

Contra Costa Community College District

NEEDS STUDY

**LOS MEDANOS COLLEGE
BRENTWOOD EDUCATIONAL CENTER**



AUGUST 2011



Contra Costa Community College District

August 2011

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EXECUTIVE SUMMARY

BRENTWOOD EDUCATIONAL CENTER

Far East Contra Costa County continues to be one of the few Bay Area communities with relatively affordable housing, luring thousands of new residents over the past few decades. Sleepy Delta farming towns are now bustling and maturing suburban cities. The City of Brentwood, one of principle population centers in Far East County, is fueling much of the area's growth. In 1990, Brentwood's population topped at 7,563; by 2009 the population had grown to 51,908. According to the California Department of Finance, Brentwood is one of the fastest growing cities in the State. Although the pace of growth is expected to moderate somewhat in coming decades, Far East County is estimated to continue to grow well above state and county average rates. In 2000, the service area population for the Brentwood Center reached approximately 96,429. District planners project that by 2020, this area population will likely increase 53.9 percent to 178,363. The primary feeder areas for the Brentwood Center--the cities of Antioch, Brentwood, and Oakley--continue to exceed the annual growth rate of the county overall.

The associated enrollment growth is creating capacity constraints at the existing Brentwood Center outreach operation located in a building once housing a supermarket near downtown Brentwood. The 21,522 gross square foot facility is quickly reaching its theoretical capacity. The heavily used Outreach Center served over 5,000 students in the fall of 2010. Classrooms are crowded and parking is difficult to find during peak hours. Additional facility space to accommodate future enrollment demand is minimal. Access to the parent campus, Los Medanos College, is increasingly problematic since the area's main east/west traffic corridor, State Highway 4, is gridlocked much of the day.

Developing a more expansive permanent educational center is required in order to continue to serve the educational needs of the culturally diverse and rapidly growing population of Far East County. The California Community College Board of Governors

anticipated the need for additional capacity in the Contra Costa CCD some 16 years ago when they approved the community colleges' 1991 Long Range Plan. At the time, the Board of Governors (BOG) recommended the development of two state-approved educational centers for the District. Since that time, the District has established one, the San Ramon Center, and the Brentwood Educational Center will be the second.

Situated on an approximately 17 acre site within the Vineyards at Marsh Creek development area of southwestern Brentwood, the proposed center at build out will total approximately 56,000 Assignable Square Feet. The first of two phases of development is scheduled for opening in fall 2017, with an anticipated annual enrollment of more than 1,800 Full Time Equivalent Students. First Phase construction costs will be financed with a combination of state capital outlay funds and local Measure A bond monies. Neighboring community college districts are in support of the proposed Brentwood Center.

I. BACKGROUND AND HISTORY

The Contra Costa Community College District (CCCCD) serves the diverse educational needs of more than 42,000 students through three comprehensive colleges and a number of off-campus operations located throughout Contra Costa County. Situated in the eastern portion of the nine-county San Francisco Bay Area, the District's service area covers 686 square miles, making it among the largest community college districts in the state. Its geographical boundaries are nearly identical to Contra Costa County, extending from the city of Crockett and the Carquinez Straits in the north, to San Francisco and San Pablo Bays on the west, to Alameda County to the south, and to the Sacramento-San Joaquin Delta on the east. **Map 1** illustrates the location of Contra Costa County in relation to the other Bay Area counties and the District boundaries and theoretical attendance areas for each of its three campuses, including Los Medanos College and the existing Brentwood Center appears as **Map 2**.

A. History of the Contra Costa CCD

Community College educational services in Contra Costa County date back to December 1949 when county voters approved the establishment of the West Contra Costa Junior College. The newly established college opened its doors to 500 students in the spring of 1950 at the old Kaiser Shipyards located in Point Richmond. At this time, the beginning of the cold war unleashed a boom in manufacturing jobs transforming Bay Area waterfront counties into industrialized centers. The thousands of workers who fueled much of the regional manufacturing economy settled with their families in newly established suburban communities near the waterfront. Enrollments associated with the area's population surge quickly filled the small campus at Point Richmond and the District in 1956 relocated the founding College to a more permanent and spacious 83-acre site overlooking the San Pablo Bay in the rolling hills of San Pablo and Richmond,

where the present Contra Costa College is situated. Housing development in Contra Costa County also spilled into once rural inland valleys some considerable distance from the waterfront cities where the county's only community college existed. The District responded to the educational needs of residents in sprawling inland valley communities by opening a second comprehensive college in 1951 in the city of Pleasant Hill. Diablo Valley College, which is situated in the central area of the county, for many years effectively served its surrounding environs. However, as development continued to spread further inland and into the southern portion of the county, the college opened the San Ramon Valley Educational Center in San Ramon Valley in 1985 in order to provide greater capacity and more convenient access to the rapidly growing population of the San Ramon Valley area.

By the early 1970s, industrialization and development reached eastern Contra Costa and towns along the Sacramento-San Joaquin River Delta became more urbanized, some boosting industry centers of their own, but most serving as bedroom communities for workers commuting to the waterfront industrial centers. Pittsburg and Antioch, two of eastern County's principal population centers, expanded quickly, each with a sizable population by the beginning of the decade. Area residents interested in community college educational services, however, had to travel considerable distances to reach the District's two colleges, Diablo Valley and Contra Costa College. Recognizing the significant unmet educational needs of East Contra Costa County and the potential for future growth, the District in the spring of 1974 opened Los Medanos College. Los Medanos College is located on a 120-acre site near the boundary of the cities of Pittsburg and Antioch. An overview of the Los Medanos College campus site layout is depicted on **Map 3**.

The name of the College derives from the 13,316-acre Rancho Los Meganos, which was one of the last land grants made by the Mexican Government when

California was still a territory of Mexico. Rancho Los Meganos covered almost all of Pittsburg, Antioch and Brentwood, including the current site of the College. Translated into English, the name of the College refers to sand dunes or sand hills, which may be a reference to the sandy terrain that characterizes eastern Contra Costa County with its long history of sand mining.

Today Los Medanos College is a thriving center of higher education activity and a leading force in workforce preparation for eastern Contra Costa County. The College offers courses leading to transfer credit at senior colleges and universities, general education courses leading to an Associate in Arts degree and occupational education courses leading to Certificate of Achievement, or an Associate in Science degree. These offerings are complemented with an expanding short-term, on-line, and weekend course programs in a variety of technical and business-oriented subjects to enhance job skills training, technology training, and workforce preparation. The College's diverse course offerings are well suited to the varying educational needs of its 9,966 students served in Fall 2010. The College's student body largely reflects the cultural diversity of its service area; Asians, African Americans, and Hispanics account for over half of the student body. **Chart 1** provides a detailed breakdown of Los Medanos College's spring 2010 headcount enrollments by race and ethnicity.

B. Population Growth in Eastern Contra Costa County and Surging Enrollment at Los Medanos College

Inland eastern Contra Costa County is one of the few remaining communities in the Bay Area with large stocks of affordable housing. Thousands of residents, priced out of coastal urban cities, have settled in Sacramento-San Joaquin River Delta communities like Pittsburg, Antioch, and Brentwood. East County's unbridled growth makes it one of the fastest growing areas in both the County and State. Striking evidence of the growth gripping eastern Contra Costa County is shown on **Table 1**. Department of Finance population statistics for the period

1990 to 2009 indicate that all three Delta cities, Antioch, Pittsburg, and Brentwood grew at above average rates when compared to both the County and State. Antioch's population surged 62.3 percent during this period. By comparison, the neighboring city of Pittsburg increased its population by a little more than half that rate, 33.3 percent during the same period. Yet despite Pittsburg's relatively slow rate of growth (when compared to Antioch), it is nevertheless growing at a faster pace than both the County and State as shown on **Table 1**. The rate of growth for the two adjoining cities, however, is paltry when compared to the city of Brentwood. Brentwood's population mushroomed by an amazing 586.3 percent, adding 44,345 new residents from 1990 to 2009. At the close of 2009, Brentwood's population was nearly 52,000.

Although affordable housing fuels much of the growth depicted on **Table 1**, the County's expanding local economy also exacerbates growth along Delta communities. Like all Bay Area counties, Contra Costa is continuing to rebound from the job losses associated with the technology bubble burst of 2000 and the recession created by the mortgage meltdown. However, Contra Costa's regional economy appears to be inching out of the doldrums and is once again adding new jobs. Industry employment in 2010, the most recent year for which annual industry employment figures are available by the Employment Development Department (EDD), increased by 3,700 over the previous year's level, with employment topping at 463,000. According to the EDD, a majority of the County's new jobs created within the past five years come from three industries: financial activities; biomedical engineering; and health services. Contra Costa's improving unemployment rate also offers additional evidence of a recovering and expanding local economy.

East County's population growth, driven by relatively affordable housing and an expanding job market, has generated sharp increases in student enrollments at Los Medanos College. According to the most recent enrollment data available from the California Community Colleges Chancellor's Office, headcount enrollments at Los Medanos College increased 28.5 percent, from 8,539 in fall 1992 to 10,976 in fall 2009. During the same period, both the District and the California community college system grew at much slower rates, as shown on **Table 2**. More striking, however, is the fact that Los Medanos College's enrollment growth is significantly higher than the District's enrollment growth as a whole. The enrollment trends presented in **Table 2** clearly illustrate that a significant portion of the District's enrollment growth now comes from East Contra Costa County. Rising enrollment at Los Medanos College, however, is creating campus-wide capacity constraints, with little room to serve the increasing student population from rapidly growing Far East Contra Costa County.

C. Brentwood Outreach Center and Its Environs

The District began serving far eastern Contra Costa in the summer of 1989 when Los Medanos College offered 15 courses at Liberty Union High School District's Adult Education Center in Brentwood. At this time, Brentwood and the adjacent communities were sleepy Delta farming towns surrounded by row crops and fruit tree orchards. Space restrictions at the Adult Center limited course offerings to seven computer classes, two English-as-Second Language classes, two Spanish classes, one English class and three short-term business classes.

Despite the limited academic offerings, enrollments spiked beyond the facilities capacity of the small outreach center as the bucolic landscape of far east County gave way to suburban development. The local population dramatically increased and gridlock traffic congestion on the area's only principal east-west traffic artery, State Highway 4, discouraged many residents from attending Los Medanos

College. Demand for community college educational services quickly exceeded available space at the leased outreach operation in the Liberty Union High School Adult Center, and Los Medanos initiated plans for establishing a more suitable facility to serve the educational needs of the area's burgeoning population. An important consideration in planning for a new outreach facility was the College's desire to secure a site with sufficient space to also carry out its economic development mission.

In the fall of 2001, the district in partnership with the city of Brentwood, opened the LMC Brentwood Education and Technology outreach operation at its present location near the intersection of Sand Creek Road and Highway 4 in a building that once housed a supermarket. Its location relative to Oakley, Brentwood and Byron and their environs is shown on **Map 4**. **Exhibit 1** depicts the existing outreach center site plan and **Exhibit 1A** illustrates the facilities layout.

As illustrated in **Exhibit 1A**, the 21,522 gross square-foot outreach facility includes 14 classrooms, a computer lab, a tutoring lab and a number of faculty and administrative offices. The building which also houses the City of Brentwood Technology Center, serves not only as an instructional operation, it also has non-college spaces that serve as a technology center for small businesses. Entrepreneurs, new to the market place, can access a variety of business services, affordable office space and shared office equipment and services designed to reduce start-up costs. Since its inception, the Brentwood outreach operation has become a popular destination for thousands of area residents seeking to further their educational goals. Today, more than 5,000 students take advantage of the center's continually expanding educational offerings primarily focused on general education and transfer courses, with a particular attention to Math and English, English-as-Second Language (ESL) and limited vocational preparation.

The popularity of the outreach operation is not without its challenges. Critical

capacity constraints have resulted in two expansion remodels since inception, to provide more instructional and support space. As enrollments continue to grow at a steady rate, capacity pressures are already lessening the appeal of the center. Students struggle daily for parking spaces and there is still a shortage of classroom space during peak and evening hours. Worse yet, the steady pace of growth in far eastern Contra Costa County makes it likely that future students could be turned away unless a more expansive permanent educational center is established.

Population projections prepared by District planners for the area served by the Brentwood Outreach Operation suggest that growth will continue to closely follow the upward trajectory observed in past years. In 2000, according to Association of Bay Area Government (ABAG) projections, the service area population of the outreach center reached 139,453. ABAG further projects the service area population to increase 57.2 percent by 2020, topping out at 219,250. The magnitude of the service area projected growth indicates enrollment demand in Far East County is likely to continue to increase steadily upward. At the same time, available space at the existing Brentwood outreach center will diminish proportionally and there is little space available at the existing building for expansion.

Most of the projected new growth will come from Brentwood, which is the largest population center in far eastern Contra Costa County, and one of the fastest growing cities in both the Bay Area and California. According to the Department of Finance, Brentwood was the fourth fastest growing city in the state from 2000 to 2005. During this period, Brentwood's population jumped by 76.5 percent, surpassing rapidly growing Elk Grove which posted a growth of 68.5 percent.

Although Brentwood's growth could moderate somewhat in the future, the goals and principles articulated in the City's General Plan makes it likely that it will continue to expand significantly. Initially the General Plan called for a targeted

build-out population of approximately 95,000 residents. In 2001, however, city leaders updated the General Plan to include the preservation of Brentwood's "small town character" and reduced the build-out population to 75,000. City leaders also dedicated more land to commercial and job-generating uses in an effort to bring employers to the community. Although the revised lower build-out population threshold will decrease the overall size of the city, Brentwood will nevertheless realize a nearly a 45 percent increase its current population of 51,908 before it reaches the 75,000 threshold limit.

Brentwood's future growth will also be stimulated by its progressive "inclusionary" housing policy. This policy requires builders to provide a percentage of their housing stock at prices affordable to lower income buyers, which is accomplished by reducing the number and type of amenities while maintaining an external appearance similar to market rate homes. The affordable homes are located among market-rate homes, helping the city avoid an over-concentration of affordable housing. The availability of affordable homes will continue to make Brentwood a choice destination for many home buyers priced out of most Bay Area communities and ensures that enrollment demand at the Brentwood Education Center will continue to be robust.

A large portion of Brentwood's new growth will be concentrated in western areas near the Highway 4 Bypass and along Balfour Road to the south (previously referenced **Map 4** depicts the location of this area). This portion of the City, according to the City's General Plan, is not only targeted for residential development, but also for commercial and light industrial development. The proximity to new job and residential centers makes this area an ideal location for the proposed Educational Center and it is here that the proposed educational center will be located. A detailed description of the site is provided in the Background Section.

In addition to accommodating enrollment demand, there are compelling local socio-demographic indicators also supporting the establishment of a permanent educational center in far eastern Contra Costa County. Census 2000 educational attainment data depicted on **Table 3** indicates the adult population (25 years or older) of Oakley and Brentwood, two principal population centers in Far East County, is undereducated compared to Contra Costa County. Only 13.7 percent of adults in Oakley earned a Bachelor's degree or higher as compared to the county, where fully 35 percent of the adult population possessed a Bachelor's degree or higher. Although adults in Brentwood are proportionally more educated than their neighbors in Oakley; their rate of advanced education achievement, 21.0 percent, is nevertheless significantly lower than Contra Costa County's rate of 35.0 percent and moderately below the 26.6 percent rate observed state-wide.

The relative disproportional below average advanced higher education attainment levels observed in both Oakley and Brentwood suggests residents of far eastern Contra Costa County can significantly benefit from the proposed educational center. The proposed permanent and more spacious educational center would allow for expanded student support and academic offerings in university transfer programs. This is critical to developing the area's economic development given that the Bay Area regional economy is largely driven by bioengineering, financial, health services and information technology industries. Bay Area workers hoping to land well paying jobs in the region must generally possess a four-year degree. The above-average increasing returns on education (the higher the education attainment level, the greater the earnings) evident in the Bay Area labor market unfortunately leaves the vast majority of Far East County adults unable to compete for well paying jobs. The proposed Brentwood Education Center would allow area undereducated working adults to take the first step in securing a generously paid profession by accessing convenient and available university transfer courses.

A new, more expansive educational center also enables Los Medanos College to better serve the educational needs of the area's large and growing historically underrepresented Latino population. The Latino population in Brentwood and Oakley is proportionally much higher compared to the County and the Bay Area region. Census 2000 data reported on **Table 4** indicates that more than 1 in four residents living in the communities of Brentwood and Oakley are Latino.

Many members of the Latino community, which served as the back bone labor for the area's once flourishing agriculture industry, are now increasingly displaced by the emerging service economy associated with local suburban development. Since the opening of the existing Brentwood Outreach Center, Los Medanos College has recognized the educational needs of the Latino community in Far East County by offering a number of English-as-Second Language (ESL) courses and a Vocational ESL program that prepares students for entry level jobs in business and retail. Both offerings proved extremely popular, generating large enrollments each semester. However, capacity constraints at the existing center restrict the expansion of the ESL offerings to meet the demand. The proposed permanent educational center would make available the necessary capacity to effectively meet the varying educational needs of the ethnically diverse communities of far eastern Contra Costa County.

D. Location of Proposed Brentwood Educational Center

The proposed Brentwood Educational Center will be located on a 17-acre site within the Vineyards at Marsh Creek subdivision area located in southwestern Brentwood. This area is currently being developed as a mixed use development situated on 481 acres of land that was once part of the sprawling 5,000 acre Cowell Ranch. The Vineyards at Marsh Creek will feature an active adult community of some 1,100 active adult units, single-family executive homes, multi-family units, and commercial, office, and retail space. Anchoring this

development will be a number of neighborhood and city parks, a proposed winery and an amphitheater. Rosenblum Cellars proposes to develop a 250,000 case winery that features a tasting room to house most of its operations now conducted at its Alameda site. The adjacent 1,000 seat amphitheatre will provide a venue for attracting popular musicians and entertainers to Far East County. The winery and amphitheater, as well as the development, will be surrounded by rolling hills of Vineyards and Olive trees. The location of the proposed permanent Brentwood Educational Center in relation to Far East Contra Costa County and the existing Brentwood outreach operation is presented on **Map 5**. The site location of the proposed permanent Brentwood Center parcel in relation to the planned phases of the Vineyards at Marsh Creek Development, is depicted on **Map 6**. **Exhibit 2** and **Exhibit 3** illustrate the parcel map and the conceptual site plan, respectively, for the proposed permanent Brentwood Education Center site.

The College District submitted an updated Letter of Intent (LOI) for the proposed Brentwood Education Center site to be re-located to the Vineyards at Marsh Creek site September 2009. The California Community Colleges Chancellor's Office approved the LOI in October 2009. The California Postsecondary Education Commission followed with their review and approval February 2010. The LOI and approval letters are presented in **Appendix E**.

II. ENROLLMENT PROJECTIONS

Full Time Equivalent Student (FTES) enrollments at the opening of the proposed Brentwood Education Center, scheduled for fall 2017, will be robust and substantially in excess of the 500 Full Time Equivalent Students (FTES) annual enrollment threshold level required by Title 5 Regulations that implemented Senate Bill 361. According to the Department of Finance, Demographic Research Unit's (DRU) approved projections, Fall 2017 opening FTES enrollment is likely

to exceed 877, which will produce an annual FTES level that will be more than three times greater than the required threshold level specified in the Title 5 Regulations. The Brentwood Center Service Area Population and Enrollment Projections Study included projections based on a growth driven model and a facilities driven model. Fall 2017 headcount enrollment at the newly established educational center will reach a projected total of 3,935. A copy of the DRU approval letter showing fall headcount and FTES, Weekly Student Contact Hours (WSCH) and WSCH/Enrollment projections through 2017 is provided as **Exhibit 4**.

Exhibit 4

Copy of the DRU Enrollment Projections Letter



DEPARTMENT OF
FINANCE

ARNOLD SCHWARZENEGGER, GOVERNOR

915 L STREET ■ SACRAMENTO CA ■ 95814-3706 ■ WWW.DOF.CA.GOV

January 11, 2010

Tom Beckett
tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520

Dear Mr. Beckett:

The Demographic Research Unit has reviewed and approves the enrollment projection for Contra Costa Community College District's Brentwood Center. The reviewed Service Area Population and Enrollment Projections Study includes projections based on a growth driven model and a facilities driven model. In the following table, years 2009–2013 are produced by the facilities driven model and 2014–2017 by the growth driven model.

Contra Costa Community College District, Los Medanos College				
Brentwood Center				
Year	Fall Enrollment	WSCH/Enrollment	WSCH	Fall FTES
2008 actual	2,317	6.95	16,093	536.4
2009	2,386	6.90	16,462	548.7
2010	2,485	6.81	16,912	563.7
2011	2,605	6.81	17,707	590.2
2012	2,719	6.81	18,472	615.7
2013	2,804	6.81	19,042	634.7
2014	3,465	6.68	23,160	772
2015	3,629	6.69	24,270	809
2016	3,777	6.69	25,260	842
2017	3,935	6.69	26,310	877

We extend our best wishes for the success of the center.

Sincerely,

Mary Heim, Chief
Demographic Research Unit
Department of Finance

cc: Frederick Harris, Assistant Vice Chancellor, CCCCCO
Mary Just, Facilities Planning Specialist, CCCCCO
Stacy Wilson, Facility Review Coordinator, CPEC
Frank Baratta PhD, tBP/Architecture

A. Scope and Methodology

The enrollment projections summarized within **Exhibit 4** are based on a detailed and comprehensive examination of the proposed Brentwood Education Center's service area general, adult, and potential student population study conducted in November 2009 by Frank S. Baratta, PhD. Findings from the resulting demographic study presented below have been summarized from **Appendix A** (*Los Medanos College Brentwood Center Service Area Population and Enrollment Projections Study*), which was submitted in its entirety to the DRU for review, comment and approval. The population and enrollment projections clearly support the establishment of the proposed center and generally follow conservative population and projected enrollment estimation procedures.

Ten census tracts located within the sub regional areas of Antioch, Bethel Island, Brentwood, Byron, Discovery Bay, Knightsen, and Oakley, delineate the service area of the proposed Brentwood Center. These areas are within reasonable commuting times and collectively form the far eastern portion of the District-wide service area. Previously presented **Map 2** illustrates the District's distinct service areas and **Exhibit 5** provides a geographical location of the specific census tracts used in formulating the enrollment projections. Detailed maps of the ten Census Tracts that define the proposed Brentwood Center service area are provided in **Exhibit 6**.

Past, current, and projected general/adult population totals, at the county and sub regional level, were from several sources: 1) the Association of Bay Area Governments (ABAG) Projections 2003 report and related ABAG Projections 2003 by Census Tract files for Contra Costa County; and 2) the State Department of Finance (DOF) E-4 county population estimates reports for the 1990-2004 period and DOF P1 county projections report for the 2005 to 2050 horizon years.

County statistics are appropriate for this analysis since the boundaries of the county and of the Contra Costa Community College District are coterminous in all relevant areas. **Table 5** summarizes these totals.

It should be noted that ABAG projected population totals are the most conservative and reliable figures available. They are based on a forecasting methodology that more closely predicted the 1990 and 2000 county census total than other models. Specifically, ABAG's forecasting model under-predicted the 1990 county census total of 803,732 by 13,532 (a margin of error of 1.7% and under-predicted the 2000 county census total of 948,816 by 6,916 (a margin of error of 0.7%). These were the smallest margins of error found among the various forecasting models used by federal and state agencies to predict the population growth of the county for the specified periods.

B. Forecasting Enrollment and FTES for CCCCDC and Los Medanos College

Actual CCCCDC fall enrollment/FTES totals and forecasted CCCCDC fall enrollment were provided by the California Community Colleges Chancellor's Office Fiscal Services Unit and Research Unit.

An analysis of the various relations between the different data arrays displayed in **Tables 6-9** revealed several significant findings and resulted in the following:

1. CCCCDC 2000-2008 fall totals were found to be related to corresponding data arrays for CCCCDC fall FTES ($r=.86$), CCCCDC year totals ($r=.89$), and Los Medanos College fall totals ($r=.81$). Hence, the 2000-2017 data vector defining the District's fall totals was used to forecast the 2009-2017 entries for the first two covariates (i.e., CCCCDC fall FTES and CCCCDC year totals). The 1990-2017 data vector for the District's fall totals was used to

make 2009-2017 projections for the third covariate (i.e., LMC fall FTES). Specifically, a linear regression function incorporating the *least square criteria* was used to fit a straight line to the actual data arrays of these covariates. The equation was expanded to include CCCCO's forecasted CCCCD fall enrollment totals (x) one-year-at-a-time for the 2009-2017 horizon years; with the inclusion of each fall total, the equation was used to project the corresponding value for the three covariates [i.e., CCCCD's fall FTES (y_1), CCCCD year totals (y_2), and LMC fall FTES (y_3)].

2. LMC 1992-2009 fall totals were found to be significantly related to LMC fall FTES ($r = .76$) and LMC 2000-2008 fall totals were strongly related to LMC year totals ($r = .94$). Accordingly, fall totals were used to forecast the 2009-2017 column entries for the latter two covariates in the same manner that was been done for the first set of findings.
3. LMC 2000-2008 fall FTES totals were found to be significantly related to LMC annual FTES ($r = .65$) and consequently used to forecast the 2009-2017 column entries for this covariate.

C. Forecasting Enrollment and FTES for the Los Medanos Brentwood Center

Developing forecasts for the Brentwood Center proved problematic for two reasons. First, the enrollment trend lines for the Center and the ones provided to the District by CCCCO do not correlate significantly enough to be useful. Additionally, none of the enrollment data arrays developed for Los Medanos College, which are tied to the baselines provided by CCCCO, correlate with any of those obtained for the Brentwood facility. Using such data in this study's regression equation would result in unreliable forecasts for the Center.

Second, the baseline that can be used to forecast enrollment at the Brentwood Center is driven by projected adult population growth for the area, and using said baseline carries with it the assumption that existing facilities at the Center can accommodate forecasted growth. As is known, Los Medanos College is moving to expand the Center's facilities so that it can meet fully the student demands it is receiving and expects in the future. Currently, the Brentwood Center is operating close to its maximum capacity or soon will be. Thus, any forecasts about the number of students the Center will be enrolling that are based solely on adult population growth will have to be adjusted or discounted in light of present and growing facility limitations which place a ceiling on enrollment levels. How might this adjustment be done?

The Brentwood Center has generated over 500 FTES annually since 2002 and has begun to achieve as much during its fall semesters as shown on **Table 10**. This productivity level meets the standard required of State approved centers. The usual purpose of forecast studies like the present one is to show that a center can generate over 500 FTES each term or academic year and thus justify being given State Center status. Since this threshold has been achieved, there is no need to prove that it can. There is only one question that needs to be addressed at this point: "How much will the Brentwood Center grow in terms of its FTES given current facility restrictions." An argument is needed that will help to determine the range within which forecasts for the Brentwood Center must fall given present facility restrictions and to specify what these would be.

At the very least, one can expect the Brentwood Center to continue to produce the FTES levels that it is presently generating given its current service capacity. Determining the maximum FTES level the Center can generate given its facility restrictions is problematic. One can assume that a ceiling on the Center's growth would eventually be reached at some point in the future if current facilities are not

expanded or no new facilities are brought forth. The existing Brentwood Center has been incrementally expanded in 2007 and 2009, from 17,500 gsf to 21,522 gsf: an increase in facilities space of approximately 23%. However, at some point, it will not be able to accommodate the student demand the county's growth would bring. How many years into the future before the Center reaches this ceiling? At this point, we know the facility utilization is nearly 85%. **At most**, forecasts for the Brentwood Center cannot be expected to exceed the growth that can be forecasted for it--if indeed the Center will be operating at maximum capacity in the near term or foreseeable future.

Is there a **defensible midrange** for Brentwood forecasts? In this study, the tactic taken to find this midrange involved a two-step process: (1) the county adult population, growth trend lines provided by DOF were used to forecast enrollment and FTES levels for the Brentwood Center; and (2) the midpoints between each of these forecasts and the relevant current levels of headcount or FTES were determined. These midpoints are **conservative estimates** of what the Brentwood Center will likely generate over the coming years given existing productivity levels, facility restrictions, and the expected gradual expansion or development of new facilities. For example, if the growth driven model forecasts that the Center will generate 561 FTES for the Fall 2009 semester (an increase of 24.6 over the Fall 2008 semester), then this projected growth would be discounted by 50% and it would be estimated that the Center would grow by half as much or generate 548.7 FTES instead (an increase of 12.3).

This is a very conservative position, especially in light of the fact that the Brentwood Center has been growing at a higher rate than the county adult population, the student populations of the district, and LMC. Also, it incorporates the notion that the Center's physical facilities cannot keep up step-for-step with the student growth the District and LMC will accommodate **over the long run**.

However, as its facilities are expanded or replaced in the next five years, with permanent and more comprehensive facilities, the Brentwood Center is expected to accommodate student growth demands more so than it presently does, but perhaps not as fully as would be ideal.

In this way, the forecasts made incorporate the fact that the Brentwood Center has achieved qualifying FTES levels, and they stay within the boundaries of current realities, as well as future ones that cannot be exceeded given facility restrictions.

As mentioned earlier, area growth data can be used to forecast Brentwood enrollment. Specifically, the 2001-2008 County Adult data array (see Table 1) strongly correlates with Brentwood fall enrollment data ($r=.98$). For this same period of time, fall unduplicated enrollment totals for Brentwood were also found to strongly correlated with fall FTES ($r=.99$) and its full year unduplicated headcounts ($r=1.00$). Relatedly, Brentwood fall FTES strongly correlated with full year FTES ($r=1.00$). Accordingly, the 2001-2017 County Adult data array was used to forecast the 2009-2017 entries for Brentwood fall enrollment, and the resulting enrollment data array was used to forecast the Center's fall FTES and full year totals for the same time interval. In a similar manner, fall FTES was used to forecast full year FTES.

Tables 10 and 11 summarize the results of the foregoing procedures: the forecasts arrived at by said discounting procedure (the **“facilities driven” model**), and the projections given by the forecasting approach used in this study and outlined earlier (the **“growth driven” model**). It is not clear as to how long it will be until the new permanent facilities are completed at the Brentwood Center. It has been estimated that it could take 3-5 years. The facilities driven forecasts for the Center were therefore made five years out. Thereafter or the year after said facilities are completed, the forecasts given by the growth driven model apply.

Historical records and enrollment forecasts give evidence that the Los Medanos College Brentwood Center will continue to enroll the requisite number of students needed to produce FTES levels required of state-approved educational centers.

Student demand for Brentwood services is expected to grow substantially over time given the dynamic demographic growth patterns that have been observed for Contra Costa County as a whole and the eastern sector in particular. Whether or not the student projections are realized will depend on a myriad of factors: the state of the economy and its workforce demands; the course offerings that potential students perceive as relevant to their educational goals and that are available at convenient times; the presence of requisite faculty, appropriate facilities and student services; the manner in which educational programs and services will be delivered in the future; student financial aid policies; federal/state/county support of education; and the competition from other training centers or educational institutions.

III. ALTERNATIVES

Far East County's considerable population growth, demographic and geographic characteristics are but a few important factors that substantially limit available alternatives for accommodating enrollment demand. A detailed discussion on how these factors adversely impact the California Postsecondary Education Commission (CPEC) suggested alternatives specified in their guidelines for reviewing proposed educational centers follows.

A. Expansion of Existing Institutions Within the Region

Significant growth is diminishing available capacity over time throughout the

District. According to the District's 2012-2017 Five-Year Construction Plan, the District-wide availability of laboratory space is at 92% and decreasing below 90% in future years. For Academic Year 2015-16, capacity/load ratios for laboratory space will be at 87%, indicating that District needs additional capacity to accommodate enrollment demand. The District, however, is not the alone in experiencing capacity constraints in the Bay Area. CPEC's updated report on community college enrollment demand by region (CPEC report 05-03) indicates that the San Francisco East Bay region is likely to experience space shortages through 2013. Absent region-wide appreciable increases in physical capacity, CPEC estimated that by the end of fall 2005, the east Bay region will likely have realized a FTES capacity deficit of 8,111. By 2013, the FTES space deficit is forecasted to grow to 20,808. Findings from the CPEC report make it clear that physical space in the East Bay region is in short supply. Thus, expanding area campuses to accommodate Far East County enrollment demand is not a viable option since existing colleges are themselves facing capacity shortages. Traffic congestion and local topographical features further diminish the possibility of redirecting Far East County growth to neighboring campuses, such as Delta College. As previously stated, students commuting on State Highway 4 spend considerable time on the road attempting to reach Los Medanos College since traffic congestion continues to worsen. Other campuses within the region are similarly inaccessible. Area topographical features like Mt. Diablo and the Sacramento-San Joaquin Delta put neighboring district campuses like Chabot, and Solano Colleges beyond the reasonable reach of far eastern Contra Costa County residents.

B. Increase Utilization of Existing Institutions, Particularly in the Afternoon and Evenings, and During the Summer Months

Both Los Medanos College and the Brentwood outreach center are extensively utilized. Instructional services are offered throughout the day, during weekends,

and in the summer months. The proliferation of courses available in the evenings at Brentwood operation is summarized within **Appendix B**, the Fall 2010 Los Medanos College Brentwood Center Schedule of Classes (excerpt). **Appendix C** provides a copy of the Spring 2011 Los Medanos College Brentwood Center Schedule of Classes (excerpt). Brentwood also offers a Weekend College.

Fall 2010 instructional offerings covered such disciplines as Administration of Justice, Business, Computer Science, Drama, English, Math, and Philosophy. Although the center has realized additional space efficiencies with building space additions and the implementation of the above mentioned enrollment management practices (i.e., week-end college and summer offerings), enrollment demand at the center continues to grow and create capacity constraints. The parking limitations at the existing center are another problematic factor in accommodating the growing enrollment demand. The effective solution in realizing additional capacity is now beyond enrollment management practices and the physical characteristics and limits of the leased facility and centers on building a more expansive permanent educational center.

C. Sharing Space with Other Institutions

As noted before, most community college districts throughout the East Bay region are also experiencing capacity constraints of varying degrees as demonstrated by the FTES capacity deficits reported in the CPEC report 05-03. Thus, nearby campuses do not have surplus capacity necessary to implement shared instructional operations. Los Medanos College, however, is committed to partnering with other higher education institutions when possible. Currently, the College maintains a concurrent enrollment program with the University of California, Berkeley (UCB). This program permits access to UCB classes so that eligible students may test their potential for success in a university setting and/or

allow students to take required courses at the University that may not be available at the Los Medanos Campus. Los Medanos also offers cross registration and dual admissions to California State University, East Bay. The Cross Registration Program allows eligible students to enroll concurrently at CSU East Bay and provides the opportunity to take required exploratory courses at a baccalaureate institution. The Dual Admissions Program, on the other hand, is intended for first time College students who wish to start their baccalaureate degree at a community college and, upon completion of the requirements for transfer, enroll at CSU East Bay. Important advantages of participating in the program are the waiver of the CSU application fee, and the opportunity to obtain access to CSU East Bay libraries, computer labs, and campus events. The District's commitment to realize instructional capacity by partnering with other institutions is evident in its extensive use of such facilities as middle and high schools, hospitals, churches, and private vocational education providers. A list of the District's diverse instructional delivery locations is listed as a part of the District's 2012-16 Five-Year Construction Plan which is included as **Appendix D**.

D. Use of Nontraditional Modes of Instructional Delivery

Los Medanos College expands access to higher education by delivering instructional services through on-line distance education and by offering short-term courses designed for students working fulltime. Although the academic offerings available through both nontraditional instructional delivery methods are limited, Los Medanos continues to expand the depth and breadth of on-line course offerings, which are listed within the fall 2010 and spring 2011 schedule of classes in **Appendix B** and **Appendix C**, respectively. It should be noted, however, that certain nontraditional instructional delivery modes such on-line distance learning are primarily ill-suited for a large percentage of students residing in the Brentwood Education Center service area. A significant proportion of Far East County

residents are first generation college students, or have never attended college. Many are fluent only in Spanish or other non-English languages. Arguably, first generation students from such backgrounds benefit from intensive student support services and from innovative pedagogical approaches delivered in traditional brick and mortar classroom settings. Given this need, the College's distance education program thus functions as a complement to the more conventional classroom delivery mode and is by no means a suitable alternative method for providing educational services to areas large first generation college students.

E. Private Fund-raising or Donations of Land or Facilities

The Cowell Foundation donated to the District a 30-acre parcel in the Cowell Ranch area of southwestern Brentwood to establish the proposed Brentwood Educational Center. The site proved to be less desirable than the Vineyards at Marsh Creek site, which was directly across the highway from the Cowell Ranch parcel. The College District and Vineyards developers negotiated a reduced, cost effective solution to the District re-locating the proposed Brentwood Center site to the Vineyards at Marsh Creek subdivision. The District agreed to purchase the parcels (**Exhibit 2**) at the Vineyards subdivision for \$4,803,488 and the Agreement for purchase and sale and Grant Deed (Fee Title) is attached as **Appendix F**. The District used Measure A local bond monies to purchase the property for the Brentwood Education Center, which will substantially enhance the financial viability of the proposed center since the District and State will realize considerable site-acquisition and infrastructure cost savings totaling millions of dollars.

IV. ACADEMIC PLANNING AND PROGRAM JUSTIFICATION

The academic programs offered at the existing Brentwood operation are grounded

in the mission of its parent campus, Los Medanos College. Since its founding in 1974, Los Medanos is committed "to increase the knowledge, to improve the skills, and enhance the lives of our students and our community." Today, that spirit is evident in the Brentwood Outreach Center's dedication to delivering high quality instructional services. The Outreach Center offers a balanced academic offering, ranging from a wide breadth of courses in traditional liberal arts disciplines to vocational education in a number of professions in demand in the local labor market. A sample of the breadth of the center's course offerings is illustrated in previously referenced **Appendices C and D**.

Academic planning for the proposed Brentwood Center will be guided the mission of the parent campus and will focus primarily in growing the core disciplines now offered at the Outreach Center: English, Math, Spanish, and the natural sciences. Growth in general education and transfer courses planned for the new center include:

- Expanding the full programs in English, Math, and Spanish with centralized Labs and technical staff;
- Adding chemical/physical and biological sciences/labs to the Science area to meet the needs of students wishing to enter allied health occupations;
- Expanding Environmental Science with possible specializations in Agricultural or Viticultural;
- Expanding the music, drama, and art areas with lecture/theatre/ multi use space to facilitate a fine arts curriculum; and
- Expanding human performance classes to meet the interest of the community with a dedicated lab for physical fitness and dance.

Offerings in vocational education will include expanding the Vocational English-as-Second Language Program designed to assist non-native English speaking individuals in the area to improve their job skills and assist them with job search. Other initiatives planned for this program include: expanded library services; expanded partnerships with adult education, and local high schools; One-Stop Career Centers; Workforce Development agencies and other community organizations. In addition, close working relationships with the growing business community will be expanded.

- Offer Certificates in Office Technologies, Real Estate and Accounting;
- Institute a Child Development program with a potential Child Care facility;
- Add to the Administrative Justice and Fire Science programs by dedicating specialized classrooms/labs and offer possible EMS/EMT and CNA programs;
- Complement the Computer Science/Business programs with teaching lab facilities; and
- Initiate planning efforts for developing new career occupational programs in such areas as Gerontology, Certified Nursing Assistant, Medical Assisting, and Retail Management.

Other academic related initiatives planned for the proposed center include the establishment of an AM College that provides students an opportunity to enroll in a 3-unit course one morning a week (Friday). This is ideal for adults who are not able to schedule course during the evening or regular day format while increasing the utilization of the facilities on Friday AM hours. The proposed new center could also feature an expanded Weekend College to include Saturday AM courses

in General Education/Transfer and Occupational education. Plans to institute a contract education partnership with local employers will be incorporated as part of the Weekend Offering.

Leadership of the academic organization for the permanent Brentwood Center will be provided by a management dean who will report directly to the Los Medanos College President. Currently an outreach coordinator manages the academic organization for the Brentwood Center. The College is in the process of re-assigning a management dean to manage the outreach operation and ultimately the permanent Brentwood Education Center. The Dean will be in place by June 2011. An organizational chart for the campus is illustrated in **Chart 2** and an organizational chart for the Brentwood Center is illustrated in **Chart 3**.

V. STUDENT SERVICES AND OUTREACH

Student service offerings at the Brentwood Outreach Operation, like academic planning, reflect the guiding mission of the parent campus. The planning and development of student services for the proposed Brentwood Educational Center will thus reflect the Los Medanos Colleges' philosophy "...that student services are an integral part of the student's educational experience from the initial recruitment through the attainment of educational goals." The College's student services mission also recognizes that "student success depends on the collaboration and cooperation of instructional areas and student services, which fosters appreciation of the ethical, cultural, and aesthetic heritage of humanity."

As discussed in previous sections, a large proportion of students from Far East County are first-generation college students. In order to increase their educational success, the Brentwood Outreach Operation offers an array of on-site student service that will be expanded at the proposed educational center. At the Center,

students can already register, add, drop, and pay for classes; receive academic counseling, financial aid and Extended Opportunity Programs and Services (EOP&S) and Disabled Students Programs and Services (DSP&S) by appointment. Students also receive on-site tutoring services through the existing math lab and obtain drop-in assessment testing for placement in suitable English and Math courses. The Center also has a Center for Academic Support, where students can register for one-on-one appointments with a Reading and Writing Consultant. The Center has an active student “Rotoract” club that is Rotary for college students. This student club organizes and participates in activities that benefit the community, such as their blood drive and food basket campaigns. A student government group at the Center meets regularly and actively posts flyers and other informational items for students attending the Center. Latino students meet with staff in informal groups, to discuss and address issues and needs. On-site academic advising for CSU East Bay and UC Davis is also available during each term. The outreach operation also offers convenient on-site bookstore services during the start of each term. Students may also make appointments for student service needs at the main campus. A sampling of the Student Services information and services available to Outreach Center students is assembled as **Appendix G**.

All existing on-site student support services are centrally administered from the parent campus, and will continue to be as the extent and availability of these core student services are increased proportionately with enrollment demand and available facilities at the proposed new educational center. Specific expansion plans for student services that will occur within the first five years of the proposed center's opening include:

- A full complement of counseling services for both day and evening coverage;

- Permanent, full-time financial aid and EOP&S personnel assigned to the center;
- On-site Disabled Students Program and Services (DSP & S) personnel available on an appointment basis;
- Expanded and formalized student government and club activities that allow for student involvement in special activities related to student leadership, community relations, volunteerism and career/major interest groups; and
- On-site child care services

In addition to the core student services listed above, the college will also offer targeted support services to historically underrepresented groups through a number of programs currently administered from the main campus. In addition to the EOP & S program that encourages the enrollment, retention and transfer of students limited by language, social, economic and educational disadvantages, historically underrepresented students could access Puente Program services. The mission of this program is to increase the number of Mexican American/Latino students transferring to four-year colleges and universities by offering specialized English courses, academic counseling, and mentoring services with successful community leaders.

The Hispanic-Serving Institution Program (HSI) Title V will address and design activities to ensure the success of Hispanic and other students by providing services to improve persistence in reaching their educational goals. This grant offers LMC the opportunity to serve the growing minority population in East County. The objectives of HSI will be to increase the numbers of students completing ESL courses, encourage certificate completions, and provide

opportunity for transfer with the assistance of HSI staff and faculty.

Lastly, college recruitment services to historically underrepresented groups as well as the general community of Far East County will be coordinated through the Los Medanos Student Outreach Office. The Outreach Office provides general information on all aspects of college admission, registration and academic programs to high school, school age children and East County residents in general. Information is provided to prospective students via workshops, and presentations at local schools. Additional workshops and presentations are provided throughout the community in such venues as community centers and educational agencies. The Outreach Office also offers recruitment services to students in middle school and 9th and 10th graders by providing presentations designed to motivate and inform these students of the many opportunities available in higher education.

Additional community outreach initiatives tailored to the unique needs of the Far East County population and administered from the proposed Brentwood Educational Center include:

- Co-sponsoring community education programs with the retirement community;
- Instituting a National Issues Forum;
- Conducting outreach sessions for parents and families; and
- Cosponsoring activities with various community agencies.

VI. SUPPORT AND CAPITAL OUTLAY BUDGET PROJECTIONS

A. Time Schedules, Space Allocations and Cost Schedules

The proposed Brentwood Educational Center situated in the Vineyards at Marsh Creek development will total 56,615 Assignable Square Feet (ASF) with development scheduled over two phases. The proposed Center is scheduled to open in Fall 2017 with the completion of Phase I totaling 27,940 ASF. Buildout is tentatively set for 2020. A detailed time schedule for Phase I development is presented in **Exhibit 7** and **Exhibit 8** details ASF space allocations by designated programs for both Phases I and II.

A combination of both local Measure A bond monies and state capital outlay funds will be used to finance Phase I. As previously indicated, the District is purchasing the proposed Brentwood Education Center improved site with local funds, with no state costs for site acquisition and off-site infrastructure. Approved by District voters on June 2, 2006, Measure A provides the District \$287 million to refurbish aging facilities, build new facilities to accommodate growth, and purchase much need equipment for classrooms. Measure A local bond funds will also be supplemented with state capital outlay funds to finance Phase I costs associated with plans and working drawings (\$1.93 million), construction (\$20.3 million), and equipment purchases (\$2.5 million). It is anticipated that Phase II will be funded entirely with state capital outlay monies. A ten-year tentative capital outlay budget for Phase I and II is provided as **Exhibit 9** and a Cost Summary of Phase I along with information illustrating unit cost per ASF and an anticipated detailed time schedule is included in **Exhibit 10**.

B. Financial Resources & Budgeting Practices

Contra Costa Community College District (District) has demonstrated its

commitment to maintaining a balanced budget and adequate reserves. The District adopted a new allocation model based on SB 361 that aligns the expenditures to the revenues as part of the overall financial plan to maintain fiscal stability. Another action includes the establishment of an irrevocable trust to set aside funding for the Other Post Employment Benefits (OPEB) obligations in FY 2008-09. The District has also set aside \$58 million toward the OPEB liability and continues to fund \$1 million annually to the liability.

The District's Governing Board has required and maintains a 10% reserve through board policy (BP 5033) and procedure (Business Procedure 18.02). At the end of fiscal year (FY) 2009 -10 the District's audited Unrestricted General Fund balance was \$28.5 million, which represents a 16.8% reserve over expenditures. This represents an increase in reserves from the \$7.9 million in reserves in FY 2002-03 as noted below.

FY 04-05 - \$10.7 million

FY 05-06 - \$16.4 million

FY 06-07 - \$20.6 million

FY 07-08 - \$27.4 million

FY 08-09 - \$29.4 million

The District has maintained a collegial negotiating environment using "Interest-Based Bargaining", and all parties share a mutual interest in the District maintaining fiscal stability through the current difficult budget reductions.

C. General Obligation Bonds

With respect to the budget for capital projects, in 2006, the voters of Contra Costa

County gave the District approval for the issuance of \$286.5 million in General Obligation Bonds. Some of this bond money has been earmarked for the planning and design of the Brentwood Education Center. Once the site acquisition and state approvals of the Brentwood Education Center, as a “recognized” educational center, have been completed, the District anticipates funding from the State for the cost of construction in combination with some local matching funds. The recognized educational center will be a satellite of Los Medanos College, and will therefore be a subcomponent of that College's overall budget. In the event of unanticipated construction overruns, Los Medanos College does receive \$450,000 in annual Redevelopment Agency funding, which could be used to finance any additional costs. With respect to center operations, it is expected that the new center will generate sufficient FTES to earn apportionment funding to cover its operational needs.

D. Anticipated Funding for the Brentwood Education Center

Based upon Contra Costa CCD's financial condition and budgetary abilities, it is anticipated that the new Brentwood Education Center campus will be funded from a combination of the following sources:

1. Measure A local bond funds
2. State Capital Outlay funds
3. District general funds

To meet the growing population and enrollment demands in far East County, development of a permanent recognized Educational Center in the Brentwood area is deemed essential. An initial project cost shown on **Exhibit 9**, Ten Year Tentative Capital Outlay Cost Schedule, notes that the District will fund approximately \$4,803,488 million for site acquisition and off-site infrastructure costs. For Off-site and On-site Infrastructure and Development, State and Local

match funds in the amount of \$3,952,064 are necessary to complete the work. State and Local match funds of approximately \$20 million would be required to complete constructing and providing equipment for completion of the first phase. Of the approximately \$24.5 million overall to acquire the site and construct Phase I, the Local Fund contributions will be approximately \$7.4 million (30%).

The proposed District projected capital outlay and support costs for the Brentwood Center are summarized in **Table 12**. Cost increases for staffing and operations will be offset by base apportionment and FTES income due to Los Medanos College and Brentwood Education Center enrollment.

VII. GEOGRAPHIC AND PHYSICAL ACCESSIBILITY

Situated southwest of downtown Brentwood, the site being acquired by the College District for the Brentwood Center, is centrally located from most Far East County communities. The site is also located only a few miles from downtown and the existing outreach center. Access to the permanent site has been significantly enhanced by the State Highway Route 4 Bypass, which was recently completed. Designed to mitigate traffic congestion on existing Highway 4 that runs through the heart of Brentwood, the Bypass facilitates east/west traffic movement in and around Far East County. As previously illustrated on **Map 5**, the Route 4 Bypass runs directly adjacent to the site, allowing convenient vehicle access to the proposed center. The site is also prominently located near other local major roadways, such as Marsh Creek Road and Walnut Boulevard.

In addition to facilitated access by the Highway 4 Bypass, the proposed Center will also offer private vehicle commuters sufficient parking facilities (1,366 stalls) with ample designed spaces to accommodate disabled students, both of which are in constant short supply at the existing Outreach Center. Public transportation will

also serve the Center, giving commuter students transportation options suitable to their budgets.

The Tri Delta Transit Authority provides extensive public transportation bus service throughout East and Far East County, including Los Medanos College, Brentwood Outreach Center and currently to a number of areas in very close proximity to the permanent Brentwood Center site. **Appendix H** includes: a Tri Delta Transit system map, local route fares; bus stops and example bus trip itineraries for trips from Los Medanos College to existing Brentwood Outreach Center; and from the Outreach Center to a location that is located within several blocks of the proposed permanent center site. The District will begin negotiations with Tri Delta Transit planners once the permanent center site receives state approval, to provide a readily accessible bus stop at or very near the new center.

VIII. EFFECTS ON OTHER INSTITUTIONS

Deleterious effects to enrollments of neighboring community college campuses associated with establishment of the proposed Brentwood Education Center are deemed to be minimal or non-existent. As previously noted, the CPEC updated report on community regional enrollment demand notes that the East Bay region lacks capacity to accommodate enrollment demand. According to CPEC, this region is likely to realize a FTES capacity deficit of 8,111 in fall 2005. Absent significant increase in available capacity, the region's FTES deficit is estimated to surge to 20,808 by fall 2013. With most regional campuses facing capacity constraints, it is unlikely that the proposed Center will negatively impact neighboring campuses. If anything, the proposed Center may help to alleviate some of the region's capacity pressures.

Area topographical features like Mt. Diablo and the Sacramento-San Joaquin

Delta further work to mitigate potential enrollment impacts on neighboring campuses and districts. Contiguous community college districts, and others that are nearby, include San Joaquin Delta (Delta College and proposed Mountain House Educational Center; Chabot (Las Positas and Chabot Colleges); Peralta (College of Alameda, Laney, Merritt and Vista); Marin (College of Marin); Napa Valley College; and Solano County (Solano College and proposed Vacaville and Vallejo Centers. The location of these districts in relation to Contra Costa is displayed on **Map 6**.

Letters of support for the proposed Brentwood Educational Center have been received from community college districts such as: Chabot/Las Positas CCD, San Joaquin Delta CCD, Peralta CCD, Solano CCD and Marin CCD that are contiguous to Contra Costa CCD.

Letters of support, along with many others, have also been received from the following local community and educational leaders:

- Mary Nejedly Piepho, Supervisor, District III and Vice Chair of the Contra Costa County Board of Supervisors
- Federal D. Glover, Supervisor District Five, Contra Costa County Board of Supervisors
- Robert Taylor, Mayor for The City of Brentwood
- James D. Davis, Mayor City of Antioch
- James L. Frazier, Jr., Mayor City of Oakley
- Tobi Laird Benz, President of the Board of Education for the Brentwood Union High School District
- Dr. Merrill M. Grant, Superintendent of the Brentwood Union School District

- Daniel M. Smith, Superintendent of the Liberty Union High School District
- Brenda Swisher, Superintendent of the Liberty Union High School District
- Diane Gibson-Gray, President of the Antioch Unified School District Board of Trustees
- Dr. Donald Gill, Superintendent of the Antioch Unified School District
- Larry Polk, President of the Oakley Union Elementary School District Board of Trustees
- Dr. Richard Rogers, Superintendent of the Oakley Union School District
- Elaine Landro, President of the Byron Union School District Board of Trustees
- Ken Jacopetti, Superintendent of the Byron Union School District

The letters of support for the proposed Brentwood Education Center are included in **Appendix J**.

Map 6, visually shows that both the Inland Bay and Delta separate Marin, Sonoma, Napa, and Solana community college districts from the permanent site selected for the Brentwood Center. Neighboring districts to the southwest such as Peralta and Chabot are separated from the permanent site by topography and Mt. Diablo. The remoteness of the permanent site in Far East County, in relation to these adjacent districts and to the parent campus, is further exacerbated by traffic congestion on State Highway 4 and Interstates 580 and 680. Development in Far East County has created gridlock traffic conditions throughout the day on Highway 4, the area's major east/west connector. Approximate distances and driving times from neighboring colleges are provided as **Table 13**.

Of the adjacent campuses noted on **Table 13**, only San Joaquin Delta's proposed Mountain House Education Center could be subject to further scrutiny regarding possible impacts. However, even that proposed institution is approximately 30 miles and 42 minutes driving time, during non-peak rush hour traffic, from the preferred Brentwood site, and projections of enrollment growth from both districts should rule out any adverse circumstances. The two districts are already engaged in dialogue and joint planning assures that no duplication of costly programs will occur.

IX. ENVIRONMENTAL IMPACT

RBF Consulting of Walnut Creek Completed an environmental impact report, SCH # 2003062019 for the City of Brentwood's Vineyards at Marsh Creek project in November 2003. The report included the Brentwood Center, based upon the original 30-acre parcel dedicated to the Contra Costa CCD for the Center. That parcel was immediately adjacent to the Vineyards project and archeological and access issues with the parcel lead to re-location of the site into the Vineyards development itself. The District worked with **RBF** Consulting to prepare a Supplemental Environmental Impact Report, SCH #2010112046 for the New Brentwood Educational Center located at the Vineyards at Marsh Creek, in February 2011. The District will work closely with the City of Brentwood to address any mitigation measures which may be identified as a result of the Supplemental EIR. A copy of the Supplemental EIR for the New Brentwood Center is contained in **Appendix I**.

As a part of the District's due diligence activities for acquisition of the Vineyard site for the proposed Center, a preliminary Geologic Hazard Evaluation of the site was conducted and a report prepared in January 2010 by ENGEO Inc. The study

concluded that from a geologic and geotechnical standpoint, the site was suitable for the proposed Community College Center development.

Similarly, ENGEQ, Inc. also prepared a Phase One Environmental Assessment Report for the proposed Center site at the Vineyards at Marsh Creek in February 2010. Based on the findings of that site assessment, the report concluded that no Recognized Environmental Condition (REC) and no historical RECs were identified for the property and no further environmental studies were recommended.

A. Local Planning Approval

The District has worked closely with the City of Brentwood Community Development Department, City Council and City Manager during the parcel acquisition phase, to assure that city support and coordination with the development of the Vineyards at Marsh Creek project was maintained. The Brentwood Education Center has active and enthusiastic support from the City and its residents.

B. Aviation Requirements

The proposed Brentwood Center site is not impacted by any known aircraft flight paths or operations from either commercial or private airfields. The closest airfield is the Byron Airport, located in the city of Byron and 4 miles south of the proposed Brentwood Center site.

X. ECONOMIC EFFICIENCY

This Brentwood Education Center Needs Study proposal advances economic efficiency with a number of cost savings elements. The permanent Center will be

situated on land that was favorably priced by a developer for the Brentwood Educational Center and purchased by the District. Off-site infrastructure development costs have been included with the cost of the fully developed “super pad” parcels purchased by the District, which will be further cost avoidance for State funding. On-site infrastructure, site development, construction and equipment costs totaling approximately \$29 million for Phase I, will be financed with a combination of both state and local Measure A funds. Taken together, these initiatives will result in significant cost savings to the state totaling millions of dollars.

As such, the District believes that this proposal should be given high priority as specified in the CPEC Guidelines concerning Economic Efficiency.

XI. SERVING THE DISADVANTAGED

The service area of the proposed Brentwood Education Center is comprised of a very diverse population, both in race and ethnicity and socio-economic stature. The presence of affordable new and larger housing and retirement communities has brought well educated, double income families and economically stable retirees into the Far East County area of agriculture and traditionally lesser income residents. The ethnic diversity of the area has been summarized on **Table 4** and **Chart 1**, which generally indicates that the service area population for the proposed Brentwood Education Center is comprised of approximately 30% Hispanic, 6% African American, 6% Asian and 55% White. The remainder is a multicultural mix of Native American, Alaskan native, Pacific Islander and other races.

The proposed Brentwood Education Center is located within proximity to some of the lowest income residents within Far East County, particularly the city of

Oakley. The site of the proposed center is strategically located to serve the needs of all the residents of Far East County. The Brentwood Education Center has a mission and focus to serve the needs of students and communities within the entire service area of the center. However, the particular needs of immigrant and moderate income constituents with respect to adult basic learning, language and vocational skills, is apparent in the programs and services offered at the current outreach Center and will be expanded at the permanent Brentwood Center. The tutoring and Academic Success Center programs at the Brentwood Outreach Center are specific examples of these programs.

As with the entire District and center parent Los Medanos College, another key component of serving diverse students and communities is the hiring of faculty and staff that also reflect the ethnic and cultural aspects of the students and community. The staff at the College and Outreach Center is diverse and student centered and a great deal of effort for outreach and visibility to the community has taken place. The high school outreach efforts and Rotoract activities of Outreach Center students have been a demonstrated success.

It is respectfully requested that the California Community Colleges Chancellor's Office staff recommend to the Board of Governors that the Los Medanos College Brentwood Center be approved for recognized center status at the earliest date that the process can reasonable accommodate.

EXHIBITS

EXHIBIT 1
BRENTWOOD OUTREACH CENTER EXTERIOR SITE PLAN
BRENTWOOD, CA

CITY OF BRENTWOOD OFFICES

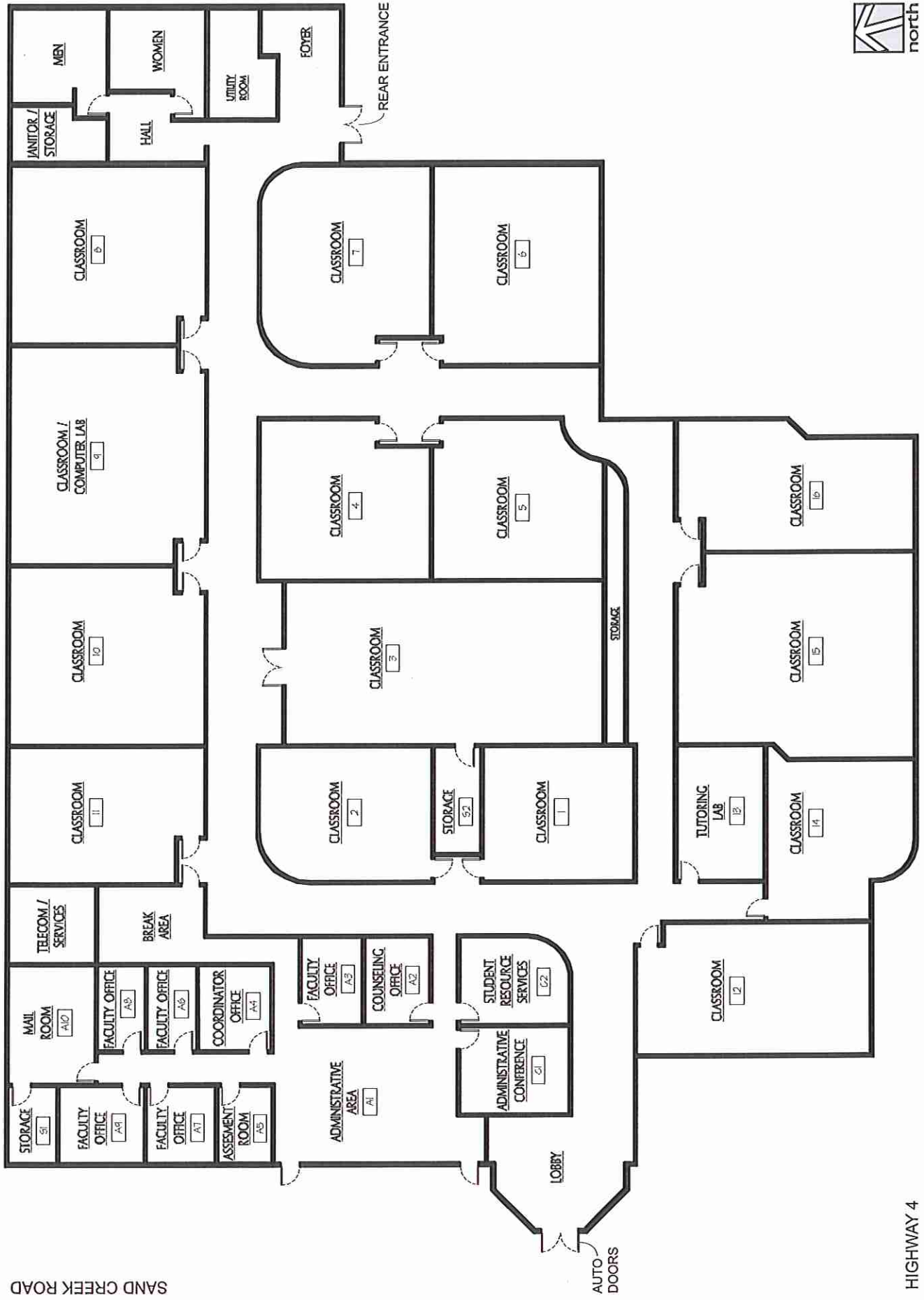
LMC
BRENTWOOD
OUTREACH
CENTER
CAMPUS

SAND CREEK ROAD

HIGHWAY 4



EXHIBIT 1A LOS MEDANOS COLLEGE | BRENTWOOD OUTREACH CENTER FLOOR PLAN



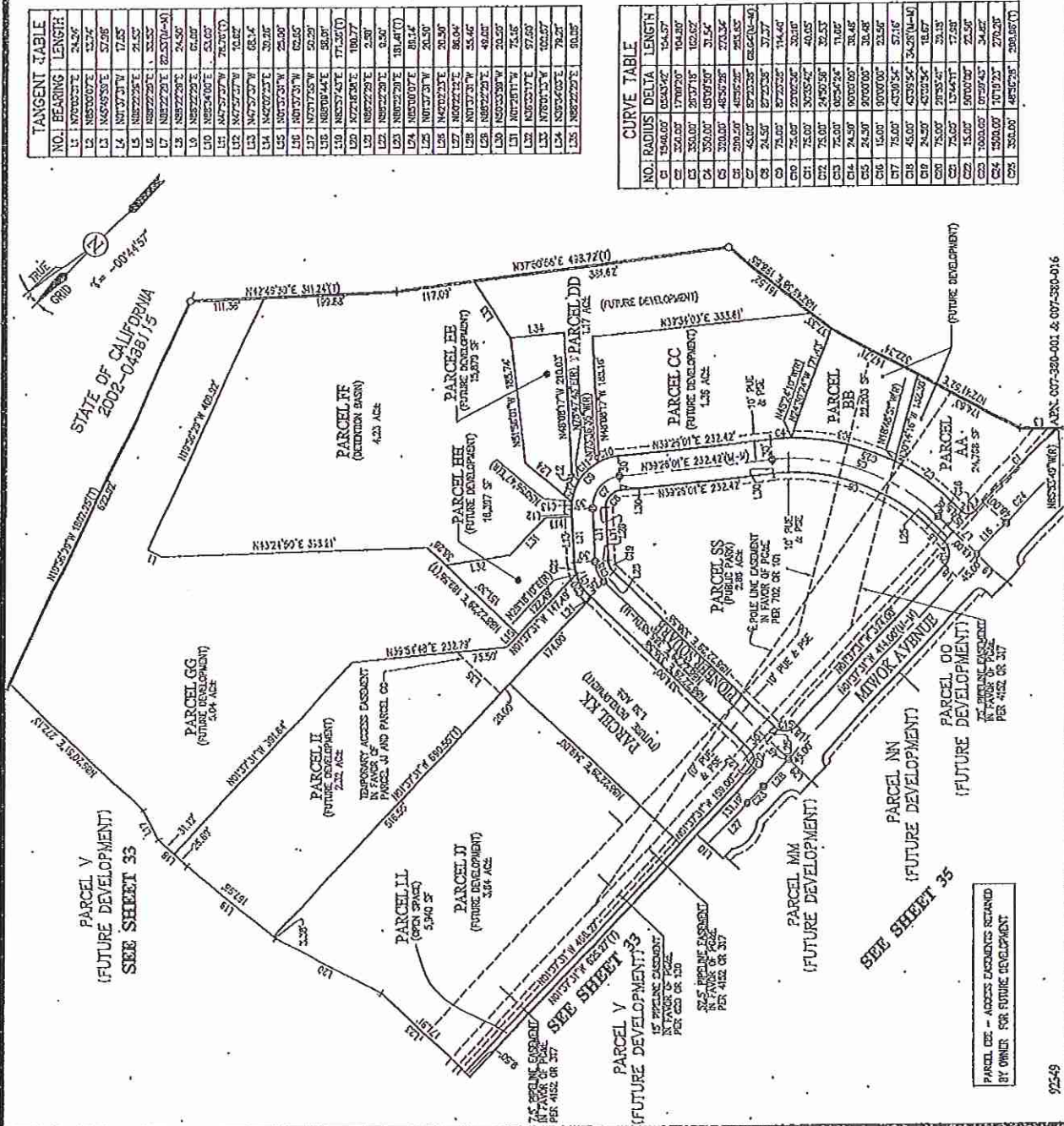
SAND CREEK ROAD



HIGHWAY 4

EXHIBIT 2

PARCEL MAP



TANGENT TABLE

NO.	BEARING	LENGTH
11	N70°02'37"E	24.50'
12	N85°00'07"E	33.24'
13	N45°49'30"E	57.08'
14	N71°37'31"W	17.85'
15	N82°22'59"E	24.50'
16	N82°22'59"E	33.25'
17	N82°22'59"E	24.50'
18	N82°22'59"E	61.00'
19	N82°22'59"E	53.00'
20	N47°52'27"W	78.70'(0)
21	N47°52'27"W	10.82'
22	N47°52'27"W	68.14'
23	N47°52'27"W	30.26'
24	N47°52'27"W	28.00'
25	N47°52'27"W	62.65'
26	N47°52'27"W	50.29'
27	N47°52'27"W	36.00'
28	N82°22'59"E	17.35'(0)
29	N82°22'59"E	10.27'
30	N82°22'59"E	2.80'
31	N82°22'59"E	0.50'
32	N82°22'59"E	10.47'(0)
33	N82°22'59"E	80.14'
34	N82°22'59"E	20.50'
35	N82°22'59"E	86.04'
36	N82°22'59"E	54.64'
37	N82°22'59"E	42.00'
38	N82°22'59"E	20.50'
39	N82°22'59"E	72.58'
40	N82°22'59"E	57.50'
41	N82°22'59"E	105.57'
42	N82°22'59"E	78.27'
43	N82°22'59"E	90.85'

CURVE TABLE

NO.	RADIUS	DELTA	LENGTH
1	1946.00'	60.53542°	124.327'
2	350.00'	170.070°	104.807'
3	350.00'	207.371°	102.627'
4	350.00'	69.707°	31.542'
5	200.00'	48.507°	27.334'
6	200.00'	48.507°	27.334'
7	45.00'	87.232°	68.621(0-4)
8	24.50'	87.232°	37.327'
9	74.00'	87.232°	114.407'
10	74.00'	220.767°	320.814'
11	75.00'	30.55542°	40.815'
12	75.00'	149.090°	32.237'
13	72.00'	162.542°	70.025'
14	74.50'	163.010°	30.446'
15	24.50'	207.000°	30.487'
16	15.00'	90.000°	21.567'
17	75.00'	42.09542°	57.115'
18	45.00'	42.09542°	24.271(0-4)
19	24.50'	42.09542°	18.627'
20	75.00'	207.354°	39.183'
21	75.00'	12.24471°	17.307'
22	15.00'	90.000°	21.567'
23	100.000'	1.072942°	24.267'
24	100.000'	1.072942°	270.207'
25	350.00'	48.53542°	208.877'

BASIS OF BEARINGS:
 THE BASIS OF BEARINGS FOR THIS MAP IS DETERMINED FROM FOUND MONUMENTS SHOWN THEREON. THE BEARING BEING NORTH 00°59'30" EAST BETWEEN STATION 2002 AND STATION 2003 AS SHOWN ON RECORD OF SURVEY NO. 2408 (118 LSN 451). COURSINA COORDINATE SYSTEM ZONE II (NAD 83). DISTANCES SHOWN ARE RECORD. MULTIPLE DISTANCES SHOWN BY 0.00000007 TO OBTAIN 0.00 DISTANCE.

LEGEND

- ()
- (N)
- (N-M)
- (M-N)
- MONUMENT TO MONUMENT
- MONUMENT TO PROPERTY LINE
- SET STANDARD STREET MONUMENT STRAPPED LS 2005
- SET 5/8" REBAR AND CAP LS 2005
- FOUND STANDING STREET MONUMENT
- FOUND MONUMENT AS NOTED
- RECORD DATA AS NOTED
- SQUARE FEET
- ACRES
- AC
- PUE
- PUE
- SEC
- SNF
- SNF
- STATE ROUTE 4 BYPASS AUTHORITY
- REINFORCEMENT OF ADJACENT RIGHTS AND PRIVATE ACCESS PROHIBITED

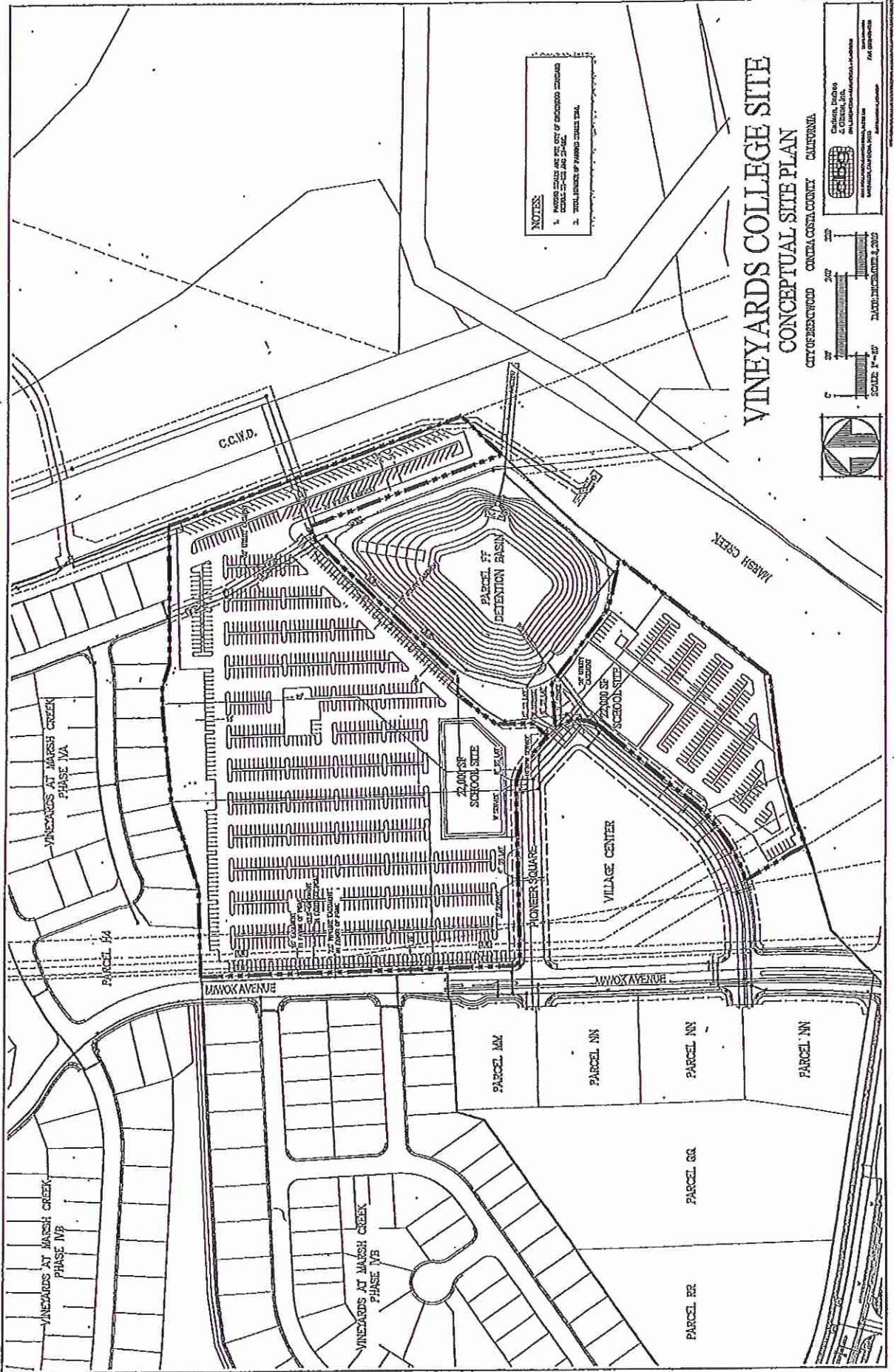
REFERENCES:

- (1) RECORD OF SURVEY 2202 (114 LSN 27)
- (2) SUBDIVISION NO. 2 (11 M 255)
- (3) SUBDIVISION NO. 8 (17 M 275)
- (4) SUBDIVISION 3831 (202 M 25)
- (5) MAP OF RANCHO LOS MEGANOS (9 M 202)
- (6) RECORD OF SURVEY 2408 (118 LSN 451)
- (7) RECORD OF SURVEY - A PORTION OF RANCHO LOS MEGANOS (9 M 202)
- (8) SUBDIVISION 2824 (204 M 1)
- (9) LOT LINE ADJUSTMENT DOCUMENT 2002-0007060
- (10) RECORD OF SURVEY (24 LSN 10)

SUBDIVISION 8796
THE VINEYARDS AT MARSH CREEK
 A PORTION OF THE MAP OF RANCHO LOS MEGANOS (9 M 202) AND A PORTION OF LOT 288, BRENTWOOD IRRIGATED FARMS NO. 8 (17 M 275)
 CITY OF BRENTWOOD
 CONTRA COSTA COUNTY, CALIFORNIA
 CARLSON, BARBEE & GIBSON, INC.
 CIVIL ENGINEERS • SURVEYORS • PLANNERS
 544 RAINSON, CALIFORNIA
 APRIL 24, 2005
 SCALE 1"=100'

EXHIBIT 3

CONCEPTUAL SITE PLAN





DEPARTMENT OF FINANCE

EXHIBIT 4
DRU ENROLLMENT PROJECTIONS LETTER

ARNOLD SCHWARZENEGGER, GOVERNOR
915 L STREET SACRAMENTO CA 95814-3706 WWW.DOF.CA.GOV

January 11, 2010

Tom Beckett
tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520

Dear Mr. Beckett:

The Demographic Research Unit has reviewed and approves the enrollment projection for Contra Costa Community College District's Brentwood Center. The reviewed Service Area Population and Enrollment Projections Study includes projections based on a growth driven model and a facilities driven model. In the following table, years 2009-2013 are produced by the facilities driven model and 2014-2017 by the growth driven model.

Table with 5 columns: Year, Fall Enrollment, WSCH/Enrollment, WSCH, Fall FTES. Rows include 2008 actual and projections from 2009 to 2017.

We extend our best wishes for the success of the center.

Sincerely,

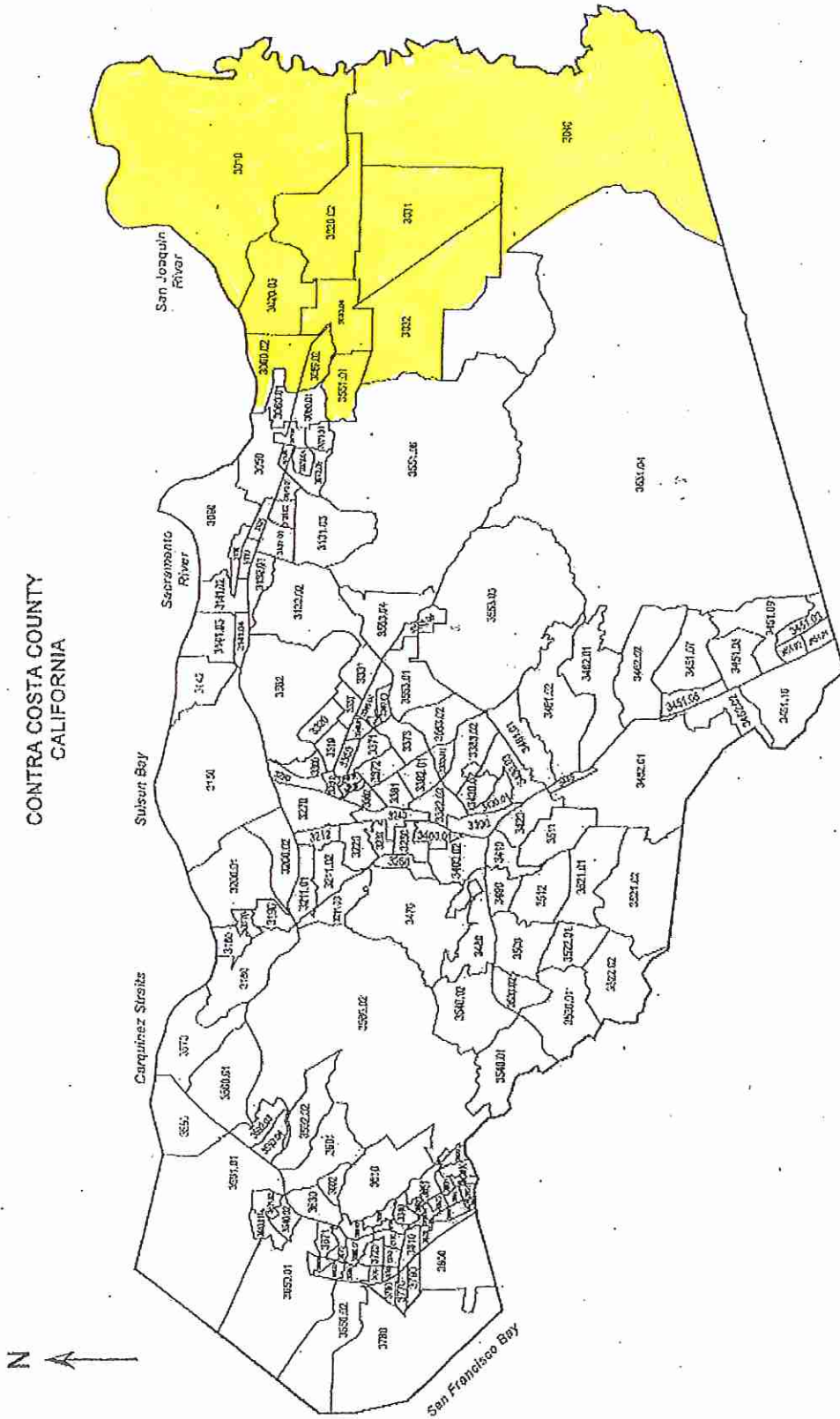
Mary Heim (handwritten signature)

Mary Heim, Chief
Demographic Research Unit
Department of Finance

- cc: Frederick Harris, Assistant Vice Chancellor, CCCCCO
Mary Just, Facilities Planning Specialist, CCCCCO
Stacy Wilson, Facility Review Coordinator, CPEC
Frank Baratta PhD, tBP/Architecture

EXHIBIT 5

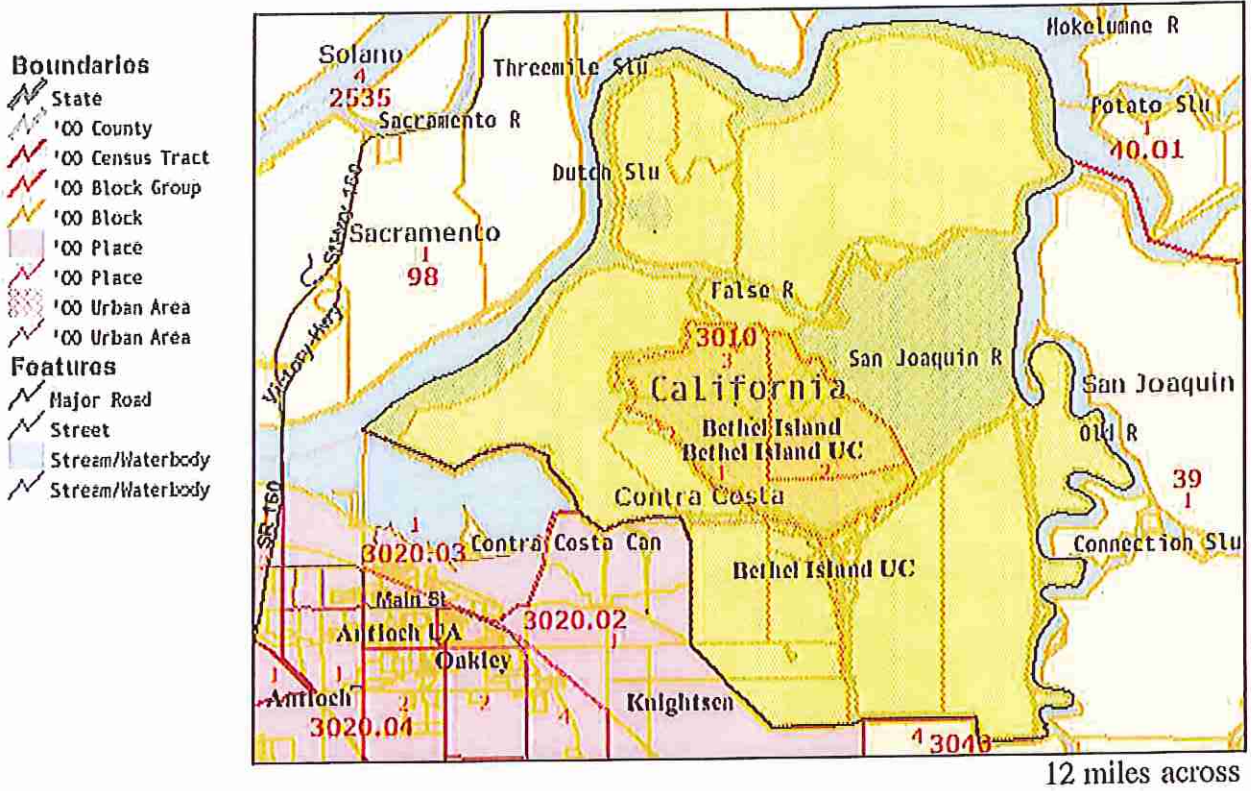
GEOGRAPHICAL LOCATION OF CENSUS TRACTS IN BRENTWOOD EDUCATIONAL CENTER SERVICE AREA



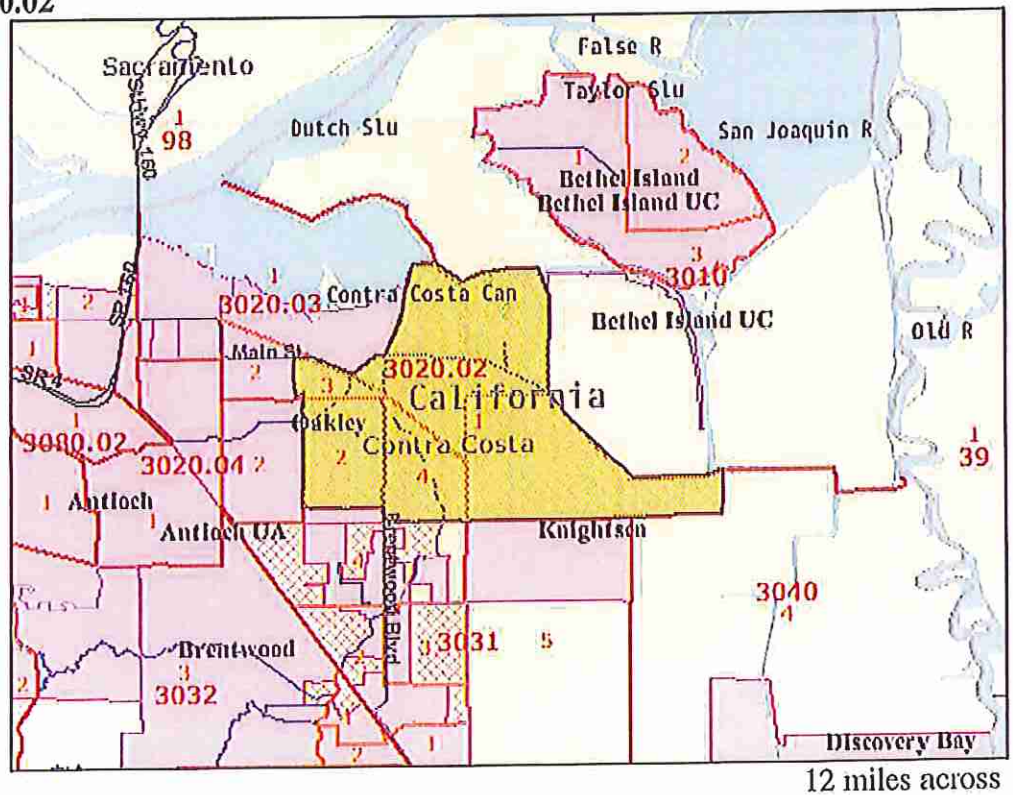
Source: Office of District Research, Contra Costa CCD, October 2004. Census Tract boundaries based on Thomas Bros. Maps 2000.

EXHIBIT 6 CENSUS TRACT MAPS

Census Tract 3010

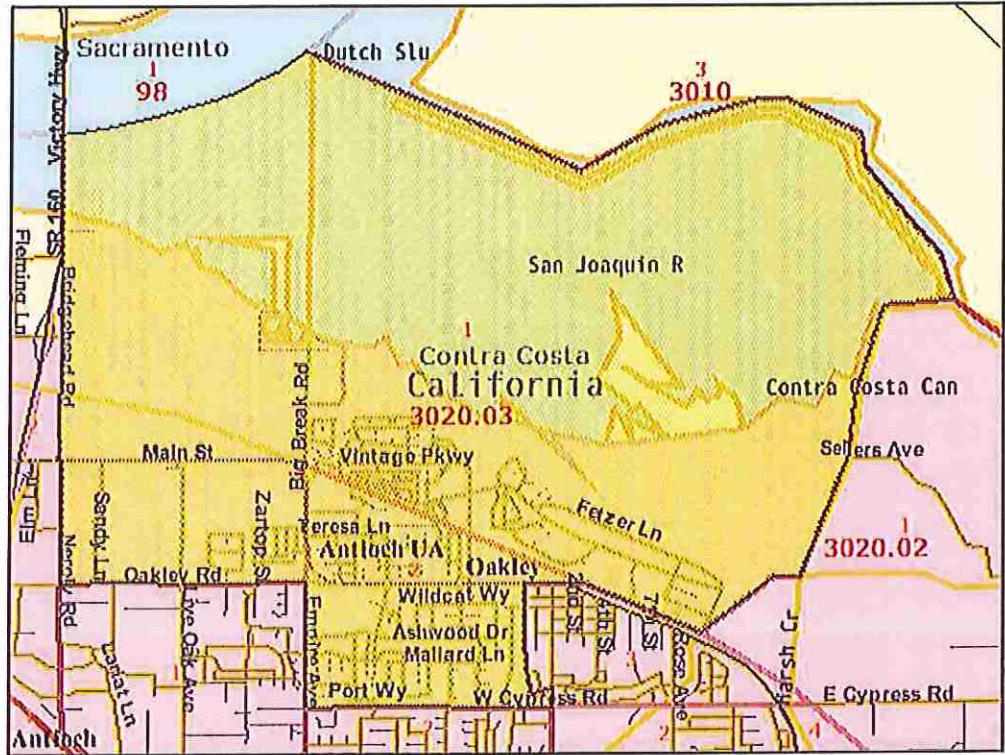


Census Tract 3020.02



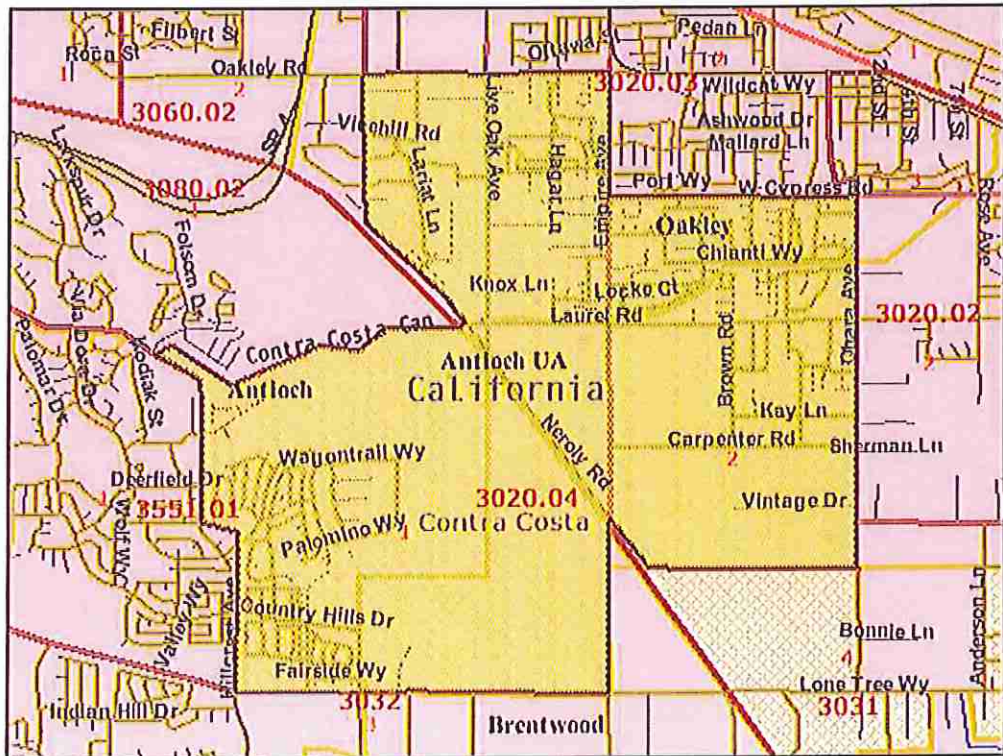
Census Tract 3020.03

- Boundaries**
- State
 - '00 County
 - '00 Census Tract
 - '00 Block Group
 - '00 Block
 - '00 Place
 - '00 Place
 - '00 Urban Area
 - '00 Urban Area
- Features**
- Major Road
 - Street
 - Stream/Waterbody
 - Stream/Waterbody



4 miles across

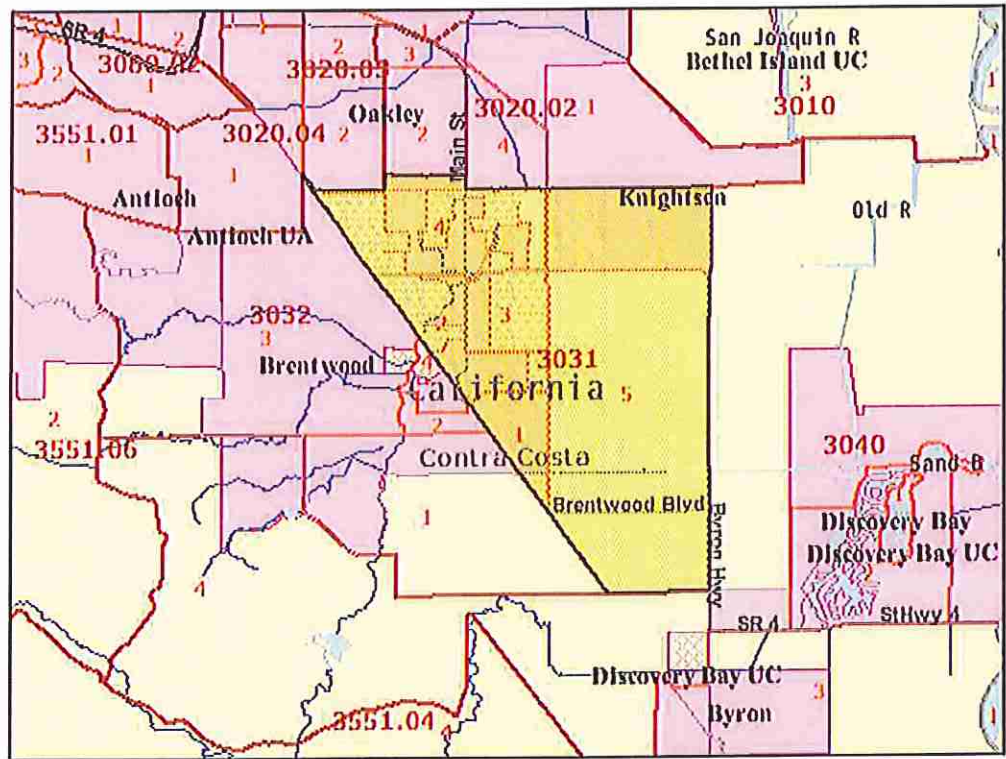
Census Tract 3020.04



4 miles across

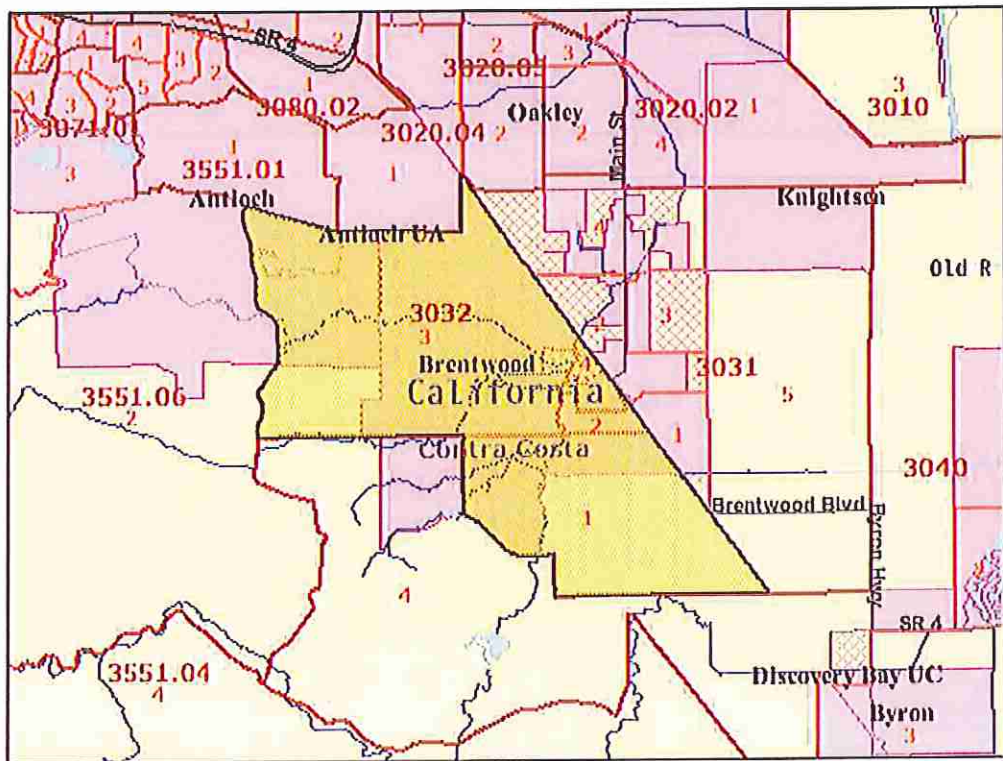
Census Tract 3031

- Boundaries**
- State
 - '00 County
 - '00 Census Tract
 - '00 Block Group
 - '00 Place
 - '00 Place
 - '00 Urban Area
 - '00 Urban Area
- Features**
- Major Road
 - Street
 - Stream/Waterbody
 - Stream/Waterbody



12 miles across

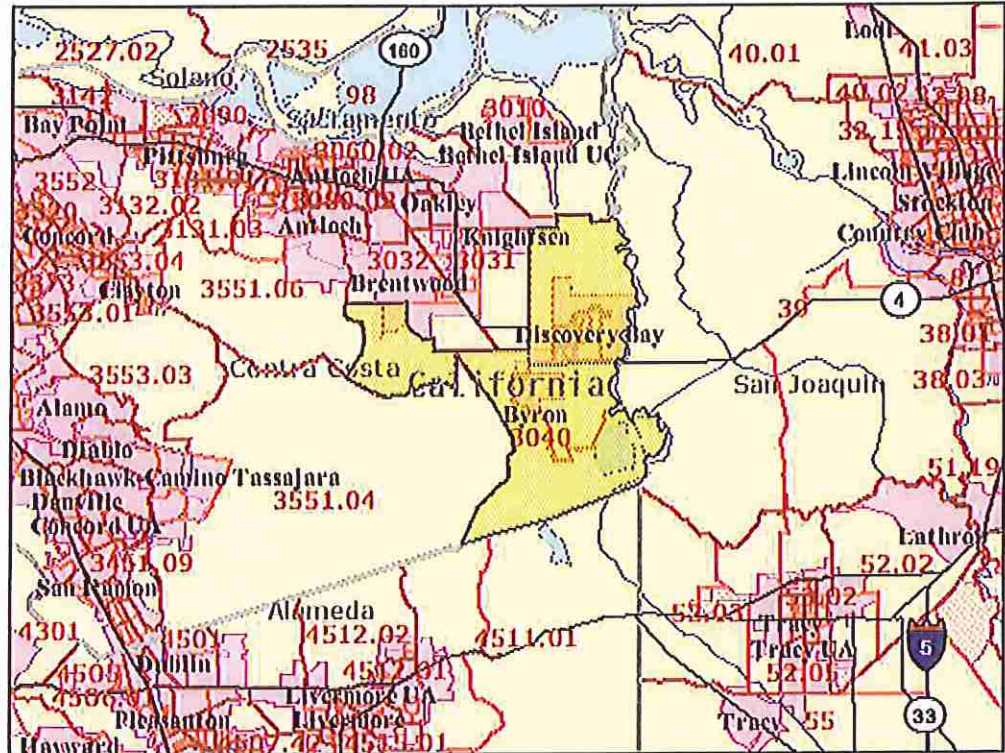
Census Tract 3032



12 miles across

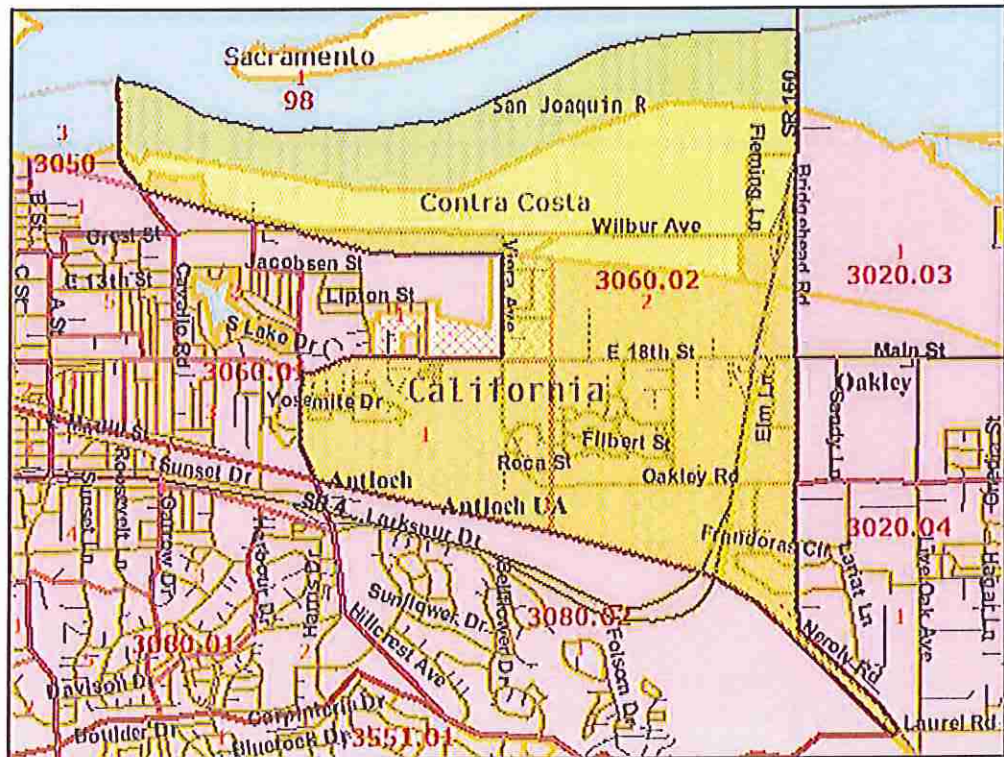
Census Tract 3040

- Boundarys**
- State
 - '00 County
 - '00 Census Tract
 - '00 Block Group
 - '00 Place
 - '00 Place
 - '00 Urban Area
 - '00 Urban Area
- Features**
- Major Road
 - Stream/Waterbody
 - Stream/Waterbody



40 miles across

Census Tract 3060.02



4 miles across

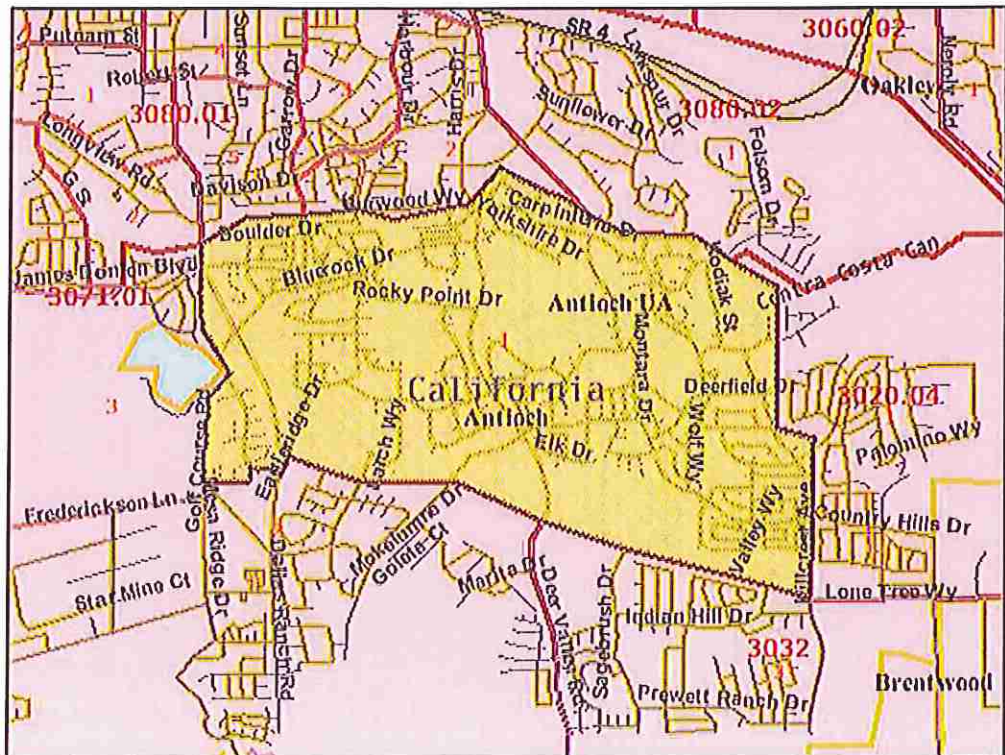
Census Tract 3080.02

- Boundaries**
- State
 - '00 County
 - '00 Census Tract
 - '00 Block Group
 - '00 Block
 - '00 Place
 - '00 Place
 - '00 Urban Area
 - '00 Urban Area
- Features**
- Major Road
 - Street
 - Stream/Waterbody
 - Stream/Waterbody



4 miles across

Census Tract 3551.01



4 miles across

EXHIBIT 7
TENTATIVE TIME SCHEDULE FOR DEVELOPMENT OF
BRENTWOOD EDUCATIONAL CENTER

Activity	Date
Acquire Site	Pending
Submit Preliminary Notice	Completed
Prepare preliminary 5-year enrollment projection	Completed
Submit Letter of Intent	Feb 2005
Letter of Intent approved by Chancellor's Office	Jun 2005
Letter of Intent approved by CPEC staff	Jan 2006
Update Letter of Intent	Sep 2009
Update approved by Chancellor's Office	Oct 2009
Update approved by CPEC	Nov 2009
Needs Study update completed	Aug 2011
Population and enrollment projections approved by DOFDRU	Jan 2010
Needs Study submitted to Chancellor's Office	Aug 2011
Needs Study scheduled as information item before BOG	Oct 2011
Needs Study scheduled as action item before BOG	Nov 2011
Submit IPP for facilities	June 2010
Submit FPP for facilities	June 2011
Request PW for facilities	Oct 2013
Request CE for facilities	Jan 2015
Site Preparation/construction/equipping/completion	July 2017
Occupancy of facilities	July 2017
Begin classes in new center	Aug 2017

EXHIBIT 8
ASF SPACE ALLOCATION BY PROGRAM FOR BOTH PHASE I AND II

LOS MEDANOS COLLEGE
BRENTWOOD CENTER PLANNING
tBP/Architecture

SPACE PROGRAM (ASF)

Type	TOTAL	PHASE I	PHASE II
Interdisciplinary Lecture	7,218	4,350	2,868
Interdisciplinary and Science Labs	26,300	14,300	12,000
Tutorial Lab (30 stations)	1,200		1,200
Distance Learning Lab (15 stations)	600		600
Office/Administration	5,335	3,835	1,500
Learning Resource Center	7,750	4,750	3,000
AV/TV	1,000		1,000
Child Development Center (30 children)	4,290		4,290
Conference/Meeting	2,000	1,500	500
Student Services	950	450	500
Cafeteria/Vending	1,500		1,500
Bookstore/Retail	1,500	1,500	
Data Processing	400	200	200
	60,043	30,885	29,158

EXHIBIT 10

COST ESTIMATE SUMMARY AND ANTICIPATED TIME SCHEDULE - JCAF 32

Campus: Los Medanos College (Contra Costa CCD)

Project Title: Brentwood Center Phase I

Date Prepared: 8/8/2011

Original CCI: 5394
Original EPI: 3016

CFIS Ref No.:
Budget Ref. No.:
Prepared by:

tBP/Architecture
PN 20816.02

Request for: A P W C E X

1. Site Acquisition	Plans	Total Cost	State Funded	District Funded	
				State-Supportable	Non State-Supportable
Acres: Budget CCI: 5394		\$728,704	\$507,704	\$221,000	
A.	Architectural Fees (for preliminary plans)	\$510,598			
B.	Project Management (for preliminary plans)	\$182,356			
C.	Preliminary Tests (soil, hazardous materials)	\$20,000			
D.	Other Costs (for preliminary plans)	\$15,750			
3. Working Drawings		\$908,108	\$632,108	\$276,000	
Acres: Budget CCI: 5394		\$656,483			
A.	Architectural Fees (for working drawings)				
B.	Project Management (for working drawings)				
C.	Division of the State Architect Plan Check Fee	\$101,525			
D.	Community College Plan Check Fee	\$52,099			
E.	Other Costs (for working drawings)	\$98,000			
(Total PW may not exceed 13% of construction)					
4. Construction		\$18,235,643	\$12,829,643	\$5,406,000	
Acres: Budget CCI: 5394		\$864,759			
A.	Utility Service	\$1,626,030			
B.	Site Development, Service	\$1,461,275			
C.	Site Development, General	\$0			
D.	Other Site Development	\$0			
E.	Reconstruction	\$0			
F.	New Construction (building) (w/Group 1 equipment)	\$14,263,579			
G.	Other	\$0			
5. Contingency		\$911,782	\$703,782	\$208,000	
6. Architectural and Engineering Overnight		\$291,770	\$203,770	\$88,000	
7. Tests and Inspections		\$442,356	\$309,356	\$133,000	
A.	Tests	\$182,356	\$127,356	\$55,000	
B.	Inspections	\$260,000	\$182,000	\$78,000	
8. Construction Management (if justified)		\$364,713	\$253,713	\$111,000	
9. Total Construction Costs (items 4 through 8 above)		\$20,246,265	\$14,167,265	\$6,079,000	
10. Furniture and Group 2 Equipment		\$2,595,963	\$1,828,963	\$767,000	
Acres: Budget EPI: 3016		\$24,479,040	\$17,136,040	\$7,343,000	
11. Total Project Costs (items 1, 2, 3, 9 and 10)					
12. Project Data		Unit Cost Per ASF	Unit Cost Per GSF	Ratio ASF/GSF	
Construction	Outside GSF	47,515	\$301	0.65	
	Assignable Square Feet	30,885	\$462		
	State Supportable ASF:	30,885	\$462		
	Non-State Supportable ASF:				
13. Anticipated Time Schedule					
Start Preliminary Plans	10/1/2013	Advertise Bid for Construction	1/1/2015		
Start Working Drawings	1/1/2014	Award Construction Contract	5/1/2015		
Complete Working Drawings (to DSA)	7/1/2014	Advertise Bid for Equipment	7/1/2016		
DSA Final Approval	12/1/2014	Complete Project	7/1/2017		
			% of SS Total	70%	
			State Funded	70%	
			District Funded Supportable	30%	
			District Funded Total		
			State-Supportable		
			Non State-Supportable		
			SS Total:	\$7,343,000	\$24,479,040

MAPS

MAP 1
LOCATION OF CONTRA COSTA COUNTY
IN RELATION TO OTHER BAY AREA COUNTIES

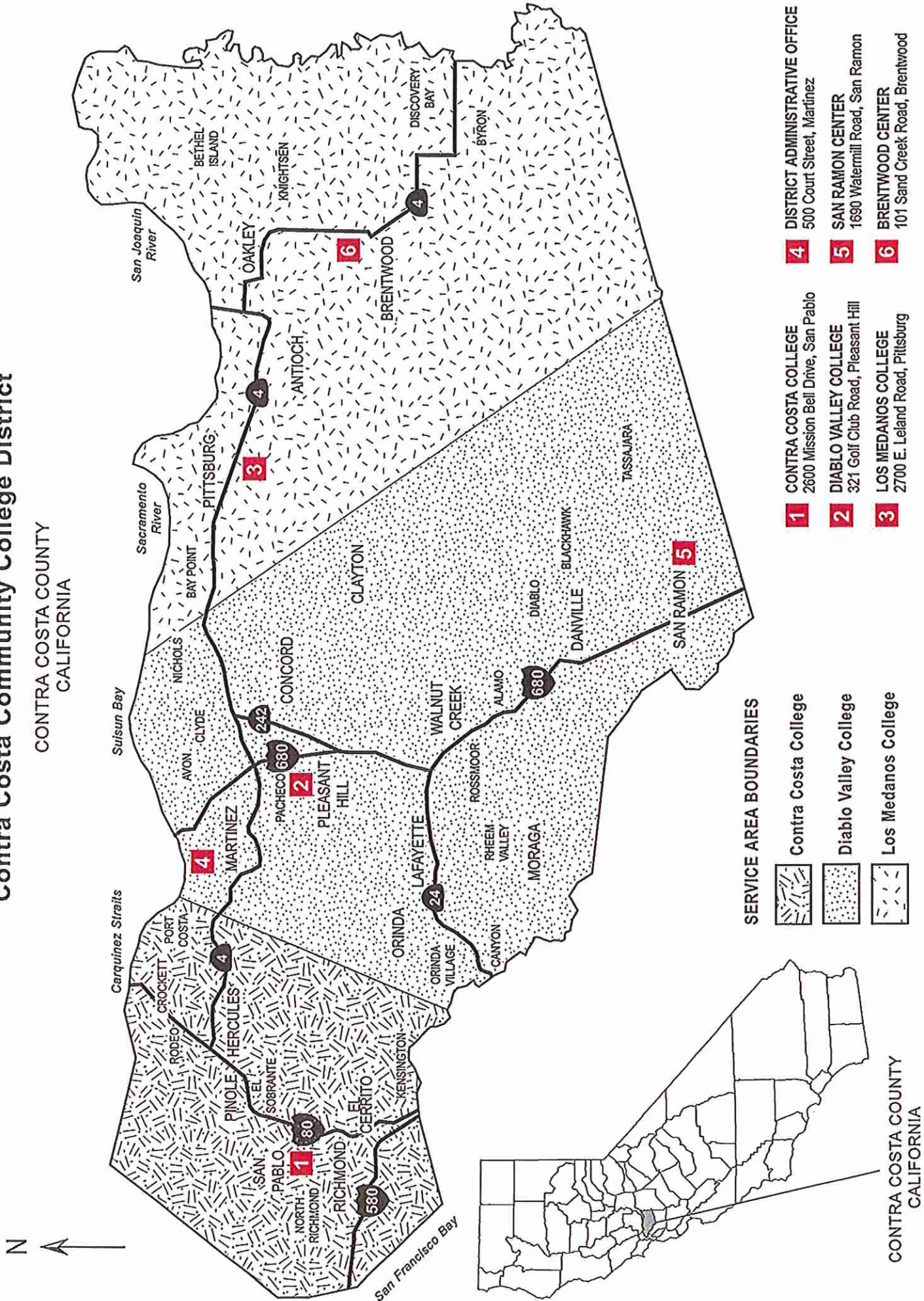


SAN FRANCISCO BAY AREA






Contra Costa Community College District

CONTRA COSTA COUNTY
CALIFORNIA



SERVICE AREA BOUNDARIES

-  Contra Costa College
-  Diablo Valley College
-  Los Medanos College

- 1** CONTRA COSTA COLLEGE
2600 Mission Bell Drive, San Pablo
- 2** DIABLO VALLEY COLLEGE
321 Golf Club Road, Pleasant Hill
- 3** LOS MEDANOS COLLEGE
2700 E. Leland Road, Pittsburg
- 4** DISTRICT ADMINISTRATIVE OFFICE
500 Court Street, Martinez
- 5** SAN RAMON CENTER
1690 Watermill Road, San Ramon
- 6** BRENTWOOD CENTER
101 Sand Creek Road, Brentwood

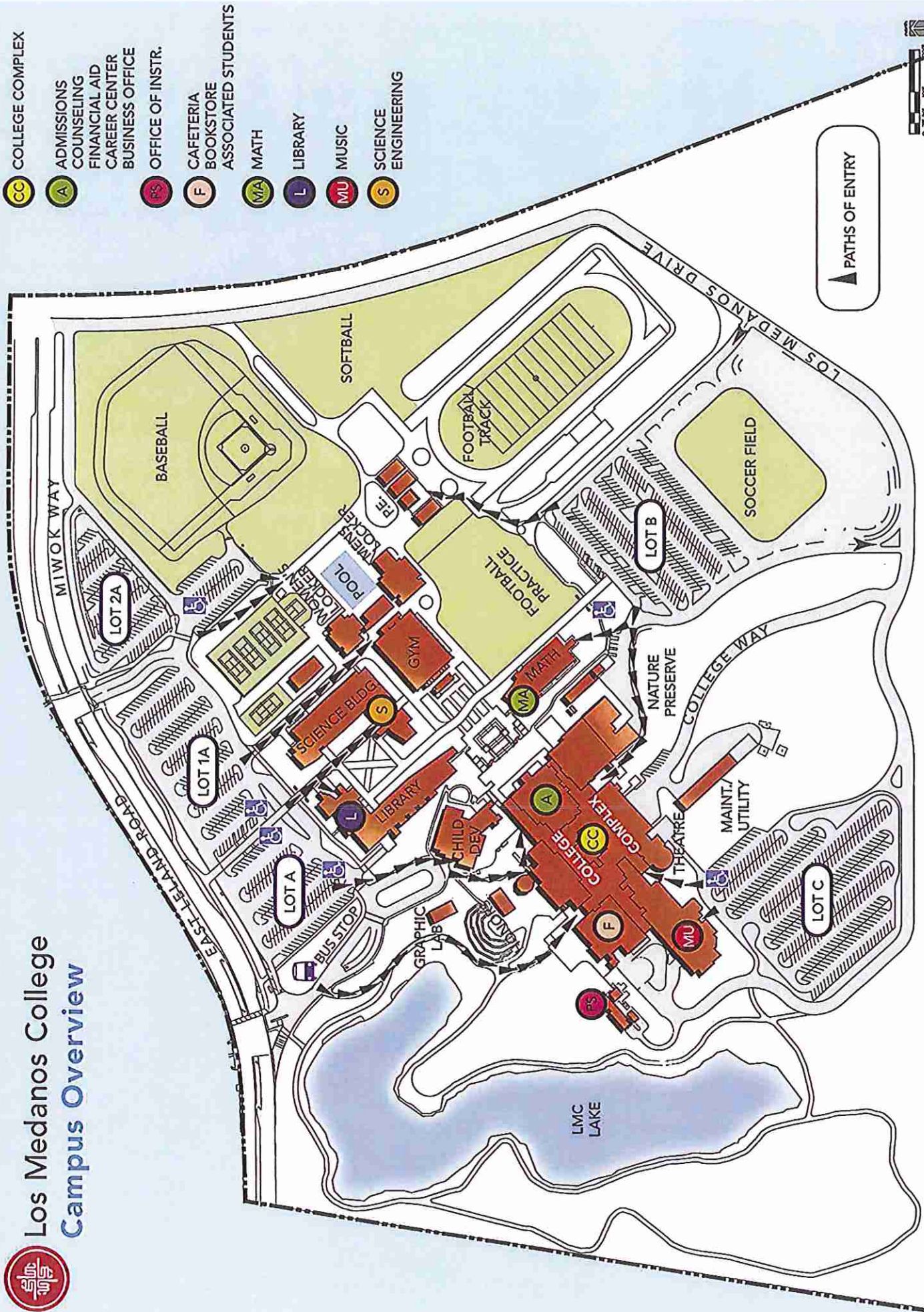
CONTRA COSTA COUNTY
CALIFORNIA

Source: Office of District Research, Contra Costa CCD. August 2002. Placement of cities, freeways, highways and district locations are based on Thomas Bros. Maps 2000. Service area boundaries are determined by Board approved negotiations.



Los Medanos College Campus Overview

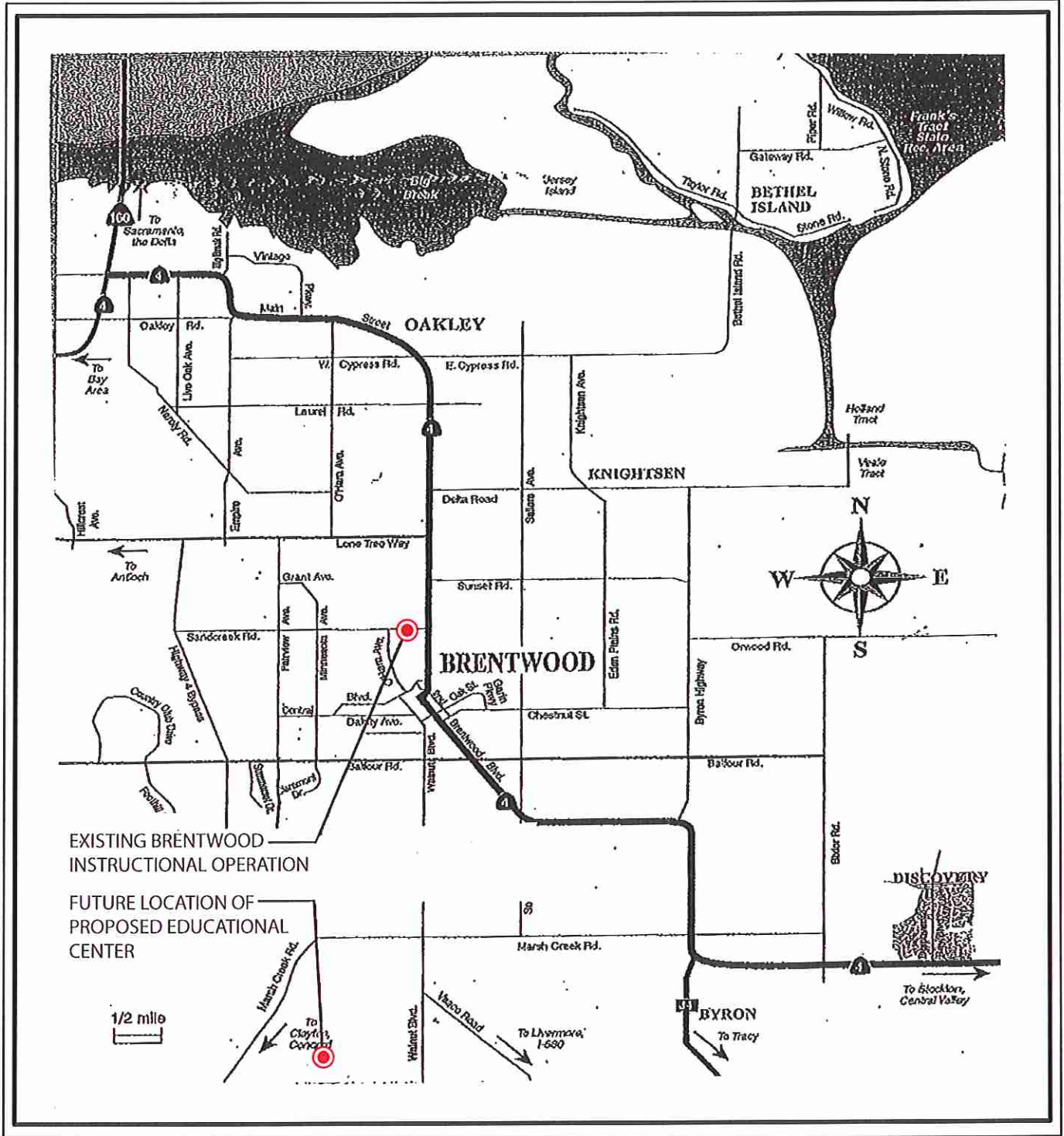
MAP 3 - LOS MEDANOS COLLEGE SITE LAYOUT



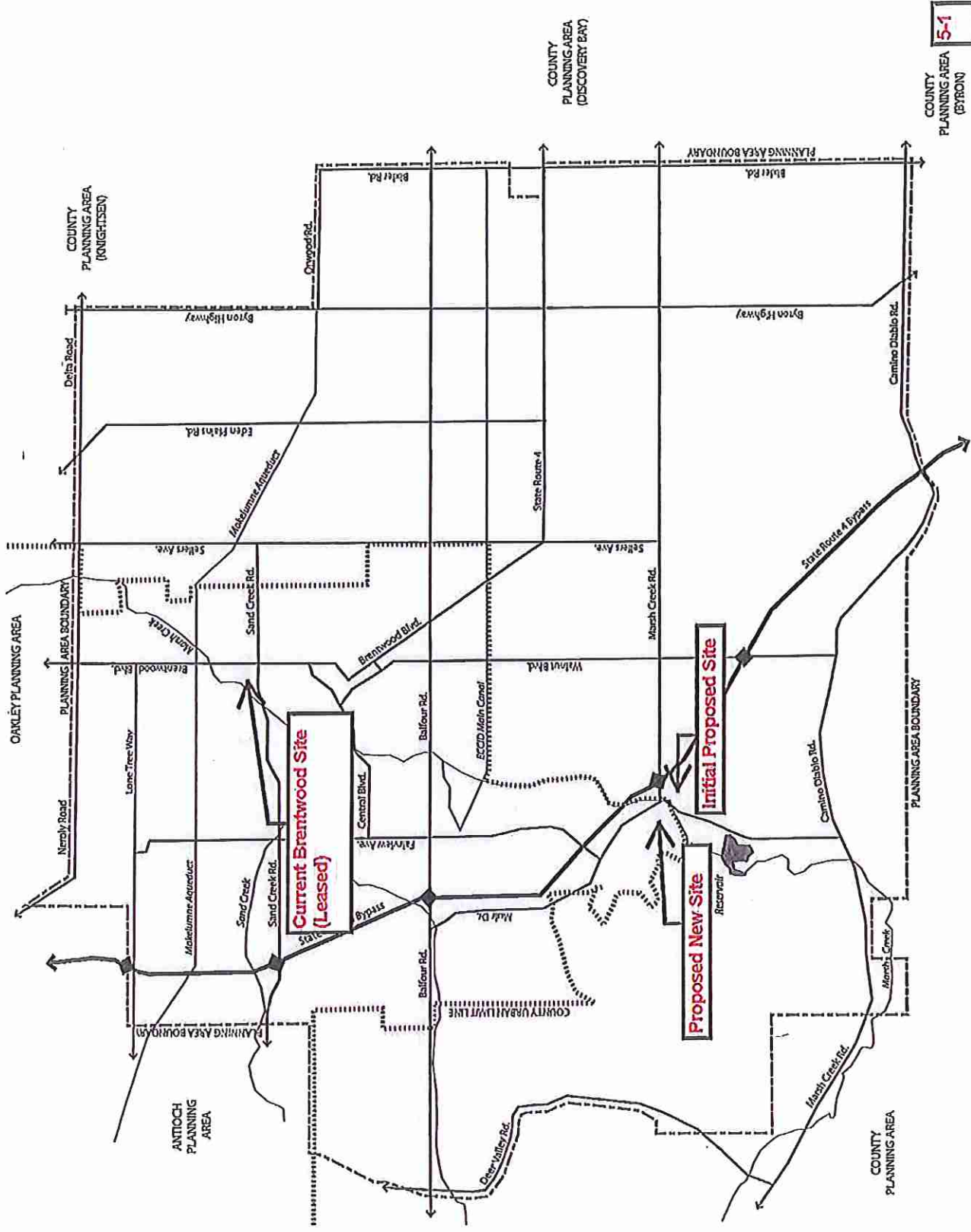
2700 East Leland Road • Pittsburg, CA 94565 • (925) 439 - 2181 • www.losmedanos.edu

MAP 4

LOCATION OF EXISTING BRENTWOOD OUTREACH CENTER

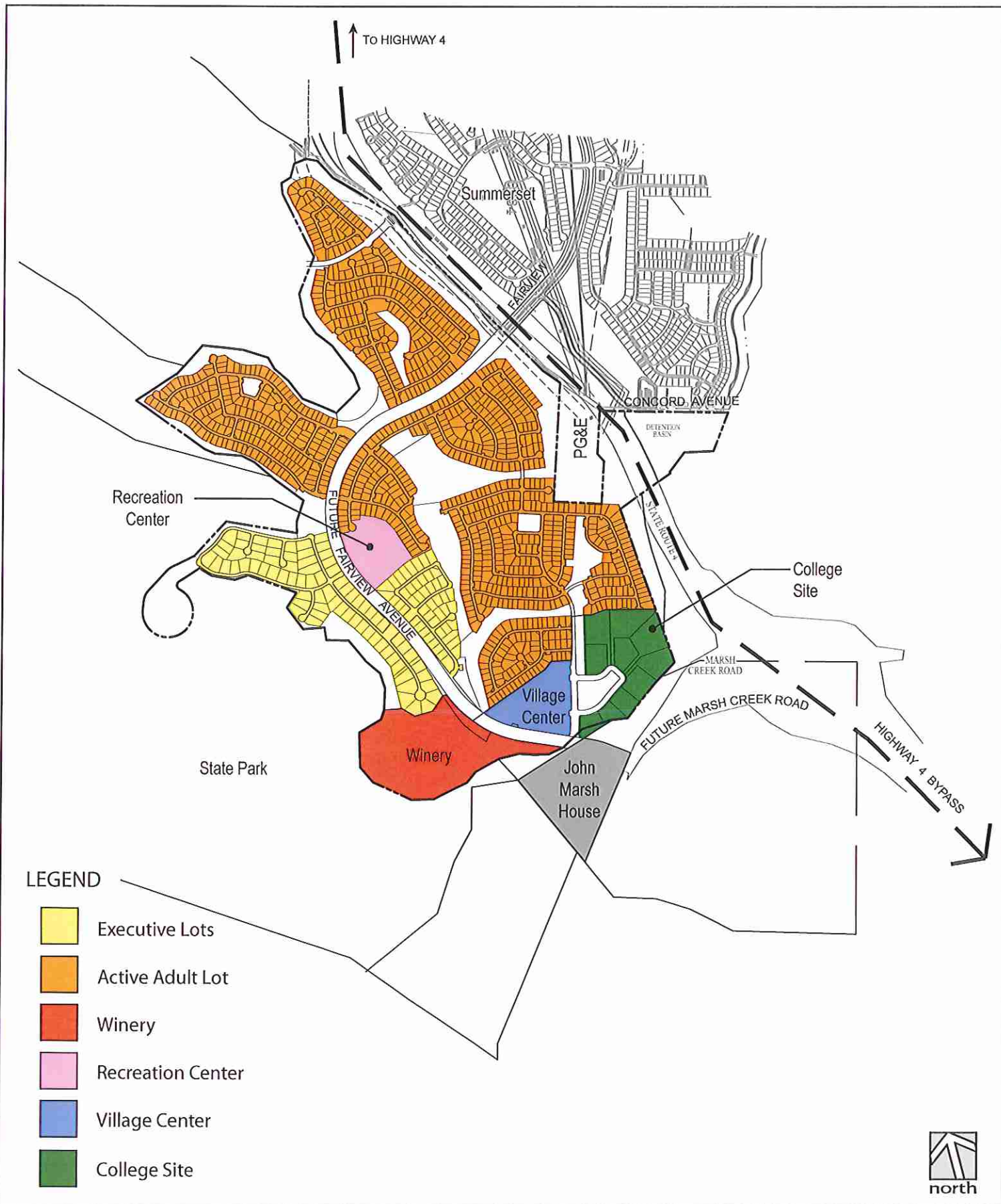


MAP 5 PROPOSED NEW SITE



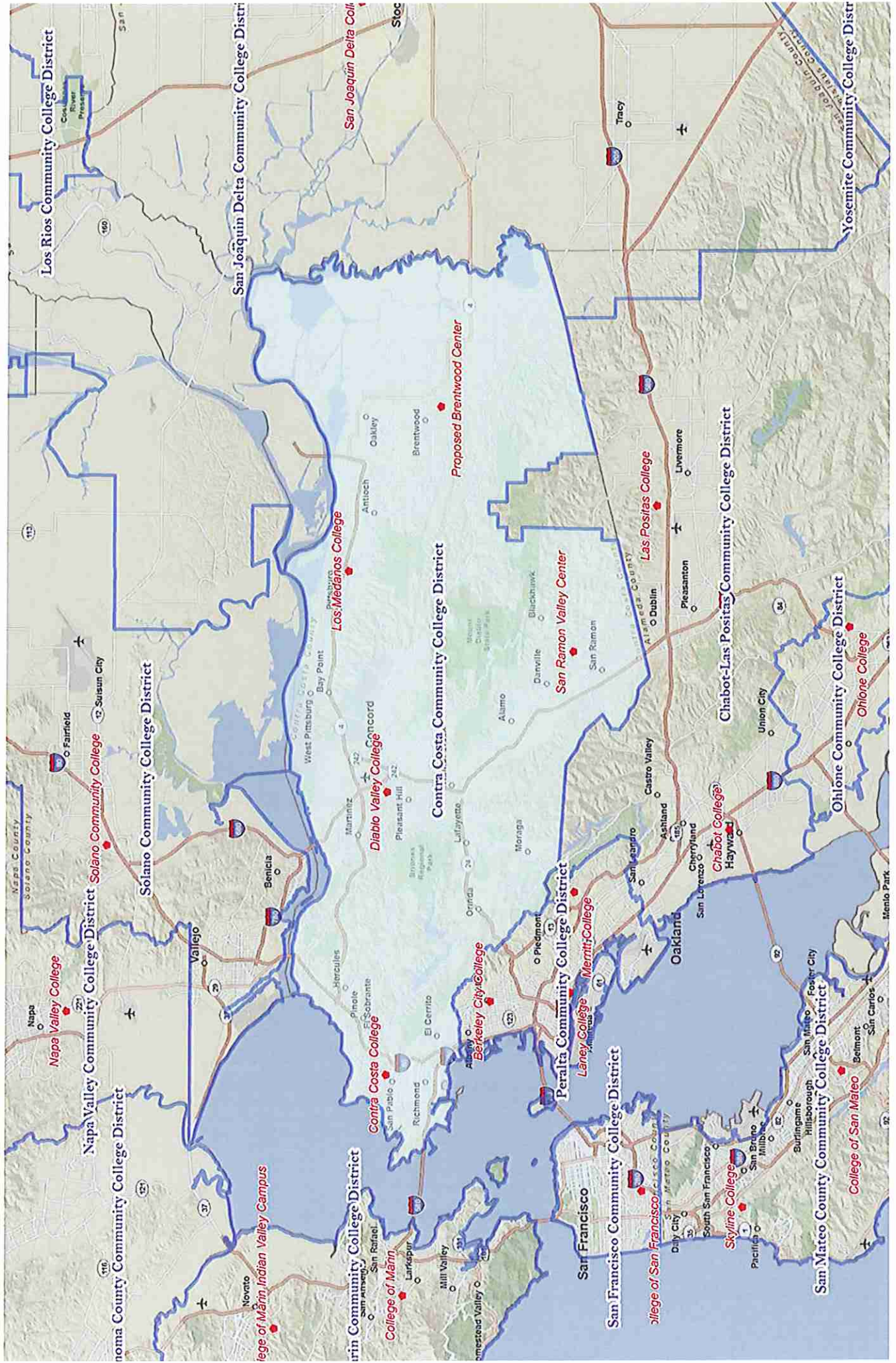
MAP 6

THE VINEYARDS AT MARSH CREEK AND ANNEXATION SITES



Source: Carlson Barbee & Gibson (2003)

LOCATION OF CONTIGUOUS AND NEIGHBORING DISTRICTS IN RELATION TO CONTRA COSTA CCD



TABLES

TABLE 1

Population Estimates for Contra Costa County, California and Selected Cities in Eastern Contra Costa County, 1990-2009

Area	1990	2009	Numeric Increase	Percentage Change
Brentwood	7,563	51,908	44,345	586.3%
Antioch	62,195	100,957	38,762	62.3%
Pittsburg	47,607	63,771	16,164	33.0%
Contra Costa County	803,732	1,060,435	256,703	31.9%
California	29,758,213	38,292,687	8,534,474	28.7%

Source: California Department of Finance, Population Estimates for Selected Areas.

TABLE 2

Fall Headcount Enrollments for Los Medanos College, Contra Costa CCD and the California Community College System, Fall 1992-2009

Fall	Los Medanos College	Contra Costa CCD	California Community College System
1992	8,539	41,363	1,499,965
2009	10,976	42,093	1,796,598
Numerical Change	2,437	730	296,633
Percentage Change	28.5%	1.76%	19.78%

Source: California Community Colleges Chancellor's Office Data Mart.

TABLE 3

Higher Education Attainment Levels for Adults 25 years or Older in Selected Areas, 2000

Area	Adults with "some" college	Adults with an Associates degree	Adults 25 with a Bachelor's degree or higher
Brentwood	28.7%	7.9%	21.0%
Oakley Contra Costa County	32.4%	8.3%	13.7%
California	24.4%	7.7%	35.0%
	22.9%	7.1%	26.6%

Source: Census 2000 Summary File 3, U.S. Census Bureau.

TABLE 4

Population Distribution by Race and Ethnicity for Selected Bay Area Communities

Area	Latino		Non-Latino						
	White	African American	Native American & Alaska Native	Asian	Native Hawaiian & Other Pacific Islander	Some Other Race	Two or More Races		
Brentwood	56.5	5.8	0.1	6.2	0.7	0.6	3.9		
Oakley	51.8	6.1	0.3	4.5	0.1	0.1	3		
Contra Costa County	51.2	9.0	0.3	13.3	0.4	0.5	3		
Bay Area*	50.0	7.3	0.4	18.8	0.5	0.3	3.3		

*Includes the nine counties illustrated in Map 1.

Source: 2005-2009 American Community Survey US Census Bureau Association of Bay Area Governments.

TABLE 5

Actual and Projected Population for the Brentwood Service Area

Description of Census Tract	Census Tract	Actual and Projected Population					
		2000*	2005	2010	2015	2020	
Bethel Island CDP/Uninc. County	3010.00	3,355	4,810	5,715	5,690	5,665	
Knightsen CDP/Oakley	3020.02	8,475	11,023	12,937	13,889	14,918	
Oakley	3020.03	10,231	11,258	11,891	12,816	13,530	
Antioch/Oakley	3020.04	10,906	12,113	13,602	14,579	15,631	
Brentwood/Knightsen CDP/Oakley/Oakley Uninc. County	3031.00	8,321	10,691	12,815	13,854	14,942	
Antioch/Brentwood/Brentwood Uninc. County	3032.00	21,608	26,769	33,048	35,878	38,632	
Brentwood/Byron CDP/Discovery Bay CDP/Discovery Bay Uninc. County	3040.00	10,882	12,446	15,129	15,095	15,047	
Antioch/Oakley/Oakley Uninc. County	3060.02	3,208	3,360	3,691	3,927	4,529	
Antioch	3080.02	4,206	4,783	4,954	5,262	5,535	
Antioch	3551.01	15,237	16,666	18,002	19,114	19,934	
Total Service Area		96,429	113,919	131,784	140,104	148,363	
Percentage Change Over 2000 Population			18.1%	36.7%	45.3%	53.9%	

*Actual Population.

Source: Office of Research, Contra Costa Community College District, December 2004. Adapted from ABAG Regional Data Center Reports, Projections 2003.

TABLE 6

State, Contra Costa County, CCCCDC, LMC, and Brentwood Center Population Growth Statistics, 1990-2009

Year	California		Contra Costa County		County Adult(18-65)		CCCCDC Undup		LMC Undup		Brentwood Undup		Annual % Chg.	
	Population	% Chg.	Population	% Chg.	Population	% Chg.	Fall Totals	% Chg.	Fall Totals	% Chg.	Fall Totals	% Chg.	Fall Totals	% Chg.
1990	29,758,213		803,732		522,858		41,027		9,412					
1991	30,143,555	1.3%	814,985	1.4%	531,761	1.7%	41,274	0.6%	9,971	5.9%				
1992	30,722,998	1.9%	832,229	2.1%	540,368	1.6%	41,362	0.2%	8,539	-14.4%				
1993	31,150,786	1.4%	848,587	2.0%	548,738	1.5%	36,718	-11.2%	7,481	-12.4%				
1994	31,418,940	0.9%	860,963	1.5%	552,818	0.7%	37,475	2.1%	8,135	8.7%				
1995	31,617,770	0.6%	869,176	1.0%	555,973	0.6%	37,040	-1.2%	8,286	1.9%				
1996	31,837,399	0.7%	878,070	1.0%	560,708	0.9%	37,918	2.4%	8,651	4.4%				
1997	32,207,869	1.2%	892,630	1.7%	570,347	1.7%	39,225	3.4%	8,973	3.7%				
1998	32,657,877	1.4%	910,831	2.0%	580,311	1.7%	39,548	0.8%	8,934	-0.4%				
1999	33,140,771	1.5%	928,482	1.9%	589,031	1.5%	39,331	-0.5%	8,732	-2.3%				
2000	33,873,086	2.2%	948,816	2.2%	601,824	2.2%	38,521	-2.1%	9,235	5.8%				
2001	34,430,970	1.6%	966,095	1.8%	617,245	2.6%	40,473	5.1%	10,289	11.4%	554			
2002	35,063,959	1.8%	981,614	1.6%	626,806	1.5%	43,801	8.2%	10,424	1.3%	1,031	86.1%		
2003	35,652,700	1.7%	993,766	1.2%	637,399	1.7%	39,324	-10.2%	8,977	-13.9%	917	-11.1%		
2004	36,199,342	1.5%	1,005,678	1.2%	647,153	1.5%	38,059	-3.2%	8,899	-0.9%	1,503	63.9%		
2005	36,676,931	1.3%	1,016,407	1.1%	655,190	1.2%	36,580	-3.9%	8,496	-4.5%	1,492	-0.7%		
2006	37,086,191	1.1%	1,025,509	0.9%	662,086	1.1%	36,334	-0.7%	8,280	-2.5%	1,731	16.0%		
2007	37,472,074	1.0%	1,035,322	1.0%	671,214	1.4%	38,180	5.1%	8,892	7.4%	1,939	12.0%		
2008	37,883,992	1.1%	1,048,242	1.2%	680,334	1.4%	40,655	6.5%	9,846	10.7%	2,317	19.5%		
2009	38,292,687	1.1%	1,060,435	1.2%	688,467	1.2%	42,428	4.4%	10,000	1.6%	2,438	5.2%		
1990-2009	Average:	1.3%		1.5%		1.5%		0.3%		0.6%				
2000-2009	Average:	1.5%		1.3%		1.6%		0.9%		1.6%				23.87%

County populations figures from Department of Finance E-4 reports (9,11).

County adult population totals from Department of Finance census files (10).

District 1990-2008 fall entries and Fall 2009* estimate from CCCCDC (1).

LMC 1990-2008 fall figures from CCCCDC Data Mart. Fall 2009* estimated by CCCCDC.

Brentwood totals provided by CCCCDC Office of District Research Office. Fall total* estimated.

TABLE 7

**Contra Costa County and City Projections
(Jurisdictional Boundaries)**

City/County	2000	2005	2010	2000-10 %chg	2015	2020	2025	2030	2035	2010-35 %chg
ANTIOCH	90,532	101,500	107,700	19.0%	110,200	112,700	114,600	116,800	119,200	10.7%
BRENTWOOD	23,302	43,200	59,700	156.2%	64,200	67,500	70,900	74,200	77,500	29.8%
CLAYTON	10,762	11,000	11,100	3.1%	11,200	11,300	11,400	11,400	11,500	3.6%
CONCORD	121,780	125,000	129,700	6.5%	131,800	135,700	141,500	147,100	153,000	18.0%
DANVILLE	41,715	43,400	43,800	5.0%	45,400	46,900	48,400	49,600	51,000	16.4%
EL CERRITO	23,171	23,400	23,600	1.9%	23,800	24,400	25,000	25,600	26,200	11.0%
HERCULES	19,488	23,600	25,300	29.8%	26,600	28,400	30,600	32,800	34,900	37.9%
LAFAYETTE	23,908	24,400	24,400	2.1%	24,900	25,500	26,000	26,400	26,900	10.2%
MARTINEZ	35,866	36,900	36,900	2.9%	37,900	38,700	39,200	40,300	41,400	12.2%
MORAGA	16,290	16,400	16,600	1.9%	16,900	17,400	17,800	18,300	18,900	13.9%
OAKLEY	25,619	29,850	35,250	37.6%	37,250	39,050	40,650	42,550	44,450	26.1%
ORINDA	17,599	17,800	17,800	1.1%	18,100	18,400	18,900	19,200	19,600	10.1%
PINOLE	19,039	19,700	20,000	5.0%	21,500	22,700	24,100	25,300	26,500	32.5%
PITTSBURG	56,769	62,400	67,200	18.4%	70,100	76,200	82,100	89,300	96,700	43.9%
PLEASANT HILL	32,837	33,600	35,200	7.2%	35,600	37,800	39,300	41,100	43,200	22.7%
RICHMOND	99,216	102,700	105,000	5.8%	112,200	118,700	126,000	132,600	139,600	33.0%
SAN PABLO	30,215	31,000	32,200	6.6%	32,800	34,100	35,400	36,700	37,700	17.1%
SAN RAMON	44,722	51,700	63,500	42.0%	68,400	73,800	79,600	85,200	90,900	43.1%
WALNUT CREEK	64,296	66,200	68,300	6.2%	70,500	72,900	75,400	77,400	79,300	16.1%
UNINCORPORATED	151,690	159,650	167,050	10.1%	171,350	175,250	178,650	181,850	184,450	10.4%
COUNTY	948,816	1,023,400	1,090,300	14.9%	1,130,700	1,177,400	1,225,500	1,273,700	1,322,900	21.3%

Source: ABAG Projections and Priorities 2009 (12).

TABLE 8

Population Estimates for Contra Costa County and Cities, 2000-2009, California Department of Finance, E-4 Report

City/County	4/1/2000	1/1/2001	1/1/2002	1/1/2003	1/1/2004	1/1/2005	1/1/2006	1/1/2007	1/1/2008	1/1/2009	2000-09 %change
Antioch	90,532	93,148	96,597	98,729	100,277	100,039	99,376	99,357	99,994	100,957	11.5%
Brentwood	23,302	26,181	29,956	34,055	38,325	41,954	45,752	48,667	50,584	51,908	122.8%
Clayton	10,762	10,938	10,962	10,953	10,990	10,906	10,788	10,728	10,778	10,864	0.9%
Concord	121,872	123,433	124,408	124,435	124,833	124,578	123,380	122,923	123,700	124,599	2.2%
Danville	41,715	42,700	42,942	43,105	43,243	42,975	42,515	42,447	42,602	43,043	3.2%
El Cerrito	23,171	23,414	23,478	23,470	23,398	23,244	23,178	23,081	23,306	23,440	1.2%
Hercules	19,488	19,827	20,111	20,438	21,706	23,200	23,535	23,859	24,309	24,480	25.6%
Lafayette	23,908	24,136	24,376	24,339	24,297	24,148	23,887	23,836	23,948	24,087	0.7%
Martinez	35,866	36,318	36,664	36,800	36,804	36,570	36,138	36,009	36,122	36,348	1.3%
Moraga	16,290	16,460	16,486	16,475	16,442	16,334	16,153	16,094	16,128	16,204	-0.5%
Oakley	25,619	26,011	26,981	27,676	28,368	28,961	29,341	31,747	33,189	34,468	34.5%
Orinda	17,599	17,774	17,807	17,784	17,757	17,671	17,470	17,428	17,529	17,669	0.4%
Pinole	19,039	19,327	19,401	19,480	19,539	19,469	19,222	19,149	19,260	19,383	1.8%
Pittsburg	56,769	57,968	59,825	60,912	61,480	62,172	62,192	62,696	63,352	63,771	12.3%
Pleasant Hill	32,837	33,189	33,313	33,592	33,618	33,408	33,046	32,957	33,357	33,547	2.2%
Richmond	99,216	100,370	100,932	101,129	101,657	102,309	102,188	103,327	103,899	104,513	5.3%
San Pablo	30,256	30,567	30,600	30,725	31,032	31,130	30,830	30,816	31,172	31,808	5.1%
San Ramon	44,722	45,880	46,750	46,940	48,609	50,672	56,234	59,501	61,187	63,176	41.3%
Walnut Creek	64,296	65,555	65,789	65,830	66,137	66,047	65,293	65,070	65,266	65,860	2.4%
Balance Of County	151,557	152,899	154,236	156,899	157,166	160,620	164,991	165,630	168,560	170,310	12.4%
Incorporated	797,259	813,196	827,378	836,867	848,512	855,787	860,518	869,692	879,682	890,125	11.6%
Contra Costa County	948,816	966,095	981,614	993,766	1,005,678	1,016,407	1,025,509	1,035,322	1,048,242	1,060,435	11.8%

Source: Department of Finance (9).

TABLE 9

Number of Brentwood Center Students Enrolled by Zip Code and City of Residence

City	Zip Code*	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year		% of 5yr-TOTAL
							Total	Total	
Brentwood	94513	833	904	1,051	1,218	1,386	5,392	5,392	32.5%
Antioch	94509, 94531	849	843	925	1,017	1,168	4,802	4,802	28.9%
Oakley	94561	531	531	650	701	844	3,257	3,257	19.6%
Pittsburg	94565	239	161	189	210	247	1,046	1,046	6.3%
Discovery Bay	94514	84	97	88	137	175	581	581	3.5%
Byron	94514	79	64	85	64	41	333	333	2.0%
Concord	94518-20, 94527	17	17	16	50	58	158	158	1.0%
Walnut Creek	94596-98	33	21	22	15	11	102	102	0.6%
Bethel Island	94511	20	20	31	30	21	122	122	0.7%
Knightsen	94548	13	20	20	17	22	92	92	0.6%
Martinez	94553	9	16	16	19	19	79	79	0.5%
Clayton	94517	17	11	10	11	14	63	63	0.4%
Richmond	94801, 94806	4	21	7	3	7	42	42	0.3%
Clyde	94520	14	9	17			40	40	0.2%
Bay Point	94565				24	15	39	39	0.2%
Pleasant Hill	94523	3	7	5	9	12	36	36	0.2%
Vallejo	94591	4	12	4	2	2	24	24	0.1%
San Pablo	94806	9	4	1	1	3	18	18	0.1%
Lafayette	94549	5	3	6	3	1	18	18	0.1%
Hercules	94547	1	5	3	3	3	15	15	0.1%
San Ramon	94583	3	2	2	4	3	14	14	0.1%
El Sobrante	94803	2	3	2	4	3	14	14	0.1%
Pinole	94564	1	4	2	2	2	9	9	0.1%
Danville	94526	4		1	2	1	8	8	0.0%
Orinda	94563	1	2	1	1	1	6	6	0.0%
Moraga	94556		1		2	2	5	5	0.0%
El Cerrito	94530		1	2			3	3	0.0%
Alamo	94507			1		1	2	2	0.0%
Rodeo	94572	1	1				2	2	0.0%
Blackhawk	94531	1					1	1	0.0%
Other Counties		40	39	61	46	45	231	231	1.4%
Not Reported			13	13	7	11	44	44	0.3%
TOTAL		2,817	2,832	3,229	3,602	4,118	16,598	16,598	1.000

Source: Contra Costa CCD, Office of District Research, October 2009. * All zip codes associated with listed city.

Some zip codes will be associated with more than one city and appropriately may be placed with more than one city.

TABLE 10

Actual and Forecasted County Adult Population, Student Headcounts and FTES for Contra Costa CCD, Los Medanos, and Brentwood Center

Year	County Adult	CCCCD Undup		CCCCD		LMC Undup		LMC		LMC		Brentwood		Full Yr	
		Yr Totals*	Fall Totals	Yr Totals	Fall Totals	Fall FTES	Yr Totals	Yr Totals	FTES Annual	Undup Fall Totals	Fall FTES	Totals	Full Yr	FTES	
Actual															
2000	601,824	38,521	65,281	9,235	2,929	16,742	7,323	(Totals for Prior Years Not Applicable)							
2001	617,245	40,473	70,959	10,289	3,205	18,539	7,404	554	111	1,367	329				
2002	626,806	43,801	72,035	10,424	3,538	18,215	7,398	1,031	225	2,162	575				
2003	637,399	39,324	62,043	8,977	3,435	14,014	7,053	917	208	2,036	589				
2004	647,153	38,059	59,222	8,899	3,218	13,861	6,355	1,503	312	2,816	693				
2005	655,190	36,580	58,509	8,496	3,079	13,614	7,189	1,492	318	2,843	717				
2006	662,086	36,334	58,451	8,280	3,022	13,619	6,264	1,731	364	3,229	816				
2007	671,214	38,180	60,919	8,892	3,359	14,527	7,754	1,939	421	3,601	964				
2008	680,334	40,655	64,639	9,846	3,717	16,610	8,229	2,352	536	4,222	1,216				
Forecasts --- Growth Driven															
2009	688,467	42,428	70,111	10,279	3,714	17,368	7,847	2,456	561	4,375	1,240				
2010	696,031	44,298	73,794	10,578	3,636	18,805	7,734	2,654	591	4,685	1,301				
2011	705,188	46,247	77,633	11,180	3,837	20,302	8,025	2,894	644	5,061	1,411				
2012	713,845	48,302	81,681	11,814	4,050	21,881	8,331	3,120	695	5,416	1,516				
2013	720,394	50,481	85,973	12,487	4,276	23,556	8,656	3,292	733	5,685	1,595				
2014	727,003	52,771	90,485	13,185	4,509	25,290	8,993	3,465	772	5,956	1,675				
2015	733,265	55,183	95,235	13,936	4,761	27,159	9,355	3,629	809	6,212	1,750				
2016	738,929	57,724	100,240	14,720	5,023	29,109	9,734	3,777	842	6,445	1,819				
2017	744,942	57,275	99,357	14,582	4,977	28,765	9,667	3,935	877	6,691	1,891				

Actual and forecasted District headcounts from CCCCC (1). Actual annual FTES for District/LMC from CCCCC (2). LMC 1990-2008 fall/FTES figures from CCCCC Data Mart. Brentwood actual fall totals provided by CCCCC Office of District Research Office. Actual FTES Fall/Full Yr FTES totals and 2009 fall FTES estimate from LMC Budget Office. This Fall 2009 entry calculated in October and is subject to change. It is treated as a projection.

TABLE 11

**Actual and Forecasted Student Enrollment Measures for Los Medanos College Brentwood Center
Using Two Different Forecasting Models**

Academic Year	Fall Semester		Fall Average		WSCH/Fall		Full Year		FY Average		WSCH/FY	
	Unduplicated Total	Fall FTES	WSCH	Enrollment	Unduplicated Total	FY FTES	WSCH	Enrollment	WSCH	Enrollment	WSCH	Enrollment
Actual												
2000												
2001	554	110.6	3,317	5.99	(Totals for prior years not applicable)			1,367	319.4	4,791	3.50	
2002	1,031	225.2	6,756	6.55			2,162	569.7	8,546	3.95		
2003	917	208.1	6,244	6.81			2,036	546.1	8,192	4.02		
2004	1,503	311.7	9,351	6.22			2,817	691.4	10,371	3.68		
2005	1,492	318.0	9,540	6.39			2,832	717.1	10,757	3.80		
2006	1,731	364.0	10,920	6.31			3,229	815.5	12,233	3.79		
2007	1,939	420.9	12,627	6.51			3,602	962.3	14,435	4.01		
2008	2,317	536.4	16,093	6.95			4,119	1,192.3	17,884	4.34		
Forecasts --- Facilities Driven Model												
2009	2,386	548.7	16,462	6.90			4,247	1,216	18,242	4.30		
2010	2,485	563.7	16,912	6.81			4,402	1,247	18,699	4.25		
2011	2,605	590.2	17,707	6.81			4,590	1,302	19,524	4.26		
2012	2,719	615.7	18,472	6.81			4,768	1,354	20,312	4.27		
2013	2,804	634.7	19,042	6.81			4,902	1,394	20,904	4.28		
Forecasted --- Growth Driven Model*												
2009	2,456	561	16,830	6.85			4,375	1,240	18,600	4.25		
2010	2,654	591	17,730	6.68			4,685	1,301	19,515	4.17		
2011	2,894	644	19,320	6.68			5,061	1,411	21,165	4.18		
2012	3,120	695	20,850	6.68			5,416	1,516	22,740	4.20		
2013	3,292	733	21,990	6.68			5,685	1,595	23,925	4.21		
2014	3,465	772	23,160	6.68			5,956	1,675	25,125	4.22		
2015	3,629	809	24,270	6.69			6,212	1,750	26,250	4.23		
2016	3,777	842	25,260	6.69			6,445	1,819	27,285	4.23		
2017	3,935	877	26,310	6.69			6,691	1,891	28,365	4.24		

Brentwood actual fall totals provided by CCCCD Office of District Research Office. Actual FTES Fall/Full Yr FTES totals and 2009 fall FTES estimate from LMC Budget Office. This Fall 2009 entry calculated in October and is subject to change. It is treated as a projection.

Table 12

CCCCCD Brentwood Center Projected Capital Outlay and Support Costs

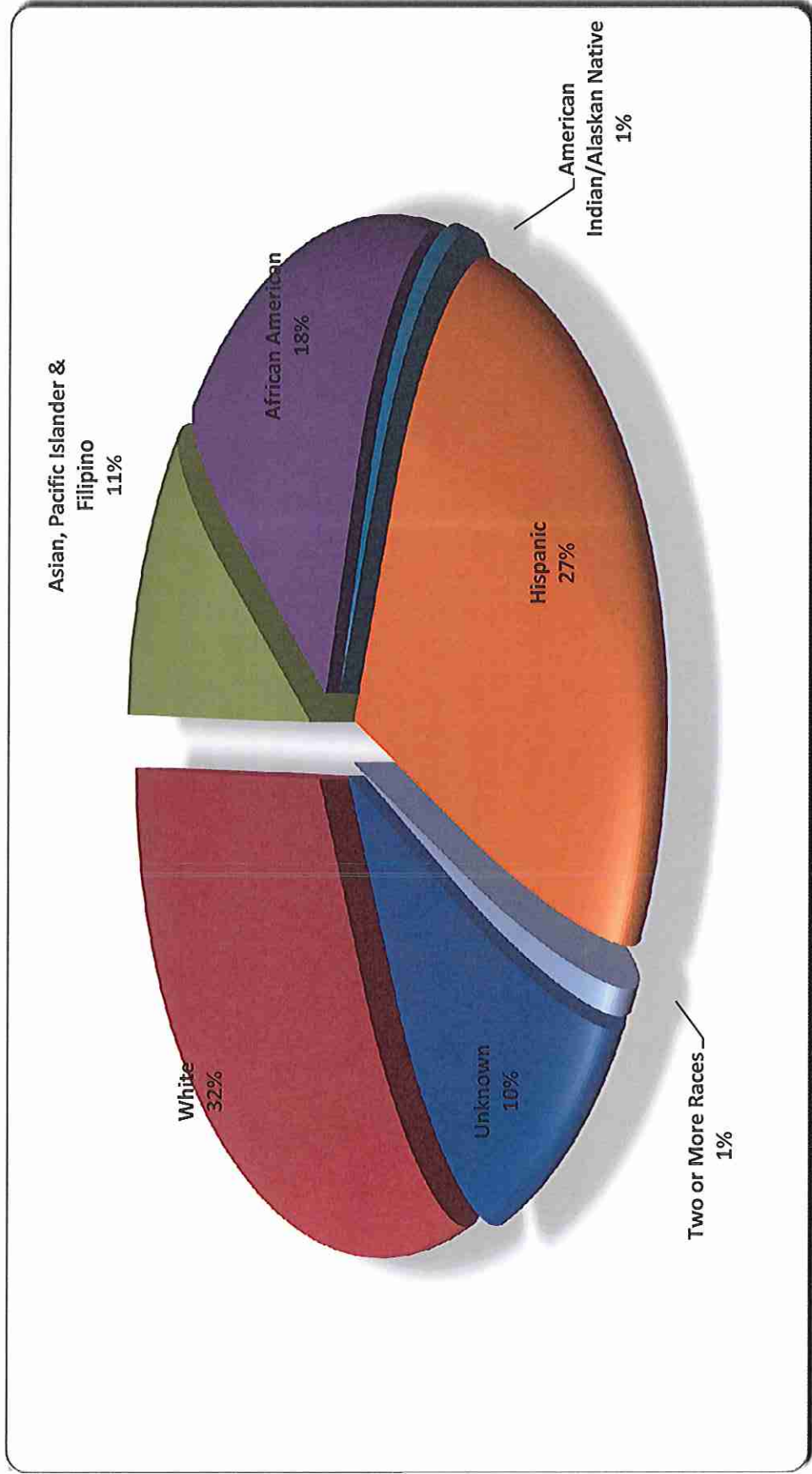
Project Type	Projected Capital Outlay			Projected Support Cost Increases				Anticipated District Budget Increase
	State Funded	District Funded	Total	FTE Staffing	Personnel Cost	Operations	Total	
Phase I Infrastructure including non-state supportable: parking lots and off-site work	\$0	\$5.2m	\$5.2m	0	\$0m	\$0m	\$5.2m	\$0 due to site improvement only
Phase I Academic Facilities	\$9.55m	\$9.55m	\$19.1m	43	\$3.3m	\$1.3m	\$4.6m	\$7.0m from 2014-2015 budget
Phase II Academic Facilities	\$7.0m	\$7.0m	\$14.0m	61	\$4.6m	\$1.9m	\$6.5m	\$9.8m from 2018-2019 budget

M= millions Notes: District budget projections are based upon growth projections approved by Department of Finance. District budget projections did not include cost of living adjustments. All calculations expressed in current 2006 dollars.

FTE= full time equivalent staff positions (faculty and staff)

CHARTS

Chart 1 Los Medanos College Spring 2010 Headcount Enrollments By Race and Ethnicity



Source: California Community College Chancellor's Office

APPENDICES

APPENDIX A

LOS MEDANOS COLLEGE, BRENTWOOD CENTER
SERVICE AREA POPULATION AND ENROLLMENT PROJECTIONS STUDY

Los Medanos College, Brentwood Center

Service Area Population and Enrollment Projections Study

November 2009

By

Frank S. Baratta, PhD

For

tBP/Architecture

1000 Burnett Avenue, Suite 140
Concord, CA 94520

Abstract

Historical records and enrollment forecasts give evidence that the Los Medanos College Brentwood Center will continue to enroll the requisite number of students needed to produce full-time equivalent student levels required of state-approved educational centers.

Student demand for Brentwood services is expected to grow substantially over time given the dynamic demographic growth patterns that have been observed for Contra Costa County as a whole and the eastern sector in particular. Whether or not student projections are realized will depend on a myriad of factors: the state of the economy and its workforce demands; the course offerings that potential students perceived as relevant to their educational goals and that are available at convenient times; the presence of prerequisite faculty, appropriate facilities and student services; the manner in which educational programs and services will be delivered in the future; student financial aid policies; federal/state/county support of education; and the competition from other training centers or educational institutions.

If they continue to adapt and expand their capacity as well as they have in the past, the Contra Costa Community College District and Los Medanos College can be expected to serve successfully the growing number of students in the Brentwood Center service area.

Los Medanos College, Brentwood Center

Service Area Population and Enrollment Projections Study

Purpose

To forecast student enrollment levels and full-time equivalent students (FTES) for the Brentwood Center to the horizon year of 2017.

This information is needed to support a Letter of Intent (LOI) from the Contra Costa Community College District and Los Medanos College to the California Community College Chancellor's Office. This formal communication to CCCCO requests State Center status for the Brentwood Center. By qualifying for this status, CCCCD and LMC will have access to additional apportionment revenues and capital outlay funding which will enable expansion of Brentwood services for growing student communities.

Context

The Contra Costa CCD came into existence in 1948 by public vote and opened its doors in 1949. Presently, CCCCD serves a population of 1,060,435 and its boundaries covers 686 square miles, all but 48 of the 734 square miles defining Contra Costa County. The District has three colleges. Its first two colleges were Contra Costa College and Diablo Valley College, both opening in 1949. CCC serves the western part of the county, DVC the central area. Los Medanos College opened in 1974. It serves the eastern sector. DVC and LMC currently have additional campuses. DVC's San Ramon Campus serves the southern part of the county. LMC's Brentwood Center serves the most eastern communities: Antioch, Bethel Island, Brentwood, Byron, Discovery Bay, Knightsen, and Oakley. The District office is located in historic downtown Martinez. (See **Addendum 1** for census tracts that define Brentwood's primary service area and their location.)

The Brentwood Center has generated over 500 FTES annually since 2002 and has begun to achieve as much during its fall semesters (**Table 5**). This productivity level meets the standard required of State approved centers (**6**). Los Medanos College and the Center continue to adapt to the educational needs of its growing student communities. As noted in the LOI, there are plans to expand an array of instructional and student service programs so that the Brentwood Center can serve more students from its growing service areas than it presently is able. This expansion will of course bring with it a need for additional personnel and facilities. In planning for this demand, CCCCD and LMC are seeking State Center status for the Brentwood Center in order to qualify for additional apportionment revenues and capital outlay funding. This study updates LOI documentation to support this request by gauging the extent of enrollment growth and FTES productivity that can be expected for the Brentwood Center.

Scope and Methodology

Demographic Trends

As is known, Contra Costa County is one of California's largest and most dynamic areas. From 1990 to 2000, its population grew by 18% (803,732 to 948,816) and by 11.8% from 2000 to 2009 (948,816 to 1,060,435). In comparison, California grew by 13.8% and 13% respectively (Table 1). Since 2000, Contra Costa County has tended to be the ninth largest county in California, ahead of Fresno and behind Sacramento. The Association of Bay Area Governments (ABAG) projects that the county's population will grow by 21.3% between 2010 and 2035 (Table 2).

Within Contra Costa County, there are 19 cities. In 2009, the seven largest cities were Concord (124,599), Richmond (104,513), **Antioch** (100,957), Walnut Creek (65,860), San Ramon (63,176), **Pittsburg** (63,771), and **Brentwood** (51,908). (See Table 3.) An analysis of student residency revealed that three of these cities are the major feeder areas to the Brentwood Center, with Brentwood, Antioch, and Pittsburg accounting for 67.7% of students enrolling at the Center for the 2004-2008 period and nearby Oakley accounting for an additional 19.6% for this same period (Table 4). For the 2000-09 period, Brentwood grew by 122.8% (the fourth highest in the state) and Oakley by 34.5%, far exceeding the county's 11.8% growth (Table 3).

Given these demographic trends for the state, county and cities, continued growth for the near and distance future can be expected for the Brentwood Center service area.

CCCCD, LMC, and Brentwood Center Enrollment Trends

From 2000 to 2008, CCCC fall enrollment increased by 5.5% (38,521 to 40,655), and fall FTES by 9.6% (13,145 to 14,412). For this same period, LMC fall enrollment grew by 6.6% (9,235 to 9,846) and fall FTES by 26.9% (2,929 to 3,717). The Brentwood Center programs and services commenced in 2001. Since opening its doors, the Center's fall enrollment has increased by 318% (554 to 2,317) and its fall FTES by 383% (111 to 536). Estimates for the 2009-2010 academic year suggest that these trends will continue. (See Tables 1 and 5.)

Enrollment Trends and Brentwood Forecasts: General Points

The enrollment trends observed and the statistical relationships found to exist between different data arrays were used to forecast student totals and FTES productivity levels for Los Medanos College and the Brentwood Center. More specifically, these forecasts were based on historical/projected adult population (3, 4, 5) and student/FTES data (1, 2) provided by the Department of Finance (DOF) and CCCC respectively.

By making CCCC trend lines the basic reference for constructing LMC forecasts, this study aimed to ensure data reliability and conformity to state regulations. As stipulated by Title 5

regulations and SB 361(Section 58774b), to the extent possible, the methodology or model to be used for calculating district growth rates is the one currently being used by the CCCCO Research Unit (CRU) to provide districts their official enrollment totals, forecasts and annual FTES. Accordingly, this study developed its LMC forecasts by using the CCCCD trend lines given by the CCCCO model (1).

CRU employs a regression model to forecast fall enrollment for each California community college district given their student headcount totals for prior years and given several factors affecting these (7). Specifically, the model uses four independent variables to project enrollments: adult county population, college operating budgets, the apportionment growth gap (pre- and post-Proposition 13 factor), and student out-of-pocket price of enrollment (e.g., tuition, fees, transportation, childcare, books, and supplies).

The CRU model rests on several key assumptions: that educational costs for the student will be driven mostly by enrollment fees; that current financing formulas will continue with the apportionment growth cap; that budget outlays will “follow from experience with Proposition 98, using Current Expense of Education from Chancellor’s Office Fiscal Data Abstracts;” and that the adult population of a district will grow as forecasted by DOF (7).

By using trend lines provided by the CRU model, there is an added benefit. LMC forecasts based on these will to some extent implicitly control or adjust for the same four factors noted that affect student participation.

As regards the Brentwood Center, its forecasts were based on historical and projected county adult population figures provided by DOF (3, 4, 5, 9). Curiously, this data array was the only one that significantly correlated with Brentwood enrollment totals. Their DOF origins help ensure data reliability as do the CCCCO trend lines used.

Steps Taken to Forecast Potential Brentwood Center Student Totals and FTES: Overview

Several prerequisite data arrays were constructed to set up scheduled forecasts. Briefly, the steps involved were undertaken to ensure that forecasts of enrollment headcount and related FTES were based on data arrays that provided the most reliable projections. At each step, the data array of relevant variables exhibiting the highest and most significant correlation with the greatest usage for forecasting and completing needed data arrays was preferred over those with less covariance, significance, and utility. By using these highly related data arrays and by using a linear regression equation incorporating the *least squares criteria*, this study kept residual variance to a minimum and maximized the reliability of its forecasts.

All Pearson product-moment coefficients of correlation (r) reported are statistically significant ($p < .01$). These coefficients varied from .65 to 1.00, with 10 out of 12 coefficients within the .8 to 1.00 range. These coefficients, of course, indicate that independent variables evaluated accounted from 42% to 100% of the variance of dependent variables predicted or forecasted. Goodness-of-fit statistical tests (F and t) indicated that the variables in the linear equations used at each step significantly contributed to the forecasting function. For statistical reasons, this analysis did not extend beyond the 2017 horizon year. All analyses and forecasts were done with two different software applications to ensure accuracy of results: the Forecast procedure in

EXCEL and the Regression procedure in SPSS. The results of both applications were found to be identical. The following sections detail each of these steps, and **Table 5 and 6** displays their outcomes.

Forecasting Enrollment and FTES for CCCCD and Los Medanos College

Actual CCCCD fall enrollment/FTES totals and forecasted CCCCD fall enrollment were provided by CCCCO (1, 2).

An analysis of the various relations between the different data arrays in **Tables 1 and 5** revealed several significant findings and resulted in the following:

1. CCCCD 2000-2008 fall totals were found to be related to corresponding data arrays for CCCCD fall FTES ($r=.86$), CCCCD year totals ($r=.89$), and Los Medanos College fall totals ($r=.81$). Hence, the 2000-2017 data vector defining the District's fall totals was used to forecast the 2009-2017 entries for the first two covariates (i.e., CCCCD fall FTES and CCCCD year totals). The 1990-2017 data vector for the District's fall totals was used to make 2009-2017 projections for the third covariate (i.e., LMC fall FTES). Specifically, a linear regression function incorporating the *least square criteria* was used to fit a straight line to the actual data arrays of these covariates. The equation was expanded to include CCCCO's forecasted CCCCD fall enrollment totals (x) one-year-at-a-time for the 2009-2017 horizon years; with the inclusion of each fall total, the equation was used to project the corresponding value for the three covariates [i.e., CCCCD's fall FTES (y_1), CCCCD year totals (y_2), and LMC fall FTES (y_3)].
2. LMC 1992-2009 fall totals were found to be significantly related to LMC fall FTES ($r =.76$) and LMC 2000-2008 fall totals were strongly related to LMC year totals ($r =.94$). Accordingly, fall totals were used to forecast the 2009-2017 column entries for the latter two covariates in the same manner that was been done for the first set of findings.
3. LMC 2000-2008 fall FTES totals were found to be significantly related to LMC annual FTES ($r=.65$) and consequently used to forecast the 2009-2017 column entries for this covariate.

Forecasting Enrollment and FTES for the Los Medanos Brentwood Center

Developing forecasts for the Brentwood Center proved problematic for two reasons. First, the enrollment trend lines for the Center and the ones provided to the District by CCCCO do not correlate significantly enough to be useful. Additionally, none of the enrollment data arrays developed for Los Medanos College, which are tied to the baselines provided by CCCCO, do not correlate with any of those obtained for the Brentwood facility. Using such data in this study's regression equation would result in unreliable forecasts for the Center.

Second, the baseline that can be used to forecast enrollment at the Brentwood Center is driven by projected adult population growth for the area, and using said baseline carries with it the assumption that existing facilities at the Center can accommodate forecasted growth. As is

known, Los Medanos College is moving to expand the Center's facilities so that it can meet fully the student demands it is receiving and expects in the future. Currently, the Brentwood Center is operating close to its maximum capacity or soon will be. Thus, any forecasts about the number of students the Center will be enrolling that are based solely on adult population growth will have to be adjusted or discounted in light of present and growing facility limitations which place a ceiling on enrollment levels. How might this adjustment be done?

The Brentwood Center has generated over 500 FTES annually since 2002 and has begun to achieve as much during its fall semesters (**Table 5**). This productivity level meets the standard required of State approved centers (**6**). The usual purpose of forecast studies like the present one is to show that a center can generate over 500 FTES each term or academic year and thus justify being given State Center status. Since this threshold has been achieved, there is no need to prove that it can. There is only one question that needs to be addressed at this point: "How much will the Brentwood Center grow in terms of its FTES given current facility restrictions." An argument is needed that will help to determine the range within which forecasts for the Brentwood Center must fall given present facility restrictions and to specify what these would be.

At the very least, one can expect the Brentwood Center to continue to produce the FTES levels that it is presently generating given its current service capacity. Determining the maximum FTES level the Center can generate given its facility restrictions is problematic. One can assume that a ceiling on the Center's growth would eventually be reached at some point in the future if current facilities are not expanded or no new facilities are brought forth. The existing Brentwood Center has been incrementally expanded in 2007 and 2009, from 17,500 gsf to 22,022 gsf: an increase in facilities space of approximately 26%. However, at some point, it will not be able to accommodate the student demand the county's growth would bring. How many years into the future before the Center reaches this ceiling? At this point, we know the facility utilization is nearly 85%. **At most**, forecasts for the Brentwood Center cannot be expected to exceed the growth that can be forecasted for it--if indeed the Center will be operating at maximum capacity in the near term or foreseeable future.

Is there a **defensible midrange** for Brentwood forecasts? In this study, the tactic taken to find this midrange involved a two-step process: (1) the county adult population, growth trend lines provided by DOF were used to forecast enrollment and FTES levels for the Brentwood Center, and (2) the midpoints between each of these forecasts and the relevant current levels of headcount or FTES were determined. These midpoints are **conservative estimates** of what the Brentwood Center will likely generate over the coming years given existing productivity levels, facility restrictions, and the expected gradual expansion or development of new facilities. For example, if the growth driven model forecasts that the Center will generate 561 FTES for the Fall 2009 semester (an increase of 24.6 over the Fall 2008 semester), then this projected growth would be discounted by 50% and it would be estimated that the Center would grow by half as much or generate 548.7 FTES instead (an increase of 12.3).

This is a very conservative position, especially in light of the fact that the Brentwood Center has been growing at a higher rate than the county adult population, the student populations of the district, and LMC. Also, it incorporates the notion that the Center's physical facilities cannot keep up step-for- step with the student growth the District and LMC will accommodate **over the long run**. However, as its facilities are expanded or replaced in the next five years, with

permanent and more comprehensive facilities, the Brentwood Center is expected to accommodate student growth demands more so than it presently does, but perhaps not as fully as would be ideal.

In this way, the forecasts made incorporate the fact that the Brentwood Center has achieved qualifying FTES levels, and they stay within the boundaries of current realities as well as future ones that cannot be exceeded given facility restrictions.

As mentioned earlier, area growth data can be used to forecast Brentwood enrollment. Specifically, the 2001-2008 County Adult data array (see Table 1) strongly correlates with Brentwood fall enrollment data ($r=.98$). For this same period of time, fall unduplicated enrollment totals for Brentwood were also found to strongly correlated with fall FTES ($r=.99$) and its full year unduplicated headcounts ($r=1.00$). Relatedly, Brentwood fall FTES strongly correlated with full year FTES ($r=1.00$). Accordingly, the 2001-2017 County Adult data array was used to forecast the 2009-2017 entries for Brentwood fall enrollment, and the resulting enrollment data array was used to forecast the Center's fall FTES and full year totals for the same time interval. In a similar manner, fall FTES was used to forecast full year FTES.

Tables 5 and 6 summarizes the results of the foregoing procedures: the forecasts arrived at by said discounting procedure (the “**facilities driven**” model), and the projections given by the forecasting approach used in this study and outlined earlier (the “**growth driven**” model). It is not clear as to how long it will be until the new permanent facilities are completed at the Brentwood Center. It has been estimated that it could take 3-5 years. The facilities driven forecasts for the Center were therefore made five years out. Thereafter or the year after said facilities are completed, the forecasts given by the growth driven model apply.

Forecasting WSCH and WSCH/Enrollment from Brentwood FTES and Headcount Data

Given the forecasted Brentwood Center fall/full year headcounts and related FTES data arrays, the calculations of corresponding weekly student contact hours (WSCH) and the WSCH/enrollment ratios were straightforward and based on procedures provided by the DOF Demographic Research Unit (8). Briefly, the FTES for a given term or year was multiplied by 525 and then divided by 17.5 or 35 depending on whether the FTES was based on a single term or the full year.

In **Table 6**, for example, the growth driven model forecasts a fall FTES of 591 for 2010. This was multiplied by 525 and divided by 17.5 to get a WSCH of 17,730, and this WSCH total was divided by the forecasted 2010 fall headcount of 2,654 to get the WSCH/enrollment ratio of 6.68. Similarly, the forecasted full year FTES of 1,301 for 2010 was multiplied by 525 and divided by 35 to get a WSCH of 19,515, and this result was divided by the forecasted full year headcount of 4,685 for 2010 to get the WSCH/enrollment ratio of 4.17. These procedures were applied to all horizon years and enrollment measures. **Table 6** summarizes the results.

Summary

Historical records and enrollment forecasts give evidence that the Los Medanos College Brentwood Center will continue to enroll the requisite number of students needed to produce FTES levels required of state-approved educational centers.

Student demand for Brentwood services is expected to grow substantially over time given the dynamic demographic growth patterns that have been observed for Contra Costa County as a whole and the eastern sector in particular. Whether or not the student projections are realized will depend on a myriad of factors: the state of the economy and its workforce demands; the course offerings that potential students perceived as relevant to their educational goals and that are available at convenient times; the presence of prerequisite faculty, appropriate facilities and student services; the manner in which educational programs and services will be delivered in the future; student financial aid policies; federal/state/county support of education; and the competition from other training centers or educational institutions.

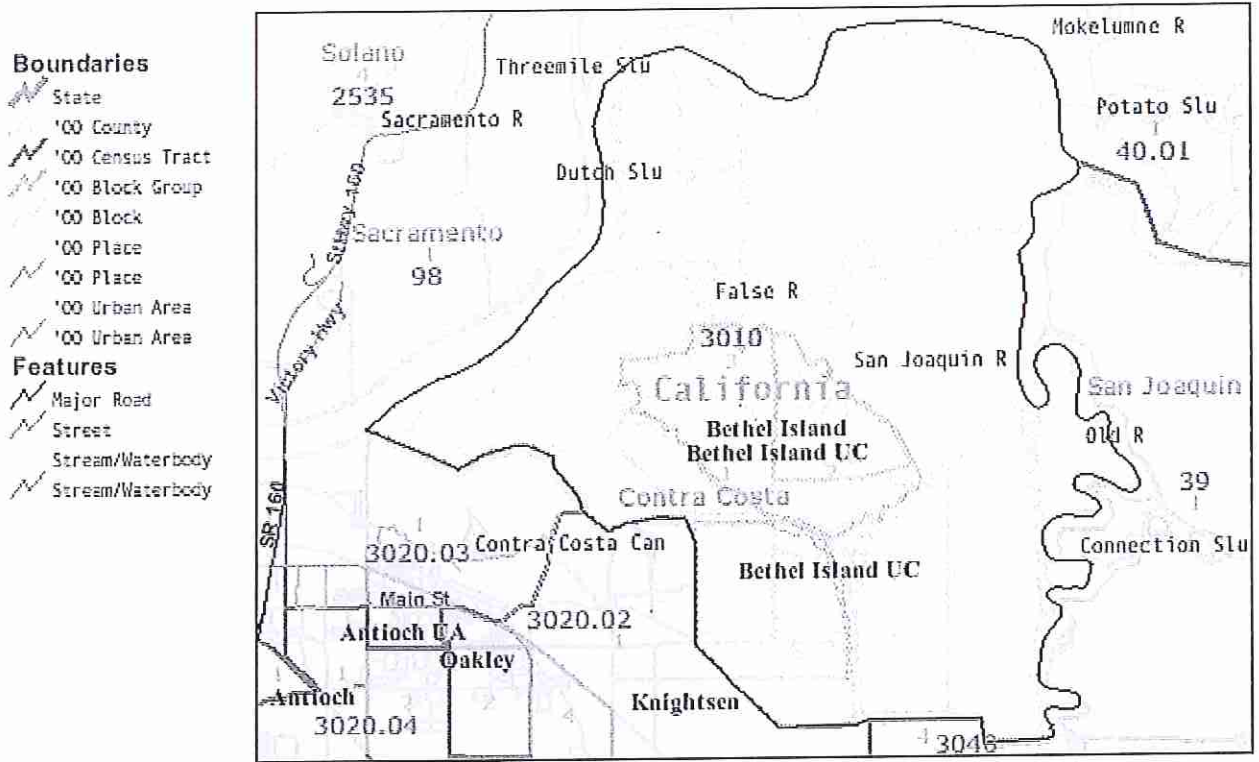
If they continue to adapt and expand their capacity as well as they have in the past, the Contra Costa Community College District and Los Medanos College can be expected to serve successfully the growing number of students in the Brentwood Center service area.

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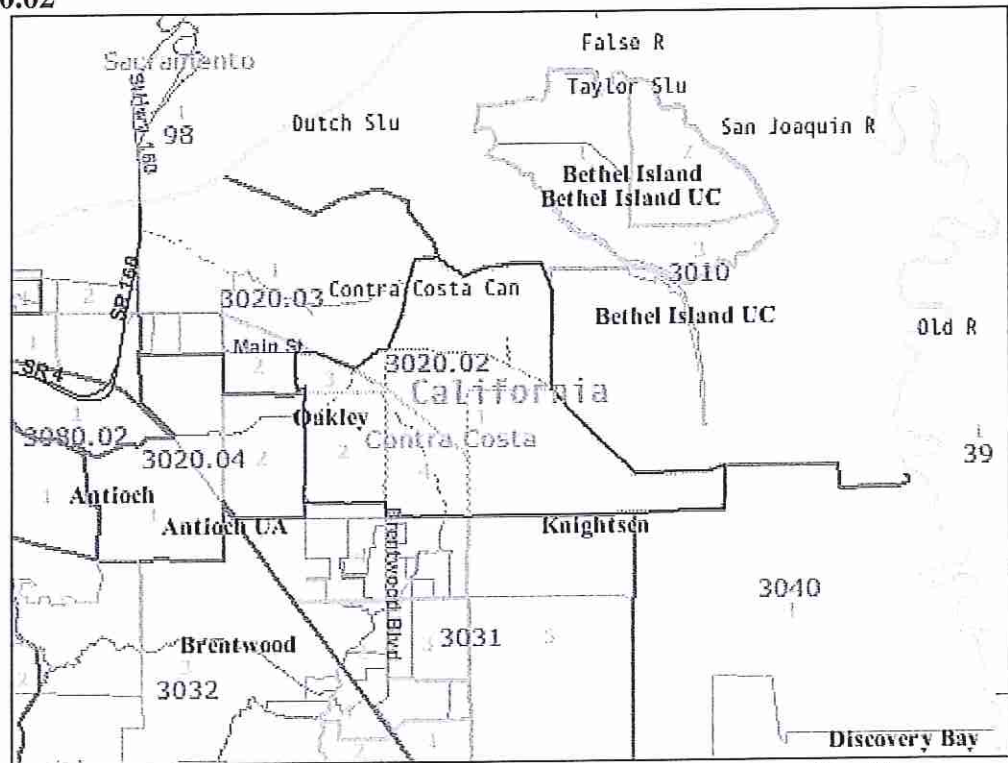
ADDENDUM 1

Census Tract 3010



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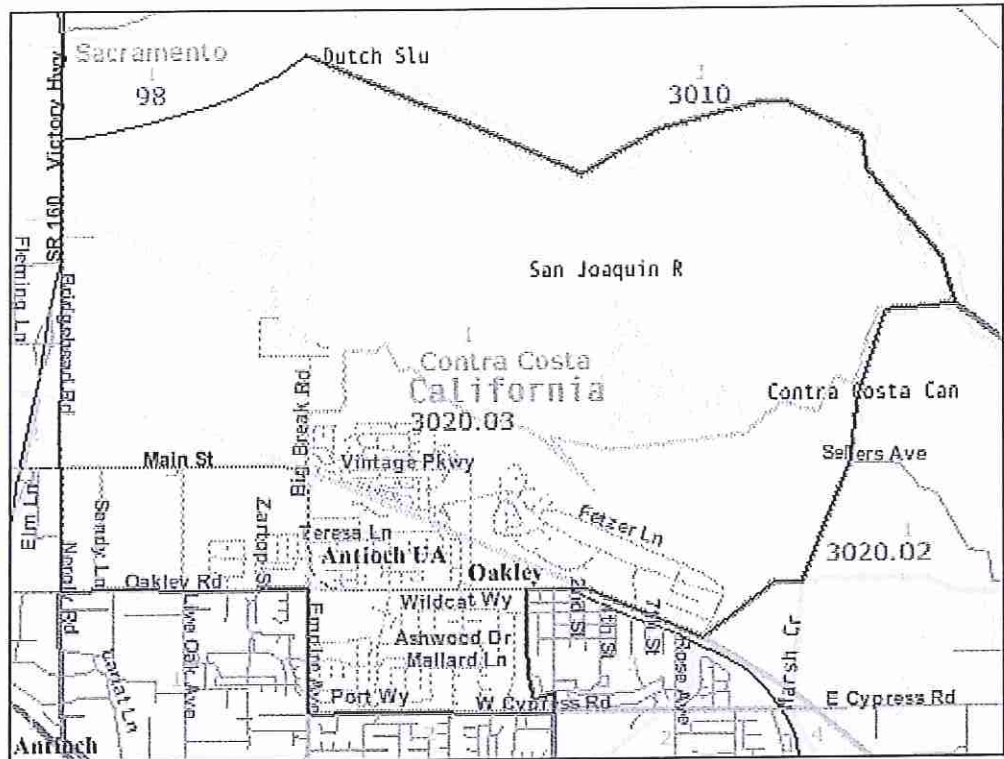
Census Tract 3020.02



12 miles across

Census Tract 3020.03

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 - '00 Census Tract
 - '00 Block Group
 - '00 Block
 - '00 Place
 - '00 Place
 - '00 Urban Area
 - '00 Urban Area
- Features**
- Major Road
 - Street
 - Stream/Waterbody
 - Stream/Waterbody



4 miles across

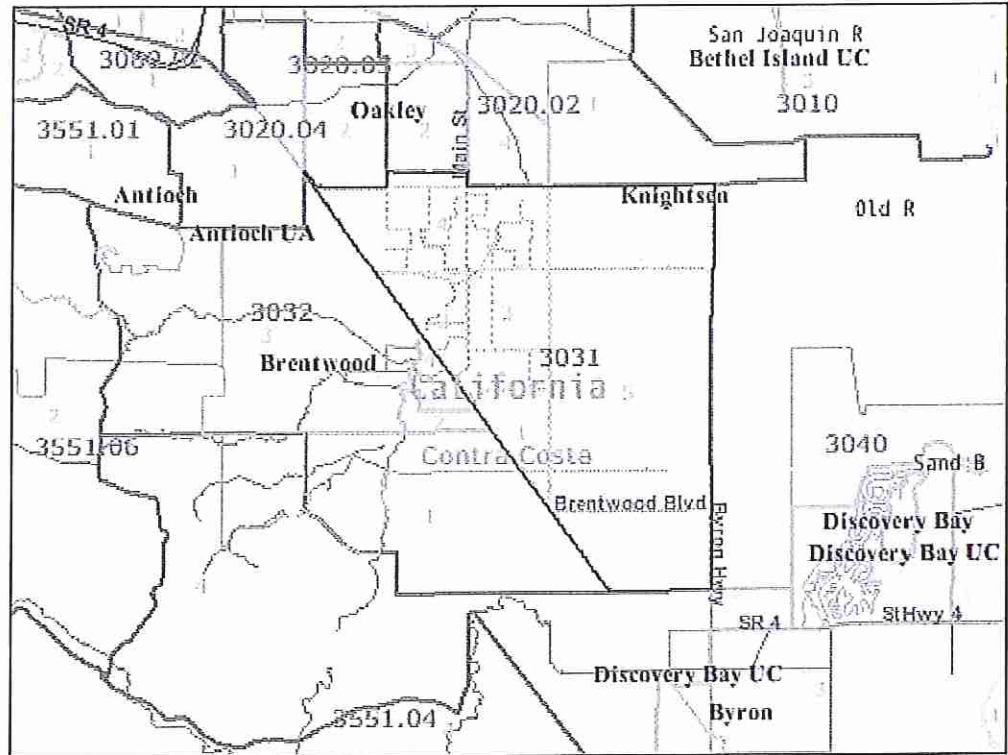
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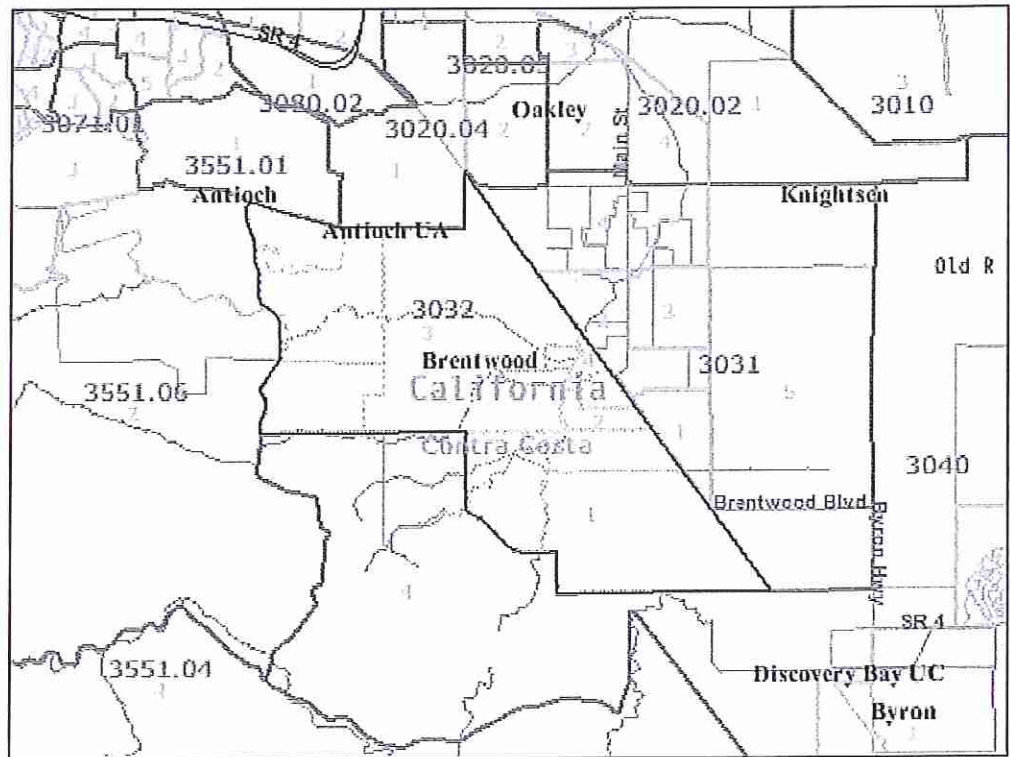
Census Tract 3031

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 - '00 Census Tract
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 - '00 Urban Area
- Features**
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 - Street
 - Stream/Waterbody
 - Stream/Waterbody



12 miles across

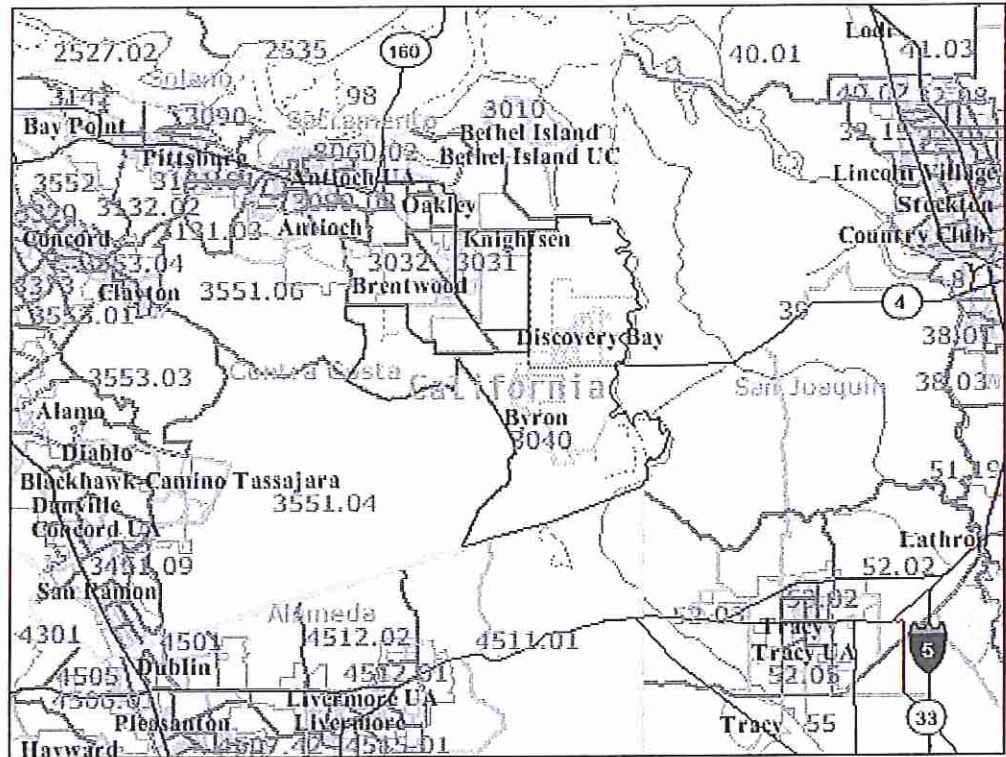
Census Tract 3032



12 miles across

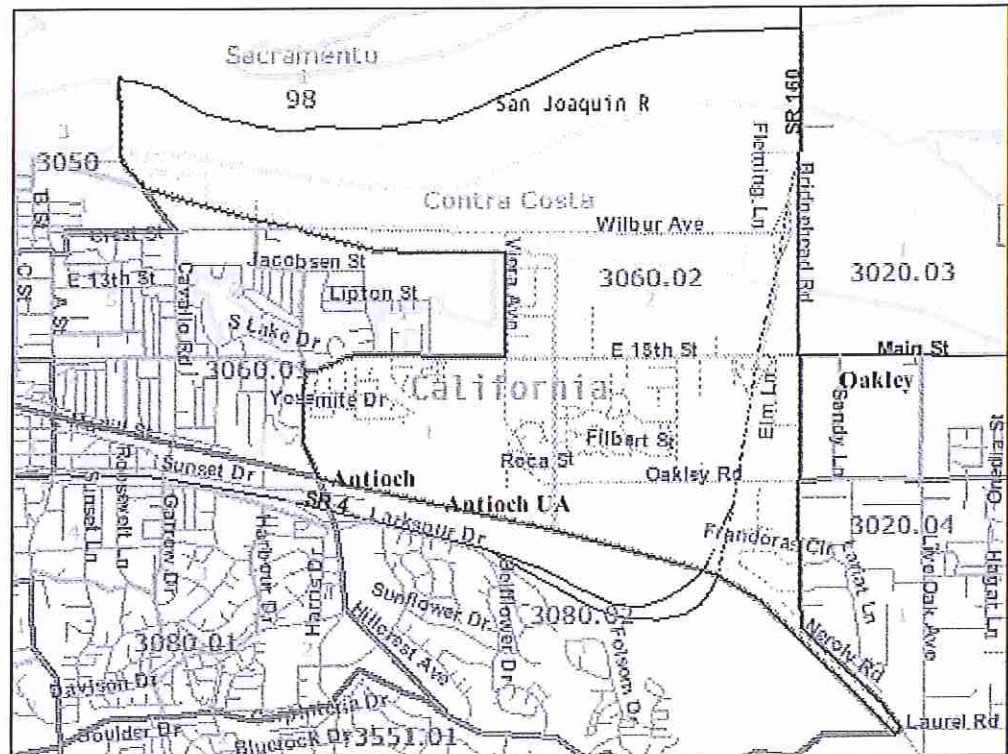
Census Tract 3040

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 - '00 Place
 - '00 Urban Area
 - '00 Urban Area
- Features**
- Major Road
 - Stream/Waterbody
 - Stream/Waterbody



40 miles across

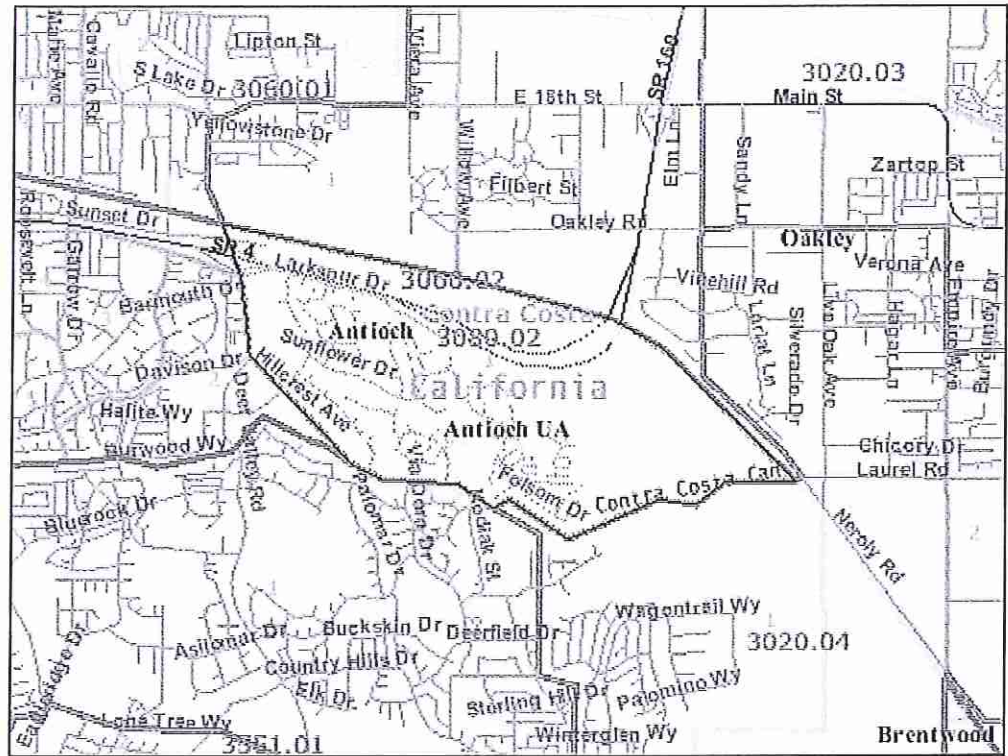
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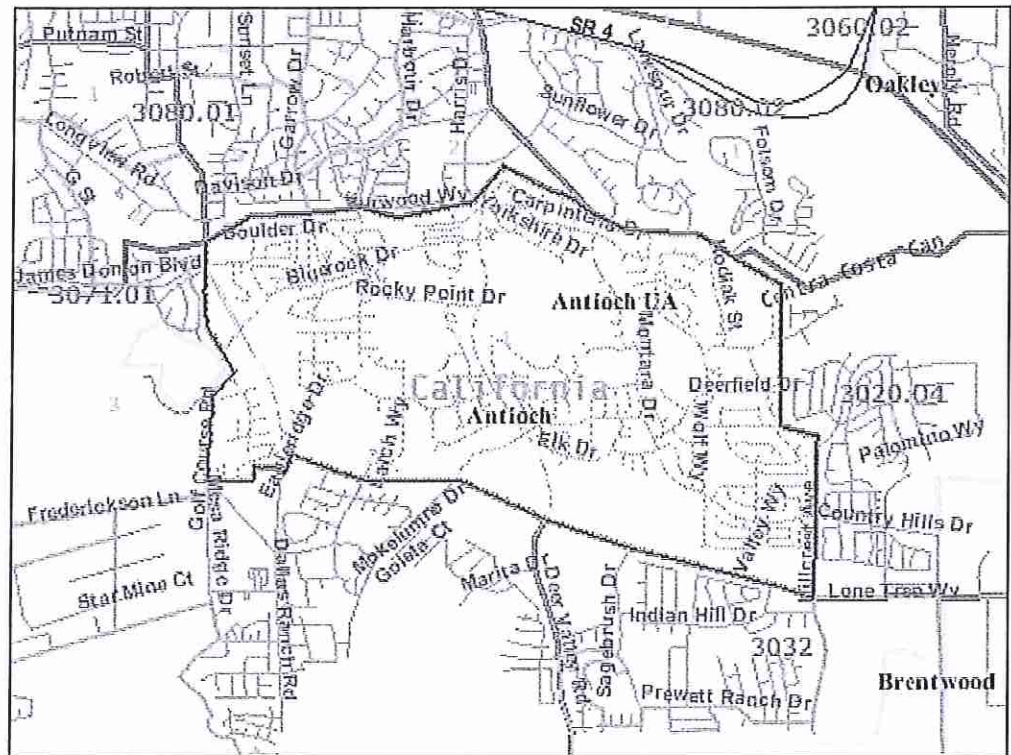
Census Tract 3080.02

- Boundaries**
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- Features**
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 - Street
 - Stream/Waterbody
 - Stream/Waterbody



4 miles across

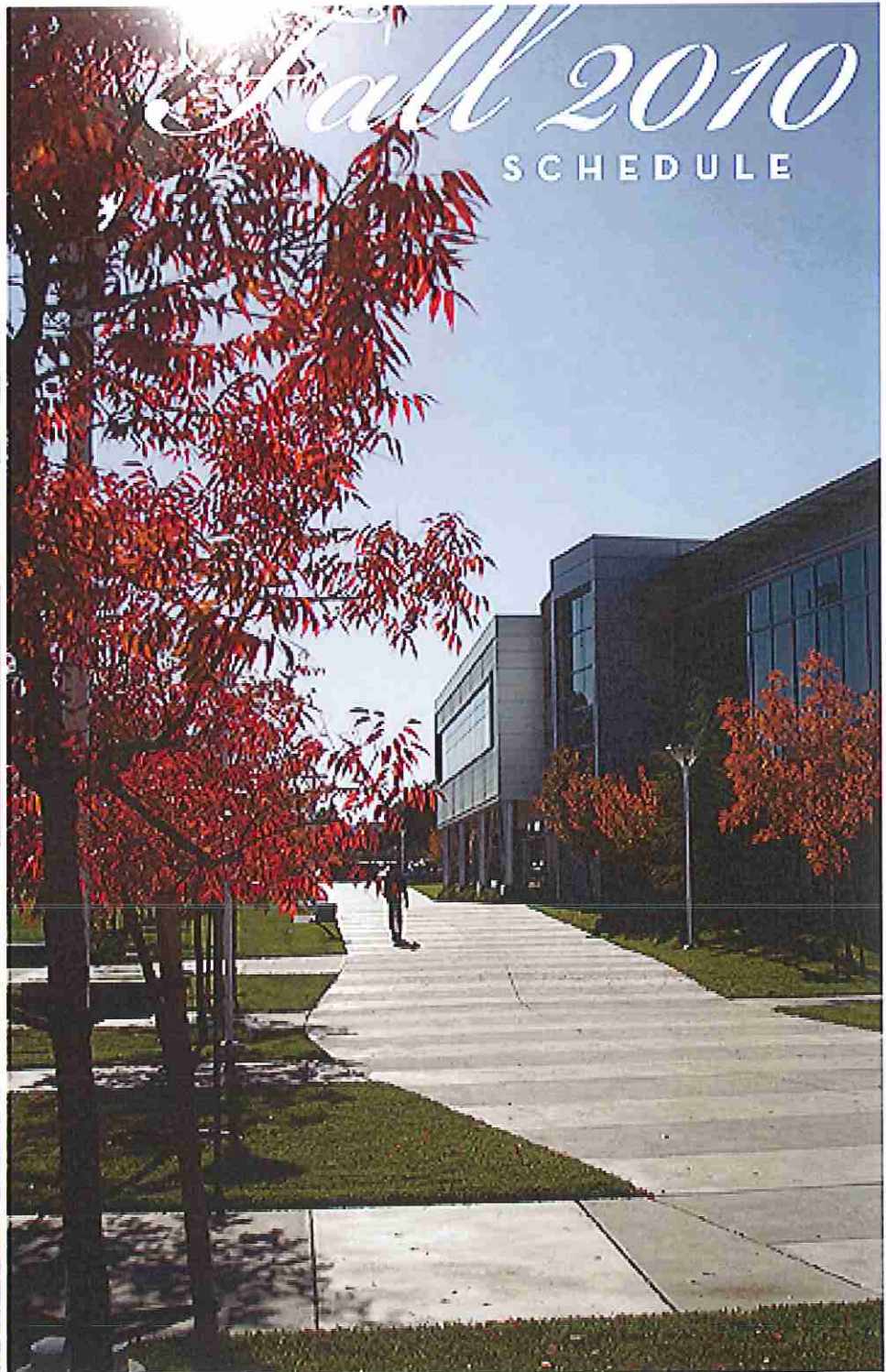
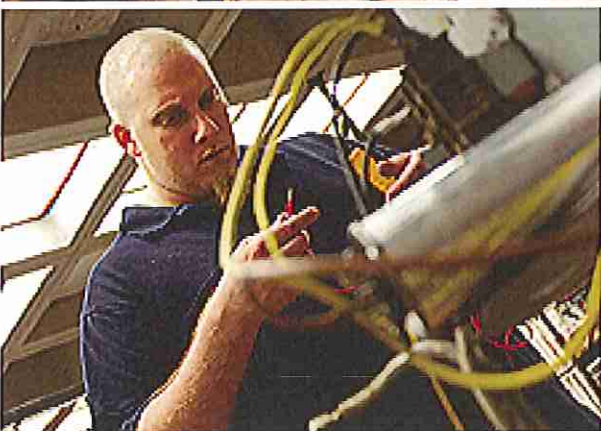
Census Tract 3551.01



4 miles across

APPENDIX B

LOS MEDANOS COLLEGE
FALL 2010 SCHEDULE OF CLASSES



Fall 2010

SCHEDULE

LOS MEDANOS
COLLEGE



IMPORTANT DATES:

Fall Semester Begins.....	August 13
Last day to add semester-length courses	August 26
Last day to file drop for semester-length courses & be eligible for refund	August 26
Labor Day - legal holiday.....	September 6
Last day to file drop for semester-length courses to avoid "W" on transcript.....	September 10
Last day to petition for Pass/No Pass (P/NP) option for semester-length courses....	September 10
Native American Day - legal holiday.....	September 24
Veteran's Day - legal holiday.....	November 12
Last day to file drop for semester-length course	November 19
Thanksgiving - legal & board holidays.....	November 25-28
Final exams begin.....	December 13
Last day of instruction	December 18

**LOS MEDANOS
COLLEGE**

A TRADITION OF EXCELLENCE SINCE 1974

**Contra Costa
Community
College District**

Los Medanos College is proud to be one of the Colleges of Contra Costa. The District Office is located at 500 Court Street in Martinez, California 94553.

Other colleges in the district include: Contra Costa College in San Pablo and Diablo Valley College in Pleasant Hill, which operates the San Ramon Valley Center.

Board of Trustees

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Dr. Helen Benjamin

Los Medanos College

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Produced by the LMC Department of Marketing & Media Design

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LEARNING COMMUNITIES

Give your major a jump start with this exciting and engaging program.



20

BRENTWOOD CENTER

More course offerings than ever before.

51



ELECTRICAL/INSTRUMENTATION TECHNOLOGY

One of the hottest majors offered at LMC.



116

YOU STUDY. WE PAY.

Get the money you need for education you deserve.

Admission & Enrollment Information

Fall 2010 Enrollment Dates

Priority Appointments Online or Phone Registration Only*

DSPS/EOPS/Active Military/Eligible Veterans . . . Apr.29-Aug.12

Other Continuing Students May 3-Aug. 12

Based on units accumulated;

**Cosmetology students must register in-person.*

No Appointment Needed

New & Returning Students May 19-Aug.12

Online or phone registration only (except Cosmetology and Nursing students)

Open Enrollment – Online, Phone, or In-Person Aug.2-12

Online and phone registration services will be available to students through the day before individual course sections begin.

Begin ALL Special Admit/Concurrent High School Students Aug.3-12

Late Enrollment

All Students – On a space available basis Aug.13-26

Last Day to Enroll, Pay Fees, or Drop w/Refund Aug.26

Enrollment Hours – Admissions Office

Monday-Thursday: 8:30am–7pm, Friday: 8:30am–4pm. Campus closed Fridays June 4 - July 23

Who May Attend

Los Medanos College is a public two-year community college, offering associate degree programs, vocational certificate programs, transfer curriculum, and occupational skills certificates.

Admission is open to the following:

- Applicants who are 18 years of age or older
- High school graduates
- Applicants with a California High School Proficiency Certificate
- Applicants with a General Education Development Certificate (GED)
- Students currently enrolled in high school, at least 14 years of age or who have completed eighth grade or higher.

How to Apply

New and returning students—applications for admissions may be submitted online by visiting the college website at www.losmedanos.edu. After the application is uploaded, students will receive an email with their student ID, WebAdvisor User ID, registration date and password instructions. Paper applications

(available in Admissions & Records) are also accepted, however online is preferred.

Applications may be submitted online by visiting the college web site at www.losmedanos.edu, by mail or in person.

Special admit students—New and returning students may submit a college application online. This application can be submitted prior to the in-person registration date. Continuing high school students need not resubmit a college application.

Program Changes During Late Registration

Enrollment With Late Add Codes

No fall semester-length class may be added after the published deadline of August 26. Check with course instructors or the Admissions & Records Office for short-term class registration deadlines.

An instructor's approval is required to enroll in a class that has reached maximum enrollment or has already started. First priority for late adds will go to students on the wait lists. Late registration may be

How to Register

Continuing student priority registration: By appointment, online and phone registration only (see page 11 for instructions). *Note that students enrolling in the Cosmetology or Nursing Program must enroll in person.*

Registration appointments are automatically assigned to continuing students based on units accumulated as of the end of the Fall 2009 term. Appointment dates and times can be viewed on WebAdvisor by going to "Priority Registration Date" on the WebAdvisor menu via the college web site, www.losmedanos.edu.

New and returning student priority registration – Apply and enroll early, online and phone only.

Open registration begins – on August 2 for the fall. Enroll online, by phone, or in person. Online and phone registration services will be available through the day before individual course sections begin, on a space-available basis. In-person enrollment will continue through the designated last date to add.

All Special Admit/Concurrent High School students register in person beginning August 3.

processed one of three ways:

- **By Web**— Go to www.losmedanos.edu and log in to WebAdvisor. Select "Late Registration" and enter the course section number and late add code; or
- **By Phone**— Call the phone registration system at 925-370-9000; follow the voice prompt and enter the course section number and late add code; or
- **In-Person**—Bring late add code to the Admissions & Records Office or the Brentwood Center by the last day to add.

Course enrollment is not complete until the add information is processed and the enrollment fee is paid.

If a course is still open during the late registration period, you may enroll at the Admissions & Records Office without instructor permission.

Drops/No Shows:

Students who are not present at the first class meeting may be dropped by the instructor as a "no show." However, it is the student's responsibility to officially withdraw from any classes in which they no longer wish to be enrolled. Non attendance and non-payment of fees do not release the student from this responsibility and may result in a failing grade. Students may drop classes through the telephone registration system, online (on WebAdvisor) or in-person, at the main campus or at the Brentwood Center prior to the designated drop deadline.

Since drop deadlines vary (with or without a refund) depending upon the length of the course, students should inquire in the Admissions & Records Office about these timelines or ask the instructor.

Closed and Cancelled Classes

Any class may be closed to further enrollment when it reaches the maximum size. Additionally, if enrollment is insufficient in any class, it may be cancelled. For information regarding refunds for cancelled classes, see the refund policy.

Residency

For purposes of establishing tuition fees, students are identified as either residents or non-residents.

- **Residents:** those who have lived in California as legal residents for at least one year prior to the first day of a new semester and who can demonstrate intent to remain a California resident. Non-citizens who meet residency requirements and who desire to enroll as a California resident must provide documentation from USCIS.
- **Non-residents:** those who do not meet the California resident requirements. See page 6 regarding tuition for non-California residents.

Nonresident Tuition Exemption (AB 540)

In 2001 the California legislature passed a law (AB 540) that exempts certain categories of students from paying nonresident tuition. To be eligible you must have completed at least three years of high school and have graduated (or earned a high school equivalency) while living and attending school in California.

If you believe you are eligible for this special exemption, submit the *California Nonresident Tuition Exemption Request* form

to the Admissions and Records Office for review. The form is available online at www.losmedanos.edu or at the Admissions and Records Office.

Special Admit High School Students

Students who are 14 years of age or older or those who have completed the eighth grade or higher are eligible for concurrent enrollment as 'special admit' students. High school students may enroll in up to seven (7) units in Fall and Spring terms or five (5) units of college coursework in the summer with approval of their school principal and parent*. With appropriate approvals, special admit students may enroll in advanced academic and vocational credit courses (degree applicable courses only).

Students 14 – 15 years of age and/or special admit students requesting to enroll in more than the unit limit are required to complete the online orientation. Signatures for approval must be submitted at the time of enrollment on an *Age Waiver Form* or *Unit Limit Waiver Form*.

* Important Note: By giving consent, parents of concurrently enrolled high school students agree they understand that the college is an adult learning environment and students are expected to behave accordingly. Additionally, they understand that classes will be taught at the college level and the curriculum and college procedures will not be modified nor will other accommodations be made.

Special Admit Enrollment Policies

Concurrently enrolled high school students may enroll in college courses with submission of a college application and proper approval forms on a space available basis. Registration for high school students must be completed in-person on designated enrollment dates or anytime later (see enrollment dates on preceding page). Required forms that must be submitted each term/semester: online college application, (if you have been away two semesters or longer) a Special Admit Enrollment form, and if applicable, an *Age Waiver Form* or *Unit Limit Waiver Form*.

Special Admit students should bring documentation to verify prerequisites (if required) at the time of registration (see 'Prerequisite/Advisories' below). Note that enrollment in English and some Math classes require completion of the LMC assessment test prior to registration. An appointment can be made through

the Assessment Center, located in Room 524 (Level 3). For information call (925) 439-2181, extension 3252 or www.losmedanos.edu.

Special Admit Orientation Requirement

Students 14 – 15 years of age or high school students wishing to appeal the unit limit must participate in a special admit orientation and request approval from an instructional dean. View the orientation on the college web site (www.losmedanos.edu). Print a "Certificate of Completion" at the end of the orientation and arrange to meet with an instructional dean to request enrollment approval.

Open Course Policy

Every course is open for enrollment to any person admitted to the college who meets the course prerequisites and enrollment procedures.

All courses are offered for college credit; auditing is not permitted.

Prerequisites/Advisories

Note: Some courses have prerequisites or advisories included with the course description. These are designated to assist students in selection of course levels for their maximum success.

Important: To ensure proper placement, prerequisites for all classes will be checked at the time of registration. If you have taken a prerequisite course at an institution other than LMC, you should request to have an official transcript sent to the LMC Admissions & Records Office prior to registration or bring a transcript with you for purposes of verification.

Prerequisites may be challenged through the end of the first week of instruction for semester-length classes or through the last date to add for short-term classes. Challenge forms are available through the Admissions & Records Office or the Brentwood Center Office. A student may be conditionally enrolled in a course upon submission of a completed challenge form. If the challenge is denied, the student will be dropped from the class and the enrollment fee will be refunded.

References to "successful completion" implies with a grade of 'C' or better. Advisories are recommendations only and need not be verified.

Wait List

Students can place themselves on a wait list for closed classes. Once courses with a wait list fill to their maximum capacity, you have the option to add your name to a priority listing in the event drops should occur or the instructor agrees to add late enrollees (at the first class meeting).

See next page for details.

Important Wait List Details

1. All corequisites or prerequisites must be met before being placed on a wait list.
2. Once you have added your name to a wait list, you can check your status (i. e. you are now number 2 of 5 students on the list) by going into "Manage My Waitlist" on WebAdvisor. **You should check your status on WebAdvisor frequently**, to allow yourself the maximum amount of time to enroll, in the event permission is granted prior to the start of instruction (includes weekends and holidays).
3. If space becomes available in your wait list course, you will receive notification that the space is being reserved for you. The message will be sent by email or you can access the information by checking "Manage My Wait List". ***It is important that the Admissions Office has your current email address on file. Failure to provide updated information will not result in extended time to be allowed for enrollment.**
4. Once permission is granted, you will have five calendar days to enroll in the class, via WebAdvisor or by the phone registration system (or in-person). **After five days, if you have not enrolled in the class, your name will be removed from the wait list** and the next student on the list will be notified that he/she is eligible to fill the open seat. Once your name is removed from the list, you no longer have priority status.
5. If you are on a wait list at the start of instruction, you must attend the first class meeting to see if there is space available for late enrollment. If you do not attend the first class, you lose your place on the priority listing and another student may be added instead.

If approved, the instructor will give you a unique late-add code. The code must be entered on the phone registration system or on WebAdvisor by the end of

the late registration period (August 28 for semester-length classes). Your registration is not complete until your add code is processed and enrollment fees are paid.

Please note: Beginning with the first day of instruction, the option to have your name placed on a wait list is no longer available.

Student Status

New Student

You are a new student if you have never enrolled in classes at any college.

New Transfer

You are a new transfer if you have attended another college, but have never been enrolled at LMC.

Returning Student

You are a returning student if you have attended LMC but have been away for two consecutive semesters or longer.

Returning Transfer

You are a returning transfer if you have previously been enrolled at LMC and are now returning after attending another college.

Continuing Student

Registered for classes at LMC during Fall 2009, Spring 2010 or Summer 2010.

Course Load

Full Time = 12 units or more

3/4 Time = 9–11.5 units

1/2 Time = 6–8.5 units

Transfer of Credit

If you have previous college experience and would like to transfer other college credit to LMC, you must request an official college transcript to be sent to the LMC Admissions & Records Office (Note: not required if prior coursework is within the CCCC district.) Your previous coursework will then be evaluated for prerequisite and equivalent course information. A full evaluation will be completed as needed for counseling appointments or with submission of a Petition to Graduate.

Veterans Benefits

Priority registration appointments are available by request to active military personnel and to veterans discharged within two years preceding the term of enrollment.

Information on veterans benefits is available in the Admissions & Records Office, Room 401, ext. 3129.

Vocational Rehabilitation

The State Bureau of Vocational Rehabilitation provides financial assistance in some cases to students who require vocational training. Aid covers fees and books. Applicants should see a Vocational Rehabilitation Counselor well in advance of the school term to work out necessary arrangements.

Office of Vocational Rehabilitation
3656 Delta Fair Blvd., Antioch
(925) 754-7700.

Restricted Enrollment

Enrollment in LMC courses may be denied based on the following:

- You have an outstanding debt to the college
- You have unpaid library charges for overdue or lost books
- You have been dismissed for GPA or academic progress reasons.

Accuracy and Revisions

Los Medanos College has made every reasonable effort to determine that everything stated in this schedule is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the administration of Los Medanos College for reasons related to student enrollment, level of financial support, or for any other reason at the discretion of the Contra Costa Community College District and the College. The District and the College further reserve the right to add to, amend or repeal any of their rules, regulations, policies, and procedures consistent with applicable laws. At the time of publication, the fees described in the schedule are accurate. However, at any time, local or state mandated fees may be imposed or increased.

New Student Orientation

Orientation Dates: After submitting your Application for Admission, choose an orientation date below and sign up ONLINE at www.losmedanos.edu, at the ADMISSIONS WINDOW, or call (925) 439-2181, ext. 3422. Be sure to arrive ON TIME!

Before your orientation,

go to the Assessment Center, room 524 on Level 3, and complete your English and math assessment tests, or submit other college test scores. Assessment is available on a drop-in basis. For dates and times, please call the Assessment Center at (925) 439-2181, ext. 3252 or check the website, <http://www.losmedanos.edu/assessment> for the schedule.

All students new to Los Medanos College are strongly encouraged to attend NEW STUDENT ORIENTATION, part of the college matriculation process. In New Student Orientation, you will:

- Learn which courses are required to achieve your educational goal
- Learn about LMC's majors, services, and procedures
- Discuss your English and math assessment test results
- Plan your first-semester courses with assistance from a counselor
- Receive a free Student Handbook & Course Schedule
- Have your individual questions answered by a counselor

Assessment Center phone:
(925) 439-2181, ext.3252

Online Orientation

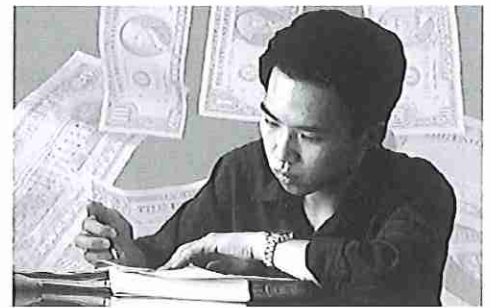
This option provides a brief but convenient orientation that should be followed by an appointment with a counselor who can assist you with choosing courses and other educational goals.

www.losmedanos.edu/orientationNew

Dates	Times
Wednesday, June 9	9:00 a.m. – 12:00 p.m.
Thursday, June 10.....	12:00 p.m. – 3:00 p.m.
Tuesday, June 15.....	12:00 p.m. – 3:00 p.m.
Wednesday, June 16.....	7:00 p.m. – 10:00 p.m.
Monday, June 17	9:00 a.m. – 12:00 p.m.
Tuesday, June 22.....	9:00 a.m. – 12:00 p.m.
Thursday, June 24.....	9:00 a.m. – 12:00 p.m.
Monday, June 28	7:00 p.m. – 10:00 p.m.
Wednesday, June 30.....	12:00 p.m. – 3:00 p.m.
Brentwood Center Dates and Times- TBA	
First day of instruction: Friday, August 13	

Fees and Tuition

Note: Fees shown are those in effect at the time of publishing and are subject to change*. Fees may be paid in cash, by personal check, VISA or Mastercard for the exact amount.



FINANCIAL assistance

What If You Can't Afford the Fees? We Can Help You!

Come to the Office of Financial Aid and learn about the financial opportunities available to eligible students.

Financial Aid disbursement checks for students enrolled at the beginning of the term for semester-length and short term courses will be paid as follows:

- 25% of the student's financial aid computation will be paid during the first week of the school term.
- The computed financial aid, minus first installment payment, will be paid on the 4th week of the term.

The above payment schedule provides for an early financial aid payment to assist with textbooks and other college start-up expenses.

The final or second payment is a revised computation of financial aid based on currently enrolled units through the end of the add/drop period.

Selective Service Requirement & Financial Aid

Section 3 of the Military Selective Service Act requires that all male United States citizens and male aliens residing in the United States and its territories, who are 18 through 25 years of age, must register with Selective Service. Men who were born after December 31, 1959, and are not registered with Selective Service will not qualify for any Federal student loans or grant programs.

The Selective Services requirement does not affect eligibility for the Board of Governors Fee Waiver.

Fee Type	Amount	Required of
Enrollment Fee	\$26 per unit* (No maximum)	All students**
Non-Resident Tuition	\$185 per unit* (No maximum)	Non – California residents (<i>must be paid in addition to enrollment fee</i>)
Non-U.S. Citizen Tuition	\$190 per unit* (No maximum)	Those non U.S. citizens who by law cannot establish California residency (<i>must be paid in addition to enrollment fee</i>)
Student Union Fee	\$1 per unit, to a maximum of \$10 per academic year	All students – pays for the construction and maintenance of a student center
Parking Fee Permit***	\$40 for cars \$20 for motorcycles or \$3/day both autos and motorcycles	All vehicles anywhere on campus, including dirt lots, roads, etc., except on weekends and holidays
Transcript Request	\$5 per copy (first two transcripts in district – free)	All students – Payable with written request
<i>Rush transcripts are available for an additional fee.</i>		
Returned Check Fee	\$15	All students – Only cash or cashier's checks will be honored for clearing checks returned for insufficient funds. Records are held until the fee is cleared.
Materials Fee	Vary	Some classes may charge additional fees

*The District reserves the right to change enrollment and nonresident tuition fees, based on state legislation. Please see side bar for information on financial assistance.

**Special admit students (K-12) are exempt from enrollment fees if enrolled in less than 12 units.

***The District reserves the right to change parking fees based on CCCC Board Policy.

For more information: call (925) 439-2181, 3139 -or- visit the Office of Financial Aid, Room CC3 431. Additionally, check **WebAdvisor**, the new on-line service available to all students in the Contra Costa Community College District. You can now access your student information on-line, from your home or office, by visiting the college web site at www.losmedanos.edu and clicking on **WebAdvisor**. Among others, "Financial Aid Status By Term/Year" is available.

Student Fee Refund Information

Student Fee and Enrollment Refund

Fee refunds for students who withdraw from school or drop classes by the deadline for class add/drop will be automatically calculated at the District Accounting Department. Refund checks for complete or partial withdrawals from school will be processed after the first two weeks of instruction. Refund checks will be mailed to the student address on file in the college Admissions Office. If the student paid by credit card on WebAdvisor, the refund will be processed as a credit to the credit card.

Don't be left behind! If you have a new address, please notify the Admissions & Records Office immediately! This needs to be done prior to the time of withdrawal or change of program.

A refund will not be made if the student has other outstanding debts to the college. Refund checks will be issued monthly after the first two weeks of instruction each semester. All refund checks will be made payable to the student whether paid by cash, check, money order, cashier's check or credit card. No refund of the enrollment fee will be made to any student who withdraws from classes after the first two weeks of instruction for a full semester class, or after 10% of the class time for a short-term class. An example, a 10 day course would need to be dropped in just **one day!** And a one day course would need to be dropped the day before the course.



Students who register and subsequently drop all classes prior to the beginning of the semester may petition for an early refund at the Cashier's Office.

Parking Permit Refunds

Parking permit refunds will be made if the student drops all classes within the first two weeks of instruction for semester-length courses or by 10% of the length of short-term courses. Lost or stolen parking permits are not refundable.

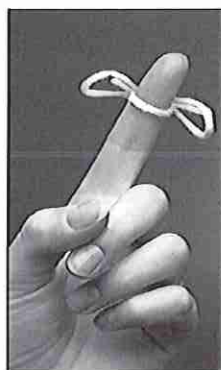
Financial Aid Enrollment Fee Refunds

If subsequent to paying enrollment fees, a student becomes eligible for financial aid and receives an enrollment fee waiver, the student will automatically be mailed a full refund check according to the same refund processing cycle as enrollment fee refunds.

Enrollment Fee Deferments

If subsequent to paying enrollment fees, a student becomes eligible for an enrollment fee deferment to an outside agency, the student must have the document stating the deferment submitted to the Cashier's Office. The student will then automatically be mailed a refund check of the deferred fees within two weeks after the outside agency has been billed.

Details regarding the refund policy are available from the Cashier's Office or Admissions & Records Office.



Remember!

If you enroll in a class and decide not to attend, you **MUST** officially drop the class. Otherwise, you are responsible for payment.

It's **NOT** an automatic process!

How to Apply & Enroll Online

IN ADDITION TO OUR TELEPHONE SERVICE, YOU CAN NOW APPLY & ENROLL ONLINE

The Contra Costa Community College District online admissions application service is available 24-hours a day

STEPS TO **APPLY** ONLINE

1. Go to our website at www.losmedanos.edu
2. Click on "Apply & Register"
3. Click on "Apply to LMC"
4. Follow the application instructions

STEPS TO **ENROLL** ONLINE

1. Go to our website at www.losmedanos.edu
2. Click on the WebAdvisor icon on the home page; go to "WebAdvisor."
3. Log in with your user ID and password.
4. Click on "Current students"
5. Select one of the choices in the registration menu.

Board of Governors Fee Waiver Application

California Community Colleges 2010-2011

California Community Colleges 2010-2011 Board of Governors Fee Waiver Application

This is an application to have your **ENROLLMENT FEES WAIVED**. This **FEE WAIVER** is for California residents only. If you need money to help with books, supplies, food, rent, transportation and other costs, please complete a **FREE APPLICATION FOR FEDERAL STUDENT AID (FAFSA)** immediately. Contact the Financial Aid Office for more information. The FAFSA is available at www.fafsa.ed.gov or at the Financial Aid Office.

Note: Students who are exempt from paying nonresident tuition under Education Code Section 68130.5 (AB 540) are NOT California residents. If you are NOT a California resident, you are not eligible for a fee waiver. Do not complete this application. You may apply for financial aid by completing the FAFSA.

Name: _____ Student ID # _____
 Last First Middle Initial

Email (if available): _____ Telephone Number: (____) _____

Home Address: _____ Date of Birth: ____/____/____
 Street City Zip Code

Has the Admissions or Registrar's Office determined that you are a California resident? Yes No

IMPLEMENTATION OF THE CALIFORNIA DOMESTIC PARTNER RIGHTS AND RESPONSIBILITIES ACT

The California Domestic Partner Rights and Responsibilities Act extends new rights, benefits, responsibilities and obligations to individuals in domestic partnerships registered with the California Secretary of State under Section 297 of the Family Code. If you are in a Registered Domestic Partnership (RDP), you will be treated as an Independent married student to determine eligibility for this Enrollment Fee Waiver and will need to provide income and household information for your domestic partner. If you are a dependent student and your parent is in a Registered Domestic Partnership, you will be treated the same as a student with married parents and income and household information will be required for the parent's domestic partner. **Note: These provisions apply to state student financial aid ONLY, and not to federal student financial aid.**

Are you or your parent in a Registered Domestic Partnership with the California Secretary of State under Section 297 of the Family Code? (Answer "Yes" if you or your parent are separated from a Registered Domestic Partner but have **NOT FILED** a Notice of Termination of Domestic Partnership with the California Secretary of State's Office.) Yes No

If you answered "Yes" to the question above treat the Registered Domestic Partner as a spouse. You are required to include your domestic partner's income and household information or your parent's domestic partner's income and household information in Questions 4, 11, 12, 13, 14, 15, 16, 17.

Student Marital Status: Single Married Divorced Separated Widowed Registered Domestic Partnership

DEPENDENCY STATUS

The questions below will determine whether you are considered a Dependent student or Independent student for fee waiver eligibility and whether parental information is needed. If you answer "Yes" to ANY of the questions 1-10 below, you will be considered an INDEPENDENT student. If you answer "No" to all questions, you will be considered a Dependent student thereby reporting parental information and should continue with Question 11.

1. Were you born before January 1, 1987? (If "Yes," skip to question 13) Yes No
2. As of today, are you married or in a Registered Domestic Partnership (RDP)? (Answer "Yes" if you are separated but not divorced or have not filed a termination notice to dissolve partnership. Also, if you answer "Yes," skip to question 13.) Yes No
3. Are you a veteran of the U.S. Armed Forces or currently serving on active duty for purposes other than training? (If "Yes," skip to question 13) Yes No
4. Do you have children who receive more than half of their support from you, or other dependents who live with you (other than your children and spouse/RDP) who receive more than half of their support from you, now and through June 30, 2011? (If "Yes," skip to question 13) Yes No
5. When you were age 13 or older, were both your parents deceased, were you in foster care or were you a dependent/ward of the court? (If "Yes," skip to question 13) Yes No
6. As of today, are you an emancipated minor as determined by a court in your state of legal residence? (If "Yes," skip to question 13) Yes No
7. As of today, are you in legal guardianship as determined by a court in your state of legal residence? (If "Yes," skip to question 13) Yes No

8. At any time on or after July 1, 2009, did your high school or school district homeless liaison determine that you were an unaccompanied youth who was homeless? (If "Yes," skip to question 13) Yes No
9. At any time on or after July 1, 2009, did the director of an emergency shelter program funded by the U.S. Department of Housing and Urban Development determine that you were an unaccompanied youth who was homeless? (If "Yes," skip to question 13) Yes No
10. At any time on or after July 1, 2009, did the director of a runaway or homeless youth basic center or transitional living program determine that you were an unaccompanied youth who was homeless or were self-supporting and at risk of being homeless? (If "Yes," skip to question 13) Yes No

• If you answered "Yes" to any of the questions 1 - 10, you are considered an INDEPENDENT student for enrollment fee waiver purposes and must provide income and household information about yourself (and your spouse or RDP if applicable). Skip to Question #13.

• If you answered "No" to all questions 1 - 10, complete the following questions:

11. If your parent(s) or his/her RDP filed or will file a 2009 U.S. Income Tax Return, were you, or will you be claimed on their tax return as an exemption by either or both of your parents? Will Not File Yes No
12. Do you live with one or both of your parent(s) and/or his/her RDP? Yes No

• If you answered "No" to questions 1 - 10 and "Yes" to either question 11 or 12, you must provide income and household information about your PARENT(S)/RDP. Please answer questions for a DEPENDENT student in the sections that follow.

• If you answered "No" or "Parent(s) will not file" to question 11, and "No" to question 12, you are a dependent student for all student aid except this enrollment fee waiver. You may answer questions as an INDEPENDENT student on the rest of this application, but please try to get your PARENT information and file a FAFSA so you may be considered for other student aid. You cannot get other student aid without your parent(s)' information.

METHOD A ENROLLMENT FEE WAIVER

13. Are you (the student ONLY) currently receiving monthly cash assistance for yourself or any dependents from:
 TANF/CalWORKs? Yes No
 SSI/SSP (Supplemental Security Income/State Supplemental Program)? Yes No
 General Assistance? Yes No
14. If you are a dependent student, are your parent(s)/RDP receiving monthly cash assistance from TANF/CalWORKs or SSI/SSP as a primary source of income? Yes No
- If you answered "Yes" to question 13 or 14 you are eligible for an ENROLLMENT FEE WAIVER. Sign the Certification at the end of this form. You are required to show current proof of benefits. Complete a FAFSA to be eligible for other financial aid opportunities.

METHOD B ENROLLMENT FEE WAIVER

15. **DEPENDENT STUDENT:** How many persons are in your parent(s)/RDP household? (Include yourself, your parent(s)/RDP, and anyone who lives with your parent(s)/RDP and receives more than 50% of their support from your parents/RDP, now and through June 30, 2011.) _____
16. **INDEPENDENT STUDENT:** How many persons are in your household? (Include yourself, your spouse/RDP, and anyone who lives with you and receives more than 50% of their support from you, now and through June 30, 2011.) _____

17. 2009 Income Information

(Dependent students should not include their income information for Q 17 a and b below.)

	DEPENDENT STUDENT: PARENT(S)/ RDP INCOME ONLY	INDEPENDENT STUDENT: STUDENT (& SPOUSE'S/ RDP) INCOME
a. Adjusted Gross Income (If 2009 U.S. Income Tax Return was filed, enter the amount from Form 1040, line 37; 1040A, line 21; 1040EZ, line 4).	\$ _____	\$ _____
b. All other income (Include ALL money received in 2009 that is not included in line (a) above (such as disability, child support, military living allowance, Workman's Compensation, untaxed pensions).	\$ _____	\$ _____
TOTAL Income for 2009 (Sum of a + b)	\$ _____	\$ _____

The Financial Aid Office will review your income and let you know if you qualify for an ENROLLMENT FEE WAIVER under Method B. If you do not qualify using this simple method, you should file a FAFSA.

SPECIAL CLASSIFICATIONS ENROLLMENT FEE WAIVERS

18. Do you have certification from the CA Department of Veterans Affairs that you are eligible for a dependent's fee waiver?
 Submit certification. Yes No
19. Do you have certification from the National Guard Adjutant General that you are eligible for a dependent's fee waiver?
 Submit certification. Yes No
20. Are you eligible as a recipient of the Congressional Medal of Honor or as a child of a recipient?
 Submit documentation from the Department of Veterans Affairs. Yes No
21. Are you eligible as a dependent of a victim of the September 11, 2001, terrorist attack?
 Submit documentation from the CA Victim Compensation and Government Claims Board. Yes No
22. Are you eligible as a dependent of a deceased law enforcement/fire suppression personnel killed in the line of duty?
 Submit documentation from the public agency employer of record. Yes No
- If you answered "Yes" to any of the questions from 18-22, you are eligible for an ENROLLMENT FEE WAIVER and perhaps other fee waivers or adjustments. Sign the Certification below. Contact the Financial Aid Office if you have questions.

CERTIFICATION FOR ALL APPLICANTS: READ THIS STATEMENT AND SIGN BELOW

I hereby swear or affirm, under penalty of perjury, that all information on this form is true and complete to the best of my knowledge. If asked by an authorized official, I agree to provide proof of this information, which may include a copy of my and my spouse/registered domestic partner and/or my parent's/registered domestic partner's 2009 U.S. Income Tax Return(s). I also realize that any false statement or failure to give proof when asked may be cause for the denial, reduction, withdrawal, and/or repayment of my waiver. I authorize release of information regarding this application between the college, the college district, and the Chancellor's Office of the California Community Colleges.

I understand the following information (please check each box):

- Federal and state financial aid programs are available to help with college costs (including enrollment fees, books & supplies, transportation and room and board expenses). By completing the FAFSA, additional financial assistance may be available in the form of Pell and other grants, work study and other aid.
- I may apply for and receive financial assistance if I am enrolled, either full time or part time, in an eligible program of study (certificate, associate degree or transfer).
- Financial aid program information and application assistance is available in the college financial aid office.

 Applicant's Signature Date Parent Signature (Dependent Students Only) Date

CALIFORNIA INFORMATION PRIVACY ACT

State and federal laws protect an individual's right to privacy regarding information pertaining to oneself. The California Information Practices Act of 1977 requires the following information be provided to financial aid applicants who are asked to supply information about themselves. The principal purpose for requesting information on this form is to determine your eligibility for financial aid. The Chancellor's Office policy and the policy of the community college to which you are applying for aid authorize maintenance of this information. Failure to provide such information will delay and may even prevent your receipt of financial assistance. This form's information may be transmitted to other state agencies and the federal government if required by law. Individuals have the right of access to records established from information furnished on this form as it pertains to them.

The officials responsible for maintaining the information contained on this form are the financial aid administrators at the institutions to which you are applying for financial aid. The SSN may be used to verify your identity under record keeping systems established prior to January 1, 1975. If your college requires you to provide an SSN and you have questions, you should ask the financial aid officer at your college for further information. The Chancellor's Office and the California community colleges, in compliance with federal and state laws, do not discriminate on the basis of race, religion, color, national origin, gender, age, disability, medical condition, sexual orientation, domestic partnership or any other legally protected basis. Inquiries regarding these policies may be directed to the financial aid office of the college to which you are applying.

FOR OFFICIAL USE ONLY

<input type="checkbox"/> BOGA1 (Tanf/CalWorks) <input type="checkbox"/> BOGA2 (SSI/SSP) <input type="checkbox"/> BOGA3 (GA) <input type="checkbox"/> BOGB <input type="checkbox"/> BOGC <input type="checkbox"/> Dependent of Veteran - F1 <input type="checkbox"/> Dependent of CA National Guard - F2 <input type="checkbox"/> Recipient/Dependent of Medal of Honor - F3	<input type="checkbox"/> Dependent of September 11 victim - F4 <input type="checkbox"/> Dependent of deceased law enforcement - F5 <input type="checkbox"/> RDP <input type="checkbox"/> Student <input type="checkbox"/> Parent <input type="checkbox"/> Student is NOT Eligible	Comments: _____ _____ _____ _____ Certified By: _____ Date _____
--	--	---

How to Enroll by Phone or Online

Who

You may register by telephone or online on WebAdvisor if:

- You are a continuing student from the Fall 2009, Spring 2010 or Summer 2010 or
- You have submitted an application for the Fall 2010 semester.
- * Excludes high-school students, and students enrolling in the Nursing or Cosmetology programs, who must provide enrollment forms in person.

When

- Enrollment online or by touch-tone phone in semester-length and short-term classes is available on or after your registration appointment time/date, up through the day before classes begin. After the individual course start date, both systems may be used for dropping classes and reviewing final grades. The phone registration system may also be used by students who are approved to register in full classes during the late registration period by entering their "late add codes".
- The touch tone phone system is available Monday–Saturday, 5 am to 11:30 pm; Sunday after 10 am
- WebAdvisor can be accessed 24 hours a day Monday–Saturday; Sunday, after 10 am

How to register by phone

Complete the touch-tone work sheet before you call the registration telephone number.

On or after your registration date, call the system number: 925-370-9000.

The system prompt will take you step-by-step through the registration process. If you make a mistake, need additional help, want to review your courses, or want to cancel all transactions made during your telephone call, select the appropriate action codes identified by the voice prompt.

Note that prerequisites must be verified prior to course enrollment. See course description for prerequisite information.

How to register online on WebAdvisor

- Make a list of the classes you want by reviewing the class schedule.
- On or after your appointment date, go to www.losmedanos.edu and click on the **WebAdvisor** icon. At the main menu, click on **Log In**.
- Your User Name is your first initial, last name, and the last 3 digits of your student ID number (example: Sam Jones would be sjones567). If you do not remember your student ID number, click on **User ID help** on the Current Student main menu then **What's my User ID**. **ID numbers cannot be obtained over the phone by calling the Admissions Office.**
- Type in your Password. If you have never used WebAdvisor, your password is your six digit date of birth (example: if your

birthdate is April 1, 1985, your password would be 040185). Once this is entered you will be taken to a page that says your password has expired. You will be asked to create a new password by entering your User ID, old password (your birthdate), and a new password that is 6 to 9 characters in length and contains at least one number.

- Click on the **Current Students** button.
- Under **Registration**, you can go to **My Priority Registration Dates** to confirm when you are eligible to enroll.
- Click on **Register for Sections**. Review your contact information on any registration section you may update your contact info.
- Click **Express Registration**.
- Complete the section fields with four digit section numbers and select the appropriate term. Click on **Submit**.
- On the **Registration Results** page, review your schedule and print a copy for your records.
- Scroll down to the bottom of the page and click on **Make a Payment** (by credit card) or send a check to the Cashier's Office, Los Medanos College, 2700 E. Leland Road, Pittsburg, CA 94565

Fee Payment

- Fees may be paid by check or credit card (VISA or MasterCard).
- If you pay by check, mail or take your check to the Cashier's Office immediately following registration. Write your ID number or social security number on the check.

Note Regarding Financial Assistance

If you are receiving financial assistance through the college, your fee waiver must be processed before you register for classes.

Confirmation of Transactions

You will be mailed a confirmation if you register by phone. Two additional ways to access this information:

- Call the telephone registration system and press to review your schedule, or
- Visit the college web site at www.losmedanos.edu and go into WebAdvisor.



Important Note You will NOT be automatically dropped from classes based on nonattendance. Failure to drop your course may result in a failing grade and a debt on your record.

All outstanding debts must be paid in full. Unpaid debts will result in a registration hold on student records.

Steps to Touch-Tone Phone Enrollment

Remember! To Use the Phone Service:

- You must be a continuing student or have submitted an application or the new semester (see page 17.)
- Course Section Numbers are available in the Schedule of Classes or check the listing posted in the Admissions Office Lobby.

AVAILABLE 7 DAYS
A WEEK
5AM-11:30PM



- CALL THE SYSTEM NUMBER **9 2 5 3 7 0 9 0 0 0**
- Indicate your preference for English or Spanish translation.
- Press **1** to register, add, or drop or press **2** for grades.
- Press **1** to use you ID number _____ OR
Press **2** to enter your social security number: _____ - _____ - _____
- Enter your birth date information: _____ - _____ - _____
You must enter 6 digits (Example 03-09-89) month date year

6. Select the number for the transaction you wish to complete:

- IF ADDING classes, press **1**

COURSE SECTION NUMBER	COURSE	NO	TIME	DAYS	UNITS
<input type="text"/> <input type="text"/> <input type="text"/> =					
OR LATE ADD CODE					
<input type="text"/> <input type="text"/> <input type="text"/> =					

- IF DROPPING classes, press **2**

<input type="text"/> <input type="text"/> <input type="text"/> =					
<input type="text"/> <input type="text"/> <input type="text"/> =					

- TO REVIEW YOUR COURSE SCHEDULE, PRESS **3**
- TO DROP ALL COURSES, PRESS **4**
- TO CANCEL CHANGES MADE DURING THIS PHONE CALL, PRESS **5**
- TO ACCEPT YOUR COURSE SCHEDULE AND RECEIVE YOUR AMOUNT OWED (REGISTRATION FEE), PRESS **6**

7. FEE PAYMENT:

- If paying by VISA Card or MasterCard press **1**
Remember to press the # sign after the last number of your credit card. You will also be asked to enter the three digit card verification value from the back of your credit card.
- If paying by check, press any other key. Write semester, year, and ID Number or social security number on your check, and make payable to "Los Medanos College."
- Amount owed: (as stated by the system) \$ _____

Mail check to:
Los Medanos College
Cashier's Office
2700 East Leland Road
Pittsburg, CA 94565-5197

Registro por Teléfono o Internet

Quien

Puede registrarse por teléfono o Internet en el WebAdvisor si:

- Es un estudiante durante el semestre del Primavera 2008 que está continuando sus estudios o
- Ha sometido una solicitud para el nuevo semestre.

* Excluye a estudiantes de nivel preparatoria; estudiantes que hayan sido aceptados al programa de Enfermería; y estudiantes que desean inscribirse al programa de Cosmetología, los cuales deben presentar su solicitud en persona.

Cuándo

- Las inscripciones por Internet o por el sistema telefónico automatizado en cursos semestrales o de corto plazo están disponibles a partir del día de su cita de registro y hasta el día anterior al comienzo de clases. Una vez comenzado el curso, ambos sistemas de registro pueden ser utilizados paradarse de baja en cualquier curso o revisar calificaciones finales. El sistema de registro telefónico también puede ser utilizado por estudiantes que hayan sido aprobados para registrarse en cursos completos durante el periodo de registro tardío al ingresar sus códigos de adición tardía (late add codes).
- El sistema telefónico automatizado, esta disponible de lunes a sábado entre las 5:00 a.m. a las 11:30 p.m.; domingos después de las 10:00 a.m.
- El WebAdvisor esta disponible las 24 horas del día, de lunes a sábado, y domingos después de las 10:00 a.m.

Registro por Teléfono

Se recomienda completar la hoja de trabajo para la utilización del sistema automatizado antes de marcar el número de registro por teléfono.

Para obtener el número del sistema de registro el día de su inscripción o después marque el: (925) 370-9000.

El sistema automatizado lo guiará paso a paso por el proceso de registro. Si comete algún error y necesita ayuda adicional, quiere revisar tu selección de cursos, o desea cancelar todas las transacciones durante su llamada, simplemente seleccione el código de acción identificados por el sistema automatizado de voz.

Tome en cuenta que sus pre-requisitos deben ser verificados previos a su inscripción de cursos. Diríjase a la descripción de cursos para más información sobre los pre-requisitos.

Registro por Internet en el WebAdvisor

- Haga una lista de los cursos que desea revisando el programa de cursos.
- Diríjase a www.losmedanos.edu en la fecha de su cita de inscripción o posterior a ella, y haga clic en el icono del WebAdvisor. Seleccione la opción de **Log In** en el menú principal.
- Su nombre de usuario es la inicial de su primer nombre, su apellido, y los últimos 3 dígitos de su número de identificación de estudiante. (Ejemplo: Sam Jones sería sjones567). Si no recuerda su número de identificación de estudiante diríjase a **What's My User ID?** en el menú para estudiantes actuales. **Los números de identificación no pueden ser proporcionados por teléfono llamando a la Oficina de Admisiones.**

- Ingrese su contraseña. Si nunca ha utilizado el WebAdvisor, su contraseña es los 6 dígitos de su fecha de nacimiento (ejemplo: si su fecha de nacimiento es abril 1, 1985, su contraseña sería 040185). Una vez que haya ingresado le pedirá que seleccione una nueva contraseña.

- Haga clic en la opción de **Current Students**.

- Revise sus datos personales, y si son correctos haga clic en el enlace de **Continue to Register for Sections**. Si necesita actualizar sus datos seleccione la opción de "update box" y presione el botón de **Submit**. Haga los cambios necesarios y una vez que los haya sometido haga clic en **Continue to Register for Section**.

- En la opción de **Registration** diríjase a **Priority Registration Dates** para confirmar cuando será elegible para registrarse.

- Haga clic en **Register for Section** y después seleccione **Express Registration**.

- Llene los datos requeridos ingresando los cuatro dígitos de los números de sección y seleccione el término de estudios apropiado. Haga clic en **Submit**.

- Esto lo llevará a la página de **Preferred Sections**. Seleccione la acción apropiada y haga clic en **Submit**.

- En la página de **Registration Results** revise su lista de cursos y horario, e imprima una copia para sus archivos.

- Diríjase a la parte inferior de la página y haga clic en **Make a Payment** (con tarjeta de crédito) o envíe un cheque a la Oficina de Admisiones, o a la Oficina de Pagos, Los Medanos College, 2700 E. Leland Road, Pittsburg, CA 94565.

Pago de Cuotas

- Las cuotas pueden ser pagadas por cheque o tarjeta de crédito (Visa o Mastercard).

- Si paga por cheque, este deberá ser recibido por la Oficina de Pagos inmediatamente después e registrarse. Escriba su número estudiantil o número de seguro social en el cheque.

Notas Sobre La Ayuda Financiera

Si está recibiendo ayuda financiera por medio de la universidad su exención a las cuotas de inscripción debe ser procesada antes de su registro a clases.

Confirmación de Transacciones

Recibirá una confirmación por correo de su registro telefónico o Internet. Esta información puede ser accesada de las formas siguientes:

- Comuníquese al sistema de registro y presione la opción para revisar su lista de cursos y horario, o
- Visite la página en Internet de la universidad en www.losmedanos.edu y diríjase al WebAdvisor.

Importante: Toda deuda debe de ser pagda en su totalidad. Si no paga el monto adeudado, su registración sera retenida. **No se le dará de baja automáticamente por no asistir a sus clases. Sin embargo, no darse de baja puede resultar en calificaciones no aprobatorias y una deuda en su record.**

Pasos para el Registro por el Sistema Telefónico Automatizado



¡Recuerda! Para Utilizar el Sistema Telefónico:

- Debe ser un estudiante que está continuando sus estudios o haber sometido una solicitud para el nuevo semestre (ver página 17.)
- Los Números de Sección para Cursos están disponibles en el Programa de Cursos o, revise la lista publicada en la recepción de la Oficina de Admisiones.

1. MARQUE EL NÚMERO DEL SISTEMA 925 370 9000 **9 2 5 3 7 0 9 0 0 0**

2. Indique su preferencia de lenguaje de traducción, inglés o español.

3. Presione **1** para registrarse, agregar, o dar de baja; presione **2** para obtener calificaciones.

DISPONIBLE LOS 7 DIAS
DE LA SEMANA

4. Presione **1** para utilizar su número de identificación _____ 0

5AM-11:30PM

Presione **2** para ingresar su número de seguro social: _____ - _____ - _____

Ahora disponible en Español!

5. Ingrese su fecha de nacimiento: _____ - _____ - _____

Deberá ingresar 6 dígitos (Ejemplo: 03-09-89) mes día año

6. Seleccione el número correspondiente a la transacción que desea completar:

- Para AGREGAR clases presione **1**

NUMERO DE SECCION DEL CURSO	CURSO	NO	HORARIO	DIAS	UNIDADES
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =					
O CODIGO DE ADICION TARDIA					
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =					

- Para DAR DE BAJA clases presione **2**

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =					
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =					

- PARA REVISAR SU LISTA DE CLASES Y HORARIOS, PRESIONE **3**
- PARA DAR DE BAJA TODOS SUS CURSOS, PRESIONE **4**
- PARA CANCELAR CAMBIOS REALIZADOS DURANTE ESTA LLAMADA, PRESIONE **5**
- PARA ACEPTAR SU LISTA DE CURSOS Y HORARIOS Y RECIBIR LA CANTIDAD DE SU DEUDA (CUOTAS DE INSCRIPCION), PRESIONE **6**

7. COMO PAGAR:

- Puede pagar por Visa o Mastercard, presione **1**
Recuerde presionar el signo de # después de haber ingresado el último dígito de su número de tarjeta de crédito. También se le pedirá que ingrese los 3 dígitos de verificación que se encuentran en la parte posterior de su tarjeta.
- Puede pagar con cheque, presione cualquier tecla. Deberá escribir en su cheque el semestre, año y número de identificación o número de seguro social, y hacerlo pagadero a "Los Medanos College."
- Cantidad: (conforme a los establecido por el sistema)
\$ _____
- Todas las cuotas de inscripción deben ser pagadas inmediatamente después de su inscripción.

Enviar cheque por correo a:
Los Medanos College
Cashier's Office
2700 East Leland Road
Pittsburg, CA 94565-5197

Online classes at LMC...

Anywhere... Anytime!

Online classes

www.losmedanos.edu/onlineclasses

LMC now offers over 60 different courses online!

New to online classes? Not that experienced with computers and the Internet?

We highly recommend going through these three steps by going to

www.losmedanos.edu/onlineclasses:

1.

1. Are you ready for an online class?

Take a quiz to see if an online course fits your needs

Check to make sure you have the computer skills you'll need to succeed

2. Is your computer ready?

Make sure your computer and Internet connection are up to speed

3. Find online classes

Search for just online classes – find out more about each class, including contact info for the instructor and textbook info for most courses

4. Get started

Use the step-by-step instructions for accessing your online classroom

Find all of this and more at:

(www.losmedanos.edu/onlineclasses)

2.

Some things to know about online classes at LMC

1. Get to your online classroom at (www.losmedanos.edu/onlineclasses)
2. Your username and initial password are the same as for Web Advisor
3. Online courses begin the first day of class. Your online classroom will not be accessible before that date

4. Check to see if the instructor for your class has any special instructions or information by going to www.losmedanos.edu/onlineclasses and using the drop down menu to find out more (example: select English to see all online English courses, then scroll down to read more about your specific class).

3.

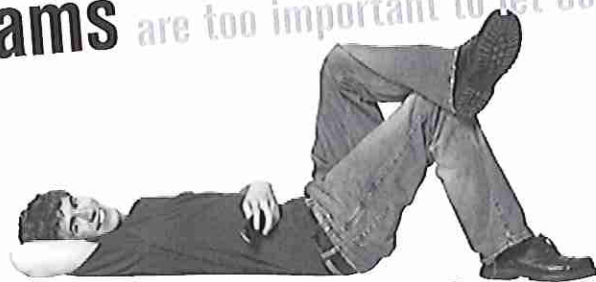
Still have questions?

Many of your answers can be found at (www.losmedanos.edu/onlineclasses)

1. Step-by-step instructions for accessing your online classroom
2. Answers to frequently asked questions and a glossary
3. A troubleshooting guide

4. If you have general questions about Los Medanos College email us at lmquestions@losmedanos.edu. For questions about a specific course, contact the instructor by using the appropriate email address on the opposite page.

Your **dreams** are too important to let college pass you by.



FINANCIAL

AID

THERE ARE SEVERAL DIFFERENT TYPES OF GRANTS AVAILABLE AT LOS MEDANOS COLLEGE.

FEE WAIVERS

The fee waiver is offered by the California Community College Board of Governors. It's easy to apply!

FEDERAL PELL GRANT

Offers up to \$5350 for full-time undergraduate students pursuing a degree or certificate.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT

Offers up to \$1000 for full-time students, and is awarded to those who file by March 2 and have the greatest need.

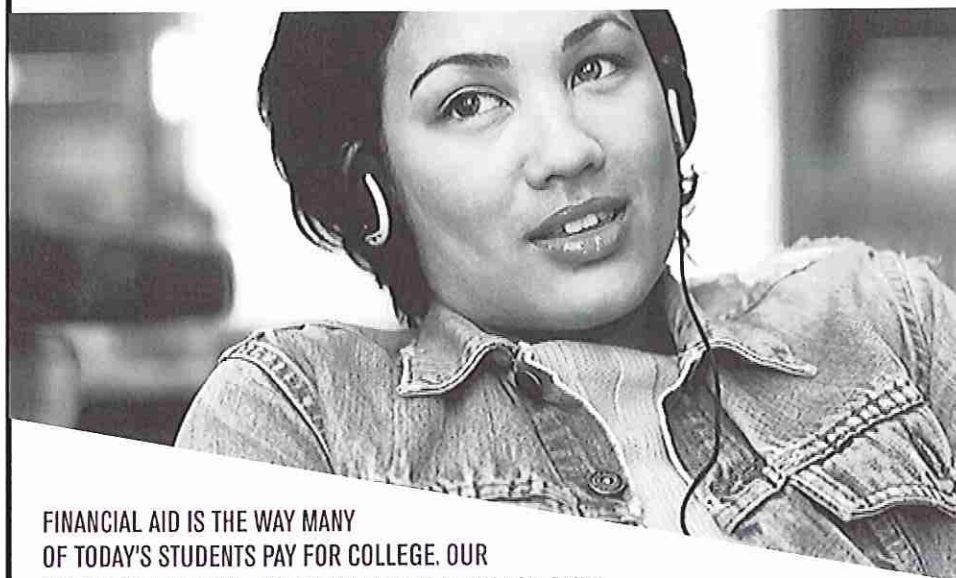
FEDERAL WORK/STUDY

Offers work on campus in an approved department and receive funding in the form of a monthly payroll check to assist with educational expenses.

CAL GRANTS B AND C

Offers between \$1551 and \$576 respectively for students taking 6 units or more. The application period is between January 1 and March 2. If you plan to attend LMC in the fall, you have a second chance to apply, the deadline is September 2.

Stop by the Office of Financial Aid or call 925-439-2181 ext. 3139



FINANCIAL AID IS THE WAY MANY OF TODAY'S STUDENTS PAY FOR COLLEGE. OUR OFFICE OF FINANCIAL AID CAN HELP YOU APPLY FOR STATE AND FEDERAL GRANTS, WORK-STUDY PROGRAMS, AND ENROLLMENT FEE WAIVERS.

Grants are the primary form of financial aid available at LMC. Grants are "free" money that students obtain by taking classes. Grants do not have to be paid back and are given to qualified students in the form of a check.

ABILITY TO BENEFIT TEST

The Higher Education Opportunity Act signed on August 14, 2008, adds a new provision that allows students without a high school diploma or its equivalent to become eligible to receive Title IV funding upon satisfactory completion of six degree applicable courses. These courses must be applicable toward a degree or certificate offered by Los Medanos College. Students are not eligible to receive Title IV funding while earning the six credits.

ALL YOU NEED TO DO IS ASK

Our Office of Financial Aid can assist you in determining the programs that best meet your individual needs. You can start by applying for a Personal Identification Number (PIN) at www.pin.ed.gov. After obtaining your PIN, you can begin filling out your Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov.

Fall 2010 Online Courses

Course	Title	Section	Dates	Instructor	Instructor's Email
BUS-035A	Microsoft Word	0378	10/18-12/17	Pearman, B	bpearman@losmedanos.edu
BUS-035B	Microsoft Excel	0379	10/18-12/17	Adkins, T	theoadkins@yahoo.com
BUS-035C	Microsoft Powerpoint	0380	8/17-10/16	Pearman, B	bpearman@losmedanos.edu
BUS-051	Computer Keyboarding	0445	8/16-10/15	Lundahl, J	jeanne@lumenetics.com
BUS-051	Computer Keyboarding	0451	10/18-12/17	Lundahl, J	jeanne@lumenetics.com
BUS-055	Typing Speed/Accuracy Development	0446	8/16-10/15	Lundahl, J	jeanne@lumenetics.com
BUS-055	Typing Speed/Accuracy Development	0452	8/16-10/15	Lundahl, J	jeanne@lumenetics.com
BUS-080	Ten-Key / Data Entry Skills	0323	9/27-11/5	Aliotti, R	raliotti@losmedanos.edu
COMSC-010	Introduction to Computer Networking	0406	8/16-10/15	Smith, C	csmith@losmedanos.edu
COMSC-012	Introduction to Network Security	0884	10/18-12/17	Smith, C	csmith@losmedanos.edu
COMSC-040	Introduction to Computers	0936	Semester	McKnight, D	dmcknight@losmedanos.edu
COMSC-040	Introduction to Computers	7909	Semester	Stanton, K	kstanton@losmedanos.edu
COMSC-049	Computer Literacy	0941	8/16-10/15	Frates, J	jfrates@losmedanos.edu
COMSC-049	Computer Literacy	0447	10/18-12/17	Smith, C	csmith@losmedanos.edu
COMSC-049	Computer Literacy	0942	10/18-12/17	Frates, J	jfrates@losmedanos.edu
COMSC-080	A Survey of Operating Systems	0917	Semester	Young, D	lmcyoung2001@yahoo.com
COMSC-121	Computer Forensics Investigations & Analysis	0944	Semester	Jones, S	sajones@losmedanos.edu
DRAMA-015	Principles of Dramatic Art: A Multicultural Perspective	0364	9/13-12/10	Perry, J	jperryfolino95@earthlink.net
DRAMA-016	Theatre Appreciation: Greek Myth - Shakespeare - Def Jam	0407	Semester	Dildine, D	ddildine@losmedanos.edu
DRAMA-030	Chicano Cinema: A Critical Analysis	0612	9/20-12/10	Perry, J	jperryfolino95@earthlink.net
ENGL-100	College Composition	0865	Semester	Mitchell, J	jmitchell@losmedanos.edu
ENGL-230	Literature and Composition	1948	Semester	Perry, J	jperryfolino95@earthlink.net
ENGL-231	Mystery and Detective Literature	1532	Semester	Nakaji, K	knakaji@losmedanos.edu
HIST-036	U.S. History: Origins to Civil War	0167	Semester	Medellin, K	kmedellin@losmedanos.edu
HIST-037	U.S. History: Civil War to Present Era	1315	Semester	Medellin, K	kmedellin@losmedanos.edu
HUMAN-040	Opera: The Human Experience in Music, Voice and Drama	1070	Semester	Flynn, R	rflynn@losmedanos.edu
JOURN-015A	Media Writing Practicum I	1516	Semester	McGrath, C	mcgrathlmc@aol.com
JOURN-015B	Media Writing Practicum II	1523	Semester	McGrath, C	mcgrathlmc@aol.com
JOURN-015C	Media Writing Practicum III	1593	Semester	McGrath, C	mcgrathlmc@aol.com
LIBST-014	Library Research and Information Literacy Skills	0076	Semester	Goff, C	cgooff@losmedanos.edu
LIBST-014	Library Research and Information Literacy Skills	0081	Semester	Staff, L	
MUSIC-012	Popular Musics in American Culture	0075	Semester	Zilber, M	music12fa10@yahoo.com
MUSIC-012	Popular Musics in American Culture	0976	Semester	Zilber, M	music12fa10@yahoo.com
PTEC-004	Process Technology (PTEC) Career Exploration	0951	Semester	Cruz, W	wcruz@losmedanos.edu
SPAN-080	Elementary Spanish Grammar	8856	Semester	Huffman, L	lhuffman@losmedanos.edu
SPAN-081	Elementary Spanish Grammar II	8854	Semester	Huffman, L	lhuffman@losmedanos.edu

Fall 2010 Online Courses (continued)

Course	Title	Section	Dates	Instructor	Instructor's Email
SPAN-082	Elementary Spanish Grammar III.....	8855	Semester	Huffman, L.....	huffmanlaurie@comcast.net
TRAVL-072	Introduction to Travel.....	0508	Semester	Wilson, D.....	dwilson@losmedanos.edu
TRAVL-074	North American Destination Specialist	0773	Semester	Wilson, D.....	dwilson@losmedanos.edu
TRAVL-076	Travel Sales and Marketing	4501	Semester	McGill, C.....	cmcgill@losmedanos.edu
TRAVL-082	All About Cruising.....	0436	Semester	McGill, C.....	cmcgill@losmedanos.edu
TRAVL-083	Hawaii Destination Specialist.....	0402	9/20-11/19	Wilson, D.....	dwilson@losmedanos.edu
TRAVL-101	Home-Based Travel: Is It for You?.....	0403	9/13-10/1	McGill, C.....	cmcgill@losmedanos.edu
TRAVL-102	Establishing a Home-Based Travel Business	0414	11/1-11/19	McGill, C.....	cmcgill@losmedanos.edu

Final Exam Schedule

Monday-Friday

Final examination week at Los Medanos College is Monday, December 13, through Friday, December 17. (Make-up finals will be scheduled on Friday only with advanced instructor consent.) Faculty are required to give finals at the stipulated time. In order to determine the scheduled final examination time for a particular day class, locate the day and class meeting time on the top chart and note the letter in the time slot.

Next, locate the letter representing the time block for your regularly scheduled class on the bottom schedule, which will tell you on what day and what time will take the final for that class.

For example, if you have a class MWF 10-11 a.m., the letter that corresponds to this class is "C" on the top chart.

By locating "C" on the bottom chart, you will find that your scheduled final exam time for the class is Monday, December 13 from 10 a.m. to noon.

If your class was TTh 11-12:30, the letter on the top chart would be "L". By locating "L" on the lower chart you will find that the final will be on Thursday, December 16, 10 a.m. to noon.

For any course that crosses more than one block, use the block that contains the majority of the class time. For example, if your class meets TTh from 8 to 10 a.m., use "J". If your class meets TTh 1:30-3 p.m., use "N".

Evening and Weekend Classes

Weekday evening final examinations begin Monday, December 13, and end Thursday evening, December 16, during the regularly scheduled class time. (Evening classes are defined as those that begin at 4 p.m. or thereafter.) The final exam time for Saturday classes is the last regularly scheduled meeting time, December 18.

Fall 2010 Day Class Schedule									
	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm
MON	A	B	C	D	E	F	G	H	
TUE	J	K	L	M	N	O			
WED	A	B	C	D	E	F	G	H	
THU	J	K	L	M	N	O			
FRI	A	B	C	D	E	F	G	H	

Day Time Final Exam Schedule

DATE	8-10am	10am-noon	noon-2pm	2-4pm
Monday Dec 13	A	C	E	G
Tuesday Dec 14	J	K	M	N
Wednesday Dec 15	B	D	F	H
Thursday Dec 16	J	L	M	O
Friday Dec 17	make-ups (only with advance instructor approval)			

Brentwood Center



BRENTWOOD CENTER OFFICE HOURS

Fall Semester

Monday - Thursday, 8:30am - 7:00pm
Fridays, 8:30am - 3:00 pm
Saturdays, 9:00am - 12:00pm

Note that the office closes at 4:30pm
weekdays when classes are
not in session

101A Sand Creek Road
Brentwood, California
(925) 513-1625
www.losmedanos.edu/brentwood
(see map page 119)

Weekend Courses

Friday AM

LRNSK-040 Learning Skills Eligibility
Assessment 10/15 - 11/5
HIST-035 Modern World History
HUMAN-020 Medieval and Renaissance
Humanities
NUTRI-055 Introduction to Nutrition
PSYCH-014 Human Sexuality
SPCH-040 Oral Communication

Saturday AM

ECON-005 Economic History of the U.S.
POLSC-010 Introduction to American
Government
PSYCH-010 Psychology: Individual
and Social Processes

Student Services

- ☑ Admissions/Records
- ☑ Assessment Testing
 - M - Th 8:30am - 5:00pm
 - Fri 8:30am - 1:00pm
 - Sat by appt.
- ☑ Counseling
 - CSU East Bay and UC Davis Advising
- ☑ Financial aid
- ☑ Math lab
- ☑ Reading & Writing Consultants
- ☑ Tutoring

Counseling Courses:

COUNS-033 Transfer Planning 10/13 - 11/17

Student Clubs-

Rotaract for Young Adults

*Sponsored by the Brentwood Rotary International
Service Organization*

Math Club

Sponsored by the Math Department

Course Offerings

- ☑ General education transfer courses
- ☑ Associate degrees
- ☑ Math—basics through Calculus
- ☑ English—ESL through composition
- ☑ Computer courses
- ☑ Introductory occupational courses
 - ☐ Administration of justice
 - ☐ Business
 - ☐ Child development
 - ☐ Fire Technology
- ☑ Spanish conversational & transfer

A complete listing of courses offered at the Brentwood Center can be found on pages 20-21
For a full class description see class listings.

Brentwood Center Courses: Fall Semester

ADJUS-120	1639	Introduction to the Criminal Justice System	W	4:00-6:50pm	BRT-12	Semester
ADJUS-120	1859	Introduction to the Criminal Justice System	TH	7:00-9:50pm	BRT-4	Semester
ANTHR-005	1091	General Anthropology	MW	9:00-10:20am	BRT-11	Semester
ANTHR-006	0728	Cultural Anthropology	MW	10:30-11:50am	BRT-11	Semester
ANTHR-006	0007	Cultural Anthropology	TH	4:00-6:50pm	BRT-8	Semester
ANTHR-007	0163	Culture Change and Globalization	M	7:00-9:50pm	BRT-14	Semester
ASTRO-010	3659	Introduction to Astronomy	TH	7:00-9:50pm	BRT-6	Semester
BIOSC-005	0786	Health Biology	T	11:00-1:20pm	BRT-16	Semester
			TH	11:00-12:20pm	BRT-16	Semester
			T	6:00-9:50pm	BRT-11	Semester
BIOSC-005	0275	Health Biology	TTH	4:30-6:50pm	BRT-6	Semester
BIOSC-010	1177	General Biology	TH	7-8:50pm	BRT-3	Semester
			T	7:00-9:50pm	BRT-9	Semester
BUS-035	8893	Microsoft Office	TH	1:00-3:50pm	BRT-3	Semester
BUS-086	0701	Medical Terminology	M	7:00-9:50pm	BRT-9	Semester
BUS-086	0313	Medical Terminology	T	4:00-6:50pm	BRT-8	Semester
CHDEV-001	0872	Introduction to the Study of Early Childhood Education	W	7:00-9:50pm	BRT-3	Semester
CHDEV-010	0434	Child Growth and Development	TH	7:00-9:50pm	BRT-8	Semester
CHDEV-020	1256	Child, Family and Community	M	7:00-9:50pm	BRT-4	Semester
CHDEV-062	1164	Curriculum Foundations for the Young Child	W	7:00-9:50pm	BRT-11	Semester
CHDEV-095	0761	Administration of Early Childhood Programs	TH	7:00-9:50pm	BRT-9	8/17-10/12
COMSC-030	1411	Web Site Development-Part I	TH	7:00-9:50pm	BRT-9	10/19-12/14
COMSC-031	0927	Web Site Development - Part II	M	7:00-9:50pm	BRT-10	Semester
COMSC-040	0929	Introduction to Computers	W	4:00-6:50pm	BRT-1	10/13-11/17
COUNS-033	0895	Transfer Planning	M	12:00-2:50pm	BRT-16	Semester
DRAMA-015	0002	Multicultural Perspectives within Theatre	TTH	11:00-12:20pm	BRT-2	Semester
DRAMA-016	0411	Theatre Appreciation: from Greek Myth through Shakespeare to Def Jam	S	9:00-11:50am	BRT-14	Semester
ECON-005	0110	Economic History of the United States	TTH	11:00-12:20pm	BRT-10	Semester
ECON-011	0201	Principles of Macroeconomics	TTH	9:30-12:20pm	BRT-8	Semester
ENGL-070	0067	Fundamentals of English: Reading, Writing and Thinking	MW	7:00-9:50pm	BRT-2	Semester
ENGL-070	1550	Fundamentals of English: Reading, Writing and Thinking	TTH	7:00-9:50pm	BRT-1	Semester
ENGL-070	1615	Fundamentals of English: Reading, Writing and Thinking	MWF	8:00-9:50am	BRT-2	Semester
ENGL-090	1458	Integrated Reading, Writing and Critical Thinking	TTH	8:00-10:50am	BRT-2	Semester
ENGL-090	0840	Integrated Reading, Writing and Critical Thinking	MWF	9:00-10:50am	BRT-10	Semester
ENGL-090	1915	Integrated Reading, Writing and Critical Thinking	TTH	9:30-12:20pm	BRT-14	Semester
ENGL-090	0070	Integrated Reading, Writing and Critical Thinking	TTH	1:00-3:50pm	BRT-2	Semester
ENGL-090	1467	Integrated Reading, Writing and Critical Thinking	TTH	7:00-9:50pm	BRT-2	Semester
ENGL-090	1675	Integrated Reading, Writing and Critical Thinking	TH	9:30-10:50am	BRT-4	Semester
ENGL-100	0057	College Composition	T	9:30-10:50am	BRT-4	Semester
ENGL-100	1002	College Composition	TH	7:00-9:50pm	BRT-5	Semester
ENGL-100	1434	College Composition	W	7:00-9:50pm	BRT-10	Semester
ENGL-100	1084	College Composition	T	4:00-6:50pm	BRT-2	Semester
ENGL-221	4549	Advanced Composition and Critical Thinking	T	6:00-9:50pm	BRT-3	Semester
ESL-011	1496	Vocabulary Development I	W	6:00-9:50pm	BRT-16	Semester
ESL-032	1631	Conversation/Pronunciation II	T	4:00-6:50pm	BRT-12	Semester
FIRE-101	0697	Fire Protection Organization	W	4:00-6:50pm	BRT-3	Semester
FIRE-101	1896	Fire Protection Organization	TTH	11:00-12:20pm	BRT-1	Semester
HIST-034	0202	Our Western Inheritance in Global Perspective: Ancient World History	T	4:00-6:50pm	BRT-4	Semester
HIST-034	0083	Our Western Inheritance in Global Perspective: Ancient World History	F	9:00-11:50am	BRT-4	Semester
HIST-035	0398	Western Inheritance in Global Perspective: Modern World History	TH	3:00-5:50pm	BRT-4	Semester
HIST-037	0214	U.S. History: Civil War to Present Era	W	7:00-9:50pm	BRT-4	Semester
HIST-037	0204	U.S. History: Civil War to Present Era	F	9:00-11:50am	BRT-11	Semester
HUMAN-020	0080	Medieval and Renaissance Humanities	T	7:00-9:50pm	BRT-14	Semester
JOURN-035	0817	Mass Communication	F	1:00-2:50pm	BRT-4	10/15-11/5
LRNSK-040	2989	Learning Skills Eligibility Assessment	MW	9:30-12:20pm	BRT-1	Semester
MATH-004	0128	Basic Math and Study Skills	MW	9:00-10:50am	BRT-12	Semester
MATH-012	0307	Prealgebra	TTH	9:00-10:50am	BRT-1	Semester
MATH-012	0139	Prealgebra	TTH	1:00-2:50pm	BRT-8	Semester
MATH-012	1784	Prealgebra	TTH	7:00-8:50pm	BRT-10	Semester
MATH-012	1785	Prealgebra	MW	9:30-11:50am	BRT-4	Semester
MATH-025	0266	Elementary Algebra	TTH	9:30-11:50am	BRT-11	Semester
MATH-025	0287	Elementary Algebra	MW	11:00-1:20pm	BRT-5	Semester
MATH-025	1647	Elementary Algebra	TTH	1:00-3:20pm	BRT-5	Semester
MATH-025	0262	Elementary Algebra	TTH	4:30-6:50pm	BRT-5	Semester
MATH-025	0254	Elementary Algebra				

Brentwood Center Courses: Fall Semester

MATH-025	0288	Elementary Algebra	MW	7:00-9:20pm	BRT-8	Semester
MATH-030	0240	Intermediate Algebra	MW	9:00-10:50am	BRT-6	Semester
MATH-030	7948	Intermediate Algebra	TTH	9:00-10:50am	BRT-5	Semester
MATH-030	2273	Intermediate Algebra	MW	11:00-12:50pm	BRT-6	Semester
MATH-030	7745	Intermediate Algebra	TTH	11:00-12:50pm	BRT-5	Semester
MATH-030	1906	Intermediate Algebra	MW	12:30-2:20pm	BRT-1	Semester
MATH-030	2287	Intermediate Algebra	MW	5:00-6:50pm	BRT-14	Semester
MATH-030	2288	Intermediate Algebra	TTH	7:00-8:50pm	BRT-7	Semester
MATH-034	0185	Introduction to Statistics	MW	9:00-10:50am	BRT-5	Semester
MATH-034	0297	Introduction to Statistics	TTH	9:00-10:50am	BRT-6	Semester
MATH-034	0296	Introduction to Statistics	MW	11:00-12:50pm	BRT-10	Semester
MATH-034	0236	Introduction to Statistics	TTH	11:00-12:50pm	BRT-6	Semester
MATH-034	1176	Introduction to Statistics	MW	1:00-2:50pm	BRT-6	Semester
MATH-034	0232	Introduction to Statistics	TTH	1:00-2:50pm	BRT-11	Semester
MATH-034	0295	Introduction to Statistics	MW	7:00-8:50pm	BRT-7	Semester
MATH-040	0316	Precalculus	TTH	11:00-12:50pm	BRT-4	Semester
MATH-050	0870	Calculus and Analytic Geometry	TTH	12:30-2:20pm	BRT-14	Semester
MATH-060	0871	Calculus and Analytic Geometry	TTH	12:30-2:20pm	BRT-1	Semester
NUTRI-055	1077	Introduction to Nutrition	F	9:00-11:50am	BRT-3	Semester
PHIL-002	0119	Contemporary Ethical Issues	M	7:00-9:50pm	BRT-11	Semester
PHIL-040	0543	Introduction to Philosophy	MWF	9:00-9:50am	BRT-8	Semester
PHIL-041	0574	Critical Thinking	T	7:00-9:50pm	BRT-6	Semester
PHYSC-005	0093	General Physical Science	T	3:00-6:50pm	BRT-10	Semester
POLSC-010	0983	Introduction to American Government: Institutions and Ideals	S	9:00-11:50am	BRT-12	Semester
POLSC-010	0221	Introduction to American Government: Institutions and Ideals	T	7:00-9:50pm	BRT-12	Semester
PSYCH-010	1770	Individual and Social Processes	TTH	8:00-9:20am	BRT-12	Semester
PSYCH-010	1768	Individual and Social Processes	S	9:00-11:50am	BRT-6	Semester
PSYCH-010	0889	Individual and Social Processes	M	7:00-9:50pm	BRT-6	Semester
PSYCH-010	0011	Individual and Social Processes	W	7:00-9:50pm	BRT-12	Semester
PSYCH-011	0554	General Psychology	MW	11:00-12:20pm	BRT-8	Semester
PSYCH-011	0585	General Psychology	MW	12:30-1:50pm	BRT-8	Semester
PSYCH-011	0967	General Psychology	TH	7:00-9:50pm	BRT-12	Semester
PSYCH-012	1086	Family Crisis and Growth	TTH	9:30-10:50am	BRT-3	Semester
PSYCH-014	0235	Psychology of Human Sexuality	F	9:00-11:50am	BRT-12	Semester
SIGN-065	0104	American Sign Language I	T	7:00-9:50pm	BRT-8	Semester
SIGN-066	0229	American Sign Language II	TH	7:00-9:50pm	BRT-11	Semester
SOCIO-015	0551	Introduction to Sociology	W	4:00-6:50pm	BRT-5	Semester
SOCIO-016	0557	Introduction to Social Problems	T	4:00-6:50pm	BRT-1	Semester
SPAN-040	0640	Spanish for Health Services I	W	7:00-9:50pm	BRT-1	10/6-11/10
SPAN-050	0352	Elementary Spanish I	TTH	10:00-12:20pm	BRT-12	Semester
SPAN-050	3908	Elementary Spanish I	M	7:00-9:50pm	BRT-3	Semester
SPAN-050	5646	Elementary Spanish I	TTH	7:00-9:20pm	BRT-16	Semester
SPCH-040	0736	Oral Communication	F	8:30-12:20pm	BRT-6	Semester
SPCH-040	0330	Oral Communication	TH	12:00-3:50pm	BRT-7	Semester
SPCH-040	4844	Oral Communication	W	6:00-9:50pm	BRT-6	Semester

Matriculation Regulations

Student Responsibilities

under Title 5 Matriculation Regulations

Students participating in the matriculation process at Los Medanos College are expected to fulfill the following responsibilities, as part of the State of California Title 5 Matriculation Regulations, section 55530 (d).

- 1. Educational goal.** All students must state a broad educational goal upon admission to the college, and a specific educational goal no later than upon completion of 12 units of course work.
- 2. Educational plan.** All new students are expected to complete a first-semester individual educational plan with the assistance of a counselor prior to registering for classes. This is done in “New Student Workshops.”
- 3. Counseling.** All students are expected to schedule an appointment with a counselor at least once each semester or as needed, to review, update and expand the educational plan.

The following students are strongly encouraged to participate in counseling prior to enrollment for the next semester:
 - a. Those on academic or progress dismissal.
 - b. Those enrolled in developmental courses, such as English 70, Math 1 or Math
- 4. Attendance/completion of classes.** All students are expected to attend their classes regularly, complete assigned coursework on time, and complete their courses each semester. Students are expected to maintain regular progress towards their educational goal.

Failure of a student to fulfill the responsibilities listed above may result in the suspension or termination of college services as listed in section 55520 of the Matriculation Regulations, except for services required under other provisions of law.

Student Rights

under Title 5 Matriculation Regulations

Los Medanos College students are guaranteed the following rights under the State of California Title 5 Matriculation Regulations (California Code Regulations, Sections 55520-55534.)

- 1. Assessment:** Students are allowed to submit scores from assessment tests taken at another college within the last two years in lieu of taking the assessments at LMC, if the assessment instrument is state-approved and correlation with LMC courses can be established. These scores should be submitted to the Assessment Center, Room 121 or the Information Center. (Section 55530 (c).)
- 2. Prerequisites:** Prerequisite challenges will be considered up to one week after the beginning of instruction in semester length courses; or the last day to add a short-term class. A student may challenge a course prerequisite on the following grounds:
 - a. The prerequisite course is not available. (Section 55534 (a).)
 - b. The prerequisite course is discriminatory or is being applied in a discriminatory manner. (Section 55534 (b), section 58106 (d).)
 - c. The prerequisite is not valid because it is not necessary to success in the course for which it is required. (Section 58106 (d).)
 - d. The student has the knowledge or ability to succeed in the course without taking the prerequisite. (Section 58106 (d).)
 - e. The basis upon which the college has established an enrollment limit does not, in fact exist.
- 3. Complaints:** A student may file a complaint if he/she believes LMC has failed to make a good faith effort to develop an educational plan or provide specified services once the student has declared a specific educational goal. (Section 55525 (d).)

Waivers, Appeals & Complaints

Students who wish to request waivers, or file appeals or complaints on the basis of their Title 5 Matriculation Rights must follow the sequence of steps outlined, below:

(Students filing other types of complaints or alleging discriminatory practices should follow the procedures listed in the college catalog under “Student Rights and Responsibilities—Grievance Process” or “Admission and Course Enrollment—Equal Opportunity Policy.”)

A. Initial Review of Waiver Appeal or Complaint

- 1) The student should contact the Dean of Student Development and complete an “Appeal or Request for Waiver” form or file a complaint regarding matriculation rights. The completed form should be turned in to the Dean of Student Development, or to campus mailbox 34.
- 2) The Dean of Student Development will contact the student and schedule a meeting to discuss the problem and/or inform the student of the decision.
3. In the event that the appeal or request for waiver is not granted, the student will be advised of his/her rights to further appeal and the correct procedures to follow.

B. Appeal to the Senior Dean

1. If the initial appeal or request for waiver is not granted and the student does not accept this decision, the student may next submit the initial form to the Senior Dean of the appropriate area for further review.
2. The Senior Dean will review the appeal or request for waiver and will meet with the student and/or inform the student of his or her decision concerning the matter.
3. In the event the appeal or request for waiver is not granted by the Senior Dean, the student will be advised of his/her further right to further appeal and the correct procedures to follow.

C. Appeal to the President

1. If the student does not accept the dean’s decision, the student may then submit the appeal or request for waiver to the college president.
2. The President will review the appeal and will meet with the student and/or inform the student of the final decision concerning the appeal or request for waiver.

Academic Scholarship Standards

Attendance

Students are expected to be punctual and attend all courses in which they are enrolled. Students may be dropped by the instructor for failure to attend class in the following circumstances:

1. Failure to attend first class meeting.
2. Absence from three consecutive weeks of instruction.
3. At any point when it is concluded that absences have irretrievably affected the student's progress in his/her coursework.

Grades should not be used as punishment for absences. However, academic grades may be lowered to the degree that instructors can estimate the loss of cognitive, affective, or skills learning due to student absences.

Grading

The evaluation in college-level courses is a prime responsibility of the instructor. Such evaluation involves the measurements of achievement against the objectives of the course and the assignment of a letter grade to denote the student's degree of success.

The grade, as submitted by the instructor, shall be considered final and permanent. Grades cannot be changed by submitting additional course work or taking examinations after the semester (or term) is completed. Under state law, the instructor's determination is final unless the grade given was the result of 1) mistake, 2) fraud, 3) bad faith, or 4) incompetency. (Ed. Code Section 76224.)

No grade may be challenged more than one year after the end of the session in which the grade was assigned. For information on the policy regarding grade challenges, contact the Student Affairs Center, Room 800A, ext.3266.

Final Grades

Final grades can be accessed at the end of instruction, immediately following instructor grade entry on-line.

Students can learn about their final

grades by: 1) calling the touch tone phone registration system at **925-370-9000** OR 2) going into WebAdvisor via the LMC web site at **www.losmedanos.edu**.

Evaluative Symbols Grading Scale

Symbol & Definition	Grade Points
A Excellent	4
B Good	3
C Satisfactory	2
D Passing, less than satisfactory.	1
F Failing.	0
P Pass (at least satisfactory—C or better — units awarded not counted in GPA)	
NP No Pass (less than satisfactory or failing —units not counted in GPA)	
W Indicates withdrawal from a course within the allowed time	
I Incomplete—Academic work that is incomplete for unforeseeable emergency and justifiable reasons at the end of a term; student must be passing course to be eligible for incomplete. Student will not re-enroll in the course to complete pending assignments, projects or exams. A final grade is assigned when the work has been completed or after one year, unless a petition for time extension has been approved by the Director of Admissions and Records and the instructor.	

Pass/No Pass Grade Option:

The purpose of the Pass/No Pass (P/NP) option is to allow students to take challenging courses while avoiding undue concern for their grade point averages. Students who select this option are, however, expected to complete the course, comply with attendance requirements, and comply with all other requirements of the course.

Selected courses have been labeled with "SC" to indicate student choice for the P/NP option. If students do not choose the P/NP option before the deadline, they will be issued a letter grade for the course. It is often best to discuss this choice with a counselor.

In order to exercise this option, a petition must be filed with the Admissions and Records Office at the time of registration or no later than the deadline listed for a full-semester class. Petitions for summer session and short-term courses must be filed within the first thirty percent of the course. **After the deadline has passed, the grading choice may not be reversed.**

Important information related to the P/NP option:

- A P grade represents a letter grade of A, B, or C
- A NP grade represents a letter grade of D or F
- Units earned on a P/NP basis will not be used to calculate grade point averages
- Units attempted for which NP is recorded will be considered in factoring probation and dismissal status
- Units earned on a P/NP basis will apply to the 60 units required for an associate degree
- Students should be aware that other colleges and universities may or may not limit the number of P units that will be accepted from transfer students.

Probation & Dismissal

Probation and dismissal status is based on coursework that is attempted and completed within the Contra Costa Community College District. Students should be aware that their academic standing is not based solely on LMC units.

Academic Probation: Cumulative GPA under 2.0 with 12 or more cumulative units attempted.

Removal from Academic Probation: Cumulative GPA 2.0 or better.

Academic Dismissal Status: Three consecutive semesters of Academic Probation unless most recent semester GPA is 2.0 or higher.

Progress Probation: With 12 or more cumulative units completed, 50 percent or more are W, I, and/or NP.

Removal from Progress Probation: Cumulative units completed are more than 50 percent of cumulative units attempted.

Progress Dismissal Status: Three consecutive semesters of Progress Probation unless most recent semester student completes 50 percent or more of attempted units.

Notification of Probation and Dismissal

Students on probation or dismissal are notified as soon as possible but not later than the end of the following term.

If you are on academic or progress dismissal, you must see a counselor prior to registering.

Reinstatement for Academic or Progress Dismissal

A student may appeal his/her dismissal status by making an appointment to see a counselor prior to the deadline date that is stated in the letter of notification. The Dean of Student Services will review all appeals for possible reinstatement. If reinstated, a student is subject to continued probation and dismissal policies.

Course Repetition

Courses are not repeatable unless noted within the course descriptions listed in the catalog. Students may repeat a non-repeatable course only to alleviate a substandard grade of D, F or NC/NP. If a student has three substandard grades in the same course, he/she may not repeat the course unless there has been extenuating circumstances (petition required).

When a course is repeated to alleviate a substandard grade, only the last grade and its units will be used in computing the student's grade point average. The substandard grade will remain on the student's transcript with a notation that the course has been repeated.

Courses that are repeatable are noted in the college catalog with the number of repeats allowed. Students may not repeat a course beyond the maximum repeats, even to alleviate substandard grades.

Course repetition cannot be used to make up an incomplete (I) grade.

Withdrawals

- A student may not receive more than four W's from the same credit course
- A W shall not be assigned if the student withdraws due to the impact of fire, flood or other extraordinary conditions

- In the case of discriminatory treatment or retaliation for discriminatory treatment a 'W' shall not be assigned

Repeat of Biology Courses

Students who have received two substandard grades or W's or any combination in the same Biology 40, 45 or 50 course will be blocked from the future enrollment in that course. Students may appeal the policy using the *Petition for Course Repetition* form.

Academic Renewal Policy

Based on the Academic Renewal Policy, substandard grades may be disregarded if they are not reflective of a student's demonstrated academic ability. If Academic Renewal is approved, the student's permanent record will be notated with appropriate comments and the substandard (D, F, NC/NP) unit values will not be computed in the cumulative grade point average. The "renewed" courses and the related grades will not be removed from the record, as the district is required to show a complete and accurate academic record for every student (Title 5, Section 55046).

Students **MUST** meet with a counselor to review options for Academic Renewal, as this procedure is irreversible.

1. The student may only utilize Academic Renewal one time in the district.
2. Only substandard grades may be "renewed".
3. Immediately following the course work with substandard grades, the student must have completed at least 20 units* with 'C' grades or better from LMC or any other accredited college or university. (*The unit count begins the semester after the substandard grade is received.)
4. Academic renewal may be applied for up to 24 units. District courses can be combined up to the maximum of 24 units however, each college must adjust the academic record for courses completed through that location. An Academic Renewal request form should be submitted for each college.
5. Courses/related grades that have already been removed from the cumulative grade point average based on course repetition will not be "renewed."
6. There is no time limit for academic renewal.

Student Conduct and Discipline

Student conduct is governed by rules designed to preserve both individual and community freedoms. The individual student, in order to learn and grow, must enjoy freedom of expression and action. The academic community, if it is to properly serve the student, must enjoy freedom from disruption. Students enrolling in the College assume an obligation to conduct themselves in a manner compatible with the College's function as an educational institution.

The following acts constitute misconduct for which College students are subject to discipline and suspension. Such misconduct, whether committed while on campus or off campus, at functions supervised or sponsored by the College, is subject to disciplinary sanctions (Ed. Code 76032 and 76033) administered by the College.

1. Continued disruptive behavior, continued willful disobedience, habitual profanity, or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of, college personnel.
2. Assault, battery, or any threat of force or violence upon a student or college personnel.
3. Willful misconduct which results in injury or death to a student or college personnel or which results in cutting, defacing, or other injury to any real or personal property owned by the District.
4. The use, sale, or possession on campus of, or presence on campus under the influence of, narcotics, other hallucinogenic drugs or substances, or any poison classified as such by Schedule D in Section 4160 of the Business and Professions Code.
5. Willful or persistent smoking in any area where smoking has been prohibited by law or by regulation of the Governing Board.
6. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct.
7. Dishonesty, such as cheating, plagiarism, or knowingly furnishing false information to the College.
8. Forgery, alteration, or misuse of College documents, records, or identification.
9. Theft or damage to property of the College, of members of the college community or of college visitors.

10. Unauthorized entry to or use of college facilities.
11. Violation of College policies or regulations, including regulations concerning the formation and registration of student organizations, the use of college facilities, or the time, place and manner of public expression.
12. Gambling on College property.
13. Conduct off campus inimical to the welfare and well-being of the College community.

For a complete copy of the Student Code of Conduct, which includes additional information, call 925-439-2181, ext. 3364, or visit the college website at: www.losmedanos.edu/navservices.asp

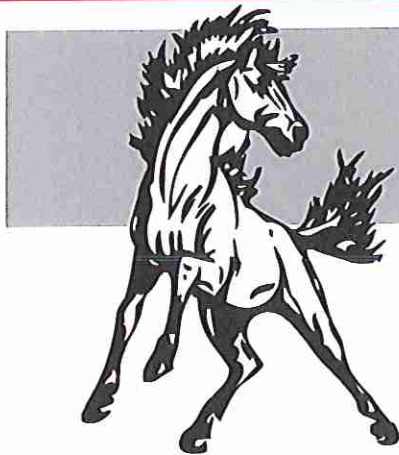
Student Right-To-Know Reports

In compliance with the Student Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of

the Contra Costa Community College District and Los Medanos College to make the following information available:

- The completion or graduation rates of certificate or degree-seeking, first-time, full-time students beginning Fall 2005 and annually thereafter. Based on a cohort of first-time, full-time freshman with a declared program of study, 15.6% attained a certificate or degree or became 'transfer prepared' during a three year period, from Fall 2005 to Summer 2008. Based on the cohort of first-time freshmen with a declared program of study, 15.3% transferred to another public institution in California (UC, CSU, or other California Community College) prior to attaining a degree or certificate during a three year period, from Fall 2005 to Summer 2008.
- Annual reports of criminal activity on campus and procedures for prevention

of campus crime, as required by the Crime Awareness and Campus Security Act of 1991. This information is available, on request, from the campus Police Services Office or the LMC website under campus Police.



LMC Bookstore

(925) 439-2056

Best prices, quality service

Rent your textbooks!
Starting 2011

For all your campus needs:

- New and Used Textbooks • College Catalog & Schedule
- Software, Calculators, Tape Recorders, Electronics & Batteries
- Scantrons, Gifts, Cards, Snacks, School Supplies and LMC Clothing
- Special Orders

Bookshop profits support students!

Regular Store Hours:

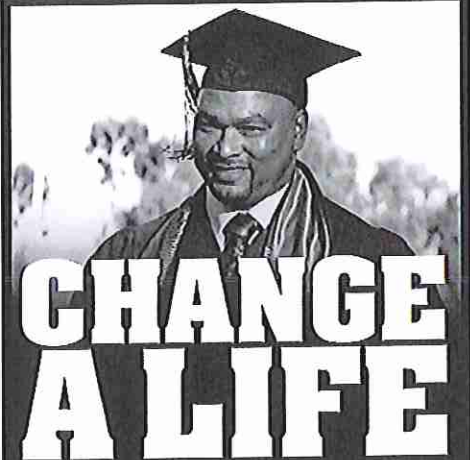
Monday - Thursday 7:45am - 7:00pm
Friday 7:45am - 3:00pm

Summer Hours:

Monday - Thursday 7:45am - 5:00pm
Closed Fridays

Order your textbooks online at www.lmcbookstore.net

We welcome Visa, MasterCard and Discover for your purchases.
Checks not accepted.



You can build a future and change a life by supporting the Los Medanos College Foundation

Each year, the Los Medanos College Foundation awards more than \$150,000 in scholarships to deserving LMC students.

To donate, please contact us at
(925) 439-2181 ext. 3215

The LMC Foundation is a 501(c)(3) charitable foundation. Gifts to the foundation are tax deductible to the extent provided by law.

**LOS MEDANOS
COLLEGE**

Foundation

*Building Futures, Changing Lives
Construyendo Futuros, Cambiando Vidas*

STUDENT SERVICES

Admissions & Records

The Admissions and Records Office provides service to students regarding admission, registration, records, evaluation of degree and certificate requirements, course adds and drops, and graduation. This office also provides assistance to veterans and international students. The Admissions and Records Office is located at CC3-401 on Level 3. Visit www.losmedanos.edu/admissions or call 925-439-2181 x7500. Check website for current hours.

Assessment Center

The Assessment Center offers an English and math assessment process, required for all students who plan to earn an associate degree, to transfer to a 4-year college, or to enroll in certain English and math courses. The assessment process is taken on a computer and is available on an individual drop-in basis during scheduled testing hours. The Assessment Center also offers ability to benefit exams for non-high school graduates applying for federal financial aid. Tests may be taken in an alternate format, if needed, to accommodate the disabled. Contact the Assessment Center or a DSPS counselor for arrangements. The Assessment Center is located in CC3-524 on Level 3. For more information, call 925-439-2181, ext. 3252 or visit www.losmedanos.edu/assessment. Check the website for current hours.

Bookstore

The LMC Bookstore offers textbooks, school supplies, and other learning materials at competitive prices. NEW: Rental textbooks are now available! To purchase or rent your textbooks, check your course print-out against the book list posted at the bookstore or check our website at www.lmcbookstore.net for books required

by your instructor. During the first two weeks of the semester, the bookstore will give textbook refunds due to schedule changes provided that the original cash register receipt is presented with textbooks. Textbooks and course materials must be in new condition, wrapped and complete with all components. The bookstore accepts cash, money orders, Visa, MasterCard and Discover for your purchases. Checks are not accepted. The bookstore is located next to the LMC Cafeteria. Visit www.lmcbookstore.net/ to order books online and to check for current store hours.

Career Center

The LMC Career Center provides students and alumni with current information, career assessment and counseling services designed to assist in exploring career potential and possibilities. Services include: career/job search web access, career assessment, career exploration, resume development services, labor market information, vocational program information, workshops, and roundtable discussions. The Career Center is located at CC3-524 on Level 3. Visit www.losmedanos.edu/careercenter or call ext. 3252.

Child Care

Low cost child care services are provided (on a space-available basis) for LMC student-parents. Child care services for infants, toddlers, pre-school and pre-kindergarten children (0 months to first grade entry) are available. Monthly fees for child care are based on family income and the number of days and hours enrolled in the program. Fees range from \$85.00 to \$720.00 per month. A non-refundable fee is also charged for registration.

The Child Study Center is located next to the main campus entrance. Waiting lists open November 1st for the Spring semester

and April 1st for the Fall and Summer semesters (or first business day after the first). For more information, visit www.losmedanos.edu/childcare or call ext. 3198.

Counseling

The LMC Counseling Department is committed to providing the highest quality counseling services to every student in need of information, guidance, and support. With this in mind, counseling faculty can assist students in both academic and career planning, as well as personal issues that might interfere with attendance, study or concentration. The department highly recommends that all students complete an Educational Plan during a counseling appointment and have that plan updated every semester. An Educational Plan is a key document that lists courses each semester until a student reaches his/her goal: a certificate, AA/AS Degree or transfer to a 4-year college. If you are interested in transferring, please ask us about the many Transfer Admissions Guarantees (TAGs) we offer.

Meeting with a counselor on a regular basis is essential to success at LMC, and counselors take their role very seriously. We are here to help students succeed. The Counseling Department also provides courses, taught by counselors that can help students in many ways. Include these courses in your success plan!

To make an appointment, call 925-439-2181 ext. 3334. The Counseling reception area is located on Level 3, Room 414, across from the Information Center. For more information, visit www.losmedanos.edu/counseling.

Computer Lab

The student computer labs in the library and CO 200 are open to all Los Medanos students to complete any of their school projects.

For more information:

Computer Lab (CO 200),
www.losmedanos.edu/computerscience/lab
Check website for current hours.

Library,
www.losmedanos.edu/library
Check website for current hours.

Disabled Students Programs and Services

DSP&S Office is committed to providing opportunities for students with disabilities to fully participate in all college programs. A variety of services/accommodations are available to students with identified disabilities. Services include: specialized instruction, adaptive equipment, sign language interpreters, note taking, textbooks on tape, testing accommodations, Braille materials, campus liaison, readers, writers, scribes, test-taking, academic counseling and planning, priority registration, specialized tutoring, enlarged print material, hearing amplification, and assessment for learning disabilities. To arrange for an appointment with a DSP&S counselor, contact the DSP&S administrative assistant, ext. 3133.

For more information, contact the DSP&S Office, 925-439-2181, ext. 3133, located by the Counseling Center, CC3-420, TDD 925-439-5709, or visit www.losmedanos.edu/dsps. Check website for current hours.

Employment Center

The LMC Employment Center serves as the employment development link between students and alumni to employers. The Employment Center's main goal is to help students successfully transition from school into positions that are both career enhancing and personally rewarding. Services include job placement (both on and off campus) job fairs, employability workshops, cooperative education/work experience and internship services.

For further information, call ext. 3330/3331, or visit www.losmedanos.edu/employment. Check website for current hours.

E.O.P.S. & C.A.R.E.

Extended Opportunity Programs and Services

The Extended Opportunity Programs and Services (EOPS) is a state-funded program which provides a variety of academic, financial and social support services to assist students in completing their educational goal. Services provided to EOPS students include: grants, book voucher, counseling, child care assistance, and priority registration.

CARE

A component of the EOPS program, Cooperative Agencies and Resources for Education (CARE) assist students who are TANF/CalWORKs (Temporary Assistance to Needy Families/California Work Opportunities and Responsibility to Kids), single head of household, with children under 14 years of age. CARE can assist students in completing college-level educational and training programs, and in becoming more employable and economically self-sufficient. Eligible students may receive Café Tix, auto maintenance, child-care, transportation and financial assistance through an educational grant. Specialized workshops, seminars and courses are offered to CARE students to ensure college success.

For more information on EOP&S or CARE, visit Room CC3 435, call 925-439-2181 ext. 3138, or visit www.losmedanos.edu/eops. Check website for current hours.

CalWORKs

The LMC CalWORKs program is a state-funded program assisting TANF/CalWORKs recipient students, and those in transition off of welfare, to achieve long-term self-sufficiency through coordinated student services. CalWORKs offers support services including: work study, job placement, child care, book voucher, counseling, and developmental workshops. For more information visit CC3-435 or call 925-439-2181 ext. 3154.

Financial Aid

LMC has a comprehensive financial aid program, including grants, and on-campus part-time employment opportunities. The Office of Financial Aid is located in Room CC3 431.

For further information, call ext. 3139 or visit www.losmedanos.edu/financialaid. Check website for current hours.

Puente Project

The Puente Project is a nationally-recognized program that serves to increase the number of educationally under-served students who transfer to and complete university degrees. Puente students are specially trained to become dynamic and impassioned leaders who return to the community and affect positive change in the lives of our youth. As such, Puente provides three areas of service to students: English, Counseling and Mentoring. Puente students always enjoy a supportive and invigorating environment where their consciousness is continually expanded through the exploration of Latino history and literature. Simply put, we are in the business of training scholars with vision! If this sounds like something you're interested in, we'd like to hear from you!

For more information, visit www.losmedanos.edu/puente, or contact Marco Godinez at mgodinez@losmedanos.edu.

Scholarship Program

Applying for scholarships is easier than you think! Find out about the latest scholarship opportunities at www.losmedanos.edu/scholarships/. You may also email the Scholarship Program Office (cacevedo@losmedanos.edu) or call ext. 3130, or stop by Room 440.

Student Life

LMC offers a range of extracurricular activities for students. The activities help students make friendships, connect with faculty and staff outside of the classroom, and build their leadership skills in clubs and organizations. Office of Student Life provides leadership opportunities that support students in becoming agents of positive social change. Student Life is comprised of a variety of programs and services

including Student Government (LMCAS), Student Ambassadors, Student Clubs and Organizations, and Leadership Programs. For more information about any of these programs, contact 925-439-2181 ext. 3266, visit CC-800A (next to the Cafeteria) or visit www.losmedanos.edu/studentlife.

Associated Students (LMCAS)

The LMC Associated Students (LMCAS) is the college's official student government. Their primary purpose is to advance the welfare of all students. They do this by providing programs and services designed to meet the varied needs of students, sponsoring activities and events, and representing the student body on many college and district committees.

LMCAS meets weekly on Fridays in the Library Community room-L109. Learn more at www.losmedanos.edu/lmcas.

Student Ambassadors

Student Ambassadors are a select group of student leaders who represent the diverse population of Los Medanos College. These students assist with the outreach, recruitment and retention of LMC students by hosting college events, providing information and directions during the beginning of each semester, leading campus tours and holding information sessions for students throughout the year. Find out more at www.losmedanos.edu/studentlife/ambassadors.asp.

Student Clubs & Organizations

Students are encouraged to organize and participate in clubs that reflect their interests. Each club is registered with the Office of Student Life and has a faculty/staff advisor who helps organize meetings and plan activities. The Office of Student Life provides support and advising to all LMC clubs. In addition, the office advises and coordinates the Inter-Club Council (ICC) and holds orientations and retreats

for club leaders. Contact the Office of Student Life to join a club or start one of your own! Find out more at www.losmedanos.edu/studentservices/clubs.

Leadership Programs

The Office of Student Life provides a variety of leadership development programs and opportunities to support the many student leaders engaged throughout the fabric of LMC. These programs include orientations, workshops, courses, campus retreats, trips to regional conferences, film discussion series and more. All LMC students are encouraged to participate in the many opportunities provided by the office. To find out what's currently going on or to sign up for programs, stop by the office in Room 800A or visit www.losmedanos.edu/studentlife.

Center for Academic Support

The Center for Academic Support is committed to providing quality reading and writing support to all LMC students across the curriculum. The center offers students individualized consultations for any reading and writing concerns they encounter as they pursue their educational goals in any class. It is located in CO-300. To schedule an appointment, call 925-439-2181 ext 3176. For more information, visit www.losmedanos.edu/cas.

Transfer Center

The LMC Transfer Center offers assistance to students who plan to transfer to a state college, university, or private four-year institution. Support services are available to help students explore transfer opportunities and to assist students with the transfer process. Guaranteed transfer agreements are available. For more information, visit the Transfer Center in CC3-434, call 925-439-2181 ext. 3124 or visit www.losmedanos.edu/transfer.

Peer Tutoring

LMC offers free peer tutoring in many subjects from 9 am to 8 pm Mondays through Thursdays, and 8 am to 3 pm on Fridays. Tutoring is FREE for all LMC students! Located at CO-300. Walk in or make an appointment. Simply call the Center for Academic Support for more information at ext. 3176. Visit www.losmedanos.edu/cas for current hours.

Work Experience Education (Co-op)

The Cooperative Work Experience Program at LMC grants college credit for what you learn and accomplish on the job. There are two types of enrollees: CO-OP 170 (Occupational Work Experience) requires that the employment relate to the student's major or current course work. CO-OP 160 (General Work Experience) does not require that it relate to the major. Students enrolled in CO-OP 160 may qualify for up to 6 units per semester (16 units total), compared to the 8 units per semester (16 units total) for the CO-OP 170 participant. CO-OP 170A (Occupational Internship) may qualify for 8 units per semester (16 units total).


Students who want to participate in the Work Experience (CO-OP) Program should contact the LMC Employment Center Room 435, or call ext. 3330/3331. For more information including hours, visit www.losmedanos.edu/cooped.

Enrollment and Degree Verifications

Enrollment and Degree Verifications can now be done online through the National Student Clearinghouse. To obtain a free copy of your official verification of enrollment (24 hours a day, 7 days a week), go to (www.losmedanos.edu). Log onto WebAdvisor and click on "Enrollment Verification" where you can obtain this free service.

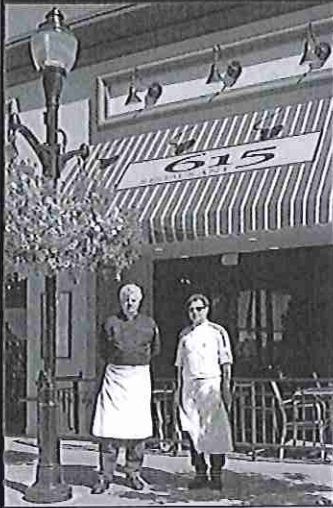
If an organization needs to verify your enrollment or degree and will not accept your printed copy, refer them to: National Student Clearinghouse, 13353 Sunrise Valley Drive, Suite 300, Herndon, VA 20171, Web: (www.studentclearinghouse.org), E-mail: service@studentclearinghouse.org, Phone: 703-742-4200, Fax: 703-742-4239.

Your enrollment information is sent to the Clearinghouse three times each semester. If you do not have access to Web Advisor, you may request a copy from the Admissions and Records Office. Requests will be processed within 3-7 business days.



CONTRA COSTA COLLEGE
a premier community college right in your backyard

CULINARY PROGRAM & RESTAURANT 615



NOW IN PITTSBURG!

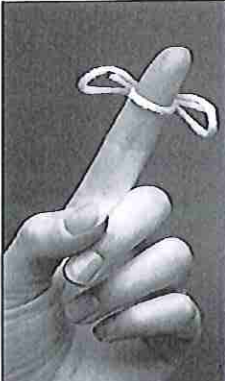
Residents of East County and beyond can register for classes and participate in this learning experience. Classes are offered in *downtown Pittsburg at 615 Railroad Avenue*. Contra Costa College brings excellence in culinary cuisine to East County! All are welcomed to enroll.

A SAMPLING OF THE CULINARY CLASSES

- CULIN-099
Occupational Work Experience
- CULIN-120
Introduction to Fundamentals in Food Service (LR)
- CULIN-127
Becoming ServSafe Certified (LR)
- CULIN-251
Restaurant Management (SC)

Visit the website at
WWW.CONTRACOSTA.EDU
Call Us Today!
510.235.7800 EXT.4212

DOWNTOWN PITTSBURG AT 615 RAILROAD AVENUE
PH: 925.252.1900




Remember!

If you enroll in a class and decide not to attend, you **MUST** officially drop the class. Otherwise, you are responsible for payment.

It's **NOT** an automatic process!

Use this **QR code** to access the class schedule link using your *smart phone*.



Study Abroad

2 0 1 1

Contra Costa Community College District invites you to participate in our study abroad programs. Courses are taught by our own Community College Professors and may be UC and CSU transferable. Students can enjoy and learn from their valuable experiences in a foreign country, while accumulating course credits from their host college. Financial aid is available to students that qualify. Below is a list of future offerings:

Florence, Italy

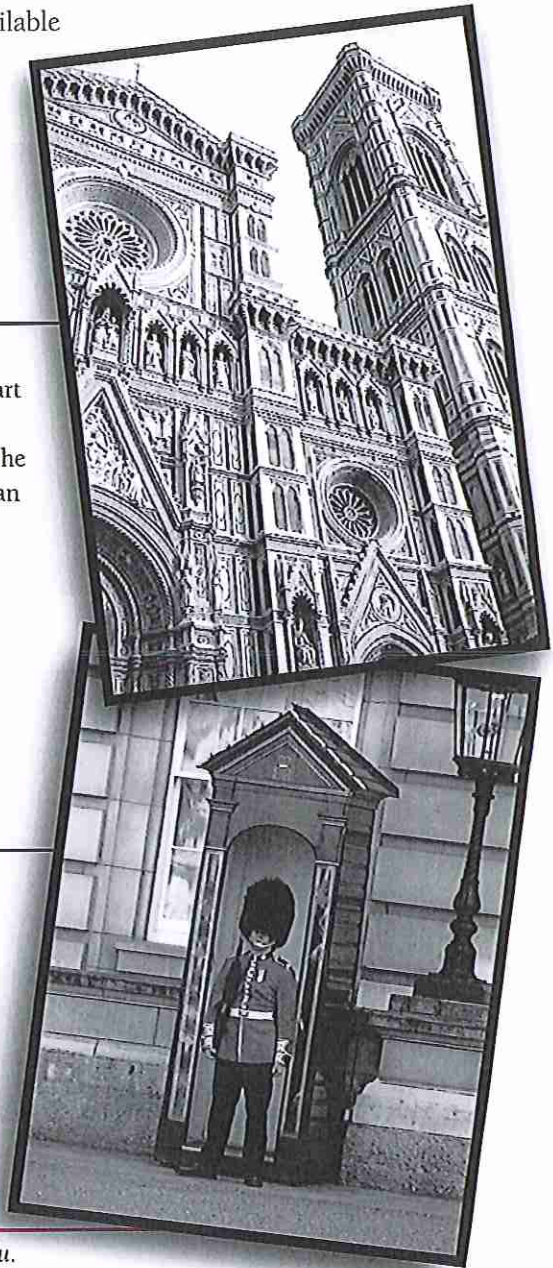
Spring Semester 2011

People from all over the world visit Florence's museums and churches, but the city is more than just a constant reminder of art history. It is a busy city throbbing with Italian vitality, a city for young people with cafes, shops and cinemas. Whether reliving the renaissance, indulging in opera or feeling the passion of an Italian soccer match, Florence is an experience worthy of discovery.

London, England

Spring Semester 2011

London is an exciting city in which to live and study. Still one of the world's most beautiful capitals, it is rich in art, music, theater and literary history. It is the seat of the British government and the world's longest surviving monarchy.



Study Abroad Office

(925) 685-1230 ext. 2735/2563, or email studyabroad@dvc.edu.

DAILY CLASS CANCELLATION NOTIFICATION

In an effort to assist our students we will be posting daily class cancellation notices. We will provide class cancellations as they are submitted by the instructors so **you may need to check this site frequently.**

Bookmark the webpage link for easy access:
www.losmedanos.edu/classcancel

While we will make every effort to keep this information up-to-date please understand that **not all absences are reported in a timely manner** so some notices will be posted close to or occasionally after a class start time. *We will continue to post class cancellation notices on the classroom door(s).*



Use this QR code to access the class cancellation link using your smart phone.

Los Medanos College Campus Policies

Non-Discrimination Policy

Los Medanos College complies with all Federal and state rules and regulations and does not discriminate on the basis of race, color, national origin, gender or disability. This holds true for all students who are interested in participating in educational programs and/or extracurricular school activities. Harassment of any employee/student with regard to race, color, national origin, gender or disability is strictly prohibited. The lack of English language skills will not be a barrier to admission and participation in the college's education programs. Inquiries regarding compliance and/or grievance procedures may be directed to the Los Medanos College Title IX Officer and/or the Section 504/ADA Coordinator.

Inquiries/Complaint Procedures

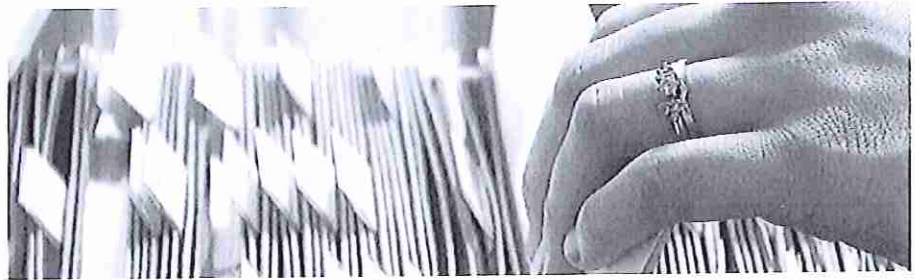
Informal Procedures

Students who have questions about the procedures to file a complaint of unlawful discrimination or feel that have been discriminated against, may contact the local Title IX coordinator, the Senior Dean of Student Services, by calling 925-439-2181, ext. 3372. The Senior Dean will work with the student-complainant, respondent, and other appropriate college personnel to attempt an informal resolution. The President, or designee, will monitor the informal complainant process and any proposed resolution. The process will be completed within 30 calendar days of receiving the complaint. A record of the complaint and resolution will be kept.

Formal Procedures

If the complaint cannot be resolved informally, the Senior Dean shall advise the student regarding his/her right to file a formal unlawful discrimination complaint. The Senior Dean will provide students with the District complaint form and forward the completed form to the District Vice Chancellor Human Resources.

Upon receipt of a formal complaint, the District will immediately notify the State Chancellor's Office. Within 10 calendar days of receipt, the District shall commence an investigation of the complaint and notify the complainant.



The District has 90 calendar days in which to investigate the complaint and report the administrative findings to the complainant and the State Chancellor's Office. The complainant may appeal the administrative determination to the District Governing Board within 15 calendar days of notice of such determination. The District Governing Board has 45 calendar days in which to act on the appeal. Failure of the Board to act within the 45 days denotes approval of the administrative determination. The complainant has the right to file a written appeal with the State Chancellor's Office within 30 calendar days after the Governing Board issues the final District decision or permits the administrative decision to become final pursuant to the above. The Chancellor has discretion to accept or reject any such petition for review in employment discrimination cases.

Students may also contact the Office for Civil Rights at the following address: Office for Civil Rights, San Francisco Office U.S. Department of Education Old Federal Building 50 United Nations Plaza, Room 239 San Francisco, CA 94102-4102 Telephone: 415-556-4275; Fax: 415-437-7783 TDD: 415-437-7786; Email: OCR.SanFrancisco@ed.gov

Inquiries/Complaints on Basis of Disability

Inquiries regarding access, treatment, or employment on the basis of disability, should be directed to the Senior Dean of Student Services/ADA Coordinator, Los Medanos College, 2700 East Leland Rd., Pittsburg, CA 94565, 925-439-2181, ext. 3372, or TDD 925-439-5709.

Reglamento de no Discriminación

El Distrito de Colegios Comunitarios del Condado de Contra Costa y el Los Medanos College están comprometidos a ofrecer igualdad de oportunidad en sus programas educacionales y vida estudiantil. El colegio no discrimina ni apoya la discriminación por cuestiones de origen étnico, edad, sexo, discapacidad física o mental, color, nacionalidad de origen, religión, orientación sexual, estatus de veterano, o condición medica, para el acceso a y trato de cualquiera de sus programas o actividades colegiales. La falta de conocimiento del idioma inglés no serán una barrera para la admision y participación en los programas educativos vocacionales de la institución.

Este reglamento cumple con lo estipulado en el Título VI del Acta de 1964 de la Ley de Derecho Civil, con referencia a la discriminación por raza, color, o nacionalidad de origen; el Título IX de las Enmiendas a la Educacion de 1972, referente a la discriminación por sexo; la Sección 504 del Acta de Rehabilitación de 1973, referente a la discriminacion por discapacidad; el Acta de Discriminacion de Edad de 1975 referente a la discriminacion por edad; y el Reglamento del Distrito que aplica.

Procedimientos de Quejas

Procedimiento Informal

Los estudiantes que tengan preguntas sobre el procedimiento para someter una queja de conducta discriminatoria o creen haber sido víctimas de una acción discriminatoria pueden notificar a la Coordinadora Local del Título IX, o a la Administración Superior de Servicios Estudiantiles (Senior Dean of Student Services), llamando al teléfono 439-2181 Ext. 3372. La Administración Superior de Servicios Estudiantiles trabajará con el alumno demandante y personal del colegio apropiado para encontrar una solución informal a la queja. El Presidente del colegio, o persona asignada, vigilarán

el proceso de resolución de la queja informal y propondrán una solución a la queja. El proceso de resolución no deberá durar más de 30 días después de haberse recibido la queja. Se mantendrá un expediente de la queja y la resolución en los archivos correspondientes.

Procedimiento Formal

Si la queja no puede resolverse de manera informal, el Presidente, o persona asignada deberán notificar al alumno demandante sus derechos para presentar una queja formal de discriminación ilegal. La Administración Superior proporcionará al alumno con el formulario de quejas del Distrito y enviará el documento al Vice Canciller de Relaciones Humanas del Distrito una vez que este haya sido llenado. Una vez que se haya recibido la queja de manera formal, el Distrito notificará inmediatamente a la Oficina del Canciller del Estado. Dentro de los 10 días siguientes de haberse recibido la queja, el Distrito deberá comenzar una investigación formal y notificar de ello al alumno demandante. El Distrito contará con 90 días para investigar la queja y reportar los resultados administrativos al demandante y a la Oficina del Canciller del Estado. El demandante tendrá derecho a apelar la decisión administrativa al Consejo Gubernamental del Distrito dentro de los 15 días siguientes a la fecha de notificación de la decisión. El Consejo Gubernamental del Distrito contará con 45 días para actuar sobre la apelación. La falta de actuación del Consejo dentro de los siguientes 45 días otorgados indicará la aprobación de la decisión administrativa tomada. El demandante tendrá derecho a someter una apelación por escrito a la Oficina del Canciller dentro de los 30 días siguientes de que el Consejo Gubernamental haya emitido la decisión final del Distrito, o, permitirá que la decisión administrativa sea final conforme a lo anterior. El Canciller tendrá la autoridad de aceptar o rechazar cualquier petición semejante en la revisión de casos de discriminación laboral.

Preguntas, Quejas a Base de Incapacidad.

Las preguntas sobre el acceso, trato, o empleo de personas discapacitadas deberán ser dirigidas al Decano de Servicios para los Estudiantes/Coordinador de ADA de Los Medanos College; 2700 East Leland Rd., Pittsburg, CA 94565, 925-439-2181, Ext. 3372, o, al TDD 925-439-5709.



BE CAUTIOUS, CAREFUL AND ALERT TO YOUR SAFETY!

Criminal activity can be greatly reduced by preventative efforts. Take steps to protect your possessions and discourage theft.

Federal law requires that crime prevention techniques and statistics be reported annually to the campus community. This report meets all requirements as set forth in the Crime Awareness and Campus Security Act of 1991. This data was prepared not only to comply with the law, but to help keep our students, faculty and staff safe and secure and to provide an environment supportive of teaching and learning.

LMC CRIME STATISTICS

Crime Reported	2007	2008	2009
Homicide	0	0	0
Rape	0	0	0
Robbery	0	0	0
Assault	1	0	3
Burglary	9	2	5
Larceny (Theft)	41	23	36
Auto Theft	1	4	0

MISCELLANEOUS ARRESTS-- ALL CAMPUSES

Crime	2007	2008	2009
Liquor Laws	0	2	1
Drugs	13	14	11
Weapons	13	2	2

You are encouraged, as a member of the campus community, to report suspicious circumstances or any criminal acts committed on district properties.

The District, through its Police Services Department is committed to fully investigate reports of criminal acts occurring on district properties.

At Los Medanos College, crimes may be reported by calling Police Services at ext.3228 or by visiting the Police Services Department on the ground floor of the College Complex.

POLICE SERVICES OFFICE HOURS:

Monday - Thursday	7:30 a.m. - 10:30 p.m.
Friday	7:30 a.m. - 4:30 p.m.
Saturday	8:00 a.m. - 4:00 p.m.

To contact officer after business hours call the Sheriff's Department at 925-646-2441.

FOR EMERGENCIES ONLY

Call ext.3333 or 9-911 from campus phones.

Note: to secure an outside line, necessary for dialing 911, you must first dial 9 on a campus phone.

DIAL 911 FROM OTHER PHONES (Pay phones DO NOT charge for 911)

IN ADDITION TO POLICE SERVICES, THE COLLEGE DISTRICT PROVIDES:

ESCORT SERVICE UPON REQUEST

Call Police Services at ext.3228 for an escort between offices or to a parking lot.

FIRST AID-CPR SERVICE

Police officers and some police aides are trained in CPR and First Aid. Call ext.3228 or, in an emergency, ext.3333.

SAFETY & CRIME PREVENTION PAMPHLETS

available at the Police Services offices.

PARKING PERMITS


A parking permit is required when parked on campus (except holidays and week-ends). To avoid a ticket, the parking permit must be visible at all times.

College Parking Information

Parking All vehicles parked on the campus, whether in a parking lot, dirt lot, or perimeter road (Miwok Way and Los Medanos Drive) must have a valid parking permit. Be aware that there are specified student parking areas and faculty/staff parking areas. Students who park in faculty/staff spaces will be ticketed. These defined areas are indicated on the campus map, which may be picked up at the information booth located in Parking Lot A or at Police Services, located on the bottom level of the College Complex building.

Fees Students may purchase a parking permit, valid for one semester. The cost is \$40.00 for automobiles and \$25.00 for motorcycles or mopeds. Summer parking permits required during the summer term. Full-term permits can now be purchased online through WebAdvisor. Permits will no longer be available for purchase on campus. If you prefer to pay cash for your permit, you can order it on the computer kiosk outside of the Cashier's Office and then pay at the Cashier's window. EOPS students can order their permits at the kiosk located in the EOPS Office.

Upon payment, you will be emailed a 10-day temporary parking permit that can be printed out and used until the permanent parking permit arrives at your home in two to three business days. Your permit is valid at any campus parking lot in the district. Daily parking permits may be purchased from the yellow ticket vending machines for \$3.00. These machines are located in Lot A, Lot 1A, Lot B, Lot C and the perimeter road adjacent to the softball fields.

 **Disabled Parking** Special parking spaces are designated for disabled persons who have a DMV placard. Disabled persons with permits may park in any legal space on campus. The van accessible spaces are for wheelchair persons only.

Enforcement

Parking regulations are enforced 7:00 am Monday through 5:00 pm on Friday. After 5:00 pm daily, students may park in the staff parking spaces in lot A and C. Parking regulations are not enforced on weekends or holidays. Meters are enforced at all times.

Payment of fines Citations for parking violations are issued by the Campus Police. Payment of fines must be made to:

Office of Revenue Collection

2530 Arnold Dr. #350
Martinez, CA 94553

For questions, call 925-335-8550

**REMEMBER: TO AVOID A CITATION
YOUR PERMIT MUST BE VISIBLE AT
ALL TIMES WHILE PARKED
ON CAMPUS.**

For more information, please visit our website:
www.4cd.net/police_services

SPRING 2011 PARKING PERMIT

Purchase online at WebAdvisor.

No longer available for purchase on campus.



DON'T GET STUCK ON THE
FREEWAY!



Highway 4 construction may result in entrance/exit ramp closures
at both **Loveridge and Somersville Road**,
main routes to/from **Los Medanos College**.

Anticipated closures are published on the web at
www.widensr4.org

We recommend you **bookmark this link** and consult it daily.



Use this QR code to
access the Highway 4 link
using your smart phone.



Directions to Los Medanos College

Los Medanos College

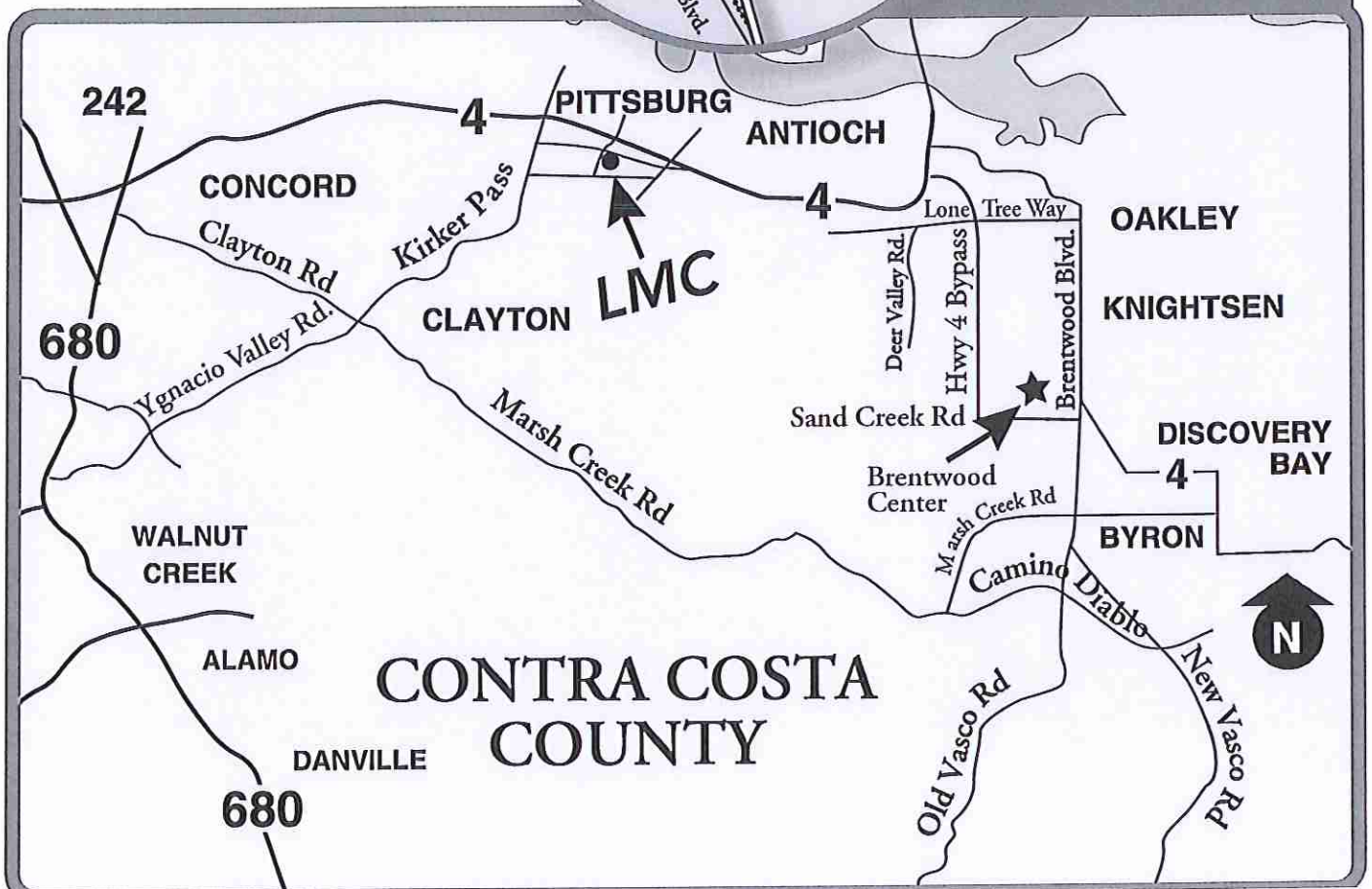
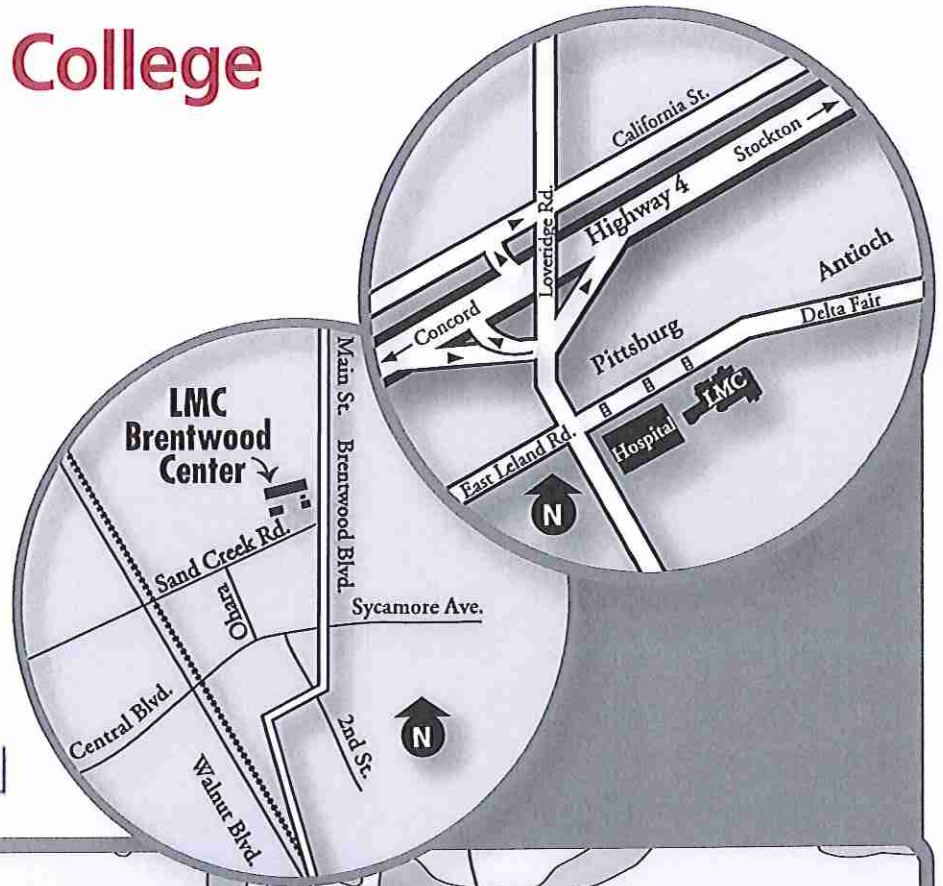
2700 East Leland Road
Pittsburg, California
925-439-2181

Brentwood Center

101A Sand Creek Road
Brentwood, California
925-513-1625

Visit us online at

www.losmedanos.edu



Transportation to get you here.

Buses

LMC is served by frequent Tri Delta Transit buses to Pittsburg/Bay Point BART and local communities. The general public fare is currently \$1.75; \$3.00 for an unlimited ride day pass. Connect at BART with a valid BART transfer and the fare is only \$1. Bus routes 380, 387, 388 & 391 serve LMC weekdays and routes 392, 393 & 394 serve LMC on weekends and holidays.* The Tri Delta Transit web site also offers a "Trip Planner" link where you can enter origin and destination and the web site will provide you with transit options and times. For more information, please visit: www.trideltatransit.com. Or call Tri Delta Transit at: (925) 754-6622.

*In addition, Tri Delta Transit offers discounts monthly and value passes.

BART

Tri Delta Transit Buses connect LMC to BART, which services Pittsburg, Concord, Pleasant Hill, Walnut Creek and other cities throughout the Bay Area. For specific Tri Delta Transit buses that service Los Medanos College, please see "Buses", or call BART at: 925-676-2278 (BART)

Transit Incentive Program

Eligible students who currently drive alone to school and pledge to take the bus or BART can receive free BART and bus tickets from 511 Contra Costa. Students who pledge to carpool or use public transit to campus instead of driving alone to school are eligible to participate. For more information and eligibility requirements visit <http://www.511contracosta.org/public-transit/transit-incentive/> or call (925) 969-0841.



Carpooling

Carpooling to school is a healthier and faster commute option with 9 miles of High Occupancy Vehicle lanes on Highway 4, between Port Chicago Highway and Railroad Avenue.

Bicycle

Secure bike racks are available at various locations on campus. Bikes can be transported by BART or bus as well. See the above numbers for more information.

The De Anza bike trail intersects the South end of the Los Medanos College campus. The bike trail can be accessed from the West of LMC at Leland, Crestview Drive Railroad Avenue, Harbor Street, Loveridge Road. The bike trail can be accessed from the East of LMC at Somersville Road, Delta Fair Blvd and Gentry Town Drive and James Donlon Boulevard. Free trail maps can be obtained by calling 511 Contra Costa at: 925-969-0841.



511 Contra Costa

511 Contra Costa provides commuter services and programs to college students traveling to, through, or from Contra Costa. Programs are available offering free gas cards and bus tickets every semester to students who are willing to start a carpool or try riding the bus or BART instead of driving alone to campus. Visit www.511contracosta.org for commute information, or call 925-969-0841.

511 Contra Costa commute services are provided free of charge to residents, college commuters and employers in Contra Costa County. Funds for this program are provided by the Bar Area Air Quality Management District's Transportation Fund for Clean Air and the Contra Costa Transportation Authority.

Brought to you by LMC in cooperation with 511 Contra Costa and Tri Delta Transit.

www.511contracosta.org
www.trideltatransit.com

Los Medanos Campus Directory

Main Line

925-439-2181

From Oakley/Brentwood

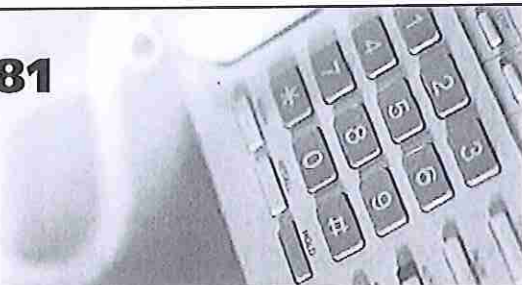
925-754-9011

From Concord

925-798-3500

TDD

925-439-5709



For Information About Ext./Phone		Room	For Information About Ext./Phone		Room
Admissions & Records Office	7500	CC3 401	Nursing Programs/Allied Health (CPR)	3286	CC4 482
Assessment Center	3252	CC3 524	Police Services/Lost and Found	3228	CC1 132
Athletic Programs	3332	PE 1003	Refunds/Cashier's Office	3111	CC3 425
Bookstore	3143 or 439-2056	CC3 810	Research Office	3370	CO 411
Brentwood Center	513-1625	BRT	Scholarship Information	3130	CC3 440
C.A.R.E. Program	3114	CC3 435	Student Government/Activities	3266/3199	CC3 800A
CalWorks	3154	CC3 435	Student Outreach	3383	CC3 419
Career Center	3252	CC3 524	Transfer Center	3124	CC3 434
Center for Academic Support	3176	CO 300	Veterans Benefits	3129	CC3 401
Child Study Center	3197/3198	CS2	Instructional Labs		
Counseling Appointments	3334	CC3 414	Appliance	3341	CC3 506
Disabled Students High-Tech Center	3279	CC3 625	Art	3169	CC3 312
Disabled Support Services			Biology	3410	SC 103
• Learning/Physical	3133/3353	CC3 441	Business	3202	CO 200
(TDD)	439-5709	CC3 441	Computer (General Use)		LI
Employment Center			English	3263	CC2 280
• Work Experience/Coop Education/ On Campus Job Placement	3330/3331	CC3 435	ETEC	3457	EL
EOP&S Extended Opportunity Programs & Services			Journalism	3125/3359	CC3 601
	3138/3117	CC3 435	Math Tutorial	3326	MA 102
Financial Aid	3139	CC3 431	MIDI (Music)	3385	MU3 740
Fire/EMS	3274/3352	CC2 260	PTEC	3387	CC3 320
Foundation Office	3215	CC3 440	Instructional Deans' Offices		
Information Center	3422	CC3 400	Liberal Arts & Sciences	3105/3272	CO 400
Instructional Deans' Offices	3105/3272	CO 400	Occupational Education	3105/3272	CO 400
Library Services	3275/3320	L1	Individual instructors may be contacted at their campus phone extensions.		
Lost and Found/Police Services	3228	CC1 132	Student Services Deans' Offices		
Marketing/Public Relations	3242	CO 417	Dean of Student Development	3317	CC3-444
Music and Recording Arts	439-0200	MU3	Senior Dean, Student Services	3372	CC3-403
New Student Orientations	3422	CC3 410			

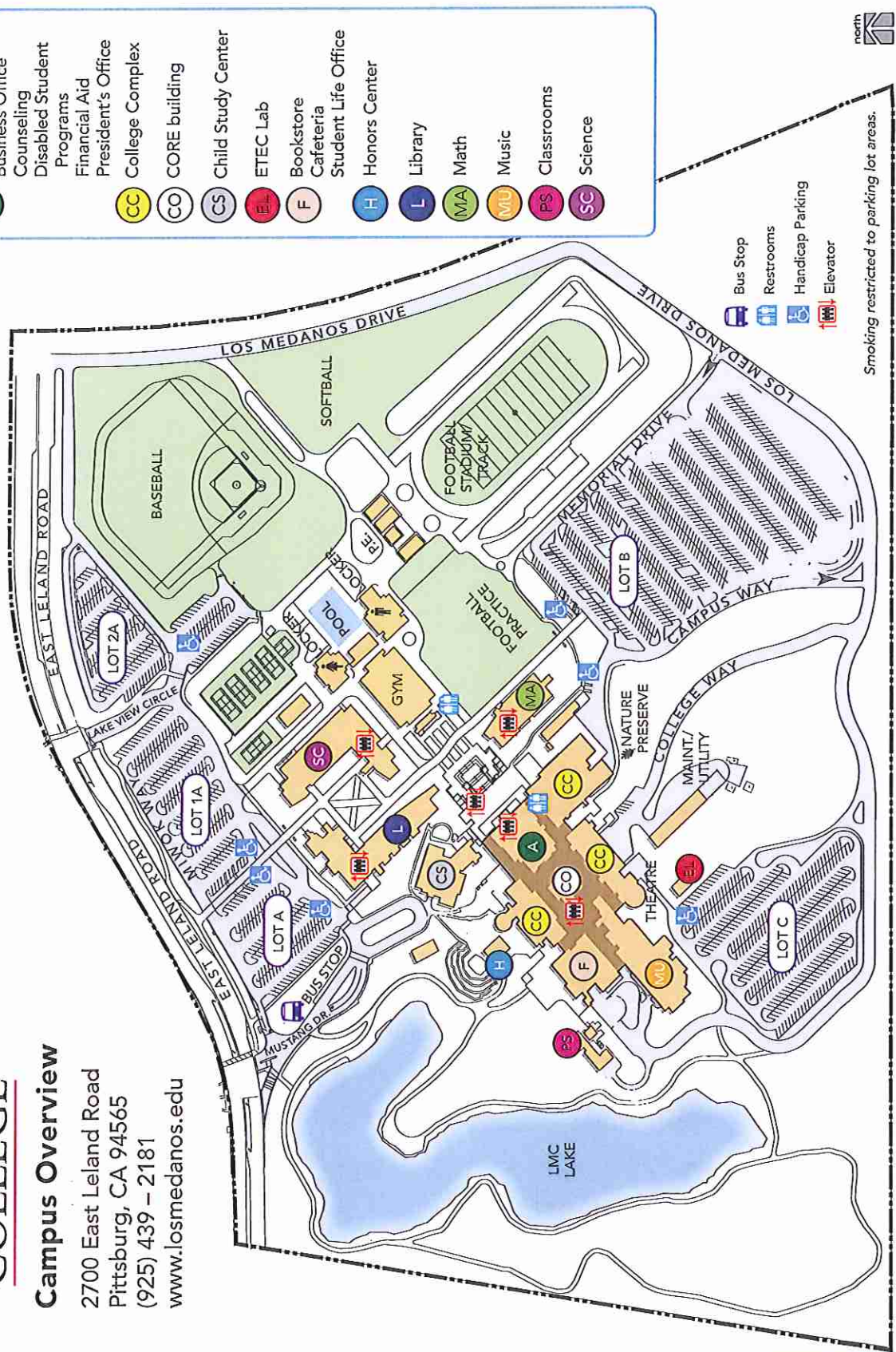
LOS MEDANOS COLLEGE

Campus Overview

2700 East Leland Road
 Pittsburg, CA 94565
 (925) 439 - 2181
www.losmedanos.edu

Building Legend

- Admissions
- Business Office
- Counseling
- Disabled Student Programs
- Financial Aid
- President's Office
- College Complex
- CORE building
- Child Study Center
- ETEC Lab
- Bookstore
- Cafeteria
- Student Life Office
- Honors Center
- Library
- Math
- Music
- Classrooms
- Science



Smoking restricted to parking lot areas.

APPENDIX C

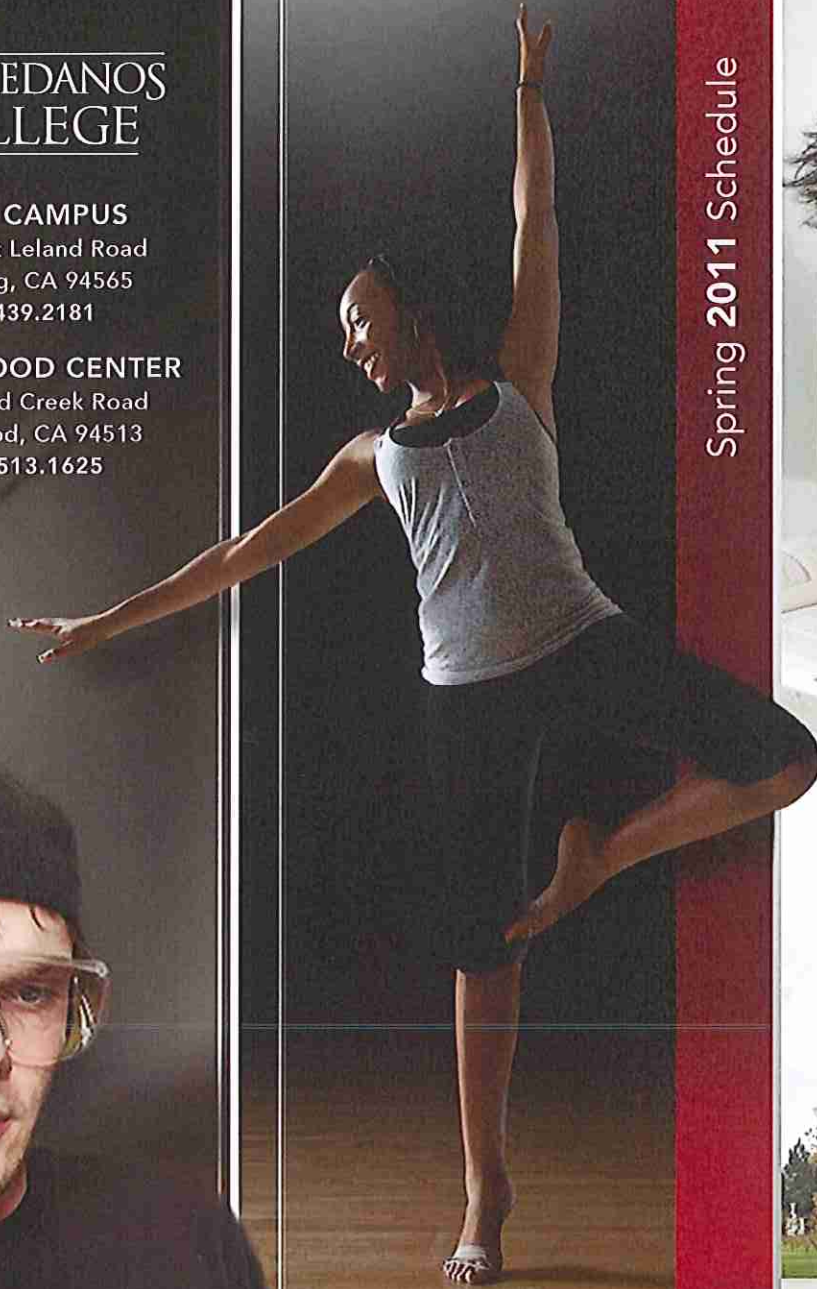
LOS MEDANOS COLLEGE
SPRING 2011 SCHEDULE OF CLASSES

www.losmedanos.edu

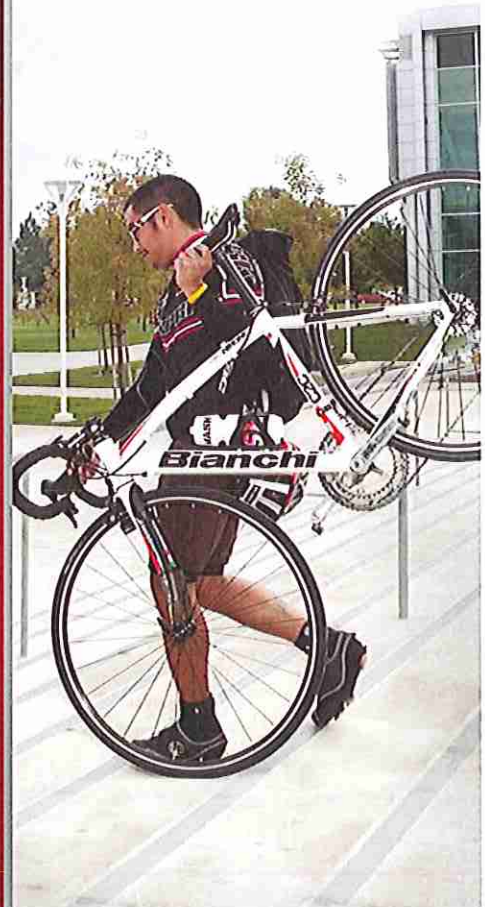
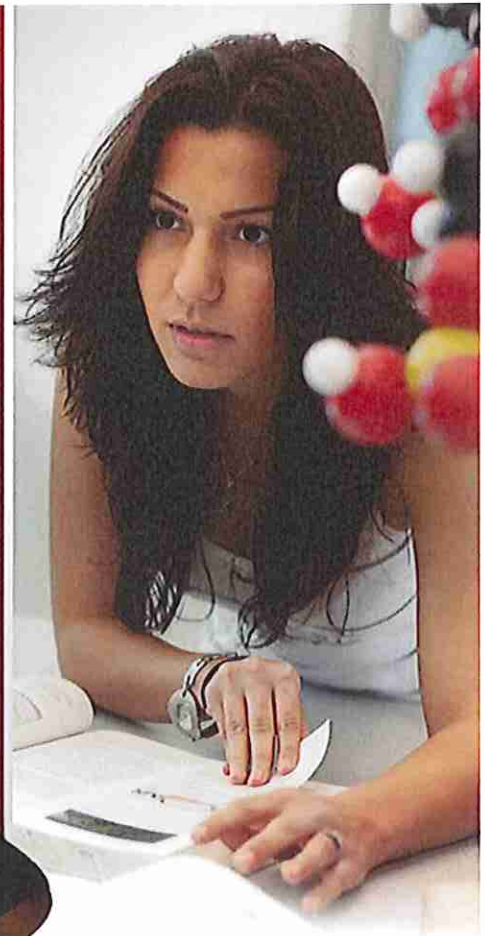
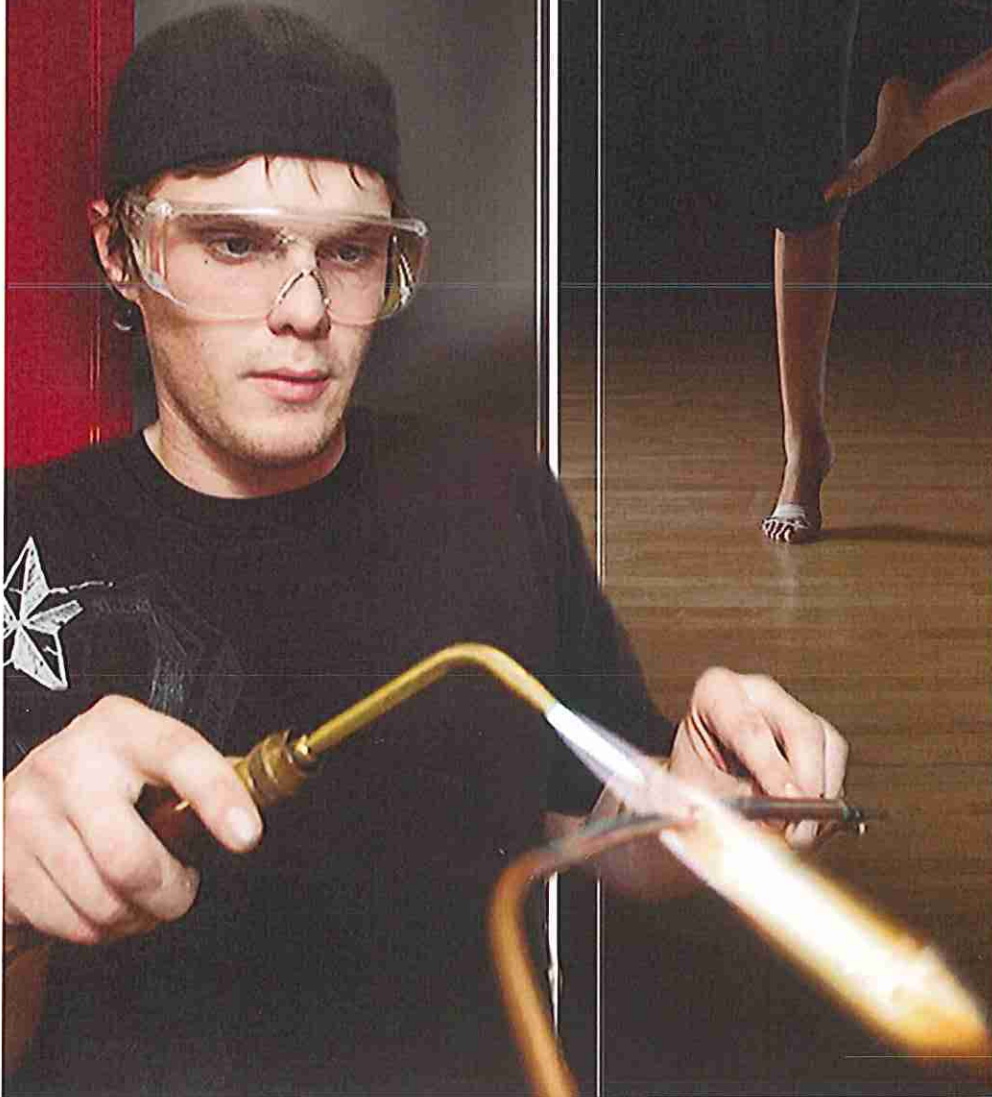
LOS MEDANOS COLLEGE

MAIN CAMPUS
2700 East Leland Road
Pittsburg, CA 94565
925.439.2181

BRENTWOOD CENTER
101A Sand Creek Road
Brentwood, CA 94513
925-.513.1625



Spring 2011 Schedule



SPRING SCHEDULE

Martin Luther King Birthday – Holiday.....	January 17
Spring semester begins.....	January 22
Last day to add semester-length courses.....	February 4
Last day to file drop semester-length courses & be eligible for refund.....	February 4
Last day to file drop for semester-length courses to avoid "W" on transcript.....	February 17
Last day to petition for pass/no pass (SC) option for semester-length courses.....	February 17
Lincoln's Birthday—legal holiday.....	February 18
College closed—no Saturday/Sunday classes.....	February 19-20
Washington's Birthday—legal holiday.....	February 21
Spring Break.....	April 18–23
Last day to file drop for semester-length course.....	April 29
Final exams begin.....	May 21
Last day of instruction.....	May 27
Graduation.....	May 27

**LOS MEDANOS
COLLEGE**

Contra Costa Community College District

Los Medanos College is proud to be one of the Colleges of Contra Costa. The District Office is located at 500 Court Street in Martinez, California 94553.

Other colleges in the district include: Contra Costa College in San Pablo and Diablo Valley College in Pleasant Hill, which operates the San Ramon Campus.

Board of Trustees

Dr. Anthony T. Gordon, *President*

John T. Nejedly, *Vice President*

Jess Reyes, *Secretary*

Tomi Van de Brooke, *Member*

Sheila A. Grilli, *Member*

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Chancellor

Dr. Helen Benjamin

Los Medanos College

Richard Livingston, *Interim President*

Produced by the LMC Department of Marketing & Media Design



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Mission

STATEMENT

Los Medanos College is a public community college that provides quality educational opportunities for those within the changing and diverse communities it serves.

By focusing on student learning and success as our first priorities, we aim to help students build their abilities and competencies as life-long learners. We create educational excellence through continually assessing our students' learning and our performance as an institution. To that end, we commit our resources and design our policies and procedures to support this mission.

Vision

Los Medanos College provides the premier educational opportunity for East County residents, where learning matters most.

Values

Values remind us of what matters most. Los Medanos College is an educational community that cares deeply about learning, collaboration, effective communication, and engagement with our surrounding community.

Accreditation

Los Medanos College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education

Admission & Enrollment Information

SPRING 2011 ENROLLMENT DATES

PRIORITY APPOINTMENTS – Online or Phone Registration Only*

DSPS/EOPS/Active Military/Eligible Veterans **Nov. 22–23**

Other Continuing Students **Nov. 29–Jan. 21**
Based on units accumulated; Cosmetology and Nursing students must register in-person.

NO APPOINTMENT NEEDED

New & Returning Students **Dec. 15–Jan. 21**
Online or phone registration only (except Cosmetology and Nursing students)

Open Walk-in Enrollment – Online, Phone, or In-Person for all regular college students **Jan. 10–21**
Online and phone registration services will be available through the day before individual course sections begin.

Begin Special Admit/Concurrent High School Students **Jan. 11–21**
Registration for ALL Concurrent High School Students - In person, with special admit approval form

LATE ENROLLMENT

All Students – On a space-available basis **Jan. 22–Feb. 4**

Last Day to Enroll, Pay Fees, or Drop w/Refund **Feb. 4**

Enrollment Hours – Admissions & Records Office

For enrollment hours:

Main Campus (Pittsburg): www.losmedanos.edu/admissions

Brentwood Center: www.losmedanos.edu/brentwood/map.asp

How to Register

Continuing student priority registration: By appointment, online and phone registration only (see page 10 for instructions). *Note that students enrolling in the Cosmetology or Nursing Program must enroll in-person.*

Registration appointments are automatically assigned to continuing students based on units accumulated as of the end of the October 2010 session. Appointment dates and times can be viewed on WebAdvisor by going to “Priority Registration Date” on the WebAdvisor menu via the college web site, www.losmedanos.edu.

New and returning student priority registration – Apply and enroll early, online and phone only.

Walk-in registration begins – on Jan. 10 for the spring. Enroll online, by phone, or in-person. Online and phone registration services will be available through the day before individual course sections begin, on a space-available basis. In-person enrollment will continue through the designated last date to add.

All special Admit/concurrent High School students register in person beginning Jan 11.

Who May Attend

Admission is open to anyone who is:

- 18 years old or older, or
- A high school graduate or equivalent GED (General Educational Development) test or the California High School Proficiency Exam or
- Students currently enrolled in the high school, at least 14 years of age or who have completed eighth grade or higher.

How to Apply

New and returning students—Applications for admissions may be submitted online at www.losmedanos.edu. After the application is uploaded, students will receive an email with the student ID and registration date. Paper applications are also accepted, however online is preferred.

Special admit students—New and returning students may submit a college application online. This application can be submitted prior to the in-person registration date. Continuing high school students need not resubmit a college application.

Program Changes During Late Registration

Enrollment With Late Add Codes

No fall semester-length class may be added after the published deadline of February 4. Check with course instructors or the Admissions & Records Office for short-term class registration deadlines.

An instructor’s approval is required to enroll in a class that has reached maximum enrollment or has already started. First priority for late adds will go to students on the wait lists. Late registration may be processed one of three ways:

- **By Web**— Go to www.losmedanos.edu and log in to WebAdvisor. Select “Late Registration” and enter the course section number and late add code; or
- **By Phone**— Call the phone registration system at 925-370-9000; follow the voice prompt and enter the course section number and late add code; or
- **In-Person**—Bring late add code to the Admissions & Records Office or the Brentwood Center by the last day to add.

Course enrollment is not complete until the add information is processed and the enrollment fee is paid.

If a course is still open during the late registration period, you may enroll at the Admissions & Records Office without instructor permission.

Drops/No Shows

Students who are not present at the first class meeting may be dropped by the instructor as a “no show.” However, it is the student’s responsibility to officially withdraw from any classes in which they no longer wish to be enrolled. Non-attendance and non-payment of fees do not release the student from this responsibility and may result in a failing grade. Students may drop classes through the telephone registration system, online (on WebAdvisor) or in-person, at the main campus or at the Brentwood Center prior to the designated drop deadline.

Since drop deadlines vary (with or without a refund) depending upon the length of the course, students should inquire in the Admissions & Records Office about these timelines or ask the instructor.

Closed and Cancelled Classes

Any class may be closed to further enrollment when it reaches the maximum size. Additionally, if enrollment is insufficient in any class, it may be cancelled. For information regarding refunds for cancelled classes, see the refund policy.

Residency

For purposes of establishing tuition fees, students are identified as either residents or non-residents.

- **Residents:** those who have lived in California as legal residents for at least one year prior to the first day of a new semester and who can demonstrate intent to remain a California resident. Non-citizens who meet residency requirements and who desire to enroll as a California resident must provide documentation from USCIS.
- **Non-residents:** those who do not meet the California resident requirements. See page 6 regarding tuition for non-California residents.

Nonresident Tuition Exemption (AB 540)

In 2001 the California legislature passed a law (AB 540) that exempts certain categories of students from paying nonresident tuition. To be eligible, you must have completed at least three years of high school and have graduated (or earned a high school equivalency) while living and attending school in California.

If you believe you are eligible for this special exemption, submit the *California Nonresident Tuition Exemption Request* form to the Admissions & Records Office for review. The form is available online at www.losmedanos.edu or at the Admissions & Records Office.

Special Admit High School Students

Students who are 14 years of age or older or those who have completed the eighth grade or higher are eligible for concurrent enrollment as 'special admit' students. High school students may enroll in up to seven (7) units in Fall and Spring terms or five (5) units of college coursework in the summer with approval of their school principal and parent*. With appropriate approvals, special admit students may enroll in advanced academic and vocational credit courses (degree applicable courses only).

Students 14 – 15 years of age and/or special admit

students requesting to enroll in more than the unit limit are required to complete the online orientation. Signatures for approval must be submitted at the time of enrollment on an *Age Waiver Form* or *Unit Limit Waiver Form*.

* Important Note: By giving consent, parents of concurrently enrolled high school students agree they understand that the college is an adult learning environment and students are expected to behave accordingly. Additionally, they understand that classes will be taught at the college level and the curriculum and college procedures will not be modified nor will other accommodations be made.

Special Admit Enrollment Policies

Concurrently enrolled high school students may enroll in college courses with submission of a college application and proper approval forms on a space-available basis. Registration for high school students must be completed in-person on designated enrollment dates or anytime later (see enrollment dates on preceding page). Required forms that must be submitted each term/semester: online college application, (if you have been away two semesters or longer) a Special Admit Enrollment form, and if applicable, an *Age Waiver Form* or *Unit Limit Waiver Form*.

Special Admit students should bring documentation to verify prerequisites (if required) at the time of registration (see 'Prerequisite/Advisories' below). Note that enrollment in English and some Math classes require completion of the LMC assessment test prior to registration. An appointment can be made through the Assessment Center, located in Room 524 (Level 3). For information call (925) 439-2181, extension 3252 or www.losmedanos.edu.

Special Admit Orientation Requirement

Students 14 – 15 years of age or high school students wishing to appeal the unit limit must participate in a special admit orientation and

request approval from an instructional dean. View the orientation on the college web site (www.losmedanos.edu/orientations). Print a "Certificate of Completion" at the end of the orientation and arrange to meet with an instructional dean to request enrollment approval.

Open Course Policy

Every course is open for enrollment to any person admitted to the college who meets the course prerequisites and enrollment procedures.

All courses are offered for college credit; auditing is not permitted.

Prerequisites/Advisories

Note: Some courses have prerequisites or advisories included with the course description. These are designated to assist students in the selection of course levels for their maximum success.

Important: To ensure proper placement, prerequisites for all classes will be checked at the time of registration. If you have taken a prerequisite course at an institution other than LMC, you should request to have an official transcript sent to the LMC Admissions & Records Office prior to registration or bring a transcript with you for purposes of verification.

Prerequisites may be challenged through the end of the first week of instruction for semester-length classes or through the last date to add for short-term classes. Challenge forms are available through the Admissions & Records Office or the Brentwood Center Office. A student may be conditionally enrolled in a course upon submission of a completed challenge form. If the challenge is denied, the student will be dropped from the class and the enrollment fee will be refunded.

References to "successful completion" implies with a grade of 'C' or better. Advisories are recommendations only and need not be verified.

How to Apply & Enroll Online

IN ADDITION TO OUR TELEPHONE SERVICE, YOU CAN NOW APPLY & ENROLL ONLINE

The Contra Costa Community College District online admissions application service is available 24-hours a day

STEPS TO APPLY ONLINE

1. Go to our website at www.losmedanos.edu
2. Click on "Apply & Register"
3. Click on "Apply to LMC"
4. Follow the application instructions

STEPS TO ENROLL ONLINE

1. Go to our website at www.losmedanos.edu
2. Click on the WebAdvisor icon on the home page; go to "WebAdvisor."
3. Log in with your user ID and password.
4. Click on "Current students"
5. Select one of the choices in the registration menu.

Wait List

Students can place themselves on a wait list for closed classes. Once courses with a wait list fill to their maximum capacity, you have the option to add your name to a priority listing in the event drops should occur or the instructor agrees to add late enrollees (at the first class meeting).

Important Wait List Details

1. All corequisites or prerequisites must be met before being placed on a wait list.
2. Once you have added your name to a wait list, you can check your status (i. e. you are now # 2 of 5 students on the list) by going into "Manage My Waitlist" on WebAdvisor. **You should check your status on WebAdvisor frequently**, to allow yourself the maximum amount of time to enroll, in the event permission is granted prior to the start of instruction (includes weekends and holidays).
3. If space becomes available in your wait list course, you will receive notification that the space is being reserved for you. The message will be sent by email or you can access the information by checking "Manage My Wait List". ***It is important that the Admissions Office has your current email address on file. Failure to provide updated information will not result in extended time to be allowed for enrollment.**
4. Once permission is granted, you will have five calendar days to enroll in the class, via WebAdvisor or by the phone registration system (or in-person). **After five days, if you have not enrolled in the class, your name will be removed from the wait list** and the next student on the list will be notified that he/she is eligible to fill the open seat. Once your name is removed from the list, you no longer have priority status.
5. If you are on a wait list at the start of instruction, you must attend the first class meeting to see if there is space available for late enrollment. If you do not attend the first class, you lose your place on the priority listing and another student may be added instead.

If approved, the instructor will give you a unique late-add code. The code must be entered on the phone registration system or on WebAdvisor by the end of the late registration period (February 4 for semester-length classes). Your registration is not complete until your add code is processed and enrollment fees are paid.

Please note: Beginning with the first day of instruction, the option to have your name placed on a wait list is no longer available.

Student Status

New Student

You are a new student if you have never enrolled in classes at any college.

New Transfer

You are a new transfer if you have attended another college, but have never been enrolled at LMC.

Returning Student

You are a returning student if you have attended LMC but have been away for two consecutive semesters or longer.

Returning Transfer

You are a returning transfer if you have previously been enrolled at LMC and are now returning after attending another college.

Continuing Student

You are a continuing student if you have been enrolled at LMC within the past two semesters.

Course Load

Full Time = 12 units or more

3/4 Time = 9–11.5 units

1/2 Time = 6–8.5 units

Transfer of Credit

If you have previous college experience and would like to transfer other college credit to LMC, you must request an official college transcript to be sent to the LMC Admissions and Records Office (Note: not required if prior coursework is within the CCCC district.) Your previous coursework will then be evaluated for prerequisite and equivalent course information. A full evaluation will be completed as needed for counseling appointments or with submission of a Petition to Graduate.

Veterans Benefits

Priority registration appointments are available by request to active military personnel and to honorably discharged veterans. Information on veterans benefits is available in the Admissions & Records Office, Room 401, ext. 3129 or at www.losmedanos.edu/veterans.

Vocational Rehabilitation

The State Bureau of Vocational Rehabilitation provides financial assistance in some cases to students who require vocational training. Aid covers fees and books. Applicants should see a Vocational Rehabilitation Counselor well in advance of the school term to work out necessary arrangements.

Office of Vocational Rehabilitation
3656 Delta Fair Blvd., Antioch
925-754-7700

Restricted Enrollment

Enrollment in LMC courses may be denied based on the following:

- You have an outstanding debt to the college
- You have unpaid library charges for overdue or lost books
- You have been dismissed for GPA or academic progress reasons.

Accuracy and Revisions

Los Medanos College has made every reasonable effort to determine that everything stated in this schedule is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the administration of Los Medanos College for reasons related to student enrollment, level of financial support, or for any other reason at the discretion of the Contra Costa Community College District and the College. The District and the College further reserve the right to add to, amend or repeal any of their rules, regulations, policies, and procedures consistent with applicable laws. At the time of publication, the fees described in the schedule are accurate. However, at any time, local or state mandated fees may be imposed or increased.



Remember!

If you enroll in a class and decide not to attend, you **MUST** officially drop the class. Otherwise, you are responsible for payment.

It's NOT an automatic process!

New Student Workshops

Before attending your workshop,

go to the Assessment Center, room CC3-524, and complete your English and math assessment tests OR submit other college transcripts or assessment scores, or high school transcripts with advanced math course grades for evaluation. Assessment is available on a drop-in basis. For dates and times, please call the Assessment Center at 925-439-2181, ext. 3252 or check the website, www.losmedanos.edu/assessment for the schedule.

All students new to Los Medanos College must attend a New Student Registration Workshop or New Student Online Orientation. After submitting your Application for Admission, choose a workshop date below and sign up ONLINE at www.losmedanos.edu or at the ADMISSIONS WINDOW, INFORMATION DESK, or call 925-439-2181, ext. 3422. Be sure to arrive ON TIME!

What's in it for you?

- Learn which courses are required to achieve your educational goal
- Learn about LMC's majors, services, and procedures
- Discuss your English and math assessment test results
- Plan your first-semester courses with assistance from a counselor
- Receive a free Student Handbook & Schedule of Classes
- Have your individual questions answered by a counselor

Date

Time

Tuesday, November 23	9:00 am – 1:00 pm
Wednesday, December 1	6:00 pm – 10:00 pm
Tuesday, December 7 (at Brentwood Center Only)	6:00 pm – 10:00 pm
Wednesday, December 15	9:00 am – 1:00 pm
Tuesday, January 11	6:00 pm – 10:00 pm

Classes begin Saturday, January 22

Online Orientation

www.losmedanos.edu/orientationNew



Fees and Tuition

Note: Fees shown are those in effect at the time of publishing and are subject to change*. Fees may be paid in cash, by personal check, VISA or Mastercard for the exact amount.



Fee Type	Amount	Required
Enrollment Fee	\$26 per unit* (No maximum)	All students**
Non-Resident Tuition	\$190 per unit* (No maximum)	Non – California residents (<i>must be paid in addition to enrollment fee</i>)
Non-U.S. Citizen Tuition	\$190 per unit* (No maximum)	Those non U.S. citizens who by law cannot establish California residency (<i>must be paid in addition to enrollment fee</i>)
Student Union Fee	\$1 per unit, to a maximum of \$10 per academic year	All students – pays for the construction and maintenance of a student center
Parking Fee Permit***	\$40 for cars \$20 for motorcycles or \$3/day both autos and motorcycles	All vehicles anywhere on campus, including dirt lots, roads, etc., except on weekends and holidays
Transcript Request <i>Rush transcripts are available for an additional fee.</i>	\$5 per copy (first two transcripts in district – free)	All students – Payable with written request
Returned Check Fee	\$15	All students – Only cash or cashier's checks will be honored for clearing checks returned for insufficient funds. Records are held until the fee is cleared.
Materials Fee	Vary	Some classes may charge additional fees

*The District reserves the right to change enrollment and nonresident tuition fees, based on state legislation.

**Special admit students (K-12) are exempt from enrollment fees if enrolled in less than 12 units.

***The District reserves the right to change parking fees based on CCCC Board Policy.

For more information: call 925-439-2181, ext. 3139 -or- visit the Office of Financial Aid, Room CC3 431. Additionally, check **WebAdvisor**, the on-line service available to all students in the Contra Costa Community College District. You can now access your student information on-line, from your home or office, by visiting the college web site at www.losmedanos.edu and clicking on **WebAdvisor**. Among others, **"Financial Aid Status By Term/Year"** is available.

Student Fee and Enrollment Refund

Fee refunds for students who withdraw from school or drop classes by the deadline for class add/drop will be automatically calculated at the District Accounting Department. Refund checks for complete or partial withdrawals from school will be processed after the first two weeks of instruction. Refund checks will be mailed to the student address on file in the college Admissions Office. If the student paid by credit card on WebAdvisor, the refund will be processed as a credit to the credit card.

Don't be left behind! If you have a new address, please notify the Admissions & Records Office immediately! This needs to be done prior to the time of withdrawal or change of program.

A refund will not be made if the student has other outstanding debts to the college. Refund checks will be issued monthly after the first two weeks of instruction each semester. All refund checks will be made payable to the student whether paid by cash, check, money order, cashier's check or credit card. No refund of the enrollment fee will be made to any student who withdraws from classes after the first two weeks of instruction for a full semester class, or after 10% of the class time for a short-term class. An example, a 10-day course would need to be dropped in just **one day!** And a one-day course would need to be dropped the day before the course.

Students who register and subsequently drop all classes prior to the beginning of the semester may petition for an early refund at the Cashier's Office.

Parking Permit Refunds

Parking permit refunds will be made if the student drops all classes within the first two weeks of instruction for semester-length courses or by 10% of the length of short-term courses. The parking decal must be returned to the Cashier's Office for a refund.

Financial Aid Enrollment Fee Refunds

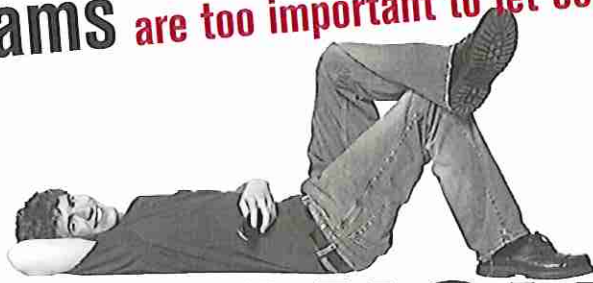
If subsequent to paying enrollment fees, a student becomes eligible for financial aid and receives an enrollment fee waiver, the student will automatically be mailed a full refund check according to the same refund processing cycle as enrollment fee refunds.

Enrollment Fee Deferments

If subsequent to paying enrollment fees, a student becomes eligible for an enrollment fee deferment to an outside agency, the student must have the document stating the deferment submitted to the Cashier's Office. The student will then automatically be mailed a refund check of the deferred fees within two weeks after the outside agency has been billed.

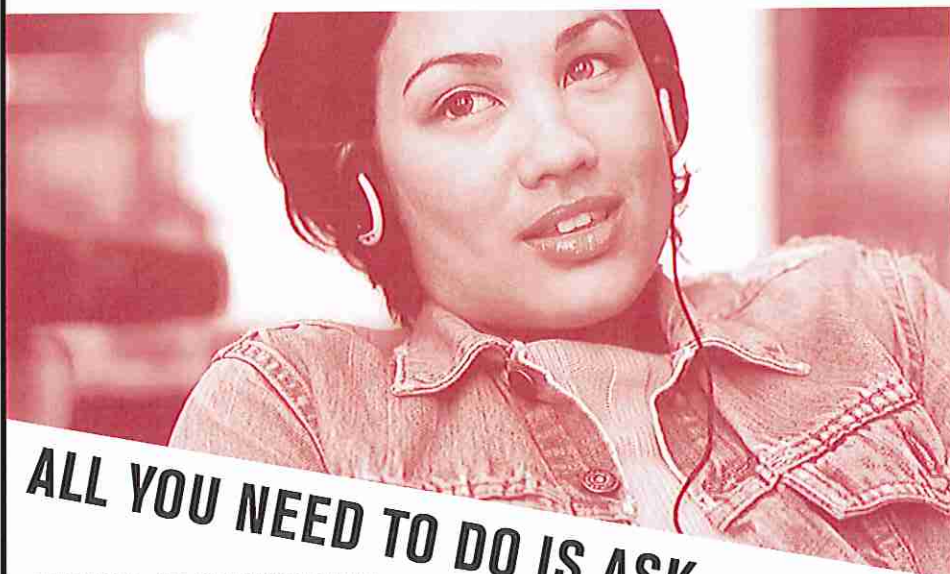
Details regarding the refund policy are available from the Cashier's Office or Admissions & Records Office.

Your dreams are too important to let college pass you by.



FINANCIAL

AID



ALL YOU NEED TO DO IS ASK...

FINANCIAL AID IS THE WAY MANY OF TODAY'S STUDENTS PAY FOR COLLEGE. OUR OFFICE OF FINANCIAL AID CAN HELP YOU APPLY FOR STATE AND FEDERAL GRANTS, WORK-STUDY PROGRAMS, AND ENROLLMENT FEE WAIVERS.

Grants are the primary form of financial aid available at LMC. Grants are "free" money that students obtain by taking classes. Grants do not have to be paid back and are given to qualified students in the form of a check.

ALL YOU NEED TO DO IS ASK

Our Office of Financial Aid can assist you in determining the programs that best meet your individual needs. You will start by applying for a Personal Identification Number (PIN) at www.pin.ed.gov. After obtaining your PIN, you can begin filling out your Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov.

Stop by the Financial Aid Office or call 925-439-2181 ext. 3139

THERE ARE SEVERAL DIFFERENT TYPES OF GRANTS AVAILABLE AT LOS MEDANOS COLLEGE.

FEE WAIVERS

The fee waiver is offered by the California Community College Board of Governors. It's easy to apply!

FEDERAL PELL GRANT

Offers up to \$5550 for full-time undergraduate students pursuing a degree or certificate.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT

Offers up to \$1000 for full-time students, and is awarded to those who file by March 2 and have the greatest need.

FEDERAL WORK/STUDY

Offers work on campus in an approved department and receive funding in the form of a monthly payroll check to assist with educational expenses.

CAL GRANTS B AND C

Offers between \$1551 and \$576 respectively for students taking 6 units or more. The application period is between January 1 and March 2. If you plan to attend LMC in the fall, you have a second deadline of September 2.



FINANCIAL assistance

What If You Can't Afford the Fees? We Can Help You!

Come to the Office of Financial Aid and learn about the financial opportunities available to eligible students.

Financial assistance check disbursements for students enrolled at the beginning of the term for semester-length and short term courses will be paid as follows:

- 25% of the student's financial aid computation will be paid during the first week of the school term.
- The computed financial aid, minus first installment payment, will be paid on the 5th week of the term.

The above payment schedule provides for an early financial aid payment to assist with textbooks and other college start-up expenses.

The final or second payment is a revised computation of financial aid based on currently enrolled units through the end of the add/drop period.

Selective Service Requirement & Financial Aid

Section 3 of the Military Selective Service Act requires that all male United States citizens and male aliens residing in the United States and its territories, who are 18 through 25 years of age, must register with Selective Service. Men who were born after December 31, 1959, who are not registered with Selective Service will not qualify for any Federal student loans or grant programs.

The Selective Services requirement does not affect eligibility for the Board of Governors Waiver.



WHAT'S A BOGFW?

A BOGFW, officially called the "Board of Governors Fee Waiver", is a waiver of enrollment fees provided by the State of California for students who have been California residents for more than one year. Students who are required to pay non-resident tuition or do not meet citizenship requirements do not qualify. There are three ways to qualify for a BOGFW. You only need to be eligible for one.

PLAN AHEAD!

Do not wait until you want to register to apply. Processing time for BOGFW A & B is three (3) business days. The BOGFW C can take up to six (6) weeks. We highly recommend that students apply online: http://www.cccapply.org/BOG_Waiver to expedite the process. A paper application can be obtained from the LMC Office of Financial Aid or it can be downloaded from our website www.losmedanos.edu/studentservices/finaid/default.asp.

WHAT HAPPENS IF I RECEIVE A BOGFW?

You will be notified of your BOGFW eligibility by award letter. You may also check your eligibility on WebAdvisor. If you are eligible for a BOGFW A, B, or C your per unit enrollment fees are waived, regardless of how many classes you enroll in. All other fees charged (i.e., Student Union and Parking) remain your responsibility to pay. If you have already paid your enrollment fees and qualify for a BOGFW, you will receive a refund of these fees. Refund checks are automatically calculated and mailed to all students. **BOGFW recipients may qualify for discounted parking**

You only need to apply once per academic year.

Applications are due no later than the last day of the semester for which you are applying.

BOGFW APPLICATIONS THAT ARE NOT COMPLETE OR ACCURATE WILL NOT BE PROCESSED.

BOGFW recipients may qualify for discounted parking

BOGFW A: Provide proof of TANF/Cal Works, Supplemental Security Income (SSI), or General Relief benefits you receive. Provide income and household size information by completing section B on the back of the BOGFW application. If you are considered dependent, you must provide proof of the benefits your parents are receiving.

Acceptable documentation includes:

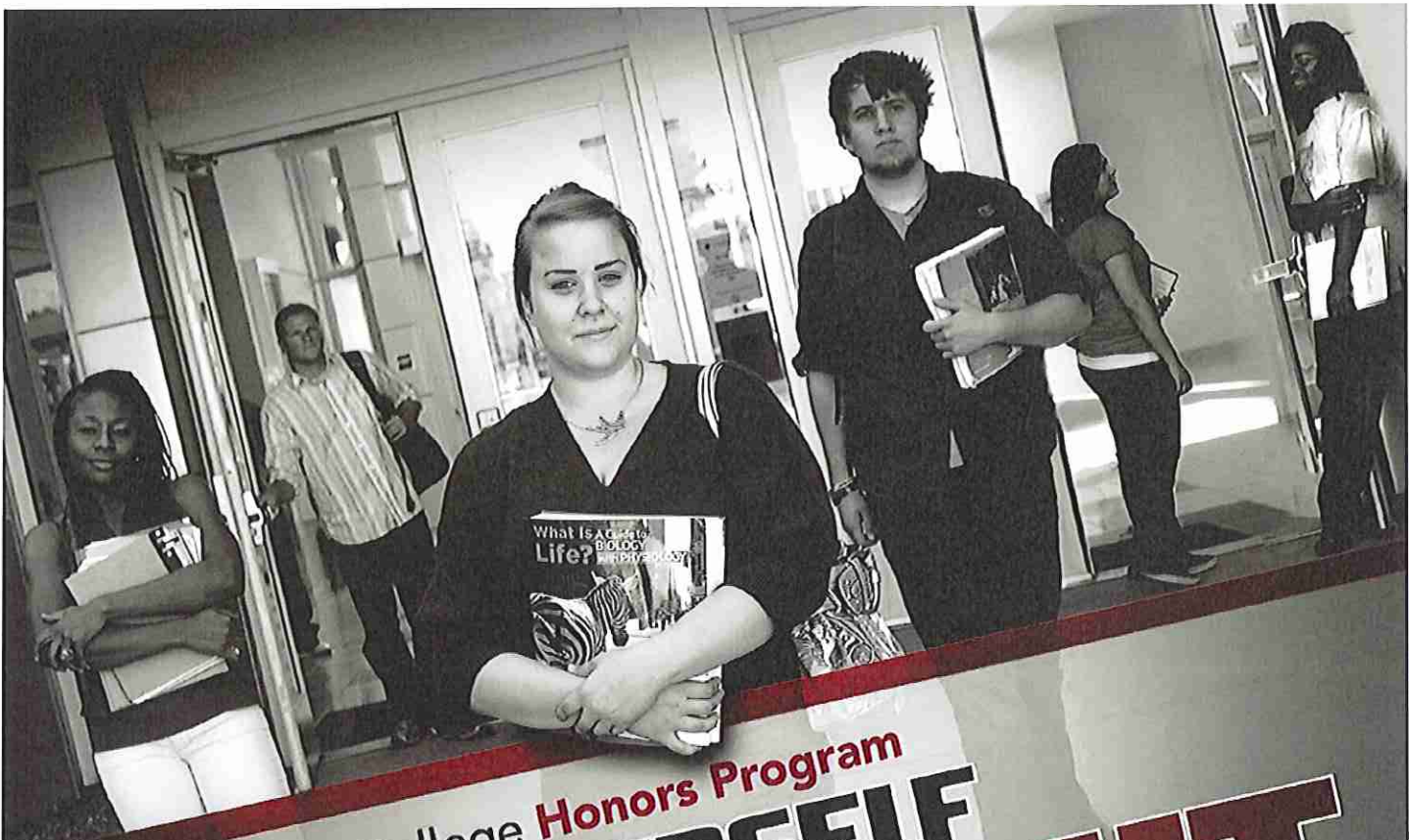
- Copy of current official agency verification
- Current eligibility letter

BOGFW B: Provide income and household size information by completing section B on the back of the BOGFW application.

BOGFW C: If you don't qualify for BOGFW A or B, you may qualify for BOGFW C by completing a 2010-2011 FAFSA.

Family size	Total Family 2009 Income	Family size	Total Family 2009 Income
1	\$16,245 or less	5	\$38,685 or less
2	\$21,855 or less	6	\$44,905 or less
3	\$27,465 or less	7	\$49,905 or less
4	\$33,075 or less	8	\$55,515 or less

Add \$5,610 for each additional family member



Los Medanos College **Honors Program**

MAKE YOURSELF STAND OUT

- Priority Transfer Agreements
- Dynamic Honors Courses
- Transcript Notation

- Access to the Honors Center
- Membership in the Honors Club

- Academic Guidance
- Honors Social and Cultural Events

Detailed Admissions Requirements & Application:
www.losmedanos.edu/honors

Professor Jennifer Saito
Honors Program Director

jsaito@losmedanos.edu
925.439.2181 x 3369

The Honors Center is a great place to do your work and use resources such as computers (and other honors students) to get your work done. It's an awesome place to hang out!

-Denia R., UC Davis senior, Pre-Med major

I love the Honors Program at LMC because it has helped me streamline my ambitions and career goals by providing an environment primarily populated with individuals who have a blatant sense of urgency to succeed in life. I'm proud to be a part of it!!

-Enock T., UC San Diego senior, Biomedical Engineering major

How to Enroll by Phone or Online

Who

You may register by telephone or online* on WebAdvisor if:

- You are a continuing student from the Spring 2010, Summer 2010 or Fall 2010, or
- You have submitted an application for the Spring 2011 semester.
- * Excludes high-school students, and students enrolling in the Cosmetology Program or Nursing Program, who must provide enrollment forms in person.

When

- Enrollment online or by touch-tone phone in semester-length and short-term classes is available on or after your registration appointment time/date, up through the day before classes begin. After the individual course start date, both systems may be used for dropping classes and reviewing final grades. The phone registration system may also be used by students who are approved to register in full classes during the late registration period by entering their "late add codes".
- The touch tone phone system is available Monday–Saturday, 5 am to 11:30 pm; Sunday after 10 am
- WebAdvisor can be accessed 24 hours a day Monday–Saturday; Sunday, after 10 am

How to register by phone

Complete the touch-tone work sheet before you call the registration telephone number.

On or after your registration date, call the system number: 925-370-9000.

The system prompt will take you step-by-step through the registration process. If you make a mistake, need additional help, want to review your courses, or want to cancel all transactions made during your telephone call, select the appropriate action codes identified by the voice prompt.

Note that prerequisites must be verified prior to course enrollment. See course description for prerequisite information.

How to register online on WebAdvisor

- Make a list of the classes you want by reviewing the class schedule.
- On or after your appointment date, go to www.losmedanos.edu and click on the **My WebAdvisor** icon. At the main menu, click on **Log In**.
- Your User Name is your first initial, last name, and the last 3 digits of your student ID number (example: Sam Jones would be sjones567). If you do not remember your student ID number, click on **User ID help** on the Current Student main menu then **What's my User ID**. **ID numbers cannot be obtained over the phone by calling the Admissions & Records Office.**

- Type in your Password. If you have never used WebAdvisor, your password is your six digit date of birth (example: if your birthdate is April 1, 1985, your password would be 040185). Once this is entered you will be taken to a page that says your password has expired. You will be asked to create a new password by entering your User ID, old password (your birthdate), and a new password that is 6 to 9 characters in length and contains at least one number.
- Click on the **Current Students** button.
- Under **Registration**, you can go to **My Priority Registration Dates** to confirm when you are eligible to enroll.
- Click on **Register for Sections**. Review your contact information. You may update your contact information on any registration screen.
- Click **Express Registration**.
- Complete the section fields with four digit section numbers and select the appropriate term. Click on **Submit**.
- On the **Registration Results** page, review your schedule and print a copy for your records.
- Scroll down to the bottom of the page and click on **Make a Payment** (by credit card) or send a check to the Cashier's Office, Los Medanos College, 2700 E. Leland Road, Pittsburg, CA 94565

Fee Payment

- Fees may be paid by check or credit card (VISA or MasterCard).
- If you pay by check, mail or take your check to the Cashier's Office immediately following registration. Write your ID number or social security number on the check.

Note: the campus is closed December 21–January 2.

Note Regarding Financial Assistance

If you are receiving financial assistance through the college, your fee waiver must be processed before you register for classes.

Confirmation of Transactions

You will be mailed a confirmation if you register by phone. Two additional ways to access this information:



- Call the telephone registration system and press to review your schedule, or
- Visit the college web site at www.losmedanos.edu and go into WebAdvisor.

Important Note: You will NOT be automatically dropped from classes based on nonattendance. Failure to drop your course may result in a failing grade and a debt on your record.

All outstanding debts must be paid in full. Unpaid debts will result in a registration hold on student records.

Steps to Touch-Tone Phone Enrollment

Remember! To Use the Phone Service:

- You must be a continuing student or have submitted an application for the new semester.
- Course Section Numbers are available in the Schedule of Classes or check the listing posted in the Admissions Office Lobby.

AVAILABLE 7 DAYS
A WEEK



1. CALL THE SYSTEM NUMBER **9 2 5 3 7 0 9 0 0 0**

2. Indicate your preference for English or Spanish translation.

3. Press **1** to register, add, or drop or press **2** for grades.

4. Press **1** to use you ID number _____ OR

Press **2** to enter your social security number: _____ - _____ - _____

5. Enter your birth date information: _____ - _____ - _____
You must enter 6 digits (Example 03-09-89) month date year

6. Select the number for the transaction you wish to complete:

• IF ADDING classes, press **1**

COURSE SECTION NUMBER	COURSE	NO	TIME	DAYS	UNITS
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =					
OR LATE ADD CODE					
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =					

• IF DROPPING classes, press **2**

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =					
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =					

• TO REVIEW YOUR COURSE SCHEDULE, PRESS **3**

• TO DROP ALL COURSES, PRESS **4**

• TO CANCEL CHANGES MADE DURING THIS PHONE CALL, PRESS **5**

• TO ACCEPT YOUR COURSE SCHEDULE AND RECEIVE YOUR AMOUNT OWED (REGISTRATION FEE), PRESS **6**

7. FEE PAYMENT:

• If paying by VISA Card or MasterCard press **1**

Remember to press the # sign after the last number of your credit card. You will also be asked to enter the three digit card verification value from the back of your credit card.

• If paying by check, press any other key. Write semester, year, and ID Number or social security number on your check, and make payable to "Los Medanos College."

• Amount owed: (as stated by the system) \$ _____

Mail check to:
Los Medanos College
Cashier's Office
2700 East Leland Road
Pittsburg, CA 94565-5197

Registro por Teléfono o Internet

Quien

Puede registrarse por teléfono o Internet en el WebAdvisor si:

- Actualmente eres un estudiante desde el semestre de Primavera 2010, Verano 2010 o Otoño 2010 que está continuando sus estudios.
- Ha sometido una solicitud para el nuevo semestre Primavera 2011.
- * Excluye a estudiantes de nivel preparatoria; estudiantes que hayan sido aceptados al programa de Enfermería; y Cosmetología. Los cuales deben presentar su solicitud en persona.

Cuándo

- Las inscripciones por Internet o por el sistema telefónico automatizado en cursos semestrales o de corto plazo están disponibles a partir del día de su cita de registro y hasta el día anterior al comienzo de clases. Una vez comenzado el curso, ambos sistemas de registro pueden ser utilizados para darse de baja en cualquier curso o revisar calificaciones finales. El sistema de registro telefónico también puede ser utilizado por estudiantes que hayan sido aprobados para registrarse en cursos completos durante el periodo de registro tardío al ingresar sus códigos de adición tardía (late add codes).
- El sistema telefónico automatizado, esta disponible de lunes a sábado entre las 5:00 am y 11:30 pm; domingos después de las 10:00 am.
- El WebAdvisor esta disponible las 24 horas del día, de lunes a sábado, y domingos después de las 10:00 am

Registro por Teléfono

Se recomienda completar la hoja de planes de estudio para la utilización del sistema automatizado antes de marcar el número de registro por teléfono.

Para obtener el número del sistema de registro el día de su inscripción o después marque el: 925-370-9000.

El sistema automatizado lo guiará paso a paso por el proceso de registro. Si comete algún error y necesita ayuda adicional, quiere revisar tu selección de cursos, o desea cancelar todas las transacciones durante su llamada, simplemente seleccione el código de acción identificados por el sistema automatizado de voz.

Tome en cuenta que sus pre-requisitos deben ser verificados previos a su inscripción de cursos. Diríjase a la descripción de cursos para más información sobre los pre-requisitos.

Registro por Internet en el WebAdvisor

Registro por Internet en WebAdvisor

- Haga una lista de los cursos que desea revisando el programa de cursos.
- Diríjase a www.losmedanos.edu en la fecha de su cita de inscripción o posterior a ella, y haga clic en el símbolo de **My WebAdvisor**. Seleccione la opción de **Log In** en el menú principal.
- Su nombre de usuario es la primera inicial de su primer nombre, su apellido completo, y los últimos 3 dígitos de su número de identificación de estudiante. (Ejemplo: Sam Jones sería sjones567). Si no recuerda su número de estudiante diríjase a **What's My User ID?** en el menú para estudiantes actuales. **Los números de identificación no pueden ser proporcionados por teléfono llamando a la Oficina de Admisiones.**

- Ingrese su código. Si nunca ha utilizado el WebAdvisor, su código son los 6 dígitos de su fecha de nacimiento (ejemplo: si su fecha de nacimiento es abril 1, 1985, su código sería 040185). Una vez que haya ingresado le pedirá que seleccione un nuevo código.
- Haga clic en la opción de **Current Students**.
- En la opción de **Registration** diríjase a **Priority Registration Dates** para confirmar cuando será elegible para registrarse.
- Haga clic en **Register for Section** • Revise sus datos personales. Si necesita actualizar sus datos pueden ser cambiados desde cualquier página de registración.
- Seleccione **Express Registration**.
- Llene los datos requeridos ingresando los cuatro dígitos de los números de sección y seleccione el término de estudios apropiado. Haga clic en **Submit**.
- En la página de **Registration Results** revise su lista de cursos y horario, e imprima una copia para sus archivos.
- Diríjase a la parte de abajo de la página y haga clic en **Make a Payment** (con tarjeta de crédito) o envíe un cheque a la oficina de **Cashier's Office**, (Oficina de Pagos), Los Medanos College, 2700 E. Leland Road, Pittsburg, CA 94565.

Pago de Cuotas

- Las cuotas pueden ser pagadas por cheque o tarjeta de crédito (Visa o Mastercard).
- Si paga por cheque, este deberá ser recibido por la Oficina de Pagos inmediatamente después e registrarse. Escriba su número estudiantil o número de seguro social en el cheque.
- La escuela estará cerrada entre Diciembre 21–Enero 2.

Notas Sobre La Ayuda Financiera

Si está recibiendo ayuda financiera por medio de el colegio su tramites de ayuda financiera deben ser procesados antes de su registro a clases.

Confirmación de Transacciones

Recibirá una confirmación por correo de su registro telefónico. Esta información puede ser accesada de las formas siguientes:

- Comuníquese al sistema de registro y presiona la opción 3 para revisar su lista de cursos y horario, o
- Visite la página en Internet del colegio al www.losmedanos.edu y diríjase al **WebAdvisor**.

Nota Importante: No se le dará de baja automáticamente por no asistir a sus clases. Sin embargo, no darse de baja puede resultar en calificaciones no aprobatorias y una deuda en su record. Toda deuda debe de ser pagada en su totalidad. Si no paga el monto adeudado, sus records seran detenidos.

Pasos para el Registro por el Sistema Telefónico Automatizado

¡Recuerda! Para Utilizar el Sistema Telefónico:

- Debe ser un estudiante que está continuando sus estudios o haber sometido una aplicación para el nuevo semestre.
- Los Números de Sección para Cursos están disponibles en el Programa de Cursos o, revise la lista publicada en la recepción de la Oficina de Admisiones..



1. MARQUE EL NÚMERO DEL SISTEMA 925 370 9000 **9 2 5 3 7 0 9 0 0 0**

2. Indique su preferencia de lenguaje de traducción, inglés o español

3. Presione **1** para registrarse, agregar, o dar de baja; presione **2** para obtener calificaciones.

4. Presione **1** para utilizar su número de identificación _____ 0

Presione **2** para ingresar su número de seguro social: _____ - _____ - _____

5. Ingrese su fecha de nacimiento: _____ - _____ - _____

Deberá ingresar 6 dígitos (Ejemplo: 03-09-89) mes día año

6. Seleccione el número correspondiente a la transacción que desea completar:

- Para AGREGAR clases presione **1**

NUMERO DE SECCION DEL CURSO	CURSO	NO	HORARIO	DIAS	UNIDADES
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
O CODIGO DE ADICION TARDIA	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- Para DAR DE BAJA clases presione **2**

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> =	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- PARA REVISAR SU LISTA DE CLASES Y HORARIOS, PRESIONE **3**
- PARA DAR DE BAJA TODOS SUS CURSOS, PRESIONE **4**
- PARA CANCELAR CAMBIOS REALIZADOS DURANTE ESTA LLAMADA, PRESIONE **5**
- PARA ACEPTAR SU LISTA DE CURSOS Y HORARIOS Y RECIBIR LA CANTIDAD DE SU DEUDA (CUOTAS DE INSCRIPCION), PRESIONE **6**

7. COMO PAGAR:

- **Puede pagar por Visa o Mastercard, presione **1****
Recuerde presionar el signo de # después de haber ingresado el último dígito de su número de tarjeta de crédito. También se le pedirá que ingrese los 3 dígitos de verificación que se encuentran en la parte posterior de su tarjeta.
- **Puede pagar con cheque, presione cualquier tecla.** Deberá escribir en su cheque el semestre, año y número de identificación o número de seguro social, y hacerlo pagadero a "Los Medanos College."
- **Cantidad:** (conforme a los establecido por el sistema)
\$ _____
- **Todas las cuotas de inscripción deben ser pagadas inmediatamente despues de su inscripción.**

Enviar cheque por correo a:
Los Medanos College
Cashier's Office
2700 East Leland Road
Pittsburg, CA 94565-5197



You need a plan!

Don't wander through the class schedule randomly choosing courses—**GET THE RIGHT INFORMATION UP FRONT.**

If your goal is to transfer, complete a certificate of achievement or earn an associate degree, visit the Career, Counseling & Transfer Centers. We can help you **plot your course to achieve your goal.**

The Counseling Center

- **One-On-One Counseling-** Counselors are available on both the main campus in Pittsburg and the Brentwood Center to help you plan to transfer, or earn a certificate of achievement or an associate degree. Schedule an appointment at either location by calling 925.439.2181 x3334.
- **Online Advising-** www.losmedanos.edu/counseling
- **Group Advising-** Optional information sessions for selected interests or majors.

The Transfer Center

- **Transfer Advisement-** Learn about Los Medanos College's transfer guarantee programs with UC campuses.
- **Articulation Agreements-** There are agreements available for CSU, UC and select private universities.
- **Visits with Representatives and Field Trips to University Campuses-** See for yourself what UC, CSU and private universities are all about. For more information and useful resources, or to schedule an appointment with a visiting college rep, visit www.losmedanos.edu/transfer, call 925.439.2181 x3124, or stop in at the Transfer Center at CC3-434.

The Career Center

- **One-On-One Assistance-** Career Center staff are available to administer and interpret individual interest and personality assessments to help you choose your major and learn about related careers.
- **Career Advisement-** Learn about local and national industry trends to make informed career and education planning decisions.
- **Workshops-** Choosing Your Major, Writing Resumes and Cover Letters, Interviewing Techniques and Professional Bootcamp.
- **Online Resources-** www.losmedanos.edu/careercenter

LMC Programs of Study

PROGRAMS OF STUDY	College Skills Certificate	Certificate of Achievement	Associate Degree	PROGRAMS OF STUDY	College Skills Certificate	Certificate of Achievement	Associate Degree
Administration of Justice	•		AS	Computer Science			
Anthropology			AS	Microcomputer Systems Specialist		•	
Appliance Service Technology		•	AS	Core Competencies	•		
Heating, Ventilation & Air Conditioning	•			Foundation	•		
Electrical Appliance Technician	•			Game Design	•		
Refrigeration Technician	•			PC Repair Technician (A+ Certification)	•		
Art				Web Design	•		
Fine Arts			AA	Cosmetology		•	
Graphic Communication		•	AA	Electrical/Electronics Technology		•	AS
Automotive Technology		•	AS	Emergency Medical Services	•		
Air Conditioning Specialist	•			Engineering			AS
Automotive Chassis Specialist	•			Environmental Science			AS
Engine Performance	•			Fire Technology		•	AS
Engine Repair & Machining Specialist	•			Fire Academy	•	•	
Smog Technician Specialist	•			Journalism			AA
Transmission Specialist	•			Liberal Arts			AA
Biological Science			AS	Arts/Humanities			AA
Business				Behavioral/Social Science			AA
Accounting		•	AS	Math Science			AA
Accounting Clerk/Bookkeeper	•			Management and Supervision		•	AS
Administrative Assistant	•			Communication Skills for Managers	•		
Basic Clerical	•			Decision-Making Skills for Managers	•		
Basic Medical Clerical/Medical Records Clerk	•			Human Resource Management Skills	•		
Business Computer Skills	•			Leadership Skills for Managers	•		
Business Literacy Skills	•			Planning Skills for Managers	•		
Business Transfer Preparation	•			Mathematics			AS
Entrepreneurship/Small Business Start-up	•			Music			AA
Front Office/Medical Billing / Medical Coding	•			Commercial Music – Business Management		•	
Fundamental Business Skills	•			Commercial Music – Performance		•	
Legal Secretary	•			Nursing			
Medical Transcription	•			Registered			AS
Office Administration	•	•	AS	Vocational		•	
Retail Management		•		Process Technology		•	AS
Small Business Operations	•	•	AS	Psychology			AA
Chemistry			AS	Real Estate	•	•	AS
Child Development		•	AS	Recording Arts	•	•	AA
Assistant	•			Sign Language	•		
Associate Teacher	•			Sociology			AS
Curriculum in Early Childhood Education	•			Spanish	•		
Infant Toddler Care	•			Travel Marketing	•	•	AS
School-Age Child Care	•			Cruise Specialist	•		
School-Age Development & Education	•			Home-Based Travel Specialist	•		
School-Age Associate Teacher	•			Welding Technology		•	AS
Site Supervisor/ Program Director	•						
Special Needs Care & Education	•						

See the Los Medanos College Catalog for information on LMC program requirements.

Two Pathways to an Associate

To be awarded an AA or AS degree at LMC, students must fulfill all of the following requirements:

Complete 60 degree-applicable units with a cumulative grade point average of 2.0 or higher, with at least 12 units completed at LMC

Complete Contra Costa Community College District Governing Board requirements:

American Institutions (3 units)

Health Education (3 units)

Physical Education (2 units)

Complete the specific LMC major requirements (a minimum of 18 units) listed in the college catalog
Complete General Education requirements by either the Transfer or Standard Path.

THE **Transfer Center** IS THE PLACE TO GO...

Information to get you where you want to go

TRANSFER CENTER RESOURCES

- College catalogs and directories
- Reference books on higher education
- Internet access for college transfer information including ASSIST and CSU Mentor
- Major & Career information: EUREKA
- Transfer major advising guides
- CSU and UC admission applications
- College video library
- A variety of college guides to help you choose the right school for you
- Guides on financial aid and scholarships
- The Transfer Center offers a variety of services and resources to help students transfer to the four-year institution of their choice.

TRANSFER CENTER SERVICES

- Walk-in transfer information and assistance
- Workshops and seminars on transfer issues and concerns
- Application filing assistance
- Opportunities to meet with representatives from four-year colleges and universities
- General education information (CSU GE and IGETC)
- Transfer Admission Guarantee
- Annual College Transfer Day and East County College Night
- Field trips to transfer schools
- Workshops on scholarships and financial aid
- Friendly and helpful staff

SPECIAL TRANSFER PROGRAMS

TAG (Transfer Admission Guarantee)

TAA guarantees students admission to a specific major as a junior if they complete the specified requirements. LMC does TAA's with UC Davis, UC Santa Barbara, UC Irvine, UC Merced, UC San Diego, UC Santa Cruz, UC Riverside, University of the Pacific, National University, Cal State East Bay, and Saint Mary's.

Cross Registration (CSUEB)

Cross Registration is a program that allows students to enroll concurrently at CSUEB if they meet eligibility requirements. It gives the students the opportunity to take courses at CSUEB while paying community college fees.

Concurrent Enrollment (UC Berkeley)

This program permits access to UCB classes so students may test their potential for success in a university setting and/or may take required courses at the University that might not be available at their home institution.

Stop by the Transfer Center for information on other transfer programs:

Dual Admission Program (CSUEB)

Honors Transfer Program (UCLA)

Transfer Center - Room CC3 434A (Counseling Area)

925-439-2181, x.3124

Hours: Monday & Tuesday 9 am – 5 pm
Wednesday & Thursday 10 am – 7 pm
Friday 9 am – 2 pm



Degree at Los Medanos College

Standard AA/AS Path

A minimum total of 60 degree-applicable units are required for the Associate Degree. Students must complete this coursework, in addition to 18 or more units in a defined major as listed in the catalog. Of the total units completed, 12 units must be at LMC, with a cumulative grade point average of 2.0 or higher. Completing the required courses in the boxes below will total between 32-45 units. Please see a counselor for assistance in selecting appropriate courses. Students choosing the transfer track option are strongly encouraged to see a counselor since four-year college requirements vary widely and are subject to change. Courses that double count are listed in both boxes. This document is subject to change. For updates contact the Counseling Center or www.losmedanos.edu

General Education Requirements

Communication/Critical Thinking 3 Units

Many of these courses will also satisfy the CSU requirement in Area A

COMPLETE ONE OF:

ENGL-220, 221, PHIL-041, JOURN-010, SPCH-038, SPCH-040

Biological or Physical Science 3-5 Units

Many of these courses will also satisfy the CSU requirement in Area B

COMPLETE ONE OF:

Biological: BIOSC-007, 010, 050

or

Physical: ASTRO-010, ENGIN-010, ENVSCI-010,
GEOG-015, GEOL-020, PHYS-015, PHYSC-005

Creative Arts/Humanities 6 Units

Many of these courses will also satisfy the CSU requirement in Area C

COMPLETE TWO COURSES: (ONE FROM CREATIVE ARTS AND ONE FROM HUMANITIES)

Creative Arts: ART-005, 006, 007, 008, 009
DRAMA-015, 016, 070, MUSIC-010, 012, 015

Humanities: PHIL-002*, 033, 040, 042, HUMAN-019, 020,
021, 022, 024, 030, 040, JOURN-035,
ENGL 003, 127, 128, 129, 133, 205, 230, 231

* or completion of Registered Nursing Program

Behavioral Science 3 Units

Many of these courses will also satisfy the CSU requirement in Area D

COMPLETE ONE COURSE:

ANTHR-005, 006, 007, CHDEV-010, PSYCH-010, 011, SOCIO-015, 016

Social Science/American Institutions & Ideals 6 Units

COMPLETE TWO COURSES: (ONE FROM GROUP A AND ONE FROM GROUP B)

Group A: POLSC-010, 020

Group B: ADJUS-120, ECON-005, 010, 011, HIST-029, 030,
031, 033, 034, 035, 036, 037, 038, 039, 040,
POLSC-033, 043, SOCSC-045

Transfer students should consult with an LMC Counselor regarding meeting the LMC and CSU American Institutions & Ideals requirements.

Graduation & Competency Requirements

Computer Literacy 1.5-4 Units

PASS PROFICIENCY EXAM

or

COMPLETE ONE OF:

BUS-018, 035, 065, 083, 087, COMSC-010, 040, 049, 060, 090, 091

Ethical Inquiry 3 Units

COMPLETE ONE OF:

ENGL-003, PHIL-002*

*or completion of Registered Nursing Program

Ethnic/Multicultural Studies 3 Units

COMPLETE ONE OF:

CHDEV-050, DRAMA-015, 030, ENGL-127, 128, 129, 133,
HIST-046, 047, 052, SOCSC-045

Health Education 3 Units

COMPLETE:

BIOSC-005

or

Registered Nursing, Vocational Nursing or Pass Health Science Exam**

** For information on Health Science exam, contact Sharon Wellbrook, ext. 3415.

Mathematics 3-4 Units

PASS PROFICIENCY EXAM

or

COMPLETE:

MATH-026 or higher

Physical Education 2 Units

COMPLETE TWO UNITS OF

Activity courses in Athletics, Fire or Physical Education
(Does not include lecture/theory courses)

Reading – Writing 3 Units

This course will also satisfy 3 units of the CSU requirement in Area A

COMPLETE:

ENGL-100

CSU: California State University 2010 – 2011

GENERAL EDUCATION - BREADTH REQUIREMENTS

Students choosing to transfer are **strongly encouraged to see an LMC Counselor** since four-year college requirements vary widely and are subject to change. Students must request that the CSU GE certification be sent to the four-year campus that they will be attending. Check the appropriate box on the "Transcript Request" form at Admissions and Records. Partial GE Certification is available.

Credit by Advanced Placement

LMC grants credit toward undergraduate degrees for successful completion of examinations of the Advanced Placement Program of the College Board. See page 10 of the college catalog for the policy for granting credit for specific scores and exams. Please check with the counseling department for up-to-date information. The current CSU GE list may be found at www.assist.org.

AREA A Communication in the English Language and Critical Thinking

A MINIMUM OF ONE COURSE IN AREAS A1, A2 AND A3.

A1	Oral Communication SPCH-040	(3 units)
A2	Written Communication ENGL-100	(3 units)
A3	Critical Thinking PHIL-041, ENGL-220, ENGL-221	(3 units)

Some CSU campuses also require English 230 to satisfy graduation requirements. Please consult with a counselor.

AREA B Physical Universe and Its Life Forms

A minimum of one course in areas B1, B2 and B4. At least one course in physical science or biological science must have a laboratory activity as outlined in B3.

B1	Physical Science ASTRO-010 CHEM-006, 007, 008, 025, 026, 028, 029 ENVSCI-010 GEOG-015 GEOL-020 PHYS-015, 035, 036, 040, 041, 042 PHYS-005	(3-6 units)
B2	Life Science BIOSC-007, 010, 020, 021, 040, 045, 050	(3-6 units)
B3	Laboratory Activity ASTRO-010 and 011 BIOSC-007, 010, 020, 021, 040, 045, 050 CHEM-006, 007, 008, 025, 026, 028, 029 ENVSCI-010 GEOG-015 GEOL-020 PHYS-015, 035, 036, 040, 041, 042	

B4	Mathematics/Quantitative Reasoning Satisfactory completion qualifies for exemption from the ELM examination requirements. MATH-031, 033, 034, 035, 037, 038, 040, 050, 060, 070, 075, 080	(3-4 units)
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AREA C Arts, Literature, Philosophy and Foreign Languages

A minimum of one course in C1 & C2 and one additional course in C1 or C2.

C1	Arts ART-005, 006, 007, 008, 009 DRAMA-015, 016, 070 HUMAN-040 MUSIC-010, 012, 015 SPAN-060	(3-6 units)
C2	Humanities CHIN-030, 040 DRAMA-030 ENGL-127, 128, 129, 132, 133, 200, 201, 202, 205, 230, 231 FILIP-060, 061 FRNCH-060, 061 HUMAN-003, 019, 020, 021, 022, 024, 030 ITAL-060, 061 PHIL-002, 033, 040, 042 POLSC-033 SPAN-049, 050, 051, 052, 053 SIGN-065, 066, 067	(3-6 units)

AREA D Social, Political, and Economic Institution and Behavior; Historical Background

No fewer than 9 units should be taken. Courses taken should be in at least two different disciplines listed below. Course(s) listed in more than one discipline will satisfy and be counted in only one discipline.

DISCIPLINE(S)	COURSE(S)
D1	Anthropology & Archeology ANTHR-005, 006, 007
D2	Economics ECON-010, 011
D3	Ethnic Studies HIST-046, 047, 049, 052 SOCSC-045
D4	Gender Studies PSYCH-014
D5	History ECON-005, HIST-029, 030, 031, 033, 034, 035, 036, 037, 038, 039, 040, 047
D6	Interdisciplinary Social or Behavioral Science JOURN-035, CHDEV-010, 020
D7	Political Science, Government & Legal Institutions ENGL-003, PHIL-033, POLSC-010, 020, 033, 040, 043
D8	Psychology PSYCH-010, 011, 014
D9	Sociology and Criminology SOCIO-015, 016

AREA E Lifelong Understanding and Self-Development

Minimum of one course, 3 units.

ANTHR-007, BIOSC-005, CHDEV-010, EDUC-010, PSYCH-012, 014

U.S. History, Constitution and American Ideals

One course from group A and one course from group B
These courses may double count in Area D

Group A: POLSC-010, POLSC-020 Group B: ECON-005, HIST-036, HIST-037

IGETC: Intersegmental General Education Transfer Curriculum 2010 – 2011

REQUIREMENTS FOR STUDENTS TRANSFERRING TO CSU OR UC

Students choosing to transfer are **strongly encouraged to see an LMC Counselor** since four-year college requirements vary widely and are subject to change.

Although courses may be listed in more than one area, they may be used to satisfy the requirement in only one area.

Students must request that the IGETC certification be sent to the four-year campus that they will be attending. Check the appropriate box on the "Transcript Request" form at Admissions and Records.

Credit by Advanced Placement

LMC grants credit toward undergraduate degrees for successful completion of examinations of the Advanced Placement Program of the College Board. See page 10 of the college catalog for the policy for granting credit for specific scores and exams.

AREA 1 English Composition

CSU: Three courses required: One course from 1A, 1B and 1C.

UC: Two courses required: One course from 1A and 1B.

1A **English Composition:** ENGL-100

1B **Critical Thinking – English Composition:** ENGL-220, 221

1C **Oral Communication (CSU only):** SPCH-040

AREA 2 Mathematical Concepts and Quantitative Reasoning

One course required (3 semester units minimum).

MATH-034, 035, 037, 038, 040, 050, 060, 070, 075, 080

Math 037 and 050 combined: credit for one course only.

Math 034 and 038 combined: credit for one course only.

AREA 3 Arts & Humanities

At least 3 courses, with at least one course from the Arts and one course from the Humanities. (9 semester units.)

3A **Arts:** ART-005, 006, 007, 008

DRAMA-015, 016, 070, HUMAN-040, MUSIC-010, 015

3B **Humanities:** DRAMA-030, ENGL-127, 128, 129,

132, 133, 200, 201, 202, 205, 231

HUMAN-019, 020, 021, 022, 024, 030

MUSIC-012, PHIL-002, 033, 040, 042,

POLSC-033, SPAN-051, 052, 053

ENGL-127, ENGL-133, MUSIC-012 satisfies American Cultures Requirement, UC Berkeley.

Please check with the counseling department for up-to-date information.

The current list of all CSU and UC transferable courses may found at www.assist.org.

AREA 4 Social & Behavioral Sciences

At least 3 courses from at least 2 disciplines. (9 semester units).

4A **Anthropology and Archaeology:** ANTHR-005, 006, 007

4B **Economics:** ECON-010, 011

4C **Ethnic Studies:** HIST-046, SOCSC-045

4D **Gender Studies:** PSYCH-014

4F **History:** ECON-005, HIST-031, 034, 035, 036, 037, 038, 049

4G **Interdisciplinary, Social and Behavioral Sciences:** CHDEV-010, HIST-047, 048, 052, JOURN-035, POLSC-043

4H **Political Science, Government and Legal Institutions:** ENGL-003, PHIL-033, POLSC-010, 020, 033

4I **Psychology:** PSYCH-010, 011, 014

4J **Sociology and Criminology:** SOCIO-015, 016

AREA 5 Physical & Biological Sciences

At least 2 courses, one Physical Science course and one Biological Science course; at least one must include a laboratory. (7-9 semester units.)

5A **Physical Science:** ASTRO-010, 011, CHEM-006, 008, 025, 026, 028, 029, ENVSCI-010, GEOG-015, GEOL-020, PHYS-015, 035, 036, 040, 041, 042, PHYS-005

5B **Biological Science:** BIOSC-007, 010, 020, 021, 040, 045, 050

All science courses listed above include lab activity, except for: PHYS-005 and ASTRO-010. ASTRO-011 may be completed along with ASTRO-010 for lab activity credit.

No credit for BIOSC-010 if taken after BIOSC-020.

No credit for CHEM-006 if taken after CHEM-025.

No credit for PHYS-015 if taken after PHYS-035.

No credit for PHYS-005 if taken after college level course in Astronomy, Chemistry, Geology or Physics.

AREA 6 Languages Other Than English

UC Requirement only. Proficiency equivalent to two years of high school study in the same language. One Course (3-5 semester units)

CHIN-030, 040; FILIP-060; FRNCH-060, 061; ITAL-060, 061;

SIGN-065, 066, 067; SPAN-050, 051

U.S. History, Constitution & American Ideals

CSU Requirement only. Two courses (6 semester units). One course from Group A and one course from Group B.

Courses used to satisfy this requirement may be double counted in Area 4.

Group A: POLSC-010, 020

Group B: ECON-005, HIST-036, HIST-037

Online classes at LMC...

Anywhere... Anytime!

Online classes

www.losmedanos.edu/onlineclasses

LMC now offers over 60 different courses online!

New to online classes? Not that experienced with computers and the Internet?

We highly recommend going through these three steps by going to

www.losmedanos.edu/onlineclasses:

1.

1. Are you ready for an online class?

Take a quiz to see if an online course fits your needs

Check to make sure you have the computer skills you'll need to succeed

2. Is your computer ready?

Make sure your computer and Internet connection are up to speed

3. Find online classes

Search for just online classes – find out more about each class, including contact info for the instructor and textbook info for most courses

4. Get started

Use the step-by-step instructions for accessing your online classroom
Find all of this and more at:
(www.losmedanos.edu/onlineclasses)

2.

Some things to know about online classes at LMC

1. Get to your online classroom at (www.losmedanos.edu/onlineclasses)
2. Your username and initial password are the same as for Web Advisor
3. Online courses begin the first day of class. Your online classroom will not be accessible before that date

4. Check to see if the instructor for your class has any special instructions or information by going to www.losmedanos.edu/onlineclasses and using the drop down menu to find out more (example: select English to see all online English courses, then scroll down to read more about your specific class).

3.

Still have questions?

Many of your answers can be found at (www.losmedanos.edu/onlineclasses)

1. Step-by-step instructions for accessing your online classroom
2. Answers to frequently asked questions and a glossary
3. A troubleshooting guide

4. If you have general questions about Los Medanos College email us at lmquestions@losmedanos.edu. For questions about a specific course, contact the instructor by using the appropriate email address on the opposite page.

Spring 2011 Online Courses

Course	Title	Section	Dates	Instructor	Instructor's Email
BUS-035A	Microsoft Word	7901	3/21-5/27	Pearman, E	bpearman@losmedanos.edu
BUS-035B	Microsoft Excel	7902	3/24-5/26	Adkins, T	theadkins@yahoo.com
BUS-035C	Microsoft Powerpoint	7903	1/25-3/25	Pearman, E	bpearman@losmedanos.edu
BUS-051	Computer Keyboarding	0104	1/24-3/25	Lundahl, J	jeanne@lumenetics.com
BUS-051	Computer Keyboarding	0106	3/28-5/27	Lundahl, J	jeanne@lumenetics.com
BUS-051	Computer Keyboarding	6883	3/28-5/27	Lundahl, J	jeanne@lumenetics.com
BUS-055	Typing Speed/Accuracy Development	0105	1/24-3/25	Lundahl, J	jeanne@lumenetics.com
BUS-055	Typing Speed/Accuracy Development	0107	3/28-5/27	Lundahl, J	jeanne@lumenetics.com
BUS-055	Typing Speed/Accuracy Development	6889	3/28-5/27	Lundahl, J	jeanne@lumenetics.com
BUS-080	Ten-Key / Data Entry Skills	3360	2/7-3/18	Aliotti, R	raliotti@losmedanos.edu
COMSC-010	Introduction to Computer Networking	7119	1/24-3/25	Smith, C	csmith@losmedanos.edu
COMSC-012	Introduction to Network Security	7124	3/21-5/27	Smith, C	csmith@losmedanos.edu
COMSC-037	Customer Technical Support Help Desk	6941	Semester	Jones, S	sajones@losmedanos.edu
COMSC-040	Introduction to Computers	6923	Semester	McKnight, D	dmcknight@losmedanos.edu
COMSC-040	Introduction to Computers	6927	Semester	Stanton, K	kstanton@losmedanos.edu
COMSC-040	Introduction to Computers	6959	Semester	Figliulo, M	mfigliulo@losmedanos.edu
COMSC-049	Computer Literacy	6932	1/24-3/25	Figliulo, M	mfigliulo@losmedanos.edu
COMSC-049	Computer Literacy	6936	3/28-5/27	Frates, J	jfrates@losmedanos.edu
COMSC-049	Computer Literacy	6955	1/24-3/25	Frates, J	jfrates@losmedanos.edu
DRAMA-015	Principles of Dramatic Art: A Multicultural Perspective	0074	1/31-5/20	Perry, J	jperryfolino95@earthlink.net
DRAMA-030	Chicano Cinema: A Critical Analysis	0077	2/22-5/20	Perry, J	jperryfolino95@earthlink.net
DRAMA-070	Film as an International Art Form	0061	Semester	Perry, J	jperryfolino95@earthlink.net
DRAMA-070	Film as an International Art Form	0298	2/22-5/20	Perry, J	jperryfolino95@earthlink.net
ENGL-100	College Composition	0286	Semester	Mitchell, J	jmitchell@losmedanos.edu
ENGL-100	College Composition	1169	Semester	Hiltbrand, J	hiltbrand10@gmail.com
ENGL-132	Literature of Imagination: Myths, Tales, Short Story, & the Novel	0145	Semester	Perry, J	jperryfolino95@earthlink.net
ENGL-205	California Literature	0288	Semester	Nakaji, K	.knakaji@losmedanos.edu
ENGL-230	Thinking and Writing Critically about Literature	1195	Semester	Perry, J	jperryfolino95@earthlink.net
HIST-036	U.S. History: Origins to Civil War	2680	Semester	Medellin, K	kmedellin@losmedanos.edu
HIST-037	U.S. History: Civil War to Present Era	0183	Semester	Medellin, K	kmedellin@losmedanos.edu
HUMAN-040	Opera: The Human Experience in Music, Voice and Drama	2166	3/21-5/27	Flynn, R	rflynn@losmedanos.edu
JOURN-015A	Media Writing Practicum I	7280	Semester	McGrath, C	cmcgrath@losmedanos.edu
JOURN-015B	Media Writing Practicum II	7281	Semester	McGrath, C	cmcgrath@losmedanos.edu
JOURN-015C	Media Writing Practicum III	3288	Semester	McGrath, C	cmcgrath@losmedanos.edu
LIBST-014	Library Research and Information Literacy Skills	6850	Semester	Goff, C	cgoff@losmedanos.edu
MUSIC-012	Popular Musics in American Culture	1230	Semester	Zilber, M	music12sp11@yahoo.com
MUSIC-012	Popular Musics in American Culture	1721	Semester	Zilber, M	music12sp11@yahoo.com
POLSC-010	Introduction to American Government: Institutions and Ideals	0086	Semester	Nelson, T	
PTEC-004	Process Technology (PTEC) Career Exploration	0310	Semester	Cruz, W	wcruz@losmedanos.edu
SPAN-080	Elementary Spanish Grammar	0289	Semester	Huffman, L	lhuffman@losmedanos.edu
SPAN-080	Elementary Spanish Grammar	0633	Semester	Huffman, L	lhuffman@losmedanos.edu
SPAN-081	Elementary Spanish Grammar II	0295	Semester	Huffman, L	lhuffman@losmedanos.edu
SPAN-081	Elementary Spanish Grammar II	6662	Semester	Huffman, L	lhuffman@losmedanos.edu
SPAN-082	Elementary Spanish Grammar III	0299	Semester	Huffman, L	lhuffman@losmedanos.edu
SPAN-082	Elementary Spanish Grammar III	0634	Semester	Huffman, L	lhuffman@losmedanos.edu

Spring 2011 Online Courses (continued)

Course	Title	Section	Dates	Instructor	Instructor's Email
TRAVL-072	Introduction to Travel	7044	Semester	Wilson, D	dwilson@losmedanos.edu
TRAVL-075	Western Europe Destination Specialist.	0083	Semester	McGill, C	cmcgill@losmedanos.edu
TRAVL-077	Customized Vacation Planning	2478	1/24-4/15	McGill, C	cmcgill@losmedanos.edu
TRAVL-095	Advanced Travel Concepts	0095	Semester	Wilson, D	dwilson@losmedanos.edu
TRAVL-096	Alaska Destination Specialist.	0093	3/21-5/27	McGill, C	cmcgill@losmedanos.edu
TRAVL-103	Marketing and Promoting a Home-Based Travel Business . .	0100	3/7-3/25	McGill, C	cmcgill@losmedanos.edu
TRAVL-104	Resources for the Home-Based Travel Professional.	0096	3/28-4/15	McGill, C	cmcgill@losmedanos.edu

Final Exam Schedule

Monday – Friday

Final examination week at Los Medanos College is Monday, May 23, through Friday, May 27. (Make-up finals will be scheduled on Friday only with advanced instructor consent.) In order to determine the scheduled final examination time for a particular day class, locate the day and class meeting time on the top chart and note the letter in the time slot.

Next, locate the letter representing the time block for your regularly scheduled class on the bottom schedule, which will tell you on what day and what time will take the final for that class.

For example, if you have a class MWF 10-11 a.m., the letter that corresponds to this class is "C" on the top chart.

By locating "C" on the bottom chart, you will find that your scheduled final exam time for the class is Monday, May 23 from 10 a.m. to noon.

If your class was TTh 11-12:30, the letter on the top chart would be "L". By locating "L" on the lower chart you will find that the final will be on Thursday, May 26, 10 a.m. to noon.

For any course that crosses more than one block, use the block that contains the majority of the class time. For example, if your class meets TTh from 8 to 10 a.m., use "J". If your class meets TTh 1:30-3 p.m., use "N".

Evening and Weekend Classes

Weekday evening final examinations begin Monday, May 23, and end Thursday evening, May 26, during the regularly scheduled class time. (Evening classes are defined as those that begin at 4 p.m. or thereafter.) The final exam time for Saturday classes is the last regularly scheduled meeting time, May 21.

Spring 2011 Day Class Schedule									
	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm
MON	A	B	C	D	E	F	G	H	
TUE	J	K	L	M	N	O			
WED	A	B	C	D	E	F	G	H	
THU	J	K	L	M	N	O			
FRI	A	B	C	D	E	F	G	H	

Day Time Final Exam Schedule

DATE	8-10am	10am-noon	noon-2pm	2-4pm
Monday May 23	A	C	E	G
Tuesday May 24	J	K	M	N
Wednesday May 25	B	D	F	H
Thursday May 26	J	L	M	O
Friday May 27	make-ups (only with advance instructor approval)			

Los Medanos College is a no-smoking facility.
Smoking is prohibited in all college buildings and adjacent areas.

Brentwood Center

BRENTWOOD CENTER OFFICE HOURS

Spring Semester

Monday - Thursday, 8:30am - 7:00pm
Fridays, 8:30am - 3:00 pm
Saturdays, 9:00am - 12:00pm

Note that the Office closes at 5:00pm
weekdays when classes are
not in session.

Address

101A Sand Creek Road
Brentwood, California
(925) 513-1625
www.losmedanos.edu/brentwood
(see map page 111)

For a complete list of
course offerings, check the
LMC Brentwood website:
www.losmedanos.edu/brentwood

Weekend Courses

Friday AM

ECON-111 Principles of Macroeconomics
HIST-035 Modern World History
HUMAN-021 Modern Humanities
NUTRI-055 Introduction to Nutrition
PSYCH-014 Human Sexuality

Saturday AM

MATH-026 Plane Geometry
PSYCH-010 Psychology: Individual
and Social Processes

Student Services

- ☑ Admissions/Records
- ☑ Assessment Testing
M - Th 8:30am - 5:00pm
Fri 8:30am - 1:00pm
Sat by appt.
- ☑ Counseling
CSU East Bay and UC Davis Advising
- ☑ DSPS Counseling
- ☑ Financial aid
- ☑ Math lab
- ☑ Reading & Writing Consultants
- ☑ Tutoring

Counseling Courses:

COUNS-030 Orientation To College
COUNS-033 Transfer Planning

Student Club- Rotaract for Young Adults

Sponsored by the Brentwood
Rotary International

Math Club-

Sponsored by the Math Division

Course Offerings

- ☑ General education transfer courses
- ☑ Associate degrees
- ☑ Math—basics through Calculus
- ☑ English—ESL through composition
- ☑ Computer courses
- ☑ Introductory occupational courses
 - ☐ Administration of Justice
 - ☐ Business
 - ☐ Child Development
 - ☐ Fire Technology
- ☑ Spanish conversational & transfer

*A complete listing of courses offered at the Brentwood Center can be found on pages 22-23
For a full class description see class listings.*

Brentwood Center Courses: Spring Semester

Course	Section	Title	Days	Times	Room	Dates
ADJUS-120	2193	Introduction to the Criminal Justice System	TH	4:00-6:50pm	BRT-12	Semester
ADJUS-120	2733	Introduction to the Criminal Justice System	T	7:00-9:50pm	BRT-12	Semester
ANTHR-005	0401	General Anthropology	MW	10:30-11:50am	BRT-11	Semester
ANTHR-006	0469	Cultural Anthropology	MW	9:00-10:20am	BRT-11	Semester
ANTHR-006	2171	Cultural Anthropology	TH	4:00-6:50pm	BRT-5	Semester
ANTHR-007	0004	Culture Change and Globalization	M	7:00-9:50pm	BRT-6	Semester
ASTRO-010	7894	Introduction to Astronomy	W	7:00-9:50pm	BRT-6	Semester
BIOSC-005	0521	Health Biology	T	8:00-10:20am	BRT-12	Semester
			TH	8:00-9:20am		
BIOSC-005	3019	Health Biology	W	3:00-6:50pm	BRT-5	Semester
BIOSC-010	3000	General Biology	TTH	4:30-6:50pm	BRT-6	Semester
			TH	7:00-8:50pm	BRT-3	
BUS-086	2074	Medical Terminology	M	7:00-9:50pm	BRT-9	Semester
BUS-109	6870	Introduction to Business	W	7:00-9:50pm	BRT-12	Semester
CHDEV-001	0133	Introduction to the Study of Early Childhood Education	T	4:00-6:50pm	BRT-3	Semester
CHDEV-020	2714	Child, Family and Community	W	4:00-6:50pm	BRT-11	Semester
CHDEV-062	0362	Curriculum Foundations for the Young Child	T	7:00-9:50pm	BRT-3	Semester
COMSC-030	6992	Web Site Development-Part I	T	7:00-9:50pm	BRT-9	Short Course
COMSC-031	2495	Web Site Development - Part II	T	6:40-9:50pm	BRT-9	Short Course
COMSC-032	6931	Web Site Development- Dreamweaver/Flash	TH	7:00-9:50pm	BRT-9	Semester
COMSC-040	6926	Introduction to Computers	M	7:00-9:50pm	BRT-10	Semester
COUNS-030	0450	Orientation to College	MW	4:00-6:50pm	BRT-14	Short Course
COUNS-030	0453	Orientation to College	MT	7:00-9:50pm	BRT-4	Short Course
			W	7:00-9:50pm	BRT-1	
			TTH	9:00-11:50am	BRT-14	Short Course
COUNS-033	0446	Transfer Planning				
DRAMA-015	0351	Multicultural Perspectives within Theatre	W	11:00-1:50pm	BRT-12	Semester
DRAMA-016	0309	Theatre Appreciation: from Greek Myth through Shakespeare to Def Jam	M	2:00-4:50pm	BRT-12	Semester
DRAMA-020	0353	Principles of Acting I	W	3:30-6:50pm	BRT-3	Semester
DRAMA-030	0075	Chicano/a Mexican American Cinema: A Critical Analysis	TH	12:00-2:50pm	BRT-16	Semester
ECON-011	0186	Principles of Macroeconomics	F	9:00-11:50am	BRT-8	Semester
ENGL-070	0114	Fundamentals of English: Reading, Writing and Thinking	MWF	8:00-9:50am	BRT-14	Semester
ENGL-070	0111	Fundamentals of English: Reading, Writing and Thinking	TTH	9:00-11:50am	BRT-2	Semester
ENGL-070	0284	Fundamentals of English: Reading, Writing and Thinking	MWF	10:00-11:50am	BRT-1	Semester
ENGL-070	7224	Fundamentals of English: Reading, Writing and Thinking	MW	7:00-9:50pm	BRT-11	Semester
ENGL-070	7225	Fundamentals of English: Reading, Writing and Thinking	TTH	7:00-9:50pm	BRT-5	Semester
ENGL-090	0513	Integrated Reading, Writing and Critical Thinking	MWF	9:00-10:50am	BRT-2	Semester
ENGL-090	0035	Integrated Reading, Writing and Critical Thinking	TTH	9:30-12:20pm	BRT-11	Semester
ENGL-090	1240	Integrated Reading, Writing and Critical Thinking	MWF	11:00-12:50pm	BRT-2	Semester
ENGL-090	0285	Integrated Reading, Writing and Critical Thinking	TTH	11:00-1:50pm	BRT-1	Semester
ENGL-090	0229	Integrated Reading, Writing and Critical Thinking	MW	4:00-6:50pm	BRT-2	Semester
ENGL-090	7238	Integrated Reading, Writing and Critical Thinking	MW	7:00-9:50pm	BRT-14	Semester
ENGL-090	7237	Integrated Reading, Writing and Critical Thinking	TTH	7:00-9:50pm	BRT-14	Semester
ENGL-100	0017	College Composition	MWF	9:00-9:50am	BRT-1	Semester
ENGL-100	1171	College Composition	TTH	9:30-10:50am	BRT-10	Semester
ENGL-100	0175	College Composition	TTH	11:00-12:20pm	BRT-12	Semester
ENGL-100	0505	College Composition	TH	4:00-6:50pm	BRT-2	Semester
ENGL-100	0028	College Composition	MW	5:30-6:50pm	BRT-1	Semester
ENGL-100	7198	College Composition	M	7:00-9:50pm	BRT-1	Semester
ENGL-221	0098	Advanced Composition and Critical Thinking	T	4:00-6:50pm	BRT-2	Semester
ENGL-221	0604	Advanced Composition and Critical Thinking	T	7:00-9:50pm	BRT-11	Semester
ENGL-230	0602	Thinking and Writing Critically about Literature	T	7:00-9:50pm	BRT-2	Semester
ESL-012	0509	Vocabulary and Reading II	T	6:00-9:50pm	BRT-1	Semester
ESL-033	0507	Intermediate Oral Skills	W	6:00-9:50pm	BRT-16	Semester
FIRE-101	3675	Fire Protection Organization	W	4:00-6:50pm	BRT-6	Semester
FIRE-102	0525	Fire Behavior and Combustion	TH	4:00-6:50pm	BRT-16	Semester
FIRE-104	8939	Building Construction Related to the Fire Service	W	7:00-9:50pm	BRT-3	Semester
HIST-034	0048	Our Western Inheritance in Global Perspective: Ancient World History	TTH	11:00-12:20pm	BRT-4	Semester
HIST-035	7137	Western Inheritance in Global Perspective: Modern World History	F	9:00-11:50am	BRT-4	Semester
HIST-035	7140	Western Inheritance in Global Perspective: Modern World History	T	4:00-6:50pm	BRT-4	Semester
HIST-037	0708	U.S. History: Civil War to Present Era	W	7:00-9:50pm	BRT-4	Semester
HUMAN-021	0157	Modern Humanities	F	9:00-11:50am	BRT-16	Semester
JOURN-035	7287	Mass Communication	M	7:00-9:50pm	BRT-8	Semester
MATH-004	1463	Basic Math and Study Skills	MW	9:00-11:50am	BRT-7	Semester
MATH-012	6988	Prealgebra	MW	9:00-10:50am	BRT-8	Semester
MATH-012	0470	Prealgebra	TTH	9:00-10:50am	BRT-8	Semester

Brentwood Center Courses: Spring Semester

Course	Section	Title	Days	Times	Room	Dates
MATH-012	0475	Prealgebra	MW	11:00-12:50pm	BRT-5	Semester
MATH-012	0480	Prealgebra	TTH	7:00-8:50pm	BRT-7	Semester
MATH-025	0377	Elementary Algebra	MW	8:30-10:50am	BRT-5	Semester
MATH-025	0422	Elementary Algebra	TTH	9:30-11:50am	BRT-7	Semester
MATH-025	0380	Elementary Algebra	MW	12:00-2:20pm	BRT-14	Semester
MATH-025	0378	Elementary Algebra	TTH	12:30-2:50pm	BRT-5	Semester
MATH-025	0379	Elementary Algebra	TTH	7:00-9:20pm	BRT-10	Semester
MATH-026	7387	Plane Geometry	S	9:00-11:50am	BRT-5	Semester
MATH-030	1573	Intermediate Algebra	MW	9:00-10:50am	BRT-10	Semester
MATH-030	2698	Intermediate Algebra	TTH	9:00-10:50am	BRT-5	Semester
MATH-030	0471	Intermediate Algebra	MW	11:00-12:50pm	BRT-10	Semester
MATH-030	0481	Intermediate Algebra	TTH	11:00-12:50pm	BRT-6	Semester
MATH-030	0477	Intermediate Algebra	MW	12:30-2:20pm	BRT-7	Semester
MATH-030	0492	Intermediate Algebra	TTH	1:00-2:50pm	BRT-2	Semester
MATH-030	0472	Intermediate Algebra	TTH	5:00-6:50pm	BRT-7	Semester
MATH-034	0474	Introduction to Statistics	MW	9:00-10:50am	BRT-6	Semester
MATH-034	1582	Introduction to Statistics	TTH	9:00-10:50am	BRT-6	Semester
MATH-034	0493	Introduction to Statistics	MW	11:00-12:50pm	BRT-6	Semester
MATH-034	0425	Introduction to Statistics	TTH	11:00-12:50pm	BRT-10	Semester
MATH-034	7410	Introduction to Statistics	MW	1:00-2:50pm	BRT-5	Semester
MATH-034	0473	Introduction to Statistics	TTH	1:00-2:50pm	BRT-12	Semester
MATH-034	7409	Introduction to Statistics	MW	7:00-8:50pm	BRT-7	Semester
MATH-040	0081	Precalculus	TTH	4:00-5:50pm	BRT-11	Semester
MATH-050	0399	Calculus and Analytic Geometry	TTH	12:30-2:20pm	BRT-8	Semester
MATH-060	0190	Calculus and Analytic Geometry	TTH	1:00-2:50pm	BRT-6	Semester
MATH-070	0494	Calculus and Analytic Geometry	TTH	1:00-2:50pm	BRT-7	Semester
NUTRI-055	7312	Introduction to Nutrition	F	9:00-11:50am	BRT-6	Semester
PHIL-002	2220	Contemporary Ethical Issues	MW	10:00-11:20am	BRT-4	Semester
PHIL-002	2212	Contemporary Ethical Issues	T	7:00-9:50pm	BRT-16	Semester
PHIL-042	2204	Comparative Religion	TH	7:00-9:50pm	BRT-6	Semester
PHYS-005	7895	General Physical Science	TH	3:00-6:50pm	BRT-10	Semester
POLSC-010	0203	Introduction to American Government: Institutions and Ideals	TTH	1:30-2:50pm	BRT-3	Semester
POLSC-010	0211	Introduction to American Government: Institutions and Ideals	W	2:00-4:50pm	BRT-8	Semester
POLSC-010	0204	Introduction to American Government: Institutions and Ideals	T	7:00-9:50pm	BRT-6	Semester
PSYCH-010	6980	Individual and Social Processes	S	9:00-11:50am	BRT-6	Semester
PSYCH-010	2245	Individual and Social Processes	M	7:00-9:50pm	BRT-16	Semester
PSYCH-011	0012	General Psychology	MW	11:00-12:20pm	BRT-8	Semester
PSYCH-011	2246	General Psychology	MW	12:30-1:50pm	BRT-8	Semester
PSYCH-012	6989	Family Crisis and Growth	W	4:00-6:50pm	BRT-12	Semester
PSYCH-014	2789	Psychology of Human Sexuality	F	9:00-11:50am	BRT-12	Semester
RNURS-001	7529	Nursing Career Seminar	M	9:00-3:20pm	BRT-9	Short Course
SPAN-042	0433	Spanish for Health Services III	TH	7:00-9:50pm	BRT-1	Short Course
SIGN-065	3758	American Sign Language I	TH	4:00-6:50pm	BRT-8	Semester
SIGN-065	6900	American Sign Language I	M	7:00-9:50pm	BRT-12	Semester
SIGN-066	0348	American Sign Language II	T	7:00-9:50pm	BRT-8	Semester
SOCIO-016	2538	Introduction to Social Problems	T	4:00-6:50pm	BRT-5	Semester
SPAN-042	0433	Spanish for Health Services III	TH	7:00-9:50pm	BRT-1	Short Course
SPAN-044	0424	Conversational Spanish I	M	4:00-6:50pm	BRT-11	Semester
SPAN-050	3307	Elementary Spanish I	MW	10:00-12:20pm	BRT-16	Semester
SPAN-050	0635	Elementary Spanish I	M	7:00-9:50pm	BRT-3	Semester
SPAN-051	0343	Elementary Spanish II	MW	7:00-9:20pm	BRT-2	Semester
SPCH-040	3142	Oral Communication	MW	10:00-11:50am	BRT-3	Semester
SPCH-040	7271	Oral Communication	W	1:00-4:50pm	BRT-16	Semester
SPCH-040	3141	Oral Communication	W	6:00-9:50pm	BRT-8	Semester

Matriculation Regulations

Student Responsibilities

under Title 5 Matriculation Regulations

Students participating in the matriculation process at Los Medanos College are expected to fulfill the following responsibilities, as part of the State of California Title 5 Matriculation Regulations, section 55530 (d).

- 1. Educational goal.** All students must state a broad educational goal upon admission to the college, and a specific educational goal no later than upon completion of 12 units of course work.
- 2. Educational plan.** All new students are expected to complete a first-semester individual educational plan with the assistance of a counselor prior to registering for classes. This is done in “New Student Workshops.”
- 3. Counseling.** All students are expected to schedule an appointment with a counselor at least once each semester or as needed, to review, update and expand the educational plan.

The following students are strongly encouraged to participate in counseling prior to enrollment for the next semester:

- a. Those on academic or progress dismissal.
 - b. Those enrolled in developmental courses, such as English 70, Math 1 or Math
- 4. Attendance/completion of classes.** All students are expected to attend their classes regularly, complete assigned coursework on time, and complete their courses each semester. Students are expected to maintain regular progress towards their educational goal.

Failure of a student to fulfill the responsibilities listed above may result in the suspension or termination of college services as listed in section 55520 of the Matriculation Regulations, except for services required under other provisions of law.

Student Rights

under Title 5 Matriculation Regulations

Los Medanos College students are guaranteed the following rights under the State of California Title 5 Matriculation Regulations (California Code Regulations, Sections 55520-55534.)

- 1. Assessment:** Students are allowed to submit scores from assessment tests taken at another college within the last two years in lieu of taking the assessments at LMC, if the assessment instrument is state-approved and correlation with LMC courses can be established. These scores should be submitted to the Assessment Center, Room 121 or the Information Center. (Section 55530 (c).)
- 2. Prerequisites:** Prerequisite challenges will be considered up to one week after the beginning of instruction in semester length courses; or the last day to add a short-term class. A student may challenge a course prerequisite on the following grounds:
 - a. The prerequisite course is not available. (Section 55534 (a).)
 - b. The prerequisite course is discriminatory or is being applied in a discriminatory manner. (Section 55534 (b), section 58106 (d).)
 - c. The prerequisite is not valid because it is not necessary to succeed in the course for which it is required. (Section 58106 (d).)
 - d. The student has the knowledge or ability to succeed in the course without taking the prerequisite. (Section 58106 (d).)
 - e. The basis upon which the college has established an enrollment limit does not, in fact exist.
- 3. Complaints:** A student may file a complaint if he/she believes LMC has failed to make a good faith effort to develop an educational plan or provide specified services once the student has declared a specific educational goal. (Section 55525 (d).)

Waivers, Appeals & Complaints

Students who wish to request waivers, or file appeals or complaints on the basis of their Title 5 Matriculation Rights must follow the sequence of steps outlined, below:

(Students filing other types of complaints or alleging discriminatory practices should follow the procedures listed in the college catalog under “Student Rights and Responsibilities—Grievance Process” or “Admission and Course Enrollment—Equal Opportunity Policy.”)

A. Initial Review of Waiver Appeal or Complaint

- 1) The student should contact the Dean of Student Development and complete an “Appeal or Request for Waiver” form or file a complaint regarding matriculation rights. The completed form should be turned in to the Dean of Student Development, or to campus mailbox 34.
- 2) The Dean of Student Development will contact the student and schedule a meeting to discuss the problem and/or inform the student of the decision.
3. In the event that the appeal or request for waiver is not granted, the student will be advised of his/her rights to further appeal and the correct procedures to follow.

B. Appeal to the Senior Dean

1. If the initial appeal or request for waiver is not granted and the student does not accept this decision, the student may next submit the initial form to the Senior Dean of the appropriate area for further review.
2. The Senior Dean will review the appeal or request for waiver and will meet with the student and/or inform the student of his or her decision concerning the matter.
3. In the event the appeal or request for waiver is not granted by the Senior Dean, the student will be advised of his/her further right to further appeal and the correct procedures to follow.

C. Appeal to the President

1. If the student does not accept the dean’s decision, the student may then submit the appeal or request for waiver to the college president.
2. The President will review the appeal and will meet with the student and/or inform the student of the final decision concerning the appeal or request for waiver.

Academic Scholarship Standards

Attendance

Students are expected to be punctual and attend all courses in which they are enrolled. Students may be dropped by the instructor for failure to attend class in the following circumstances:

1. Failure to attend first class meeting.
2. Absence from three consecutive weeks of instruction.
3. At any point when it is concluded that absences have irretrievably affected the student's progress in his/her coursework.

Grades should not be used as punishment for absences. However, academic grades may be lowered to the degree that instructors can estimate the loss of cognitive, affective, or skills learning due to student absences.

Grading

The evaluation in college-level courses is a prime responsibility of the instructor. Such evaluation involves the measurements of achievement against the objectives of the course and the assignment of a letter grade to denote the student's degree of success.

The grade, as submitted by the instructor, shall be considered final and permanent. Grades cannot be changed by submitting additional course work or taking examinations after the semester (or term) is completed. Under state law, the instructor's determination is final unless the grade given was the result of 1) mistake, 2) fraud, 3) bad faith, or 4) incompetency. (Ed. Code Section 76224.)

No grade may be challenged more than one year after the end of the session in which the grade was assigned. For information on the policy regarding grade challenges, contact the Student Affairs Center, Room 800A, ext.3266.

Final Grades

Final grades can be accessed at the end of instruction, immediately following instructor grade entry on-line.

Students can learn about their final

grades by: 1) calling the touch tone phone registration system at **925-370-9000** OR 2) going into WebAdvisor via the LMC web site at **www.losmedanos.edu**.

Evaluative Symbols Grading Scale

Symbol & Definition	Grade Points
A Excellent	4
B Good	3
C Satisfactory	2
D Passing, less than satisfactory.	1
F Failing.	0
P Pass (at least satisfactory—C or better—units awarded not counted in GPA)	
NP No Pass (less than satisfactory or failing—units not counted in GPA)	
W Indicates withdrawal from a course within the allowed time	
I Incomplete—Academic work that is incomplete for unforeseeable emergency and justifiable reasons at the end of a term; student must be passing course to be eligible for incomplete. Student will not re-enroll in the course to complete pending assignments, projects or exams. A final grade is assigned when the work has been completed or after one year, unless a petition for time extension has been approved by the Director of Admissions and Records and the instructor.	

Pass/No Pass Grade Option:

The purpose of the Pass/No Pass (P/NP) option is to allow students to take challenging courses while avoiding undue concern for their grade point averages. Students who select this option are, however, expected to complete the course, comply with attendance requirements, and comply with all other requirements of the course.

Selected courses have been labeled with "SC" to indicate student choice for the P/NP option. If students do not choose the P/NP option before the deadline, they will be issued a letter grade for the course. It is often best to discuss this choice with a counselor.

In order to exercise this option, a petition must be filed with the Admissions and Records Office at the time of registration or no later than the deadline listed for a full-semester class. Petitions for summer session and short-term courses must be filed within the first thirty percent of the course. **After the deadline has passed, the grading choice may not be reversed.**

Important information related to the P/NP option:

- A P grade represents a letter grade of A, B, or C
- A NP grade represents a letter grade of D or F
- Units earned on a P/NP basis will not be used to calculate grade point averages
- Units attempted for which NP is recorded will be considered in factoring probation and dismissal status
- Units earned on a P/NP basis will apply to the 60 units required for an associate degree
- Students should be aware that other colleges and universities may or may not limit the number of P units that will be accepted from transfer students.

Probation & Dismissal

Probation and dismissal status is based on coursework that is attempted and completed within the Contra Costa Community College District. Students should be aware that their academic standing is not based solely on LMC units.

Academic Probation: Cumulative GPA under 2.0 with 12 or more cumulative units attempted.

Removal from Academic Probation: Cumulative GPA 2.0 or better.

Academic Dismissal Status: Three consecutive semesters of Academic Probation unless most recent semester GPA is 2.0 or higher.

Progress Probation: With 12 or more cumulative units completed, 50 percent or more are W, I, and/or NP.

Removal from Progress Probation: Cumulative units completed are more than 50 percent of cumulative units attempted.

Progress Dismissal Status: Three consecutive semesters of Progress Probation unless most recent semester student completes 50 percent or more of attempted units.

Notification of Probation and Dismissal

Students on probation or dismissal are notified as soon as possible but not later than the end of the following term.

If you are on academic or progress dismissal, you must see a counselor prior to registering.

Reinstatement for Academic or Progress Dismissal

A student may appeal his/her dismissal status by making an appointment to see a counselor prior to the deadline date that is stated in the letter of notification. The Dean of Student Services will review all appeals for possible reinstatement. If reinstated, a student is subject to continued probation and dismissal policies.

Course Repetition

Courses are not repeatable unless noted within the course descriptions listed in the catalog. Students may repeat a non-repeatable course only to alleviate a substandard grade of D, F or NC/NP. If a student has three substandard grades in the same course, he/she may not repeat the course unless there has been extenuating circumstances (petition required).

When a course is repeated to alleviate a substandard grade, only the last grade and its units will be used in computing the student's grade point average. The substandard grade will remain on the student's transcript with a notation that the course has been repeated.

Courses that are repeatable are noted in the college catalog with the number of repeats allowed. Students may not repeat a course beyond the maximum repeats, even to alleviate substandard grades.

Course repetition cannot be used to make up an incomplete (I) grade.

Withdrawals

- A student may not receive more than four W's from the same credit course
- A W shall not be assigned if the student withdraws due to the impact of fire, flood or other extraordinary conditions

- In the case of discriminatory treatment or retaliation for discriminatory treatment a 'W' shall not be assigned

Repeat of Biology Courses

Students who have received two substandard grades or W's or any combination in the same Biology 40, 45 or 50 course will be blocked from the future enrollment in that course. Students may appeal the policy using the *Petition for Course Repetition* form.

Academic Renewal Policy

Based on the Academic Renewal Policy, substandard grades may be disregarded if they are not reflective of a student's demonstrated academic ability. If Academic Renewal is approved, the student's permanent record will be notated with appropriate comments and the substandard (D, F, NC/NP) unit values will not be computed in the cumulative grade point average. The "renewed" courses and the related grades will not be removed from the record, as the district is required to show a complete and accurate academic record for every student (Title 5, Section 55046).

Students **MUST** meet with a counselor to review options for Academic Renewal, as this procedure is irreversible.

1. The student may only utilize Academic Renewal one time in the district.
2. Only substandard grades may be "renewed".
3. Immediately following the course work with substandard grades, the student must have completed at least 20 units* with 'C' grades or better from LMC or any other accredited college or university. (*The unit count begins the semester after the substandard grade is received.)
4. Academic renewal may be applied for up to 24 units. District courses can be combined up to the maximum of 24 units however, each college must adjust the academic record for courses completed through that location. An Academic Renewal request form should be submitted for each college.
5. Courses/related grades that have already been removed from the cumulative grade point average based on course repetition will not be "renewed."
6. There is no time limit for academic renewal.

Student Conduct and Discipline

Student conduct is governed by rules designed to preserve both individual and community freedoms. The individual student, in order to learn and grow, must enjoy freedom of expression and action. The academic community, if it is to properly serve the student, must enjoy freedom from disruption. Students enrolling in the College assume an obligation to conduct themselves in a manner compatible with the College's function as an educational institution. The following acts constitute misconduct for which College students are subject to discipline and suspension. Such misconduct, whether committed while on campus or off campus, at functions supervised or sponsored by the College, is subject to disciplinary sanctions (Ed. Code 76032 and 76033) administered by the College.

1. Continued disruptive behavior, continued willful disobedience, habitual profanity, or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of, college personnel.
2. Assault, battery, or any threat of force or violence upon a student or college personnel.
3. Willful misconduct which results in injury or death to a student or college personnel or which results in cutting, defacing, or other injury to any real or personal property owned by the District.
4. The use, sale, or possession on campus of, or presence on campus under the influence of, narcotics, other hallucinogenic drugs or substances, or any poison classified as such by Schedule D in Section 4160 of the Business and Professions Code.
5. Willful or persistent smoking in any area where smoking has been prohibited by law or by regulation of the Governing Board.
6. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct.
7. Dishonesty, such as cheating, plagiarism, or knowingly furnishing false information to the College.
8. Forgery, alteration, or misuse of College documents, records, or identification.
9. Theft or damage to property of the College, of members of the college community or of college visitors.

10. Unauthorized entry to or use of college facilities.
11. Violation of College policies or regulations, including regulations concerning the formation and registration of student organizations, the use of college facilities, or the time, place and manner of public expression.
12. Gambling on College property.
13. Conduct off campus inimical to the welfare and well-being of the College community.

For a complete copy of the Student Code of Conduct, which includes additional information, call 925-439-2181, ext. 3364, or visit the college website at: www.losmedanos.edu/navservices.asp

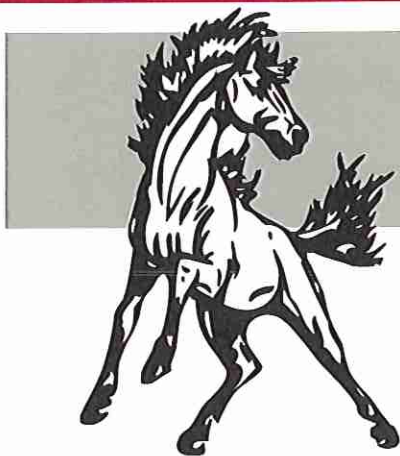
Student Right-To-Know Reports

In compliance with the Student Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of

the Contra Costa Community College District and Los Medanos College to make the following information available:

- The completion or graduation rates of certificate or degree-seeking, first-time, full-time students beginning Fall 2005 and annually thereafter. Based on a cohort of first-time, full-time freshman with a declared program of study, 15.6% attained a certificate or degree or became 'transfer prepared' during a three year period, from Fall 2005 to Summer 2008. Based on the cohort of first-time freshmen with a declared program of study, 15.3% transferred to another public institution in California (UC, CSU, or other California Community College) prior to attaining a degree or certificate during a three year period, from Fall 2005 to Summer 2008.
- Annual reports of criminal activity on campus and procedures for prevention

of campus crime, as required by the Crime Awareness and Campus Security Act of 1991. This information is available, on request, from the campus Police Services Office or the LMC website under campus Police.



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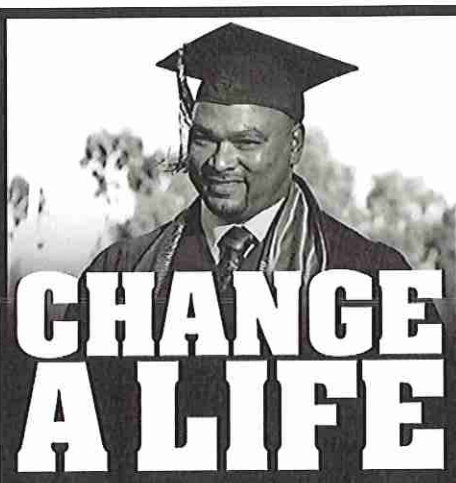
Monday - Thursday 7:45am - 7:00pm
Friday 7:45am - 3:00pm

Summer Hours:

Monday - Thursday 7:45am - 5:00pm
Closed Fridays

Order your textbooks online at www.lmcbookstore.net

We welcome Visa, MasterCard and Discover for your purchases.
Checks not accepted.



You can build a future and change a life by supporting the Los Medanos College Foundation

Each year, the Los Medanos College Foundation awards more than \$150,000 in scholarships to deserving LMC students.

To donate, please contact us at
(925) 439-2181 ext. 3215

The LMC Foundation is a 501(c)(3) charitable foundation. Gifts to the foundation are tax deductible to the extent provided by law.

**LOS MEDANOS
COLLEGE**
Foundation

*Building Futures, Changing Lives
Construyendo Futuros, Cambiando Vidas*

STUDENT SERVICES

Admissions & Records

The Admissions and Records Office provides service to students regarding admission, registration, records, evaluation of degree and certificate requirements, course adds and drops, and graduation. This office also provides assistance to veterans and international students. The Admissions and Records Office is located at CC3-401 on Level 3. Visit www.losmedanos.edu/admissions or call 925-439-2181 x7500. Check website for current hours.

Assessment Center

The Assessment Center offers an English and math assessment process, required for all students who plan to earn an associate degree, to transfer to a 4-year college, or to enroll in certain English and math courses. The assessment process is taken on a computer and is available on an individual drop-in basis during scheduled testing hours. The Assessment Center also offers ability to benefit exams for non-high school graduates applying for federal financial aid. Tests may be taken in an alternate format, if needed, to accommodate the disabled. Contact the Assessment Center or a DSPS counselor for arrangements. The Assessment Center is located in CC3-524 on Level 3. For more information, call 925-439-2181, ext. 3252 or visit www.losmedanos.edu/assessment. Check the website for current hours.

Bookstore

The LMC Bookstore offers textbooks, school supplies, and other learning materials at competitive prices. NEW: Rental textbooks are now available! To purchase or rent your textbooks, check your course print-out against the book list posted at the bookstore or check our website at www.lmcbookstore.net for books required

by your instructor. During the first two weeks of the semester, the bookstore will give textbook refunds due to schedule changes provided that the original cash register receipt is presented with textbooks. Textbooks and course materials must be in new condition, wrapped and complete with all components. The bookstore accepts cash, money orders, Visa, MasterCard and Discover for your purchases. Checks are not accepted. The bookstore is located next to the LMC Cafeteria. Visit www.lmcbookstore.net/ to order books online and to check for current store hours.

Career Center

The LMC Career Center provides students and alumni with current information, career assessment and counseling services designed to assist in exploring career potential and possibilities. Services include: career/job search web access, career assessment, career exploration, resume development services, labor market information, vocational program information, workshops, and roundtable discussions. The Career Center is located at CC3-524 on Level 3. Visit www.losmedanos.edu/careercenter or call ext. 3252.

Child Care

Low cost child care services are provided (on a space-available basis) for LMC student-parents. Child care services for infants, toddlers, pre-school and pre-kindergarten children (0 months to first grade entry) are available. Monthly fees for child care are based on family income and the number of days and hours enrolled in the program. Fees range from \$85.00 to \$720.00 per month. A non-refundable fee is also charged for registration.

The Child Study Center is located next to the main campus entrance. Waiting lists open November 1st for the Spring semester

and April 1st for the Fall and Summer semesters (or first business day after the first). For more information, visit www.losmedanos.edu/childcare or call ext. 3198.

Counseling

The LMC Counseling Department is committed to providing the highest quality counseling services to every student in need of information, guidance, and support. With this in mind, counseling faculty can assist students in both academic and career planning, as well as personal issues that might interfere with attendance, study or concentration. The department highly recommends that all students complete an Educational Plan during a counseling appointment and have that plan updated every semester. An Educational Plan is a key document that lists courses each semester until a student reaches his/her goal: a certificate, AA/AS Degree or transfer to a 4-year college. If you are interested in transferring, please ask us about the many Transfer Admissions Guarantees (TAGs) we offer.

Meeting with a counselor on a regular basis is essential to success at LMC, and counselors take their role very seriously. We are here to help students succeed. The Counseling Department also provides courses, taught by counselors that can help students in many ways. Include these courses in your success plan!

To make an appointment, call 925-439-2181 ext. 3334. The Counseling reception area is located on Level 3, Room 414, across from the Information Center. For more information, visit www.losmedanos.edu/counseling.

Computer Lab

The student computer labs in the library and CO 200 are open to all Los Medanos students to complete any of their school projects.

For more information:

Computer Lab (CO 200),
www.losmedanos.edu/computerscience/lab
Check website for current hours.

Library,
www.losmedanos.edu/library
Check website for current hours.

Disabled Students Programs and Services

DSP&S Office is committed to providing opportunities for students with disabilities to fully participate in all college programs. A variety of services/accommodations are available to students with identified disabilities. Services include: specialized instruction, adaptive equipment, sign language interpreters, note taking, textbooks on tape, testing accommodations, Braille materials, campus liaison, readers, writers, scribes, test-taking, academic counseling and planning, priority registration, specialized tutoring, enlarged print material, hearing amplification, and assessment for learning disabilities. To arrange for an appointment with a DSP&S counselor, contact the DSP&S administrative assistant, ext. 3133.

For more information, contact the DSP&S Office, 925-439-2181, ext. 3133, located by the Counseling Center, CC3-420, TDD 925-439-5709, or visit www.losmedanos.edu/dsps. Check website for current hours.

Employment Center

The LMC Employment Center serves as the employment development link between students and alumni to employers. The Employment Center's main goal is to help students successfully transition from school into positions that are both career enhancing and personally rewarding. Services include job placement (both on and off campus) job fairs, employability workshops, cooperative education/work experience and internship services.

For further information, call ext. 3330/3331, or visit www.losmedanos.edu/employment. Check website for current hours.

E.O.P.S. & C.A.R.E. Extended Opportunity Programs and Services

The Extended Opportunity Programs and Services (EOPS) is a state-funded program which provides a variety of academic, financial and social support services to assist students in completing their educational goal. Services provided to EOPS students include: grants, book voucher, counseling, child care assistance, and priority registration.

CARE

A component of the EOPS program, Cooperative Agencies and Resources for Education (CARE) assist students who are TANF/CalWORKs (Temporary Assistance to Needy Families/California Work Opportunities and Responsibility to Kids), single head of household, with children under 14 years of age. CARE can assist students in completing college-level educational and training programs, and in becoming more employable and economically self-sufficient. Eligible students may receive Café Tix, auto maintenance, child-care, transportation and financial assistance through an educational grant. Specialized workshops, seminars and courses are offered to CARE students to ensure college success.

For more information on EOP&S or CARE, visit Room CC3 435, call 925-439-2181 ext. 3138, or visit www.losmedanos.edu/eops. Check website for current hours.

CalWORKs

The LMC CalWORKs program is a state-funded program assisting TANF/CalWORKs recipient students, and those in transition off of welfare, to achieve long-term self-sufficiency through coordinated student services. CalWORKs offers support services including: work study, job placement, child care, book voucher, counseling, and developmental workshops. For more information visit CC3-435 or call 925-439-2181 ext. 3154.

Financial Aid

LMC has a comprehensive financial aid program, including grants, and on-campus part-time employment opportunities. The Office of Financial Aid is located in Room CC3 431.

For further information, call ext. 3139 or visit www.losmedanos.edu/financialaid. Check website for current hours.

Puente Project

The Puente Project is a nationally-recognized program that serves to increase the number of educationally under-served students who transfer to and complete university degrees. Puente students are specially trained to become dynamic and impassioned leaders who return to the community and affect positive change in the lives of our youth. As such, Puente provides three areas of service to students: English, Counseling and Mentoring. Puente students always enjoy a supportive and invigorating environment where their consciousness is continually expanded through the exploration of Latino history and literature. Simply put, we are in the business of training scholars with vision! If this sounds like something you're interested in, we'd like to hear from you!

For more information, visit www.losmedanos.edu/puente, or contact Marco Godinez at mgodinez@losmedanos.edu.

Scholarship Program

Applying for scholarships is easier than you think! Find out about the latest scholarship opportunities at www.losmedanos.edu/scholarships/. You may also email the Scholarship Program Office (cacevedo@losmedanos.edu) or call ext. 3130, or stop by Room 440.

Student Life

LMC offers a range of extracurricular activities for students. The activities help students make friendships, connect with faculty and staff outside of the classroom, and build their leadership skills in clubs and organizations. Office of Student Life provides leadership opportunities that support students in becoming agents of positive social change. Student Life is comprised of a variety of programs and services

including Student Government (LMCAS), Student Ambassadors, Student Clubs and Organizations, and Leadership Programs. For more information about any of these programs, contact 925-439-2181 ext. 3266, visit CC-800A (next to the Cafeteria) or visit www.losmedanos.edu/studentlife.

Associated Students (LMCAS)

The LMC Associated Students (LMCAS) is the college's official student government. Their primary purpose is to advance the welfare of all students. They do this by providing programs and services designed to meet the varied needs of students, sponsoring activities and events, and representing the student body on many college and district committees.

LMCAS meets weekly on Fridays in the Library Community room-L109. Learn more at www.losmedanos.edu/lmcas.

Student Ambassadors

Student Ambassadors are a select group of student leaders who represent the diverse population of Los Medanos College. These students assist with the outreach, recruitment and retention of LMC students by hosting college events, providing information and directions during the beginning of each semester, leading campus tours and holding information sessions for students throughout the year. Find out more at www.losmedanos.edu/studentlife/ambassadors.asp.

Student Clubs & Organizations

Students are encouraged to organize and participate in clubs that reflect their interests. Each club is registered with the Office of Student Life and has a faculty/staff advisor who helps organize meetings and plan activities. The Office of Student Life provides support and advising to all LMC clubs. In addition, the office advises and coordinates the Inter-Club Council (ICC) and holds orientations and retreats

for club leaders. Contact the Office of Student Life to join a club or start one of your own! Find out more at www.losmedanos.edu/studentservices/clubs.

Leadership Programs

The Office of Student Life provides a variety of leadership development programs and opportunities to support the many student leaders engaged throughout the fabric of LMC. These programs include orientations, workshops, courses, campus retreats, trips to regional conferences, film discussion series and more. All LMC students are encouraged to participate in the many opportunities provided by the office. To find out what's currently going on or to sign up for programs, stop by the office in Room 800A or visit www.losmedanos.edu/studentlife.

Center for Academic Support

The Center for Academic Support is committed to providing quality reading and writing support to all LMC students across the curriculum. The center offers students individualized consultations for any reading and writing concerns they encounter as they pursue their educational goals in any class. It is located in CO-300. To schedule an appointment, call 925-439-2181 ext 3176. For more information, visit www.losmedanos.edu/cas.

Transfer Center

The LMC Transfer Center offers assistance to students who plan to transfer to a state college, university, or private four-year institution. Support services are available to help students explore transfer opportunities and to assist students with the transfer process. Guaranteed transfer agreements are available. For more information, visit the Transfer Center in CC3-434, call 925-439-2181 ext. 3124 or visit www.losmedanos.edu/transfer.

Peer Tutoring

LMC offers free peer tutoring in many subjects from 9 am to 8 pm Mondays through Thursdays, and 8 am to 3 pm on Fridays. Tutoring is FREE for all LMC students! Located at CO-300. Walk in or make an appointment. Simply call the Center for Academic Support for more information at ext. 3176. Visit www.losmedanos.edu/cas for current hours.

Work Experience Education (Co-op)

The Cooperative Work Experience Program at LMC grants college credit for what you learn and accomplish on the job. There are two types of enrollees: CO-OP 170 (Occupational Work Experience) requires that the employment relate to the student's major or current course work. CO-OP 160 (General Work Experience) does not require that it relate to the major. Students enrolled in CO-OP 160 may qualify for up to 6 units per semester (16 units total), compared to the 8 units per semester (16 units total) for the CO-OP 170 participant. CO-OP 170A (Occupational Internship) may qualify for 8 units per semester (16 units total).


Students who want to participate in the Work Experience (CO-OP) Program should contact the LMC Employment Center Room 435, or call ext. 3330/3331. For more information including hours, visit www.losmedanos.edu/cooped.

Enrollment and Degree Verifications

Enrollment and Degree Verifications can now be done online through the National Student Clearinghouse. To obtain a free copy of your official verification of enrollment (24 hours a day, 7 days a week), go to (www.losmedanos.edu). Log onto WebAdvisor and click on "Enrollment Verification" where you can obtain this free service.

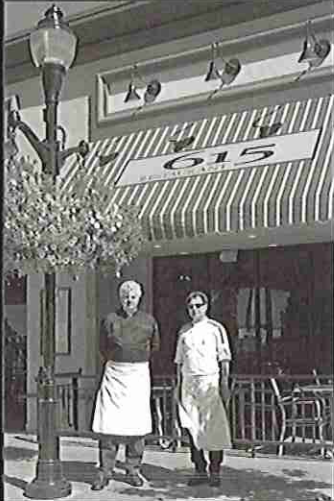
If an organization needs to verify your enrollment or degree and will not accept your printed copy, refer them to: National Student Clearinghouse, 13353 Sunrise Valley Drive, Suite 300, Herndon, VA 20171, Web: (www.studentclearinghouse.org), E-mail: service@studentclearinghouse.org, Phone: 703-742-4200, Fax: 703-742-4239.

Your enrollment information is sent to the Clearinghouse three times each semester. If you do not have access to Web Advisor, you may request a copy from the Admissions and Records Office. Requests will be processed within 3-7 business days.



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Remember!

If you enroll in a class and decide not to attend, you **MUST** officially drop the class. Otherwise, you are responsible for payment.

It's **NOT** an automatic process!

Use this **QR code** to access the class schedule link using your *smart phone*.



Study Abroad

2011

Contra Costa Community College District invites you to participate in our study abroad programs. Courses are taught by our own Community College Professors and may be UC and CSU transferable. Students can enjoy and learn from their valuable experiences in a foreign country, while accumulating course credits from their host college. Financial aid is available to students that qualify. Below is a list of future offerings:

Florence, Italy

Spring Semester 2011

People from all over the world visit Florence's museums and churches, but the city is more than just a constant reminder of art history. It is a busy city throbbing with Italian vitality, a city for young people with cafes, shops and cinemas. Whether reliving the renaissance, indulging in opera or feeling the passion of an Italian soccer match, Florence is an experience worthy of discovery.

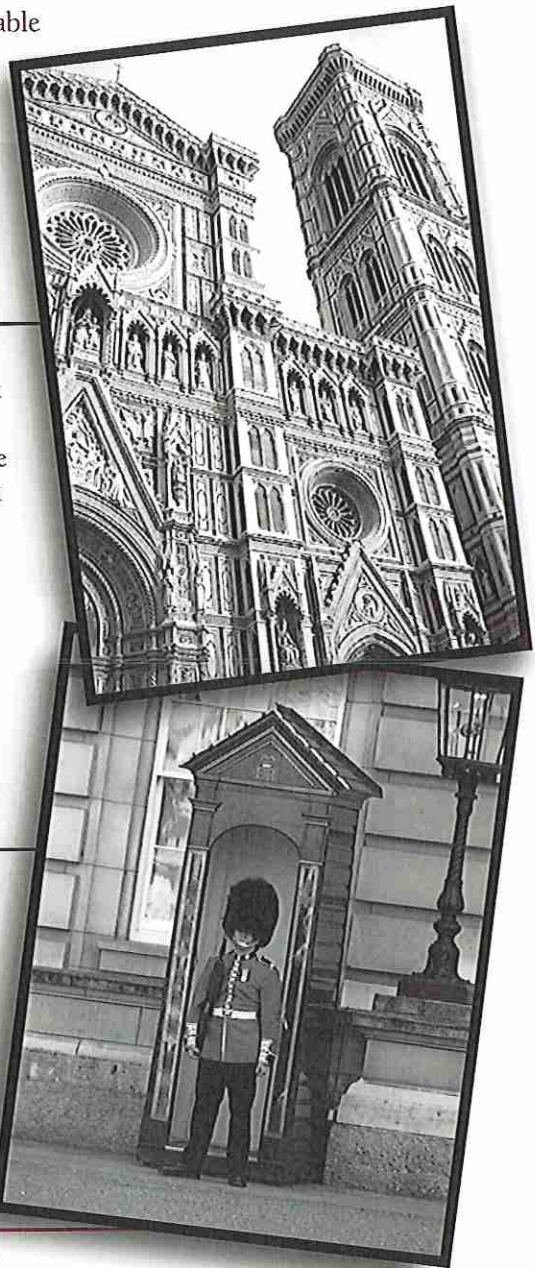
London, England

Spring Semester 2011

London is an exciting city in which to live and study. Still one of the world's most beautiful capitals, it is rich in art, music, theater and literary history. It is the seat of the British government and the world's longest surviving monarchy.

Study Abroad Office

(925) 685-1230 ext. 2735/2563, or email studyabroad@dvc.edu.



DAILY CLASS CANCELLATION NOTIFICATION

In an effort to assist our students we will be posting daily class cancellation notices. We will provide class cancellations as they are submitted by the instructors so **you may need to check this site frequently.**

Bookmark the webpage link for easy access:
www.losmedanos.edu/classcancel

While we will make every effort to keep this information up-to-date please understand that **not all absences are reported in a timely manner** so some notices will be posted close to or occasionally after a class start time. *We will continue to post class cancellation notices on the classroom door(s).*



Use this QR code to access the class cancellation link using your smart phone.

Los Medanos College Campus Policies

Non-Discrimination Policy

Los Medanos College complies with all Federal and state rules and regulations and does not discriminate on the basis of race, color, national origin, gender or disability. This holds true for all students who are interested in participating in educational programs and/or extracurricular school activities. Harassment of any employee/student with regard to race, color, national origin, gender or disability is strictly prohibited. The lack of English language skills will not be a barrier to admission and participation in the college's education programs. Inquiries regarding compliance and/or grievance procedures may be directed to the Los Medanos College Title IX Officer and/or the Section 504/ADA Coordinator.

Inquiries/Complaint Procedures

Informal Procedures

Students who have questions about the procedures to file a complaint of unlawful discrimination or feel that have been discriminated against, may contact the local Title IX coordinator, the Senior Dean of Student Services, by calling 925-439-2181, ext. 3372. The Senior Dean will work with the student-complainant, respondent, and other appropriate college personnel to attempt an informal resolution. The President, or designee, will monitor the informal complainant process and any proposed resolution. The process will be completed within 30 calendar days of receiving the complaint. A record of the complaint and resolution will be kept.

Formal Procedures

If the complaint cannot be resolved informally, the Senior Dean shall advise the student regarding his/her right to file a formal unlawful discrimination complaint. The Senior Dean will provide students with the District complaint form and forward the completed form to the District Vice Chancellor Human Resources.

Upon receipt of a formal complaint, the District will immediately notify the State Chancellor's Office. Within 10 calendar days of receipt, the District shall commence an investigation of the complaint and notify the complainant.



The District has 90 calendar days in which to investigate the complaint and report the administrative findings to the complainant and the State Chancellor's Office. The complainant may appeal the administrative determination to the District Governing Board within 15 calendar days of notice of such determination. The District Governing Board has 45 calendar days in which to act on the appeal. Failure of the Board to act within the 45 days denotes approval of the administrative determination. The complainant has the right to file a written appeal with the State Chancellor's Office within 30 calendar days after the Governing Board issues the final District decision or permits the administrative decision to become final pursuant to the above. The Chancellor has discretion to accept or reject any such petition for review in employment discrimination cases.

Students may also contact the Office for Civil Rights at the following address: Office for Civil Rights, San Francisco Office U.S. Department of Education Old Federal Building 50 United Nations Plaza, Room 239 San Francisco, CA 94102-4102 Telephone: 415-556-4275; Fax: 415-437-7783 TDD: 415-437-7786; Email: OCR.SanFrancisco@ed.gov

Inquiries/Complaints on Basis of Disability

Inquiries regarding access, treatment, or employment on the basis of disability, should be directed to the Senior Dean of Student Services/ADA Coordinator, Los Medanos College, 2700 East Leland Rd., Pittsburg, CA 94565, 925-439-2181, ext. 3372, or TDD 925-439-5709.

Reglamento de no Discriminación

El Distrito de Colegios Comunitarios del Condado de Contra Costa y el Los Medanos College están comprometidos a ofrecer igualdad de oportunidad en sus programas educacionales y vida estudiantil. El colegio no discrimina ni apoya la discriminación por cuestiones de origen étnico, edad, sexo, discapacidad física o mental, color, nacionalidad de origen, religión, orientación sexual, estatus de veterano, o condición medica, para el acceso a y trato de cualquiera de sus programas o actividades colegiales. La falta de conocimiento del idioma inglés no serán una barrera para la admision y participación en los programas educativos vocacionales de la institución.

Este reglamento cumple con lo estipulado en el Título VI del Acta de 1964 de la Ley de Derecho Civil, con referencia a la discriminación por raza, color, o nacionalidad de origen; el Título IX de las Enmiendas a la Educacion de 1972, referente a la discriminación por sexo; la Sección 504 del Acta de Rehabilitación de 1973, referente a la discriminacion por discapacidad; el Acta de Discriminacion de Edad de 1975 referente a la discriminacion por edad; y el Reglamento del Distrito que aplica.

Procedimientos de Quejas

Procedimiento Informal

Los estudiantes que tengan preguntas sobre el procedimiento para someter una queja de conducta discriminatoria o creen haber sido víctimas de una acción discriminatoria pueden notificar a la Coordinadora Local del Título IX, o a la Administración Superior de Servicios Estudiantiles (Senior Dean of Student Services), llamando al teléfono 439-2181 Ext. 3372. La Administración Superior de Servicios Estudiantiles trabajará con el alumno demandante y personal del colegio apropiado para encontrar una solución informal a la queja. El Presidente del colegio, o persona asignada, vigilarán

el proceso de resolución de la queja informal y propondrán una solución a la queja. El proceso de resolución no deberá durar más de 30 días después de haberse recibido la queja. Se mantendrá un expediente de la queja y la resolución en los archivos correspondientes.

Procedimiento Formal

Si la queja no puede resolverse de manera informal, el Presidente, o persona asignada deberán notificar al alumno demandante sus derechos para presentar una queja formal de discriminación ilegal. La Administración Superior proporcionará al alumno con el formulario de quejas del Distrito y enviará el documento al Vice Canciller de Relaciones Humanas del Distrito una vez que este haya sido llenado. Una vez que se haya recibido la queja de manera formal, el Distrito notificará inmediatamente a la Oficina del Canciller del Estado. Dentro de los 10 días siguientes de haberse recibido la queja, el Distrito deberá comenzar una investigación formal y notificar de ello al alumno demandante. El Distrito contará con 90 días para investigar la queja y reportar los resultados administrativos al demandante y a la Oficina del Canciller del Estado. El demandante tendrá derecho a apelar la decisión administrativa al Consejo Gubernamental del Distrito dentro de los 15 días siguientes a la fecha de notificación de la decisión. El Consejo Gubernamental del Distrito contará con 45 días para actuar sobre la apelación. La falta de actuación del Consejo dentro de los siguientes 45 días otorgados indicará la aprobación de la decisión administrativa tomada. El demandante tendrá derecho a someter una apelación por escrito a la Oficina del Canciller dentro de los 30 días siguientes de que el Consejo Gubernamental haya emitido la decisión final del Distrito, o, permitirá que la decisión administrativa sea final conforme a lo anterior. El Canciller tendrá la autoridad de aceptar o rechazar cualquier petición semejante en la revisión de casos de discriminación laboral.

Preguntas, Quejas a Base de Incapacidad.

Las preguntas sobre el acceso, trato, o empleo de personas discapacitadas deberán ser dirigidas al Decano de Servicios para los Estudiantes/Coordinador de ADA de Los Medanos College; 2700 East Leland Rd., Pittsburg, CA 94565, 925-439-2181, Ext. 3372, o, al TDD 925-439-5709.



BE CAUTIOUS, CAREFUL AND ALERT TO YOUR SAFETY!

Criminal activity can be greatly reduced by preventative efforts. Take steps to protect your possessions and discourage theft.

Federal law requires that crime prevention techniques and statistics be reported annually to the campus community. This report meets all requirements as set forth in the Crime Awareness and Campus Security Act of 1991. This data was prepared not only to comply with the law, but to help keep our students, faculty and staff safe and secure and to provide an environment supportive of teaching and learning.

POLICE SERVICES OFFICE HOURS:

Monday – Thursday 7:30 a.m. – 10:30 p.m.
 Friday 7:30 a.m. – 4:30 p.m.
 Saturday 8:00 a.m. – 4:00 p.m.

To contact officer after business hours call the Sheriff's Department at 925-646-2441.

LMC CRIME STATISTICS

Crime Reported	2007	2008	2009
Homicide	0	0	0
Rape	0	0	0
Robbery	0	0	0
Assault	1	0	3
Burglary	9	2	5
Larceny (Theft)	41	23	36
Auto Theft	1	4	0

MISCELLANEOUS ARRESTS—ALL CAMPUSES

Crime	2007	2008	2009
Liquor Laws	0	2	1
Drugs	13	14	11
Weapons	13	2	2

You are encouraged, as a member of the campus community, to report suspicious circumstances or any criminal acts committed on district properties.

The District, through its Police Services Department is committed to fully investigate reports of criminal acts occurring on district properties.

At Los Medanos College, crimes may be reported by calling Police Services at ext.3228 or by visiting the Police Services Department on the ground floor of the College Complex.

FOR EMERGENCIES ONLY

Call ext.3333 or 9-911 from campus phones.

Note: to secure an outside line, necessary for dialing 911, you must first dial 9 on a campus phone.

DIAL 911 FROM OTHER PHONES
 (Pay phones DO NOT charge for 911)

IN ADDITION TO POLICE SERVICES, THE COLLEGE DISTRICT PROVIDES:

ESCORT SERVICE UPON REQUEST

Call Police Services at ext.3228 for an escort between offices or to a parking lot.

FIRST AID-CPR SERVICE

Police officers and some police aides are trained in CPR and First Aid. Call ext.3228 or, in an emergency, ext.3333.

SAFETY & CRIME PREVENTION PAMPHLETS

available at the Police Services offices.

PARKING PERMITS


A parking permit is required when parked on campus (except holidays and week-ends). To avoid a ticket, the parking permit must be visible at all times.

College Parking Information

Parking All vehicles parked on the campus, whether in a parking lot, dirt lot, or perimeter road (Miwok Way and Los Medanos Drive) must have a valid parking permit. Be aware that there are specified student parking areas and faculty/staff parking areas. Students who park in faculty/staff spaces will be ticketed. These defined areas are indicated on the campus map, which may be picked up at the information booth located in Parking Lot A or at Police Services, located on the bottom level of the College Complex building.

Fees Students may purchase a parking permit, valid for one semester. The cost is \$40.00 for automobiles and \$25.00 for motorcycles or mopeds. Summer parking permits required during the summer term. Full-term permits can now be purchased online through WebAdvisor. Permits will no longer be available for purchase on campus. If you prefer to pay cash for your permit, you can order it on the computer kiosk outside of the Cashier's Office and then pay at the Cashier's window. EOPS students can order their permits at the kiosk located in the EOPS Office.

Upon payment, you will be emailed a 10-day temporary parking permit that can be printed out and used until the permanent parking permit arrives at your home in two to three business days. Your permit is valid at any campus parking lot in the district. Daily parking permits may be purchased from the yellow ticket vending machines for \$3.00. These machines are located in Lot A, Lot 1A, Lot B, Lot C and the perimeter road adjacent to the softball fields.

 **Disabled Parking** Special parking spaces are designated for disabled persons who have a DMV placard. Disabled persons with permits may park in any legal space on campus. The van accessible spaces are for wheelchair persons only.

Enforcement

Parking regulations are enforced 7:00 am Monday through 5:00 pm on Friday. After 5:00 pm daily, students may park in the staff parking spaces in lot A and C. Parking regulations are not enforced on weekends or holidays. Meters are enforced at all times.

Payment of fines Citations for parking violations are issued by the Campus Police. Payment of fines must be made to:

Office of Revenue Collection

2530 Arnold Dr. #350

Martinez, CA 94553

For questions, call 925-335-8550

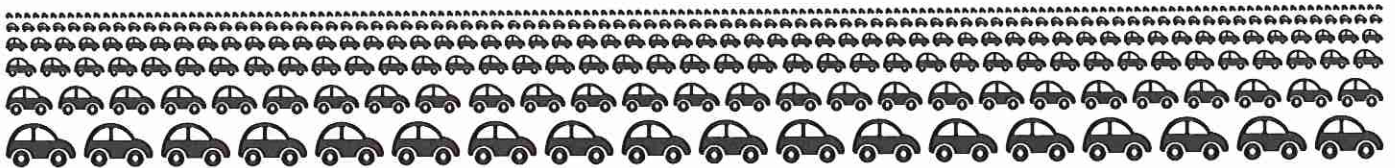
**REMEMBER: TO AVOID A CITATION
YOUR PERMIT MUST BE VISIBLE AT
ALL TIMES WHILE PARKED
ON CAMPUS.**

For more information, please visit our website:
www.4cd.net/police_services

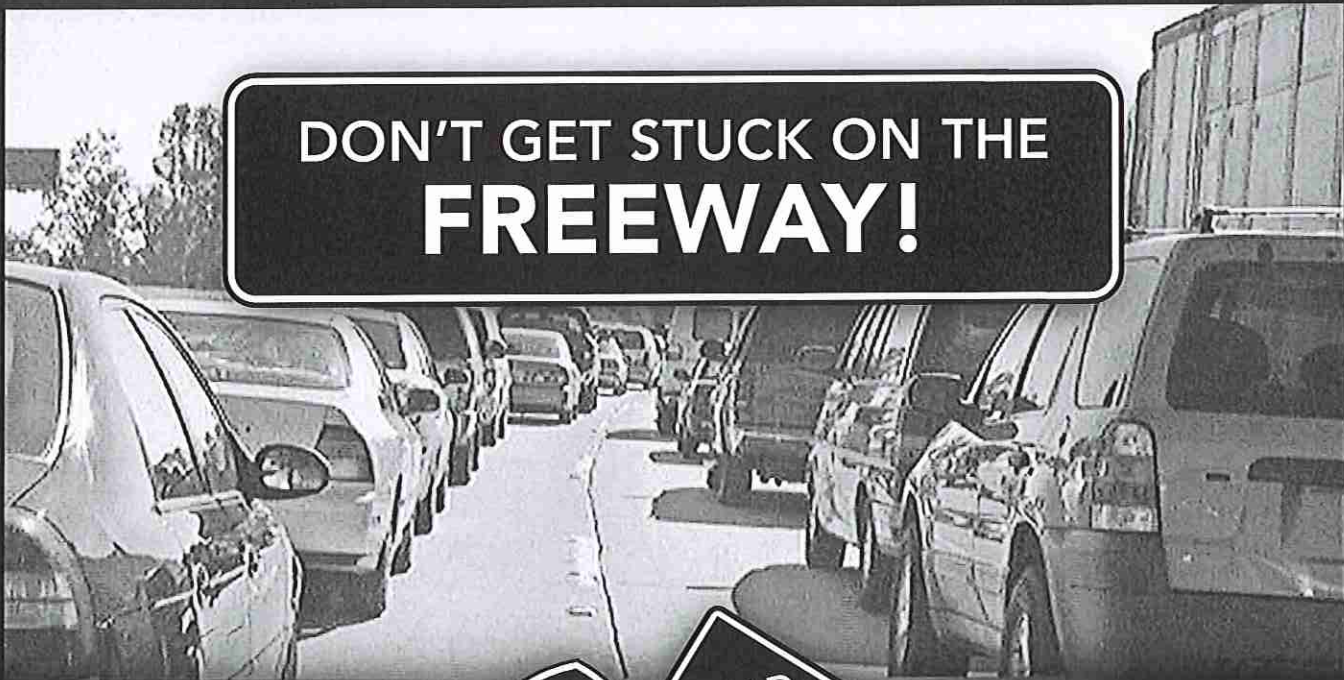
SPRING 2011 PARKING PERMIT

Purchase online at WebAdvisor.

No longer available for purchase on campus.



**DON'T GET STUCK ON THE
FREEWAY!**



Highway 4 construction may result in entrance/exit ramp closures
at both **Loveridge and Somersville Road**,
main routes to/from **Los Medanos College**.

Anticipated closures are published on the web at
www.widensr4.org

We recommend you **bookmark this link** and consult it daily.



Use this QR code to
access the Highway 4 link
using your smart phone.



Directions to Los Medanos College

Los Medanos College

2700 East Leland Road

Pittsburg, California

925-439-2181

Brentwood Center

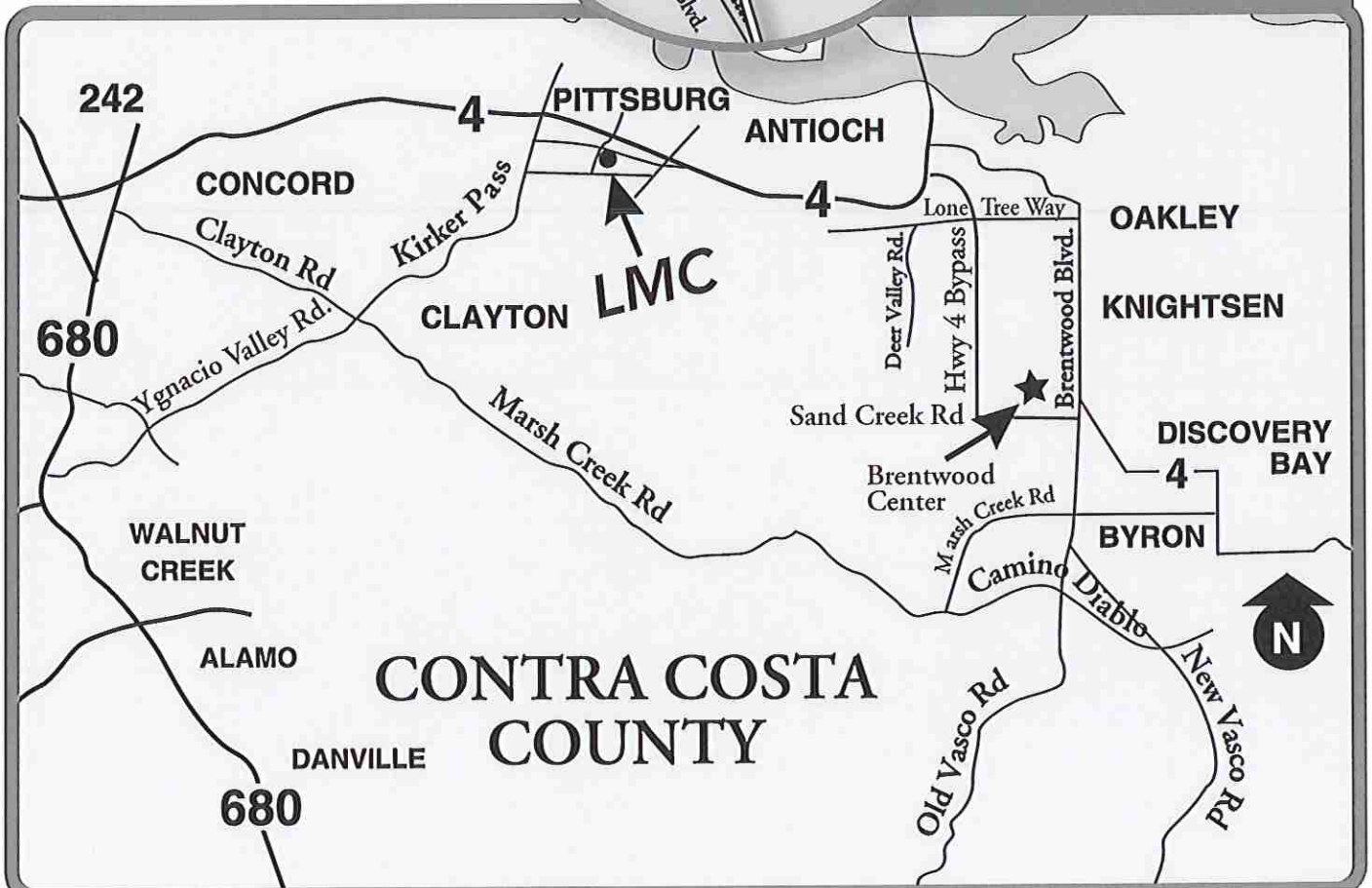
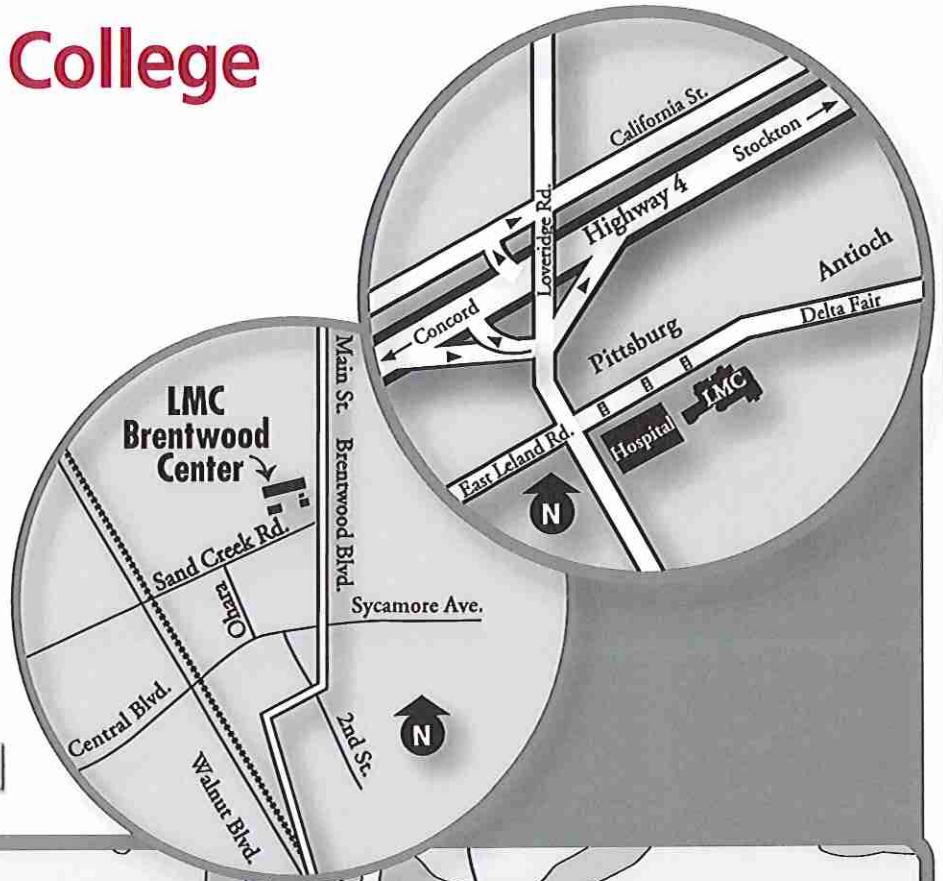
101A Sand Creek Road

Brentwood, California

925-513-1625

Visit us online at

www.losmedanos.edu



Transportation to get you here.

Buses

LMC is served by frequent Tri Delta Transit buses to Pittsburg/Bay Point BART and local communities. The general public fare is currently \$1.75; \$3.00 for an unlimited ride day pass. Connect at BART with a valid BART transfer and the fare is only \$1. Bus routes 380, 387, 388 & 391 serve LMC weekdays and routes 392, 393 & 394 serve LMC on weekends and holidays.* The Tri Delta Transit web site also offers a "Trip Planner" link where you can enter origin and destination and the web site will provide you with transit options and times. For more information, please visit: www.trideltatransit.com. Or call Tri Delta Transit at: (925) 754-6622.

*In addition, Tri Delta Transit offers discounts monthly and value passes.

BART

Tri Delta Transit Buses connect LMC to BART, which services Pittsburg, Concord, Pleasant Hill, Walnut Creek and other cities throughout the Bay Area. For specific Tri Delta Transit buses that service Los Medanos College, please see "Buses", or call BART at: 925-676-2278 (BART)

Transit Incentive Program

Eligible students who currently drive alone to school and pledge to take the bus or BART can receive free BART and bus tickets from 511 Contra Costa. Students who pledge to carpool or use public transit to campus instead of driving alone to school are eligible to participate. For more information and eligibility requirements visit <http://www.511contracosta.org/public-transit/transit-incentive/> or call (925) 969-0841.



Carpooling

Carpooling to school is a healthier and faster commute option with 9 miles of High Occupancy Vehicle lanes on Highway 4, between Port Chicago Highway and Railroad Avenue.

Bicycle

Secure bike racks are available at various locations on campus. Bikes can be transported by BART or bus as well. See the above numbers for more information.

The De Anza bike trail intersects the South end of the Los Medanos College campus. The bike trail can be accessed from the West of LMC at Leland, Crestview Drive Railroad Avenue, Harbor Street, Loveridge Road. The bike trail can be accessed from the East of LMC at Somersville Road, Delta Fair Blvd and Gentry Town Drive and James Donlon Boulevard. Free trail maps can be obtained by calling 511 Contra Costa at: 925-969-0841.



511 Contra Costa

511 Contra Costa provides commuter services and programs to college students traveling to, through, or from Contra Costa. Programs are available offering free gas cards and bus tickets every semester to students who are willing to start a carpool or try riding the bus or BART instead of driving alone to campus. Visit www.511contracosta.org for commute information, or call 925-969-0841.

511 Contra Costa commute services are provided free of charge to residents, college commuters and employers in Contra Costa County. Funds for this program are provided by the Bar Area Air Quality Management District's Transportation Fund for Clean Air and the Contra Costa Transportation Authority.

Brought to you by LMC in cooperation with 511 Contra Costa and Tri Delta Transit.

www.511contracosta.org

www.trideltatransit.com

Los Medanos Campus Directory

Main Line

925-439-2181

From Oakley/Brentwood

925-754-9011

From Concord

925-798-3500

TDD

925-439-5709

For Information About Ext./Phone		Room	For Information About Ext./Phone		Room
Admissions & Records Office	7500	CC3 401	Nursing Programs/Allied Health (CPR)	3286	CC4 482
Assessment Center	3252	CC3 524	Police Services/Lost and Found	3228	CC1 132
Athletic Programs	3332	PE 1003	Refunds/Cashier's Office	3111	CC3 425
Bookstore	3143 or 439-2056	CC3 810	Research Office	3370	CO 411
Brentwood Center	513-1625	BRT	Scholarship Information	3130	CC3 440
C.A.R.E. Program	3114	CC3 435	Student Government/Activities	3266/3199	CC3 800A
CalWorks	3154	CC3 435	Student Outreach	3383	CC3 419
Career Center	3252	CC3 524	Transfer Center	3124	CC3 434
Center for Academic Support	3176	CO 300	Veterans Benefits	3129	CC3 401
Child Study Center	3197/3198	CS2	Instructional Labs		
Counseling Appointments	3334	CC3 414	Appliance	3341	CC3 506
Disabled Students High-Tech Center	3279	CC3 625	Art	3169	CC3 312
Disabled Support Services			Biology	3410	SC 103
• Learning/Physical	3133/3353	CC3 441	Business	3202	CO 200
(TDD)	439-5709	CC3 441	Computer (General Use)		LI
Employment Center			English	3263	CC2 280
• Work Experience/Coop Education/ On Campus Job Placement	3330/3331	CC3 435	ETEC	3457	EL
EOP&S Extended Opportunity Programs & Services			Journalism	3125/3359	CC3 601
	3138/3117	CC3 435	Math Tutorial	3326	MA 102
Financial Aid	3139	CC3 431	MIDI (Music)	3385	MU3 740
Fire/EMS	3274/3352	CC2 260	PTEC	3387	CC3 320
Foundation Office	3215	CC3 440	Instructional Deans' Offices		
Information Center	3422	CC3 400	Liberal Arts & Sciences	3105/3272	CO 400
Instructional Deans' Offices	3105/3272	CO 400	Occupational Education	3105/3272	CO 400
Library Services	3275/3320	L1	Individual instructors may be contacted at their campus phone extensions.		
Lost and Found/Police Services	3228	CC1 132	Student Services Deans' Offices		
Marketing/Public Relations	3242	CO 417	Dean of Student Development	3317	CC3-444
Music and Recording Arts	439-0200	MU3	Senior Dean, Student Services	3372	CC3-403
New Student Orientations	3422	CC3 410			

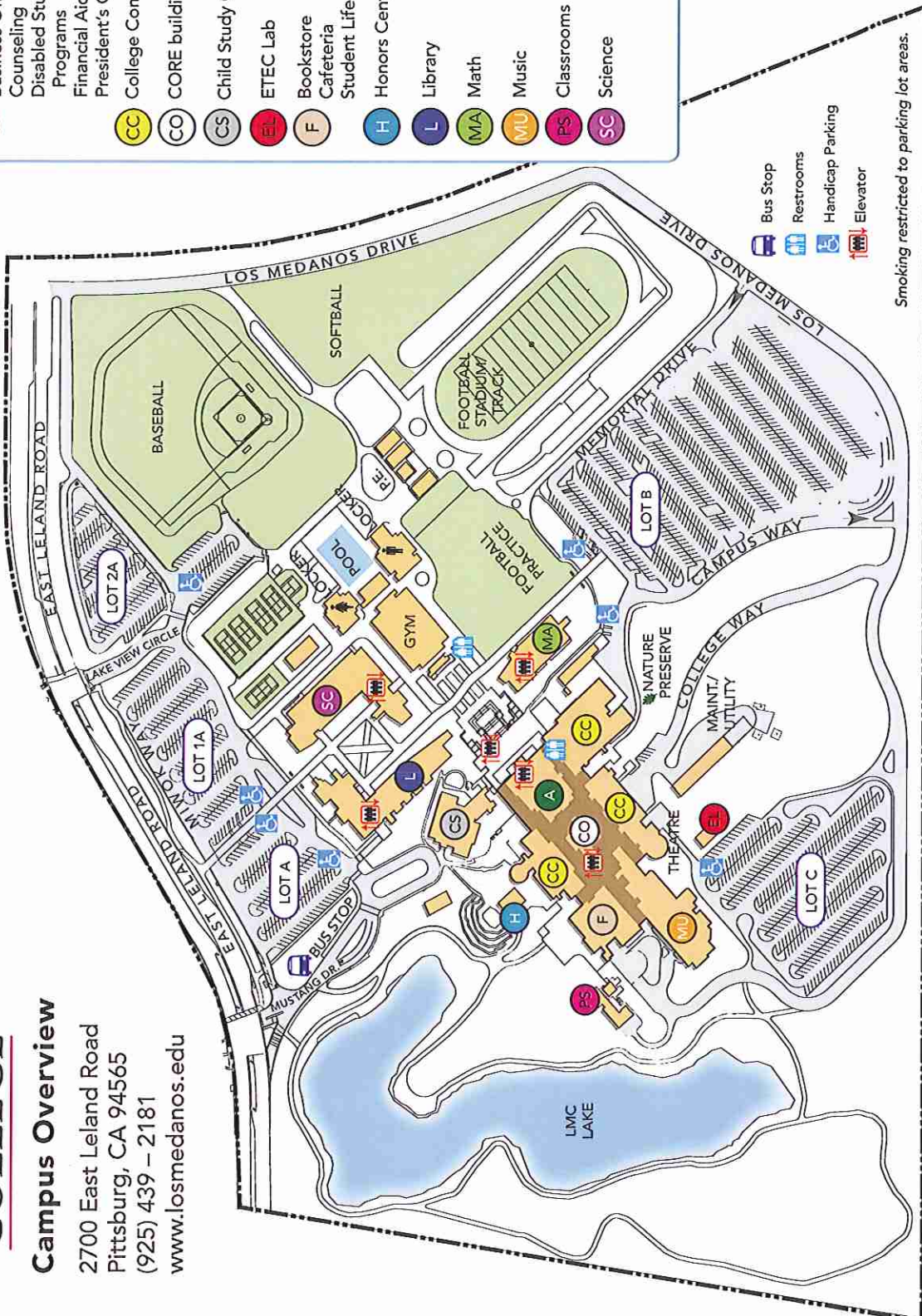
LOS MEDANOS COLLEGE

Campus Overview

2700 East Leland Road
 Pittsburg, CA 94565
 (925) 439 - 2181
www.losmedanos.edu

Building Legend

- Admissions
- Business Office
- Counseling
- Disabled Student Programs
- Financial Aid
- President's Office
- College Complex
- CORE building
- Child Study Center
- ETEC Lab
- Bookstore
- Cafeteria
- Student Life Office
- Honors Center
- Library
- Math
- Music
- Classrooms
- Science



APPENDIX D

CONTRA COSTA COMMUNITY COLLEGE DISTRICT
2012-16 FIVE YEAR CONSTRUCTION PLAN

2012-16 FIVE YEAR CONSTRUCTION PLAN
(2012-13 FIRST FUNDING YEAR)

Contra Costa CCD

Prepared in reference to the Community College Construction Act of 1980
and
approved on behalf of the local governing board for submission to
the office of the Chancellor, California Community Colleges

Signed _____
Helen Benjamin
(Chief Executive Officer)

Title _____ Chancellor _____

Date _____ 1/27/2011 _____

Contact Person Ray Pyle _____

Telephone (925) 229-1000 _____

Date Received at
Chancellor's Office

Chancellor's Office
reviewed by

Notice of Approval

Inventory of Land

Contra Costa CCD

Page 3

List the address and acreage of every land unit owned by the district (Education Code 81821(e)). Please identify all locations, both on-campus and off-campus, grouped according to their "parent" institution. In the event the list is long or complicated, please substitute copies of college bulletins or other notices to the public which display similar information. The list should be current as of October the prior year

Address	Acreage
San Ramon Campus 3150 Crow Canyon Place San Ramon CA 94583	7.1
Contra Costa College 2600 Mission Bell Drive San Pablo CA 94806	83.0
Diablo Valley College 321 Golf Club Road Pleasant Hill CA 94523	110.0
George Gordon Educational Center 500 Court Street Martinez CA 94553	2.0
Los Medanos College 2700 E. Leland Road Pittsburg CA 94565	110.0

Legislative Districts

Campus	Assembly	Senate	House
Contra Costa College	14	9	7
Diablo Valley College	14	7	10
Los Medanos College	11	7	7
Contra Costa District Office*	11	7	7
San Ramon Valley Center	14	9	0

Instructional Delivery Locations

Contra Costa CCD

Address

Acalanes Adult Education Center
1963 Tice Valley Blvd.
Walnut Creek

Alhambra High School
150 E St.
Martinez

Antioch High School
Antioch CA

Brentwood Center
Brentwood CA

Cal State University, Hayward
Contra Costa Campus
Concord

Calvary Christian Center
4892 San Pablo Valley Road
El Sobrante CA

Campolindo High School
300 Moraga Rd.
Moraga CA

Community Presbyterian Church, Preschool Center
Danville Ca

Concord High School
4200 Concord Blvd.
Concord CA

Delta Beauty College
Antioch CA

Edna Hill Middle School
Brentwood CA

El Cerrito High School
540 Ashbury Street
El Cerrito CA

Good Shepard Church
4000 Clayton Rd.
Cloncord CA

Hercules Beauty Academy (Pinole)
1570 Fitzgerald Drive
Pinole CA

Instructional Delivery Locations

Contra Costa CCD

Address

Hercules Beauty Academy (Richmond)
207 Broadway
Richmond CA

Hilltop Mall Community Center
Richmond CA

International Beauty College
Concord CA

John Muir Hospital
Walnut Creek

Kaiser Hospital
Walnut Creek CA

Maple Hall
One Alvarado Square
San Pablo CA

Martinez County Court House, Dept 7
Martinez CA

Miller Park
Point Richmond

Miramonte High School
750 Moraga Wy.
Orinda CA

Mt Diablo Hospital
Concord CA

Orinda Community Center
26 Orinda Way
Orinda CA

Paris Beauty College
Concord CA

Pinole Junior High School
1575 Mann Dr.
Pinole CA

Pinole Valley High School
2900 Pinole Valley Rd.
Pinole CA

Richmond Library, Main Branch
325 Civic Center Plaza
Richmond CA

Instructional Delivery Locations

Contra Costa CCD

Address

San Ramon Campus
3150 Crow Canyon Place
San Ramon CA 94583

Southside Church Of Christ
1501 Florida Ave.
Richmond CA

St Joseph's Church
837 Tennent Ave.
Pinole CA

USS/POSCO
Pittsburg CA

Veterans Hospital
Martinez CA

Walnut Creek Senior Center
Walnut Creek CA

Contra Costa College
2600 Mission Bell Drive
San Pablo CA 94806

Diablo Valley College
321 Golf Club Road
Pleasant Hill CA 94523

Los Medanos College
2700 E. Leland Road
Pittsburg CA 94565

District Projects Priority Order

Contra Costa CCD

No.	Project	Occupancy		Source	Schedule of Funds							
		ASF	Total Cost		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	
14	Remodel for Student Services 6,610	2012/2013		Los Medanos College	(W)	(C)(E)						
		\$8,152,336	NonState		\$397,206	\$7,352,991						
15	New Brentwood Campus, Phase 1 17,762	2016/2017		Los Medanos College	(L)		(P)(W)	(C)	(E)			
		\$22,601,000	State				\$2,203,000	\$19,903,000	\$495,000			
		\$11,500,000	NonState		\$5,000,000		\$1,100,000	\$5,000,000	\$400,000			
16	Art Building Consolidation 10,151	2017/2018		Diablo Valley College				(P)(W)	(C)	(E)		
		\$20,124,000	State					\$1,386,000	\$18,512,000	\$226,000		
		\$6,014,000	NonState					\$403,000	\$5,554,000	\$57,000		
17	Science and Allied Health - Replaceme 21,053	2016/2017		Contra Costa College			(P)(W)	(C)(E)				
		\$33,449,000	State				\$4,761,000	\$28,688,000				
		\$31,798,000	NonState					\$31,798,000				
18	Student Activities Center 916	2013/2014		Los Medanos College		(P)(W)	(C)(E)					
		\$8,398,000	NonState			\$856,000	\$7,542,000					
19	Biological Sciences Reconstruction for 4,623	2016/2017		Contra Costa College				(P)(W)	(C)(E)			
		\$8,225,000	State					\$842,000	\$7,383,000			
		\$3,153,000	NonState					\$281,000	\$2,872,000			
20	Gymnasium and Locker Room Reconst 2015/2016			Contra Costa College			(P)(W)	(C)(E)				
		\$11,089,319	NonState				\$1,103,707	\$9,985,612				
21	Gym - Modernization -480	2016/2017		Los Medanos College				(P)(W)	(C)			
		\$4,211,000	State					\$367,000	\$3,844,000			
		\$4,211,000	NonState					\$367,000	\$3,844,000			
22	Men's and Women's Locker Room Buil 2,427	2017/2018		Los Medanos College				(P)(W)	(C)(E)			
		\$3,467,000	State					\$255,000	\$3,212,000			
		\$3,426,000	NonState					\$255,000	\$3,171,000			
23	Liberal Arts/Learning Ctr Replacemt 2017/2018			Diablo Valley College					(P)(W)	(C)(E)		
		\$18,225,000	State						\$1,492,000	\$16,733,000		
		\$2,025,000	NonState						\$170,000	\$1,855,000		
24	Physical Science Reconstruction for Co 7,500	2015/2016		Contra Costa College			(P)(W)	(C)				
		\$3,900,000	NonState				\$1,000,000	\$2,900,000				
25	Performing Arts Reconstruction 2016/2017			Contra Costa College			(P)(W)	(C)(E)				
		\$7,380,309	NonState				\$680,580	\$6,699,729				
26	Maintenance and Operations Reconstr 2017/2018			Contra Costa College				(P)(W)	(C)(E)			
		\$3,421,278	NonState					\$308,965	\$3,112,313			

District Projects Priority Order

Contra Costa CCD

No.	Project	Occupancy	Source	Schedule of Funds						
				2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
27	Faculty Office Building #63 Replaceme	2018/2019	Diablo Valley College						(W)	(P)
	ASF	Total Cost	State						\$350,000	\$350,000
		\$7,200,000	NonState						\$50,000	\$50,000
28	Football Press Box Reconstruction	2017/2018	Contra Costa College						(P)(W)	(C)(E)
		\$598,592	NonState						\$51,079	\$547,513

District Lecture Capacity/Load Ratios

Contra Costa CCD

No.	Project	Wsch	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
13	Music Building Remodel	0	0	2010/2011						
	Contra Costa College									
10	Student Services Building	-6,284	-14,648	2011/2012	385,667					
	Diablo Valley College				143%					
8	Classroom Bldg- Replacement Facility	1,956	4,559	2012/2013	390,226					
	Contra Costa College				142%					
11	Food Services/Culinary Arts	-198	-462	2012/2013	389,765					
	Diablo Valley College				142%					
14	Remodel for Student Services	-809	-1,886	2012/2013	387,879					
	Los Medanos College				141%					
5	Physical Education Modernization	-864	-2,014	2015/2016	385,865					
	Contra Costa College				133%					
6	Engineering Technology Renovation	91	212	2015/2016	386,077					
	Diablo Valley College				134%					
15	New Brentwood Campus, Phase 1	-216	-503	2016/2017	385,573					
	Los Medanos College				131%					
17	Science and Allied Health - Replacement Building	-5,513	-12,851	2016/2017	372,723					
	Contra Costa College				127%					
19	Biological Sciences Reconstruction for Art	-875	-2,040	2016/2017	370,683					
	Contra Costa College				126%					

District Lecture Capacity/Load Ratios

Contra Costa CCD

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
16	Art Building Consolidation									
	Lect ASF	1,478	3,445	2017/2018						
	Diablo Valley College									374,128 125%
23	Liberal Arts/Learning Ctr Replacement									
	Lect ASF	0	0	2017/2018						
	Diablo Valley College									374,128 125%
27	Faculty Office Building #63 Replacement									
	Lect ASF	5,000	11,655	2018/2019						
	Diablo Valley College									
<hr/>										
	Lecture Actual*/Projected WSCH			2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	171,735	400,315	148%	270,291	274,867	279,520	284,252	289,064	293,957	298,933
	Cumulative Capacity	400,315	148%	385,667	387,879	387,879	387,879	387,879	386,077	370,683
	Capacity/Load Ratio			140%	139%	136%	134%	131%	124%	

No.	Project	Lab ASF	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
4	Art Area Remodel 0 Los Medanos College	0	0	2009/2010							
13	Music Building Remodel 0 Contra Costa College	0	0	2010/2011							
10	Student Services Building -3,314 Diablo Valley College	-1,938		2011/2012	105,777 90%						
12	Nursing and EMT Renovation 7,195 Los Medanos College	3,362		2011/2012	109,140 93%						
8	Classroom Bldg- Replacement Facility 976 Contra Costa College	-1,277		2012/2013	107,863 91%						
9	Student Activities-Replacement Building 6,658 Contra Costa College	2,591		2012/2013	110,454 93%						
14	Remodel for Student Services -2,720 Los Medanos College	-1,271		2012/2013	109,183 92%						
5	Physical Education Modernization 1,395 Contra Costa College	569		2015/2016					109,752 88%		
6	Engineering Technology Renovation 5,224 Diablo Valley College	620		2015/2016					110,372 88%		
7	Physical Education Building 1,200 Los Medanos College	374		2015/2016					110,746 88%		

Five Year Construction Plan
District Laboratory Capacity/Load Ratios
 Contra Costa CCD

No.	Project	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	
	Lab ASF	WSCH	Occupancy						
15	New Brentwood Campus, Phase 1	5,752	2,311				113,057		
	Los Medanos College	2016/2017					89%		
17	Science and Allied Health - Replacement Building	23,661	10,172				123,230		
	Contra Costa College	2016/2017					97%		
19	Biological Sciences Reconstruction for Art	6,495	2,380				125,610		
	Contra Costa College	2016/2017					99%		
16	Art Building Consolidation	7,089	2,923				128,534		
	Diablo Valley College	2017/2018					99%		
23	Liberal Arts/Learning Ctr Replacemt	0	0				128,534		
	Diablo Valley College	2017/2018					99%		
Laboratory		Actual*/Projected WSCH	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
253,379	Cumulative Capacity	117,190	119,174	121,192	123,243	125,329	127,451	129,608	
	Capacity/Load Ratio	107,715	109,140	109,183	109,183	109,183	110,746	125,610	
		92%	92%	90%	89%	87%	87%	97%	

No.	Project	Off ASF	FTE	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
4	Art Area Remodel 0 Los Medanos College	0	0	2009/2010							
13	Music Building Remodel 0 Contra Costa College	0	0	2010/2011							
10	Student Services Building 7,720 Diablo Valley College	55	2011/2012	1,298 111%							
12	Nursing and EMT Renovation 1,585 Los Medanos College	11	2011/2012	1,309 112%							
8	Classroom Bldg- Replacement Facility -771 Contra Costa College	-6	2012/2013	1,304 108%							
9	Student Activities-Replacement Building 3,102 Contra Costa College	22	2012/2013	1,326 110%							
11	Food Services/Culinary Arts 0 Diablo Valley College	0	2012/2013	1,326 110%							
14	Remodel for Student Services 6,610 Los Medanos College	47	2012/2013	1,373 113%							
18	Student Activities Center 276 Los Medanos College	2	2013/2014	1,375 110%							
5	Physical Education Modernization -120 Contra Costa College	-1	2015/2016	1,374 104%							

District Office Capacity/Load Ratios

Contra Costa CCD

No.	Project	FTE	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
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22 Men's and Women's Locker Room Buildings Replacement
 -42 0 2017/2018
 Los Medanos College

1,394
104%

23 Liberal Arts/Learning Ctr Replacemt
 0 0 2017/2018
 Diablo Valley College

1,394
104%

27 Faculty Office Building #63 Replacement
 -5,000 -36 2018/2019
 Diablo Valley College

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Office Actual*/Projected FTE	1,173	1,210	1,247	1,284	1,322	1,336	1,345
174,003 Cumulative Capacity	1,243	1,309	1,373	1,375	1,375	1,381	1,393
Capacity/Load Ratio	106%	108%	110%	107%	104%	103%	104%

No.	Project	Lib ASF	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018					
10	Student Services Building 1,200 Diablo Valley College	2011/2012	90,882 82%												
8	Classroom Bldg- Replacement Facility -108 Contra Costa College	2012/2013	90,774 81%												
14	Remodel for Student Services 3,529 Los Medanos College	2012/2013	94,303 84%												
6	Engineering Technology Renovation -700 Diablo Valley College	2015/2016	93,603 80%												
15	New Brentwood Campus, Phase 1 1,000 Los Medanos College	2016/2017	94,603 80%												
17	Science and Allied Health - Replacement Building -35 Contra Costa College	2016/2017	94,568 80%												
19	Biological Sciences Reconstruction for Art 246 Contra Costa College	2016/2017	94,814 80%												
23	Liberal Arts/Learning Ctr Replacemnt 0 Diablo Valley College	2017/2018	94,814 79%												
	Library Actual*/Projected ASF 89,682 Cumulative Capacity Capacity/Load Ratio	2011/2012	110,902 89,682 81%	2012/2013	112,431 90,882 81%	2013/2014	113,986 94,303 83%	2014/2015	115,568 94,303 82%	2015/2016	117,176 94,303 80%	2016/2017	118,811 93,603 79%	2017/2018	120,469 94,814 79%

No. Project	AVTV ASF	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
13	Music Building Remodel	0	2010/2011						
	Contra Costa College								
9	Student Activities-Replacement Building	0	2012/2013	19,083					
	Contra Costa College			67%					
6	Engineering Technology Renovation	30	2015/2016		19,113				
	Diablo Valley College				66%				
15	New Brentwood Campus, Phase 1	-182	2016/2017				18,931		
	Los Medanos College						65%		
16	Art Building Consolidation	208	2017/2018					19,139	
	Diablo Valley College							65%	
23	Liberal Arts/Learning Ctr Replacem	0	2017/2018						19,139
	Diablo Valley College								65%
	AV/TV Actual*/Projected ASF		2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	19,083		28,433	28,563	28,695	28,830	28,967	29,106	29,247
	Cumulative Capacity		19,083	19,083	19,083	19,083	19,083	19,113	18,931
	Capacity/Load Ratio		67%	67%	67%	66%	66%	66%	65%

Load Distribution and Staff Forecast

Contra Costa CCD

District Load Distribution

Reference: Chancellor's Office Forecast

	Instructional Staff FTE	Total Campus WSCH	Off-Campus WSCH	On-Campus WSCH	P.E. Laboratory WSCH	On-Campus Lecture WSCH	On-Campus Laboratory WSCH
Actual Fall							
2008	1,052	435,207	26,758	408,449	28,147	271,963	108,339
2009	1,108	458,200	43,250	414,950	30,572	286,616	97,762
Forecast							
2010	1,138	450,423	42,516	407,907	30,053	281,752	96,105
2011	1,173	458,048	43,237	414,811	27,329	270,291	117,190
2012	1,210	465,802	43,969	421,833	27,792	274,867	119,174
2013	1,247	473,687	44,713	428,974	28,262	279,520	121,192
2014	1,284	481,706	45,470	436,236	28,741	284,252	123,243
2015	1,322	489,860	46,240	443,620	29,227	289,064	125,329
2016	1,336	498,153	47,023	451,130	29,722	293,957	127,451

Load Distribution and Staff Forecast

Contra Costa CCD

Instructional Load by Campus or Location

Reference: Chancellor's Office Forecast

WSCH Distributed to Campuses or Other Locations

Campus	Actual			Projected						
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Contra Costa College	89,090	87,478	91,269	89,720	91,243	92,788	94,358	95,956	97,580	99,232
Diablo Valley College	205,147	216,994	218,956	215,240	218,901	222,607	226,375	230,207	234,104	238,067
Los Medanos College	92,456	109,889	125,984	123,846	125,963	128,096	130,264	132,469	134,712	136,992
Contra Costa District Office*										
San Ramon Valley Center	18,816	20,846	21,991	21,617	21,940	22,312	22,690	23,074	23,464	23,862
Total	<u>405,509</u>	<u>435,207</u>	<u>458,200</u>	<u>450,423</u>	<u>458,048</u>	<u>465,802</u>	<u>473,687</u>	<u>481,706</u>	<u>489,860</u>	<u>498,153</u>

Load Distribution and Staff Forecast

Contra Costa CCD

Total District Library Load

Reference: Chancellor's Office Forecast of Day-Graded Enrollment

(a)	Total Day-Graded (b)	Number of Campuses (c)	Initial ASF (3,795/Camp) (d)	First 3,000 Day Graded (3.83/DG) (e)	Between 3k - 9k (3.39/DG) (f)	Above 9,000 (2.94/DG) (g)	Total ASF (d+e+f+g)
2010/2011	30,220	4	15,180	11,490	20,340	62,387	109,397
2011/2012	30,732	4	15,180	11,490	20,340	63,892	110,902
2012/2013	31,252	4	15,180	11,490	20,340	65,421	112,431
2013/2014	31,781	4	15,180	11,490	20,340	66,976	113,986
2014/2015	32,319	4	15,180	11,490	20,340	68,558	115,568
2015/2016	32,866	4	15,180	11,490	20,340	70,166	117,176
2016/2017	33,422	4	15,180	11,490	20,340	71,801	118,811

Library Load by Campus or Location

Reference: Chancellor's Office Forecast of Day-Graded Enrollment

Campus	2010	2011	2012	2013	2014	2015	2016
Contra Costa College	24,034 (22%)	24,365 (22%)	24,701 (22%)	25,043 (22%)	25,390 (22%)	25,744 (22%)	26,103 (22%)
Diablo Valley College	60,420 (55%)	61,251 (55%)	62,096 (55%)	62,955 (55%)	63,828 (55%)	64,716 (55%)	65,619 (55%)
Los Medanos College	24,942 (23%)	25,286 (23%)	25,634 (23%)	25,989 (23%)	26,349 (23%)	26,716 (23%)	27,089 (23%)
Contra Costa District Office*	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
San Ramon Valley Center	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
Total	<u>109,397</u>	<u>110,902</u>	<u>112,431</u>	<u>113,986</u>	<u>115,568</u>	<u>117,176</u>	<u>118,811</u>

Load Distribution and Staff Forecast

Contra Costa CCD

Total District AV, Radio, TV Load

Reference: Chancellor's Office Forecast of Day-Graded Enrollment

(a)	Total Day-Graded (b)	Number of Campuses (c)	Initial ASF (3,500/Camp) (d)	First 3,000 Day Graded (1.50/DG) (e)	Between 3k - 9k (0.75/DG) (f)	Above 9,000 (0.25/DG) (g)	Total ASF (d+e+f+g)
2010/2011	30,220	4	14,000	4,500	4,500	5,305	28,305
2011/2012	30,732	4	14,000	4,500	4,500	5,433	28,433
2012/2013	31,252	4	14,000	4,500	4,500	5,563	28,563
2013/2014	31,781	4	14,000	4,500	4,500	5,695	28,695
2014/2015	32,319	4	14,000	4,500	4,500	5,830	28,830
2015/2016	32,866	4	14,000	4,500	4,500	5,967	28,967
2016/2017	33,422	4	14,000	4,500	4,500	6,106	29,106

AV, Radio, TV Load by Campus or Location

Reference: Chancellor's Office Forecast of Day-Graded Enrollment

Campus	2010	2011	2012	2013	2014	2015	2016
Contra Costa College	5,689 (20%)	5,715 (20%)	5,741 (20%)	5,768 (20%)	5,795 (20%)	5,822 (20%)	5,850 (20%)
Diablo Valley College	14,113 (50%)	14,177 (50%)	14,242 (50%)	14,307 (50%)	14,375 (50%)	14,443 (50%)	14,512 (50%)
Los Medanos College	7,147 (25%)	7,179 (25%)	7,212 (25%)	7,246 (25%)	7,280 (25%)	7,314 (25%)	7,349 (25%)
Contra Costa District Office*	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
San Ramon Valley Center	1,356 (5%)	1,362 (5%)	1,368 (5%)	1,375 (5%)	1,381 (5%)	1,387 (5%)	1,394 (5%)
Total	<u>28,305</u>	<u>28,433</u>	<u>28,563</u>	<u>28,695</u>	<u>28,830</u>	<u>28,967</u>	<u>29,106</u>

Five Year Construction Plan
Campus Lecture Capacity/Load Ratios

Contra Costa College

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
13	Music Building Remodel	0	0	2010/2011						
	Contra Costa College									
8	Classroom Bldg- Replacement Facility	1,956	4,135	2012/2013	113,958					
	Contra Costa College				199%					
5	Physical Education Modernization	-864	-1,827	2015/2016		112,131				
	Contra Costa College					187%				
17	Science and Allied Health - Replacement Building	-5,513	-11,655	2016/2017					100,476	
	Contra Costa College								164%	
19	Biological Sciences Reconstruction for Art	-875	-1,850	2016/2017					98,626	
	Contra Costa College								161%	
	Lecture Actual*/Projected WSCH			2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
51,946	Cumulative Capacity			56,219	57,170	58,138	59,122	60,123	61,141	62,176
	Capacity/Load Ratio			109,822	109,822	113,958	113,958	113,958	112,131	98,626
				195%	192%	196%	193%	190%	183%	159%

Five Year Construction Plan
Campus Laboratory Capacity/Load Ratios
 Contra Costa College

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
13	Music Building Remodel	0	0	2010/2011						
	Contra Costa College									
8	Classroom Bldg- Replacement Facility	976	-1,277	2012/2013	19,429					
	Contra Costa College				80%					
9	Student Activities- Replacement Building	6,558	2,591	2012/2013	22,019					
	Contra Costa College				91%					
5	Physical Education Modernization	1,395	569	2015/2016	22,589					
	Contra Costa College				89%					
17	Science and Allied Health - Replacement Building	23,661	10,172	2016/2017					32,761	
	Contra Costa College								126%	
19	Biological Sciences Reconstruction for Art	6,495	2,380	2016/2017					35,142	
	Contra Costa College								136%	
	Laboratory	Actual*/Projected	WSCH	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
52,533	Cumulative Capacity			23,814	24,217	24,627	25,044	25,468	25,899	26,337
	Capacity/Load Ratio			20,705	20,705	22,019	22,019	22,019	22,589	35,142
				87%	85%	89%	88%	86%	87%	133%

No.	Project	FTE	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
13	Music Building Remodel	0	0	2010/2011						
	Contra Costa College									
8	Classroom Bldg- Replacement Facility	-771	-6	2012/2013	288					
	Contra Costa College				109%					
9	Student Activities-Replacement Building	3,102	22	2012/2013	310					
	Contra Costa College				118%					
5	Physical Education Modernization	-120	-1	2015/2016				309		
	Contra Costa College							111%		
20	Gymnasium and Locker Room Reconstruction	0	0	2015/2016				309		
	Contra Costa College							111%		
24	Physical Science Reconstruction for Conference Center	1,000	7	2015/2016				316		
	Contra Costa College							114%		
17	Science and Allied Health - Replacement Building	1,708	12	2016/2017				328		
	Contra Costa College							116%		
19	Biological Sciences Reconstruction for Art	-570	-4	2016/2017				324		
	Contra Costa College							115%		
25	Performing Arts Reconstruction	0	0	2016/2017				324		
	Contra Costa College							115%		
	Office Actual*/Projected FTE			2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	41,066			258	263	268	273	278	283	285
	Cumulative Capacity			293	293	310	310	310	316	324
	Capacity/Load Ratio			114%	112%	116%	114%	112%	112%	114%

No. Project	Lib ASF	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
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8 Classroom Bldg- Replacement Facility
 -108 2012/2013
 Contra Costa College
 20,579
 83%

17 Science and Allied Health - Replacement Building
 -35 2016/2017
 Contra Costa College
 20,544
 79%

19 Biological Sciences Reconstruction for Art
 246 2016/2017
 Contra Costa College
 20,790
 80%

Library	Actual*/Projected ASF	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
20,687	24,365	24,701	25,043	25,390	25,744	26,103	26,467	26,790
Capacity/Load Ratio	85%	84%	82%	81%	80%	79%	79%	79%

Campus AV/TV Capacity/Load Ratios

Contra Costa College

No.	Project	AVTV ASF	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
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13 Music Building Remodel
0 2010/2011
Contra Costa College

9 Student Activities-Replacement Building
0 2012/2013
Contra Costa College

3,002
52%

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
AV/TV Actual*/Projected ASF	5,715	5,741	5,768	5,795	5,822	5,850	5,879
3,002 Cumulative Capacity	3,002	3,002	3,002	3,002	3,002	3,002	3,002
Capacity/Load Ratio	53%	52%	52%	52%	52%	51%	51%

Load Distribution and Staff Forecast

Contra Costa College

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Campus Load Distribution

Reference: Chancellor's Office Forecast

	Instructional Staff FTE	Total Campus WSCH	Off-Campus WSCH	On-Campus WSCH	P.E. Laboratory WSCH	On-Campus Lecture WSCH	On-Campus Laboratory WSCH
Actual Fall							
2008	227	87,478	5,336	82,141	5,339	54,624	22,178
2009	253	91,269	4,554	86,715	6,660	56,234	23,821
Forecast							
2010	253	89,720	4,477	85,243	6,547	55,280	23,416
2011	258	91,243	4,553	86,690	6,658	56,219	23,814
2012	263	92,788	4,630	88,158	6,771	57,170	24,217
2013	268	94,358	4,708	89,650	6,885	58,138	24,627
2014	273	95,956	4,788	91,168	7,002	59,122	25,044
2015	278	97,580	4,869	92,711	7,120	60,123	25,468
2016	283	99,232	4,952	94,280	7,241	61,141	25,899

Load Distribution and Staff Forecast

Contra Costa College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	219.0		219.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	17.0		17.0
Department Administrators	14.0		14.0
Librarians Include certificated director of audio/visual, et. al.	3.0	2.0	1.0
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	9.0	7.0	2.0
Fall 2010 Totals	262.0	9.0	253.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	224.0		224.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	17.0		17.0
Department Administrators	14.0		14.0
Librarians Include certificated director of audio/visual, et. al.	3.0	2.0	1.0
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	9.0	7.0	2.0
Fall 2011 Totals	267.0	9.0	258.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	229.0		229.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	17.0		17.0
Department Administrators	14.0		14.0
Librarians Include certificated director of audio/visual, et. al.	3.0	2.0	1.0
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	9.0	7.0	2.0
Fall 2012 Totals	272.0	9.0	263.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time expressed as Full-Time Equivalents devoted to noninstructional work.
Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Contra Costa College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	234.0		234.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	17.0		17.0
Department Administrators	14.0		14.0
Librarians Include certificated director of audio/visual, et. al.	3.0	2.0	1.0
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	9.0	7.0	2.0
Fall 2013 Totals	277.0	9.0	268.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Contra Costa College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	239.0		239.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	17.0		17.0
Department Administrators	14.0		14.0
Librarians Include certificated director of audio/visual, et. al.	3.0	2.0	1.0
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	9.0	7.0	2.0
Fall 2014 Totals	282.0	9.0	273.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Contra Costa College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	244.0		244.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	17.0		17.0
Department Administrators	14.0		14.0
Librarians Include certificated director of audio/visual, et. al.	3.0	2.0	1.0
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	9.0	7.0	2.0
Fall 2015 Totals	287.0	9.0	278.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	249.0		249.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	17.0		17.0
Department Administrators	14.0		14.0
Librarians Include certificated director of audio/visual, et. al.	3.0	2.0	1.0
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	9.0	7.0	2.0
Fall 2016 Totals	292.0	9.0	283.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Cum Sum of Existing and Proposed Space, 2011 - 2017

Contra Costa College

Cumulative Summary of Existing and Proposed Areas, 2011-2017

Priority and Year of Occupancy (a)	Classroom 100's (b)	Laboratory 200's (c)	Office 300's (d)	Library 400's (e)	AV Radio TV 530 - 535 (f)	P.E. 520 - 525 (g)	Assembly 610 - 625 (h)	Inactive 050 - 070 (i)	All Other Areas (j)	Total ASF (k)
Total ASF	51,946	52,533	41,066	20,687	3,002	40,805	9,800	15,988	55,025	290,852
5 2015/2016 Physical Education Modernization	-864	1,395	-120						-411	
	51,082	53,928	40,946						54,614	
8 2012/2013 Classroom Bldg- Replacement Facility	1,956	976	-771	-108					-7,987	-5,934
	53,038	54,904	40,175	20,579					46,627	284,918
9 2012/2013 Student Activities-Replacement Building		6,658	3,102						-131	9,629
		61,562	43,277						46,496	294,547
13 2010/2011 Music Building Remodel										
17 2016/2017 Science and Allied Health - Replacement Building	-5,513	23,661	1,708	-35					1,232	21,053
	47,525	85,223	44,985	20,544					47,728	315,600
19 2016/2017 Biological Sciences Reconstruction for Art	-875	6,495	-570	246					-673	4,623
	46,650	91,718	44,415	20,790					47,055	320,223
20 2015/2016 Gymnasium and Locker Room Reconstruction										
24 2015/2016 Physical Science Reconstruction for Conference Center			1,000						6,500	7,500
			45,415						53,555	327,723
25 2016/2017 Performing Arts Reconstruction										
Total Existing and Proposed Space	46,650	91,718	45,415	20,790	3,002	40,805	9,800	15,988	53,555	327,723

Capacity of Net Existing On-Campus ASF

Contra Costa College

Classrooms, Classroom Service (Room Type 100's)

	Net ASF	ASF/100 WSCH	Capacity WSCH
Totals	51,946	47.3	109,822

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0100 Agriculture and Natural Resources		492		0956 Manufacturing and Industrial Technology		385	
0116 Agricultural Power Equipment Technology		856		1000 Fine and Applied Arts	6,642	257	2,584
0200 Architecture and Related Technologies		257		1100 Foreign Language		150	
0300 Environmental Sciences and Technologies		235		1200 Health	3,297	214	1,541
0400 Biological Sciences	9,803	235	4,171	1300 Family and Consumer Sciences	2,590	257	1,008
0500 Business and Management		128		1400 Law		150	
0600 Media and Communications	3,370	214	1,575	1500 Humanities (Letters)		150	
0700 Information Technology	7,690	171	4,497	1600 Library Science		150	
0800 Education	344	321	107	1700 Mathematics		150	
0900 Engineering & Industrial Technologies		321		1800 Military Studies		214	
0945 Industrial Systems Technology and Mainte		556		1900 Physical Sciences	8,664	257	3,371
0946 Environmental Control Technology (HVAC)		556		2000 Psychology		150	
0947 Diesel Technology		856		2100 Public and Protective Services	962	214	450
0948 Automotive Technology	8,571	856	1,001	2200 Social Sciences	600	150	400
0949 Automotive Collison Repair		856		3000 Commercial Services		214	
0950 Aeronautical and Aviation Technology		749		4900 Interdisciplinary Studies		257	
0952 Construction Crafts Technology		749					
Totals					52,533		20,705
Campus Avg Lab ASF/100 WSCH						254	

Office and Office Service Areas (Room Type 300's)

	Net ASF	ASF per FTE	Capacity FTE
Totals	41,066	140	293

Project Intent And Scope

Contra Costa College

District Priority : **5 Physical Education Modernization**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$9,207,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2012/2013	2012/2013	2013/2014	2013/2014	2015/2016
Estimated Cost		\$517,000	\$389,000	\$7,955,000	\$346,000	

Explain why this project is needed:

The Physical Education Building will be remodeled to provide a modern circuit training laboratory/exercise facility, as well as aerobocize and other modern physical fitness and wellnessinstructional spaces. The current facility is over 36 years old and needs utility infrastructure, ADA code required improvements and restroom rennovation as a part of the remodeling. The remodeled building will be code compliant and offer improved instructional spaces for PE and Health that will allow for better student learning and increased enrollment.

District Priority No.: **5 Physical Education Modernization**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary		1,739	1,370			13,363	16,472
Project Secondary	-864	-344	-1,490			-13,774	-16,472
Project Net ASF	-864	1,395	-120			-411	0

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	-864	42.9	-2,014

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
4900 Interdisciplinary Studies	1,739	257	677	0800 Health Education	-344	321	-107
				Laboratory Totals	1,395		569

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	-120	140	-0.86

Project Intent And Scope

Contra Costa College

District Priority : **8 Classroom Bldg- Replacement Facility**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$27,294,256

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2009/2010	2009/2010	2010/2011	2011/2012	2012/2013
Estimated Cost		\$723,399	\$1,616,305	\$24,054,821	\$899,731	

Explain why this project is needed:

This project proposes to construct a replacement Classroom Building for the Humanities Building #11, and Liberal Arts Building #14. These facilities have been found to have seismic issues. The programs that will be served in this facility include English, Humanities, Social Sciences, English as a second language, and African American Studies. All classrooms will be outfitted for modern technology. The cost to construct a new replacement Classroom Building and to demolish the Humanities Building and Liberal Arts Building are included in this project.

District Priority No.: **8 Classroom Bldg- Replacement Facility**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary	14,680	5,200	6,190			1,500	27,570
Project Secondary	-12,724	-4,224	-6,961	-108		-9,487	-33,504
Project Net ASF	1,956	976	-771	-108		-7,987	-5,934

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	1,956	42.9	4,559

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
4900 Other Interdisciplinary Studies	5,200	257	2,023	0500 Business and Management	-4,224	128	-3,300
Laboratory Totals					976		-1,277

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	-771	140	-5.51

Project Intent And Scope

Contra Costa College

District Priority : **9 Student Activities-Replacement Building**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$34,252,782

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2009/2010	2009/2010	2010/2011	2011/2012	2012/2013
Estimated Cost		\$910,516	\$1,840,163	\$30,246,944	\$1,255,159	

Explain why this project is needed:

This project will replace the 37 year old Student Activities Building. The building will house the bookstore, student government offices, administration offices, cafe, dining area and cullinary arts program. The cost to demolish the current Student Activities is included as a part of this project.

District Priority No.: **9 Student Activities-Replacement Building**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary		9,045	9,380			18,865	37,290
Project Secondary		-2,387	-6,278			-18,996	-27,661
Project Net ASF		6,658	3,102			-131	9,629

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
1300 Nutrition, Foods, and Culinary Arts	9,045	257	3,519	1300 Nutrition, Foods, and Culinary Arts	-2,387	257	-929
Laboratory Totals					6,658		2,591

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	3,102	140	22.16

Project Intent And Scope

Contra Costa College

District Priority : **13 Music Building Remodel**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$4,673,000

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2008/2009	2008/2009	2009/2010	2009/2010	2010/2011
Estimated Cost		\$158,000	\$199,000	\$4,103,000	\$213,000	

Explain why this project is needed:

This project will remodel and equip the existing music building allowing for the delivery of modern instruction and programs. The project will modernize the building to house a multi-purpose electronic laboratory. Remodeled classrooms and laboratories will occur for the following: audio music, video music, interactive learning, desk top publishing, musical instrumental digital interface, electronic keyboard, music tutoring and record-keeping center.

Project Intent And Scope

Contra Costa College

District Priority No.: **13 Music Building Remodel**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary	3,118	3,360	495		404	865	8,242
Project Secondary	-3,118	-3,360	-495		-404	-865	-8,242
Project Net ASF							0

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
1000 Music	3,360	257	1,307	1000 Music	-3,360	257	-1,307
Laboratory Totals				0			0

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	0	140	0.00

Project Intent And Scope

Contra Costa College

District Priority : **17 Science and Allied Health - Replacement Building**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$65,247,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2013/2014	2013/2014	2014/2015	2014/2015	2016/2017
Estimated Cost		\$2,690,000	\$2,071,000	\$58,716,000	\$1,770,000	

Explain why this project is needed:

This project will construct a new Science and Allied Health Building that will consolidate the College's science and health program in one building. This building will provide modern and flexible learning and advanced science laboratories that will support the technology and science techniques of the 21st century. This project will also increase efficiency and will remedy other constraints such as: campus seismic constraints, inadequate infrastructure (HVAC and electrical) and accessibility (ADA compliance).

This new building will replace three existing buildings: Biological Science (1961), Physical Science (1957), and Health Sciences (1973). The laboratories found in these buildings were designed to teach the science and health services of that time period. Today, these laboratories not only lack the appropriate technology to deliver a modern science and allied health program, but also lack an ability to accommodate changing technology and advanced scientific and health services instrumentation and equipment. The ability to deliver the latest education in science and allied health occupations has become a necessity as the student population seeks to enhance their job skills and prepare to transfer to four-year institutions or seek employment opportunities. For the 2009/2010-school year, the College projects 24,277 laboratory WSCH and anticipates an annual growth of 3.4 percent. The existing facilities were not designed to support the WSCH growth or the technological advances these programs have experienced. Although these programs have taken steps to mitigate these factors, the ability to continue to effectively deliver these programs has been diminished.

Project Intent And Scope

Contra Costa College

District Priority No.: **17 Science and Allied Health - Replacement Building**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary	5,350	41,420	6,714	2,340		2,485	58,309
Project Secondary	-10,863	-17,759	-5,006	-2,375		-1,253	-37,256
Project Net ASF	-5,513	23,661	1,708	-35		1,232	21,053

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	-5,513	42.9	-12,851

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0400 Biological Sciences	15,755	235	6,704	0400 Biological Sciences	-9,177	235	-3,905
1200 Health	10,855	214	5,072	1200 Health	-1,568	214	-733
1900 Physical Sciences	14,390	257	5,599	1900 Physical Sciences	-7,014	257	-2,729
4900 Interdisciplinary Studies	420	257	163				
				Laboratory Totals	23,661		10,172

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	1,708	140	12.20

Project Intent And Scope

Contra Costa College

District Priority : **19 Biological Sciences Reconstruction for Art**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$11,378,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2014/2015	2014/2015	2015/2016	2015/2016	2016/2017
Estimated Cost		\$483,000	\$640,000	\$9,551,000	\$704,000	

Explain why this project is needed:

This project will construct a new art facility to replace the existing art building. The new art facility will be constructed on the site of the existing Biological Sciences Building after functions move out to the new Science Building. The project will activate space and provide functional instructional space with appropriate technology infrastructure for modern art instruction. This building will provide modern and flexible learning labs that will support the technology and techniques of the 21st century. This project will also increase efficiency and will remedy other constraints such as inadequate infrastructure (HVAC and electrical) and accessibility (ADA compliance). Upon completion of the project, the art programs will relocate to the new art facility. The graphic space from the Applied Arts Building will also be moved into the new renovated space.

Cost to demolish the Biological Science Building for Reconstruction has been included in the estimate. The existing Art Lab will be inactivated and removed from the inventory.

The cost to demolish the Science Lab Building is included as part of this proposal.

District Priority No.: **19 Biological Sciences Reconstruction for Art**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary	1,000	11,805	615	350		2,975	16,745
Project Secondary	-1,875	-5,310	-1,185	-104		-3,648	-12,122
Project Net ASF	-875	6,495	-570	246		-673	4,623

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	-875	42.9	-2,040

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
1000 Applied Design	1,540	257	599	0700 Information Technology	-750	171	-439
1000 Art (Painting, Drawing and Sculpture)	5,390	257	2,097	1000 Art (Painting, Drawing and Sculpture)	-4,560	257	-1,774
1000 Fine Arts, General	3,750	257	1,459				
1000 Photography	1,125	257	438				
				Laboratory Totals	6,495		2,380

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	-570	140	-4.07

Project Intent And Scope

Contra Costa College

District Priority : **20 Gymnasium and Locker Room Reconstruction**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$11,089,319

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2012/2013	2012/2013	2014/2015	2014/2015	2015/2016
Estimated Cost		\$473,808	\$629,899	\$9,635,769	\$349,843	

Explain why this project is needed:

This project proposes to renovate the Gymnasium (Building #10) and Locker Rooms (Buildings #19 and 29) to meet the educational needs and update the facilities to current standards. The buildings were built in 1957 and 1962. Cost to reconstruct the building includes seismic upgrades.

District Priority No.: **20 Gymnasium and Locker Room Reconstruction**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary			536			26,681	27,217
Project Secondary			-536			-26,681	-27,217
Project Net ASF							0

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
				Laboratory Totals	0		0

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	0	140	0.00

Project Intent And Scope

Contra Costa College

District Priority : **24 Physical Science Reconstruction for Conference Center**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$3,900,000

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2013/2014	2013/2014	2014/2015		2015/2016
Estimated Cost		\$500,000	\$500,000	\$2,900,000		

Explain why this project is needed:

This project will reconstruct the existing Physical Sciences Building after functions move out to the new Science Building. The project will activate space and provide conference & meeting room space for the College.

Project Intent And Scope

Contra Costa College

District Priority No.: **24 Physical Science Reconstruction for Conference Center**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary			1,000			6,500	7,500
Project Secondary							
Project Net ASF			1,000			6,500	7,500

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
Laboratory Totals				0			

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	1,000	140	7.14

Project Intent And Scope

Contra Costa College

District Priority : **25 Performing Arts Reconstruction**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$7,380,309

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2013/2014	2013/2014	2015/2016	2015/2016	2016/2017
Estimated Cost		\$292,390	\$388,190	\$5,836,031	\$863,698	

Explain why this project is needed:

The 32 year old Performing Arts Building is in need of a renovation to bring the building up to current codes and instructional standards. Additionally, there is a need to address seismic deficiencies in this building. This project will reconstruction the instructional space and bring the building up to current codes.

District Priority No.: **25 Performing Arts Reconstruction**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary			320			15,276	15,596
Project Secondary			-320			-15,276	-15,596
Project Net ASF							0

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
Laboratory Totals				0			

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	0	140	0.00

Project Intent And Scope

Contra Costa College

District Priority : **26 Maintenance and Operations Reconstruction**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$3,421,278

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2014/2015	2014/2015	2016/2017	2016/2017	2017/2018
Estimated Cost		\$131,186	\$177,779	\$2,747,445	\$364,868	

Explain why this project is needed:

Seismic deficiency and age of the facility have created a need for seismic upgrade and modernization. Reconstruction of these facilities will bring it up to current code and seismic standards and create greater operating efficiency. Costs for the reconstruction includes the seismic upgrades.

Project Intent And Scope

Contra Costa College

District Priority No.: **26 Maintenance and Operations Reconstruction**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary						5,423	5,423
Project Secondary						-5,423	-5,423
Project Net ASF							0

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
				Laboratory Totals	0		0

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	0	140	0.00

Project Intent And Scope

Contra Costa College

District Priority : **28 Football Press Box Reconstruction**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$598,592

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2015/2016	2015/2016	2016/2017	2016/2017	2017/2018
Estimated Cost		\$19,933	\$31,146	\$541,393	\$6,120	

Explain why this project is needed:

Seismic deficiency and age of facility has created a need to reconstruct/modify the existing press box. This project will reconstruct the Football Press Box. Costs to reconstruct includes necessary seismic upgrades to the building.

District Priority No.: **28 Football Press Box Reconstruction**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary						480	480
Project Secondary						-480	-480
Project Net ASF							0

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
				Laboratory Totals	0		0

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	0	140	0.00

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
10	Student Services Building			153,005						
	-6,284	-14,648	2011/2012	117%						
	Diablo Valley College									
11	Food Services/Culinary Arts				152,543					
	-198	-462	2012/2013	115%						
	Diablo Valley College									
6	Engineering Technology Renovation							152,755		
	91	212	2015/2016					109%		
	Diablo Valley College									
16	Art Building Consolidation									156,200
	1,478	3,445	2017/2018							108%
	Diablo Valley College									
23	Liberal Arts/Learning Ctr Replacemt									156,200
	0	0	2017/2018							108%
	Diablo Valley College									
27	Faculty Office Building #63 Replacement									
	5,000	11,655	2018/2019							
	Diablo Valley College									
	Lecture Actual*/Projected WSCH			2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	71,923	Cumulative Capacity		130,532	132,741	134,988	137,274	139,597	141,961	144,363
		Capacity/Load Ratio		128%	115%	113%	111%	109%	108%	106%
				167,653	153,005	152,543	152,543	152,543	152,755	152,755

Campus Laboratory Capacity/Load Ratios

Diablo Valley College

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
10	Student Services Building			44,961						
	-3,314	-1,938	2011/2012	83%						
	Diablo Valley College									
6	Engineering Technology Renovation							45,581		
	5,224	620	2015/2016					79%		
	Diablo Valley College									
16	Art Building Consolidation									48,504
	7,089	2,923	2017/2018							81%
	Diablo Valley College									
23	Liberal Arts/Learning Ctr Replacemt									48,504
	0	0	2017/2018							81%
	Diablo Valley College									
	Laboratory	Actual*/Projected WSCH		2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	106,384	Cumulative Capacity		53,911	54,823	55,751	56,695	57,655	58,631	59,623
		Capacity/Load Ratio		46,899	44,961	44,961	44,961	44,961	45,581	45,581
				87%	82%	81%	79%	78%	78%	76%

Campus Office Capacity/Load Ratios

Diablo Valley College

No.	Project	FTE	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
10	Student Services Building 7,720	55	2011/2012	616						
	Diablo Valley College			1.10%						
11	Food Services/Culinary Arts 0	0	2012/2013	616						
	Diablo Valley College			106%						
6	Engineering Technology Renovation -1,009	-7	2015/2016					609		
	Diablo Valley College							95%		
16	Art Building Consolidation 101	1	2017/2018							610
	Diablo Valley College									93%
23	Liberal Arts/Learning Ctr Replacement 0	0	2017/2018							610
	Diablo Valley College									93%
27	Faculty Office Building #63 Replacement -5,000	-36	2018/2019							
	Diablo Valley College									
	Office Actual*/Projected FTE			2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	78,523	Cumulative Capacity		562	582	602	622	642	648	652
		Capacity/Load Ratio		100%	106%	102%	99%	96%	94%	93%
				561	616	616	616	616	609	609

**Five Year Construction Plan
Campus Library Capacity/Load Ratios**
Diablo Valley College

No.	Project	Lib ASF	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
10	Student Services Building Diablo Valley College	1,200	2011/2012	40,250 66%						
6	Engineering Technology Renovation Diablo Valley College	-700	2015/2016					39,550 61%		
23	Liberal Arts/Learning Ctr Replacemnt Diablo Valley College	0	2017/2018							39,550 59%

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Library Actual*/Projected ASF	61,251	62,096	62,955	63,828	64,716	65,619	66,535
Cumulative Capacity	39,050	40,250	40,250	40,250	40,250	39,550	39,550
Capacity/Load Ratio	64%	65%	64%	63%	62%	60%	59%

**Five Year Construction Plan
Campus AV/TV Capacity/Load Ratios**
Diablo Valley College

No.	Project	AVTV ASF	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
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6 Engineering Technology Renovation
30 2015/2016
Diablo Valley College
10,120
70%

16 Art Building Consolidation
208 2017/2018
Diablo Valley College
10,328
71%

23 Liberal Arts/Learning Ctr Replacemnt
0 2017/2018
Diablo Valley College
10,328
71%

AV/TV 10,090	Actual*/Projected ASF Cumulative Capacity Capacity/Load Ratio	2011/2012 14,177 10,090 71%	2012/2013 14,242 10,090 71%	2013/2014 14,307 10,090 71%	2014/2015 14,375 10,090 70%	2015/2016 14,443 10,090 70%	2016/2017 14,512 10,120 70%	2017/2018 14,582 10,120 69%
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Load Distribution and Staff Forecast

Diablo Valley College

Campus Load Distribution

Reference: Chancellor's Office Forecast

	Instructional Staff FTE	Total Campus WSCH	Off-Campus WSCH	On-Campus WSCH	P.E. Laboratory WSCH	On-Campus Lecture WSCH	On-Campus Laboratory WSCH
Actual Fall							
2008	502	216,994	3,255	213,739	17,954	148,548	47,236
2009	522	218,956	20,560	198,396	17,141	146,793	34,461
Forecast							
2010	542	215,240	20,211	195,029	16,851	144,302	33,877
2011	562	218,901	20,555	198,346	13,904	130,532	53,911
2012	582	222,607	20,903	201,704	14,139	132,741	54,823
2013	602	226,375	21,257	205,118	14,379	134,988	55,751
2014	622	230,207	21,616	208,591	14,622	137,274	56,695
2015	642	234,104	21,982	212,122	14,870	139,597	57,655
2016	648	238,067	22,355	215,713	15,121	141,961	58,631

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	497.0		497.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	23.0		23.0
Department Administrators	13.0		13.0
Librarians Include certificated director of audio/visual, et. al.	4.0	4.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	16.0	7.0	9.0
Fall 2010 Totals	553.0	11.0	542.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time expressed as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Diablo Valley College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	517.0		517.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	23.0		23.0
Department Administrators	13.0		13.0
Librarians Include certificated director of audio/visual, et. al.	4.0	4.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	16.0	7.0	9.0
Fall 2011 Totals	573.0	11.0	562.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time expressed as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Diablo Valley College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	537.0		537.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	23.0		23.0
Department Administrators	13.0		13.0
Librarians Include certificated director of audio/visual, et. al.	4.0	4.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	16.0	7.0	9.0
Fall 2012 Totals	593.0	11.0	582.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time expressed as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Diablo Valley College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	557.0		557.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	23.0		23.0
Department Administrators	13.0		13.0
Librarians Include certificated director of audio/visual, et. al.	4.0	4.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	16.0	7.0	9.0
Fall 2013 Totals	613.0	11.0	602.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time expressed as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	577.0		577.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	23.0		23.0
Department Administrators	13.0		13.0
Librarians Include certificated director of audio/visual, et. al.	4.0	4.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	16.0	7.0	9.0
Fall 2014 Totals	633.0	11.0	622.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time expressed as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	597.0		597.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	23.0		23.0
Department Administrators	13.0		13.0
Librarians Include certificated director of audio/visual, et. al.	4.0	4.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	16.0	7.0	9.0
Fall 2015 Totals	653.0	11.0	642.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.
Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Diablo Valley College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	602.0		602.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	24.0		24.0
Department Administrators	13.0		13.0
Librarians Include certificated director of audio/visual, et. al.	4.0	4.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	16.0	7.0	9.0
Fall 2016 Totals	659.0	11.0	648.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time expressed as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Cum Sum of Existing and Proposed Space, 2011 - 2017

Diablo Valley College

Cumulative Summary of Existing and Proposed Areas, 2011-2017

Priority and Year of Occupancy (a)	Classroom 100's (b)	Laboratory 200's (c)	Office 300's (d)	Library 400's (e)	AV Radio TV 530 - 535 (f)	P.E. 520 - 525 (g)	Assembly 610 - 625 (h)	Inactive 050 - 070 (i)	All Other Areas (j)	Total ASF (k)
Total ASF	71,923	106,384	78,523	39,050	10,090	51,478	20,123	5,042	96,556	479,169
6 2015/2016 Engineering Technology Renovation	91	5,224	-1,009	-700	30				-3,636	
	72,014	111,608	77,514	38,350	10,120				92,920	
10 2011/2012 Student Services Building	-6,284	-3,314	7,720	1,200					585	-93
	65,730	108,294	85,234	39,550					93,505	479,076
11 2012/2013 Food Services/Culinary Arts	-198								2,269	2,071
	65,532								95,774	481,147
Total Existing and Proposed Space	65,532	108,294	85,234	39,550	10,120	51,478	20,123	5,042	95,774	481,147

Capacity of Net Existing On-Campus ASF

Diablo Valley College

Classrooms, Classroom Service (Room Type 100's)

	Net ASF	ASF/100 WSCH	Capacity WSCH
Totals	71,923	42.9	167,653

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0100 Agriculture and Natural Resources	1,426	492	290	0956 Manufacturing and Industrial Technology	2,321	385	603
0116 Agricultural Power Equipment Technology		856		1000 Fine and Applied Arts	23,862	257	9,285
0200 Architecture and Related Technologies		257		1100 Foreign Language	1,260	150	840
0300 Environmental Sciences and Technologies		235		1200 Health	3,142	214	1,468
0400 Biological Sciences	9,038	235	3,846	1300 Family and Consumer Sciences	1,485	257	578
0500 Business and Management	3,969	128	3,101	1400 Law		150	
0600 Media and Communications	2,866	214	1,339	1500 Humanities (Letters)	3,450	150	2,300
0700 Information Technology	14,784	171	8,646	1600 Library Science	720	150	480
0800 Education	549	321	171	1700 Mathematics	601	150	401
0900 Engineering & Industrial Technologies	10,577	321	3,295	1800 Military Studies		214	
0945 Industrial Systems Technology and Mainte	1,015	556	183	1900 Physical Sciences	24,186	257	9,411
0946 Environmental Control Technology (HVAC)		556		2000 Psychology		150	
0947 Diesel Technology		856		2100 Public and Protective Services		214	
0948 Automotive Technology		856		2200 Social Sciences	801	150	534
0949 Automotive Collison Repair		856		3000 Commercial Services		214	
0950 Aeronautical and Aviation Technology		749		4900 Interdisciplinary Studies	332	257	129
0952 Construction Crafts Technology		749					
				Totals	106,384		46,899
				Campus Avg Lab ASF/100 WSCH		227	

Office and Office Service Areas (Room Type 300's)

	Net ASF	ASF per FTE	Capacity FTE
Totals	78,523	140	561

Project Intent And Scope

Diablo Valley College

District Priority : **6 Engineering Technology Renovation**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$21,380,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2012/2013	2012/2013	2013/2014	2013/2014	2015/2016
Estimated Cost		\$1,001,000	\$831,000	\$17,808,000	\$1,740,000	

Explain why this project is needed:

This project will remodel the Engineering/Technology Center. The building has undergone several remodels and changes to serve new programs. It is limited by technology constraints, and this remodel will address instructional delivery issues for a Computer Network Technician Program. The remodel will also expand spaces available to the Construction Technologies Program and correct a number of layout and logistical deficiencies within the building. The television/drama studio will also be expanded to allow for greater utilization related to distance education.

District Priority No.: **6 Engineering Technology Renovation**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary	3,018	22,678	1,404		286		27,386
Project Secondary	-2,927	-17,454	-2,413	-700	-256	-3,636	-27,386
Project Net ASF	91	5,224	-1,009	-700	30	-3,636	0

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	91	42.9	212

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0900 Civil and Construction Management Te	2,714	321	845	0700 Information Technology	-2,380	171	-1,392
0900 Drafting Technology	8,535	321	2,659				
0900 Electronics and Electric Technology	4,408	321	1,373				
				0900 Engineering & Industrial Technologies	-10,577	321	-3,295
0946 Environmental Control Technology (HV)	5,090	556	915	0945 Industrial Systems Technology and Mai	-1,015	556	-183
1000 Dramatic Arts	1,171	257	456				
4900 Interdisciplinary Studies	760	257	296	0956 Manufacturing and Industrial Technolo	-2,321	385	-603
				1000 Dramatic Arts	-1,161	257	-452
				Laboratory Totals	5,224		620

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	-1,009	140	-7.21

Project Intent And Scope

Diablo Valley College

District Priority : **10 Student Services Building**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$11,750,000

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2007/2008	2008/2009	2009/2010	2010/2011	2011/2012
Estimated Cost		\$315,000	\$444,000	\$10,241,000	\$750,000	

Explain why this project is needed:

This project will replace the 25,653 asf Business Education Building. The new building will house all of the student services that are currently scattered throughout the campus into one large facility. This building will provide a "one stop" service center for all student services. This project is happening in conjunction with the Food Service building project.

District Priority No.: **10 Student Services Building**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary		1,527	14,159	1,200		9,521	26,407
Project Secondary	-6,284	-4,841	-6,439			-8,936	-26,500
Project Net ASF	-6,284	-3,314	7,720	1,200		585	-93

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	-6,284	42.9	-14,648

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0700 Information Technology	1,527	171	893	0700 Information Technology	-4,841	171	-2,831
				Laboratory Totals	-3,314		-1,938

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	7,720	140	55.14

Project Intent And Scope

Diablo Valley College

District Priority : **11 Food Services/Culinary Arts**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$10,756,582

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2008/2009	2009/2010	2010/2011	2011/2012	2012/2013
Estimated Cost		\$477,280	\$529,302	\$9,750,000	\$0	

Explain why this project is needed:

The new facility will house the College's main food service in a centralized location, and will house the Culinary Arts Program instruction, demonstration, and cooking spaces. This facility will replace the existing Student Activities Building #18, which is aged and beyond its useful life.

District Priority No.: **11 Food Services/Culinary Arts**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary			520			20,000	20,520
Project Secondary	-198		-520			-17,731	-18,449
Project Net ASF	-198					2,269	2,071

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	-198	42.9	-462

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect			Secondary Effect				
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
			Laboratory Totals			0	0

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	0	140	0.00

Project Intent And Scope

Diablo Valley College

District Priority : **16 Art Building Consolidation**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$26,138,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2014/2015	2014/2015	2015/2016	2016/2017	2017/2018
Estimated Cost		\$719,000	\$1,070,000	\$24,066,000	\$283,000	

Explain why this project is needed:

Demolish and replace the existing Arts Building #70 in order to provide functional facilities to support Art instruction. Facilities problems include: 1 – Art instruction is dispersed in many locations on campus; 2 – The building has been modified a number of times and space is very inefficient; 3 – There is insufficient instructional technology infrastructure to support Art programs; 4 – The building structure has seismic deficiencies; 5 – Building systems are aged and dysfunctional; 6 – Restrooms are undersized to meet current codes.

District Priority No.: **16 Art Building Consolidation**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary	2,710	23,109	1,309		208	2,712	30,048
Project Secondary	-1,232	-16,020	-1,208			-1,437	-19,897
Project Net ASF	1,478	7,089	101		208	1,275	10,151

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	1,478	42.9	3,445

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0600 Digital Media	974	214	455				
0600 Media and Communications	1,138	214	532				
1000 Art (Painting, Drawing and Sculpture)	20,997	257	8,170	1000 Art (Painting, Drawing and Sculpture)	-16,020	257	-6,233
				Laboratory Totals	7,089		2,923

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	101	140	0.72

Project Intent And Scope

Diablo Valley College

District Priority : **23 Liberal Arts/Learning Ctr Replacem**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$20,250,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2015/2016	2015/2016	2016/2017	2016/2017	2017/2018
Estimated Cost		\$905,000	\$757,000	\$18,588,000	\$0	

Explain why this project is needed:

Demolish and replace the existing Liberal Arts Building #62 and the Learning Center #61 in order to provide integrated, functional facilities to support instruction and tutorial support services. Facilities problems include: 1 – Instructional spaces are inappropriately sized and inefficient; 2 – There is insufficient instructional technology infrastructure to support the instructional programs; 3 – Space will be vacated as functions move to new locations; 4 - The building structure has seismic deficiencies; 5 – Building systems are aged and dysfunctional; 6 – Restrooms are undersized to meet current codes; 7 - The building does not meet current ADA codes.

District Priority No.: **23 Liberal Arts/Learning Ctr Replacem**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary	15,500	4,149	1,768	7,325	135		28,877
Project Secondary	-15,500	-4,149	-1,768	-7,325	-135		-28,877
Project Net ASF							0

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0700 Information Technology	434	171	254	0700 Information Technology	-434	171	-254
1500 Humanities (Letters)	3,114	150	2,076	1500 Humanities (Letters)	-3,114	150	-2,076
1700 Mathematics	601	150	401	1700 Mathematics	-601	150	-401
				Laboratory Totals	0		0

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	0	140	0.00

Project Intent And Scope

Diablo Valley College

District Priority : **27 Faculty Office Building #63 Replacement**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$8,100,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2016/2017	2015/2016	2017/2018		2018/2019
Estimated Cost		\$400,000	\$400,000	\$7,300,000		

Explain why this project is needed:

Demolish and replace the existing Faculty Office Bldg #63 in order to provide functional facilities to support instruction and create integrated interdisciplinary learning environments. Facilities problems include: 1 – Space are poorly configured and the building is very inefficient; 2 – There is insufficient instructional technology infrastructure; 3 – The building structure has seismic deficiencies; 4 – Building systems are aged and dysfunctional; 5 – Restrooms are undersized to meet current codes.

District Priority No.: **27 Faculty Office Building #63 Replacement**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary	5,751		5,690			294	11,735
Project Secondary	-751		-10,690			-294	-11,735
Project Net ASF	5,000		-5,000				0

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	5,000	42.9	11,655

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
Laboratory Totals					0		0

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	-5,000	140	-35.71

Five Year Construction Plan
Campus Lecture Capacity/Load Ratios
 Los Medanos College

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
14	Remodel for Student Services				77,507					
	-809	-1,710	2012/2013		113%					
	Los Medanos College									
15	New Brentwood Campus, Phase 1								77,051	
	-216	-457	2016/2017						105%	
	Los Medanos College									

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Lecture Actual*/Projected WSCH	67,748	68,895	70,061	71,247	72,453	73,679	74,927
37,470 Cumulative Capacity	79,218	79,218	77,507	77,507	77,507	77,507	77,051
Capacity/Load Ratio	117%	115%	111%	109%	107%	105%	103%

Five Year Construction Plan
Campus Laboratory Capacity/Load Ratios
 Los Medanos College

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
4	Art Area Remodel									
	0	0	2009/2010							
	Los Medanos College									
12	Nursing and EMT Renovation									
	7,195	3,362	2011/2012	34,476						
	Los Medanos College			96%						
14	Remodel for Student Services									
	-2,720	-1,271	2012/2013	33,205						
	Los Medanos College			91%						
7	Physical Education Building									
	1,200	374	2015/2016	33,579						
	Los Medanos College			88%						
15	New Brentwood Campus, Phase 1									
	5,752	2,311	2016/2017	35,890						
	Los Medanos College			92%						
	Laboratory Actual*/Projected WSCH			2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	76,510			35,876	36,483	37,101	37,729	38,368	39,017	39,678
	Cumulative Capacity			31,114	34,476	33,205	33,205	33,205	33,579	35,890
	Capacity/Load Ratio			87%	94%	89%	88%	87%	86%	90%

**Five Year Construction Plan
Campus Office Capacity/Load Ratios**
Los Medanos College

No.	Project	Off ASF	FTE	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
4	Art Area Remodel										
	0	0	0	2009/2010							
	Los Medanos College										
12	Nursing and EMT Renovation										
	1,585	11	2011/2012	270							
	Los Medanos College 92%										
14	Remodel for Student Services										
	6,610	47	2012/2013	317							
	Los Medanos College 104%										
18	Student Activities Center										
	276	2	2013/2014	319							
	Los Medanos College 102%										
7	Physical Education Building										
	894	6	2015/2016	326							
	Los Medanos College 97%										
15	New Brentwood Campus, Phase 1										
	1,096	8	2016/2017	334							
	Los Medanos College 99%										
21	Gym - Modernization										
	-480	-3	2016/2017	330							
	Los Medanos College 98%										
22	Men's and Women's Locker Room Buildings Replacement										
	-42	0	2017/2018	330							
	Los Medanos College 97%										
	Office Actual*/Projected FTE				2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	36,253	Cumulative Capacity			294	304	314	324	336	338	340
		Capacity/Load Ratio			88%	89%	101%	99%	95%	96%	97%
					259	270	317	319	319	326	330

Five Year Construction Plan
Campus Library Capacity/Load Ratios
 Los Medanos College

No.	Project	Lib ASF	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
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14	Remodel for Student Services Los Medanos College	3,529	2012/2013	29,877	117%					
15	New Brentwood Campus, Phase 1 Los Medanos College	1,000	2016/2017	30,877	114%					

Library	Actual*/Projected ASF	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
26,348	26,348	25,286	25,634	25,989	26,349	26,716	27,089	27,467
	Cumulative Capacity	26,348	26,348	29,877	29,877	29,877	29,877	30,877
	Capacity/Load Ratio	104%	103%	115%	113%	112%	110%	112%

Campus AV/TV Capacity/Load Ratios

Los Medanos College

No.	Project	AV/TV ASF	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
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15 New Brentwood Campus, Phase 1
 -182 2016/2017
 Los Medanos College

3,763
 51%

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
AV/TV Actual*/Projected ASF	7,179	7,212	7,246	7,280	7,314	7,349	7,385
3,945 Cumulative Capacity	3,945	3,945	3,945	3,945	3,945	3,945	3,763
Capacity/Load Ratio	55%	55%	54%	54%	54%	54%	51%

Load Distribution and Staff Forecast

Los Medanos College

Campus Load Distribution

Reference: Chancellor's Office Forecast

	Instructional Staff FTE	Total Campus WSCH	Off-Campus WSCH	On-Campus WSCH	P.E. Laboratory WSCH	On-Campus Lecture WSCH	On-Campus Laboratory WSCH
Actual Fall							
2008	270	109,889	15,165	94,725	3,694	55,603	35,427
2009	278	125,984	16,554	109,430	5,789	67,759	35,882
Forecast							
2010	286	123,846	16,273	107,573	5,691	66,609	35,273
2011	294	125,963	16,552	109,412	5,788	67,748	35,876
2012	304	128,096	16,832	111,264	5,886	68,895	36,483
2013	314	130,264	17,117	113,147	5,985	70,061	37,101
2014	324	132,469	17,406	115,063	6,087	71,247	37,729
2015	336	134,712	17,701	117,010	6,190	72,453	38,368
2016	338	136,992	18,001	118,991	6,295	73,679	39,017

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	260.0		260.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	14.0		14.0
Department Administrators	4.0		4.0
Librarians Include certificated director of audio/visual, et. al.	3.0	3.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	12.0	4.0	8.0
Fall 2010 Totals	293.0	7.0	286.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.
Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	268.0		268.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	14.0		14.0
Department Administrators	4.0		4.0
Librarians Include certificated director of audio/visual, et. al.	3.0	3.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	12.0	4.0	8.0
Fall 2011 Totals	301.0	7.0	294.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.
Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	278.0		278.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	14.0		14.0
Department Administrators	4.0		4.0
Librarians Include certificated director of audio/visual, et. al.	3.0	3.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	12.0	4.0	8.0
Fall 2012 Totals	311.0	7.0	304.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.
Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Los Medanos College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	288.0		288.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	14.0		14.0
Department Administrators	4.0		4.0
Librarians Include certificated director of audio/visual, et. al.	3.0	3.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	12.0	4.0	8.0
Fall 2013 Totals	321.0	7.0	314.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	298.0		298.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	14.0		14.0
Department Administrators	4.0		4.0
Librarians Include certificated director of audio/visual, et. al.	3.0	3.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	12.0	4.0	8.0
Fall 2014 Totals	331.0	7.0	324.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Los Medanos College

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	310.0		310.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	14.0		14.0
Department Administrators	4.0		4.0
Librarians Include certificated director of audio/visual, et. al.	3.0	3.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	12.0	4.0	8.0
Fall 2015 Totals	343.0	7.0	336.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors	312.0		312.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	14.0		14.0
Department Administrators	4.0		4.0
Librarians Include certificated director of audio/visual, et. al.	3.0	3.0	
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	12.0	4.0	8.0
Fall 2016 Totals	345.0	7.0	338.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time expressed as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Cum Sum of Existing and Proposed Space, 2011 - 2017

Los Medanos College

Cumulative Summary of Existing and Proposed Areas, 2011-2017

Priority and Year of Occupancy (a)	Classroom 100's (b)	Laboratory 200's (c)	Office 300's (d)	Library 400's (e)	AV Radio TV 530 - 535 (f)	P.E. 520 - 525 (g)	Assembly 610 - 625 (h)	Inactive 050 - 070 (i)	All Other Areas (j)	Total ASF (k)
Total ASF	37,470	76,510	36,253	26,348	3,945	35,202	7,314	12,740	44,283	280,065
7 2015/2016 Physical Education Building		1,200 77,710	894 37,147						12,285 56,568	14,379 294,444
12 2011/2012 Nursing and EMT Renovation		7,195 84,905	1,585 38,732						-8,780 47,788	
14 2012/2013 Remodel for Student Services	-809 36,661	-2,720 82,185	6,610 45,342	3,529 29,877						6,610 301,054
15 2016/2017 New Brentwood Campus, Phase 1	-216 36,445	5,752 87,937	1,096 46,438	1,000 30,877	-182 3,763				10,312 58,100	17,762 318,816
18 2013/2014 Student Activities Center			276 46,714						640 58,740	916 319,732
21 2016/2017 Gym - Modernization			-480 46,234							-480 319,252
Total Existing and Proposed Space	36,445	87,937	46,234	30,877	3,763	35,202	7,314	12,740	58,740	319,252

Capacity of Net Existing On-Campus ASF

Los Medanos College

Classrooms, Classroom Service (Room Type 100's)

	Net ASF	ASF/100 WSCH	Capacity WSCH
Totals	37,470	47.3	79,218

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0100 Agriculture and Natural Resources		492		0956 Manufacturing and Industrial Technology	5,113	385	1,328
0116 Agricultural Power Equipment Technology		856		1000 Fine and Applied Arts	11,200	257	4,358
0200 Architecture and Related Technologies		257		1100 Foreign Language		150	
0300 Environmental Sciences and Technologies		235		1200 Health	2,720	214	1,271
0400 Biological Sciences	8,399	235	3,574	1300 Family and Consumer Sciences	856	257	333
0500 Business and Management	2,974	128	2,323	1400 Law		150	
0600 Media and Communications	819	214	383	1500 Humanities (Letters)	1,127	150	751
0700 Information Technology	8,247	171	4,823	1600 Library Science		150	
0800 Education		321		1700 Mathematics	5,664	150	3,776
0900 Engineering & Industrial Technologies	9,894	321	3,082	1800 Military Studies		214	
0945 Industrial Systems Technology and Mainte		556		1900 Physical Sciences	9,625	257	3,745
0946 Environmental Control Technology (HVAC)		556		2000 Psychology		150	
0947 Diesel Technology		856		2100 Public and Protective Services		214	
0948 Automotive Technology	9,264	856	1,082	2200 Social Sciences		150	
0949 Automotive Collison Repair		856		3000 Commercial Services	608	214	284
0950 Aeronautical and Aviation Technology		749		4900 Interdisciplinary Studies		257	
0952 Construction Crafts Technology		749					
				Totals	76,510		31,114
				Campus Avg Lab ASF/100 WSCH		246	

Office and Office Service Areas (Room Type 300's)

	Net ASF	ASF per FTE	Capacity FTE
Totals	36,253	140	259

Project Intent And Scope

Los Medanos College

District Priority : **1 Learning Resource Center**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$10,323,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2001/2002	2002/2003	2003/2004	2003/2004	2005/2006
Estimated Cost		\$359,000	\$284,000	\$8,842,000	\$838,000	

Explain why this project is needed:

This project will construct a new Library adjacent to the main entrance of the college. The library is needed to replace the current library space which is grossly segmented, ill conceived and inadequate. The small floor areas of the four story core building do not provide any study space, very limited collection space and no AV/technology areas. A new, modern and appropriately sized library will serve all programs of the college and provide a much needed central focus point and resource to the college's learning environment.

District Priority No.: **1 Learning Resource Center**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary							
Project Secondary							
Project Net ASF							0

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
				Laboratory Totals	0		0

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	0	140	0.00

Project Intent And Scope

Los Medanos College

District Priority : **2 Math and Science Buildings**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$25,338,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2002/2003	2003/2004	2004/2005	2006/2007	2007/2008
Estimated Cost		\$644,000	\$970,000	\$21,386,000	\$2,338,000	

Explain why this project is needed:

This project will provide a major 35,000-asf Science Building and a 14,970 asf Math Building. The project will provide new classrooms and labs for science, mathematics and technology curricula. Instructional space for Science and Math has been in constant use for the last 30 years, and with increasing demand for this curricula, are currently inadequate for existing enrollments.

District Priority No.: **2 Math and Science Buildings**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary							
Project Secondary							
Project Net ASF							0

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect			Secondary Effect				
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
			Laboratory Totals			0	0

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	0	140	0.00

Project Intent And Scope

Los Medanos College

District Priority : **3 Core Building Remodel**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$3,387,000

Anticipated Source(s) of Funds : State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2005/2006	2005/2006	2006/2007	2006/2007	2009/2010
Estimated Cost		\$78,000	\$104,000	\$2,807,000	\$398,000	

Explain why this project is needed:

The present Learning Resources Building, `Core Building`, is comprised of 12,657 ASF four story tower building which houses the college Learning Resource Center. Each floor is approximately 3,100 ASF. The construction of a new library building will create a vacancy in the core building spaces and provide an opportunity to remodel the space. This project will remodel two and one half floors, approx 7,750 asf for computer classrooms and offices. The layout, separation of space and access to the core building lends itself to this purpose and will provide lecture and laboratory space for the college in a cost effective and timely manner due to the fact it is a remodel, not new space.

Project Intent And Scope

Los Medanos College

District Priority No.: **3 Core Building Remodel**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary							
Project Secondary							
Project Net ASF							0

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
				Laboratory Totals	0		0

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	0	140	0.00

Project Intent And Scope

Los Medanos College

District Priority : **4 Art Area Remodel**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$2,470,000

Anticipated Source(s) of Funds : State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2006/2007	2006/2007	2007/2008		2009/2010
Estimated Cost		\$92,000	\$117,000	\$2,261,000		

Explain why this project is needed:

This project will make use of space in the main College Complex that is being vacated by the move of Computer Science and the Cisco Academy. As this space is currently bordered on both sides by the Art Department lab spaces that are less than minimally functional, this proposal will allow the Art facilities to expand by remodeling for a teaching lab and storage facilities. The current art facilities are clearly inadequate: multiple classes are scheduled in the same room, often simultaneously. These classes are separated only by movable curtains and are incompatible in terms of noise and materials used. (Machine tools and typical ceramic processes make it difficult if not impossible for a lecture or slide presentation in other parts of the room. Clay dust settles on everything, including slides and wet paintings). This project allows the separation of two-dimensional arts into dedicated lab spaces that will facilitate pedagogical processes and mitigate many environmental concerns (noise and dust) while enhancing student and staff safety. Larger working spaces will allow the possibility of offering actual sculpture courses to enhance our existing ceramics course offerings. Additional classroom space in this facility would offer a space for lecture, critique and slide presentations to all aspects of the Art Program, conveniently close to labs, where materials and processes may be demonstrated safely. This physical expansion will allow expansion of the curriculum and enrollment simultaneously.

Project Intent And Scope

Los Medanos College

District Priority No.: **4 Art Area Remodel**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary		7,377	394				7,771
Project Secondary		-7,377	-394				-7,771
Project Net ASF							0

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
1000 Art (Painting, Drawing and Sculpture)	7,377	257	2,870	1000 Art (Painting, Drawing and Sculpture)	-7,377	257	-2,870
Laboratory Totals				0			

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	0	140	0.00

Project Intent And Scope

Los Medanos College

District Priority : **7 Physical Education Building**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$13,608,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2012/2013	2012/2013	2013/2014	2013/2014	2015/2016
Estimated Cost		\$640,000	\$479,000	\$12,277,000	\$212,000	

Explain why this project is needed:

This Project will construct a new, 19,449 ASF building to replace three (3) existing portable buildings and to provide additional Physical Education instructional lab, training spaces and Division and Faculty/Staff offices at Los Medanos College.

The new building will provide a modern circuit training laboratory/exercise facility, adaptive physical exercise, cardio vascular conditioning, aerobics and other modern physical fitness and personal wellness instructional spaces.

District Priority No.: **7 Physical Education Building**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary		1,200	1,614			16,635	19,449
Project Secondary			-720			-4,350	-5,070
Project Net ASF		1,200	894			12,285	14,379

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0800 Education, General (Pre-Professional)(1,200	321	374				
Laboratory Totals					1,200		374

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	894	140	6.39

Project Intent And Scope

Los Medanos College

District Priority : **12 Nursing and EMT Renovation**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$5,600,000

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2009/2010	2009/2010	2010/2011	2011/2012	2011/2012
Estimated Cost		\$194,000	\$294,000	\$4,787,000	\$325,000	

Explain why this project is needed:

AJ 7-10-06:

This project will remodel and reactivate 8,915 ASF in the 900 wing of the existing College Complex to house Nursing and EMT instruction. This space will become available when the Science Department moves to the new Math and Sciences buildings. Nursing will be relocated from the 400 wing, and the vacated space will be reused by other functions.

The project will provide instructional space for the Vocational and Registered Nursing Programs and the EMT Program into a single health Science instructional facility that will provide for productive use of classrooms and labs by programs with related curricula.

Project Intent And Scope

Los Medanos College

District Priority No.: **12 Nursing and EMT Renovation**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary		7,195	1,585			135	8,915
Project Secondary						-8,915	-8,915
Project Net ASF		7,195	1,585			-8,780	0

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
1200 Emergency Medical Services	1,324	214	619				
1200 Nursing	5,871	214	2,743				
Laboratory Totals	7,195		3,362				

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	1,585	140	11.32

Project Intent And Scope

Los Medanos College

District Priority : **14 Remodel for Student Services**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$8,152,336

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2009/2010	2010/2011	2011/2012	2011/2012	2012/2013
Estimated Cost		\$402,139	\$397,206	\$7,352,991	\$0	

Explain why this project is needed:

This project will remodel the 400 wing of the College Complex including the area that formerly housed Nursing. The space will be reconfigured for expanded Student Services functions. The project will centralize and expand the college's student services into a "one stop" service approach which will integrate all student support services.

District Priority No.: **14 Remodel for Student Services**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary			8,500	4,004		180	12,684
Project Secondary	-809	-2,720	-1,890	-475		-180	-6,074
Project Net ASF	-809	-2,720	6,610	3,529			6,610

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	-809	42.9	-1,886

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
				1200 Health	-2,720	214	-1,271
				Laboratory Totals	-2,720		-1,271

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	6,610	140	47.21

Project Intent And Scope

Los Medanos College

District Priority : **15 New Brentwood Campus, Phase 1**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$34,101,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2013/2014	2013/2014	2014/2015	2015/2016	2016/2017
Estimated Cost		\$1,080,000	\$2,223,000	\$24,903,000	\$895,000	

Explain why this project is needed:

This project will provide an outreach center to provide educational opportunities to the rapidly growing communities in the eastern portion of Los Medanos College's service area. This area remains one of the few locations where affordable housing is available in the Bay Area. As the rapid growth continues, smaller communities such as Brentwood and Byron are being transformed into highly populated suburban cities similar to Antioch and Pittsburgh. An outreach center will relieve pressures on LMC and provide a more efficient and traffic sensitive solution for providing programs and services to the citizens of the area. The new campus will be built in two phases, with the second phase potentially 5-10 years following completion of phase 1.

Project Intent And Scope

Los Medanos College

District Priority No.: **15 New Brentwood Campus, Phase 1**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary	4,150	9,550	2,450	1,000		10,790	27,940
Project Secondary	-4,366	-3,798	-1,354		-182	-478	-10,178
Project Net ASF	-216	5,752	1,096	1,000	-182	10,312	17,762

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	-216	42.9	-503

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0400 Biological Sciences	2,000	235	851	1900 Physical Sciences	-1,326	257	-516
1900 Physical Sciences	2,000	257	778	4900 Biological and Physical Sciences (and	-806	257	-314
4900 Biological and Physical Sciences (and	650	257	253	4900 Interdisciplinary Studies	-1,666	257	-648
4900 Interdisciplinary Studies	4,900	257	1,907				
				Laboratory Totals	5,752		2,311

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	1,096	140	7.83

Project Intent And Scope

Los Medanos College

District Priority : **18 Student Activities Center**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$8,398,000

Anticipated Source(s) of Funds : Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2011/2012	2011/2012	2012/2013	2012/2013	2013/2014
Estimated Cost		\$507,000	\$349,000	\$7,102,000	\$440,000	

Explain why this project is needed:

The new Student Activities Center will complete the new campus quad and provide the College with appropriately sized student support services including food service, student activities and student offices.

District Priority No.: **18 Student Activities Center**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary			500			12,500	13,000
Project Secondary			-224			-11,860	-12,084
Project Net ASF			276			640	916

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
				Laboratory Totals	0		0

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	276	140	1.97

Project Intent And Scope

Los Medanos College

District Priority : **21 Gym - Modernization**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$8,422,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2014/2015	2014/2015	2015/2016		2016/2017
Estimated Cost		\$308,000	\$426,000	\$7,688,000		

Explain why this project is needed:

This project will modernize the Gymnasium Building to bring it up to modern operational standards and current seismic and ADA codes. The Gymnasium is an important facility for College PE and Intercollegiate Athletics, as well as a community use facility. This modernization project eliminates 480 ASF of office space from the campus space inventory.

District Priority No.: **21 Gym - Modernization**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary						18,456	18,456
Project Secondary			-480			-18,456	-18,936
Project Net ASF			-480				-480

Project Net Capacity

Classrooms, Classroom Service (Room Type 100's)	Net ASF	ASF/100 WSCH	Capacity WSCH
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
				Laboratory Totals	0		0

Office and Office Service Areas (Room Type 300's)	Net ASF	ASF per FTE	Capacity FTE
Office Totals	-480	140	-3.43

Project Intent And Scope

Los Medanos College

District Priority : **22 Men's and Women's Locker Room Buildings Replacement**

Project Type : Site Acquisition New Construction Reconstruction
 Replacement Infrastructure Equipment

Total Estimated Costs : \$6,893,000

Anticipated Source(s) of Funds : State and Non-State

Type of construction :

Seismic Retrofit :

If Existing - Age :

If Existing - Condition :

Anticipated Time Schedule

	Land Acquisition	Preliminary Plans	Working Drawing	Construction	Equipment	Occupancy
Year		2014/2015	2014/2015	2015/2016	2015/2016	2017/2018
Estimated Cost		\$230,000	\$280,000	\$6,342,000	\$41,000	

Explain why this project is needed:

This project will replace the men's and women's Locker Room Buildings which are significantly outdated and non-functional to the current day needs of the college. The locker buildings are not configured for the intercollegiate athletics programs and training program needs of the college. The wood frame and wood sided buildings, as well as building HVAC, plumbing and electrical systems are at the end of their life cycle. Because these buildings comprise a "building complex, they will be demolished and replaced as one new building.

Project Intent And Scope

Los Medanos College

District Priority No.: **22 Men's and Women's Locker Room Buildings Replacement**

Outline of Project Space - Buildings and Remodelings

	Classroom Type 100's	Laboratory 210 - 255	Office Type 300's	Library Type 400's	AV - TV 530 - 535	All Other	Total ASF
Project Primary			150			11,633	11,783
Project Secondary			-192			-9,164	-9,356
Project Net ASF			-42			2,469	2,427

Project Net Capacity

	Net ASF	ASF/100 WSCH	Capacity WSCH
Classrooms, Classroom Service (Room Type 100's)			
Classroom Totals	0	42.9	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

Primary Effect				Secondary Effect			
TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
				Laboratory Totals	0		0

	Net ASF	ASF per FTE	Capacity FTE
Office and Office Service Areas (Room Type 300's)			
Office Totals	-42	140	-0.30

Campus Laboratory Capacity/Load Ratios

Contra Costa District Office*

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	Lab ASF									

Laboratory	Actual*/Projected WSCH	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
0	Cumulative Capacity	0	0	0	0	0	0	0
	Capacity/Load Ratio							

Campus Office Capacity/Load Ratios

Contra Costa District Office*

No. Project	FTE	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Off ASF									

Office	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Actual*/Projected FIE	0	0	0	0	0	0	0
Cumulative Capacity	64	64	64	64	64	64	64
Capacity/Load Ratio							

Five Year Construction Plan
Campus Library Capacity/Load Ratios
 Contra Costa District Office*

No.	Project	Lib ASF	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018

Library	Actual*/Projected ASF	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
0	Cumulative Capacity	0	0	0	0	0	0	0
	Capacity/Load Ratio							

Five Year Construction Plan
Campus AV/TV Capacity/Load Ratios
 Contra Costa District Office*

No. Project	Occupancy		2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	AVTV	ASF							

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
AV/TV Actual*/Projected ASF	0	0	0	0	0	0	0
Cumulative Capacity	0	0	0	0	0	0	0
Capacity/Load Ratio							

Load Distribution and Staff Forecast

Contra Costa District Office*

Campus Load Distribution

Reference: Chancellor's Office Forecast

	Instructional Staff FTE	Total Campus WSCH	Off-Campus WSCH	On-Campus WSCH	P.E. Laboratory WSCH	On-Campus Lecture WSCH	On-Campus Laboratory WSCH
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Actual Fall

2008	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0

Forecast

2010	0	0					
2011		0					
2012		0					
2013		0					
2014		0					
2015		0					
2016		0					

Load Distribution and Staff Forecast

Contra Costa District Office*

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors			
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.			
Department Administrators			
Librarians Include certificated director of audio/visual, et. al.			
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.			
Fall 2010 Totals	0.0	0.0	0.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Contra Costa District Office*

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors			
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.			
Department Administrators			
Librarians Include certificated director of audio/visual, et. al.			
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.			
Fall 2011 Totals	0.0	0.0	0.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.
Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Contra Costa District Office*

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

(a)	Total Certificated Instructional and Statutory Staff FTE (b)	Non-Instructional Portion of FTE (c)	Net Total Instructional and Statutory Staff FTE (b-c) (d)
Instructors			
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.			
Department Administrators			
Librarians Include certificated director of audio/visual, et. al.			
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.			
Fall 2012 Totals	0.0	0.0	0.0

Column (b) is the total number of Column (a) distributed to categories

Column (c) is the fraction of time express as Full-Time Equivalents devoted to noninstructional work.

Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Load Distribution and Staff Forecast

Contra Costa District Office*

Campus Worksheet for Computing FTE Instruction Staff

College Instructional Staff, Fall Term. Included are all certificated staff for day, extended day, and adult education except those whose office is located off-campus.

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Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.			
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Fall 2015 Totals	0.0	0.0	0.0

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Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.			
Fall 2016 Totals	0.0	0.0	0.0

Column (b) is the total number of Column (a) distributed to categories

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Counselors, department administrators, and statutorily required staff are counted as if they had no noninstructional duties.

Cum Sum of Existing and Proposed Space, 2011 - 2017

Contra Costa District Office*

Cumulative Summary of Existing and Proposed Areas, 2011-2017

Priority and Year of Occupancy (a)	Classroom 100's (b)	Laboratory 200's (c)	Office 300's (d)	Library 400's (e)	AV Radio TV 530 - 535 (f)	P.E. 520 - 525 (g)	Assembly 610 - 625 (h)	Inactive 050 - 070 (i)	All Other Areas (j)	Total ASF (k)
Total ASF			10,179					5,190	7,515	22,884

Capacity of Net Existing On-Campus ASF

Contra Costa District Office*

Classrooms, Classroom Service (Room Type 100's)

	Net ASF	ASF/100 WSCH	Capacity WSCH
Totals	0	47.3	0

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
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Office and Office Service Areas (Room Type 300's)

	Net ASF	ASF per FTE	Capacity FTE
Totals	10,179	160	64

Five Year Construction Plan
Campus Lecture Capacity/Load Ratios
 San Ramon Valley Center

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
10,396	Lecture	Actual*	Projected	WSCH	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
				15,794	16,061	16,333	16,609	16,890	17,176	17,467
				21,979	21,979	21,979	21,979	21,979	21,979	21,979
				139%	137%	135%	132%	130%	128%	126%

Lecture	Actual*	Projected	WSCH	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
10,396				15,794	16,061	16,333	16,609	16,890	17,176	17,467
				21,979	21,979	21,979	21,979	21,979	21,979	21,979
				139%	137%	135%	132%	130%	128%	126%

Campus Laboratory Capacity/Load Ratios

San Ramon Valley Center

No.	Project	WSCH	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	Laboratory	Actual*	Projected	WSCH	Capacity	Load Ratio				

Laboratory	Actual*	Projected	WSCH	Capacity	Load Ratio					
17,952	3,590	3,651	3,713	3,775	3,839	3,904	3,970	251%	246%	238%
	8,997	8,997	8,997	8,997	8,997	8,997	8,997	230%	234%	227%
	251%	246%	242%	238%	234%	230%	227%			

Campus Office Capacity/Load Ratios

San Ramon Valley Center

No.	Project	FTE	Occupancy	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
	Off ASF									

Office	Actual*/Projected FTE	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
7,982	Cumulative Capacity	59	61	63	65	66	67	68
	Capacity/Load Ratio	50	50	50	50	50	50	50
		85%	82%	79%	77%	76%	74%	73%

Campus AV/TV Capacity/Load Ratios

San Ramon Valley Center

No.	Project	2011/2012		2012/2013		2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
		AVTV	Occupancy	AVTV	Occupancy	AVTV	Occupancy	AVTV	Occupancy	AVTV	Occupancy	AVTV	Occupancy	AVTV	Occupancy

AV/TV	Actual*/Projected ASF	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
2,046	Cumulative Capacity	1,362	1,368	1,375	1,381	1,387	1,394	1,401
	Capacity/Load Ratio	150%	150%	149%	148%	147%	147%	146%

Load Distribution and Staff Forecast

San Ramon Valley Center

Campus Load Distribution

Reference: Chancellor's Office Forecast

	Instructional Staff FTE	Total Campus WSCH	Off-Campus WSCH	On-Campus WSCH	P.E. Laboratory WSCH	On-Campus Lecture WSCH	On-Campus Laboratory WSCH
Actual Fall							
2008	53	20,846	3,002	17,845	1,160	13,187	3,498
2009	55	21,991	1,581	20,410	982	15,830	3,598
Forecast							
2010	57	21,617	1,554	20,063	965	15,561	3,539
2011	59	21,940	1,578	20,363	979	15,794	3,590
2012	61	22,312	1,604	20,708	996	16,061	3,651
2013	63	22,690	1,631	21,058	1,013	16,333	3,713
2014	65	23,074	1,659	21,415	1,030	16,609	3,775
2015	66	23,464	1,687	21,777	1,047	16,890	3,839
2016	67	23,862	1,716	22,146	1,065	17,176	3,904

Load Distribution and Staff Forecast

San Ramon Valley Center

Campus Worksheet for Computing FTE Instruction Staff

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Instructors	54.0		54.0
Counselors Include certificated special program coordinators, economic opportunity program, coordinators, statutory and Title 5 required staff, et. al.	1.0		1.0
Department Administrators	1.0		1.0
Librarians Include certificated director of audio/visual, et. al.			
Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	1.0		1.0
Fall 2010 Totals	57.0	0.0	57.0

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Load Distribution and Staff Forecast

San Ramon Valley Center

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Fall 2011 Totals	59.0	0.0	59.0

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Institutional Administrators Include certificated persons with responsibilities covering the entire institution, such as Superintendent, Assistant Superintendent, President, Dean of Instruction, Director of Data Processing, et. al.	1.0		1.0
Fall 2012 Totals	61.0	0.0	61.0

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Load Distribution and Staff Forecast

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Fall 2015 Totals	66.0	0.0	66.0

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Cum Sum of Existing and Proposed Space, 2011 - 2017

San Ramon Valley Center

Cumulative Summary of Existing and Proposed Areas, 2011-2017

Priority and Year of Occupancy (a)	Classroom 100's (b)	Laboratory 200's (c)	Office 300's (d)	Library 400's (e)	AV Radio TV 530 - 535 (f)	P.E. 520 - 525 (g)	Assembly 610 - 625 (h)	Inactive 050 - 070 (i)	All Other Areas (j)	Total ASF (k)
Total ASF	10,396	17,952	7,982	3,597	2,046	1,404			4,080	47,457

Capacity of Net Existing On-Campus ASF

San Ramon Valley Center

Classrooms, Classroom Service (Room Type 100's)

	Net ASF	ASF/100 WSCH	Capacity WSCH
Totals	10,396	47.3	21,979

Laboratories and Laboratory Service Areas (Room Types 210, 215, 220, 225, 230, 235, 255)

TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH	TOP Code/Description	Net ASF	ASF/100 WSCH	Capacity WSCH
0100 Agriculture and Natural Resources		492		0956 Manufacturing and Industrial Technology		385	
0116 Agricultural Power Equipment Technology		856		1000 Fine and Applied Arts	2,859	257	1,112
0200 Architecture and Related Technologies		257		1100 Foreign Language	1,632	150	1,088
0300 Environmental Sciences and Technologies		235		1200 Health		214	
0400 Biological Sciences	3,229	235	1,374	1300 Family and Consumer Sciences		257	
0500 Business and Management	902	128	705	1400 Law		150	
0600 Media and Communications		214		1500 Humanities (Letters)		150	
0700 Information Technology	3,464	171	2,026	1600 Library Science		150	
0800 Education		321		1700 Mathematics	1,900	150	1,267
0900 Engineering & Industrial Technologies	1,514	321	472	1800 Military Studies		214	
0945 Industrial Systems Technology and Mainte		556		1900 Physical Sciences	2,452	257	954
0946 Environmental Control Technology (HVAC)		556		2000 Psychology		150	
0947 Diesel Technology		856		2100 Public and Protective Services		214	
0948 Automotive Technology		856		2200 Social Sciences		150	
0949 Automotive Collision Repair		856		3000 Commercial Services		214	
0950 Aeronautical and Aviation Technology		749		4900 Interdisciplinary Studies		257	
0952 Construction Crafts Technology		749					
				Totals	17,952		8,997
				Campus Avg Lab ASF/100 WSCH		200	

Office and Office Service Areas (Room Type 300's)

	Net ASF	ASF per FTE	Capacity FTE
Totals	7,982	160	50

APPENDIX E

APPROVAL OF LETTER OF INTENT

CALIFORNIA POSTSECONDARY EDUCATION COMMISSION

770 L STREET, SUITE 1160
SACRAMENTO, CALIFORNIA 95814-3396
(916) 322-8015; FAX: (916) 327-4417 www.cpec.ca.gov
Email: swilson@cpec.ca.gov



February 11, 2010

Frederick E. Harris
Assistant Vice President
California Community College Chancellor's Office
1102 Q Street
Sacramento, CA 95811

Dear Mr. Harris:

The California Postsecondary Education has reviewed the new site location of the proposed Brentwood Education Center. At this time, we have no concerns regarding the topography and surrounding population characteristics of the site, and therefore, are pleased to approve the district's updated Letter of Intent.

The Commission looks forward to receiving and reviewing the Contra Costa Community College District's *Needs Study and Environmental Impact Report* in relation to our Commission guidelines for conversion of an outreach operation to a state-approved educational center. If you have any questions, please contact me by email (swilson@cpec.ca.gov) or by phone (916-322-8015).

Sincerely,

Stacy Wilson

Stacy Wilson, Ed.D.
Facility Review Coordinator/
Senior Policy Analyst
California Postsecondary Education Commission

**CALIFORNIA COMMUNITY COLLEGES
CHANCELLOR'S OFFICE**

1102 Q STREET
SACRAMENTO, CA 95811-6549
(916) 445-8752
<http://www.cccco.edu>



October 28, 2009

Helen Benjamin, Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

SUBJECT: Approval of an updated Letter of Intent for a proposed Brentwood Educational Center

Dear Helen:

On behalf of Chancellor Scott, please accept this letter as indication of our approval of your district's updated Letter of Intent (LOI) dated September 24, 2009 seeking to establish an educational center in the Brentwood area of the Contra Costa Community College District. Our review of the LOI was based on the California Postsecondary Education Commission (CPEC) April 2002 guidelines for Review of Proposed University Campuses, Community Colleges, and Education and Joint-Use Centers (CPEC guidelines).

To summarize, the original LOI was submitted to the Chancellor's Office in February 2005 and approved by CPEC in January 2006. The updated LOI identifies a new site located 2400 feet away from the site described in the original LOI.

We will submit the updated LOI, including our recommendation, to CPEC for review as soon as possible. If CPEC approves the updated LOI, the district will be directed to prepare and submit a needs study for review by the Chancellor's Office before the California Community Colleges Board of Governors can consider a request for site approval. The required criteria for the needs study are described in the CPEC Guidelines referenced above.

Once CPEC has responded to the LOI, you will be notified. If you have not heard from us 90 days from the date of this letter, please contact Mary Just of the Facilities Planning Unit at (916) 445-1163 or mjust@ccco.edu.

Sincerely,

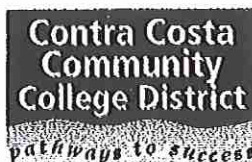
A handwritten signature in blue ink that reads "Frederick E. Harris".

FREDERICK E. HARRIS, Assistant Vice Chancellor
College Finance and Facilities Planning

cc: Ray Pyle, Contra Costa CCD
Mary Just, Community Colleges Facilities Planning Unit

Governing Board

Shella A. Grilli, *President*
Anthony T. Gordon, Ph.D., *Vice President*
John T. Nejedly, *Secretary*
Jess H. Reyes
Toml Van de Brooke



Chancellor
Helen Benjamin, Ph.D.

College Presidents
Contra Costa College McKinley Williams
Diablo Valley College Judy E. Walters, Ph.D.
Los Medanos College Peter Garcia

September 24, 2009

Dr. Jack Scott
Chancellor
California Community Colleges
1102 Q Street, 4th Floor
Sacramento, California 95814-6511

Dear Chancellor Scott:

This letter updates the Contra Costa Community College District's letter of intent (LOI) forwarded by correspondence dated February 15, 2005. The initial letter of intent was approved by your office June 6, 2005, and by the California Postsecondary Education Commission on January 5, 2006. A Needs Study was initiated in 2006, but was not submitted.

Following our original LOI submission, our planning team identified some challenges at the site that had been proposed for the new Brentwood Center. Other development in the area resulted in the discovery of cultural artifacts, and the routing of the Highway 4 Bypass in the area impacted site access. The team also identified some new opportunities. As a result of these issues, we are proposing a new site just 2400 feet away from the original when plotted from site center to site center. Enclosed are updates to the maps contained in our original LOI. Map 3 has been revised and resubmitted as Map 3A to show the initial proposed site and the new proposed site, in relation to the current Brentwood Center which currently occupies leased space. Map 4 has been revised and resubmitted as Map 4A to show the close proximity of the initial proposed site and the new proposed site. Map 5 has also been revised and resubmitted as Map 5A to show the close proximity of the 2 locations, and to indicate the proposed new site in relation to the Vineyards at Marsh Creek housing development. One of the primary reasons for the change in location is the existence of utility services that are unavailable at the initial site, and the ease of site access compared to the initial site. Extension of utilities and site access improvements were projected to be very costly. The District also feels that the Vineyards development will provide support to students outside of the classroom through the availability of food and retail services that will not be available at the initial site.

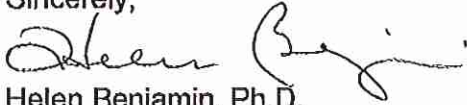
Due to the close proximity of the proposed new site and the initial proposed site (approximately 1000 ft between the two site entrances), none of the demographic data in our previously approved LOI would have been impacted by the change in location. The District will update the demographics and enrollment data, per guidelines, in the Needs Study we will submit to the CCCCCO in Spring 2010, and will submit the required enrollment projections to the Demographic Research Unit of the Department of Finance. Exhibit 3 has

been revised and resubmitted as Exhibit 3A indicating the new planning timeline for the approval and construction of the proposed Brentwood Center.

The District requests that, upon review of this letter, you reaffirm the approval of our LOI as modified by the revised site maps, and forward this information to CPEC for the same. The District would like to move forward with the development of our Needs Study for the new Brentwood Center as soon as possible.

If you have any questions, please feel free to contact Ray Pyle, my Chief Facilities Planner, by email at RPyle@4cd.edu or phone at 925-229-1000, ext. 1270.

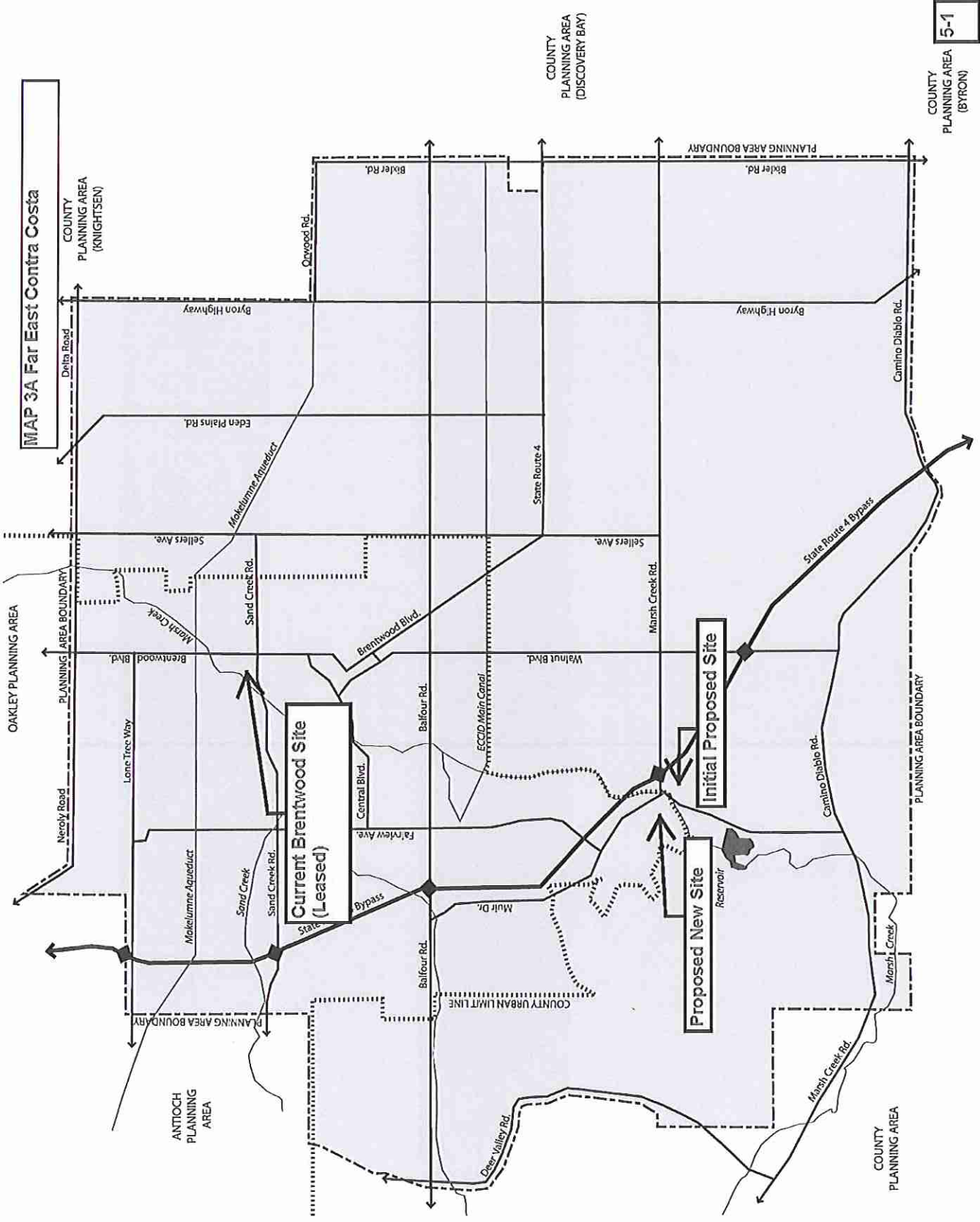
Sincerely,



Helen Benjamin, Ph.D.
Chancellor

Enclosures

cc: Karen Humphrey, (Executive Director, CPEC) w/ enclosure
Fred Harris (Assistant Vice Chancellor, College Finance and Facilities Planning) w/ enclosure
Mary Just (Facilities Planning Specialist) w/ enclosure
Ray Pyle
Peter Garcia

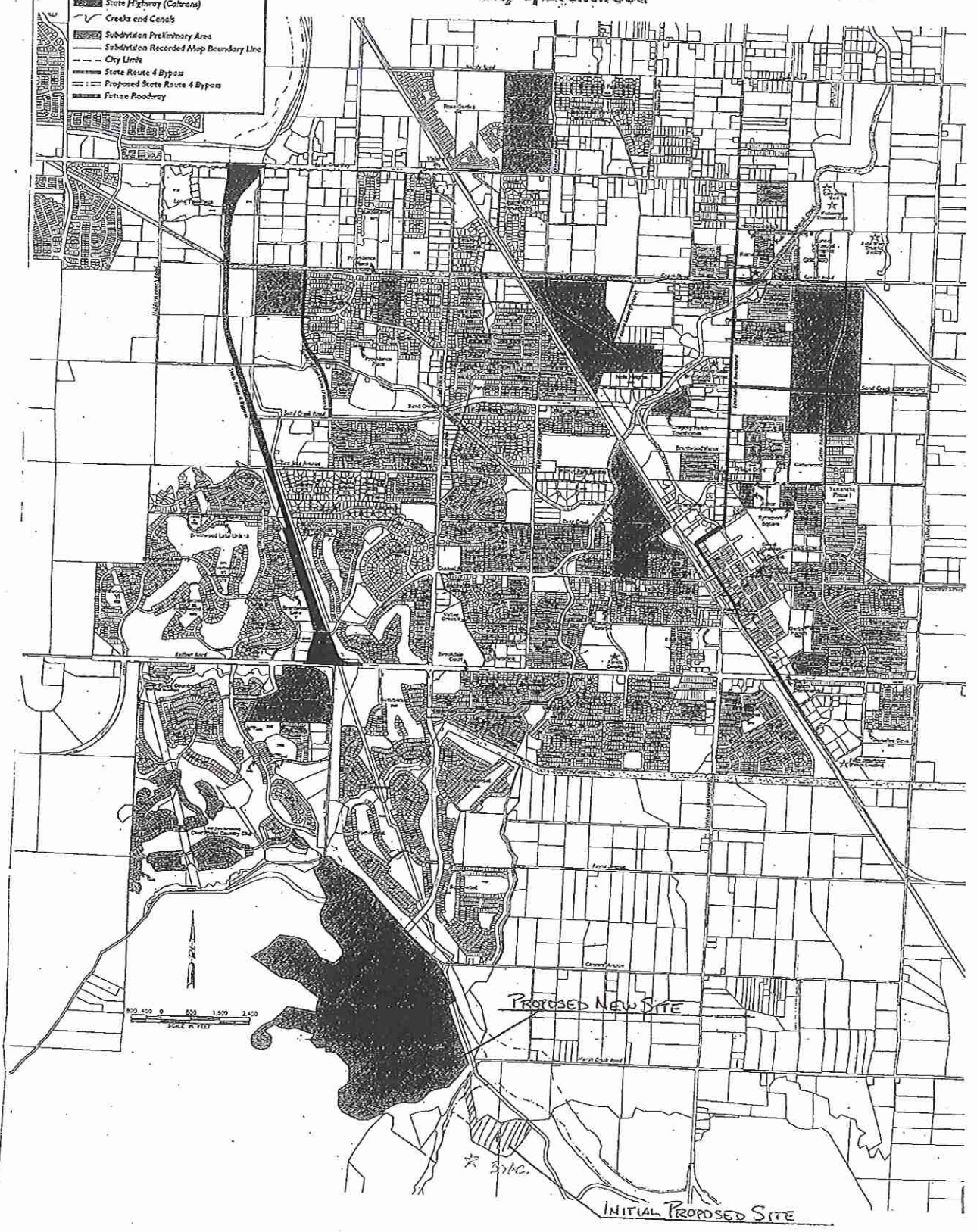


SUBDIVISION MAP

City of Brentwood

LEGEND: July 2004

- ★ City Building
- ▨ State Highway (Colorado)
- ~ Creeks and Canals
- ▨ Subdivision Preliminary Area
- ▨ Subdivision Recorded Map Boundary Line
- City Limits
- State Route 4 Bypass
- Proposed State Route 4 Bypass
- ▨ Future Roadway

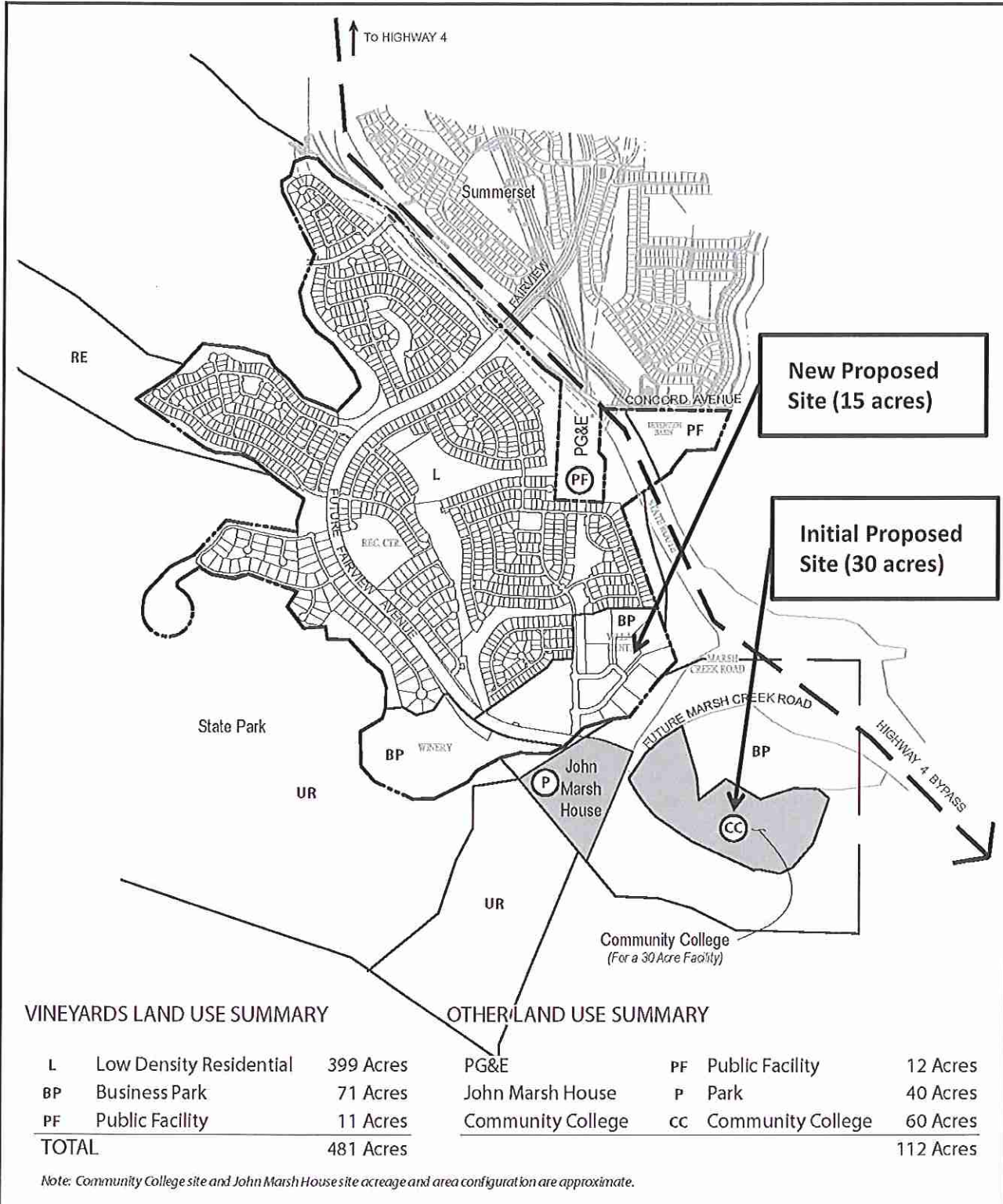


PROPOSED NEW SITE

INITIAL PROPOSED SITE

★ B.M.C.

Map 5A Location of Proposed New Site in Relation to Initial Site



Source: Carlson Barbee & Gibson (2003)



Scale: 1" = 1,500'

11/06/03 JN 35-100230

THE VINEYARDS AT MARSH CREEK AND ANNEXATION SITES EIR

Proposed General Plan

Exhibit 2-4

APPENDIX F

AGREEMENT FOR PURCHASE AND SALE
AND JOINT ESCROW INSTRUCTIONS

RECORDING REQUESTED BY
AND WHEN RECORDED RETURN TO:
Attn: Kindred Murillo
Vice Chancellor of Districtwide Administrative Services
CONTRA COSTA COMMUNITY COLLEGE DISTRICT
500 Court Street
Martinez, California 94553

0147009744-5JA

WE HEREBY CERTIFY THIS TO BE A TRUE
AND CORRECT COPY OF THE ORIGINAL
DOCUMENT RECORDED.

7/1/11
SERIES # 0130615
OF OFFICIAL RECORDS
Contra Costa COUNTY
OLD REPUBLIC TITLE CO
BY [Signature]

(Space Above for Recorder's Use)

The undersigned grantor(s) declare(s):
This conveyance is exempt from the payment of
a documentary transfer tax pursuant to Revenue
and Taxation Code Section 11922.

This document is being recorded for the benefit
of the Contra Costa Community College
District and is exempt from the payment of a
recording fee pursuant to Govt. Code Section
6103.

GRANT DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
BRENTWOOD COMMERCIAL PARTNERS, LLC, a California Limited Liability Company,
hereby grants to the CONTRA COSTA COMMUNITY COLLEGE DISTRICT, a public school
district duly organized and existing under Chapter 1 of Division 3 of Title 2 of the Education
Code of the State of California, that certain real property located in the City of Brentwood,
County of Contra Costa, State of California, described in the legal description attached hereto as
Exhibit "A," and incorporated herein by this reference.

Dated: 6/28/11

BRENTWOOD COMMERCIAL PARTNERS, LLC,
a California limited liability company

By: Apricot Land Company,
a California general partnership, its Member

By: [Signature]
Ronald E. Nunn, Partner

By: Brentwood Commercial, Inc.,
a California corporation, its Member

By: [Signature]
Stephen P. Beinke, President

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Contra Costa }

On June 28, 2011 before me, Vicki Hogendorf, Notary Public
Date Here Insert Name and Title of the Officer

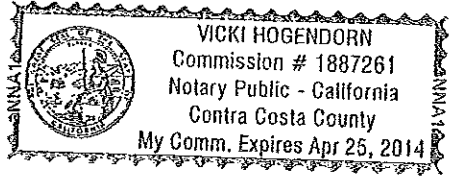
personally appeared Stephen L. Bernke & Ronald E. Work
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Handwritten Signature]
Signature of Notary Public



Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Grant Deed

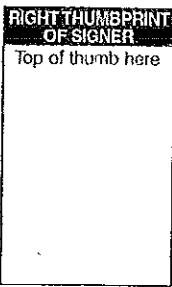
Document Date: 6.28.2011 Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

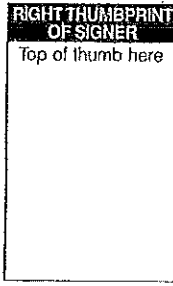
- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

EXHIBIT A

The land referred to is situated in the County of Contra Costa, City of Brentwood, State of California, and is described as follows:

PARCEL ONE:

Parcels AA, BB, CC, DD, EE, GG, HH, II, JJ and KK, as shown on the map of Subdivision 8796, filed June 12, 2006, in Map Book 491, Page 4, Contra Costa County Records.

Being APN's 007-580-001 through 004; 007-570-001; and 007-570-003 through 007

PARCEL TWO:

Easement for an underground storm and sanitary sewer system, described in the Declaration of Easement, executed by S. H. Cowell Foundation, recorded November 15, 2002, Series No. 2002-429753 and reserved in the Deed from S.H. Cowell Foundation, recorded November 20, 2002, Series No. 2002-438112, Official Records, described as follows:

Being a portion of that certain parcel of land granted to S.H. Cowell Foundation, by deed recorded November 21, 1994, in Serial No. 94-280694 of Official Records in the office of the County Recorder of Contra Costa County, more particularly described as follows:

Commencing at the northeastern corner of said parcel of land; thence from said point of commencement, South 43°45'35" West, 929.51 feet to the point of beginning for this description; thence from said point of beginning, South 39°44'30" East, 533.85 feet; thence South 14°42'00" East, 662.40 feet; thence South 20°23'00" West, 460.60 feet; thence South 18°52'00" West 512.30 feet; thence South 44°48'58" West, 179.93 feet; thence North 19°46'35" West, 1803.85 feet; thence North 54°18'12" East, 681.97 feet to said point of beginning.

EXCEPTING THEREFROM:

1. Those portions thereof described in the Final Order of Condemnation to Contra Costa Water District, out of the Contra Costa County Superior Court, Case No. C-94-03860, a certified copy of which was recorded September 10, 1998, Recorder's Series No. 98-218936, Contra Costa County Records.

2. Those portions thereof described in the Deed to State Route 4 Bypass Authority, recorded November 15, 2002, Series No. 2002-429755, Official Records.

PARCEL THREE:

Easement for access and utilities, described in the Declaration of Easement, executed by S.H. Cowell Foundation, recorded November 15, 2002, Series No. 2002-429754 and reserved in the Deed from S.H. Cowell Foundation, recorded November 20, 2002, Series No. 2002-438112, Official Records, described as follows:

Being a portion of that certain parcel of land granted to S.H. Cowell Foundation, by deed recorded November 21, 1994, in Serial No. 94-280694 of Official Records in the office of the County Recorder of Contra Costa County, more particularly described as follows:

Commencing at the northeastern corner of said parcel of land, said point being the northeastern corner of Lot 268, as said Lot 268 is shown and so designated on the Official Map of Brentwood Irrigated Farms, Subdivision No. Eight, recorded August 4, 1920 in Book 17 of Maps at Page 375, in said office of the County Recorder of Contra Costa County; thence from said point of commencement, South 08°54'59" West, 2,942.00 feet to the point of beginning fro this description; thence from said point of beginning, North 19°50'24" West, 214.92 feet; thence South 42°46'30" West, 392.74 feet; thence South 37°50'56" West, 498.72 feet; thence South 82°49'38" West 198.85 feet; thence South 72°41'52" West, 322.34 feet; thence South 45°49'59" West, 295.25 feet; thence South 64°29'14" West, 177.97 feet; thence South 88°14'30" West, 168.10 feet; thence South 01°01'15" East, 348.99 feet; thence North 68°45'46" East, 270.00 feet; thence North 81°44'46" East, 330.00 feet; thence South 62°59'35" East, 280.99 feet; thence South 68°44'29" East, 78.29 feet; thence North 30°50'40" East, 212.04 feet; thence South 69°41'48" East, 49.70 feet; thence South 11°49'08" West, 26.58 feet; thence South 62°46'32" East, 14.26 feet; thence North 33°35'43" East, 272.17 feet; thence North 46°43'55" East, 238.69 feet; thence North 57°35'11" East, 274.05 feet; thence North 16°30'00" West, 64.63 feet; thence North 01°37'00" East, 256.70 feet; thence North 52°50'00" West 81.90 feet; thence North 37°53'00" East, 125.10 feet; thence North 30°03'30" East, 128.97 feet to the point of beginning.

EXCEPTING THEREFROM:

Those portions thereof described in the Deed to State Route 4 Bypass Authority, recorded November 15, 2002, Series No. 2002-429755, Official Records.

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The land referred to is situated in the County of Contra Costa, City of Brentwood, State of California, and is described as follows:

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Commencing at the northeastern corner of said parcel of land; thence from said point of commencement, South 43°45'35" West, 929.51 feet to the point of beginning for this description; thence from said point of beginning, South 39°44'30" East, 533.85 feet; thence South 14°42'00" East, 662.40 feet; thence South 20°23'00" West, 460.60 feet; thence South 18°52'00" West 512.30 feet; thence South 44°48'58" West, 179.93 feet; thence North 19°46'35" West, 1803.85 feet; thence North 54°18'12" East, 681.97 feet to said point of beginning.

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2. Those portions thereof described in the Deed to State Route 4 Bypass Authority, recorded November 15, 2002, Series No. 2002-429755, Official Records.

PARCEL THREE:

Easement for access and utilities, described in the Declaration of Easement, executed by S.H. Cowell Foundation, recorded November 15, 2002, Series No. 2002-429754 and reserved in the Deed from S.H. Cowell Foundation, recorded November 20, 2002, Series No. 2002-438112, Official Records, described as follows:

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Commencing at the northeastern corner of said parcel of land, said point being the northeastern corner of Lot 268, as said Lot 268 is shown and so designated on the Official Map of Brentwood Irrigated Farms, Subdivision No. Eight, recorded August 4, 1920 in Book 17 of Maps at Page 375, in said office of the County Recorder of Contra Costa County; thence from said point of commencement, South 08°54'59" West, 2,942.00 feet to the point of beginning fro this description; thence from said point of beginning, North 19°50'24" West, 214.92 feet; thence South 42°46'30" West, 392.74 feet; thence South 37°50'56" West, 498.72 feet; thence South 82°49'38" West 198.85 feet; thence South 72°41'52" West, 322.34 feet; thence South 45°49'59" West, 295.25 feet; thence South 64°29'14" West, 177.97 feet; thence South 88°14'30" West, 168.10 feet; thence South 01°01'15" East, 348.99 feet; thence North 68°45'46" East, 270.00 feet' thence North 81°44'46" East, 330.00 feet; thence South 62°59'35" East, 280.99 feet; thence South 68°44'29" East, 78.29 feet; thence North 30°50'40" East, 212.04 feet; thence South 69°41'48" East, 49.70 feet; thence South 11°49'08" West, 26.58 feet; thence South 62°46'32" East, 14.26 feet; thence North 33°35'43" East, 272.17 feet; thence North 46°43'55" East, 238.69 feet; thence North 57°35'11" East, 274.05 feet; thence North 16°30'00" West, 64.63 feet; thence North 01°37'00" East, 256.70 feet; thence North 52°50'00" West 81.90 feet; thence North 37°53'00" East, 125.10 feet; thence North 30°03'30" East, 128.97 feet to the point of beginning.

EXCEPTING THEREFROM:

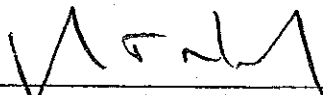
Those portions thereof described in the Deed to State Route 4 Bypass Authority, recorded November 15, 2002, Series No. 2002-429755, Official Records.

PUBLIC AGENCY CERTIFICATE OF ACCEPTANCE
(Government Code Section 27281)

This is to certify that the interest in real property conveyed by the Grant Deed dated JUNE 29, 2011, from BRENTWOOD COMMERCIAL PARTNERS, LLC to the CONTRA COSTA COMMUNITY COLLEGE DISTRICT, a public school district duly organized and existing under Chapter 1 of Division 3 of Title 2 of the Education Code of the State of California, is hereby accepted by the undersigned officer on behalf of the Contra Costa Community College District pursuant to authority conferred by the California Constitution and California Education Code sections 1240 et seq., and the grantee consents to recordation thereof by its duly authorized officer.


Dated: 6/29/11

CONTRA COSTA COMMUNITY COLLEGE DISTRICT



JOHN NEEBELY - BOARD

ATTEST:


By: _____
Clerk of the Governing Board of the
Contra Costa Community College District
HELEN BENJAMIN

RECORDING REQUESTED BY
AND WHEN RECORDED RETURN TO:

BLACKHAWK SERVICES COMPANY, INC.
3820 Blackhawk Road
Danville, CA 94506

Attn: Earl Callison

0147009744-558

WE HEREBY CERTIFY THIS TO BE A TRUE
AND CORRECT COPY OF THE ORIGINAL
DOCUMENT RECORDED.

7/11/11
SERIES # 0130616
OR OFFICIAL RECORDS
Contra Costa COUNTY
OLD REPUBLIC TITLE CO
BY [Signature]

(Space Above for Recorder's Use)

RIGHT OF FIRST REFUSAL AGREEMENT

THIS RIGHT OF FIRST REFUSAL AGREEMENT (this "Agreement") is made as of
this 6/28, 2011, between Contra Costa Community College District ("Grantor") and
Brentwood Commercial Partners, LLC ("Grantee").

RECITALS

A. Grantor is the owner of real property described in Exhibit A, attached and
incorporated by reference ("Real Property"), more commonly known as Pioneer Square located
within the Vineyards at Marsh Creek development in the City of Brentwood, County of Contra
Costa California, also known as Contra Costa County Assessor Parcel Numbers ("APN") 007-
570-001, 007-570-002, 007-570-003, 007-570-004, 007-570-005, 007-570-006, 007-570-007,
007-570-008, 007-580-002, 007-580-003 and 007-580-004, 007-580-001 and ~~007-570-008~~, as
more particularly described in the legal description attached to this Agreement as Exhibit "G-1,"
incorporated herein by reference (the "Property").

B. Grantor desires to grant to Grantee, and Grantee desires to obtain from Grantor, a
right of first refusal to purchase the real property from Grantor on the terms and conditions in
this Agreement.

AGREEMENT

For good and valuable consideration the receipt and adequacy of which are
acknowledged, the parties agree as follows:

1. Right of First Refusal.

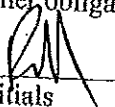
a. Subject to the terms and conditions of this Agreement, while this Agreement
remains in effect and is not terminated under the last two sentences of this Section 1.a or under
the terms of Section 5, below, Grantor shall not sell, transfer, convey, assign, lease, hypothecate
or pledge all or any material portion of the Property or Grantor's interest in the Property during
the term hereof (as provided hereinafter) without first offering the Property to Grantee, except

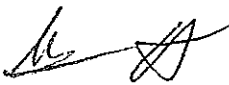
this Right of First Refusal shall not apply if the nature and purpose of such transfer, conveyance, assignment, lease, hypothecation or pledge is (i) a bona fide financing transaction to provide funds for the construction of a community college building and related facilities on this Property, or (ii) a bona fide lease/leaseback or joint ownership and construction arrangement to achieve the funding and construction of a community college building and related facilities on the Property. A lease of space in a building shall not be deemed to trigger this Right of First Refusal unless it is a lease (other than as described in clause (ii), above) of substantially all building space for a term in excess of three (3) years. After a transfer or conveyance in accordance with this Agreement, the Right of First Refusal granted in this Agreement shall automatically terminate and be of no further force of effect as to the property so conveyed. Likewise, on the first day Grantor conducts classes in a permanent structure on the Property, the Right of First Refusal granted in this Agreement shall automatically terminate and be of no further force or effect.

b. Before Grantor sells or agrees to sell the Property, Grantor shall offer ("First Offer") to sell the Property to Grantee, in writing, for FOUR MILLION EIGHT HUNDRED THREE THOUSAND FOUR HUNDRED EIGHTY-EIGHT DOLLARS (\$4,803,488). Grantor shall have the right to require Grantee to provide Grantor, evidence reasonably acceptable to Grantor, that Grantee has the financial capacity to purchase the Property.

c. Grantee shall have ten (10) days from the date of the First Offer to accept the First Offer ("Acceptance Period") by delivering to Grantor the acceptance on or before 5:00 p.m. on the last day of the Acceptance Period. If Grantee fails to accept the First Offer on or before the last day of the Acceptance Period, the First Offer shall be deemed to be rejected, and this Agreement shall be of no further force or effect.

d. If Grantee accepts the First Offer, Grantee shall have sixty (60) days following acceptance of the First Offer ("Closing Period") to consummate the purchase of the Property. If Grantee fails to consummate the purchase of the Property within the Closing Period solely as a result of Grantee's default hereunder, this Agreement shall be terminated and shall be of no further force or effect. After such termination, Grantor shall be free to enter into an agreement concerning the sale of the Property with any third party on whatever terms Grantor may choose without further obligation under this Agreement.


Initials


Initials

e. If Grantor proposes to sell less than all of the Property (a "First Offer Portion"), then Grantee shall have a right of First Offer in the same manner as provided in subparagraphs 1a through 1d, above, with respect to the First Offer Portion, except that (a) the purchase price for the First Offer Portion shall be the amount stated in subparagraph 1b, prorated based on the acreage of the First Offer Portion and the acreage of the Property, and (b) the provisions of this Agreement shall continue in full force and effect with respect to any other portions of the Property, irrespective of whether Grantee exercises the right to purchase the First Offer Portion, but shall terminate as to the First Offer Portion if Grantee does not exercise such right.

2. Failure to Open. If for any reason Grantor has not substantially completed a permanent structure on the Property and conducted classes therein within 25 years after the date of recordation of this Agreement, Grantee shall have the right and option, and there is hereby granted to Grantee by Grantor the option to purchase the Property (or such of it as then remains subject to the first right of refusal set forth in Section 1, above), on and as of the 25 year anniversary of the recordation of this Agreement, for the amount of the first offer price provided in Section 1, above, by written notice delivered to Grantor within sixty (60) days after such 25-year anniversary date. This right shall expire absolutely if not delivered within such sixty (60) day period. In the event that this right of First Offer is exercised within the time provided, the parties shall proceed forthwith to close and consummate the conveyance of the Property to Grantee.

3. Consideration. The consideration for this Agreement is the purchase price and other consideration for the Property paid by Grantor to Grantee for the initial acquisition of the Property.

4. Term. Grantee's right of first refusal shall begin with the date of this Agreement and continue until terminated in accordance with the terms of this Agreement.

5. Termination. This Agreement shall automatically terminate on the first of the following to occur:

a. Grantee rejects a First Offer and Grantor subsequently consummates a sale of the Property to a third party pursuant to the terms of the First Offer;

b. The purchase of the Property by Grantee; or

c. Sixty (60) days after the expiration of twenty-five (25) years after the date of recordation of this Agreement in the Official Records of Contra Costa County, unless Grantee has sooner exercised the Right of First Offer pursuant to Section 2, above.

d. Substantial completion of a permanent structure on the Property and the conduct of classes therein.

6. Litigation Costs. If any legal action or any other proceeding, including an arbitration or action for declaratory relief, is brought for the enforcement of this Agreement or because of a dispute, breach, default, or misrepresentation in connection with any of the provisions of this Agreement, the prevailing party shall be entitled to recover reasonable attorney fees and other costs incurred in that action or proceeding, in addition to any other relief to which the prevailing party may be entitled. "Prevailing party" shall include without limitation (i) a party dismissing an action in exchange for sums allegedly due; (ii) a party receiving performance from the other party of an alleged breach of covenant or a desired remedy where the performance is substantially equal to the relief sought in an action; or (iii) the prevailing party as determined by a court of law.

7. Successors and Assigns. This Agreement shall inure to the benefit of and be binding on the parties and their respective successors, heirs, and assigns.

8. Notices. All notices required or permitted to be given under this Agreement shall be in writing and mailed, postage prepaid, by certified or registered mail, return receipt requested, or by personal or overnight delivery, to the address indicated below or at other places that Grantor or Grantee may, from time to time, designate by written notice given to the other. The address change shall not be effective until five (5) business days after notice of the change. Notices shall be deemed serviced upon receipt or refusal.

If to Grantor:

Brentwood Commercial Partners, LLC
Attention: Earl Callison and Matt Beinke
3820 Blackhawk Road
Danville, California 94506

With a copy to:

Miller Starr Regalia
1331N. California Blvd., Fifth Floor
Walnut Creek, California 94596
Attention: Karl E. Geier, Esq.

If to Grantee:

Contra Costa Community College District
Attention: Kindred Murillo, Vice Chancellor
Districtwide Administrative Services
500 Court Street
Martinez, California 94533

With a copy to

Atkinson, Andelson, Loya, Ruud & Romo
5260 North Palm Avenue Suite 300
Fresno, California 93704
Attn: David A. Soldani, Esq.

9. Counterpart or Duplicate Copies. This Agreement may be signed in counterpart or duplicate copies, and any signed counterpart or duplicate copy shall be equivalent to a signed original for all purposes.

10. Time of Essence. Time is of the essence in this Agreement.

11. Recordation. This Agreement may be recorded at Grantee's option.

12. Quitclaim Deed. Upon the expiration or early termination of this Agreement, upon written request by Grantor, Grantee shall deliver to Grantor a signed and acknowledged quitclaim deed which Grantor may record evidencing no further interest in the Property by Grantee.

13. Exhibit. All Exhibits and any others referred to in this Agreement are incorporated in this Agreement by reference.

14. Captions. Captions and headings in this Agreement, including the title of this Agreement, are for convenience only and are not to be considered in construing this Agreement.

15. Entire Agreement. This Agreement contains the entire agreement of the parties and supersedes any prior agreements or understandings of the parties, whether written or oral, regarding the subject matter of this Agreement.

16. Fairness. Grantor acknowledges that the economic terms of this Agreement are and shall conclusively be deemed fair, just and equitable to it in light of the extremely favorable price at which Grantee has sold the Property to Grantor prior to the execution and recordation hereof.

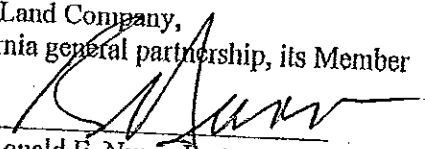
17. Modification and Amendment. This Agreement shall be governed by the laws of the State of California. This Agreement may only be modified in writing that is signed by both parties.

The parties have executed this Agreement as of the date first written above.


GRANTOR:

BRENTWOOD COMMERCIAL PARTNERS,
LLC, a California limited liability company

By: Apricot Land Company,
a California general partnership, its Member


By: 
Ronald E. Nunn, Partner

By: Brentwood Commercial, Inc.,
a California corporation, its Member

By: 
Stephen P. Beinke, President

GRANTEE:

Contra Costa Community College District

By: 
Eugene Huff
Vice Chancellor

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Contra Costa

On June 28, 2011 before me, Vicki Hogendorf, Notary Public

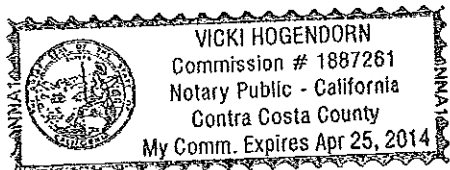
personally appeared Stephen P. Beinke + Ronald E. Wynn

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Handwritten Signature]
Signature of Notary Public



Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Right of First Refusal Agreement

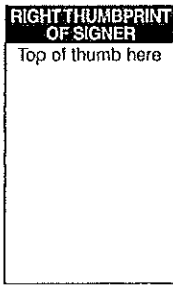
Document Date: June 28, 2011 Number of Pages: _____

Signer(s) Other Than Named Above: Contra Costa Community College District

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

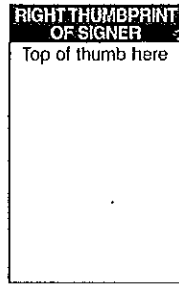
- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

State of California

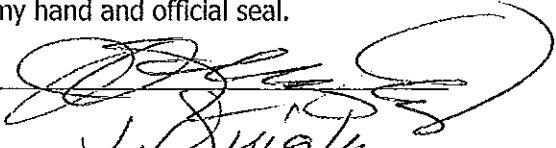
County of Contra Costa

On June 29, 2011 before me, J. Quigley a Notary Public,
personally appeared Eugene Huff

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: 
Name: J. Quigley
(typed or printed)

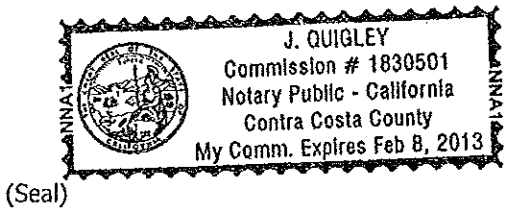


EXHIBIT G-1

LEGAL DESCRIPTION

Real property in the City of Brentwood, County of Contra Costa, State of California, described as follows:

PARCEL ONE:

Parcels AA, BB, CC, DD, EE, GG, HH, II, JJ and KK, as shown on the map of Subdivision 8796, filed June 12, 2006, in Map Book 491, Page 4, Contra Costa County Records.

Being APN's 007-580-001 through 004; 007-570-001; and 007-570-003 through 007

PARCEL TWO:

Easement for an underground storm and sanitary sewer system, described in the Declaration of Easement, executed by S. H. Cowell Foundation, recorded November 15, 2002, Series No. 2002-429753 and reserved in the Deed from S.H. Cowell Foundation, recorded November 20, 2002, Series No. 2002-438112, Official Records, described as follows:

Being a portion of that certain parcel of land granted to S.H. Cowell Foundation, by deed recorded November 21, 1994, in Serial No. 94-280694 of Official Records in the office of the County Recorder of Contra Costa County, more particularly described as follows:

Commencing at the northeastern corner of said parcel of land; thence from said point of commencement, South 43°45'35" West, 929.51 feet to the point of beginning for this description; thence from said point of beginning, South 39°44'30" East, 533.85 feet; thence South 14°42'00" East, 662.40 feet; thence South 20°23'00" West, 460.60 feet; thence South 18°52'00" West 512.30 feet; thence South 44°48'58" West, 179.93 feet; thence North 19°46'35" West, 1803.85 feet; thence North 54°18'12" East, 681.97 feet to said point of beginning.

EXCEPTING THEREFROM:

1. Those portions thereof described in the Final Order of Condemnation to Contra Costa Water District, out of the Contra Costa County Superior Court, Case No. C-94-03860, a certified copy of which was recorded September 10, 1998, Recorder's Series No. 98-218936, Contra Costa County Records.
2. Those portions thereof described in the Deed to State Route 4 Bypass Authority, recorded November 15, 2002, Series No. 2002-429755, Official Records.

PARCEL THREE:

Easement for access and utilities, described in the Declaration of Easement, executed by S.H. Cowell Foundation, recorded November 15, 2002, Series No. 2002-429754 and reserved in the Deed from S.H. Cowell Foundation, recorded November 20, 2002, Series No. 2002-438112, Official Records, described as follows:

Being a portion of that certain parcel of land granted to S.H. Cowell Foundation, by deed recorded November 21, 1994, in Serial No. 94-280694 of Official Records in the office of the County Recorder of Contra Costa County, more particularly described as follows:

Commencing at the northeastern corner of said parcel of land, said point being the northeastern corner of Lot 268, as said Lot 268 is shown and so designated on the Official Map of Brentwood Irrigated Farms, Subdivision No. Eight, recorded August 4, 1920 in Book 17 of Maps at Page 375, in said office of the County Recorder of Contra Costa County; thence from said point of commencement, South 08°54'59" West, 2,942.00 feet to the point of beginning fro this description; thence from said point of beginning, North 19°50'24" West, 214.92 feet; thence South 42°46'30" West, 392.74 feet; thence South 37°50'56" West, 498.72 feet; thence South 82°49'38" West 198.85 feet; thence South 72°41'52" West, 322.34 feet; thence South 45°49'59" West, 295.25 feet; thence South 64°29'14" West, 177.97 feet; thence South 88°14'30" West, 168.10 feet; thence South 01°01'15" East, 348.99 feet; thence North 68°45'46" East, 270.00 feet; thence North 81°44'46" East, 330.00 feet; thence South 62°59'35" East, 280.99 feet; thence South 68°44'29" East, 78.29 feet; thence North 30°50'40" East, 212.04 feet; thence South 69°41'48" East, 49.70 feet; thence South 11°49'08" West, 26.58 feet; thence South 62°46'32" East, 14.26 feet; thence North 33°35'43" East, 272.17 feet; thence North 46°43'55" East, 238.69 feet; thence North 57°35'11" East, 274.05 feet; thence North 16°30'00" West, 64.63 feet; thence North 01°37'00" East, 256.70 feet; thence North 52°50'00" West 81.90 feet; thence North 37°53'00" East, 125.10 feet; thence North 30°03'30" East, 128.97 feet to the point of beginning.

EXCEPTING THEREFROM:

Those portions thereof described in the Deed to State Route 4 Bypass Authority, recorded November 15, 2002, Series No. 2002-429755, Official Records.

EXHIBIT A

The land referred to is situated in the County of Contra Costa, City of Brentwood, State of California, and is described as follows:

PARCEL ONE:

Parcels AA, BB, CC, DD, EE, GG, HH, II, JJ and KK, as shown on the map of Subdivision 8796, filed June 12, 2006, in Map Book 491, Page 4, Contra Costa County Records.

Being APN's 007-580-001 through 004; 007-570-001; and 007-570-003 through 007

PARCEL TWO:

Easement for an underground storm and sanitary sewer system, described in the Declaration of Easement, executed by S. H. Cowell Foundation, recorded November 15, 2002, Series No. 2002-429753 and reserved in the Deed from S.H. Cowell Foundation, recorded November 20, 2002, Series No. 2002-438112, Official Records, described as follows:

Being a portion of that certain parcel of land granted to S.H. Cowell Foundation, by deed recorded November 21, 1994, in Serial No. 94-280694 of Official Records in the office of the County Recorder of Contra Costa County, more particularly described as follows:

Commencing at the northeastern corner of said parcel of land; thence from said point of commencement, South 43°45'35" West, 929.51 feet to the point of beginning for this description; thence from said point of beginning, South 39°44'30" East, 533.85 feet; thence South 14°42'00" East, 662.40 feet; thence South 20°23'00" West, 460.60 feet; thence South 18°52'00" West 512.30 feet; thence South 44°48'58" West, 179.93 feet; thence North 19°46'35" West, 1803.85 feet; thence North 54°18'12" East, 681.97 feet to said point of beginning.

EXCEPTING THEREFROM:

1. Those portions thereof described in the Final Order of Condemnation to Contra Costa Water District, out of the Contra Costa County Superior Court, Case No. C-94-03860, a certified copy of which was recorded September 10, 1998, Recorder's Series No. 98-218936, Contra Costa County Records.

2. Those portions thereof described in the Deed to State Route 4 Bypass Authority, recorded November 15, 2002, Series No. 2002-429755, Official Records.

PARCEL THREE:

Easement for access and utilities, described in the Declaration of Easement, executed by S.H. Cowell Foundation, recorded November 15, 2002, Series No. 2002-429754 and reserved in the Deed from S.H. Cowell Foundation, recorded November 20, 2002, Series No. 2002-438112, Official Records, described as follows:

Being a portion of that certain parcel of land granted to S.H. Cowell Foundation, by deed recorded November 21, 1994, in Serial No. 94-280694 of Official Records in the office of the County Recorder of Contra Costa County, more particularly described as follows:

Commencing at the northeastern corner of said parcel of land, said point being the northeastern corner of Lot 268, as said Lot 268 is shown and so designated on the Official Map of Brentwood Irrigated Farms, Subdivision No. Eight, recorded August 4, 1920 in Book 17 of Maps at Page 375, in said office of the County Recorder of Contra Costa County; thence from said point of commencement, South 08°54'59" West, 2,942.00 feet to the point of beginning fro this description; thence from said point of beginning, North 19°50'24" West, 214.92 feet; thence South 42°46'30" West, 392.74 feet; thence South 37°50'56" West, 498.72 feet; thence South 82°49'38" West 198.85 feet; thence South 72°41'52" West, 322.34 feet; thence South 45°49'59" West, 295.25 feet; thence South 64°29'14" West, 177.97 feet; thence South 88°14'30" West, 168.10 feet; thence South 01°01'15" East, 348.99 feet; thence North 68°45'46" East, 270.00 feet; thence North 81°44'46" East, 330.00 feet; thence South 62°59'35" East, 280.99 feet; thence South 68°44'29" East, 78.29 feet; thence North 30°50'40" East, 212.04 feet; thence South 69°41'48" East, 49.70 feet; thence South 11°49'08" West, 26.58 feet; thence South 62°46'32" East, 14.26 feet; thence North 33°35'43" East, 272.17 feet; thence North 46°43'55" East, 238.69 feet; thence North 57°35'11" East, 274.05 feet; thence North 16°30'00" West, 64.63 feet; thence North 01°37'00" East, 256.70 feet; thence North 52°50'00" West 81.90 feet; thence North 37°53'00" East, 125.10 feet; thence North 30°03'30" East, 128.97 feet to the point of beginning.

EXCEPTING THEREFROM:

Those portions thereof described in the Deed to State Route 4 Bypass Authority, recorded November 15, 2002, Series No. 2002-429755, Official Records.

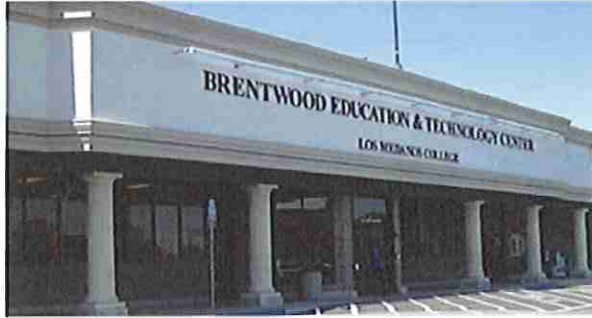
APPENDIX G

STUDENT SERVICES AVAILABLE AT THE BRENTWOOD OUTREACH CENTER

Brentwood Home
Directions & Hours
Class Schedule
Assessment
Schedule
Degrees at
Brentwood
Services at
Brentwood

LMC Brentwood Center

services to the far East Contra Costa County



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Spring Semester 2011 Office Hours

Monday - Thursday
8:30am – 7:00pm

Fridays
January 21st, 28th, and February 4, 2011
8:30am - 4:00pm

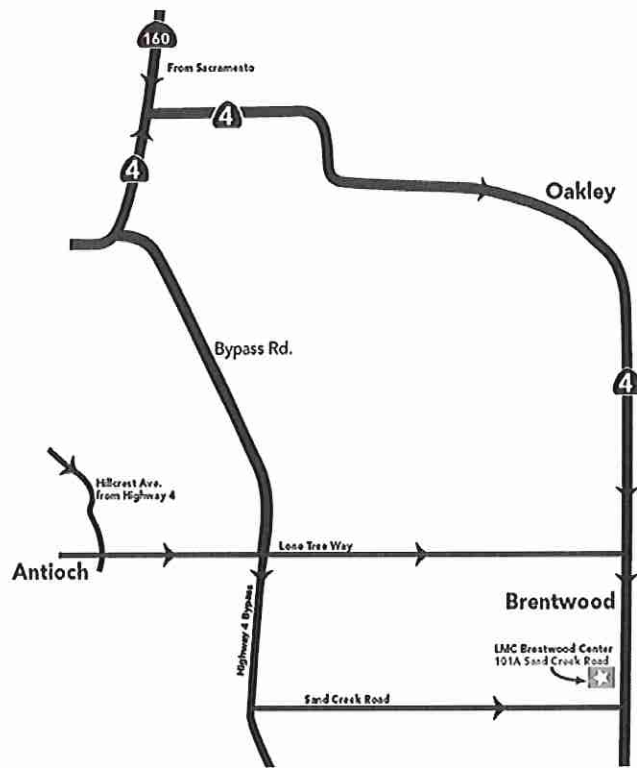
Saturdays
Beginning on Sat., Jan. 22nd
9:00am - 12:00pm

Important Dates

- ▶ Monday, January 17th: Martin Luther King Holiday - Campus Closed
- ▶ Saturday, January 22nd: Spring Semester Begins

For more information call:
(925) 513-1625 or (925) 439-2181 ext. 6202/6203

Directions to the LMC Brentwood Center



101A Sand Creek Road, Brentwood, CA 94513 (925)513-1625
 Driving directions through google below:



[\(go back one page\)](#)

LMC Brentwood Center

services to the far East Contra Costa County



Special Programs

- First 5 Child Development Program

Student Services

NOTE: Links following an asterisk (*) are located at the [LMC Main Campus in Pittsburg](#)

Student Clubs at the Brentwood Center



ROTARACT is a Rotary-sponsored service club for young men and women ages 18 to 30. The LMC Brentwood club is sponsored by the Rotary Club of Brentwood.

Club Advisor: Thais Kishi, Ph.D.

Please call for meeting times (925) 513-1625.

- › Brentwood Home
- › Directions & Hours
- › Class Schedule
- › Assessment Schedule
- › Degrees at Brentwood
- › Services at Brentwood

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ACADEMIC COUNSELING

Academic counseling will be available at the LMC Brentwood Center during the Fall semester. Students can schedule a 30 minute appointment to speak with a counselor or are welcome to stop by during our drop-in hours for academic advising.

Call or stop by our office for drop-in hours or
 to schedule a counseling appointment.
 (925) 513-1625

We can also schedule counseling appointments at the main campus.

Drop-in Counseling

Drop-in counseling provides a way for you to see a counselor to get a quick answer to a quick question—one that can be covered in 10 minutes. Records from other colleges are not available for this session.

Appointments

Students should make counseling appointments for developing and reviewing education plans, career and personal counseling, and for information that requires accessing your student records. Counseling appointments are generally 30 minutes per session.

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- ▶ Brentwood Home
- ▶ Directions & Hours
- ▶ Class Schedule
- ▶ Assessment Schedule
- ▶ Degrees at Brentwood
- ▶ Services at Brentwood

LMC Brentwood Center

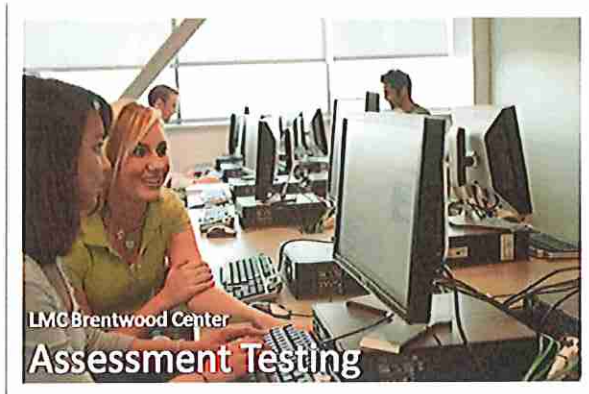
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Drop - In Assessment Testing

Monday -Thursday
8:30am - 5:00pm

Fridays
8:30am - 1:00pm

Saturdays
Beginning on Saturday, January 22nd
By Appointment Only!
ATB on Saturdays Only!

Note:
Ability to Benefit (ATB) Assessment are given on Saturdays only and by appointment at the Brentwood Center. To schedule an appointment call (925) 513-1625.

Important:

In order to take your Assessment Test:

- ▶ You must have a current *Application for Admission* on file.
- ▶ A picture ID, such as a CA driver's license, must be shown to the examiner at the time of testing.
- ▶ It is highly recommended you review the Assessment Test Sample Questions/Study Guides because only one test is permitted per calendar year.

Click Here For: [Assessment Test: Sample Questions and Study Guides](#)

Note:
If you have completed one year of high school Algebra II with a grade of C or better, Math Assessment may not be necessary. Please check with our office staff for more information.

- ▶ Brentwood Home
- ▶ Directions & Hours
- ▶ Class Schedule
- ▶ Assessment Schedule
- ▶ Degrees at Brentwood
- ▶ Services at Brentwood

LMC Brentwood Center

services to the far East Contra Costa County

CSU East Bay & UC Davis Academic Advising

Representatives from CSU East Bay and UC Davis will be at the Brentwood Center on the following days:



UC Davis Advising
Wednesday, March 2, 2011 9:30am - 3:00pm



CSU East Bay Advising
Thursday, February 10, 2011 9:30am - 1:00pm
Thursday, February 24, 2011 9:30am - 1:00pm
Thursday, March 3, 2011 2:00pm - 5:30pm
Thursday, March 10, 2011 9:30am - 1:00pm
Thursday, April 14, 2011 2:00pm - 5:30pm
Thursday, April 28, 2011 2:00pm - 5:30pm
Thursday, May 12, 2011 2:00pm - 5:30pm

Schedule your appointment today!
 By appointment only!
 To schedule an appointment call (925) 513-1625

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- [Math Home](#)
- [Math Classes](#)
- [Math Labs](#)
- [Math Faculty](#)
- [Math Handouts](#)
- [MESA Program](#)
- [Links](#)
- [Survive Math!](#)

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Math

achieve your academic goals

Los Medanos College Math Lab

The math labs are your place on campus to:

- ▶ Fulfill the mandatory math lab requirement for your math class at *any* of our facilities.
- ▶ Obtain specialized tutoring designed to help students understand concepts in Math.
- ▶ Work on math with your friends in the labs, study quietly or small study rooms.
- ▶ Get resources such as handouts, calculators, reference books, and other Math tools.
- ▶ Obtain study skill strategies and alternate strategies used for problem solving.
- ▶ Take challenge exams and mastery quizzes.

Math Lab Links

- [Pittsburg Lab](#)
 - ▶ [Math Labs](#)
 - ▶ [Testing Center](#)
- [Brentwood Lab](#)
 - ▶ [Challenge Exam Information](#)
- [Carnegie Log-in Help](#)
- [MyMathLab Log-in Help](#)
- [Want to become a Math Tutor?](#)

Pittsburg Math Tutoring Lab



Daytime Math Lab Coordinator: Mike Valdez, MA 118 (925) 439-2181 ext 3470 mvaldez@losmedanos.edu	Evening/Saturday Math Lab Coordinator: Allison Carlson, MA 103 (925) 439-2181 ext 3358 acarlson@losmedanos.edu
--	---

Math Tutoring Labs (925) 439-2181 ext 3326

The Math Tutoring Lab It is comprised of...

1. **Math Tutoring Lab** (MA 102)
2. **Computer Math Lab** (MA 107)
3. **Quiet Study Lab** (MA 106)

The Math Tutoring and Computer Math Labs are staffed by professors, tutors, and Math Lab Coordinators and are your place to get help on lab assignments, course concepts, computer software, and other assignments. The **Math Tutoring Lab** offers a study area along with 2 small rooms for study groups. Each computer in the **Computer Math Lab** is installed with software such as Mathematica, TinkerPlots, Microsoft Office, Excel, and Computer Aided Software (MyMathLab, Carnegie, et al.) used in the most current Math courses. The **Quiet Study Lab** offers a noise free space for you to work (no tutoring occurs in here as a courtesy to other students). This service is for LMC students enrolled in LMC Math classes *only*.

Spring 2011 (1/22/11 - 5/27/11)

Monday - Thursday 8 am - 9 pm

Friday & Saturday 8 am - 3 pm

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Testing Center (MA 106 - Inside Quiet Study Lab)

*** We are NOT affiliated with the [Math Assessment Testing](#)

The testing room is a quiet, proctored room where students can take PSI tests, [Challenge Exams](#) (by appointment only), and mastery quizzes for classes like Math 12 and 25. Students should bring photo ID's.

Spring 2011 (2/1/11 - 5/13/11)
Tuesday & Wednesday 1 pm - 8 pm
Thursday & Friday 8:30 am - 2:30 pm
Saturday - Monday Closed

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Brentwood Math Tutoring Lab

Tutoring Lab (Room 15) 439-2181 ext 6218

Math Lab Coordinator: Carol Love (925) 513-1625 ext 6218 clove@losmedanos.edu

The Brentwood Math Lab is staffed by professors, a math lab coordinator, and tutors. This service is for LMC students enrolled in LMC Math classes *only*.

Spring 2011 (1/22/11 - 5/27/11)
Monday - Thursday 8 am - 7 pm
Friday 10 am - 1 pm
Saturday 9 am - 12 pm

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([go back one page](#))

©2010 Los Medanos College (925) 439-2181 2700 East Leland Road, Pittsburg, CA 94565 [\[Map\]](#), [\[Legal & Privacy Notice\]](#) [\[Police Services\]](#), [\[Faculty & Staff pages\]](#), **District Sites** [\[CCC | DVC | SRVC | CCCC | Brentwood \]](#)

- [Brentwood Home](#)
- [Directions & Hours](#)
- [Class Schedule](#)
- [Assessment Schedule](#)
- [Degrees at Brentwood](#)
- [Services at Brentwood](#)

LMC Brentwood Center

services to the far East Contra Costa County

Center for Academic Support - Brentwood Center

At the LMC Brentwood Center, students may schedule a 30 minute appointment with a Reading and Writing Consultant. Our consultants are professors that offer students one-on-one assistance with reading and writing assignments, in person and [online](#).

To schedule an appointment at the Brentwood Center, call (925) 513-1625.

Reading and Writing Consultation for Fall 2010 ended
Wednesday, December 8th at the Brentwood Center.

To schedule an appointment with a Reading and Writing Consultant at the Main Campus call (925) 439-2181 ext. 3176 or click on the link below.

[Center for Academic Support Link - Los Medanos College](#)

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[\(go back one page\)](#)

APPENDIX H

PUBLIC TRANSPORTATION INFORMATION
(TRI DELTA TRANSIT)


RIDER INFORMATION

- [Bikes on Buses](#)

- [Holiday Schedule](#)

- [Lost and Found](#)

- [How to Ride the Bus](#)

- [Park and Ride](#)

- [Passengers with Disabilities](#)

- [Rules of the Road](#)

- [System Map](#)

- [Transfer Policy](#)

- [Safety and Security](#)

- [Commuter Benefits](#)

- [Bus Pass Savings](#)

- [Refund/Exchange Policy](#)



Choose a language to translate this page!

System Map
Welcome to Tri Delta Transit!

Serving the cities of Antioch, Pittsburg, Brentwood, Oakley, Bay Point, Discovery Bay and Concord, we operate 14 local bus routes Monday-Friday (including express route 300) and three on weekends & holidays. Every day we help East Contra Costa residents get to BART, work, school, the doctor, the library, parks, the movies, shopping centers, the grocery store, recreation activities, or just across town to visit family & friends.

Getting Started

Getting started is easy. To figure out which route you need, scroll through the attached system map. Routes are color coded to help you locate individual routes serving your location. Once you know which route(s) you need, click the above link called "Schedules & Maps" to see your selected route(s) including bus arrival times.

If you need assistance reading the schedule, [click here to read our "How to Ride the Bus" page](#). Or, give us a call at 925-754-4040 and we'll be happy to assist you.

Local Bus Stops

There are over 650 bus stops served by Tri Delta Transit local buses. Every bus stop served by each route is listed along with maps and schedules on this web site. To see a list of bus stops served by any route, simply select that route from the "Schedules & Maps" pull down menu above. For example: [click here to view Route](#)

380 Eastbound and you will see the Bus Stops link  to all bus stops served by the 380 Eastbound bus. Bus stop locations are identified by city, street, cross street and a landmark if available. To help make sure you arrive at the correct bus stop, each bus stop sign lists the route, and direction of travel.

Local Bus Fares

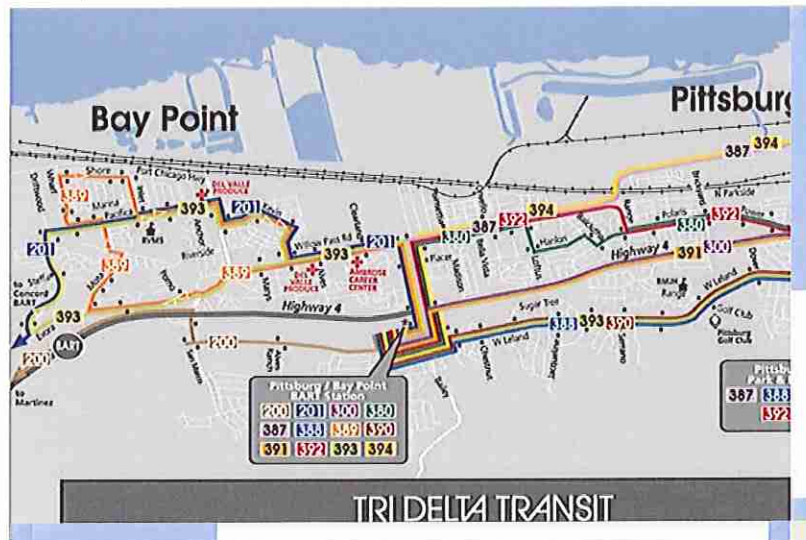
- Single Ride General Public: \$1.75 (Express Route 300: \$2.25)
- Single Ride senior/disabled: 75¢ (Express Route 300: \$1.25)
- Day Pass General Public: \$3.00 (Valid on Express Route 300!)
- Day Pass senior/disabled: \$1.25¢ (Valid on Express Route 300!)






There are lots of ways to save money when riding the bus. For a list of all fares including discount passes [click here - Fares](#)

Riding Local buses is a great way to get around. Not only will you get a ride, you'll save money and help our environment.

Enjoy your travels on Tri Delta Transit.

Use the right side and bottom scroll bars to follow a route.


System Map Legend

-  Bart Train - Pittsburg/Baypoint
-  387 Pittsburg BART/Tri Delta Antioch (Weekdays Only)
-  Dimes-a-ride Sellers (Weekdays)
-  200 Martinez/Pittsburg (Weekdays Only)
-  Passenger Stop

- | | | |
|--|---|-----------------------------------|
| ■ 201 Concord Route | ■ 388 Pittsburg BART/Hillcrest Park & Ride (Weekdays Only) | ★ Passenger Stop (Route 300 Only) |
| ■ 300 Pittsburg BART/Brentwood (Weekdays Only) | ■ 389 Pittsburg BART/Bay Point (Weekdays Only) | ■ Ticket Connection Location |
| ■ 379 Antioch Deer Valley | ■ 390 Pittsburg BART/Hillcrest Park & Ride (Weekdays Only/Commute hours) | MS Middle School |
| ■ 380 Pittsburg BART/Hillcrest Park & Ride (Weekdays Only) | ■ 391 Pittsburg BART/Brentwood Park & Ride (Weekdays Only) | JH Junior High |
| ■ 383 Hillcrest Park & Ride/Oakley (Weekdays Only) | ■ 392 Pittsburg BART/Antioch Park & Ride (Sat. Sun. & <u>Holidays</u> Only) | HS High School |
| ■ 384 Brentwood / Antioch | ■ 393 Baypoint / Brentwood Park & Ride (Sat. Sun. & <u>Holidays</u> Only) | |
| ■ 385 Brentwood / Antioch | ■ 394 Pittsburg / Antioch Weekends Only | |
| ■ 386 Discovery Bay / Brentwood | | |


FARES & TICKETS
[All Fares/Ticket Prices](#)
[Ticket Purchase Locations](#)
[Transfer Policy](#)
[Buy Tickets Online](#)
[Bus Pass Savings](#)
[Refund/Exchange Policy](#)


Choose a language to translate this page!



Select to language

Local Route Fares

Single ride, no transfers (general public age 6 years to 64)	\$1.75
Single ride, no transfers (Seniors 65+/Passengers with disabilities)	\$0.75
Children 5 and under (with paying customer)	\$0.00
Bart Transfer (general public age 6-64)	\$1.00
Bart Transfer (Seniors 65+/Passengers with disabilities)	\$0.75
Brentwood Dime's a Ride	\$0.20
*to receive a reduced fare, a passenger is required to show one of the following:	
• Drivers License	
• Regional Transit Discount Card	
• Medicare Card	

Express Route 300 Fares

Express Route 300 Cash Fare (general public age 6 years to 64)	\$2.25
Express Route 300 Cash Fare (Seniors 65+/Passengers with disabilities)	\$1.25
BART Transfer, Express Route 300 (general public age 6-64)	\$1.50
Bart Transfer, Express Route 300 (Seniors 65+/Passengers with disabilities)	\$1.25

Day Pass

Unlimited rides on all local fixed route buses AND Express Route 300 for an entire day. General Public (age 6-64)	\$3.00
Unlimited rides on all local fixed route buses AND Express Route 300 for an entire day. Senior Citizens And Passengers with Disabilities	\$1.25

Multiple Ride Punch Passes

Fixed Route Punch Pass (general public age 6-64) - 20 single rides local routes	\$30.00
Fixed Route Punch Pass Senior Citizens And Passengers with Disabilities - 20 ride pass local routes	\$15.00
Express Route 300 Punch Pass (general public age 6-64)	\$32.00

Monthly Passes

Monthly Pass - Unlimited rides on all Tri Delta Transit fixed local route buses AND Express Route 300 for an entire month (general public age 6-64)	\$50.00
East Bay Value Pass - Unlimited rides on all Tri Delta Transit local routes, AND Express Route 300. Also valid on County Connection, WestCat and Wheels fixed route buses for an entire calendar month (general public age 6-64)	\$60.00

Brentwood Dimes-a-Ride

Punch Pass All passengers - 20 ride punch pass	\$4.00
--	--------

49ers Express Shuttle Fares

General Public (age 16+) advanced purchase - Round Trip	\$15.00
General Public (age 16+) If purchased on bus on game day - Round Trip	\$18.00
Youth 6-15 - Round Trip	\$10.00
Kids 5 and under* - Round Trip	\$0.00
Season Pass (general public age 16+) - Round Trip	\$120.00
Season Pass (youth age 6-15) - Round Trip	\$75.00

*when accompanied by fare paying adult. One free kid fare per paying adult.

Delta Express Fares

Dublin BART/Pleasanton Delta Express One way ticket	\$9.00
Dublin BART/Pleasanton Delta Express 20 ride Punch Pass	\$95.00

February 2011 Promotional Special Dublin BART/Pleasanton Delta Express Monthly Pass From East Contra Costa County	\$80.00
Dublin BART/Pleasanton Delta Express Monthly Pass From East Contra Costa County	\$160.00
February 2011 Promotional Special Dublin BART/Pleasanton Delta Express Monthly Pass From Mt. House	\$55.00
Dublin BART/Pleasanton Delta Express Monthly Pass From Mt. House	\$110.00

Dial-a-Ride Fares and Passes

One-way trip starting and ending in Tri Delta Transit's ADA service area	\$2.25
One-way trip starting and/or ending outside Tri Delta Transit's ADA service area	\$4.50
Dial-a-Ride Coupon Book Ten \$2.25 coupons	\$22.50

Summer Youth Pass

Summer Youth Pass	\$60.00
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[School Tools](#)
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Bus Stops

Dimes-a-Ride - Downtown (Northbound) - Weekday Service

The Dimes-a-Ride is a flag stop bus route. Simply wave at the bus along the route and the driver will stop. For your safety, Tri Delta Transit recommends flagging the bus at a street intersection. Listed below are bus stops along the route.

City	Street	Cross Street	Landmark
Brentwood	Walnut Boulevard from Lot	inside PnR lot (begin 309N, 386E, 391W, 393W)	Brentwood Park & Ride
Brentwood	Walnut Boulevard	Dainty Avenue	flag stops
Brentwood	Oak Street	1st Street	flag stops
Brentwood	1st Street	Birch Street	flag stops
Brentwood	Birch Street	3rd Street	flag stop--no students on Birch Street
Brentwood	3rd Street	Chestnut Street	flag stops
Brentwood	Chestnut Street	Garin Parkway	flag stops
Brentwood	Garin Parkway (onto Oak Street)	Oak Street	flag stops
Brentwood	Oak Street	none	flag stop--HUSD Administration Offices
Brentwood	2nd Street	Maple Street	
Brentwood	2nd Street	SR4 (cross over SR4)	flag stops
Brentwood	2nd Street	Central Boulevard	flag stops
Brentwood	Central Boulevard	SR4 (cross over SR4)	flag stops
Brentwood	Sycamore Avenue	SR4	flag stops
Brentwood	Sycamore Avenue	Sycamore Court	flag stops
Brentwood	Sycamore Court	none - this is a loop	flag stop--Adult Community
Brentwood	Sycamore Avenue	Barbara Street	flag stops
Brentwood	Barbara Street	Sycamore Avenue	flag stop
Brentwood	Barbara Street	Village Drive	flag stops
Brentwood	Village Drive	State Route 4	flag stops
Brentwood	State Route 4	Village Drive	Brentwood Plaza
Brentwood	State Route 4	Technology Way	fr stop
Brentwood	State Route 4	Applewood Commons	fr stop
Brentwood	State Route 4	Sunset	fr stop
Brentwood	State Route 4	Lone Tree Way	fr stop--Big "B" Lumberteria
Brentwood	Lone Tree Way	Arroyo Seco Road (begin 309S, end 309N)	flag stops

[Back](#)



Bus Stops

Dimes-a-Ride - Downtown (Southbound) - Weekday Service

The Dimes-a-Ride is a flag stop bus route. Simply wave at the bus along the route and the driver will stop. For your safety, Tri Delta Transit recommends flagging the bus at a street intersection. Listed below are bus stops along the route.

City	Street	Cross Street	Landmark
Brentwood	Lone Tree Way	Arroyo Seco Road (begin 309S, end 309N)	flag stops
Brentwood	Arroyo Seco Road	Bonita Way	flag stops
Brentwood	Bonita Way	Cerritos Road	flag stops
Brentwood	Cerritos Road	Arroyo Seco Road	flag stops
Brentwood	Arroyo Seco Road	Lone Tree Way	flag stops
Brentwood	Grant Street	Cesar Chavez Drive	flag stops
Brentwood	Cesar Chavez Drive	Pasco Drive	flag stops
Brentwood	Pasco Drive	Little John Way	flag stops
Brentwood	Little John Way	Dunedin Drive	flag stops
Brentwood	Dunedin Drive	Dunbarton Drive	flag stops
Brentwood	Dunbarton Drive	Grant Street	flag stops
Brentwood	State Route 4	Grant Street	fr stop
Brentwood	State Route 4	Applewood Court	fr stop/ Marsh Creek Retirement Center
Brentwood	State Route 4	Sand Creek Road	fr stop (Brentwood Shopping Center)
Brentwood	State Route 4	Village Drive	fr stop/ Napa Auto Parts
Brentwood	Village Drive	Barbara Street	flag stops
Brentwood	Barbara Street	Sycamore Avenue	flag stops
Brentwood	Sycamore Avenue	Sycamore Court	flag stops
Brentwood	Sycamore Court	none - this is a loop	flag stops- Adult Community
Brentwood	Sycamore Avenue	State Route 4 (cross directly over SR4)	flag stops
Brentwood	Central Boulevard	State Route 4	flag stops
Brentwood	Central Boulevard	2nd Street	flag stops
Brentwood	2nd Street	State Route 4 (cross directly over SR4)	fr stop
Brentwood	2nd Street	Oak Street	fr stop
Brentwood	Oak Street	Larkspur Drive	Brentwood Post Office
Brentwood	Oak Street (onto Garin Parkway)	Garin Parkway	flag stops
Brentwood	Garin Parkway	Chestnut Street	flag stops
Brentwood	Chestnut Street	3rd Street	flag stops
Brentwood	3rd Street	Birch Street	flag stops
Brentwood	Birch Street	1st Street	flag stops
Brentwood	1st Street	Oak Street	flag stops
Brentwood	Oak Street	State Route 4	flag stops
Brentwood	Oak Street	Walnut Boulevard	flag stops
Brentwood	Walnut Boulevard to Lot	inside PnR lot (begin 300W/end 300,309S,391,393E)	Brentwood Park & Ride

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TRANSIT

TRAFFIC

RIDESHARE

BICYCLING

San Francisco Bay Area 511 Transit System: <http://transit.511.org>

Your Trip

Start: LOS MEDANOS COLLEGE - MAIN
CAMPUS (PITTSBURG), Pittsburg
End: Sand Creek Rd & Business Center Dr,
Brentwood
Leave at 8:30am on January 31

Trip Preferences

1. Fastest Trip
2. Adult Fare
3. Maximum walking between points 1 Mile

Transit Trip Itinerary

Fare: \$1.75 **Total Travel Time:** 00:57 **Depart:** 8:17am **Arrive:** 9:14am **Total Walk Time:** 00:07

- Walk** to Los Medanos College - (1 min walk)
- Continue along E Leland Rd, 0.01 miles
- Turn sharp left Connecting Road, 0.02 miles (0.03 miles)
- Turn sharp right at E Leland Rd, 0.02 miles (0.04 miles)

TriDelta Transit - 391 - towards Brentwood Park And Ride, Brentwood Fare \$ 1.75
8:18am - Board, E Corner of Los Medanos College (next 8:48am)
9:08am - Off Board, S Corner of State Route 4 & Sand Creek Road (50 min ride)

- Walk** to Sand Creek Rd & Business Center Dr, Brentwood - (6 min walk)
- Continue along Sand Creek Rd, 0.23 miles



511.ORG
SF Bay Area

TRANSIT

TRAFFIC

RIDESHARE

BICYCLING

San Francisco Bay Area 511 Transit System: <http://transit.511.org>

Your Trip

Start: Business Center Dr & Sand Creek Rd,
Brentwood
End: Dainty Ave & Marsh Creek Trl,
Brentwood
Leave at 8:30am on January 31

Trip Preferences

1. Fastest Trip
2. Adult Fare
3. Maximum walking between points 1/2 Mile

Transit Trip Itinerary

Fare: \$3.00 **Total Travel Time:** 00:37 **Depart:** 7:28am **Arrive:** 8:05am **Total Walk Time:** 00:08

- Walk** to Brentwood Blvd & Sand Creek Rd - (6 min walk)
- Continue along Sand Creek Rd, 0.23 miles
- Turn right at Brentwood Blvd/STATE HWY 4, < 0.01 miles (0.23 miles)

	TriDelta Transit - 384 - towards Balfour Road & John Muir Parkway, Brentwood	Fare \$ 3.00 (next 9:52am)
	7:34am - Board, W Corner of Brentwood Blvd & Sand Creek Rd	(10 min ride)
	7:44am - Off Board, E Corner of 194 Balfour Rd	

	TriDelta Transit - 384 - towards Brentwood Park And Ride, Brentwood	Fare (next 10:05am)
	7:49am - Board, E Corner of 194 Balfour Rd	(14 min ride)
	8:03am - Off Board, E Corner of 1293 Dainty Av	

- Walk** to Dainty Ave & Marsh Creek Trl, Brentwood - (2 min walk)
- Continue along Dainty Ave, 0.05 miles

APPENDIX I

SUPPLEMENTAL ENVIRONMENTAL IMPACT REPORT for NEW BRENTWOOD CENTER

GOVERNING BOARD
CONTRA COSTA COMMUNITY COLLEGE DISTRICT
OF
CONTRA COSTA COUNTY
MARTINEZ, CALIFORNIA

REPORT NO. 82-D

DATE May 25, 2011

PURPOSE Resolution Certifying a Final supplemental Environmental Impact Report (SEIR) for the New Brentwood Center – ROLL CALL VOTE REQUIRED

TO MEMBERS OF THE GOVERNING BOARD

RECOMMENDATION

It is recommended that Resolution No. 82-D of the Governing Board of the Contra Costa Community College District, certifying the final supplemental environmental impact report for the new Brentwood Center which is provided by separate cover, be adopted.

FUNDING SOURCE

Funding for this environmental impact analysis and for the new Brentwood Center project will come from Measure A 2006 local bond funds.

BACKGROUND

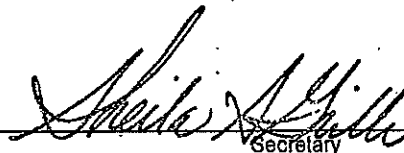
The District is required to comply with the requirements of the California Environmental Quality Act (CEQA) for the new Brentwood Center project. The District prepared the New Brentwood Center Supplemental Environmental Impact Report (SEIR) to supplement the Vineyards at Marsh Creek and Annexation Sites Environmental Impact Report (Vineyards EIR) certified by the City of Brentwood in 2004 for the Vineyards at Marsh Creek development (Vineyards Project). The SEIR was prepared to analyze the potential environmental effects that may result from the New Brentwood Center community college use proposed on a portion of the Pioneer Square site within the Vineyards Project. The community college use would replace the Mixed-Use Business Park uses for which the Pioneer Square site is designated.

The Final SEIR is composed of the following elements:

- Draft SEIR and Appendices
- List of persons, organizations and public agencies that commented on the Draft SEIR
- Copies of all comments received
- Written responses to those comments
- Revisions to the Draft SEIR resulting from comments

Certification is the first step in the CEQA approval process for the project. Following certification by the Governing Board, the Board will consider a separate resolution to approve the new Brentwood Center project.

Disposition APPROVED Date MAY 25 2011
Governing Board


Secretary

**RESOLUTION NO. 82-D OF THE GOVERNING BOARD OF THE
CONTRA COSTA COMMUNITY COLLEGE DISTRICT
CERTIFYING A FINAL SUPPLEMENTAL ENVIRONMENTAL
IMPACT REPORT FOR THE
NEW BRENTWOOD CENTER PROJECT**

WHEREAS, the Contra Costa Community College District ("District") proposes to construct a new education center ("New Brentwood Center" or "Project") on a 17-acre site ("Project Site") located in the City of Brentwood in eastern Contra Costa County, generally west of the intersection of the State Route 4 (SR 4) Bypass and Marsh Creek Road. The Project Site is within the larger Vineyards at Marsh Creek Project ("Vineyards Project"), and is a portion of the 27-acre Pioneer Square site, located northeast of Vineyards Parkway. The Project Site is comprised of the following Assessor's Parcel Nos.: 007-570-001, -003, -004, -005, -006 and -007, 007-580-001, -002, -003, and-004; and

WHEREAS, the New Brentwood Center would construct two, approximately 44,000-square-foot buildings for a total of approximately 88,000 square feet of classroom/office space and would serve a maximum of 5,000 full-time and part-time students. Each building would be a maximum of 35 feet in height. Two surface parking lots, landscaping and other site improvements would also be constructed; and

WHEREAS, the City of Brentwood ("City") certified the Vineyards at Marsh Creek and Annexation Sites Environmental Impact Report ("Vineyards EIR") for the Vineyards Project in 2004 pursuant to the requirements of the California Environmental Quality Act and the CEQA Guidelines (collectively "CEQA"); and

WHEREAS, the Vineyards EIR analyzed approximately 27 acres of mixed-use development on the Pioneer Square site, including commercial, office, senior apartments, hotel and conference center, and assisted care facilities, and analyzed approximately 29 acres of nearby land ("Cowell Property") proposed for annexation to the City and development of a future community college by the District for a maximum of 5,000 students; and

WHEREAS, the Cowell Property was one of two annexation sites studied in the Vineyards EIR and was later annexed to the City; and

WHEREAS, the New Brentwood Center is that earlier community college that was proposed on the Cowell Property, but is now relocated to a portion of the Pioneer Square site; and

WHEREAS, the District prepared a Supplemental Environmental Impact Report ("SEIR") pursuant to CEQA to supplement the Vineyards EIR and analyze the potential environmental effects that may result from the New Brentwood Center; and

WHEREAS, the New Brentwood Center Draft SEIR was circulated for a 45-day public review period beginning February 1, 2011, and ending on March 17, 2011 (State Clearinghouse No. 2010112046); and

WHEREAS, pursuant to CEQA, including without limitation, Section 21091(d)(2)(A) of the Public Resources Code and Sections 15088 and 15089 of the CEQA Guidelines, the

District has responded to all the environmental comments that were submitted on the Draft SEIR during the public review period and a Final SEIR has been completed; and

WHEREAS, following review of the Draft SEIR comments and responses, which include expanded discussion of impacts and mitigation measures, District staff determined that there is no substantially new information that would be cause to recirculate the Draft SEIR pursuant to CEQA, including without limitation, Section 15088.5(b) of the CEQA Guidelines; and

WHEREAS, on May 13, 2011, a public hearing notice was mailed to property owners and interested parties regarding the Board's consideration of project approval and certification of the Final SEIR. This notice together with written responses to public agency comments were mailed to the agencies commenting on the Draft SEIR; and

WHEREAS, on May 25, 2011, the Board held a duly-noticed public hearing on the Final SEIR, accepting all oral and written public testimony and the written report of District staff; and

WHEREAS, the location and custodian of records with respect to all relevant documents which constitutes the administrative record are as follows: Chief Facilities Planner, Contra Costa Community College District, 500 Court Street, Martinez, CA 94553.

NOW, THEREFORE, THE BOARD HEREBY RESOLVES, to certify the New Brentwood Center Final SEIR based on the following findings:

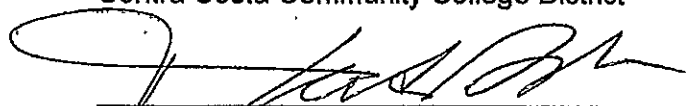
FINDINGS

1. The Final SEIR has been completed in compliance with CEQA.
2. The Governing Board reviewed and considered all information contained in the Final SEIR, comments from public agencies and other interested parties, and the District's responses to such comments.
3. The Final SEIR reflects the District's independent judgment and analysis.


ADOPTED, SIGNED AND APPROVED this 25th day of May, 2011.



John T. Nejedly, President, Governing Board,
Contra Costa Community College District



Tomi Van de Brooke, Vice President,
Governing Board



Sheila A. Grilli, Secretary, Governing Board

John E. Márquez
John E. Márquez, Member, Governing Board

Robert Calone
Robert Calone, Member, Governing Board

I, John T. Nejedly, President of the Governing Board of the Contra Costa Community College District, do hereby certify that the foregoing Resolution was adopted by the Governing Board of said District at a meeting of said Board held on the 25th day of May 2011, and that it was so adopted by the following vote:

AYES: John E. Márquez, Sheila A. Grilli, John T. Nejedly, Tomi Van de Brooke, Robert Calone, (Student Trustee Advisory Vote)

NOES: _____

ABSENT: _____

ABSTAIN: _____

John T. Nejedly
John T. Nejedly, President, Governing Board,
Contra Costa Community College District

Attested to:

Sheila A. Grilli
Sheila A. Grilli, Secretary, Governing Board

Exhibit A

NEW BRENTWOOD CENTER

CEQA Findings of Fact
(Pursuant to the State CEQA Guidelines)

Final Supplemental Environmental Impact Report
(State Clearinghouse No. 2010112046)

May 2011

1.0 INTRODUCTION

This statement of findings addresses the potentially significant environmental impacts associated with the proposed New Brentwood Center (project) located in the City of Brentwood, Contra Costa County, California and are made pursuant to Section 15091 of the California Environmental Quality Act Guidelines (*CEQA Guidelines*), which provide that:

- (a) No public agency shall approve or carry out a project for which an EIR has been certified which identifies one or more significant environmental effects of the project unless the public agency makes one or more written findings for each of those significant effects, accompanied by a brief explanation of the rationale for each finding. The possible findings are:
 - (1) Changes or alterations have been required in, or incorporated into, the project which avoid or substantially lessen the significant environmental effect as identified in the final EIR.
 - (2) Such changes or alterations are within the responsibility and jurisdiction of another public agency and not the agency making the finding. Such changes have been adopted by such other agency or can and should be adopted by such other agency.
 - (3) Specific economic, legal, social, technological, or other considerations, including provision of employment opportunities for highly trained workers, make infeasible the mitigation measures or project alternatives identified in the final EIR.
- (b) The findings required by subsection (a) shall be supported by substantial evidence in the record.

Section 15092 of the CEQA Guidelines further stipulates that:

- (b) A public agency shall not decide to approve or carry out a project for which an EIR was prepared unless either:
 - (1) The project as approved will not have a significant effect on the environment, or
 - (2) The agency has:
 - (A) Eliminated or substantially lessened all significant effects on the environment where feasible as shown in findings under Section 15091, and
 - (B) Determined that any remaining significant effects on the environment found to be unavoidable under Section 15091 are acceptable due to overriding concerns as described in Section 15093.

According to Section 15093 if the *CEQA Guidelines*:

- a) CEQA requires the decision-making agency to balance, as applicable, the economic, legal, social, technological, or other benefits of a proposed project against its unavoidable environmental risks when determining whether to approve the project. If the specific economic, legal, social, technological, or other benefits of a proposed project outweigh the unavoidable adverse environmental effects, the adverse environmental effects may be considered "acceptable."

-
- b) When the lead agency approves a project which will result in the occurrence of significant effects which are identified in the final EIR but are not avoided or substantially lessened, the agency shall state in writing the specific reasons to support its action based on the final EIR and/ or other information in the record. The statement of overriding considerations shall be supported by substantial evidence in the record.
 - c) If an agency makes a statement of overriding considerations, the statement should be included in the record of the project approval and should be mentioned in the notice of determination. This statement does not substitute for, and shall be in addition to, findings required pursuant to Section 15091.

As required by CEQA, the Contra Costa Community College District (District), in adopting these findings, must also adopt a Mitigation Monitoring and Reporting Program (MMRP) for the project. The MMRP, which is incorporated by reference and made a part of these findings, meets the requirements of Section 15097 of the *CEQA Guidelines* by providing for the implementation and monitoring of measures intended to mitigate potentially significant effects of the project.

Whenever these findings specifically refer to a mitigation measure that will avoid or mitigate a potentially significant impact, that specific mitigation measure is hereby made a specific condition of approval of the New Brentwood Center project.

1.1 PROJECT SUMMARY

The District prepared the New Brentwood Center Supplemental Environmental Impact Report (SEIR) to supplement the Vineyards at Marsh Creek and Annexation Sites Environmental Impact Report (Vineyards EIR) certified by the City of Brentwood (City) in 2004 for the Vineyards at Marsh Creek development (Vineyards Project). The SEIR was prepared to analyze the potential environmental effects that may result from the New Brentwood Center community college use proposed on a portion of the Pioneer Square site within the Vineyards Project. The community college use would replace the Mixed-Use Business Park uses for which the Pioneer Square site is designated.

As part of the Vineyards Project, the Vineyards EIR analyzed approximately 27 acres of mixed-use development on what was then referred to as the "Village Center" and what was later renamed "Pioneer Square." Approved Mixed-Use Business Park uses at Pioneer Square include commercial, office, senior apartments, hotel and conference center, and assisted care facilities. Additionally, the Vineyards EIR analyzed approximately 29 acres of nearby land proposed for annexation to the City and development of a future community college by the District for a maximum of 5,000 students. This land, referred to as the "Cowell Property," was one of two annexation sites studied in the Vineyards EIR and was later annexed into the City.

The proposed project analyzed in the New Brentwood Center SEIR was that earlier community college proposal by the District in a new location: 17 acres of the 27-acre Pioneer Square site. Although the project represents the District's desire to move its proposed community college campus from the Cowell Property to a portion of the Pioneer Square site, no change in the City's Community College land use designation on the Cowell Property is proposed at this time. The proposed project would use 17 acres of the 27-acre Pioneer Square site for community college use instead of the Mixed-Use Business Park uses for which the 17 acres are designated.

The SEIR also analyzed a more realistic Alternative Land Use Designation for the Cowell Property where by two community colleges would not be developed and the Mixed-Use Business Park uses displaced by the community college on the Pioneer Square site would be relocated to the Cowell Property.

1.2 ENVIRONMENTAL REVIEW PROCESS

In accordance with the requirements of CEQA and the *CEQA Guidelines*, a Notice of Preparation (NOP) of a Draft SEIR was filed with the State Clearinghouse (SCH) Office of Planning and Research (OPR) on November 18, 2010. The NOP was distributed to public agencies and interested parties for a 30-day public review period, which extended from November 19 to December 20, 2010.

A Notice of Completion (NOC) of the Draft EIR was filed with the SCH OPR on February 1, 2011. The Draft EIR was circulated for a 45-day public review period, which ended on March 17, 2011. During this public review period, the District received written comments on the Draft SEIR. Section 15088 of the *CEQA Guidelines* requires that the lead agency responsible for the preparation of an EIR evaluate comments on environmental issues received from parties who reviewed the Draft EIR and prepare a written response addressing each of the comments. A Final SEIR was prepared for the proposed project. The Final SEIR assembles in one document all of the environmental information and analysis prepared for the proposed project, including comments on the information and analysis contained in the Draft SEIR and responses by the District to those comments.

Pursuant to Section 15132 of the *CEQA Guidelines*, the Final SEIR consists of the following:

- (a) The Draft SEIR, including all of its appendices.
- (b) A list of persons, organizations, and public agencies commenting on the Draft SEIR.
- (c) Copies of all letters received by the District during the Draft SEIR public review period and responses to significant environmental points concerning the Draft SEIR raised in the review and consultation process.
- (d) Any other information added by the lead agency.

2.0 CEQA FINDING OF INDEPENDENT JUDGMENT

The District is the lead agency with respect to the proposed project pursuant to the Section 15367 of the *CEQA Guidelines*. As noted above, Section 15091 of the *CEQA Guidelines* requires that the lead agency prepare written findings for identified significant impacts, accompanied by a brief explanation for the rationale for each finding. The District has reviewed the Final SEIR. The Final SEIR for the project identified potentially significant effects that could result from project implementation. However, the District finds that the inclusion of certain mitigation measures as part of the project will reduce most, but not all, of those effects to less than significant levels. Those impacts that are not reduced to less than significant levels are identified and overridden due to specific project benefits identified specifically in a Statement of Overriding Considerations (provided under separate cover).

In accordance with CEQA and the *CEQA Guidelines*, the District adopts these findings as part of its approval of the project. Pursuant to Public Resources Code § 21082.1(c)(3), the District also finds that the Final SEIR reflects the District's independent judgment as the lead agency for the project.

3.0 ADMINISTRATIVE RECORD

The record, upon which all findings and determinations related to the approval of the project are based, includes the following:

- The SEIR and all documents referenced in or relied upon by the SEIR.
- All prior or present information (including written evidence and testimony) provided by District staff to the Governing Board relating to the SEIR and the project.
- All prior or present information (including written evidence and testimony) presented at any Governing Board meeting related to the project and the SEIR.
- The MMRP for the project.
- The City of Brentwood's General Plan, its related EIR, and the Brentwood Municipal Code (including its Zoning Ordinance).
- All other documents composing the record pursuant to Public Resources Code § 21167.6(e).
- The custodian of the documents and other materials that constitute the record of the proceedings upon which the District's decisions are based is Ray Pyle, Chief Facilities Planner, or his designee. Such documents and other materials are located at the Contra Costa Community College District, 500 Court Street, Martinez, CA 94553.

4.0 FINDINGS OF FACT

The following sections make detailed findings with respect to the potential effects of the project and refer, where appropriate, to the mitigation measures set forth in the Final SEIR and the MMRP to avoid or substantially reduce potentially significant adverse impacts of the project. The SEIR and the administrative record concerning the project provide additional facts in support of the findings herein. The Final SEIR is hereby incorporated into these findings in its entirety. Furthermore, the mitigation measures set forth in the Final SEIR and the MMRP are incorporated by reference in these findings. The MMRP was developed in compliance with Section 15097 of the *CEQA Guidelines* and is contained in Chapter 11.0 (Mitigation Monitoring and Reporting Program) of the Final SEIR.

4.1 NO PROJECT IMPACT

Based on the analysis contained in the SEIR, the following impacts have been determined to fall within the category of no project impact:

- Transportation/Traffic (pedestrian access, bicycle access, on-site circulation, emergency access and transit access)

4.2 LESS THAN SIGNIFICANT IMPACTS

Based on the analysis contained in the SEIR, the following impacts have been determined to fall within the category of less than significant impact and do not require implementation of mitigation measures:

- Greenhouse Gas Emissions (generation of greenhouse gas emissions that could impact the environment, conflict with applicable greenhouse gas reduction plan, policy or regulation, and cumulative greenhouse gas emissions)
- Transportation/Traffic (near-term traffic at study intersections and project site access)

4.3 POTENTIALLY SIGNIFICANT BUT MITIGABLE IMPACTS

Pursuant to *CEQA Guidelines* Sections 15091(a)(1) and 15092(b), and to the extent reflected in the SEIR and the MMRP, the District finds that changes or alterations have been required to, or incorporated into, the components of the project to mitigate or avoid potentially significant effects on the environment. Based on the analysis contained in the SEIR, the following impacts have been determined to fall within the category of impacts that can be reduced to less than significant levels with implementation of the mitigation measures set forth below:

- Air Quality (short-term impacts during grading and construction)
- Transportation/Traffic (temporary construction impacts)

4.3.1 Air Quality

Summary of Potential Impacts

An evaluation of potential air quality impacts that could result from implementation of the proposed project is provided in Section 4.2 (Air Quality) of the Draft SEIR. Grading and construction activities associated with development of the proposed project would result in short-term air quality impacts. Temporary air quality impacts would result from: 1) particulate (fugitive dust) emissions during grading and construction activities; and 2) exhaust emissions from construction equipment and the motor vehicles of the construction crew.

Findings

The District finds that, pursuant to Section 15091(a)(1) of the *CEQA Guidelines*, changes or alterations have been required in, or incorporated into, the project, which would mitigate or avoid potentially significant short-term air quality impacts during grading and construction activities, as identified in the Final SEIR. The District further finds that the change or alteration in the project or the requirement to impose the mitigation as a condition of project approval is within the jurisdiction of the District to require, and the mitigation is appropriate and feasible.

Facts in Support of Findings

Short-term air quality impacts during grading and construction of the proposed project would be less than significant with implementation of Mitigation Measure 4.2-1, which requires implementation of the Bay Area Air Quality District's (BAAQMD's) Basic Construction Mitigation Measures.

4.3.2 Transportation/Traffic

Summary of Potential Impacts

An evaluation of potential traffic impacts that could result from implementation of the proposed project is provided in Section 4.4 (Transportation/Traffic) of the Draft SEIR. Grading and construction activities associated with the proposed project would temporarily affect vehicular, pedestrian and bicycle circulation in the vicinity of the project site resulting in traffic impacts during the construction period. The proposed project would generate truck traffic for a variety of purposes throughout the construction schedule, including excavation; building material deliveries, concrete pours, etc. In addition, traffic

detours may periodically be required to allow heavy equipment movements or to facilitate construction activities directly adjacent to the street.

Findings

The District finds that, pursuant to Section 15091(a)(1) of the *CEQA Guidelines*, changes or alterations have been required in, or incorporated into, the project, which mitigate or avoid potentially significant traffic impacts during grading and construction activities, as identified in the Final SEIR. The District further finds that the change or alteration in the project or the requirement to impose the mitigation as a condition of project approval is within the jurisdiction of the District to require, and the mitigation is appropriate and feasible.

Facts in Support of Findings

Temporary traffic impacts during grading and construction of the proposed project would be less than significant with implementation of Mitigation Measure 4.4-3, which requires preparation and implementation of a Construction Traffic Management Plan.

4.4 ENVIRONMENTAL EFFECTS OF THE PROJECT WHICH ARE CONSIDERED UNAVOIDABLE SIGNIFICANT IMPACTS

This section identifies the significant and unavoidable impacts that require a statement of overriding considerations to be adopted by the District, pursuant to Section 15093 of the *CEQA Guidelines*, if the project is approved. Based on the analysis contained in the SEIR, the following impacts would be significant and unavoidable:

- Air Quality (exceed established thresholds during operation; conflict with applicable air quality management plan; and cumulatively contribute to the exceedance of established thresholds)
- Transportation/Traffic (degrade an acceptable intersection level of service (LOS) to an unacceptable LOS under cumulative project conditions)

As previously stated, the SEIR also analyzed a more realistic Alternative Land Use Designation for the Cowell Property, which would lessen the impacts and avoid all significant and unavoidable impacts.

4.4.1 Air Quality

Summary of Potential Impacts

An evaluation of potential air quality impacts that could result from implementation of the proposed project is provided in Section 4.2 (Air Quality) of the Draft SEIR.

Emissions generated by vehicle traffic associated with the proposed project would exceed established BAAQMD thresholds for reactive organic gas (ROG) and particulate matter (PM₁₀). Despite implementation of operational mitigation measures, ROG and PM₁₀ emissions would remain above BAAQMD thresholds. If mitigated levels of any criteria air pollutant or precursor would still exceed the applicable threshold of significance, the impact to air quality would remain significant and unavoidable.

The proposed project would result in significant long-term operational air quality impacts from ROG and PM₁₀ emissions. The project's exceedance of operational ROG (an ozone precursor) and PM₁₀ emissions

would hinder the region's ability to achieve compliance with the state ozone standards as expeditiously as practicable. Therefore, the proposed project would conflict with the *2010 Bay Area Clean Air Plan*.

A project that exceeds the BAAQMD thresholds would also result in a cumulatively considerable impact. The proposed project's operational emissions would exceed BAAQMD thresholds for ROG and PM₁₀. Therefore, the proposed project, in conjunction with related cumulative projects would be cumulatively considerable. Despite implementation of transportation demand management features (included as project design features), cumulative impacts would be significant and unavoidable.

Findings

The District finds that there are no feasible measures that would completely mitigate or avoid all potentially significant air quality impacts during project operation (Impacts 4.2-2, 4.2-3 and 4.2-4), as identified in the Final SEIR.

Facts in Support of Findings

The proposed project would include various design features that would reduce emissions of criteria pollutants related to mobile source and area source emissions. These measures primarily relate to energy efficiency and would not reduce ROG and PM₁₀. Because the operational mitigation measures would not reduce emissions below established thresholds, the impact would be significant and unavoidable. It should be noted that operational emissions for the Vineyards Project were also found to be significant and unavoidable.

As discussed above, the proposed project would conflict with the *2010 Bay Area Clean Air Plan*. As there is no feasible mitigation, this impact would remain significant and unavoidable. Likewise, there are no feasible mitigation measures to reduce the project's cumulative operational emissions resulting in a significant and unavoidable impact.

4.4.2 Transportation/Traffic

Summary of Potential Impacts

The intersection of State Route (SR) 4 Bypass and Marsh Creek Road is expected to operate at an unacceptable level of service (LOS) D during both peak hours under Cumulative No Project conditions. The addition of project traffic would increase the volume-to-capacity (V/C) ratio by more than 0.1. There is no feasible mitigation for this cumulative impact. As such, this impact would be significant and unavoidable.

Findings

The District finds that there are no feasible measures that would mitigate or avoid potentially significant cumulative traffic impacts (Impact 4.4-2), as identified in the Final SEIR.

Facts in Support of Findings

Under Cumulative conditions, three of the four study intersections are projected to operate at an acceptable LOS with or without the project, assuming development of a community college land use on both the Pioneer Square site and the Cowell Property. This assumption was made because the Cowell

Property still has an approved community college land use. Because the District is not the land use regulatory body with authority over the uses allowed on the Cowell Property (the City is) and the District does not control the Cowell Property, the District cannot legally change the land use designation for the Cowell Property, and hence, the District did not include such a change of use in its project proposal.

As described above, the intersection of the SR 4 Bypass and Marsh Creek Road, however, is expected to operate at an unacceptable level of service (LOS) D during both peak hours under Cumulative No Project conditions. The addition of project traffic would increase the V/C ratio by more than 0.1. This impact is considered potentially significant based on significance criteria used in the Vineyards EIR.

Construction of an overpass at this location is included in the East Contra Costa Regional Fee and Financing Authority (ECCRFFA) Plan. Construction of the SR 4 Bypass/Marsh Creek Road overpass would provide acceptable operations at this location. However, the fee program does not identify funding sources to fully fund all of the projects in the ECCRFFA Plan, including the SR 4 Bypass/Marsh Creek Road overpass. No other feasible mitigation has been identified for this intersection. Thus, the impact is considered significant and unavoidable.

5.0 FINDINGS REGARDING CONSIDERATIONS THAT MAKE ALTERNATIVES ANALYZED IN THE EIR INFEASIBLE

As previously described, the Vineyards EIR was certified by the City in 2004 for the Vineyards Project. The Vineyards EIR analyzed a reasonable range of alternatives to the Vineyards Project, as required by CEQA.

The SEIR further expanded the reasonable range of alternatives in the Vineyards EIR by analyzing an alternative land use for the Cowell Property (presently designated Community College by the City's General Plan), given that the project proposes to relocate the community college use to a portion of the Pioneer Square site and given that it is not likely that two community college campuses would ever be developed in close proximity to one another.

The alternative was presented in the SEIR to compare the impacts of the proposed project with those that might result if the land use on the Cowell Property were changed by the City in the future. Analysis of this alternative allows the greater community to discern what could take place on the Cowell Property if the City, in concert with the owners of the Cowell Property, later decide to consider alternative uses for the Cowell Property, and how such changed use would potentially avoid or substantially lessen all significant impacts of the project analyzed in the SEIR.

5.1 ALTERNATIVE LAND USE DESIGNATION

Under the proposed project, the New Brentwood Center community college uses and facilities would be relocated from the approximately 29-acre Cowell Property where it was previously proposed to a 17-acre portion of the 27-acre Pioneer Square site. The Cowell Property is currently designated by the City's General Plan as Community College and the Pioneer Square site is designated Mixed-Use Business Park. Thus, the proposed project would displace approximately 63 percent (17 acres divided by 27 acres) of the mixed-use development that would otherwise be allowed on the Pioneer Square site.

The Alternative Land Use Designation would change the land use on the Cowell Property from Community College to Mixed-Use Business Park and transfer the 63 percent of Mixed-Use Business Park uses otherwise allowed on the 17-acre portion of the Pioneer Square site (and now displaced by the

proposed project) to the Cowell Property. The ten acres remaining at Pioneer Square would continue to allow Mixed-Use Business Park uses. This alternative would allow no different or greater intensity of uses than those analyzed in the Vineyards EIR.

5.1.1 Environmental Effects

Under the Alternative Land Use Designation, daily traffic trips would be reduced to those analyzed in the Vineyards EIR. Likewise, emissions generated by vehicle traffic would be reduced such that BAAQMD thresholds for ROG and PM₁₀ would not be exceeded and operational air quality impacts would be less than significant. Consequently, this alternative would not conflict with the air quality plan and cumulative air quality impacts would be less than significant. As such, all three significant and unavoidable air quality impacts would be avoided by the Alternative Land Use Designation.

The Alternative Land Use Designation would result in the same less than significant but mitigable short-term traffic impacts as the proposed project. Trip generation during the AM and PM peak hour would be reduced under the Alternative Land Use Designation and cumulative impacts at the intersection of SR 4 Bypass and Marsh Creek Road would be reduced. However, traffic patterns in the project vicinity would differ from those studied in the Vineyards EIR due to the relocation of land uses. Implementation of the Alternative Land Use Designation would not degrade operations at any of the study intersections. Therefore, the only significant and unavoidable cumulative traffic impact would be avoided by the Alternative Land Use Designation.

5.1.2 Feasibility

The Alternative Land Use Alternative is infeasible because the District is not the land use regulatory body with authority over the uses allowed on the Cowell Property, does not control the property, and cannot legally change the land use designation.

Education Code § 66700 provides that California Community Colleges are postsecondary schools and that the Board of Governors of the California Community Colleges prescribe minimum standards for the formation and operation of community colleges and exercise general supervision. Education Code § 66903(e) and 66904 require that the California Post Secondary Education Commission (CPEQ) advise the Legislature regarding the location of new institutions and campuses of public higher education. Before a community college acquires a new school site, Public Resource Code § 21151.2 requires written notice of the proposed acquisition to the local planning commission. This is also required by Government Code § 65402.

Given the requirements for review and approval at both the state and local levels, the possibility of the Cowell Property ever being approved for a community college subsequent to the development of the New Brentwood Center on the Pioneer Square site as analyzed in the SEIR is extremely unlikely. Neither the Board of Governors nor CPEQ would likely approve the acquisition of land for a community college that would be located near the New Brentwood Center. Additionally, the City of Brentwood noted in their comments on the Draft SEIR that "there should be no need to analyze a second campus." The proposed project would move the community college from the Cowell Property (the site originally zoned for a community college) to the site studied in the SEIR. Although the District has no authority to change the land use designation on the Cowell Property, it is reasonable to assume that a community college would not be built there. The Contra Costa Community College District is the only community college district recognized by the Board of Governors of the California Community Colleges in Contra Costa County with jurisdiction to establish a community college campus in this area of the County, and the District is

releasing all legal interest in the Cowell Property as a part of the proposed project. Accordingly, there is no organization in Contra Costa County with the ability to establish a community college campus on the Cowell Property. It is also reasonable to assume that at some point the City will approve a change to the General Plan land use designation on the Cowell Property, or it will remain undeveloped.

6.0 FINDINGS WITH RESPECT TO MITIGATION OF SIGNIFICANT ADVERSE IMPACTS AND ADOPTION OF MITIGATION MONITORING PLAN

Based on the entire record before the District, and having considered the significant and unavoidable impacts of the project, the District hereby determines that all feasible mitigation within the responsibility and jurisdiction of the District has been adopted to reduce or avoid the potentially significant impacts identified in the SEIR, and that no additional feasible mitigation is available to further reduce significant impacts. The feasible mitigation measures are discussed in Sections 4.1 and 4.2, above, and are set forth in the MMRP.

CEQA provides that each public agency mitigate or avoid the significant effects on the environment of projects it approves or carries out whenever it is feasible to do so (Public Resources Code § 21001.1[b]). In mitigating or avoiding a significant effect of a project, a public agency may exercise only those express or implied powers provided by law other than under CEQA (Public Resources Code § 21004). The District has specific powers to mitigate effects that occur within its jurisdiction, namely within the District.

Public Resources Code § 21081.6 requires the District to adopt a monitoring or compliance program regarding the changes in the project and mitigation measures imposed to lessen or avoid significant effects on the environment. The MMRP for the New Brentwood Center project is hereby adopted by the District because it fulfills the CEQA mitigation monitoring requirements, as follows:

- The MMRP is designed to ensure compliance with the changes in the project and mitigation measures imposed on the project during project implementation
- Measures to mitigate or avoid significant effects on the environment are fully enforceable through conditions of approval, permit conditions, agreements or other measures

Exhibit B

NEW BRENTWOOD CENTER

**Statement of Overriding Considerations
(Pursuant to the State CEQA Guidelines)**

**Final Supplemental Environmental Impact Report
(State Clearinghouse No. 2010112046)**

May 2011

STATEMENT OF OVERRIDING CONSIDERATIONS

The California Environmental Quality Act (CEQA) requires decision makers to balance, as applicable, the economic, legal, social, technological and/or other benefits of a project against its significant and unavoidable environmental impacts when determining whether to approve the project. If the specific economic, legal, social, technological and/or other benefits of the project outweigh the significant and unavoidable impacts, those impacts may be considered "acceptable" (*CEQA Guidelines* Section 15093(a)). When significant impacts are not avoided or lessened, CEQA requires the agency to state, in writing, the specific reasons for considering a project acceptable. Those reasons must be based on substantial evidence in the Final Environmental Impact Report (EIR) or elsewhere in the administrative record (*CEQA Guidelines* Section 15093(b)).

In accordance with the requirements of CEQA and the *CEQA Guidelines*, the Contra Costa Community College District (District) finds that the mitigation measures identified in the Final Supplemental Environmental Impact Report (SEIR) and the Mitigation Monitoring and Reporting Program, when implemented, will avoid or substantially lessen virtually all of the significant impacts identified in the Final SEIR for the New Brentwood Center (project). However, under the land use assumptions analyzed in the SEIR with two community colleges in close proximity to one another, certain significant impacts of the project are unavoidable even after incorporation of all feasible mitigation measures. Because the District does not have the authority to change the land use designation on the Cowell Property, this is the only assumption that can be made. As such, the project would result in significant and unavoidable air quality and traffic impacts. The Final SEIR provides detailed information regarding these impacts.

The Final SEIR also analyzed a more realistic Alternative Land Use Designation for the Cowell Property, which would lessen the impacts and avoid the significant and unavoidable impacts. It is reasonable to assume that the California Community Colleges Chancellor's Office, the California Postsecondary Education Commission, and the City of Brentwood would not support a second community college on the Cowell Property and, therefore, all significant and unavoidable impacts identified in the Final SEIR would not occur.

The District finds that all feasible mitigation measures identified in the Final SEIR within the purview of the District will be implemented with the project, and that the remaining significant and unavoidable impacts are outweighed and are found to be acceptable due to the following specific overriding economic, legal, social, technological and/or other benefits based upon the facts set forth in the Findings of Fact (provided under separate cover), the Final SEIR and the administrative record, as follows:

- The New Brentwood Center will benefit the residents of east Contra Costa County and further the District's mission of providing accessible, innovative and outstanding higher education opportunities and support services.
- The project will provide sufficient property to develop 88,000 gross square feet of college space. This facility size is projected to be adequate for long-range educational needs in the enrollment area.
- The facility will be in an ideal central location to serve the enrollment area and will have access within one quarter of a mile to the state highway serving that area. The current leased facility is several miles from the highway which decreases its apparent accessibility and convenience for people seeking higher education.
- The project will move the community college from the Cowell Property (the site originally zoned for a community college) to the site studied in the SEIR. Although the District has no authority to

change the land use designation on the Cowell Property, it is reasonable to assume that a community college will not be built there. The Contra Costa Community College District is the only community college district recognized by the Board of Governors of the California Community Colleges in Contra Costa County with jurisdiction to establish a community college campus in this area of the County, and the District is releasing all legal interest in the Cowell Property as a part of the project. Accordingly, there is no organization in Contra Costa County with the ability to establish a community college campus on the Cowell Property. It is also reasonable to assume that at some point the City will approve a change to the General Plan land use designation on the Cowell Property, or it will remain undeveloped.

- The District will own the facility. This will end ongoing rental expense and provide greater control to modify the facility as educational needs change with the passage of time.
- Ownership of the facility will provide one of the remaining elements necessary to qualify for recognition as a formal Education Center. The state wants to ensure that its investment in a formal Education Center is permanently secure.

Exhibit C

NEW BRENTWOOD CENTER

**Mitigation Monitoring and Reporting Program
(Pursuant to the State CEQA Guidelines)**

Final Supplemental Environmental Impact Report

(State Clearinghouse No. 2010112046)

May 2011

Table 1
Mitigation Monitoring and Reporting Program – New Brentwood Center Project

<p>4.2-1 - Grading plans, building plans and specifications shall stipulate that, in compliance with the BAAQMD <i>CEQA Air Quality Guidelines</i>, the following basic construction mitigation measures shall be implemented:</p> <ul style="list-style-type: none"> ▪ All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas and unpaved access roads) shall be watered two times per day. ▪ All haul trucks transporting soil, sand, or other loose material off-site shall be covered. ▪ All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited. ▪ All vehicle speeds on unpaved roads shall be limited to 15 mph. ▪ All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. ▪ Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13. 	<p>Implement all control measures listed in Mitigation Measure 4.2-1 during construction</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to the start of grading, review final construction specifications to ensure that all requirements listed in Mitigation Measure 4.2-1 are included</p> <p>Conduct periodic site visits during grading and construction to verify that control measures are being implemented</p>	<p>Halt grading and/or construction until control measures are implemented</p>
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Table 1
Mitigation Monitoring and Reporting Program – New Brentwood Center Project

<p>Section 2485 of California Code of Regulations [CCR]. Clear signage shall be provided for construction workers at all access points.</p> <ul style="list-style-type: none"> All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation. A publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints shall be posted. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations. 					<p>Prepare and implement Construction Traffic Management Plan, including the items listed in Mitigation Measure 4.4-3</p>	<p>Contra Community District construction contractor</p>	<p>Prior to the start of construction, review Construction Traffic Management Plan to ensure that all requirements listed in Mitigation Measure 4.4-3 are included</p>	<p>Postpone the start of construction until plan has been prepared and requirements have been included</p>
<p>4.4-3 - Prior to start of construction, the prime contractor shall prepare a Construction Traffic Management Plan, which shall include the following items:</p> <ul style="list-style-type: none"> Proposed truck routes to be used Construction hours, including limits on the number of truck trips during the AM and PM peak traffic periods (6:00 to 9:00 AM and 4:00 to 6:00 PM), if conditions 								

Table 1
Mitigation Monitoring and Reporting Program – New Brentwood Center Project

<p>demonstrate the need</p> <ul style="list-style-type: none"> ▪ Proposed employee parking plan (number of spaces and planned locations) to be accommodated within the site ▪ Proposed construction equipment and materials staging areas, showing minimal conflicts with traffic, pedestrian and bicycle circulation patterns ▪ Expected traffic detours needed, planned duration, and traffic control plans including potential sidewalk closures and plans to accommodate vehicular, pedestrian and bicycle detours. 				
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Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>3.7-A.1 - The project proponent shall prepare a landscaping plan. The plan shall be prepared by a licensed landscape architect and shall pay special attention to screening portions of the development that may be considered visually unappealing and disharmonious from view of the John Marsh Home and</p>	<p>Prepare landscape plan that provides required screening</p>	<p>Contra Community District</p>	<p>Costa College</p>	<p>Prior to the start of construction, review landscape plan to ensure that it meets the requirements of Mitigation Measure 3.7-A.1</p>	<p>Postpone the start of construction until landscape plan has been prepared</p>
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**Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project**

<p>surrounding State Park. Equipment storage areas shall be screened from the view of offsite residences, the John Marsh Home, and roadways.</p> <p>3.7-G.1 - The project proponent shall prepare a lighting plan. To minimize potential disturbance that may be caused by outdoor lighting to the maximum extent possible, and to avoid excessive contributions to atmospheric nightsky conditions, outdoor lighting shall include the following standards:</p> <ul style="list-style-type: none"> ▪ Parking lot and exterior building lighting shall be installed to the approval of the Community Development and Police Departments. ▪ All lighting shall be shielded from abutting properties. ▪ No lighting shall be of the type or in a location such that it constitutes a hazard to vehicular traffic, either on private property or on abutting streets. ▪ The spacing and height of the standards and luminaires shall be such that a maximum of seven foot candles and a minimum of one foot candle of illumination are obtained on all vehicle access ways and parking areas. ▪ The height of light standards shall not exceed 20 feet. ▪ To prevent damage from automobiles, 	<p>Prepare lighting plan that includes the standards listed in Mitigation Measure 3.7-G.1</p>	<p>Contra Community District</p>	<p>Costa College</p>	<p>Prior to the start of construction, review lighting plan to ensure that it meets the requirements of Mitigation Measure 3.7-G.1</p>	<p>Postpone the start of construction until lighting plan has been prepared</p>
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Table 2
 Mitigation Monitoring and Reporting Program – Vineyards Project

<p>standards shall be mounted on reinforced concrete pedestals or otherwise protected.</p> <ul style="list-style-type: none"> Under canopy lighting elements shall be recessed or concealed in such a manner as not to be directly visible from a public street. Lighting shall be installed around the perimeter of the building and be vandal resistant. 		<p>Contra Community District</p>	<p>Costa College</p>	<p>Prior to the start of construction, review architectural plans to ensure that it meets the requirements of Mitigation Measure 3.7-G.2</p>	<p>Postpone the start of construction until plans have been prepared</p>
<p>3.7-G.2 - To minimize glare generated by the proposed project, the project proponent shall design the project with non-reflective glass and construction materials to the extent feasible.</p>	<p>Prepare architectural plans that use non-reflective glass and construction materials</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to the start of grading or construction, conduct pre-construction surveys and comply with the requirements listed in Mitigation Measure 3.8-E.1</p>	<p>Postpone the start of grading and/or construction until surveys have been completed</p>
<p>3.8-E.1 - A qualified biologist will conduct pre-construction surveys for CRLF in all construction areas located within 300 feet of Marsh Creek. Following preconstruction surveys with negative results, all vegetation within the project impact area adjacent to and in the creek (or other relevant wetland habitats) will be removed and exclusion fencing will be established around the perimeter of the project impact area.</p> <p>If CRLF are found at or near the site then the project proponent shall implement all conditions pertaining to CRLF which are</p>	<p>Conduct pre-construction surveys and comply with the requirements listed in Mitigation Measure 3.8-E.1</p>				

Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>included in the incidental take authorization issued by USFWS for the Vineyards at Marsh Creek project.</p> <p>Once exclusion fencing has been erected between the project construction zone and Marsh Creek, a qualified biologist will then survey the construction zone to confirm that no CRLF are present. In addition, the applicant shall take appropriate measures to ensure that CRLF are not affected by project activities. Such measures may include minimization of disturbance within the banks of the creek, minimization of construction and staging impacts within riparian habitat, additional pre-construction surveys for CRLF, and periodic monitoring of the site for this species during construction.</p>									
<p>3.8-E.2 - A qualified biologist will provide project contractors and construction crews with a worker-awareness program before any work within Marsh Creek or adjacent upland habitats that are appropriate for CRLF. This program will be used to describe the species, its habits and habitats, its legal status and required protection, and all applicable mitigation measures.</p> <p>3.8-F.1 - A qualified biologist will conduct pre-construction surveys for western pond turtles in all construction areas located within 300 feet of Marsh Creek or stock ponds. If a western pond turtle is found during pre-</p>	<p>Provide construction contractors and crews with a worker-awareness program</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to the start of grading and/or construction, provide a worker-awareness program</p>	<p>Prior to the start of grading and/or construction until program has been provided</p>	<p>Postpone the start of grading and/or construction until program has been provided</p>	<p>Conduct pre-construction surveys and comply with the requirements listed in Mitigation Measure</p>	<p>Contra Community District construction contractor</p>	<p>Prior to the start of grading and/or construction, conduct pre-construction surveys and comply</p>
<p>3.8-F.1 - A qualified biologist will conduct pre-construction surveys for western pond turtles in all construction areas located within 300 feet of Marsh Creek or stock ponds. If a western pond turtle is found during pre-</p>	<p>Conduct pre-construction surveys and comply with the requirements listed in Mitigation Measure</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to the start of grading and/or construction, conduct pre-construction surveys and comply</p>	<p>Prior to the start of grading and/or construction until surveys have been</p>	<p>Postpone the start of grading and/or construction until surveys have been</p>			

Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>construction surveys, it will be relocated as necessary to a location in Marsh Creek deemed suitable by the biologist (i.e., at a location in Marsh Creek which is a sufficient distance from construction activities). Because attempting to locate pond turtle nests will not result in a realistic probability of detection, if a western pond turtle is found in Marsh Creek adjacent to the site, exclusion fencing will be used to eliminate the possibility of nest establishment in uplands adjacent to that portion of Marsh Creek. This measure may be required for other species (see mitigation for California red-legged frog).</p>	<p>3.8-F.1</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to the start of grading or construction, provide a worker-awareness program</p>	<p>with the requirements listed in Mitigation Measure 3.8-F.1</p> <p>completed</p>
<p>3.8-F.2 - A qualified biologist will provide project contractors and construction crews with a worker-awareness program before any work within Marsh Creek or adjacent upland habitats that are appropriate for western pond turtles. This program will be used to describe the species, its habits and habitats, its legal status and required protection, and all applicable mitigation measures.</p>	<p>3.8-F.1</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Provide construction contractors and crews with a worker-awareness program</p>	<p>Postpone the start of grading and/or construction until a program has been provided</p>
<p>3.8-G.1 - Demolition and construction should be scheduled, to the extent feasible, to avoid the nesting season, which extends from February through August. If it is not possible to schedule demolition and construction between September and January, then one of the following options (Mitigation 3.8-G.2 or 3.8-G.3) shall be implemented.</p>	<p>3.8-G.2 or 3.8-G.3</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>If demolition and construction would occur during nesting season, conduct pre-construction surveys and comply with the requirements of Mitigation Measure</p>	<p>Postpone the start of demolition and construction until surveys have been completed</p>

Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>AND</p> <p>3.8-G.2 - Trees containing known or potential raptor nest sites may be removed during the non-breeding season to discourage future nesting attempts on the condition that no raptor pair is currently utilizing the nest site. Monitoring evidence that any nests in trees planned for early removal are unattended by reproductive-aged birds must be provided. Alternatively, Mitigation 3.8-G.3 may be used.</p>	<p>3.8-G.3</p> <p>Conduct pre-construction surveys and comply with the requirements of Mitigation Measure 3.8-G.3</p>				
<p>OR</p> <p>3.8-G.3 - Pre-construction surveys for nesting raptors shall be conducted by a qualified biologist to ensure that no raptor nests will be disturbed during project implementation. A pre-construction survey shall be conducted no more than 14 days prior to the initiation of demolition/construction activities during the early part of the breeding season (January through April) and no more than 30 days prior to the initiation of these activities during the late part of the breeding season (May through August). During this survey, a qualified biologist shall inspect all trees in and immediately adjacent to the impact areas for raptor nests. If an active raptor nest is found sufficiently close (as determined by the</p>					

Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>qualified biologist) to the construction area to be affected by these activities, the qualified biologist shall determine a construction-free buffer zone to be established around the nest.</p> <p>3.8-1 - In order to ensure that nesting Swainson's Hawks will not be affected by construction in the project area; a qualified biologist shall conduct pre-construction surveys. Survey Period I occurs from January 1 - March 20, Period II from March 20 - April 5, Period III from April 5 - April 20, Period IV from April 21 - June 10, and Period V is from June 10 - July 30. Three surveys shall be completed in at least each of the two survey periods immediately prior to a project's initiation. If a nest site is found, then, similar to Mitigation Measures 3.8-G.2 and G.3, above, either of the following procedures must be followed:</p> <ol style="list-style-type: none"> 1. Trees containing known or potential raptor nest sites may be removed during the non-breeding season to discourage future nesting attempts on the condition that no Swainson's Hawk pair is currently utilizing the nest site. Monitoring evidence that any nests in trees planned for early removal are unattended by reproductive-aged birds must be provided; or 2. If an active Swainson's Hawk nest is found on or sufficiently close (as 	<p>Conduct construction surveys and comply with the requirements listed in Mitigation Measure 3.8-1</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to the start of grading and/or construction, conduct pre-construction surveys and comply with the requirements listed in Mitigation Measure 3.8-1</p>	<p>Postpone the start of grading and/or construction until surveys have been completed</p>
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**Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project**

<p>determined by the qualified biologist) to the construction area to be affected by construction activities, a qualified biologist shall determine the extent of a construction-free buffer zone to be established around the nest and an incidental take permit (2081 permit) shall be obtained from California Department of Fish and Game prior to impacting the tree or initiating project construction.</p>	<p>3.8-H.1 - Numbers and locations of burrowing owls will be periodically monitored until project implementation in order to determine the number and location of burrowing owls on the project site.</p>	<p>Periodically monitor site</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Until project implementation, periodically monitor site</p>	<p>None</p>
<p>3.8-H.3 - Passive relocation techniques, following CDFG (1995) guidelines, involve the placement of one-way exclusion devices on occupied and potentially occupied burrows. This is done to 'evict' owls from sites, to preclude nest establishment and/or the probability of killing owls. However, because the Vineyards Project area is 481 acres, and occupied by California ground squirrels which continually create new burrows, monitoring of the owl population on site will be necessary in addition to implementation of this method.</p>	<p>Monitor the site and exclude owls from all occupied burrows Complete any eviction outside the breeding season</p>	<p>Monitor the site and exclude owls from all occupied burrows Complete any eviction outside the breeding season</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to the start of grading and/or construction, monitor site</p>	<p>Postpone the start of grading and/or construction until monitoring has been completed</p>

Table 2
 Mitigation Monitoring and Reporting Program – Vineyards Project

<p>effort appropriate to the season and apparent owl population to identify specific locations within the project site that are occupied by owls (i.e., if initial observations detect numerous owls, more survey and monitoring effort is indicated. Conversely, a paucity of owl observations may indicate that little monitoring is required to achieve the requisite level of confidence that no owls will be harmed). Owls shall be excluded from all occupied burrows within the project area. Any owl eviction must be completed outside the Burrowing Owl breeding season.</p>	<p>3.8-H.4 - Ground squirrels create and maintain burrows used by Burrowing Owls. However, as explained above, successfully excluding owls from large sites with extant squirrel populations, using only one-way doors, is difficult to implement with a reasonable probability of success. Accordingly, habitat management, in addition to passive eviction and monitoring will be used. In areas where construction is proposed during the nesting season (February - August), habitat management measures shall be performed outside of the nesting season designed to reduce burrow availability and habitat quality. This measure must be preceded by surveys (see Mitigations H.1 and H.3), to ensure that this activity does not result in loss of individual burrowing owls.</p>	<p>Conduct surveys and implement habitat management measures consistent with the requirements of Mitigation Measure 3.8-H.4</p>	<p>Contra Costa Community College and District construction contractor</p>	<p>Prior to the start of grading and/or construction, conduct surveys and perform habitat management measures consistent with Mitigation Measure 3.8-H.4</p>	<p>Postpone the start of grading and/or construction until surveys have been completed and habitat management measures have been implemented</p>
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Table 2
 Mitigation Monitoring and Reporting Program – Vineyards Project

<p>3.8-J - If construction is to occur during the breeding season (February – August), pre-construction surveys in habitats appropriate for the Loggerhead Shrike, California Horned Lark, and California Yellow Warbler should be conducted by a qualified biologist no more than 15 days prior to the initiation of construction in any given area. Pre-construction surveys should be used to ensure that no nests will be disturbed during project implementation. If nests are found during these surveys, the preferred mitigation will be to determine whether the nest will become complete before the onset of construction activities. In this event, the nest will be allowed to remain undisturbed. Alternatively, if the status of the nest at the time of detection, coupled with the species' specific egg-laying, incubation, and chick-rearing interval indicates that the nest will not be completed prior to the onset of otherwise approved construction, arrangements will be made to transport the nest to a CDFG-approved wildlife rehabilitation facility. The nest will be protected by a construction and disturbance-free buffer of sufficient size until the eggs hatch. Following hatch and a sufficient interval for any chicks to become capable of self-thermoregulation, the entire nest and contents will be transported to the approved facility for rearing.</p>	<p>Conduct pre-construction surveys and comply with the requirements listed in Mitigation Measure 3.8-J</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to the start of grading and/or construction, conduct pre-construction surveys and comply with the requirements listed in Mitigation Measure 3.8-J</p>	<p>Postpone the start of grading and/or construction until surveys have been completed</p>
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Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>3.8-K.1 - A pre-demolition survey for roosting bats should be conducted prior to any removal of trees. The survey should be conducted by a qualified biologist (i.e., a biologist holding a CDFG collection permit and a Memorandum of Understanding with CDFG allowing the biologist to handle and collect bats). No activities that would result in disturbance to active roosts would proceed prior to completion of the surveys. If no active roosts are found, then no further action would be warranted. If either a maternity roost or hibernacula is present, the following mitigation measure shall be implemented.</p>	<p>Conduct pre-demolition surveys and comply with the requirements listed in Mitigation Measure 3.8-K.1</p>	<p>Contra Community District construction contractor</p>	<p>Prior to the start of demolition, conduct pre-demolition surveys and comply with the requirements listed in Mitigation Measure 3.8-K.1</p>	<p>Postpone the start of demolition until surveys have been completed</p>	
<p>3.8-K.2 - If active maternity roosts or hibernacula are found in trees which will be removed as part of project construction, demolition of that tree should commence before maternity colonies form (i.e., prior to March 1) or after young are volant (flying) (i.e., after July 31). Disturbance-free buffer zones as determined by a qualified bat biologist should be observed during the maternity roost season (March 1 - July 31). If a non-breeding bat hibernacula is found in a tree scheduled to be removed, the individuals should be safely evicted, under the direction of a qualified bat biologist (as determined by a Memorandum of Understanding with CDFG), by opening the roosting area to allow airflow through the cavity. Demolition</p>	<p>If active maternity roosts or hibernacula are found, implement the measures listed in Mitigation Measure 3.8-K.2</p>	<p>Contra Community District construction contractor</p>	<p>Prior to the start of demolition, implement the measures listed in Mitigation Measure 3.8-K.2</p>	<p>Postpone the start of demolition until measures have been implemented</p>	

Table 2
 Mitigation Monitoring and Reporting Program – Vineyards Project

<p>should then follow at least one night after initial disturbance for airflow. This action should allow bats to leave during darkness, thus increasing their chance of finding new roosts with a minimum of potential predation during daylight.</p> <p>Trees with roosts that need to be removed should first be disturbed at dusk, just prior to removal that same evening, to allow bats to escape during the darker hours.</p> <p>Mitigation 3.8-M - The following mitigation measures would result in less than significant impacts to the potential loss of individual kit foxes during Vineyards project construction:</p> <ul style="list-style-type: none"> Pre-construction surveys shall be conducted no less than 14 days and no more than 30 days prior to the beginning of ground disturbance and/or construction activities for any project activity likely to impact the San Joaquin kit fox. If construction is phased, pre-construction surveys shall be conducted for each phase according to the timing and schedule stated above. An employee education program shall be conducted. A qualified biologist will provide project contractors and construction crews with a worker-awareness program before any grading or construction work occurs on the 	<p>Conduct pre-construction surveys and comply with the requirements listed in Mitigation Measure 3.8-J</p> <p>Conduct employee education program and comply with the requirements listed in Mitigation Measure 3.8-M</p>	<p>Contra Community District construction contractor</p> <p>Costa College and</p>	<p>Prior to the start of grading and/or construction, conduct pre-construction surveys and employee education program</p> <p>During construction, comply with the requirements listed in Mitigation Measure 3.8-M</p>	<p>Postpone the start of grading and/or construction until surveys and education program have been completed and the requirements have been met</p>	
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Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>Vineyards project site. This program will be used to describe the species, its habits and habitats, its legal status and required protection, and all applicable mitigation measures</p> <ul style="list-style-type: none"> ▪ Project-related vehicles shall observe a 20-mph speed limit in the project area, except on county roads and State and Federal highways; this is particularly important at night when kit foxes are most active. ▪ To the extent practicable, nighttime construction shall be minimized. ▪ Off-road traffic outside of designated project areas shall be prohibited. ▪ To prevent inadvertent entrapment of kit foxes or other animals during the construction phases of the projects, all excavated, steep-walled holes or trenches more than two feet deep shall be covered at the close of each working day by plywood or similar materials or equipped with one or more escape ramps constructed of earth fill or wooden planks. Before such holes or trenches are filled, they shall be thoroughly inspected for trapped animals. ▪ All construction pipes, culverts, or similar structures with a diameter of four inches or greater that are stored at a construction site for one or more 								
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Table 2
 Mitigation Monitoring and Reporting Program – Vineyards Project

<p>overnight periods shall be thoroughly inspected for kit foxes before the pipe is subsequently buried, capped, or otherwise used or moved in anyway. If a kit fox is discovered inside a pipe, that section of pipe shall not be moved until the Service has been consulted. If necessary, and under the direct supervision of a qualified biologist, the pipe may be moved once to remove it from the path of construction activity.</p> <ul style="list-style-type: none"> All food related trash items; such as wrappers, cans, bottles, and food scraps, shall be disposed of in a closed container and removed at least once a week from a construction or project site. 	<p>Compensate for the loss of riparian habitat, if encroachment is necessary and comply with the requirements listed in Mitigation Measure 3.8-R</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to start of grading, construction, determine if the project will encroach into riparian setback</p> <p>If encroachment is necessary, provide compensation that complies with the items listed Mitigation Measure 3.8-R</p>	<p>Postpone the start of grading and/or construction if encroachment into setback is necessary to determine required compensation</p>
<p>3.8-R - If encroachment into the riparian setback is necessary, then a commensurate amount of riparian habitat along Marsh Creek will be enhanced to compensate for the loss of habitat caused by the encroachment. Part of the enhancement area may be the restoration of the area previously affected by the ECCID irrigation canal. The ratio of enhancement habitat will vary depending upon the extent of encroachment into the 100 foot setback buffer: encroachment into the first 50% shall be mitigated at a ratio of 1:1 (mitigation:impacts); encroachment into the remaining 50% shall be mitigated at a ratio of 2:1 (mitigation:impacts).</p>					

**Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project**

<p>3.12-A - Prior to the construction of the Village Center area, the proposed Marsh Creek Trail Segment, and other improvements and construction activities within the southeastern section of the Vineyards site, a program to mitigate impacts to CCO-548 shall be developed and implemented. The mitigation program shall include (but not be limited to) the following actions:</p> <ul style="list-style-type: none"> Avoidance: Consultation with a qualified archaeologist during design of projects in the vicinity of CCO-548. To the extent feasible, construction activity shall avoid resources within CCO-548. Controlled Data Recovery: If avoidance of resources in CCO-548 is not feasible, a qualified archaeologist shall conduct controlled data recovery of resources. Resources shall be catalogued and analyzed and a final report of findings of mitigation data shall be submitted to the Northwest Information Center to demonstrate that mitigation has been completed. To the extent required by law, culturally affiliated Native Americans shall be consulted during "controlled data recovery," if resources in CCO-548 cannot be avoided. The disposition of non-burial artifacts shall be 	<p>Implement APTP prepared by Holman & Associates for Vineyards Project and comply with the actions listed in Mitigation Measure 3.12-A</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>During grading and construction, implement APTP and comply with the actions listed in Mitigation Measure 3.12-A</p>	<p>Halt grading and construction until the actions have been implemented</p>
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Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>determined in consultation with the culturally affiliated Native Americans.</p>	<p>Archaeological Monitoring/Recordation/Removal: A qualified archaeologist shall monitor all construction related grading and earthmoving activities in the southeastern portion of the Vineyards site. If cultural resources are encountered during construction, all work within the vicinity of the find shall stop immediately. The cultural resource shall be identified, recorded, and/or removed by a qualified archaeologist before grading and trenching activities can recommence in the area of discovery. To the extent required by law, culturally affiliated Native Americans shall be consulted during "archaeological monitoring/recordation/removal," if such activities are required.</p>				
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	<p>▪</p>				

Table 2
 Mitigation Monitoring and Reporting Program – Vineyards Project

<p>Resources Code). If an MLD cannot be identified, or the MLD fails to make a recommendation regarding the treatment of the remains within 48 hours after gaining access to the remains, the Native American human remains and associated grave goods shall be reburied with appropriate dignity on the property in a location not subject to further subsurface disturbance. Work can continue once the MLD's recommendations have been implemented or the remains have been reburied if no agreement can be reached with the MLD (Section 5097.98 of the Public Resources Code).</p> <ul style="list-style-type: none"> ▪ Human remains that are encountered shall be sensitively treated under the professional guidance of a qualified archaeologist. Any human remains that are identified in areas that will be impacted by construction activities shall be exposed utilizing standard archaeological procedures. All skeletal material and associated grave goods shall be carefully removed for reburial in an area as close to their original location as possible. This area shall be protected from future disturbance. Burial inventories shall be completed and made available for inspection at the completion of burial removal. ▪ Measures to address the treatment of 					
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Table 2
 Mitigation Monitoring and Reporting Program – Vineyards Project

<p>unknown archaeological properties included in the Archaeological Properties Treatment Plan (APTP) prepared by Holman & Associates (April 2005) shall be implemented with project construction.</p>				
<p>3.9-C - Prior to issuance of grading permits a qualified engineering geologist shall be retained to prepare a detailed geotechnical engineering design study for proposed building sites. Any recommended design and engineering solutions to ensure sufficient foundation stability shall be incorporated into the project's design plans. Prior to the issuance of the first building permit, the State Architect shall verify that the project conforms to the seismic requirements stipulated in the Uniform Building Code (UBC) for Seismic Zone 4, the zone of highest seismic risk.</p>	<p>Prepare a detailed geotechnical study Incorporate any recommended design and engineering solutions in project plans</p>	<p>Contra Costa Community District</p>	<p>Prior to the start of grading, detailed geotechnical study and ensure that recommendations are incorporated in project plans</p>	<p>Postpone grading until study has been completed and recommendations have been incorporated in plans</p>
<p>3.9-K - As required by the UBC, site-specific detailed design studies shall be prepared by a licensed engineering geologist and reviewed by the State Architect prior to the issuance of grading permits for any development on the Vineyards at Marsh Creek project site. The evaluation of expansive soils and the formulation and implementation of design criteria for foundation and pavement design in expansive soils shall be addressed. Such</p>	<p>Prepare study that evaluates expansive soils that includes one or more of the design criteria listed in Mitigation Measure 3.9-K Incorporate all recommendations of</p>	<p>Contra Costa Community District</p>	<p>Prior to the start of grading, evaluation to ensure that the criteria listed in Mitigation Measure 3.9-K are included and incorporated in project plans</p>	<p>Postpone the start of grading until evaluation has been completed and recommendations have been incorporated in plans</p>

Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>criteria shall include one or more of the following:</p> <ul style="list-style-type: none"> ▪ Minimize the use of expansive soil as fill within upper portions of building pads. ▪ Compact expansive soil fill wetter than optimum moisture content. ▪ Extend shallow foundations below the zone of seasonal moisture fluctuations. ▪ Use deep foundations such as drilled piers, or stiff grid or mat foundations that can move without cracking, in areas of expansive soil or rock. ▪ Control site drainage to minimize seasonal wetting and drying of expansive materials. ▪ Provide non-expansive fill layers under foundations, slabs, and pavements. ▪ Treat expansive soils with lime or cement in the area of improvements to reduce the effects of expansive materials. <p>All recommendations of the engineering geologist shall be incorporated in the proposed construction plan, prior to approval of the grading permit. The engineering geologist services shall be retained throughout site grading and s/he shall be contacted prior to grading and when onsite conditions necessitate deviations from the approved plan.</p>	<p>engineering geologist in project plans</p>	
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Table 2
Mitigation Monitoring and Reporting Program – Vineyards Project

<p>The engineering geologist shall conduct assessments on a regular basis during site grading and initial construction phases.</p>					
<p>3.11-C - Prior to the issuance of the first grading permit, the applicant will be required to obtain "as built" drawings or otherwise validate the location, size and depth of underground crude oil and natural gas pipelines. No construction shall occur within 10 feet of the pipelines, except for pipelines below new roadways. For these pipelines, the contractor shall employ safety and containment policies and procedures to avoid the potential of risk or upset of the pipelines.</p>	<p>Prepare "as built" drawings or otherwise validate location, size and depth of pipelines and comply with the requirements of Mitigation Measure 3.11-C</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>Prior to the start of grading, validate location, size and depth of pipelines During construction, implement the requirements listed in Mitigation Measure 3.11-C.</p>	<p>Postpone the start of grading until validation is complete Halt grading until the requirements are met</p>
<p>3.6-A.1 - The following mitigation measure is required. All construction activities shall abide by the provisions as set forth within the City of Brentwood Municipal Code Section 9.32.050, <i>Prohibited Special Noise Sources</i>. Specifically, construction activities adjacent to residential uses and State Parks land shall be limited to the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday and 9:00 a.m. through 4:00 p.m. on Saturdays and prohibited on Sundays and federal holidays.</p>	<p>Limit construction to the hours listed in Mitigation Measure 3.6-A.1</p>	<p>Contra Community District construction contractor</p>	<p>Costa College and</p>	<p>During construction, comply with the hours listed in Mitigation Measure 3.6-A.1</p>	<p>Halt construction</p>

Notice of Determination

Appendix D

To:
[] Office of Planning and Research
For U.S. Mail: Street Address:
P.O. Box 3044 1400 Tenth St.
Sacramento, CA 95812-3044 Sacramento, CA 95814

From:
Public Agency: Contra Costa Community College District
Address: 500 Court Street
Martinez, CA 94553
Contact: Ray Pyle, Chief Facilities Planner
Phone: (925) 229-1000 ext. 1270

[] County Clerk
County of: Contra Costa
Address: 555 Escobar Street
Martinez, CA 94553

Lead Agency (if different from above):
Address:
Contact:
Phone:

SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2010112046

Project Title: New Brentwood Center

Project Location (include county): West of the Intersection of State Route 4 (SR 4) Bypass/Marsh Creek Road in the City of Brentwood, Contra Costa County

Project Description:

The project proposes the construction of a new education center, a satellite site of Los Medanos College, that would serve a maximum of 5,000 full- and part-time students. The center would have a total of 80 full-time and 200 part-time employees, including faculty and staff. Two, approximately 42,000-square-foot buildings would be located near the center of the project site for a total of a for a total of approximately 84,000 square feet of classroom/office space. Each building would be two stories and approximately 35 feet in height.

This is to advise that the Governing Board of the Contra Costa Community College District has approved the above described project on May 25, 2011 (Date) and has made the following determinations regarding the above described project:

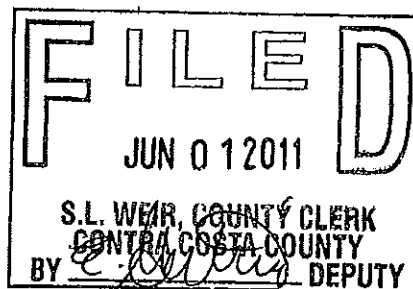
- 1. The project [] will [] will not have a significant effect on the environment.
2. [] An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
[] A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [] were [] were not made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan [] was [] was not adopted for this project.
5. A statement of Overriding Considerations [] was [] was not adopted for this project.
6. Findings [] were [] were not made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval, or the negative Declaration, is available to the General Public at: 500 Court Street, Martinez, CA 94553

Signature (Public Agency) [Signature] Title Chief Facilities Planner

Date May 26, 2011 Date Received for filing at OPR

Authority cited: Sections 21083, Public Resources Code. Reference Section 21000-21174, Public Resources Code.



Revised 2005



DEPARTMENT OF FISH AND GAME
2011 ENVIRONMENTAL FILING FEE CASH RECEIPT

RECEIPT# 409405
STATE CLEARING HOUSE # (if applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY

LEAD AGENCY: CC Community College Dist. DATE: 6/1/11
 COUNTY/STATE AGENCY OF FILING: CCC Clerk's office DOCUMENT NUMBER: 2011-0000191
 PROJECT TITLE: New Brentwood center
 PROJECT APPLICANT NAME: CC Community College Dist. PHONE NUMBER: (925)229-1000
 PROJECT APPLICANT ADDRESS: 500 Court St. CITY: Martinez STATE: CA ZIP CODE: 94553 apt 1270
 PROJECT APPLICANT (Check appropriate box):
 Local Public Agency School District Other Special District State Agency Private Entity

CHECK APPLICABLE FEES:

<input checked="" type="checkbox"/> Environmental Impact Report (EIR)	\$2,839.25	\$	<u>2839.25</u>
<input type="checkbox"/> Mitigated/Negative Declaration (ND)(MND)	\$2,044.00	\$	
<input type="checkbox"/> Application Fee Water Diversion (State Water Resources Control Board Only)	\$850.00	\$	
<input type="checkbox"/> Projects Subject to Certified Regulatory Programs (CRP)	\$965.50	\$	
<input checked="" type="checkbox"/> County Administrative Fee	\$50.00	\$	<u>50.00</u>
<input type="checkbox"/> Project that is exempt from fees			
<input type="checkbox"/> Notice of Exemption			
<input type="checkbox"/> DFG No Effect Determination (Form Attached)			
<input type="checkbox"/> Other		\$	

rec. 930814

PAYMENT METHOD:

Cash Credit Check Other

TOTAL RECEIVED \$ 2889.25

SIGNATURE

X E. Weir

TITLE

DEPUTY COUNTY CLERK

WHITE - PROJECT APPLICANT YELLOW - DFG/ASB PINK - LEAD AGENCY GOLDEN ROD - COUNTY CLERK FG 753.5a (Rev. 11/10)

REC'T # **0000930816**
June 01, 2011 15:15:06

CONTRA COSTA Co Recorder Office
STEPHEN L. WEIR, Clerk-Recorder

Document # **11-CC COMM-UN**

Check Number 467395/396
REQD BY
Fish and Game \$2,839.25
Envir Qual \$50.00

Total fee \$2,889.25
Amount Tendered... \$2,889.25

Change \$0.00
ENG:CS/L/O

GOVERNING BOARD
CONTRA COSTA COMMUNITY COLLEGE DISTRICT
OF
CONTRA COSTA COUNTY
MARTINEZ, CALIFORNIA

REPORT NO. 82-E

DATE May 25, 2011

PURPOSE Resolution Approving the New Brentwood Center Project and Adopting Findings of Fact, a Statement of Overriding Considerations and a Mitigation Monitoring and Reporting Program – ROLL CALL VOTE REQUIRED

TO MEMBERS OF THE GOVERNING BOARD

RECOMMENDATION

It is recommended that the attached Resolution Approving the New Brentwood Center Project and Adopting Findings of Fact, a Statement of Overriding Considerations and a Mitigation Monitoring and Reporting Program, be adopted.

FUNDING SOURCE

Funding for this environmental impact analysis and for the new Brentwood Center project will come from Measure A 2006 local bond funds.

BACKGROUND

The District prepared the New Brentwood Center Supplemental Environmental Impact Report (SEIR) to supplement the Vineyards at Marsh Creek and Annexation Sites Environmental Impact Report (Vineyards EIR) certified by the City of Brentwood in 2004 for the Vineyards at Marsh Creek development (Vineyards Project). The SEIR was prepared to analyze the potential environmental effects that may result from the new Brentwood Center community college use proposed on a portion of the Pioneer Square site within the Vineyards Project. The community college use would replace the Mixed-Use Business Park uses for which the Pioneer Square site is designated.

Although the project relocates the planned Brentwood center from the Cowell site to the Pioneer Square site, the District does not have the authority to change the zoning of the Cowell site which is presently designated Community College by the City's General Plan. California Environmental Quality Act (CEQA) conventions direct impact analysis to consider current land uses. Accordingly, the analysis in the supplemental EIR analyzes the impact of a college center located on the Cowell site and a new college center on the Pioneer Square site, both operating at the same time.

However, the SEIR further expanded the reasonable range of alternatives in the Vineyards EIR by analyzing an alternative land use for the Cowell Property, given that the project proposes to relocate the community college use to a portion of the Pioneer Square site and given that it is not likely that two community college campuses would ever be developed in close proximity to one another.

The alternative was presented in the SEIR to compare the impacts of the proposed project with those that might result if the land use on the Cowell Property were changed by the City in the future. Analysis of this alternative allows the greater community to discern what could take place on the Cowell Property if the City, in concert with the owners of the Cowell Property, later decide to consider alternative uses for the Cowell Property, and how such changed use would potentially avoid or substantially lessen all significant impacts of the project analyzed in the SEIR.

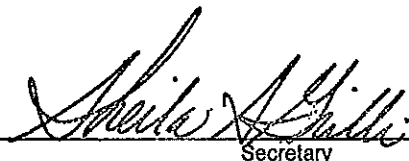
As stated earlier, however, the final analysis has to be based on current and proposed land use plans. As a result, the final EIR finds four potentially significant and unavoidable impacts when two college sites are analyzed. The alternative land use plan, and the potentially significant and unavoidable impacts are discussed in Exhibit A, CEQA Findings of Fact, of the resolution.

Because the analysis finds significant and unavoidable impacts (but only if two college sites were operating), the Board will adopt Exhibit B to the resolution, a statement of overriding considerations, which finds that all feasible mitigation measures identified in the Final SEIR will be implemented with the project, and that the remaining significant and unavoidable impacts are outweighed and are found to be acceptable due to specific overriding economic, legal, social, technological and/or other benefits based upon the facts set forth in the Exhibit A, the Final SEIR, and the administrative record.

Exhibit C of the resolution lists the mitigation, monitoring, and reporting efforts the project will undertake in order to reduce potentially significant impacts to less than significant.

Disposition **APPROVED**
Governing Board

Date MAY 25 2011


Secretary

**RESOLUTION NO. 82-E OF THE GOVERNING BOARD OF THE
CONTRA COSTA COMMUNITY COLLEGE DISTRICT ADOPTING
CEQA FINDINGS OF FACT, A STATEMENT OF OVERRIDING
CONSIDERATIONS AND A MITIGATION MONITORING AND
REPORTING PROGRAM, AND APPROVING THE NEW
BRENTWOOD CENTER PROJECT**

WHEREAS, the Contra Costa Community College District ("District") proposes to construct a new education center ("New Brentwood Center" or "Project") on a 17-acre site ("Project Site") located in the City of Brentwood in eastern Contra Costa County, generally west of the intersection of the State Route 4 (SR 4) Bypass and Marsh Creek Road. The Project Site is within the larger Vineyards at Marsh Creek Project ("Vineyards Project"), and is a portion of the 27-acre Pioneer Square site, located northeast of Vineyards Parkway. The Project Site is comprised of the following Assessor's Parcel Nos.: 007-570-001, -003, -004, -005, -006 and -007, 007-580-001, -002, -003, and -004; and

WHEREAS, the New Brentwood Center would construct two approximately 44,000-square-foot buildings for a total of approximately 88,000 square feet of classroom/office space and would serve a maximum of 5,000 full- and part-time students. Each building would be a maximum of 35 feet in height. Two surface parking lots, landscaping and other site improvements would also be constructed; and

WHEREAS, the District prepared a Supplemental Environmental Impact Report ("SEIR") pursuant to the California Environmental Quality Act and the CEQA Guidelines (collectively "CEQA") to supplement the Vineyards at Marsh Creek and Annexation Sites Environmental Impact Report and analyze the potential environmental effects that may result from the New Brentwood Center; and

WHEREAS, on May 25, 2011, the Board adopted Resolution No. 82-D certifying the New Brentwood Center Final SEIR pursuant to Section 15090 of the CEQA Guidelines based on and supported by findings, which are incorporated herein by reference; and

WHEREAS, the Final SEIR identified one or more significant environmental effects and concluded that all but four of such impacts can be mitigated with "Mitigation Measures" to a less-than-significant level; and

WHEREAS, pursuant to CEQA, including without limitation Section 15091 of the CEQA Guidelines, prior to project approval for which an EIR has been certified, written findings must be made for each significant effect identified in the EIR accompanied with a brief explanation of the rationale for each finding. Exhibit A, attached to this Resolution and incorporated herein by this reference as if set forth in full, presents such required findings ("CEQA Findings of Fact") for the New Brentwood Center; and

WHEREAS, pursuant to CEQA, including without limitation Section 15093 of the CEQA Guidelines, the decision-making agency must balance, as applicable, the economic, legal, social, technological, or other benefits, including region-wide or state-wide environmental benefits, of a proposed project against its unavoidable environmental risks when determining whether to approve the project. If the benefits outweigh the unavoidable adverse environmental effects, they may be considered acceptable. The decision-making agency must state, in writing, the specific reasons to support its action based on information

presented in the certified Final EIR and/or other information in the record. This statement must be supported by substantial evidence in the record. Exhibit B, attached to this Resolution and incorporated herein by this reference as if set forth in full, presents the Statement of Overriding Considerations for the New Brentwood Center; and

WHEREAS, pursuant to CEQA, including without limitation Section 15097 of the CEQA Guidelines, a Mitigation Monitoring and Reporting Program ("MMRP") has been prepared, which outlines the procedures/steps and requirements for implementing all mitigation measures identified in the Final SEIR. Exhibit C, attached to this Resolution and incorporated herein by this reference as if set forth in full, presents the MMRP for the New Brentwood Center; and

WHEREAS, on May 25, 2011, the Board held a duly-noticed public hearing to consider project approval, and adoption of the CEQA Findings of Fact, Statement of Overriding Considerations and MMRP, accepting all public testimony and the written report of District staff; and

WHEREAS, the location and custodian of records with respect to all relevant documents which constitutes the administrative record are as follows: Chief Facilities Planner, Contra Costa Community College District, 500 Court Street, Martinez, CA 94553.

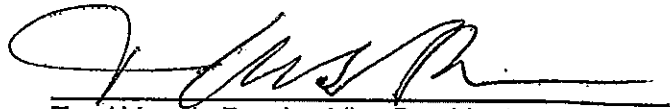
NOW, THEREFORE, THE BOARD HEREBY ADOPTS, FINDS AND RESOLVES as follows, in the following order:

1. The CEQA Findings of Fact, the Statement of Overriding Considerations and the MMRP are hereby adopted.
2. The Mitigation Measures set forth in the Final SEIR and the MMRP are incorporated herein by this reference as if set forth herein in full and are hereby made a part of the New Brentwood Center Project.
3. The New Brentwood Center project is hereby adopted and approved.
4. The District shall cause to be filed and posted a Notice of Determination, compliant with CEQA and reflecting the actions taken by the Board through this Resolution.
5. Additionally, the District is hereby authorized to take or to direct others to take such actions necessary and/or desirous to effectuate the Board's action taken by this Resolution and to bring the New Brentwood Center to fruition, including without limitation processing, securing, filing and posting all District, local, regional, state and federal permits, other grants of approval, notices and the like.

ADOPTED, SIGNED AND APPROVED this 25th day of May, 2011.



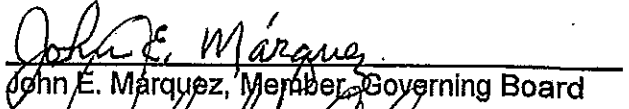
John T. Nejedly, President, Governing Board,
Contra Costa Community College District



Tomi Van de Brooke, Vice President,
Governing Board



Sheila A. Grilli, Secretary, Governing Board



John E. Marquez, Member, Governing Board



Robert Calone, Member, Governing Board

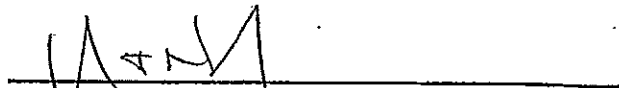
I, John T. Nejedly, President of the Governing Board of the Contra Costa Community College District, do hereby certify that the foregoing Resolution was adopted by the Governing Board of said District at a meeting of said Board held on the 25th day of May 2011, and that it was so adopted by the following vote:

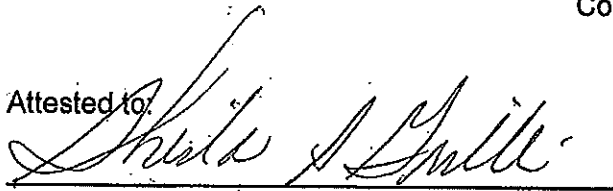
AYES: John E. Marquez, Sheila A. Grilli, John T. Nejedly, Tomi Van de Brooke, Robert Calone, (Student Trustee Advisory Vote)

NOES: _____

ABSENT: _____

ABSTAIN: _____


John T. Nejedly, President, Governing Board,
Contra Costa Community College District

Attested to:

Sheila A. Grilli, Secretary, Governing Board

February 2011

**Contra Costa
Community
College District**

pathways to success

Draft Supplemental Environmental Impact Report

New Brentwood Center

(State Clearinghouse No. 2010112046)

Lead Agency:

Contra Costa Community College District

Prepared by:

RBF
CONSULTING

**DRAFT SUPPLEMENTAL
ENVIRONMENTAL IMPACT REPORT**

NEW BRENTWOOD CENTER
(State Clearinghouse No. 2010112046)

February 2011

Prepared by:

**RBF Consulting
500 Ygnacio Valley Road, Suite 270
Walnut Creek, CA 94596**

Prepared for:

**Contra Costa Community College District
500 Court Street
Martinez, CA 94553**

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1.0 INTRODUCTION

1.1 BACKGROUND

This Supplemental Environmental Impact Report (SEIR) supplements the Vineyards at Marsh Creek and Annexation Sites EIR (Vineyards EIR) certified by the City of Brentwood (City) in 2004 for the Vineyards at Marsh Creek development (Vineyards Project). This SEIR has been prepared to analyze the potential environmental effects that may result from the New Brentwood Center community college use proposed on a portion of the Pioneer Square site within the Vineyards Project. The community college use would replace the Mixed-Use Business Park uses for which the Pioneer Square site is currently designated. The proposed New Brentwood Center (project) would be located in the City of Brentwood, Contra Costa County, California, and this SEIR is being prepared, circulated and acted upon pursuant to the California Environmental Quality Act (CEQA) (Public Resources Code [PRC] Section 21000 et seq.), and the *CEQA Guidelines* (California Code of Regulations [CCR] Title 14, Section 15000 et seq.).

CEQA requires California public agencies to consider the environmental consequences of projects for which they have discretionary authority. The public agency with the principal responsibility for carrying out or approving a project is the “lead agency.” CEQA requires the lead agency to prepare an EIR if there is substantial evidence, in light of the whole record, that a project may have a significant effect on the environment. A significant effect is defined by CEQA as a substantial and adverse physical change in the environment. The Contra Costa Community College District (District) is the lead agency for the proposed project.

According to *CEQA Guidelines* Section 15163, when an EIR has been certified for a project and changes are later proposed, a lead agency may choose to prepare a Supplement to an EIR rather than a Subsequent EIR if:

- “(1) Any of the conditions described in Section 15162 would require the preparation of a subsequent EIR; and
- (2) Only minor additions or changes would be necessary to make the previous EIR adequately apply to the project in the changed situation.”

The Supplement to an EIR need contain only the information necessary to make the previous EIR adequate for the project as revised. In addition, the Supplement to an EIR is given the same public notice and review period as is given to a Draft EIR but may be circulated by itself without recirculating the previous Draft or Final EIR.

Section 15162 requires preparation of a Subsequent EIR when:

- “(1) Substantial changes are proposed in the project which will require major revisions of the previous EIR or Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
- (2) Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions to the previous EIR or Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
- (3) New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete or the Negative Declaration was adopted, shows any of the following:

- (A) The project will have one or more significant effects not discussed in the previous EIR or Negative Declaration;
- (B) Significant effects previously examined will be substantially more severe than shown in the previous EIR;
- (C) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
- (D) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.”

1.2 PURPOSE OF SEIR

As stated above, this SEIR supplements the Vineyards EIR certified by the City in 2004 for the Vineyards Project. As part of the Vineyards Project, the Vineyards EIR analyzed approximately 27 acres of mixed-use development on what was then referred to as the "Village Center" and what was later renamed "Pioneer Square." Approved Mixed-Use Business Park uses at Pioneer Square include commercial, office, senior apartments, hotel and conference center, and assisted care facilities. Additionally, the Vineyards EIR analyzed approximately 29 acres of nearby land proposed for annexation to the City and development of a future community college by the District for a maximum of 5,000 students. This land, referred to as the "Cowell Property," was one of two annexation sites studied in the Vineyards EIR and was later annexed into the City.

The project (refer to Chapter 3, Project Description, for greater detail) that this SEIR analyzes is that earlier community college proposal by the District in a new location: 17 acres of the 27-acre Pioneer Square site. Although the project represents the District's desire to move its proposed community college campus from the Cowell Property to a portion of the Pioneer Square site, no change in the City's Community College land use designation on the Cowell Property is proposed at this time. The proposed project would use 17 acres of the 27-acre Pioneer Square site for community college use instead of the Mixed-Use Business Park uses for which the 17 acres are designated.

This SEIR contains the information, analysis, additions or other revisions that, when used in combination with the information and analysis in the Vineyards EIR, provides adequate and useful information to the District's decision-makers and public regarding the project and its alternatives. This SEIR does not result in substantial changes, nor require major revisions to the Vineyards EIR. Instead, the information, analysis, additions or other revisions in this SEIR are largely limited to portions of the Vineyards EIR addressing Pioneer Square. As such, this SEIR is circulated by itself; copies of this SEIR and the Vineyards EIR can be found at the Contra Costa Community College District, 500 Court Street, Martinez, CA 94553.

1.3 SCOPE OF SEIR

The District prepared and distributed a Notice of Preparation (NOP), dated November 18, 2010, for the proposed project. An NOP is a document that is sent by a lead agency to notify responsible and trustee agencies and interested parties that the lead agency plans to prepare an EIR for a proposed project. The purpose of an NOP is to solicit comments and identify specific environmental issues that should be considered in the EIR.

The NOP was sent via certified mail to responsible and trustee agencies, neighboring property owners and the State Clearinghouse for a 30-day public review period, extending from November 19 to December 20, 2010. The NOP and written comments received from responsible and trustee agencies, and interested parties are contained in Appendix A (Notice of Preparation and Public Comments). A summary of the comments received and responses to those comments is provided in Table 1-1 (Summary of NOP Comments and Responses).

**Table 1-1
Summary of NOP Comments and Responses**

Letter Received From	Comments	Where Addressed in EIR
California Department of Fish and Game, 12/14/10	Comments request a complete assessment of the habitats, flora and fauna within and adjacent to the project area, including endangered, threatened and locally unique species and sensitive habitats. Comments also advised that a California Endangered Species Act (CESA) Permit must be obtained if the project has the potential to result in take of species of plants or animals listed under CESA, either during construction or over the life of the project. Finally, comments further advised that the California Department of Fish and Game (CDFG) may require a Lake and Streambed Alteration Agreement for any activity that would divert or obstruct the natural flow, or change the bed, channel or bank (which may include associated riparian resources) of a river or stream.	The Vineyards EIR included a complete assessment of the biological resources requested by CDFG. Since certification of the Vineyards EIR, the project site has been graded and necessary authorizations/permits were obtained from federal and state regulatory agencies. Refer to Section 1.4.3 (Biological Resources).
California Department of Transportation, 12/15/10	Comments request that the Traffic Impact Study for the proposed project include detailed information included in the comment letter.	Section 4.4 (Transportation/Traffic) of this SEIR addresses the comments received.
Contra Costa Water District, 12/21/10	Comments address requirements that: 1) the District consult with the Contra Costa Water District (CCWD) prior to any improvements to the sewer; 2) heavy equipment used in construction be prevented from traveling on pipeline with an existing easement crossing the property without CCWD approval; and 3) an encroachment permit would be needed to access CCWD's easement during construction.	Comments do not address environmental issues that require analysis in the SEIR.

The scope of this SEIR is limited to specific topics necessary to make the Vineyards EIR adequately apply to the proposed project in the changed circumstances. Based on this, the District determined that the following issues should be addressed in the SEIR:

- Air Quality
- Greenhouse Gas Emissions
- Transportation/Traffic

Resource areas that do not require revisions or updates in this SEIR include: aesthetic/visual resources; agricultural resources; biological resources; cultural resources; geology, soils, seismicity and mineral resources; hazards and hazardous materials; hydrology, drainage and water quality; land use and planning; noise; population and housing; public services; and utilities and service systems. A summary of the findings concerning these issues is included below, under Section 1.4 (Resource Areas that Do Not Require Revisions or Updates in the SEIR).

In addition to the resource areas mentioned above that do not require revisions or updates in this SEIR, the following topics presented in the Vineyards EIR are not restated or re-evaluated: cumulative impacts for the resource areas not evaluated in the SEIR, growth inducing impacts and significant irreversible changes.

1.4 RESOURCE AREAS THAT DO NOT REQUIRE REVISIONS OR UPDATES IN SEIR

The following provides the substantial evidence supporting the determination that certain resource areas covered in the Vineyards EIR do not require revision or update in this SEIR in order to adequately provide impact, mitigation and alternative analysis for the proposed project.

1.4.1 AESTHETICS/VISUAL RESOURCES

The Vineyards EIR found that with implementation of mitigation measures, impacts on aesthetics and visual resources would be less than significant. As discussed in the Vineyards EIR, there was significant public involvement and input regarding the design of the Vineyards Project. A key concern related to the Pioneer Square site was the potential for new development to alter views when looking north from the John Marsh House. Development of the proposed New Brentwood Center would not result in significantly different aesthetic concerns when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because both uses would result in a permanent change in the visual character of the site that would be similar in scale and intensity of development. In addition, due to the location of Pioneer Square at a relatively low elevation and its nearly flat topography, development with either use would not disturb or obstruct views of ridgelines. Furthermore, both uses would introduce new sources of light and glare that would be similar (i.e., parking lot and building lighting).

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of aesthetic/visual resources in the SEIR. Mitigation measures presented in the Vineyards EIR to reduce aesthetic/visual resources impacts on the Pioneer Square site that would be applicable to the proposed project are included in Appendix B (Applicable Mitigation Measures).

1.4.2 AGRICULTURAL RESOURCES

The Vineyards EIR found that impacts to agricultural resources would be less than significant. Development of the proposed New Brentwood Center would not result in significantly different agricultural concerns when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because both uses would occur in the same area, and that particular area was identified as Farmland of Local Importance, which has not changed since certification of the Vineyards EIR. Furthermore, the Pioneer Square site was not zoned for agricultural uses, nor was it under a Williamson Act contract at the time the Vineyards EIR was certified and that circumstance has not changed. Finally, both uses would be limited to construction on the Pioneer Square site and would not extend infrastructure into nearby agricultural land or cause other physical changes that would result in the conversion of farmland to non-agricultural uses.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of agricultural resources in the SEIR.

1.4.3 BIOLOGICAL RESOURCES

The Vineyards EIR found that with implementation of mitigation measures, impacts on biological resources would be less than significant. Since certification of the Vineyards EIR, the project site has been graded for future development associated with the Vineyards Project. As a result, wildlife habitat has been disturbed and existing seasonal wetlands have been filled. To allow this, authorization/permits were obtained from the following federal and state regulatory agencies:

- U.S. Fish and Wildlife Service (USFWS) – Formal consultation in accordance with Section 7 of the Federal Endangered Species Act (FESA). In a letter dated October 29, 2004, USFWS stated that it expects that incidental take of California red-legged frog, California tiger salamander, San Joaquin kit fox, and vernal pool fairy shrimp may occur with implementation the Vineyards Project but would not likely jeopardize the continued existence of these species.
- U.S. Army Corps of Engineers (ACOE) – Authorization to fill seasonal wetlands pursuant to Section 404 of the Clean Water Act (CWA) to allow filling of seasonal wetlands (April 6, 2005).
- California Water Quality Control Board – Water quality certification for fill of seasonal wetlands under Section 401 of the CWA (June 15, 2004).
- California Department of Fish and Game (CDFG) – Section 1602 Streambed Alteration Agreement for impacts to wetlands, sensitive natural communities, including alkali meadow, freshwater marsh/seep, seasonal wetlands, and Great Valley mixed riparian forest, and special-status wildlife species, including California red-legged frog, California tiger salamander, vernal pool fairy shrimp and western borrowing owl.

The Vineyards EIR found that with implementation of enumerated mitigation measures, impacts on special-status species and riparian habitat would be less than significant. Many of these measures already have been implemented. Development of the proposed New Brentwood Center would not result in significantly different biological resource concerns when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because the project site has been graded resulting in disturbance to existing wildlife habitat and filling of wetlands. Furthermore, both uses would occur within the same area at a similar scale and intensity of development.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of biological resources in the SEIR. In certain instances, the proposed project does not have to perform the mitigation because the mitigation has already been completed, such as the acquisition of habitat. However, in other instances the proposed project would be required to implement applicable measures identified in the Vineyards EIR (e.g., pre-construction surveys). Mitigation measures presented in the Vineyards EIR to reduce biological resources impacts at the Pioneer Square site that would be applicable to the proposed project are included in Appendix B.

1.4.4 CULTURAL RESOURCES

The Vineyards EIR found that with implementation of mitigation measures, impacts on historical, archaeological and paleontological resources, and human remains would be less than significant. The proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of cultural resources in the SEIR because both the New Brentwood Center and the Mixed-Use Business Park uses analyzed in the Vineyards EIR would disturb the same area, and that particular

area contains a portion of a recorded pre-historic archaeological site (CCO-548) and could potentially contain previously unrecorded cultural resources.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of cultural resources in the SEIR. Mitigation measures presented in the Vineyards EIR to reduce impacts to cultural resources at the Pioneer Square site that would be applicable to the proposed project are included in Appendix B.

1.4.5 GEOLOGY, SOILS, SEISMICITY AND MINERAL RESOURCES

The Vineyards EIR found that with implementation of mitigation measures, impacts associated with geology, soils, seismicity and mineral resources would be less than significant. Development of the proposed New Brentwood Center would not result in significantly different concerns when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because both uses would occur in the same area and would be similar in scale and intensity of development. The project site could be subject to strong ground shaking during an earthquake on one of the many active faults in the San Francisco Bay Area. In addition, buildings, roads and other structures associated with either use have the potential to be damaged, if not properly treated, as a result of soil within the area that is moderately to highly expansive. Furthermore, Pioneer Square does not have any mapped earthquake fault segments running through it, nor did it have any at the time the Vineyards EIR was certified. The Vineyards EIR determined that soils on the Pioneer Square site were not highly erodible or prone to liquefaction and those conditions have not changed since the certification of the EIR. Moreover, the Vineyards EIR did not find any evidence of previous slope failure at Pioneer Square and there has been no evidence of slope failure since certification of the EIR. The Vineyards EIR also found that the site is relatively flat resulting in a low potential for landslides and this condition has not changed either. Finally, according to the Vineyard EIR, Pioneer Square does not have any mineral resources and none have been identified since the certification of the EIR.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of geology, soils, seismicity and mineral resources in the SEIR. Mitigation measures presented in the Vineyards EIR to reduce impacts at the Pioneer Square site that would be applicable to the proposed project are included in Appendix B.

1.4.6 HAZARDS AND HAZARDOUS MATERIALS

The Vineyards EIR found that with implementation of mitigation measures, impacts associated with hazards and hazardous materials would be less than significant. Development of the proposed New Brentwood Center would not result in significantly different hazards and hazardous materials concerns when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because both uses would occur within the same area and would be similar in scale and intensity of development. The project site contains two underground natural gas pipelines and construction of either use could potentially damage those pipelines. Moreover, hazardous materials associated with construction activities could be accidentally discharged during the construction of either use, but this would not represent a significant hazard since the amount of chemicals would be limited and they would be handled in compliance with existing governmental regulations and procedures. In addition, both uses would result in the storage and usage of limited amounts of household hazardous materials (i.e., fertilizers, pesticides, cleaning solutions, aerosols, solvents) that would not pose a significant risk to human health or the environment.

According to the Vineyards EIR, the Pioneer Square site is not listed as a hazardous materials site pursuant to California Government Code §65962.5. The California Environmental Protection Agency's Cortese List website was consulted in September 2010 and no new active sites were listed. Furthermore, Pioneer Square was not located near a public or private airport at the time the Vineyards EIR was certified and no airports have been constructed near the site since then. As indicated in the Vineyards EIR, development within the Vineyards Project would not impair or interfere with the City's Emergency Operations Plan. Construction of the New Brentwood Center on the Pioneer Square site would not involve any components that would prevent City departments, emergency agencies, and government officials from implementing the Emergency Operations Plan during a major emergency. Construction of the proposed project would not physically block or interfere with a component of the plan, such as an emergency evacuation route. Finally, at the time the Vineyards EIR was certified, Pioneer Square was adjacent to a vast amount of open space subject to wildland fire. The Vineyards EIR determined that the combination of fire prevention and suppression components would reduce wildland fire risks. This circumstance has not changed.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of hazards and hazardous materials in the SEIR. Mitigation measures presented in the Vineyards EIR to reduce impacts at the Pioneer Square site that would be applicable to the proposed project are included in Appendix B.

1.4.7 HYDROLOGY, DRAINAGE AND WATER QUALITY

The Vineyards EIR found that with implementation of mitigation measures, impacts associated with hydrology, drainage and water quality would be less than significant. Development of the proposed New Brentwood Center would not result in significantly different concerns with hydrology, drainage and water quality when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because both uses would occur within the same area, would be similar in scale and intensity of development, and would be required to prepare and implement a Storm Water Pollution Prevention Plan (SWPPP), which would reduce potential impacts to water quality. In addition, the New Brentwood Center would result in a similar amount of impervious surface area as the Mixed-Use Business Park uses contemplated for the Pioneer Square site by the Vineyards EIR and for this reason the Vineyards stormwater management system could accommodate stormwater from the New Brentwood Center project. Moreover, the development intensity of the New Brentwood Center would be similar to the development intensity that was assumed for Pioneer Square by the Vineyards EIR and, thus, the New Brentwood Center would not exceed the City's water supplies or increase groundwater pumping. Finally, as documented in the Vineyard EIR, Pioneer Square is not located within a FEMA 100-year flood hazard zone or near a source of seiche or tsunami waves and this has not changed since certification of the EIR. As a result, neither use would result in impacts associated with these concerns.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of hydrology, drainage and water quality in the SEIR.

1.4.8 LAND USE AND PLANNING

The Vineyards EIR found that land use and planning impacts would be less than significant. While the District is not subject to local land use regulations or ordinances when using property in furtherance of its educational purposes, the District nonetheless chose this site because of the compatibility of its proposed community college use with the surrounding mixed-use business and residential uses (refer to Chapter 3, Project Description, for greater detail on the goals and objectives of the proposed project).

1.4.9 NOISE

With implementation of mitigation measures, short-term construction and long-term operational noise associated with the Vineyards Project were found to be less than significant in the Vineyards EIR. Development of the proposed New Brentwood Center would not result in significantly different noise concerns when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because both uses would occur in the same area, would be similar in scale and intensity of development, and would produce similar noise levels. These noise levels would not exceed the established criteria/threshold levels. Additionally, although the District, as a state educational institution, is exempt from local land use regulations and ordinances, the construction of the New Brentwood Center would nevertheless comply with the exterior noise level as specified in the City's Municipal Code. Furthermore, given the distance of Pioneer Square from existing buildings, vibration associated with construction of both uses would not damage existing structures. Finally, as identified in the Vineyards EIR, Pioneer Square is not located near a public or private airport and would not be affected by noise from an airport. This condition has not changed since certification of the EIR.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of noise in the SEIR. Mitigation measures presented in the Vineyards EIR to reduce noise impacts at the Pioneer Square site that would be applicable to the proposed project are included in Appendix B.

1.4.10 POPULATION AND HOUSING

The Vineyards EIR found that impacts associated with population and housing would be less than significant. Development of the proposed New Brentwood Center would not result in significantly different concerns when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because neither use would result in a substantial increase in population beyond previously planned and projected conditions. Furthermore, Pioneer Square was undeveloped at the time the Vineyards EIR was certified and is currently undeveloped; therefore, as with the Mixed-Use Business Park uses analyzed in the Vineyards EIR, the New Brentwood Center would not displace housing units or people.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of population and housing in the SEIR.

1.4.11 PUBLIC SERVICES

The Vineyards EIR found that impacts associated with public services would be less than significant. Development of the proposed New Brentwood Center would not result in significantly different concerns when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because both uses would occur within the same area, would be similar in scale and intensity of development, and could be adequately served by existing public service providers. As identified in the Vineyards EIR, the East Contra Costa Fire Protection District (ECCFPD) has adequate facilities to serve the Vineyards Project within an acceptable response time and no new facilities would be required. Moreover, existing District police personnel would provide services to the New Brentwood Center and no expansion of police facilities would be required. In addition, the jobs created by the New Brentwood Center would not induce substantial population growth, resulting in an increase of school-aged children that could affect school capacity. Furthermore, the students attending the New Brentwood Center would not increase demand for park facilities any more than residents, employees or visitors to the Mixed-Use Business Park uses analyzed in the Vineyards EIR. Finally, the New Brentwood Center would not result

in the need for any other additional public facilities in the project vicinity such as libraries, community centers, new roadways or government buildings.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of public services in the SEIR.

1.4.12 UTILITIES AND SERVICE SYSTEMS

The Vineyards EIR found that impacts associated with utilities and service systems would be less than significant. Development of the proposed New Brentwood Center would not result in significantly different concerns when compared to development of the Mixed-Use Business Park uses analyzed in the Vineyards EIR because both uses would occur within the same area, would be similar in scale and intensity of development, and could be adequately served by existing utilities. As described in the Vineyards EIR, the City has sufficient water supplies to serve the Vineyards Project without impacting service to existing customers. In addition, the Vineyards EIR found that the City's wastewater treatment plant has sufficient capacity to meet the wastewater treatment of the Vineyards Project, while also accommodating existing uses. Finally, the Vineyards EIR determined that the Vineyards Project would not exceed the permitted daily capacity of the Keller Canyon Landfill.

Therefore, the proposed project does not present a significant change in circumstances requiring revisions or updates to the analysis of utilities and service systems in the SEIR.

1.5 ADDITIONAL ALTERNATIVE

CEQA requires that a reasonable range of alternatives be discussed in an EIR. The Vineyards EIR provides and analyzes such a reasonable range. This SEIR further expands the reasonable range of alternatives in the Vineyards EIR by providing an alternative land use for the Cowell Property, now that the District wishes to move its community college use from the Cowell Property to the Pioneer Square site. The District believes that a second community college campus would never be developed on the Cowell Property if one is developed on the Pioneer Square site. The City's determinations regarding the feasibility, acceptance and/or rejection of such alternative will be address and resolved at a later date.

1.6 ORGANIZATION OF SEIR

The SEIR is organized into the following chapters:

Chapter 1, Introduction: Provides an introduction and overview that describes the purpose of the SEIR, summarizes the SEIR process, identifies the substantial evidence supporting the determination that certain impact areas covered in the Vineyards EIR do not require revision or update in this SEIR in order to adequately provide impact, mitigation and alternative analysis for the proposed project, and identifies key areas of environmental concern.

Chapter 2, Description of Changed Circumstances: Provides a summary of new information and changes in circumstances that are relevant to the discussion of potentially significant impacts associated with the proposed project.

Chapter 3, Project Description: Presents project objectives, describes the site location and characteristics, provides a detailed description of the proposed project and specifies the intended use of the SEIR, including the actions required to implement the project.

Chapter 4, Environmental Analysis: Describes the existing conditions, analyzes the proposed project’s potential environmental impacts and specifies measures to mitigate the identified impacts. Also describes cumulative impacts.

Chapter 5, Alternatives: Expands the reasonable range of alternatives in the Vineyards EIR by providing an alternative land use for the Cowell Property.

Chapter 6, Other CEQA Considerations: Discusses significant unavoidable impacts.

Chapter 7, Report Preparation Personnel: Lists personnel who prepared the SEIR, including District staff and consultants.

Chapter 8, References: Lists sources of information used in the preparation of the SEIR.

Appendices: Includes the NOP for the SEIR, comments received in response to the NOP, and background technical studies.

1.7 TERMINOLOGY USED IN SEIR

This SEIR uses the following terminology to denote the significance of environmental impacts of the proposed project:

- A “beneficial impact” is an environmental impact that would be a positive contribution or improvement to the physical conditions that exist in the area affected by the project.
- An “environmental impact” is a direct or indirect effect that would be caused by the project that constitutes a physical change to the existing natural or man-made conditions within the area affected by the project.
- “No impact” is the lack of any environmental impact, and no mitigation is required.
- A “less than significant” impact or an impact that is “not significant” is an environmental impact that would cause no substantial adverse change in the environment and, as such, requires no mitigation.
- A “potentially significant” or “significant” impact is an environmental impact that could or would cause a substantial adverse change in the environment. In such a case, an impact has been identified that, although potentially significant, can be avoided or reduced to less than significant levels through mitigation. Such mitigation may include project design features that have been incorporated into the project or existing requirements, such as municipal code or ordinance, engineering and design requirements (e.g., Uniform Building Code), and standard regulations set by regional, state and federal agencies. A further description of mitigation measures is provided below.
- A “significant and unavoidable” impact is an environmental impact that could or would cause a substantial adverse change in the environment and cannot be avoided if the project is implemented; mitigation may be recommended, but would not reduce the impact to a less than significant level.
- “Mitigation measures” are defined in *CEQA Guidelines* Section 15370 as:
 - Avoiding the impact altogether by not taking a certain action or parts of an action
 - Minimizing the impact by limiting the degree or magnitude of the action and its implementation
 - Rectifying the impact by repairing, rehabilitating or restoring the affected environment

- Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action
- Compensating for the impact by replacing or providing substitute resources or environments

1.8 FINAL SEIR AND PROJECT APPROVAL

1.8.1 PUBLIC REVIEW OF SEIR

Consistent with the requirements of CEQA, a good faith effort was made during the preparation of this SEIR to contact and consult with responsible and trustee agencies and other affected agencies, organizations, and persons who may have an interest in this project.

This SEIR, with an accompanying Notice of Completion (NOC), is being circulated to the State Clearinghouse, responsible and trustee agencies, and interested parties for a 45-day review period as required by CEQA. The review period for this SEIR is between February 1 and March 17, 2011. During this period, public agencies and members of the public may provide written comments on the analysis and content of the SEIR. Such written comments should focus only on the information provided in this document.

All written comments on this SEIR must be mailed, delivered, or emailed by 5:00 p.m. on March 17, 2011, and addressed as follows:

Mail or Delivery: Contra Costa Community College District
 500 Court Street
 Martinez, CA 94553
 Attention: Ray Pyle, Chief Facilities Planner

Email: raypyle@4cd.net

All comments received on the SEIR during the 45-day public review period will be responded to by the District in the Final SEIR.

1.8.2 CONTENTS OF FINAL SEIR

The following requirements will collectively compose the Final SEIR:

- Draft SEIR and Appendices
- A list of all persons, organizations and public agencies that commented on the Draft SEIR within the public review period
- Copies of all comments received
- Written responses to those comments
- Revisions to Draft SEIR resulting from comments, if necessary

1.8.3 CERTIFICATION OF FINAL SEIR AND PROJECT APPROVAL PROCESS

For a period of at least ten days prior to any public hearing during which the lead agency will take action to certify the SEIR, the Final SEIR will be made available to, at a minimum, the responsible and trustee agencies that provided written comments on the Draft SEIR. The Final SEIR must be certified before the lead agency can take action on the project.

After the SEIR is certified, the District will begin evaluating the merits of the project and conduct public hearings to decide whether to approve the proposed project or not. Before approving (or conditionally approving) the project, the District must prepare a Mitigation Monitoring and Reporting Program (MMRP). The District must also prepare CEQA findings that briefly explain the rationale behind the finding for each significant impact identified for the project, and, if an impact cannot be mitigated to a less than significant level but the District as lead agency still decides to approve the project, a Statement of Overriding Considerations.

Certification of the Final SEIR and approval of the CEQA findings, MMRP and Statement of Overriding Considerations may be considered during the final public hearing. The certification of the Final SEIR must be first in the sequence of approvals.

2.0 DESCRIPTION OF PROJECT CHANGES, CHANGED CIRCUMSTANCES AND NEW INFORMATION

2.1 INTRODUCTION

This chapter describes the project changes, changes in circumstances and new information that are relevant to the discussion of potentially significant impacts associated with the proposed New Brentwood Center project. The three topics discussed in this chapter are:

- A change in the location of the proposed community college campus
- New Bay Area Air Quality Management District (BAAQMD) *CEQA Air Quality Guidelines*
- Revised estimates of cumulative traffic conditions

The updated environmental analysis required because of such project changes, changes in circumstances and new information is presented in Chapter 4 (Environmental Analysis) of this SEIR.

2.2 CHANGE IN LOCATION OF COLLEGE CAMPUS

As described in Chapter 3 (Project Description), this SEIR supplements the Vineyards at Marsh Creek and Annexation Sites EIR (Vineyards EIR) certified by the City of Brentwood (City) in 2004 for the Vineyards at Marsh Creek project (Vineyards Project).

As part of the Vineyards Project, the Vineyards EIR analyzed approximately 27 acres of mixed-use development on what was then referred to as the "Village Center" and what was later renamed "Pioneer Square." Approved Mixed-Use Business Park uses at Pioneer Square include commercial, office, senior apartments, hotel and conference center, and assisted care facilities. Additionally, the Vineyards EIR analyzed approximately 29 acres of nearby land proposed for annexation to the City and development of a future community college by the Contra Costa Community College District (District) for a maximum of 5,000 students. This land, referred to as the "Cowell Property," was one of two annexation sites studied in the Vineyards EIR and was later annexed into the City.

The project change that this SEIR analyzes is that earlier community college proposal by the District in a new location: 17 acres of the 27-acre Pioneer Square site. Although the project represents the relocation of the community college land use from the Cowell Property to the Pioneer Square site, no change in land use on the Cowell Property is proposed at this time. The proposed project would use 17 acres of the 27-acre Pioneer Square site for community college use instead of the Mixed-Use Business Park uses for which the 17 acres is designated. The potential environmental impacts of this project change are presented and analyzed in detail in Chapter 4 of this SEIR.

2.3 NEW BAAQMD CEQA AIR QUALITY GUIDELINES

Since certification of the Vineyards EIR, the Bay Area Air Quality Management District (BAAQMD) adopted new *CEQA Air Quality Guidelines* in June 2010 to assist lead agencies in evaluating air quality impacts of projects and plans proposed in the San Francisco Bay Area Air Basin. The *CEQA Air Quality Guidelines* provide BAAQMD-recommended procedures for evaluating potential air quality and greenhouse gas (GHG) impacts during the environmental review process consistent with CEQA requirements. In addition to providing new thresholds for GHG emissions, the 2010 *CEQA Air Quality Guidelines* provide updated significance thresholds for criteria pollutants and supersede the BAAQMD's

previous CEQA guidance titled *BAAQMD CEQA Guidelines: Assessing the Air Quality Impacts of Projects and Plans* (1999).

Senate Bill (SB) 97, signed in August 2007 (Chapter 185, Statutes of 2007; PRC Sections 21083.05 and 21097), acknowledges that climate change is a prominent environmental issue that requires analysis under CEQA. This bill directed the California Office of Planning and Research (OPR) to prepare, develop and transmit to the California Air Resources Board (CARB) guidelines for the feasible mitigation of GHG emissions (or the effects of GHG emissions), as required by CEQA, by July 1, 2009. The Resources Agency was required to certify and adopt those guidelines by January 1, 2010. On February 16, 2010, the Office of Administration Law approved OPR's *CEQA Guidelines* Amendments, and filed them with the Secretary of State for inclusion in the California Code of Regulations. The *CEQA Guidelines* Amendments became effective on March 18, 2010.

The proposed project could produce criteria pollutants and generate both direct and indirect GHG emissions that may exceed established thresholds and have a potentially significant impact on the environment. The potential environmental impacts of this are presented and analyzed in detail in Chapter 4 of this SEIR.

2.4 NEW CUMULATIVE TRAFFIC CONDITIONS

As noted above, the proposed project would relocate the community college land use contemplated on the Cowell Property by the Vineyards Project and analyzed in the Vineyards EIR to a portion of the Pioneer Square site. Although the community college land use would be affectively relocated to another site within the Vineyard Project, the project does not propose land use change on the Cowell Property at this time. This action would require separate approval by the City. Thus, the traffic impact analysis for the proposed project assumes a community college land use on the Cowell Property as well as 17 acres of the Pioneer Square site instead of Mixed-Use Business Park uses. While this scenario (two community colleges in close proximity to one another) is unlikely, it is the only assumption that can be used in the traffic analysis because a land use change on the Cowell Property has not yet been approved. The proposed project's land use assumptions would result in a significant project impact at the State Route 4/Marsh Creek Road intersection under cumulative conditions. Because the East Contra Costa Regional Fee and Financing Authority (ECCRFFA) Plan, which includes improvements are this intersection, is not fully funded, this impact would be significant and unavoidable and must be analyzed in this SEIR.

The potential environmental impacts of such cumulative traffic conditions are presented and analyzed in detail in Chapter 4 of this SEIR.

3.0 PROJECT DESCRIPTION

3.1 PROJECT BACKGROUND

As stated in Chapter 1 (Introduction), as part of the Vineyards Project, the Vineyards EIR analyzed approximately 27 acres of mixed-use development on what was then referred to as the "Village Center" and what was later renamed "Pioneer Square." Approved Mixed-Use Business Park uses at Pioneer Square include commercial, office, senior apartments, hotel and conference center, and assisted care facilities. Additionally, the Vineyards EIR analyzed approximately 29 acres of nearby land proposed for annexation to the City and development of a future community college by the Contra Costa Community College District (District) for a maximum of 5,000 students. This land, referred to as the "Cowell Property," was one of two annexation sites studied in the Vineyards EIR and was later annexed into the City.

The project (described in greater detail below) that this SEIR analyzes is that earlier community college proposal by the District in a new location: 17 acres of the 27-acre Pioneer Square site. Although the project represents the relocation of the Community College land use from the Cowell Property to the Pioneer Square site, no change in land use on the Cowell Property is proposed at this time. The proposed New Brentwood Center (project) would use 17 acres of the 27-acre Pioneer Square site for community college use instead of the Mixed-Use Business Park uses for which the 17 acres is designated.

3.2 PROJECT LOCATION

The project site is located in the southern portion of Brentwood in eastern Contra Costa County (County), and is generally west of the intersection of the State Route 4 (SR 4) Bypass and Marsh Creek Road. The City is approximately 45 miles northeast of San Francisco and 65 miles southwest of Sacramento. Figure 3-1 (Regional Location Map) illustrates the regional location of the project site. As noted above, the site is within the larger Vineyards Project area, and is a portion of Pioneer Square. As shown in Figure 3-2 (Local Vicinity), Pioneer Square is located northeast of Vineyards Parkway.

3.3 SURROUNDING LAND USES

The project site is surrounded by undeveloped land with some residential development and a private athletic and resort club located to the northwest, and the historic John Marsh house located to the southwest. Immediately north and west of the project site is relatively flat, undeveloped grassland that has been graded. Further north and west, the topography transitions to grass covered rolling hills. Single-family homes and Club Los Meganos, which includes tennis courts, swimming pools, exercise equipment, a full-service spa and banquet/meeting facilities, are located in this area. Vineyards Parkway (which is still under construction near the project site) and a vehicular bridge crossing over Marsh Creek about the site to the south and further south of Vineyards Parkway is vacant land that is part of the Vineyards Project area (future winery site), as well as state park land and the historic John Marsh house. The land immediately south of the project site is relatively flat and transitions to rolling hills further south. A stormwater detention basin is generally located adjacent to the eastern side of the project site. Marsh Creek is located further east of the stormwater detention basin and also borders the project site to the north and south of the stormwater detention basin. Figure 3-2 depicts the land uses surrounding the project site.

3.4 PROJECT SETTING

3.4.1 SITE CHARACTERISTICS

The project site is vacant land and has been graded for future development. Although the site is relatively flat, there is a gentle slope that drops down into the site from Vineyards Parkway and from the site into the stormwater detention basin and the Marsh Creek corridor. The site is covered with non-native annual grasses and scattered valley oak (*Quercus lobata*) trees. A portion of a remnant concrete-lined irrigation canal is located in the northern portion of the site.

3.4.2 LAND USE REGULATIONS

The project site has a City of Brentwood General Plan (General Plan) land use designation of Mixed-Use Business Park and a zoning designation of Planned Development 64 (PD 64) District. The project site is comprised of the following ten Assessor's Parcel Nos.: 007-570-001, -003, -004, -005, -006, -007, and 007-580-001, 003, -004 and -005. Under controlling law, the District, as a public educational institution, is exempt from local planning regulations when using property in furtherance of its educational purposes. Therefore, no amendments to the General Plan, Zoning, or other City regulations are needed for the proposed project. Nonetheless, the District chose this site because of the compatibility of its proposed community college use with the surrounding mixed-use business and residential uses (refer to Section 3.6, Project Objectives, below, for greater detail on the goals and objectives of the proposed project). The project will need approvals from other agencies, as further described under Section 3.7 (Intended Uses of SEIR) below.

3.5 PROJECT CHARACTERISTICS

The project proposes the construction of a new education center, a satellite site of Los Medanos College, that would serve a maximum of 5,000 full- and part-time students. The center would have a total of 80 full-time employees and 200 part-time employees, including faculty and staff. Refer to Figure 3-3 (Conceptual Site Plan).

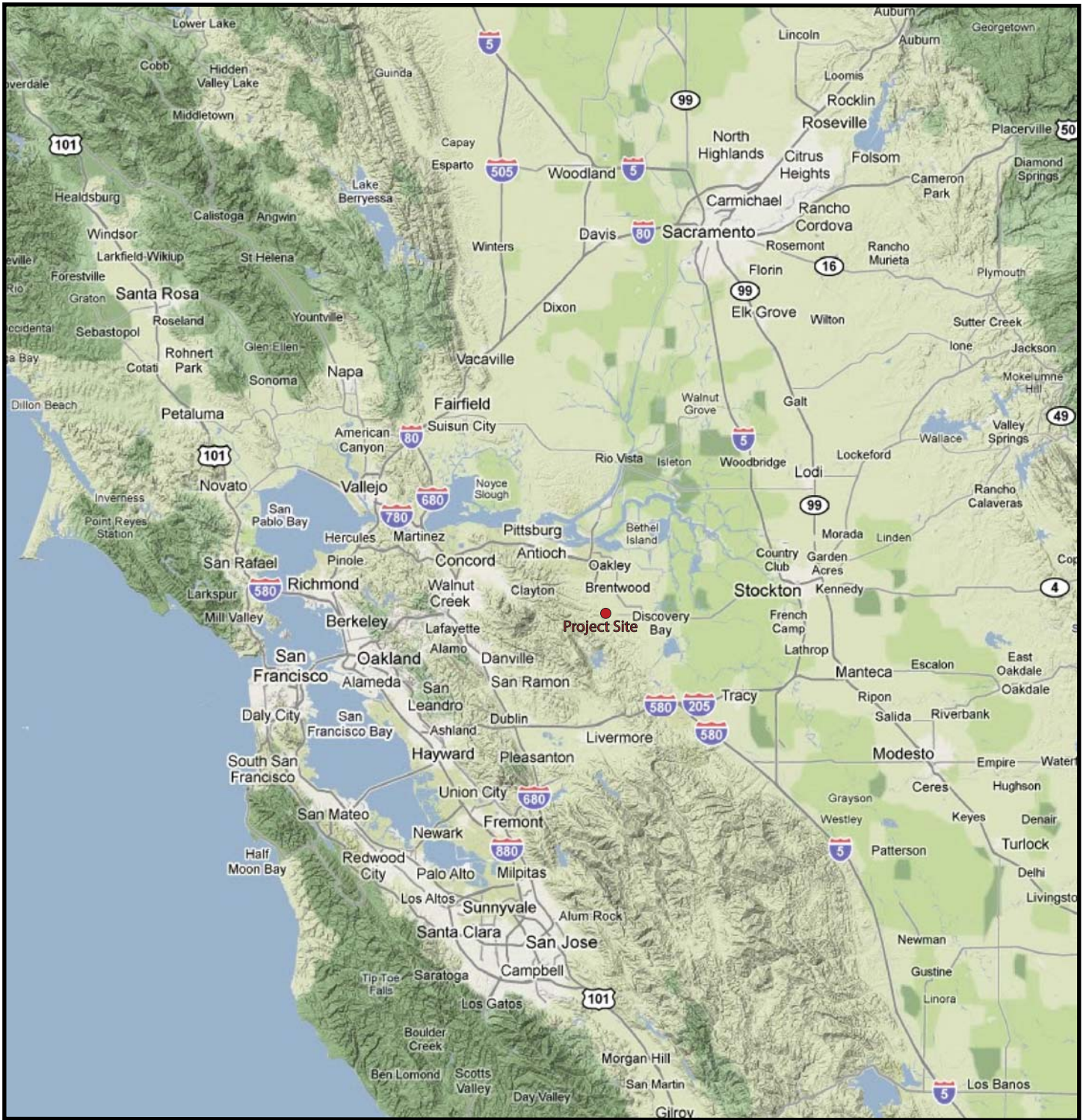
As an education center, the proposed project would offer general education curriculum, but would not function as a full-service community college campus. Consequently, it would be limited to classrooms, laboratories and administrative and faculty offices, but would not have other uses typically associated with a community college campus, such as a library, gymnasium, athletic fields, auditorium/theatre, cafeteria, bookstore, student union or other student services and facilities.

3.5.1 CLASSROOM/OFFICE BUILDINGS

Two, approximately 42,000-square-foot buildings would be located in the center of the site for a total of approximately 84,000 square feet of classroom/office space. Each building would be two-stories and approximately 35 feet in height.

3.5.2 ACCESS, PARKING AND LANDSCAPING

As shown in Figure 3-3, a new circular roadway would provide access to the site from future Miwok Avenue, which would intersect Vineyards Parkway. A total of approximately 1,366 parking spaces would be provided in two surface lots.



Source: Google Maps, 2010



Not to scale

JN 35-101065

New Brentwood Center Supplemental EIR
Regional Location Map

Figure 3-1



Source: Google Maps, 2010



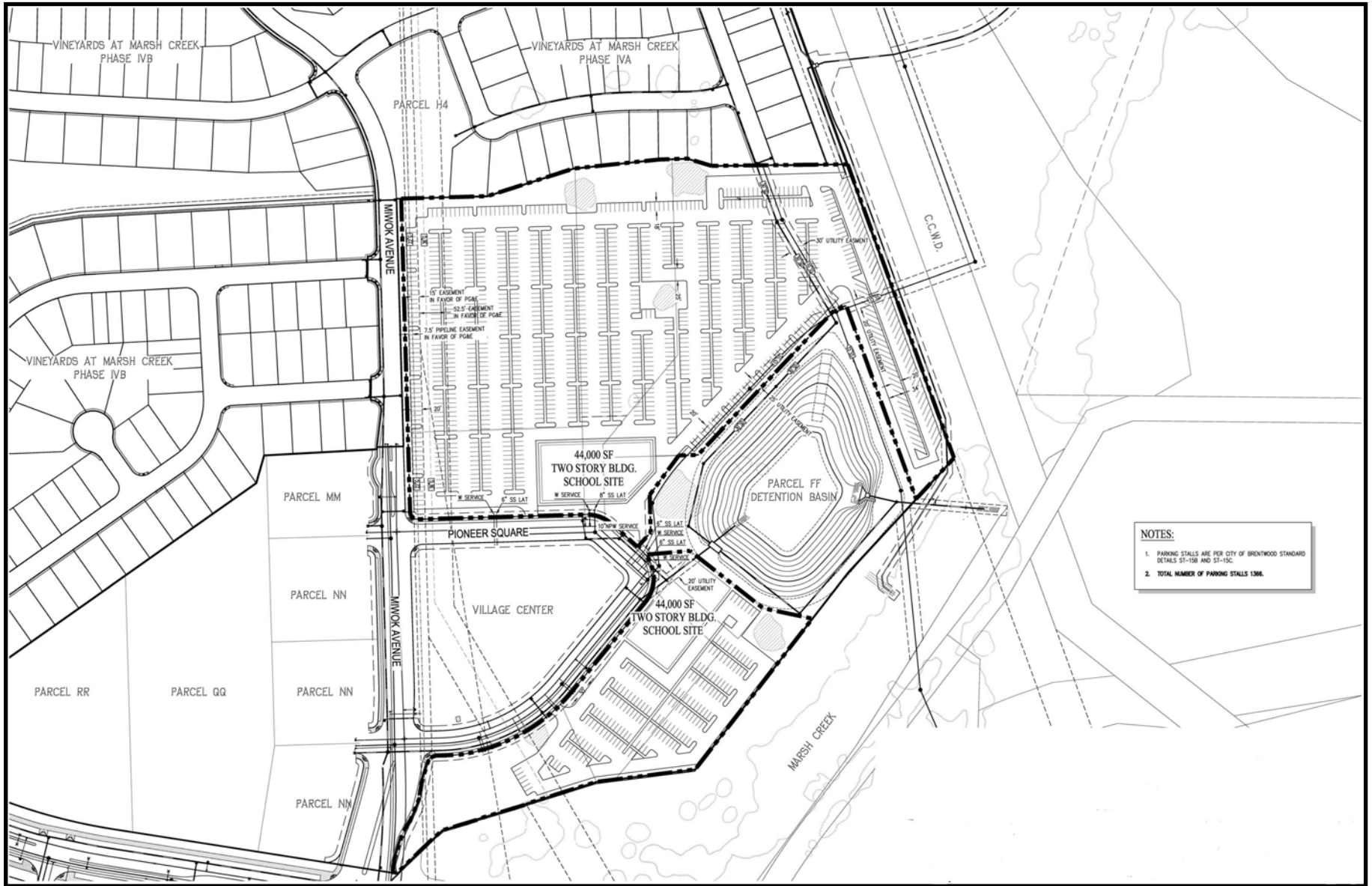
Not to Scale

JN 35-101065

New Brentwood Center Supplemental EIR

Vicinity Map

Figure 3-2



NOTES:

1. PARKING STALLS ARE PER CITY OF BRENTWOOD STANDARD DETAILS ST-150 AND ST-15C.
2. TOTAL NUMBER OF PARKING STALLS 1306.

Source: Carson, Barbee & Gibson, Inc., 2009



Not to Scale

JN 35-101065

New Brentwood Center Supplemental EIR
Conceptual Site Plan
 Figure 3-3



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A variety of drought-tolerant landscape materials would be planted throughout the site, including adjacent to the proposed buildings, within the parking lots and along the perimeter of the site. In addition, several existing mature oaks would be retained.

3.5.3 GRADING AND DRAINAGE

As noted previously, the project site has been graded for future development. However, additional grading would be necessary to provide positive drainage for the project. In general, the site would be graded so that it would drain to the adjacent stormwater detention basin.

3.5.4 INFRASTRUCTURE AND SERVICES

The City would provide water, sanitary sewer, and solid waste and recycling collection service to the proposed project. A potable water service main would be extended to the site from the City's existing water system. A sewer line would be installed to convey wastewater from the site into the City's sewage collection system, which flows to the City's sewage treatment plant. The City's Solid Waste Division would provide solid waste disposal service to the project site. A storm drain system would be constructed to convey surface water runoff to on-site catch basins or curb inlets and then to the adjacent stormwater detention basin. Other service providers would include SBC for telephone service and Pacific Gas & Electric for gas and electric service.

3.5.5 PHASING

The proposed project would be developed in two phases with construction of the first classroom/office building and associated parking occurring within the next two to five years and construction of the second classroom/office building occurring within the next ten to 15 years.

3.6 PROJECT OBJECTIVES

The District has identified the following project objectives:

- Develop a 5,000-student education center in the City of Brentwood to better serve the existing and future needs of the District's present and future student population, at a location closer in proximity to parks/open space and future complimentary commercial uses at Pioneer Square (food, education supplies, recreation, etc.) so that students have the opportunity to attend classes and stay on or near campus during their school day reducing traffic, travel and related impacts
- Facilitate easier access to the education center via multiple modes of transportation, including pedestrian, bicycle, automobile and public transit
- Locate the education center in close proximity to future commercial uses at Pioneer Square providing businesses the opportunity to cater to and capture business from students and District faculty/staff, thereby ensuring the success of those businesses and their ability to provide goods and services to the students
- Provide easy access to the education center for active adults and other current or future residents living near the education center

3.7 INTENDED USES OF SEIR

This SEIR and the Vineyards EIR provide the entire environmental information and evaluation necessary for the planning, development, construction, operation and maintenance of the proposed project and is consistent with the range of development evaluated in the SEIR and Vineyards EIR. These documents provide the foundation for CEQA compliance documentation upon which consideration of and action on all necessary permits, approvals and other grants of authority by the District, responsible agencies and all other applicable agencies will be based. This includes, without limitation, all those approvals set forth in this SEIR and the Vineyards EIR, as well as any additional approvals necessary or desirous for project planning, development, construction, operation and maintenance (e.g., any development plans, construction approvals, grading permits, building permits, architectural review, certificates of occupancy and any other development or education-related approvals). Other agencies with jurisdiction over approvals necessary for the project include, without limitation, the following:

- California Community Colleges Chancellor's Office
- State Department of General Services, Division of State Architect
- San Francisco Regional Water Quality Control Board
- Bay Area Air Quality Management District
- City of Brentwood

4.0 ENVIRONMENTAL ANALYSIS

4.1 INTRODUCTION

This chapter discusses the potential environmental impacts and presents the findings of the environmental analysis conducted for the proposed project. The following environmental issues are evaluated in Sections 4.2 through 4.4: Air Quality, Greenhouse Gas Emissions, and Traffic.

4.1.1 ORGANIZATION OF THE CHAPTER

Each of the sections in this chapter are organized as follows:

- **Existing Conditions** are on-site and surrounding environmental conditions in existence at the time of publication of the Notice of Preparation (NOP), as well as relevant regulatory standards and requirements.
- **Environmental Analysis** first specifies the applicable significance thresholds (i.e., criteria by which the level of significance of each potential impact is evaluated), and then describes changes that would result in the existing physical environment should the proposed project be implemented. The analysis focuses on the changes that might be significant impacts if the project is implemented.

Project impacts are identified within each section. A summary of the potential impact is presented first, its level of significance is specified second, environmental analysis is provided third, and any required mitigation is identified last. If mitigation is required, the section concludes with the residual level of significance after mitigation.

4.1.2 MITIGATION MEASURES

Feasible mitigation measures are required when significant impacts are identified. Mitigation measures must be fully enforceable through permit conditions, agreements, or other legally-binding instruments. Each mitigation measure is numbered sequentially so that it directly correlates to the impact it addresses.

4.2 AIR QUALITY

This section evaluates air quality conditions associated with short- and long-term impacts resulting from construction and operations of the proposed project. The analysis in this section is based primarily on the Bay Area Air Quality Management District (BAAQMD) *CEQA Air Quality Guidelines* (June 2010), the *Bay Area 2010 Clean Air Plan* (September 2010), Air Quality Data (California Air Resources Board 2007 through 2009), and a traffic impact analysis (*Brentwood Center Environmental Analysis Update*) prepared for the project by Fehr & Peers (dated September 20, 2010). Refer to Appendix C (Air Quality and Greenhouse Gas Data) for the assumptions used in this analysis.

4.2.1 ENVIRONMENTAL SETTING

The California Air Resources Board (CARB) divides the state into 15 air basins that share similar meteorological and topographical features. The project site is located within the San Francisco Bay Area Air Basin (Basin). This Basin comprises all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo and Santa Clara counties, the southern portion of Sonoma County, and the southwestern portion of Solano County. Air quality in this area is determined by such natural factors as topography, meteorology and climate, in addition to the presence of existing air pollution sources and ambient conditions. These factors along with applicable regulations are discussed below.

The City of Brentwood is located within the Carquinez Strait climatological subregion of the Basin. The Carquinez Strait runs from the City of Rodeo to the City of Martinez. It is the only sea-level gap between the Bay and the Central Valley. The subregion includes the lowlands bordering the strait to the north and south, and includes the area adjoining Suisun Bay and the western part of the Sacramento-San Joaquin Delta as far east as Bethel Island. The subregion extends from Rodeo in the southwest and Vallejo in the northwest to Fairfield in the northeast and Brentwood in the southeast. The Basin is characterized by complex terrain, consisting of coastal mountain ranges, and inland valleys and bays, which distort normal wind flow patterns. The gap in the western coast range is known as the Golden Gate, and the gap in the eastern coast range is the Carquinez Strait. These gaps allow air to pass into and out of the Basin and the Central Valley.

The climate is dominated by the strength and location of a semi-permanent, subtropical high-pressure cell. During the summer, the Pacific high pressure cell is centered over the northeastern Pacific Ocean resulting in stable meteorological conditions and a steady northwesterly wind flow. Upwelling of cold ocean water from below to the surface because of the northwesterly flow produces a band of cold water off the California coast. The cool and moisture-laden air approaching the coast from the Pacific Ocean is further cooled by the presence of the cold water band resulting in condensation and the presence of fog and stratus clouds along the northern California coast. In the winter, the Pacific high-pressure cell weakens and shifts southward resulting in wind flow offshore, the absence of upwelling, and the occurrence of storms. Weak inversions coupled with moderate winds result in a low air pollution potential.

WIND PATTERNS

During the summer, winds flowing from the northwest are drawn inland through the Golden Gate and over the lower portions of the San Francisco Peninsula. Immediately south of Mount Tamalpais, the northwesterly winds accelerate considerably and come more directly from the west as they stream through the Golden Gate. This channeling of wind through the Golden Gate produces a jet that sweeps eastward and splits off to the northwest toward Richmond and to the southwest toward San Jose when it meets the East Bay hills.

Wind speeds may be strong locally in areas where air is channeled through a narrow opening, such as the Carquinez Strait, the Golden Gate or the San Bruno gap. For example, the average wind speed at San Francisco International Airport in July is about 17 knots (from 3 p.m. to 4 p.m.), compared with only seven knots at San Jose and less than six knots at the Farallon Islands. The air flowing in from the coast to the Central Valley, called the sea breeze, begins developing at or near ground level along the coast in late morning or early afternoon. As the day progresses, the sea breeze layer deepens and increases in velocity while spreading inland. The depth of the sea breeze depends in large part upon the height and strength of the inversion. If the inversion is low and strong, and hence stable, the flow of the sea breeze will be inhibited and stagnant conditions are likely to result.

In the winter, the Basin frequently experiences stormy conditions with moderate to strong winds, as well as periods of stagnation with very light winds. Winter stagnation episodes are characterized by nighttime drainage flows in coastal valleys. Drainage is a reversal of the usual daytime air-flow patterns; air moves from the Central Valley toward the coast and back down toward the Bay from the smaller valleys within the Basin.

TEMPERATURE

Summertime temperatures in the Basin are determined in large part by the effect of differential heating between land and water surfaces. Because land tends to heat up and cool off more quickly than water, a large-scale gradient (differential) in temperature is often created between the coast and the Central Valley, and small-scale local gradients are often produced along the shorelines of the ocean and bays. The temperature gradient near the ocean is also exaggerated, especially in summer, because of the upwelling of cold ocean bottom water along the coast. On summer afternoons the temperatures at the coast can be 35 degrees Fahrenheit (°F) cooler than temperatures 15 to 20 miles inland. At night this contrast usually decreases to less than 10°F. In the winter, the relationship of minimum and maximum temperatures is reversed. During the daytime the temperature contrast between the coast and inland areas is small, whereas at night the variation in temperature is large.

PRECIPITATION

The Basin is characterized by moderately wet winters and dry summers. Winter rains account for about 75 percent of the average annual rainfall. The amount of annual precipitation can vary greatly from one part of the Basin to another even within short distances. In general, total annual rainfall can reach 40 inches in the mountains, but it is often less than 16 inches in sheltered valleys. During rainy periods, ventilation (rapid horizontal movement of air and injection of cleaner air) and vertical mixing are usually high and, thus, pollution levels tend to be low. However, frequent dry periods do occur during the winter where mixing and ventilation are low and pollutant levels build up.

AIR POLLUTION POTENTIAL

The potential for high pollutant concentrations developing at a given location depends upon the quantity of pollutants emitted into the atmosphere in the surrounding area or upwind, and the ability of the atmosphere to disperse the contaminated air. The topographic and climatological factors discussed above influence the atmospheric pollution potential of an area. Atmospheric pollution potential, as the term is used here, is independent of the location of emission sources and is instead a function of factors described below.

Wind Circulation

Low wind speed contributes to the buildup of air pollution because it allows more pollutants to be emitted into the air mass per unit of time. Light winds occur most frequently during periods of low sun (fall and winter, and early morning) and at night. These are also periods when air pollutant emissions from some sources are at their peak, namely, commute traffic (early morning) and wood burning appliances (nighttime). The problem can be compounded in valleys, when weak flows carry the pollutants upvalley during the day, and cold air drainage flows move the air mass downvalley at night. Such restricted movement of trapped air provides little opportunity for ventilation and leads to buildup of pollutants to potentially unhealthful levels.

Inversions

An inversion is a layer of warmer air over a layer of cooler air. Inversions affect air quality conditions significantly because they influence the mixing depth, which is the vertical depth in the atmosphere available for diluting air contaminants near the ground. The highest air pollutant concentrations in the Basin generally occur during inversions.

There are two types of inversions that occur regularly in the Basin. One is more common in the summer and fall, while the other is most common during the winter. The frequent occurrence of elevated temperature inversions in summer and fall months acts to cap the mixing depth, limiting the depth of air available for dilution. Elevated inversions are caused by subsiding air from the subtropical high pressure zone, and from the cool marine air layer that is drawn into the Basin by the heated low pressure region in the Central Valley.

The inversions typical of winter, called radiation inversions, are formed as heat quickly radiates from the earth's surface after sunset, causing the air in contact with it to rapidly cool. Radiation inversions are strongest on clear, low-wind, cold winter nights, allowing the build-up of such pollutants as carbon monoxide and particulate matter. When wind speeds are low, there is little mechanical turbulence to mix the air, resulting in a layer of warm air over a layer of cooler air next to the ground. Mixing depths under these conditions can be as shallow as 50 to 100 meters, particularly in rural areas. Urban areas usually have deeper minimum mixing layers because of heat island effects and increased surface roughness. During radiation inversions downwind transport is slow, the mixing depths are shallow, and turbulence is minimal, all factors which contribute to ozone formation.

Although each type of inversion is most common during a specific season, either inversion mechanism can occur at any time of the year. Sometimes both occur simultaneously. Moreover, the characteristics of an inversion often change throughout the course of a day. The terrain of the Basin also induces significant variations among subregions.

Solar Radiation

The frequency of hot, sunny days during the summer months in the Basin is another important factor that affects air pollution potential. It is at the higher temperatures that ozone is formed. In the presence of ultraviolet sunlight and warm temperatures, reactive organic gases and oxides of nitrogen react to form secondary photochemical pollutants, including ozone. Because temperatures in many of the inland valleys are so much higher than near the coast, the inland areas are especially prone to photochemical air pollution. In late fall and winter, solar angles are low, resulting in insufficient ultraviolet light and warming of the atmosphere to drive the photochemical reactions. Ozone concentrations do not reach significant levels in the Basin during these seasons.

Sheltered Terrain

The hills and mountains in the Basin contribute to the high pollution potential of some areas. During the day, or at night during windy conditions, areas in the lee sides of mountains are sheltered from the prevailing winds, thereby reducing turbulence and downwind transport. At night, when wind speeds are low, the upper atmospheric layers are often decoupled from the surface layers during radiation conditions. If elevated terrain is present, it will tend to block pollutant transport in that direction. Elevated terrain also can create a recirculation pattern by inducing upvalley air flows during the day and reverse downvalley flows during the night, allowing little inflow of fresh air.

The areas having the highest air pollution potential tend to be those that experience the highest temperatures in the summer and the lowest temperatures in the winter. The coastal areas are exposed to the prevailing marine air, creating cooler temperatures in the summer, warmer temperatures in winter, and stratus clouds all year. The inland valleys are sheltered from the marine air and experience hotter summers and colder winters. Thus, the topography of the inland valleys creates conditions conducive to high air pollution potential.

LOCAL AMBIENT AIR QUALITY

CARB monitors ambient air quality at approximately 250 air monitoring stations across the state. Air quality monitoring stations usually measure pollutant concentrations ten feet aboveground level; therefore, air quality is often referred to in terms of ground-level concentrations. The closest air monitoring station to the project site is on Bethel Island at 5551 Bethel Island Road, which was used to gather pollutant information from 2007 to 2009. The Bethel Island Monitoring Station is located approximately seven miles away from the project site and collects data for all criteria pollutants except PM_{2.5}. Therefore, PM_{2.5} data was collected from the Concord Monitoring Station located at 2975 Treat Boulevard (approximately 17 miles from the project site). Local air quality data from 2007 to 2009 is provided in Table 4.2-1 (Local Air Quality Levels). This table lists the monitored maximum concentrations and number of exceedances of federal/state air quality standards each year as available.

Carbon Monoxide. Carbon monoxide (CO) is an odorless, colorless toxic gas that is emitted by mobile and stationary sources as a result of incomplete combustion of hydrocarbons or other carbon-based fuels. In cities, automobile exhaust can cause as much as 95 percent of all CO emissions.

CO replaces oxygen in the body's red blood cells. Individuals with a deficient blood supply to the heart, patients with diseases involving heart and blood vessels, fetuses, and patients with chronic hypoxemia (oxygen deficiency, as seen in high altitudes) are most susceptible to the adverse effects of CO exposure. People with heart disease are also more susceptible to developing chest pains when exposed to low levels of CO. Exposure to high levels of CO can slow reflexes and cause drowsiness, as well as result in death in confined spaces at very high concentrations.

Nitrogen Dioxide. Nitrogen oxides (NO_x) are a family of highly reactive gases that are a primary precursor to the formation of ground-level ozone (O₃), and react in the atmosphere to form acid rain. NO₂ (often used interchangeably with NO_x) is a reddish-brown gas that can cause breathing difficulties at high levels. Peak readings of NO₂ occur in areas that have a high concentration of combustion sources (i.e., motor vehicle engines, power plants, refineries, and other industrial operations).

NO₂ can irritate and damage the lungs, and lower resistance to respiratory infections such as influenza. The health effects of short-term exposure are still unclear. However, continued or frequent exposure to NO₂ concentrations that are typically much higher than those normally found in the ambient air, may

increase acute respiratory illnesses in children and increase the incidence of chronic bronchitis and lung irritation. Chronic exposure to NO₂ may aggravate eyes and mucus membranes as well as cause pulmonary dysfunction.

**Table 4.2-1
Local Air Quality Levels**

Pollutant	Primary Standard		Year	Maximum ¹ Concentration	Number of Days State/Federal Std. Exceeded
	California	Federal			
Carbon Monoxide (CO) ² (1-Hour)	20 ppm for 1 hour	35 ppm for 1 hour	2007 2008 2009	1.1 ppm 1.5 1.3	0/0 0/0 0/0
Carbon Monoxide (CO) ² (8-Hour)	9 ppm for 8 hours	9 ppm for 8 hours	2007 2008 2009	0.84ppm 1.11 0.94	0/0 0/0 0/0
Ozone (O ₃) (1-Hour) ²	0.09 ppm for 1 hour	NA ⁴	2007 2008 2009	0.093 ppm 0.109 0.109	0/0 4/0 2/0
Ozone (O ₃) (8-Hour) ²	0.070 ppm for 8 hours	0.075 ppm for 8 hours	2007 2008 2009	0.078 ppm 0.090 0.095	4/1 10/4 6/3
Nitrogen Dioxide (NO ₂) ²	0.18 ppm for 1 hour	0.100 ppm for 1 hour	2007 2008 2009	0.048 ppm 0.041 0.033	0/NA 0/NA 0/NA
Particulate Matter (PM ₁₀) ^{2,5,6}	50 µg/m ³ for 24 hours	150 µg/m ³ for 24 hours	2007 2008 2009	49.4 µg/m ³ 78.2 39.1	0/0 3/0 0/0
Fine Particulate Matter (PM _{2.5}) ^{3,6}	No Separate State Standard	35 µg/m ³ for 24 hours	2007 2008 2009	46.2 µg/m ³ 60.3 39.0	NM/7 NM/3 NM/1
ppm = parts per million µg/m ³ = micrograms per cubic meter NM = Not Measured PM ₁₀ = particulate matter 10 microns in diameter or less PM _{2.5} = particulate matter 2.5 microns in diameter or less NA = Not Applicable					
Notes:					
1 – Maximum concentration is measured over the same period as the California Standard.					
2 – Measurements taken at the Bethel Island Road Monitoring Station located at 5551 Bethel Island Road, Bethel Island, California 94511.					
3 – Measurements taken at the Concord Monitoring Station located at 2975 Treat Boulevard, Concord, California					
4 – The United States Environmental Protection Agency revoked the Federal 1-hour Standard in June of 2005.					
5 – PM ₁₀ exceedances are based on State thresholds established prior to amendments adopted on June 20, 2002.					
6 – PM ₁₀ and PM _{2.5} exceedances are derived from the number of samples exceeded, not days.					
Source: California Air Resources Board, <i>Aerometric Data Analysis and Measurement System (ADAM) Air Quality Data Statistics</i> , http://www.arb.ca.gov/adam/welcome.html , accessed on November 19, 2010.					

Ozone. O₃ occurs in two layers of the atmosphere. The layer surrounding the earth's surface is the troposphere. The troposphere extends approximately ten miles above ground level, where it meets the second layer, the stratosphere. The stratospheric (the "good" O₃ layer) extends upward from about ten to 30 miles and protects life on earth from the sun's harmful ultraviolet rays.

The "bad" O₃ is a photochemical pollutant, and needs reactive organic gases (ROGs), NO_x and sunlight to form; therefore, ROGs and NO_x are O₃ precursors. To reduce O₃ concentrations, it is necessary to control the emissions of these O₃ precursors. Significant O₃ formation generally requires an adequate amount of precursors in the atmosphere and a period of several hours in a stable atmosphere with strong sunlight.

High O₃ concentrations can form over large regions when emissions from motor vehicles and stationary sources are carried hundreds of miles from their origins.

While O₃ in the upper atmosphere (stratosphere) protects the earth from harmful ultraviolet radiation, high concentrations of ground-level O₃ (in the troposphere) can adversely affect the human respiratory system and other tissues. O₃ is a strong irritant that can constrict the airways, forcing the respiratory system to work hard to deliver oxygen. Individuals exercising outdoors, children and people with pre-existing lung disease such as asthma and chronic pulmonary lung disease are considered to be the most susceptible to the health effects of O₃. Short-term exposure (lasting for a few hours) to O₃ can result in aggravated respiratory diseases such as emphysema, bronchitis and asthma, shortness of breath, increased susceptibility to infections, inflammation of the lung tissue, increased fatigue, as well as chest pain, dry throat, headache and nausea.

Coarse Particulate Matter (PM₁₀). PM₁₀ refers to suspended particulate matter, which is smaller than ten microns or ten one-millionths of a meter. PM₁₀ arises from sources such as road dust, diesel soot, combustion products, construction operations, and dust storms. PM₁₀ scatters light and significantly reduces visibility. In addition, these particulates penetrate into lungs and can potentially damage the respiratory tract. On June 19, 2003, CARB adopted amendments to the statewide 24-hour particulate matter standards based upon requirements set forth in the Children's Environmental Health Protection Act (Senate Bill 25).

Fine Particulate Matter (PM_{2.5}). Due to recent increased concerns over health impacts related to fine particulate matter (particulate matter 2.5 microns in diameter or less), both state and federal PM_{2.5} standards have been created. Particulate matter impacts primarily affect infants, children, the elderly, and those with pre-existing cardiopulmonary disease. In 1997, the U.S. Environmental Protection Agency (EPA) announced new PM_{2.5} standards. Industry groups challenged the new standard in court and the implementation of the standard was blocked. However, upon appeal by the EPA, the U.S. Supreme Court reversed this decision and upheld the EPA's new standards.

On June 20, 2002, CARB adopted amendments for statewide annual ambient particulate matter air quality standards. These standards were revised/established due to increasing concerns by CARB that previous standards were inadequate, as almost everyone in California is exposed to levels at or above the current state standards during some parts of the year, and the statewide potential for significant health impacts associated with particulate matter exposure was determined to be large and wide-ranging.

Sulfur Dioxide. Sulfur dioxide (SO₂) is a colorless, irritating gas with a rotten egg smell; it is formed primarily by the combustion of sulfur-containing fossil fuels. Sulfur dioxide is often used interchangeably with sulfur oxides (SO_x) and lead (Pb). Exposure of a few minutes to low levels of SO₂ can result in airway constriction and reduction in breathing capacity in some asthmatics.

Reactive Organic Gases and Volatile Organic Compounds. Hydrocarbons are organic gases that are formed solely of hydrogen and carbon. There are several subsets of organic gases including reactive organic gases (ROGs) and volatile organic compounds (VOCs). Both ROGs and VOCs are emitted from the incomplete combustion of hydrocarbons or other carbon-based fuels. The major sources of hydrocarbons are combustion engine exhaust, oil refineries, and oil-fueled power plants; other common sources are petroleum fuels, solvents, dry cleaning solutions, and paint (via evaporation).

Toxic Air Contaminants. Toxic Air Contaminants (TACs) (also referred to as Hazardous Air Pollutants [HAPs]), are pollutants that result in an increase in mortality, a serious illness, or pose a present or

potential hazard to human health. Health effects of TACs may include cancer, birth defects, and immune system and neurological damage.

TACs can be separated into carcinogens and noncarcinogens based on the nature of the physiological degradation associated with exposure to the pollutant. For regulatory purposes, carcinogens are assumed to have no safe threshold below which health impacts would not occur. Noncarcinogenic TACs differ in that there is a safe level in which it is generally assumed that no negative health impacts would occur. These levels are determined on a pollutant-by-pollutant basis.

TACs are not considered criteria air pollutants and, thus, are not specifically addressed through the setting of ambient air quality standards. Instead, the EPA and CARB regulate HAPs and TACs, respectively, through statutes and regulations that generally require the use of the maximum or best available control technology (MACT and BACT) to limit emissions. These in conjunction with additional rules set forth by the BAAQMD establish the regulatory framework for TACs.

SENSITIVE RECEPTORS

Sensitive populations are more susceptible to the effects of air pollution than is the general population. The following types of people are most likely to be adversely affected by air pollution, as identified by CARB: children under 14, elderly over 65, athletes, and people with cardiovascular and chronic respiratory diseases. Locations that may contain a high concentration of these sensitive population groups are called sensitive receptors and include residential areas, hospitals, day-care facilities, elder-care facilities, elementary schools and parks. Existing sensitive receptors located in the project vicinity include single and multi-family residential homes, schools, parks, places of worship, and a hospital. Sensitive receptors are depicted in Table 4.2-2 (Sensitive Receptors).

**Table 4.2-2
Sensitive Receptors**

Type	Name	Distance from Project Site (feet)	Direction from Project Site
Residential	Residential Uses	2,400	North
		1,062	South
		1,000	East
		1,700	West
Schools	Heritage High School	12,600 (2.4 miles) ¹	Northwest
	Celebration Christian School	11,800 (2.2 miles) ¹	Northeast
Parks	Cortona Park	11,780 (2.2 miles) ¹	North
Notes:			
1. Although these uses are located more than two miles away from the project site, they are listed here to indicate the closest schools and parks to the project site.			
Source: Google Earth 2010.			

4.2.2 REGULATORY SETTING

U.S. ENVIRONMENTAL PROTECTION AGENCY

The EPA is responsible for implementing the Federal Clean Air Act (FCAA), which was first enacted in 1955 and amended numerous times after. The FCAA established federal air quality standards known as the National Ambient Air Quality Standards (NAAQS). These standards identify levels of air quality for “criteria” pollutants that are considered the maximum levels of ambient (background) air pollutants

considered safe, with an adequate margin of safety, to protect the public health and welfare. The criteria pollutants are O₃, CO, NO₂ (which is a form of NO_x), SO₂ (which is a form of SO_x), particulate matter less than ten and 2.5 microns in diameter (PM₁₀ and PM_{2.5}, respectively), and Pb. Refer to Table 4.2-3 (National and California Ambient Air Quality Standards).

CALIFORNIA AIR RESOURCES BOARD

CARB administers the air quality policy in California. The California Ambient Air Quality Standards (CAAQS) were established in 1969 pursuant to the Mulford-Carrell Act. These standards, included with the NAAQS in Table 4.2-3, are generally more stringent and apply to more pollutants than the NAAQS. In addition to the criteria pollutants, CAAQS have been established for visibility reducing particulates, hydrogen sulfide and sulfates. The CCAA, which was approved in 1988, requires that each local air district prepare and maintain an Air Quality Management Plan (AQMP) to achieve compliance with CAAQS. These AQMPs also serve as the basis for preparation of the State Implementation Plan (SIP) for the State of California.

Like the EPA, CARB also designates areas within California as either attainment or nonattainment for each criteria pollutant based on whether the CAAQS have been achieved. Under the CCAA, areas are designated as nonattainment for a pollutant if air quality data show that a state standard for the pollutant was violated at least once during the previous three calendar years. Exceedances that are affected by highly irregular or infrequent events are not considered violations of a state standard, and are not used as a basis for designating areas as nonattainment.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

BAAQMD is the regional agency with jurisdiction over the nine-county region located in the Basin. The Association of Bay Area Governments (ABAG), the Metropolitan Transportation Commission (MTC), county transportation agencies, cities and counties, and various nongovernmental organizations also join in the efforts to improve air quality through a variety of programs. These programs include the adoption of regulations and policies, as well as implementation of extensive education and public outreach programs.

BAAQMD is responsible for attaining and/or maintaining air quality in the Basin within federal and state air quality standards. Specifically, BAAQMD has the responsibility to monitor ambient air pollutant levels throughout the Basin and to develop and implement strategies to attain the applicable federal and state standards.

In June 2010, BAAQMD adopted its updated *CEQA Air Quality Guidelines* as a guidance document to provide lead agencies, consultants and project proponents with uniform procedures for assessing air quality impacts and preparing the air quality sections of environmental documents for projects subject to CEQA. The *CEQA Air Quality Guidelines* include methodologies and thresholds for addressing project and program level air quality and greenhouse gas emissions.

**Table 4.2-3
National and California Ambient Air Quality Standards**

Pollutant	Averaging Time	California ¹		Federal ²	
		Standard ³	Attainment Status	Standards ⁴	Attainment Status
Ozone (O ₃)	1 Hour	0.09 ppm (180 µg/m ³)	Nonattainment	N/A ⁵	N/A ⁵
	8 Hours	0.07 ppm (137 µg/m ³)	N/A	0.075 ppm (147 µg/m ³)	Nonattainment
Particulate Matter (PM ₁₀)	24 Hours	50 µg/m ³	Nonattainment	150 µg/m ³	Unclassified
	Annual Arithmetic Mean	20 µg/m ³	Nonattainment	N/A ⁶	Unclassified
Fine Particulate Matter (PM _{2.5})	24 Hours	No Separate State Standard		35 µg/m ³	Nonattainment
	Annual Arithmetic Mean	12 µg/m ³	Nonattainment	15.0 µg/m ³	Nonattainment
Carbon Monoxide (CO)	8 Hours	9.0 ppm (10 mg/m ³)	Attainment	9 ppm (10 mg/m ³)	Unclassified/ Attainment
	1 Hour	20 ppm (23 mg/m ³)	Attainment	35 ppm (40 mg/m ³)	Unclassified/ Attainment
Nitrogen Dioxide (NO ₂) ⁷	Annual Arithmetic Mean	0.030 ppm (57 µg/m ³)	N/A	53 ppb (100 µg/m ³)	Unclassified/ Attainment
	1 Hour	0.18 ppm (339 µg/m ³)	Attainment	100 ppb (188 µg/m ³)	N/A
Lead (Pb)	30 days average	1.5 µg/m ³	Attainment	N/A	N/A
	Calendar Quarter	N/A	N/A	1.5 µg/m ³	N/A
Sulfur Dioxide (SO ₂)	24 Hours	0.04 ppm (105 µg/m ³)	Attainment	N/A	Attainment
	3 Hours	N/A	N/A	N/A	Attainment
	1 Hour	0.25 ppm (655 µg/m ³)	Attainment	75 ppb (196 µg/m ³)	N/A
Visibility-Reducing Particles	8 Hours (10 a.m. to 6 p.m., PST)	Extinction coefficient = 0.23 km@<70% RH	Unclassified	No Federal Standards	
Sulfates	24 Hour	25 µg/m ³	Attainment		
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m ³)	Unclassified		
Vinyl Chloride	24 Hour	0.01 ppm (26 µg/m ³)	N/A		

µg/m³ = micrograms per cubic meter; ppm = parts per million; ppb = parts per billion; km = kilometer(s); RH = relative humidity; PST = Pacific Standard Time; N/A = Not Applicable

- California standards for ozone, carbon monoxide (except Lake Tahoe), sulfur dioxide (1- and 24-hour), nitrogen dioxide, suspended particulate matter-PM₁₀ and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations. In 1990, the California Air Resources Board (CARB) identified vinyl chloride as a toxic air contaminant, but determined that there was not sufficient available scientific evidence to support the identification of a threshold exposure level. This action allows the implementation of health-protective control measures at levels below the 0.010 parts per million ambient concentration specified in the 1978 standard.
- National standards (other than ozone, particulate matter and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once a year. EPA also may designate an area as *attainment/unclassifiable*, if: (1) it has monitored air quality data that show that the area has not violated the ozone standard over a three-year period; or (2) there is not enough information to determine the air quality in the area. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than one. For PM_{2.5}, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard.
- Concentration is expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 mm of mercury. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 mm of mercury (1,013.2 millibar); ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
- National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.
- The Federal 1-hour ozone standard was revoked on June 15, 2005 in all areas except the 14 8-hour ozone nonattainment Early Action Compact (EAC) areas.
- The Environmental Protection Agency revoked the annual PM₁₀ standard in 2006 (effective December 16, 2006).
- To attain this standard, the 3-year average of the 98th percentile of the daily maximum 1-hour average at each monitor within an area must not exceed 0.100 ppm (effective January 22, 2010). Note that EPA standards are in units of ppb and California standards are in units of ppm.

Source: California Air Resources Board and U.S. Environmental Protection Agency, September 8, 2010.

In March 2010, BAAQMD, in cooperation with the MTC and ABAG, published the draft *2010 Bay Area Clean Air Plan*, which, supersedes the *Bay Area 2005 Ozone Strategy*. The *2010 Bay Area Clean Air Plan* updates the *2005 Ozone Strategy* in accordance with the requirements of the CCAA to achieve the following:

- Implement all feasible measures to reduce ozone; provide a control strategy to reduce ozone, particulate matter, toxic air contaminants and greenhouse gases in a single, integrated plan
- Review progress in improving air quality in recent years
- Establish emission control measures to be adopted or implemented in the 2010 to 2012 time frame

The control strategy includes stationary-source control measures to be implemented through BAAQMD regulations; mobile-source control measures to be implemented through incentive program and other activities; and transportation control measures to be implemented through transportation programs in cooperation with MTC, local governments, transit agencies and others. The *2010 Bay Area Clean Air Plan* also represents the Bay Area's most recent triennial assessment of the region's strategy to attain the one-hour ozone standard.

4.2.3 IMPACT ANALYSIS

THRESHOLDS OF SIGNIFICANCE

BAAQMD Thresholds

Under CEQA, BAAQMD is an expert commenting agency on air quality within its jurisdiction or impacting its jurisdiction. BAAQMD reviews projects to ensure that they would: (1) support the primary goals of the latest Air Quality Plan; (2) include applicable control measures from the Air Quality Plan; and (3) not disrupt or hinder implementation of any Air Quality Plan control measures.

As described above, the BAAQMD adopted their *CEQA Air Quality Guidelines* to assist lead agencies in evaluating air quality impacts of projects and plans proposed in the Basin. The *CEQA Air Quality Guidelines* provide BAAQMD-recommended procedures for evaluating potential air quality and GHG impacts during the environmental review process consistent with CEQA requirements. In addition to providing new thresholds for GHG emissions, the 2010 *CEQA Air Quality Guidelines* provide updated significance thresholds for criteria pollutants and supersede the BAAQMD's previous CEQA guidance titled *BAAQMD CEQA Guidelines: Assessing the Air Quality Impacts of Projects and Plans* (1999).

If the project proposes development in excess of the established thresholds, as illustrated in Table 4.2-4 (BAAQMD Emissions Thresholds), a significant air quality impact may occur and additional analysis is warranted to fully assess the significance of impacts.

**Table 4.2-4
BAAQMD Emissions Thresholds**

Pollutant/Precursor	Maximum Annual Emissions (tpy)	Average Daily Emissions (lbs/day) (Construction and Operational)
ROG	10	54
NO _x	10	54
PM ₁₀	15	82
PM _{2.5}	10	54
tpy = tons per year; PM _{2.5} = fine particulate matter with a diameter of 2.5 micrometers or less; lb/day = pounds per day; PM ₁₀ = respirable particulate matter with a diameter of 10 micrometers or less; NO _x = oxides of nitrogen; ROG = reactive organic gases.		
Source: Bay Area Air Quality Management District, <i>CEQA Air Quality Guidelines</i> , June 2010.		

Additionally, the BAAQMD screening criteria provides that the proposed project would result in a less-than-significant impact to localized CO concentrations if the following are met:

- Project is consistent with an applicable congestion management program established by the county congestion management agency for designated roads or highways, regional transportation plan, and local congestion management agency plans
- Project traffic would not increase traffic volumes at affected intersections to more than 44,000 vehicles per hour
- Project traffic would not increase traffic volumes at affected intersections to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., tunnel, parking garage, bridge underpass, natural or urban street canyon, below-grade roadway)

If none of the above criteria are met, then the project would require a quantitative analysis that would compare emissions to the CAAQS.

Health Risk Screening Thresholds

BAAQMD has developed methods whereby local community risk and hazard impacts from projects for both new sources and new receptors can be determined based on comparison with applicable thresholds of significance and screening criteria. The screening methods are provided in the BAAQMD guidance document entitled *Recommended Methods for Screening and Modeling Local Risks and Hazards* (May 2010). The BAAQMD guidance provides screening tables to determine whether emissions would create a significant health hazard impact based on project size and receptor distance. Additionally, BAAQMD recommends that all toxic sources are identified within a 1,000 foot radius of a project site to determine any risk and health hazards.

CEQA Thresholds

According to Appendix G of the *CEQA Guidelines*, the project would have a significant air quality impact if it would:

- Conflict with or obstruct implementation of the applicable air quality plan
- Violate any air quality standard or contribute substantially to an existing or projected air quality violation
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable Federal or State ambient air quality standard

- Expose sensitive receptors to substantial pollutant concentrations
- Create objectionable odors affecting a substantial number of people

POTENTIAL IMPACTS AND MITIGATION MEASURES

Short-Term (Construction) Air Emissions Impacts

4.2-1 SHORT-TERM CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE PROPOSED PROJECT WOULD RESULT IN POTENTIALLY SIGNIFICANT AIR POLLUTANT EMISSION IMPACTS.

Level of Significance Before Mitigation: Potentially Significant Impact.

Impact Analysis:

Short-term air quality impacts are predicted to occur during grading and construction operations associated with implementation of the proposed project. Temporary air emissions would result from the following activities:

- Particulate (fugitive dust) emissions from grading and building construction
- Exhaust emissions from the construction equipment and the motor vehicles of the construction crew

Potential odors could arise from the diesel construction equipment used on-site, as well as from architectural coatings and asphalt off-gassing. Odors generated during construction activities would be temporary and would not be considered a significant impact. Emissions produced during grading and construction activities are short-term, as they would exist only during construction.

The project site is currently vacant and has been previously cleared. Construction activities would include grading, construction of buildings, paving, and application of architectural coatings. Project construction is anticipated to begin in 2013 and would last approximately 18 months. During the mass grading phase of construction, approximately five acres of site would be graded per day with approximately 1,500 cubic yards earth movement per day. Grading for the site would be balanced and no soil import or export would be required. The analysis of daily construction emissions has been prepared utilizing the URBEMIS 2007 computer model (refer to Appendix C). Table 4.2-5 (Construction Emissions) presents the anticipated daily short-term construction emissions.

Fugitive Dust Emissions

Construction activities are a source of fugitive dust (also known as PM₁₀ and PM_{2.5}) emissions that may have a substantial, temporary impact on local air quality. Fugitive dust is often a nuisance to those living and working within the vicinity of the project site. Fugitive dust emissions are associated with land clearing, ground evacuation, cut and fill operations, and truck travel on unpaved roadways. Fugitive dust emissions also vary substantially from day to day, depending on the level of activity, the specific operations, and weather conditions.

PM₁₀ and PM_{2.5} are both emitted during construction activities and as a result of wind erosion over exposed soil surfaces. Clearing and grading activities comprise the major sources of construction dust emissions, but traffic and general disturbance of the soil also generates significant dust emissions. PM₁₀ and PM_{2.5} emissions can vary greatly depending on the level of activity, the specific operations taking

place, the equipment being operated, local soils, weather conditions, and other factors making quantification difficult. The highest potential for construction dust impacts would occur during the late spring, summer, and early fall months when soils are dry. Despite this variability in emissions, experience has shown that there are a number of feasible control measures that can be reasonably implemented to significantly reduce PM₁₀ and PM_{2.5} emissions from construction activities. BAAQMD recommends the implementation of all Basic Construction Mitigation Measures, whether or not construction-related emissions exceed applicable significance thresholds. As shown in Table 4.2-5, unmitigated fugitive dust emissions would exceed BAAQMD thresholds for PM₁₀ and PM_{2.5}. However, implementation of the BAAQMD's Basic Construction Mitigation Measures would be required for the proposed project (included in Mitigation Measure 4.2-1) and would reduce fugitive dust impacts to a less than significant level.

**Table 4.2-5
Construction Emissions**

Emissions Source	Emissions (lbs/day)			
	ROG	NO _x	PM ₁₀	PM _{2.5}
2013				
Fugitive Dust Emissions	--	--	347.81	72.64
Mobile Sources	3.93	27.83	1.41	1.30
Off-Gassing	0.00	--	--	--
<i>Total Unmitigated Emissions</i>	<i>3.93</i>	<i>27.83</i>	<i>349.22</i>	<i>73.94</i>
<i>Total Basic Mitigated Emissions²</i>	<i>3.93</i>	<i>27.83</i>	<i>56.24</i>	<i>12.75</i>
<i>BAAQMD Threshold</i>	<i>54</i>	<i>54</i>	<i>82¹</i>	<i>54¹</i>
<i>Basic Mitigated Emissions Exceed BAAQMD Threshold?</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>
2014				
Fugitive Dust Emissions	--	--	0.18	0.06
Mobile Sources	3.59	16.66	0.99	0.90
Off-Gassing	50.29	--	--	--
<i>Total Unmitigated Emissions</i>	<i>53.88</i>	<i>16.66</i>	<i>1.17</i>	<i>0.97</i>
<i>Total Basic Mitigated Emissions²</i>	<i>53.88</i>	<i>16.66</i>	<i>1.17</i>	<i>0.97</i>
<i>BAAQMD Threshold</i>	<i>54</i>	<i>54</i>	<i>82¹</i>	<i>54¹</i>
<i>Basic Mitigated Emissions Exceed BAAQMD Threshold?</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>
ROG = reactive organic gases; NO _x = nitrogen oxides; PM ₁₀ = particulate matter less than 10 microns; PM _{2.5} = particulate matter less than 2.5 microns; lbs/day = pounds per day; "--" = these pollutants are not generated by this emissions category.				
Notes:				
1. Applies to construction equipment exhaust only.				
2. The reduction/credits for construction emission mitigations are based on mitigation included in the URBEMIS2007 version 9.2.4 computer model and as typically required by the BAAQMD (Basic Control Measures and Regulation 6: Particulate Matter and Visible Emissions). The mitigation includes the following: replace ground cover on disturbed areas quickly, water exposed surfaces twice daily, apply soil stabilizers to inactive areas, and proper loading/unloading of mobile and other construction equipment.				
Refer to Appendix C (Air Quality Data) for assumptions used in this analysis.				

ROG Emissions

In addition to gaseous and particulate emissions, the application of asphalt and surface coatings creates ROG emissions, which are O₃ precursors. In accordance with the methodology prescribed by the BAAQMD, the ROG emissions associated with paving have been quantified with the URBEMIS 2007 model. In addition, based upon the size of the buildings, architectural coatings were also quantified within the URBEMIS 2007 model. The highest concentration of ROG emissions would be generated during the application of architectural coatings towards the end of construction. As indicated in Table 4.2-5, the project construction would not exceed BAAQMD thresholds for ROG. Therefore, impacts would be less than significant.

Construction Equipment and Worker Vehicle Exhaust

Exhaust emission factors for typical diesel-powered heavy equipment are based on the URBEMIS 2007 program defaults. Variables factored into estimating the total construction emissions include: level of activity, length of construction period, number of pieces/types of equipment in use, site characteristics, weather conditions, number of construction personnel, and the amount of materials to be transported on-site or off-site. A listing of mobile and stationary construction equipment is included in Appendix C.

Exhaust emissions from construction activities include emissions associated with the transport of machinery and supplies to and from the project site, emissions produced on-site as the equipment is used, and emissions from trucks transporting materials to and from the site. Emitted pollutants would include ROG, NO_x, PM₁₀ and PM_{2.5}. As indicated in Table 4.2-5, construction equipment exhaust would not cause an exceedance of the BAAQMD's NO_x thresholds during the construction period. Impacts would be less than significant in this regard.

Naturally Occurring Asbestos

Pursuant to guidance issued by the Governor's Office of Planning and Research, State Clearinghouse, lead agencies are encouraged to analyze potential impacts related to naturally occurring asbestos. Naturally occurring asbestos can be released from serpentinite and ultramafic rocks when the rock is broken or crushed. At the point of release, the asbestos fibers may become airborne, causing air quality and human health hazards. These rocks have been commonly used for unpaved gravel roads, landscaping, fill projects, and other improvement projects in some localities. Asbestos may be released to the atmosphere due to vehicular traffic on unpaved roads, during grading for development projects, and at quarry operations.

Serpentinite and/or ultramafic rock are known to be present in 44 of California's 58 counties. These rocks are particularly abundant in the counties associated with the Sierra Nevada foothills, the Klamath Mountains and Coast Ranges. According to the Department of Conservation Division of Mines and Geology, *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos Report* (August 2000), the project site is not located in an area where naturally occurring asbestos is likely to be present. Therefore, impacts are less than significant in this regard.

Total Daily Construction Emissions

In accordance with BAAQMD Guidelines, URBEMIS 2007 was utilized to model construction emissions for ROG, NO_x, PM₁₀ and PM_{2.5}. Construction would occur over an 18-month period with the greatest fugitive dust emissions being generated during the initial stages of construction. Additionally, the

greatest amount of ROG emissions would typically occur during the final stages of development due to the application of architectural coatings.

The URBEMIS 2007 model allows the user to input mitigation measures such as watering the construction area to limit fugitive dust in the project area. Mitigation measures inputted within the URBEMIS 2007 model allow for certain reduction credits and result in a decrease of pollutant emissions. Reduction credits are based upon various land use and transportation studies and were programmed within the URBEMIS 2007 model.¹ As indicated in Table 4.2-5, construction-related impacts would be less than significant with the implementation of the BAAQMD's Basic Mitigation Measures (Mitigation Measure 4.2-1).

Construction Toxic Air Contaminants

Construction-related activities could result in the generation of TACs, specifically diesel particulate matter (DPM), from on-road haul trucks and off-road equipment exhaust emissions. Due to the variable nature of the proposed construction activity, the generation of TAC emissions would be temporary, especially considering the short amount of time such equipment is typically within an influential distance that would result in the exposure of sensitive receptors to substantial concentrations.

The construction period would occur for approximately 18 months and would require various types of heavy equipment throughout each construction phase. Specifically, grading activities would require two tractors, one grader, one rubber tired dozer and one water truck. Trenching activities would require two excavators. Paving activities would include four cement and mortar mixers, one paver, one roller and two other pieces of paving equipment. The building phase would require one crane, two forklifts, one tractor, three welders and one generator set. As indicated in the URBEMIS2007 model outputs for the proposed project (refer to Table 4.2-5), construction activities would generate 1.30 pounds of diesel PM_{2.5} exhaust per day in 2013 and 0.90 pounds of diesel PM_{2.5} exhaust per day in 2014. Additionally, the project would include implementation of the BAAQMD's Basic Construction Mitigation Measures (Mitigation Measure 4.2-1), which is recommended for all proposed projects, and would also reduce DPM exhaust emissions.

As depicted in Table 4.2-2, the closest sensitive receptors to the project site would be the residential uses approximately 1,000 feet (305 meters) to the east. Additional sensitive receptors include residential uses 1,062 feet (324 meters) to the south, 1,700 feet (518 meters) to the west, and 2,400 feet (732 meters) to the north.

BAAQMD has developed guidance for estimating risk and hazards impacts entitled *Recommended Methods for Screening and Modeling Local Risks and Hazards* (May 2010), which also includes recommendations for mitigation of significant risk and hazards impacts. BAAQMD guidance provides a screening approach to conduct initial evaluations of potential health risks from exposure to TACs (including DPM and PM_{2.5}) from construction activities. Table 2 of the BAAQMD *Recommended Methods for Screening and Modeling Local Risks and Hazards* provides the minimum distance required between the fence line of a construction site and a nearby sensitive receptor to ensure that cancer and non-cancer risks associated with the project are less than significant per BAAQMD significance thresholds.

Based on the approach recommended by BAAQMD guidance, the minimum offset distance (screening distance) required for the proposed project would be 492 feet (150 meters). This is the minimum distance necessary between sensitive receptors and the project site to avoid significant impacts. As noted above,

¹ Jones and Stokes Associates, *Software User's Guide: URBEMIS2007 for Windows User's Guide Appendices*, November 2007.

the closest sensitive receptors are the residential uses located approximately 1,000 feet (305 meters) to the east. As the closest receptors are not located within 150 meters of the project site, impacts from construction TACs would be less than significant.

Mitigation Measure:

4.2-1 Grading plans, building plans, and specifications shall stipulate that, in compliance with the BAAQMD *CEQA Air Quality Guidelines*, the following basic construction mitigation measures shall be implemented:

- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas and unpaved access roads) shall be watered two times per day.
- All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
- All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- All vehicle speeds on unpaved roads shall be limited to 15 mph.
- All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible.
- Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
- All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
- A publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints shall be posted. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

Level of Significance After Mitigation: Less Than Significant Impact.

Long-Term (Operational) Air Emissions Impacts

4.2-2 LONG-TERM OPERATION OF THE PROPOSED PROJECT WOULD RESULT IN POTENTIALLY SIGNIFICANT AIR POLLUTANT EMISSIONS IMPACTS.

Level of Significance Before Mitigation: Potentially Significant Impact.

Impact Analysis:

Operational emissions generated by both stationary and mobile sources would result from normal daily activities on the project site after occupation (i.e., increased loads of O₃, PM₁₀ and CO). Stationary area source emissions would be generated by the consumption of natural gas for space and water heating devices, the operation of landscape maintenance equipment, and the use of consumer products. Mobile emissions would be generated by the motor vehicles traveling to and from the project site. Emissions associated with each of these sources were calculated and are discussed below.

Mobile Source Emissions

Mobile sources are emissions from motor vehicles, including tailpipe and evaporative emissions. Depending upon the pollutant being discussed, the potential air quality impact may be of either regional or local concern. For example, ROG, NO_x, SO_x, PM₁₀ and PM_{2.5} are all pollutants of regional concern (NO_x and ROG react with sunlight to form O₃ [photochemical smog], and wind currents readily transport SO_x, PM₁₀ and PM_{2.5}). However, CO tends to be a localized pollutant, dispersing rapidly at the source.

As previously discussed, the Basin is a nonattainment area for federal and state air quality standards for O₃ and PM_{2.5} and state standards for PM₁₀. NO_x and ROG are regulated O₃ precursors. A precursor is defined as a directly emitted air contaminant that, when released into the atmosphere, forms or causes to be formed, or contributes to the formation of, a secondary air contaminant for which an ambient air quality standard has been adopted. Project-generated vehicle emissions have been estimated using the URBEMIS 2007 model. This model predicts ROG, NO_x, PM₁₀ and PM_{2.5} emissions from motor vehicle traffic associated with new or modified land uses (refer to Appendix C).

According to the *Traffic Impact Analysis* set forth in Section 4.4 (Transportation/Traffic), the proposed project would generate 11,150 daily trips. However, the proposed project would displace approximately 63 percent of the mixed-uses that are currently allowed on the Pioneer Square site. As a result, implementation of the proposed project would displace 3,100 daily trips associated with the mixed-uses and the net project trip generation would be 8,050 daily trips. Table 4.2-6 (Long-Term Operational Air Emissions) presents the anticipated mobile source emissions. As shown in Table 4.2-6, emissions generated by vehicle traffic associated with the proposed project would exceed established BAAQMD thresholds for ROG and PM₁₀. As there is no available mitigation, impacts from vehicle emissions would be significant and unavoidable.

**Table 4.2-6
Long-Term Operational Air Emissions**

Source	Pollutant (lbs/day) ¹			
	ROG	NO _x	PM ₁₀	PM _{2.5}
COMMUNITY COLLEGE				
▪ Area Source Emissions	3.13	4.47	0.02	0.02
▪ Vehicle Emissions	93.17	65.14	142.75	27.15
<i>Total Unmitigated Operational Emissions</i>	<i>96.30</i>	<i>69.61</i>	<i>142.77</i>	<i>27.17</i>
DISPLACED MIXED-USE DEVELOPMENT				
▪ Area Source Emissions	2.29	0.02	0.01	0.01
▪ Vehicle Emissions	13.60	17.96	39.34	7.48
<i>Total Unmitigated Operational Emissions</i>	<i>15.89</i>	<i>17.98</i>	<i>35.35</i>	<i>7.49</i>
<i>Net Community College Emissions</i>	<i>80.41</i>	<i>51.63</i>	<i>107.42</i>	<i>19.68</i>
BAAQMD Threshold	54	54	82	54
Emissions Exceed BAAQMD Threshold? (Significant Impact?)	Yes	No	Yes	No
ROG = reactive organic gases; NO _x = nitrogen oxides; CO = carbon monoxide; SO ₂ = sulfur dioxide; PM ₁₀ = particulate matter; less than 10 microns; PM _{2.5} = particulate matter; less than 2.5 microns; lbs/day = pounds per day. Notes: 1. Based on URBEMIS 2007 modeling results, worst-case seasonal emissions for area and mobile emissions have been modeled. 2. Mitigated emissions are based on transportation demand management measures, use of low VOC/ROG architectural coatings (BAAQMD Regulation 8, Rule 3), and area source efficiency measures that would be implemented as project design features. Mitigated emissions are based on URBEMIS 2007 calculations.				

Area Source Emissions

Area source emissions would be generated due to an increased demand for electrical energy and natural gas with the development of the proposed improvement. This assumption is based on the supposition that those power plants supplying electricity to the site are utilizing fossil fuels. Electric power generating plants are distributed throughout the Basin and western U.S., and their emissions contribute to the total regional pollutant burden. The primary use of natural gas by the proposed land uses would be for combustion to produce space heating, water heating, other miscellaneous heating, or air conditioning, consumer products, and landscaping. As indicated in Table 4.2-6, area source emissions from the proposed project would not exceed BAAQMD thresholds. Thus, impacts associated with area source emissions would be less than significant.

Operational Emissions Mitigation

As depicted in Table 4.2-6, mobile source emissions would exceed the BAAQMD's threshold for ROG and PM₁₀. According to the BAAQMD *CEQA Air Quality Guidelines* (June 2010), where operational-related emissions exceed applicable thresholds of significance, all feasible mitigation measures to reduce the project's air quality impacts should be implemented. BAAQMD provides mitigated emission estimates from both URBEMIS mitigation measures and non-URBEMIS mitigation measures that are included in the proposed project. These mitigation measures have been quantified and the mitigated emissions are provided in Table 4.2-6, above.

The proposed project would include various design features that would reduce emissions of criteria pollutants related to both mobile and area source emissions. The project proposes development of two 42,000 square foot classroom/office buildings that would serve 5,000 students and include 80 full-time and 200 part-time faculty and staff members. The project would include project design features that have been identified by the BAAQMD as both URBEMIS mitigation measures and non-URBEMIS mitigation measures that would reduce operational related emissions of criteria pollutants.

URBEMIS Reduction Measures. The proposed project would include transportation demand management features that include a daily parking charge and free transit passes to students. According to the BAAQMD *CEQA Air Quality Guidelines*, these transportation demand features would reduce mobile source criteria pollutant emissions by up to 4.17 percent.² Additionally, the proposed project would include other transportation demand measures such as secure bike parking, car-sharing services, and preferential carpool/vanpool parking. Implementation of these three other transportation demand measures would increase transit and pedestrian/bike friendliness, and result in an eight percent reduction in mobile source emissions. The project would also reduce area source emissions and exceed California Code of Regulations Title 24 (California's Energy Efficiency Standards) by ten percent. It should be noted that this is based on the 2010 California Green Building Standards, which are effective January 1, 2011. Despite the implementation of the URBEMIS reduction measures, ROG and PM₁₀ emissions would remain above BAAQMD thresholds.

Non-URBEMIS Reduction Measures. The proposed project would also incorporate several non-URBEMIS (mitigation measures not quantifiable in URBEMIS2007) energy efficiency measures including planting shade trees, installing cool roof materials, installing smart meters and programmable thermostats, meeting California Green Building Code standards, and heating ventilation and air conditioning (HVAC) duct sealing. Implementation of these design features would reduce electricity

² Refer to Section 4.4 (Mitigating Operational-Related Impacts) of the Bay Area Air Quality Management District, *CEQA Air Quality Guidelines*, June 2010.

related emissions by 99 percent, and natural gas related emissions by ten percent.³ Also, refer to Section 4.3 (Greenhouse Gas Emissions) for additional discussion of the project's emissions reducing design features. It should be noted that these measures primarily apply to energy efficiency and would not reduce ROG and PM₁₀ emissions due to vehicle trips. As depicted in Table 4.2-6, ROG and PM₁₀ emissions would remain above BAAQMD thresholds, despite the implementation of Non-URBEMIS reduction measures.

Table 4.2-6 depicts both the unmitigated and mitigated operational emissions associated with the proposed project. As indicated in Table 4.2-6, despite the implementation of operational mitigation measures, ROG and PM₁₀ emissions would remain above BAAQMD thresholds. According to the BAAQMD *CEQA Air Quality Guidelines* (June 2010), if mitigated levels of any criteria air pollutant or precursor would still exceed the applicable threshold of significance, the impact to air quality would remain significant and unavoidable.

Localized Carbon Monoxide Hotspots

The Basin is designated as attainment for carbon monoxide (CO). As indicated in the BAAQMD *CEQA Air Quality Guidelines*, emissions and ambient concentrations of CO have decreased dramatically in the Basin with the introduction of the catalytic converter in 1975. No exceedances of the CAAQS or NAAQS for CO have been recorded at nearby monitoring stations since 1991.⁴ As a result, the screening criteria in the BAAQMD *CEQA Air Quality Guidelines* note that CO impacts may be determined to be less than significant if a project is consistent with the applicable congestion management plan and would not increase traffic volumes at local intersections to more than 24,000 vehicles per hour. The project would be consistent with applicable congestion management planning, as it would not significantly increase the delay or level of service at the study intersections, and the greatest volume at any of the study intersections is less than 5,000 vehicles per hour (this includes project buildout and cumulative volumes). Therefore, impacts related to CO concentrations would be less than significant.

Risk and Health Hazards

BAAQMD recommends that all TAC and particulate PM_{2.5} sources be identified within a 1,000 foot radius of the proposed project site to determine any risk and health hazards. As described above, the project site is surrounded primarily by open space and residential uses. There are no TAC and PM_{2.5} sources located within 1,000 feet of the project site.⁵ State Route 4 Bypass is located to the northeast; however, peak hour vehicle volumes are less than 2,000 and would not be considered a health hazard source.⁶ Therefore, any impacts associated with risk and health hazards would be less than significant.

Mitigation Measures: No feasible mitigation is available.

Level of Significance After Mitigation: Significant and Unavoidable Impact.

³ Ibid.

⁴ Bay Area Air Quality Management District, *BAAQMD CEQA Air Quality Guidelines* (page 6-1), June 2010.

⁵ Bay Area Air Quality Management District, *Stationary Source Risk & Hazard Analysis Tool, Contra Costa Permitted Sources*, May 3, 2010. <http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx>

⁶ California Department of Transportation, Traffic and Vehicle Data Systems Unit, *All Traffic Volumes on California State Highways*, 2009. <http://traffic-counts.dot.ca.gov/2009all/Route2-4i.htm>.

Consistency with Regional Plans

4.2-3 DEVELOPMENT ASSOCIATED WITH THE PROPOSED PROJECT WOULD NOT BE CONSISTENT WITH REGIONAL PLANS.

Level of Significance Before Mitigation: Potentially Significant Impact.

Impact Analysis:

The Vineyards EIR analyzed the project's consistency with the 2000 Clean Air Plan (CAP) (the latest CAP at the time). The analysis found that based on the project's consistency with the City of Brentwood's General Plan Update EIR, the project would also be consistent with the CAP. Therefore, the Vineyards EIR found that the project would not cause population growth that would exceed the values used for air quality purposes. Additionally, the City's General Plan was consistent with the transportation control measures in the CAP and would reduce vehicle trips and vehicle miles traveled. The most recently adopted air quality plan in the Basin is the *2010 Bay Area Clean Air Plan* (CAP). This CAP outlines how the San Francisco Bay Area will attain air quality standards, reduce population exposure, protect public health, and reduce greenhouse gas emissions.

The project analyzed in this SEIR proposes the construction of a new education center on a portion of the Pioneer Square site within the Vineyards Project site. Although the project represents the relocation of the community college land use from the Cowell Property to the Pioneer Square site, no change in land use on the Cowell Property is proposed at this time. As a result, the original property would retain the land use designation allowing the community college campus, as analyzed in the Vineyards EIR. As described above, the proposed project would be adding more vehicle trips than assumed in the Vineyards EIR.

No significant land use and planning impacts were identified in the Vineyards EIR. The current General Plan land use designation for the 17-acre project site is Mixed-Use Business Park (PD 64), which does not expressly list community college as a permitted use. However, while the District is not subject to local land use regulations or ordinances when using property in furtherance of its educational purposes, the District nonetheless chose this site because of the generally compatibility of its proposed community college use with those surrounding Mixed-Use Business Park uses and nearby residential uses (refer to Chapter 3, Project Description, for greater detail on the goals and objectives of the proposed project). As indicated in the analysis above, the proposed project would result in significant long-term operational air quality impacts regarding ROG and PM₁₀ emissions. Additionally, it should be noted that operational emissions for the Vineyards Project were also found to be significant and unavoidable. Therefore, the project's exceedance of operational ROG (an ozone precursor) and PM₁₀ emissions would hinder the region's ability achieve compliance with the state ozone standards as expeditiously as practicable. Despite the implementation of transportation demand management features (included as project design features), impacts would be significant and unavoidable.

Mitigation Measures: No feasible mitigation is available.

Level of Significance After Mitigation: Significant and Unavoidable Impact.

Cumulative Impacts

4.2-4 IMPLEMENTATION OF THE PROPOSED PROJECT AND RELATED CUMULATIVE PROJECTS WOULD RESULT IN SIGNIFICANT CUMULATIVE AIR QUALITY IMPACTS.

Level of Significance Before Mitigation: Potentially Significant Impact.

Impact Analysis:

Cumulative Construction Impacts

As discussed above, the project's construction-related emissions would not exceed any of the proposed new BAAQMD thresholds of significance. The BAAQMD *CEQA Air Quality Guidelines* do not include significance thresholds for cumulative construction emissions. However, due to the temporary nature of construction emissions, if the project's emissions would be less than significant based on the project-level thresholds of significance, it can be expected that the cumulative impact would also be less than significant. In addition, the project would be required to implement the proposed BAAQMD Basic Construction Mitigation Measures (Mitigation Measure 4.2-1), which are recommended for all projects whether or not construction-related emissions exceed the thresholds of significance. Therefore, construction emissions associated with the proposed project would not result in a cumulatively considerable impact to air quality.

Cumulative Operational Impacts

The BAAQMD *CEQA Air Quality Guidelines* do not include separate significance thresholds for cumulative operational emissions. However, the project's maximum daily operational emissions would exceed BAAQMD thresholds of significance for ROG and PM₁₀. It should be noted that the proposed BAAQMD thresholds are average daily or maximum annual thresholds. The *BAAQMD CEQA Air Quality Guidelines* note that the nature of air emissions is largely a cumulative impact. As a result, no single project is sufficient in size to, by itself, result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. BAAQMD developed the operational thresholds of significance based on the level above which a project's individual emissions would result in a cumulatively considerable contribution to the Basin's existing air quality conditions. Therefore, a project that exceeds the BAAQMD operational thresholds would also result in a cumulatively considerable impact. As depicted in Table 4.2-6, the proposed project's operational emissions would exceed BAAQMD thresholds for ROG and PM₁₀. Therefore, the proposed project, in conjunction with related cumulative projects would be cumulatively considerable. Despite the implementation of transportation demand management features (included as project design features), cumulative impacts would be significant and unavoidable.

Mitigation Measures: No feasible mitigation is available.

Level of Significance After Mitigation: Significant and Unavoidable Impact.

4.3 GREENHOUSE GAS EMISSIONS

This section evaluates greenhouse gas (GHG) emissions associated with the proposed project and analyzes project compliance with applicable regulations. Consideration of the project's consistency with applicable plans, policies, and regulations, as well as the introduction of new sources of GHG, is included in this section.

4.3.1 ENVIRONMENTAL SETTING

As stated in Section 4.2 (Air Quality), the California Air Resources Board (CARB) divides the state into 15 air basins that share similar meteorological and topographical features. The project site is located within the San Francisco Bay Area Air Basin (Basin). This Basin comprises all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo and Santa Clara counties, the southern portion of Sonoma County, and the southwestern portion of Solano County. Air quality in this area is determined by such natural factors as topography, meteorology and climate, in addition to the presence of existing air pollution sources and ambient conditions. These factors along with applicable regulations are discussed in Section 4.2 (Air Quality).

GLOBAL CLIMATE CHANGE GASES

The natural process through which heat is retained in the troposphere is called the “greenhouse effect.”¹ The greenhouse effect traps heat in the troposphere through a three fold process as follows: Short wave radiation emitted by the Sun is absorbed by the Earth; the Earth emits a portion of this energy in the form of long wave radiation; and GHGs in the upper atmosphere absorb this long wave radiation and emit it into space back toward the Earth. This “trapping” of the long wave (thermal) radiation emitted back toward the Earth is the underlying process of the greenhouse effect.

The most abundant GHGs are water vapor and carbon dioxide (CO₂). Many other trace gases have greater ability to absorb and re-radiate long wave radiation; however, these gases are not as plentiful. For this reason, and to gauge the potency of GHGs, scientists have established a Global Warming Potential (GWP) for each GHG based on its ability to absorb and re-radiate long wave radiation. The GWP of a gas is determined using CO₂ as the reference gas with a GWP of 1.

GHGs normally associated with the proposed project include the following:²

- *Water Vapor (H₂O)*. Although water vapor has not received the scrutiny of other GHGs, it is the primary contributor to the greenhouse effect. Natural processes, such as evaporation from oceans and rivers, and transpiration from plants, contribute 90 percent and ten percent of the water vapor in the atmosphere, respectively.

The primary human related source of water vapor comes from fuel combustion in motor vehicles; however, this is not believed to contribute a significant amount (less than one percent) to atmospheric concentrations of water vapor. The Intergovernmental Panel on Climate Change (IPCC) has not determined a GWP for water vapor.

¹ The troposphere is the bottom layer of the atmosphere, which varies in height from the Earth's surface to ten to 12 kilometers.

² All Global Warming Potentials are given as 100 year GWP. Unless noted otherwise, all Global Warming Potentials were obtained from the Intergovernmental Panel on Climate Change. Climate Change (Intergovernmental Panel on Climate Change, *Climate Change, The Science of Climate Change – Contribution of Working Group I to the Second Assessment Report of the IPCC*, 1996).

- Carbon Dioxide (CO₂). CO₂ is primarily generated by fossil fuel combustion in stationary and mobile sources. Due to the emergence of industrial facilities and mobile sources in the past 250 years, the concentration of CO₂ in the atmosphere has increased 35 percent.³ CO₂ is the most widely emitted GHG and is the reference gas for determining GWPs for other GHGs.
- Methane (CH₄). Methane is emitted from biogenic sources, incomplete combustion in forest fires, landfills, manure management, and leaks in natural gas pipelines. In the U.S., the top three sources of methane are landfills, natural gas systems, and enteric fermentation. Methane is the primary component of natural gas, which is used for space and water heating, steam production, and power generation. The GWP of methane is 21.
- Nitrous Oxide (N₂O). N₂O is produced by both natural and human related sources. Primary human related sources include agricultural soil management, animal manure management, sewage treatment, mobile and stationary combustion of fossil fuel, adipic acid production, and nitric acid production. The GWP of N₂O is 310.
- Hydrofluorocarbons (HFCs). HFCs are typically used as refrigerants for both stationary refrigeration and mobile air conditioning. The use of HFCs for cooling and foam blowing is growing, as the continued phase out of chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs) gains momentum. The GWP of HFCs range from 140 for HFC-152a to 11,700 for HFC-23.⁴
- Perfluorocarbons (PFCs). PFCs are compounds consisting of carbon and fluorine. They are primarily created as a byproduct of aluminum production and semi conductor manufacturing. PFCs are potent GHGs with a GWP several thousand times that of CO₂, depending on the specific PFC. Another area of concern regarding PFCs is their long atmospheric lifetime (up to 50,000 years).⁵ The GWP of PFCs range from 6,500 to 9,200.
- Sulfur hexafluoride (SF₆). SF₆ is a colorless, odorless, nontoxic, nonflammable gas. It is most commonly used as an electrical insulator in high voltage equipment that transmits and distributes electricity. PFCs is the most potent GHG that has been evaluated by the IPCC with a GWP of 23,900. However, its global warming contribution is not as high as the GWP would indicate due to its low mixing ratio compared to CO₂ (4 parts per trillion [ppt] in 1990 versus 365 parts per million [ppm], respectively).⁶

In addition to the six major GHGs discussed above (excluding water vapor), many other compounds have the potential to contribute to the greenhouse effect. Some of these substances were previously identified as stratospheric ozone (O₃) depletors; therefore, their gradual phase out is currently in effect. The following is a listing of these compounds:

- Hydrochlorofluorocarbons (HCFCs). HCFCs are solvents, similar in use and chemical composition to CFCs. The main uses of HCFCs are for refrigerant products and air conditioning systems. As part of the Montreal Protocol, all developed countries that adhere to the Montreal Protocol are subject to a consumption cap and gradual phase out of HCFCs. The U.S. is

³ U.S. Environmental Protection Agency, *Inventory of United States Greenhouse Gas Emissions and Sinks 1990 to 2004*, April 2006.

⁴ U.S. Environmental Protection Agency, *High GWP Gases and Climate Change*, June 22, 2010. <http://www.epa.gov/highgwp/scientific.html#hfc>

⁵ U.S. Environmental Protection Agency, *High GWP Gases and Climate Change*, June 22, 2010. <http://www.epa.gov/highgwp/scientific.html#pfc>

⁶ U.S. Environmental Protection Agency, *High GWP Gases and Climate Change*, June 22, 2010. <http://www.epa.gov/highgwp/scientific.html#sf6>

scheduled to achieve a 100 percent reduction to the cap by 2030. The GWPs of HCFCs range from 93 for HCFC-123 to 2,000 for HCFC-142b.⁷

- *1,1,1 trichloroethane*. 1,1,1 trichloroethane or methyl chloroform is a solvent and degreasing agent commonly used by manufacturers. The GWP of methyl chloroform is 110 times that of CO₂.⁸
- *Chlorofluorocarbons (CFCs)*. CFCs are used as refrigerants, cleaning solvents, and aerosols spray propellants. CFCs were also part of the EPA's Final Rule (57 FR 3374) for the phase out of O₃ depleting substances. Currently, CFCs have been replaced by HFCs in cooling systems and a variety of alternatives for cleaning solvents. Nevertheless, CFCs remain suspended in the atmosphere contributing to the greenhouse effect. CFCs are potent GHGs with GWPs ranging from 4,600 for CFC 11 to 14,000 for CFC 13.⁹

4.3.2 REGULATORY SETTING

FEDERAL

As set forth in Section 4.2.2, the U.S. Environmental Protection Agency (EPA) is responsible for implementing the Federal Clean Air Act (FCAA). The FCAA requires the EPA to define national ambient air quality standards (national standards) to protect public health and welfare in the U.S. The FCAA does not specifically regulate GHG emissions; however, on April 2, 2007, the U.S. Supreme Court in *Massachusetts v. U.S. Environmental Protection Agency*, determined that GHGs are pollutants that can be regulated under the FCAA. The EPA adopted an endangerment finding and cause or contribute finding for GHGs on December 7, 2009. The final findings were published in the Federal Register on December 15, 2009, under Docket ID No. EPA-HQ-OAR-2009-0171. The final rule was effective January 14, 2010.

Under the endangerment finding, the EPA Administrator found that the current and projected atmospheric concentrations of the six key well-mixed GHGs (CO₂, CH₄, N₂O, HFCs, PFCs and SF₆) threaten the public health and welfare of current and future generations. Under the cause or contribute finding, the EPA Administrator found that the combined emissions of these well-mixed GHGs from new motor vehicles and new motor vehicle engines contribute to the GHG pollution which threatens public health and welfare.

Based on these findings, on April 1, 2010, the EPA finalized the light-duty vehicle rule controlling GHG emissions. This rule confirmed that January 2, 2011, is the earliest date that a 2012 model year vehicle meeting these rule requirements may be sold in the U.S. On May 13, 2010, the EPA issued the final GHG Tailoring Rule. This rule set thresholds for GHG emissions that define when permits under the Prevention of Significant Deterioration and Title V Operating Permit programs are required for new and existing industrial facilities. Currently, EPA rules do not cover residential construction projects. Implementation of the federal rules is expected to reduce the level of emissions from new motor vehicles and large stationary sources.

⁷ U.S. Environmental Protection Agency, *Protection of Stratospheric Ozone: Listing of Global Warming Potential for Ozone Depleting Substances*, dated October 29, 2009. <http://www.epa.gov/EPA-AIR/1996/January/Day-19/pr-372.html>

⁸ Ibid.

⁹ U.S. Environmental Protection Agency, *Class I Ozone Depleting Substances*, August 19, 2010. <http://www.epa.gov/ozone/ods.html>

STATE OF CALIFORNIA

Various statewide and local initiatives to reduce California's contribution to GHG emissions have raised awareness that, even though the various contributors to and consequences of global climate change are not yet fully understood, global climate change is occurring, and that there is a real potential for severe adverse environmental, social, and economic effects in the long term. Every nation emits GHGs and as a result makes an incremental cumulative contribution to global climate change; therefore, global cooperation will be required to reduce the rate of GHG emissions enough to slow or stop the human-caused increase in average global temperatures and associated changes in climatic conditions.

There are currently no state regulations in California that establish ambient air quality standards for GHGs. However, California has passed laws directing CARB to develop actions to reduce GHG emissions, and several state legislative actions related to climate change and GHG emissions have come into play in the past decade.

Assembly Bill 1493. In 2002, then-Governor Gray Davis signed Assembly Bill (AB) 1493 (Chapter 200, Statutes of 2002, amending Section 42823 of the California Health and Safety Code and adding Section 43018.5 to the code). AB 1493 required CARB to develop and adopt, by January 1, 2005, regulations that achieve "the maximum feasible reduction of GHGs emitted by passenger vehicles and light-duty trucks and other vehicles determined by CARB to be vehicles whose primary use is noncommercial personal transportation in the State."

To meet the requirements of AB 1493, CARB approved amendments to the California Code of Regulations (CCR) in 2004 by adding GHG emissions standards to California's existing standards for motor vehicle emissions. Amendments to CCR Title 13, Sections 1900 and 1961 (13 CCR Section 1900, 1961), and adoption of Section 1961.1 (13 CCR Section 1961.1), require automobile manufacturers, beginning with the 2009 model year, to meet fleet-average GHG emissions limits for all passenger cars, light-duty trucks within various weight criteria, and medium-duty passenger vehicle weight classes (i.e., any medium-duty vehicle with a gross vehicle weight rating less than 10,000 pounds that is designed primarily for the transportation of persons). The regulations would reduce GHG emissions from California passenger vehicles by about 22 percent by 2012 and about 30 percent by 2016.¹⁰

In December 2004, a group of car dealerships, automobile manufacturers, and trade groups representing automobile manufacturers filed suit against CARB to prevent enforcement of 13 CCR Sections 1900 and 1961, as amended by AB 1493 and 13 CCR 1961.1 (*Central Valley Chrysler-Jeep et al. v. Catherine E. Witherspoon, in Her Official Capacity as Executive Director of the California Air Resources Board, et al.* [456 F.Supp.2d 1150, 1172, E.D. Cal. 2006]). The suit in the U.S. District Court for the Eastern District of California contended that California's implementation of regulations that regulate vehicle fuel economy would violate various federal laws, regulations, and policies.

In January 2007, the judge hearing the case accepted a request from the California Attorney General's office that the trial be postponed until a decision was reached by the U.S. Supreme Court on a separate case addressing GHGs. In the U.S. Supreme Court case, *Massachusetts v. U.S. Environmental Protection Agency*, the primary issue in question was whether the FCAA authorizes the EPA to regulate CO₂ emissions. The EPA contended that the FCAA does not authorize regulation of CO₂ emissions, whereas Massachusetts and ten other states, including California, sued the EPA to begin regulating CO₂. As mentioned above, the U.S. Supreme Court ruled on April 2, 2007, that GHGs are "air pollutants" as

¹⁰ California Air Resources Board, *Fact Sheet, Climate Change Emission Control Regulations*, http://www.arb.ca.gov/cc/ccms/factsheets/cc_newfs.pdf, accessed on September 21, 2010.

defined under the FCAA and that the EPA is granted authority to regulate CO₂ (*Massachusetts v. U.S. Environmental Protection Agency* [2007] 549 U.S. 05-1120).

On December 12, 2007, the U.S. District Court for the Eastern District of California rejected the automakers' claim by finding that if California receives appropriate authorization from the EPA (the last remaining factor in enforcing the standard), these regulations would be consistent with and have the force of federal law. This authorization to implement more stringent standards in California was requested in the form of a FCAA Section 209(b) waiver in 2005. Since that time, the EPA has failed to act in granting California authorization to implement the standards. Governor Schwarzenegger and Attorney General Edmund G. Brown, Jr. filed a suit against the EPA for the delay. The EPA denied California's request for the waiver to implement AB 1493 in late December 2007. California has filed a suit against the EPA for its decision to deny the FCAA waiver. On January 21, 2009, CARB submitted a letter to EPA Administrator Jackson regarding California's request to reconsider the waiver denial.¹¹ The EPA approved the waiver on June 30, 2009.¹²

Executive Order S-3-05. Governor Schwarzenegger established Executive Order S-3-05 in 2005, in recognition of California's vulnerability to the effects of climate change. Executive Order S-3-05 set forth a series of target dates by which statewide emissions of GHGs would be progressively reduced, as follows:

- By 2010, reduce GHG emissions to 2000 levels
- By 2020, reduce GHG emissions to 1990 levels
- By 2050, reduce GHG emissions to 80 percent below 1990 levels

The executive order directed the secretary of the Cal EPA to coordinate a multi-agency effort to reduce GHG emissions to the target levels. The secretary will also submit biannual reports to the governor and California Legislature describing the progress made toward the emissions targets, the impacts of global climate change on California's resources, and mitigation and adaptation plans to combat these impacts. To comply with the executive order, the secretary of Cal/EPA created the California Climate Action Team (CAT), made up of members from various state agencies and commissions. The team released its first report in March 2006. The report proposed to achieve the targets by building on the voluntary actions of California businesses, local governments, and communities and through state incentive and regulatory programs.

Assembly Bill 32 (California Global Warming Solutions Act of 2006). California passed the California Global Warming Solutions Act of 2006 (AB 32; California Health and Safety Code Division 25.5, Sections 38500 - 38599). AB 32 establishes regulatory, reporting, and market mechanisms to achieve quantifiable reductions in GHG emissions and establishes a cap on statewide GHG emissions. AB 32 requires that statewide GHG emissions be reduced to 1990 levels by 2020. This reduction will be accomplished by enforcing a statewide cap on GHG emissions that will be phased in starting in 2012. To effectively implement the cap, AB 32 directs CARB to develop and implement regulations to reduce statewide GHG emissions from stationary sources. AB 32 specifies that regulations adopted in response to AB 1493 should be used to address GHG emissions from vehicles. However, AB 32 also includes language stating that if the AB 1493 regulations cannot be implemented, then CARB should develop new regulations to control vehicle GHG emissions under the authorization of AB 32.

¹¹ California Air Resources Board, <http://www.arb.ca.gov/newsrel/arbwaiverrequest.pdf>, accessed on September 21, 2010.

¹² U.S. Environmental Protection Agency, <http://www.epa.gov/otaq/climate/ca-waiver.htm>, accessed on September 21, 2010.

AB 32 requires CARB to adopt a quantified cap on GHG emissions representing 1990 emissions levels and disclose how it arrived at the cap; institute a schedule to meet the emissions cap; and develop tracking, reporting, and enforcement mechanisms to ensure that the state reduces GHG emissions enough to meet the cap. AB 32 also includes guidance on instituting emissions reductions in an economically efficient manner, along with conditions to ensure that businesses and consumers are not unfairly affected by the reductions. Using this criteria to reduce statewide GHG emissions to 1990 levels by 2020 would represent an approximate 25 to 30 percent reduction in current emissions levels. However, CARB has discretionary authority to seek greater reductions in more significant and growing GHG sectors, such as transportation, as compared to other sectors that are not anticipated to significantly increase emissions. Under AB 32, CARB must adopt regulations by January 1, 2011, to achieve reductions in GHGs to meet the 1990 emission cap by 2020.

Senate Bill 1368. Senate Bill (SB) 1368 (Chapter 598, Statutes of 2006) is the companion bill of AB 32 and was signed by Governor Schwarzenegger in September 2006. SB 1368 required the California Public Utilities Commission (CPUC) to establish a performance standard for baseload generation of GHG emissions by investor-owned utilities by February 1, 2007. SB 1368 also required California Energy Commission (CEC) to establish a similar standard for local publicly owned utilities by June 30, 2007. These standards cannot exceed the GHG emissions rate from a baseload combined-cycle, natural gas-fired plant. Furthermore, the legislation states that all electricity provided to California, including imported electricity, must be generated by plants that meet the standards set by CPUC and CEC.

Executive Order S-1-07. Executive Order S-1-07, which was signed by Governor Schwarzenegger in 2007, proclaims that the transportation sector is the main source of GHG emissions in California, generating more than 40 percent of statewide emissions. It establishes a goal to reduce the carbon intensity of transportation fuels sold in California by at least ten percent by 2020. This order also directs CARB to determine whether this Low Carbon Fuel Standard (LCFS) could be adopted as a discrete early-action measure as part of the effort to meet the mandates in AB 32.

On April 23, 2009 CARB approved the proposed regulation to implement the LCFS. The LCFS will reduce GHG emissions from the transportation sector in California by about 16 million metric tons (MMT) in 2020. The LCFS is designed to reduce California's dependence on petroleum, create a lasting market for clean transportation technology, and stimulate the production and use of alternative, low-carbon fuels in California. The LCFS is designed to provide a durable framework that uses market mechanisms to spur the steady introduction of lower carbon fuels. The framework establishes performance standards that fuel producers and importers must meet each year beginning in 2011. One standard is established for gasoline and the alternative fuels that can replace it. A second similar standard is set for diesel fuel and its replacements.

The standards are "back-loaded"; that is, there are more reductions required in the last five years, than the first five years. This schedule allows for the development of advanced fuels that are lower in carbon than today's fuels and the market penetration of plug-in hybrid electric vehicles, battery electric vehicles, fuel cell vehicles, and flexible fuel vehicles. It is anticipated that compliance with the LCFS will be based on a combination of strategies involving lower carbon fuels and more efficient, advanced-technology vehicles.

Senate Bill 97. SB 97, signed August 2007 (Chapter 185, Statutes of 2007; PRC Sections 21083.05 and 21097), acknowledges that climate change is a prominent environmental issue that requires analysis under CEQA. This bill directs the Governor's Office of Planning and Research (OPR), which is part of the state Resources Agency, to prepare, develop, and transmit to CARB guidelines for the feasible mitigation of GHG emissions (or the effects of GHG emissions), as required by CEQA, by July 1, 2009. The

Resources Agency is required to certify and adopt those guidelines by January 1, 2010. SB 97 also removes, both retroactively and prospectively, the legitimacy of litigation alleging inadequate CEQA analysis of effects of GHG emissions in the environmental review of projects funded by the Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act of 2006 or the Disaster Preparedness and Flood Protection Bond Act of 2006 (Proposition 1B or 1E). This provision will be repealed by operation of law on January 1, 2010; at that time, any such projects that remain unapproved will no longer be protected against litigation claims of failure to adequately address climate change issues. In the future, this bill will only protect a handful of public agencies from CEQA challenges on certain types of projects, and only for a few years time.

As set forth more fully below, in June 2008, OPR published a technical advisory recommending that CEQA lead agencies make a good-faith effort to estimate the quantity of GHG emissions that would be generated by a proposed project. Specifically, based on available information, CEQA lead agencies should estimate the emissions associated with project-related vehicular traffic, energy consumption, water usage, and construction activities to determine whether project-level or cumulative impacts could occur, and should mitigate the impacts where feasible.¹³ OPR requested CARB technical staff to recommend a method for setting CEQA thresholds of significance as described in Section 15064.7 of the *CEQA Guidelines* that will encourage consistency and uniformity in the CEQA analysis of GHG emissions throughout the state.

On December 30, 2009, the Resources Agency adopted the *CEQA Guidelines* Amendments prepared by OPR, as directed by SB 97. On February 16, 2010, the Office of Administration Law approved the *CEQA Guidelines* Amendments, and filed them with the Secretary of State for inclusion in the California Code of Regulations. The *CEQA Guidelines* Amendments became effective on March 18, 2010.

Senate Bills 1078 and 107 and Executive Order S-14-08. SB 1078 (Chapter 516, Statutes of 2002) requires retail sellers of electricity, including investor-owned utilities and community choice aggregators, to provide at least 20 percent of their supply from renewable sources by 2017. SB 107 (Chapter 464, Statutes of 2006) changed the target date to 2010. In November 2008, Governor Schwarzenegger signed Executive Order S-14-08, which expands the state's Renewable Energy Standard to 33 percent renewable power by 2020.¹⁴ Additionally, Executive Order S-21-09 (signed on September 15, 2009) directs CARB to adopt regulations requiring 33 percent of electricity sold in the state come from renewable energy by 2020. CARB adopted the "Renewable Electricity Standard" on September 23, 2010, which requires 33 percent renewable energy by 2020 for most publicly owned electricity retailers.

Senate Bill 375. SB 375, signed in September 2008 (Chapter 728, Statutes of 2008), aligns regional transportation planning efforts, regional GHG reduction targets, and land use and housing allocation. SB 375 requires Metropolitan Planning Organizations (MPOs) to adopt a sustainable communities strategy (SCS) or alternative planning strategy (APS) that will prescribe land use allocation in that MPOs regional transportation plan. CARB, in consultation with MPOs, will provide each affected region with reduction targets for GHGs emitted by passenger cars and light trucks in the region for the years 2020 and 2035. These reduction targets will be updated every 8 years but can be updated every four years if advancements in emissions technologies affect the reduction strategies to achieve the targets. CARB is also charged with reviewing each MPO's SCS or APS for consistency with its assigned targets. If MPOs do not meet the GHG reduction targets, transportation projects may not be eligible for funding programmed after January 1, 2012.

¹³ Governor's Office of Planning and Research (OPR), *CEQA and Climate Change: Addressing Climate Change Through California Environmental Quality Act (CEQA) Review*, June 19, 2008.

¹⁴ Office of the Governor, *Press Release: Governor Schwarzenegger Advances State's Renewable Energy Development*, <http://gov.ca.gov/press-release/11073/>, accessed on September 21, 2010.

This law also extends the minimum time period for the regional housing needs allocation cycle from five years to eight years for local governments located within an MPO that meets certain requirements. City or County land use policies (including general plans) are not required to be consistent with the regional transportation plan (and associated SCS or APS). However, new provisions of CEQA would incentivize (through streamlining and other provisions) qualified projects that are consistent with an approved SCS or APS, categorized as “transit priority projects.”

The proposed project is located within the Metropolitan Transportation Commission (MTC) region. MTC has authority to develop its own SCS and APS. However, lack of state funding may undermine local efforts. For the MTC region, the current RTP is the *Transportation 2035 Plan for the San Francisco Bay Area* (dated April 2009). The next RTP is expected to occur around 2014. Therefore, implementation of an SCS or APS would not be expected to occur for at least three years.

CARB Scoping Plan

On December 11, 2008, CARB adopted its Scoping Plan, which functions as a roadmap of CARB’s plans to achieve GHG reductions in California required by AB 32 through subsequently enacted regulations.¹⁵ CARB’s Scoping Plan contains the main strategies California will implement to reduce CO₂ equivalent (CO₂eq)¹⁶ emissions by 174 MMT, or approximately 30 percent, from the state’s projected 2020 emissions level of 596 MMT of CO₂eq under a business as usual (BAU)¹⁷ scenario (This is a reduction of 42 MMT CO₂eq, or almost ten percent, from 2002 to 2004 average emissions, but requires the reductions in the face of population and economic growth through 2020).

CARB’s Scoping Plan calculates 2020 BAU emissions as the emissions that would be expected to occur in the absence of any GHG reduction measures. The 2020 BAU emissions estimate was derived by projecting emissions from a past baseline year using growth factors specific to each of the different economic sectors, e.g. transportation, electrical power, commercial and residential, industrial, etc. CARB used three-year average emissions, by sector, for 2002-2004 to forecast emissions to 2020. At the time CARB’s Scoping Plan process was initiated, 2004 was the most recent year for which actual data was available.¹⁸ The measures described in CARB’s Scoping Plan are intended to reduce the projected 2020 BAU to 1990 levels, as required by AB 32.

CARB’s Scoping Plan also breaks down the amount of GHG emissions reductions CARB recommends for each emissions sector of the state’s GHG inventory. CARB’s Scoping Plan calls for the largest reductions in GHG emissions to be achieved by implementing the following measures and standards:

- Improved emissions standards for light-duty vehicles (estimated reductions of 31.7 MMT CO₂eq)
- The LCFS (15.0 MMT CO₂eq)
- Energy efficiency measures in buildings and appliances, and the widespread development of combined heat and power systems (26.3 MMT CO₂eq)
- A renewable portfolio standard for electricity production (21.3 MMT CO₂eq)

¹⁵ California Air Resources Board, *Climate Change Scoping Plan, A Framework for Change*, December 2008.

¹⁶ Carbon Dioxide Equivalent (CO₂e) - A metric measure used to compare the emissions from various greenhouse gases based upon their global warming potential.

¹⁷ “Business as Usual” refers to emissions that would be expected to occur in the absence of GHG reductions. See <http://www.arb.ca.gov/cc/inventory/data/forecast.htm>. Note that there is significant controversy as to what BAU means. In determining the GHG 2020 limit, CARB used the above as the “definition.” It is broad enough to allow for design features to be counted as reductions.

¹⁸ California Air Resources Board, *Greenhouse Gas Inventory 2020*, <http://www.arb.ca.gov/cc/inventory/data/forecast.htm>, accessed on November 9, 2010.

CARB has identified a GHG reduction target of five MMT (of the 174 MMT total) for local land use changes (Table 2 of CARB's Scoping Plan), by Implementation of Reduction Strategy T-3 regarding Regional Transportation-Related GHG Targets. Additional land use reductions may be achieved as SB 375 is implemented. CARB's Scoping Plan states that successful implementation of the plan relies on local governments' land use, planning, and urban growth decisions because local governments have primary authority to plan, zone, approve, and permit land development to accommodate population growth and the changing needs of their jurisdictions. CARB further acknowledges that decisions on how land is used will have large effects on the GHG emissions that will result from the transportation, housing, industry, forestry, water, agriculture, electricity, and natural gas emission sectors. CARB's Scoping Plan does not include any direct discussion about GHG emissions generated by construction activity.

4.3.3 IMPACT ANALYSIS

THRESHOLDS OF SIGNIFICANCE

BAAQMD Thresholds

Under CEQA, the BAAQMD is an expert commenting agency on air quality and GHG emissions within its jurisdiction or impacting its jurisdiction. The BAAQMD reviews projects to ensure that they would: (1) support the primary goals of the latest Air Quality Plan; (2) include applicable control measures from the Air Quality Plan; and (3) not disrupt or hinder implementation of any Air Quality Plan control measures.

In June 2010, the BAAQMD adopted their *CEQA Air Quality Guidelines* to assist lead agencies in evaluating air quality impacts of projects and plans proposed in the Basin. The *CEQA Air Quality Guidelines* provide BAAQMD-recommended procedures for evaluating potential air quality and GHG impacts during the environmental review process consistent with CEQA requirements. In addition to providing new thresholds for GHG emissions, the revised *CEQA Air Quality Guidelines* provide updated significance thresholds for criteria pollutants and supersede the BAAQMD's previous CEQA guidance titled *BAAQMD CEQA Guidelines: Assessing the Air Quality Impacts of Projects and Plans* (1999).

The BAAQMD's approach to developing a threshold of significance for GHG emissions is to identify the emissions level for which a project would not be expected to substantially conflict with existing California legislation adopted to reduce statewide GHG emissions needed to move us towards climate stabilization. If a project would generate GHG emissions above the threshold level, it would be considered to contribute substantially to a cumulative impact, and would be considered significant.

Stationary-source projects include land uses that would accommodate processes and equipment that emit GHG emissions and would require an Air District permit to operate. If annual emissions of operational-related GHGs exceed these levels, the proposed project would result in a cumulatively considerable contribution of GHG emissions and a cumulatively significant impact to global climate change. Table 4.3-1 (BAAQMD GHG Thresholds) presents the June 2010 adopted project-level thresholds for GHG emissions.

**Table 4.3-1
 BAAQMD GHG Thresholds**

Project Type	Construction-Related	Operational-Related
Projects other than Stationary Sources ¹	None	Compliance with Qualified Climate Action Plan OR 1,100 MTCO ₂ eq/yr OR 4.6 MTCO ₂ eq/SP ² /yr
Stationary Sources ¹	None	10,000 MTCO ₂ eq/yr
MTCO ₂ eq/yr = metric tons of CO ₂ equivalent per year		
Notes:		
1: According to the BAAQMD CEQA Guidelines, a stationary source project is one that includes land uses that would accommodate processes and equipment that emit GHG emissions and would require a BAAQMD permit to operate. Projects other than stationary sources are land use development projects including residential, commercial, industrial, and public uses that do not require a BAAQMD permit to operate.		
2: SP = service population (residents + employees)		
Source: Bay Area Air Quality Management District, <i>CEQA Air Quality Guidelines</i> , June 2010.		

The BAAQMD does not have an adopted threshold of significance for construction-related GHG emissions. However, the BAAQMD *CEQA Air Quality Guidelines* recommend quantification and disclosure of construction GHG emissions. The BAAQMD also recommends that the lead agency should make a determination on the significance of these construction generated GHG emission impacts in relation to meeting AB 32 GHG reduction goals, as required by the Public Resources Code, Section 21082.2. The lead agency is encouraged to incorporate best management practices to reduce GHG emissions during construction, as feasible and applicable.

CEQA Thresholds

According to Appendix G of the *CEQA Guidelines*, the proposed project would have a significant environmental impact related to GHG emissions if it causes one or more of the following to occur:

- Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment
- Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

POTENTIAL IMPACTS AND MITIGATION MEASURES

Greenhouse Gas Emissions Impacts

4.3-1 THE PROPOSED PROJECT WOULD GENERATE GREENHOUSE GAS EMISSIONS THAT COULD HAVE AN IMPACT ON THE ENVIRONMENT.

Level of Significance Before Mitigation: Less Than Significant Impact.

Impact Analysis:

Business As Usual Greenhouse Gas Emissions

Direct project-related GHG emissions include emissions from construction activities, area sources and mobile sources. Table 4.3-2 (Business As Usual Greenhouse Gas Emissions Projections) presents the estimated CO₂, N₂O and CH₄ emissions without the incorporation of project design features discussed

later in this section. GHG emissions from project construction would result in a total of 817.08 metric tons of CO₂ equivalent (MTCO₂eq). There are not any adopted BAAQMD thresholds for GHG's associated with construction activities.

The URBEMIS 2007 computer model outputs contained within Appendix C (Air Quality and Greenhouse Gas Data) were used to calculate mobile source CO₂ emissions for the proposed project. The URBEMIS 2007 model relies upon trip data within the *Traffic Impact Analysis* as set forth in Section 4.4 (Transportation/Traffic) and project specific land use data to calculate emissions. Estimations are based on energy emissions from natural gas usage, as well as automobile emissions. URBEMIS2007 model outputs were used in conjunction with the BAAQMD Greenhouse Gas Model (BGM) (Version 1.1.9) to calculate GHG emissions for area sources and natural gas. GHGs associated with area sources, natural gas and mobile sources would be 0.23 MTCO₂eq/yr, 1022.19 MTCO₂eq/yr, and 12,919.01 MTCO₂eq/yr, respectively. Total project-related direct operational emissions would result in 13,941.43 MTCO₂eq/yr.

**Table 4.3-2
Business As Usual Greenhouse Gas Emissions Projections**

Source	CO ₂	N ₂ O		CH ₄		Total Metric Tons of CO ₂ eq
	Metric Tons/year	Metric Tons/year	Metric Tons of CO ₂ eq	Metric Tons/year	Metric Tons of CO ₂ eq	
Direct Emissions						
▪ Area Source ¹	0.23	0	0	0	0	0.23
▪ Natural Gas ¹	1,019.58	0	0	0.10	2.61	1,022.19
▪ Mobile Source ¹	12,919.01	--	--	--	--	12,919.01
Total Direct Emissions³	13,938.82	0	0	0.10	2.61	13,941.43
Indirect Emissions						
▪ Electricity Consumption ¹	2,133.30	0.01	3.0	0.02	0.42	2,136.72
▪ Water and Wastewater ¹	32.21	0	0	0	0	32.26
▪ Solid Waste ¹	2.82	--	--	18.22	382.72	385.54
Total Indirect Emissions²	2,168.33	0.01	3.0	18.24	383.14	2,554.52
Total Business As Usual Project-Related Emissions	16,495.95 MTCO₂eq/year					
Notes:						
1 – Emissions calculated using URBEMIS 2007 computer model and the BAAQMD Greenhouse Gas Model (BGM) (Version 1.1.9).						
2 – Totals may be slightly off due to rounding.						
Refer to Appendix C for detailed model input/output data.						

Indirect Project Related Sources of Greenhouse Gases. Indirect project-related GHG emissions include emissions from consumption of electricity, natural gas and water, as well as wastewater and solid waste generation. Indirect GHG emissions were calculated for the proposed project using BGM and URBEMIS2007. Electricity consumption would indirectly result in 2,136.72 MTCO₂eq/yr; water and wastewater would result in 32.26 MTCO₂eq/yr; and solid waste generation would result in 385.54 MTCO₂eq/yr (refer to Table 4.3-2).

Total Project-Related Sources of Greenhouse Gases. The total amount of project-related GHG emissions without accounting for any project design features that would reduce GHG emissions from direct and indirect sources combined would total 16,495.95 MTCO₂eq/yr.

Consistency with BAAQMD Greenhouse Gas Mitigation Measures

The proposed project would incorporate several design features that are also consistent with the BAAQMD mitigation measures to reduce GHG emissions. A list of the BAAQMD mitigation measures contained in the BAAQMD’s *CEQA Air Quality Guidelines* (June 2010) and the project’s compliance with each applicable measure is included in Table 4.3-3 (Project Consistency with BAAQMD Greenhouse Gas Mitigation Measures). The proposed project would incorporate sustainable practices which include water, energy, solid waste, land use and transportation efficiency measures. Table 4.3-3 also identifies the associated scaled percent reduction and applicable sector based on the project’s consistency with the BAAQMD mitigation measures. The reductions have been based on BAAQMD methodology presented in the BAAQMD’s *CEQA Air Quality Guidelines*.

**Table 4.3-3
Project Consistency with BAAQMD Greenhouse Gas Mitigation Measures**

Project Design Feature	Project Applicability	Percent Reduction/Sector
Transportation Demand Management		
Daily Parking Charge	Compliant. There would be parking charges for on-campus parking	4.17 (transportation)
Secure Bike Parking (at least one space per 20 vehicle spaces)	Compliant. The proposed project would include bicycle storage and other facilities for bicycle riders. However, the exact ratio is not known at this time. Therefore, no reduction for this measure has been taken.	
Information Provided on Transportation Alternatives (Bus Schedules, Maps)	Compliant. Schedules and maps for transportation alternatives would be available throughout the campus.	
Preferential Carpool/Vanpool Parking	Compliant. Parking spaces would be reserved for carpool/vanpools.	
Area Source Measures		
Increase Energy Efficiency Beyond Title 24	Compliant. The buildings associated with the proposed project would exceed Title 24 by ten percent. The baseline for this standard would be the 2010 California Green Building Standards, which are effective January 1, 2011.	10 (natural gas)
Plant shade trees within 40 feet of the south side or within 60 feet of the west sides of properties	Compliant. The landscape design of the proposed project would include shade trees along the buildings and in open space areas.	30 (electricity)
Require cool roof materials (albedo >=30)	Compliant. The project would use highly reflective roof materials (albedo of at least 30) to reduce cooling load.	34 (electricity)
Require smart meters and programmable thermostats	Compliant. The project would install smart meters and energy management system controls for lighting, heating and cooling equipment.	5 (electricity)
HVAC duct sealing	Compliant. The project would seal heating, ventilation and air conditioning (HVAC) ducts to reduce energy loss.	30 (electricity)
Total Scaled Reduction		16.7
Notes:		
1. BAAQMD reductions are presented in percentage ranges for specific sectors (i.e., transportation, natural gas). Each sector's reduction percentages are scaled proportionally to their sector of the project-generated emissions. For example, transportation emissions account for 78 percent of the total emissions, and a 4.17 percent reduction would apply to transportation related emissions. Therefore, the reduction is calculated by multiplying 0.78 by 0.0417 for a scaled reduction of 0.0325. This was completed for each sector. The total emissions reduction applied to the project is a sum of the scaled sector reduction percentages (40.8 percent).		

BAAQMD Sector Reduction Methodology

The BAAQMD provides GHG reduction measures and associated reduction percentages in their *CEQA Air Quality Guidelines*. Reductions are presented in percentage ranges for each measure and apply specifically to mobile, electricity and natural gas sectors. Reductions from BAAQMD measures are scaled proportionally to their sector of project-generated emissions. For example, if a measure would result in a 4.17 percent reduction in transportation-related emissions, and transportation accounts for 78 percent of the total emissions, then the scaled reduction would be 3.25 percent ($0.0417 \times 0.78 = 0.0325$). This process is completed for each sector. The total emission reductions are summed and applied to the overall total project-related GHG emissions. As presented in Table 4.3-3 and Table 4.3-4 (Greenhouse Gas Emissions with BAAQMD Sector Reductions), the overall reduction percentages total 16.7 percent. Applying the BAAQMD reduction percentages, GHG emissions from the proposed project would be reduced to 13,730.44 MTCO₂eq/yr, which equates to 2.70 MTCO₂eq/SP/yr. A service population of 5,080 was used for the proposed project, which includes 5,000 students and 80 full-time faculty and staff. It should be noted that URBEMIS2007 and BGM do not calculate emissions reductions for the energy efficiency measures included in Table 4.3-3. Therefore, these reductions were calculated separately based on the BAAQMD *CEQA Air Quality Guidelines*. Therefore, the project would not exceed the 4.6 MTCO₂eq/SP/yr threshold utilizing the BAAQMD scaled reduction methodology.

**Table 4.3-4
Greenhouse Gas Emissions with BAAQMD Sector Reductions**

Source	CO ₂	N ₂ O		CH ₄		Total Metric Tons of CO ₂ eq/yr ⁴	Total MTCO ₂ eq/yr After Scaled Sector Reductions (16.7%) ^{4,5}
	Metric Tons/yr	Metric Tons/yr	Metric Tons of CO ₂ eq/yr ⁴	Metric Tons/yr	Metric Tons of CO ₂ eq/yr ⁴		
Direct Emissions							
Area Source	0.23	0	0	0	0	0.23	0.23
Natural Gas	1,019.58	0	0	0.10	2.61	1,022.19	919.71
Transportation ³	12,919.01	--	--	--	--	12,919.01	12,380.72
Total Direct Emissions	13,938.82	0	0	0.10	2.61	13,941.43	13,300.66
Indirect Emissions							
Electricity	2,133.30	0.01	3.0	0.02	0.42	2,136.72	21.37 ⁶
Water & Wastewater	32.21	0	0	0	0	32.26	32.20
Solid Waste	2.82	--	--	18.22	382.72	385.54	376.21
Total Indirect Emissions	2,168.33	0.01	3.0	18.24	383.14	2,554.52	429.78
Total Project-Related GHG Emissions <u>WITH</u> 16.7% Reductions ^{1,2}	13,730.44 MTCO ₂ eq/yr = 2.70 MTCO ₂ eq/SP/yr						
GHG Threshold of Significance	4.6 MTCO₂eq/SP/yr						
Notes:							
1. Total project-related GHG emissions = total direct emissions + total indirect emissions (in MTCO ₂ eq/yr).							
2. SP = service population. The SP for the project is assumed to be 5,000 students and 80 full time faculty and staff. The total project-related GHG emissions were divided by the SP of 5,080 for the annual GHG emissions per SP.							
3. Transportation demand management reductions were applied in the URBEMIS model to reduce the project VMT. Refer to Table 4.3-3 and Appendix C.							
4. Totals may be off due to rounding.							
5. BAAQMD reductions are presented in percentage ranges for specific sectors (i.e., transportation, natural gas). Each sector's reduction percentages are scaled proportionally to their sector of the project-generated emissions. For example, transportation emissions account for 73 percent of the total emissions, and a 4.17 percent reduction would apply to transportation related emissions. Therefore, the reduction is calculated by multiplying 0.78 by 0.0417 for a scaled reduction of 0.033. This was completed for each sector. The total emissions reduction applied to the project is a sum of the scaled sector reduction percentages (16.7 percent).							

6. Electricity emissions reductions are based on the reductions provided BAAQMD *CEQA Air Quality Guidelines*. URBEMIS2007 and BGM do not calculate emissions reductions for the energy efficiency measures included in Table 4.3-3.
Source: Bay Area Air Quality Management District Greenhouse Gas Model (BGM), Version 1.1.9.

Consistency with the CARB Scoping Plan

By incorporating several project design features that are intended to reduce GHG emissions, the proposed project would be consistent with measures and recommended actions identified in the CARB Scoping Plan. A complete list of CARB Scoping Plan Measures/Recommended Actions needed to obtain AB 32 goals, as well as the Governor’s Executive Order, are referenced in Table 4.3-5 (Recommended Actions for Climate Change Proposed Scoping Plan). Of the 39 measures identified, those that would be considered to be applicable to the proposed project would primarily be those actions related to electricity and natural gas use and water conservation. Consistency of the proposed project with these measures is evaluated by each source-type measure below. Table 4.3-5 identifies which CARB Recommended Action applies to the proposed project, and of those, whether the proposed project is consistent therewith.

**Table 4.3-5
Recommended Actions for Climate Change Proposed Scoping Plan**

ID #	Sector	Strategy Name	Applicable to Project?	Will Project Conflict With Implementation?
T-1	Transportation	Pavley I and II – Light-Duty Vehicle GHG Standards	No	No
T-2	Transportation	Low Carbon Fuel Standard (Discrete Early Action)	No	No
T-3	Transportation	Regional Transportation-Related GHG Targets	Yes	No
T-4	Transportation	Vehicle Efficiency Measures	No	No
T-5	Transportation	Ship Electrification at Ports (Discrete Early Action)	No	No
T-6	Transportation	Goods-movement Efficiency Measures	No	No
T-7	Transportation	Heavy Duty Vehicle Greenhouse Gas Emission Reduction Measure – Aerodynamic Efficiency (Discrete Early Action)	No	No
T-8	Transportation	Medium and Heavy-Duty Vehicle Hybridization	No	No
T-9	Transportation	High Speed Rail	No	No
E-1	Electricity and Natural Gas	Increased Utility Energy efficiency programs More stringent Building and Appliance Standards	Yes	No
E-2	Electricity and Natural Gas	Increase Combined Heat and Power Use by 30,000GWh	No	No
E-3	Electricity and Natural Gas	Renewable Portfolio Standard	No	No
E-4	Electricity and Natural Gas	Million Solar Roofs	No	No
CR-1	Electricity and Natural Gas	Energy Efficiency	Yes	No
CR-2	Electricity and Natural Gas	Solar Water Heating	No	No
GB-1	Green Buildings	Green Buildings	Yes	No
W-1	Water	Water Use Efficiency	Yes	No
W-2	Water	Water Recycling	No	No
W-3	Water	Water System Energy Efficiency	No	No
W-4	Water	Reuse Urban Runoff	No	No
W-5	Water	Increase Renewable Energy Production	No	No
W-6	Water	Public Goods Charge (Water)	No	No
I-1	Industry	Energy Efficiency and Co-benefits Audits for Large Industrial Sources	No	No
I-2	Industry	Oil and Gas Extraction GHG Emission Reduction	No	No
I-3	Industry	GHG Leak Reduction from Oil and Gas Transmission	No	No

ID #	Sector	Strategy Name	Applicable to Project?	Will Project Conflict With Implementation?
I-4	Industry	Refinery Flare Recovery Process Improvements	No	No
I-5	Industry	Removal of Methane Exemption from Existing Refinery Regulations	No	No
RW-1	Recycling and Waste Management	Landfill Methane Control (Discrete Early Action)	No	No
RW-2	Recycling and Waste Management	Additional Reductions in Landfill Methane – Capture Improvements	No	No
RW-3	Recycling and Waste Management	High Recycling/Zero Waste	Yes	No
F-1	Forestry	Sustainable Forest Target	No	No
H-1	High Global Warming Potential Gases	Motor Vehicle Air Conditioning Systems (Discrete Early Action)	No	No
H-2	High Global Warming Potential Gases	SF ₆ Limits in Non-Utility and Non-Semiconductor Applications (Discrete Early Action)	No	No
H-3	High Global Warming Potential Gases	Reduction in Perfluorocarbons in Semiconductor Manufacturing (Discrete Early Action)	No	No
H-4	High Global Warming Potential Gases	Limit High GWP Use in Consumer Products (Discrete Early Action, Adopted June 2008)	No	No
H-5	High Global Warming Potential Gases	High GWP Reductions from Mobile Sources	No	No
H-6	High Global Warming Potential Gases	High GWP Reductions from Stationary Sources	No	No
H-7	High Global Warming Potential Gases	Mitigation Fee on High GWP Gases	No	No
A-1	Agriculture	Methane Capture at Large Dairies	No	No

Source: California Air Resources Board, *Assembly Bill 32 Scoping Plan*, 2008.

Transportation. Action T-3 is based on the requirements of SB 375, which establishes mechanisms for the development of regional targets for reducing passenger vehicle GHG emissions. Through the SB 375 process, regions will work to integrate development patterns and the transportation network in a way that achieves the reduction of GHG emissions while meeting housing needs and other regional planning objectives. SB 375 required CARB to develop, in consultation with the MTC, passenger vehicle GHG emissions reduction targets for 2020 and 2035 by September 30, 2010. CARB released draft targets on June 30, 2010. The MTC regional target is to reduce GHG emissions by seven percent by 2020. As identified above, the proposed project would incorporate energy efficiency and transportation demand measures, which would contribute to the MTC reduction goal. Therefore, the proposed project would be consistent with Action T-3.

Electricity and Natural Gas. Action E-1 aims to reduce electricity demand by increased efficiency of utility energy programs and adoption of more stringent building and appliance standards. The proposed project would incorporate shade trees, as well as energy efficient lighting, heating and cooling systems, appliances, and equipment and control systems. Highly reflective roof materials (albedo of at least 30) would be installed on the proposed building to reduce cooling load. Therefore, the proposed project would help implement and would not conflict with Action E-1.

Recommended Action CR-1 refers to energy efficiency. Key energy efficiency strategies would include codes and standards, existing buildings, improved utility programs, solar water heating, and combined heat and power, among others. The project proposes to exceed Title 24 of the *California Administrative*

Code by ten percent and would utilize energy-efficient smart meters and programmable thermostats. Therefore, the proposed project would not obstruct implementation of Action CR-1.

Green Buildings. Recommended Action GB-1 expands the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings. The proposed project would comply with the 2010 California Green Building Code (effective January 1, 2011), which includes provisions to increase energy efficiency, water and resource conservation, reduce long-term building operating costs, improve indoor air quality, and contribute to meeting state and local commitments to reduce GHG emissions. The proposed project would also incorporate energy efficiency design features, such as shade trees and energy efficient fixtures. Therefore, the proposed project would not obstruct implementation of Action GB-1.

Water Use. Recommended Action W-1 pertains to implementation of water use efficiency measures. The project proposes to incorporate water-efficient buildings and landscapes into the project design. Buildings would include water-efficient fixtures and appliances to reduce water use. Additionally, the project would comply with the water conservation standards within Section 17.63.008 (Landscape Standards) of the City's *Municipal Code*. The proposed project would be consistent with and would not obstruct this recommended action.

Recycling and Waste Management. RW-3 relates to high recycling/zero waste and would apply to the proposed project. The proposed project would provide interior and exterior storage areas for recyclables in public areas. The proposed project would comply with Recommended Action RW-3.

Conclusion

As shown in Table 4.3-2, the proposed project's operational-related emissions would be 16,523.19 MTCO₂eq/yr without reductions from project design features. URBEMIS2007 and BGM were used to quantify GHG emissions reductions associated with project design features from project operations. Additional emissions reductions from energy efficiency measures were calculated based on the BAAQMD *CEQA Air Quality Guidelines*. With implementation of project design features, the project would incorporate sustainable practices which include water, energy, solid waste and transportation efficiency measures that are summarized in Table 4.3-3. Based on the reduction measures in Table 4.3-3, the proposed project would reduce its GHG emissions 16.7 percent below the business as usual scenario, and would reduce the project's operational GHG emissions to 13,730.44 MTCO₂eq/yr (including amortized construction emissions). The project would have a service population of 5,080 students and faculty and the total GHG emissions after reductions would equate to 2.70 MTCO₂eq/SP/yr. Therefore, the project would not exceed the 4.6 MTCO₂eq/SP/yr threshold utilizing the BAAQMD scaled reduction methodology.

Mitigation Measures: No mitigation is required.

Level of Significance After Mitigation: Not applicable.

Consistency with Applicable GHG Plans, Policies or Regulations

4.3-2 IMPLEMENTATION OF THE PROPOSED PROJECT WOULD NOT CONFLICT WITH AN APPLICABLE GREENHOUSE GAS REDUCTION PLAN, POLICY OR REGULATION.

Level of Significance Before Mitigation: Less Than Significant Impact.

Impact Analysis:

According to the BAAQMD, a GHG reduction plan should:

- Quantify GHG emissions, both existing and projected over a specified time period, resulting from activities within a defined geographic area
- Establish a level, based on substantial evidence, below which the contribution to GHG emissions from activities covered by the plan would not be cumulatively considerable
- Identify and analyze the GHG emissions resulting from specific actions or categories of actions anticipated within the geographic area
- Specify measures or a group of measures, including performance standards, that substantial evidence demonstrates, if implemented on a project-by-project basis, would collectively achieve the specified emissions level
- Establish a mechanism to monitor the plan's progress toward achieving the level and to require amendment if the plan is not achieving specified levels
- Be adopted in a public process following environmental review

The GHG reduction plan should identify goals, policies, and implementation measures that would achieve the goals of AB 32 for the entire community. The City of Brentwood does not currently have an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs. Contra Costa County has prepared a *Municipal Climate Action Plan* (December 2008), which includes measures to reduce GHG emissions from municipal sources. However, the County's Climate Action Plan does not provide guidance or measures for other development within the County. Therefore, the proposed project would not conflict with an adopted plan, policy or regulation pertaining to GHGs. Also, as described above, the proposed project would comply with the 2010 California Green Building Code and would include design features to reduce energy and water consumption and reduce vehicle trips. The project would not hinder the state's GHG reduction goals established by AB 32. Thus, a less than significant impact would occur in this regard.

Mitigation Measures: No mitigation is required.

Level of Significance After Mitigation: Not applicable.

Cumulative Impacts

4.3-3 GREENHOUSE GAS EMISSIONS RESULTING FROM DEVELOPMENT ASSOCIATED WITH IMPLEMENTATION OF THE PROPOSED PROJECT WOULD NOT IMPACT GREENHOUSE GAS LEVELS ON A CUMULATIVELY CONSIDERABLE BASIS.

Level of Significance Before Mitigation: Less Than Significant Impact.

Impact Analysis:

GHG emissions contribute, on a cumulative basis, to global climate change. No single project could generate enough GHG emissions to noticeably change the global average temperature. The combination of GHG emissions from past, present and future projects contribute substantially to the phenomenon of global climate change and its associated environmental impacts. The BAAQMD's approach to developing their GHG emissions threshold was to identify the emissions level for which a project would not be expected to substantially conflict with existing California legislation adopted to reduce statewide GHG emissions needed to move toward climate stabilization. If a project would generate GHG emissions above the threshold level, it would be considered to contribute substantially to a cumulative impact, and would be considered cumulatively considerable. As stated above, the proposed project would result in a less than significant impact regarding GHG emissions, as the project would be below the BAAQMD's significance criteria for GHG emissions. Therefore, the project's GHG emissions would not be cumulatively considerable. Impacts would be less than significant.

Mitigation Measures: No mitigation is required.

Level of Significance After Mitigation: Not applicable.

4.4 TRANSPORTATION/TRAFFIC

This section of the SEIR describes the transportation and circulation conditions in the area surrounding the project site, and identifies transportation impacts associated with the development of the proposed New Brentwood Center (project). The analysis focuses on potential impacts to intersections and roadway segments, pedestrian and bicycle facilities, and transit service. Significant impacts are identified and mitigation measures are identified to address these impacts, as necessary. All technical analyses related to this section are included in Appendix D (Traffic Technical Analyses).

Six study scenarios were evaluated:

- **Existing** – Existing (2010) conditions from recent traffic counts
- **Near-Term No Project** – Near-Term future conditions with existing traffic plus additional traffic from proposed, pending and approved projects in the City of Brentwood (City), including the Vineyards at Marsh Creek project (Vineyards Project) as analyzed in the Vineyards at Marsh Creek EIR (Vineyards EIR)
- **Near-Term Plus Project Phase 1** – Near-Term future conditions with existing traffic, additional traffic from proposed, pending and approved projects, and the Vineyards Project as modified by the proposed project, including Phase 1 of the proposed project
- **Near-Term Plus Project Build-out** – Near-Term future conditions with existing traffic, additional traffic from proposed, pending and approved projects, and the Vineyards Project as modified by the proposed project, including full build out of the proposed project
- **Cumulative No Project** – Future (2035) forecast conditions that consider build out of the City General Plan and planned roadway improvements, including the Vineyards Project as analyzed in the Vineyards EIR
- **Cumulative Plus Project** – Future (2035) forecast conditions with traffic from full build out of the project

4.4.1 ENVIRONMENTAL SETTING

This section describes the existing setting of the proposed project.

STUDY AREA

The project site location is shown on Figure 3-3. The site is at the southern end of the City, northwest of the intersection of the State Route 4 (SR 4) Bypass and Marsh Creek Road.

EXISTING ROADWAY NETWORK

The following describes the major roadways in the vicinity of the project site:

SR 4 Bypass is a north-south roadway that connects SR 4 in Antioch to Vasco Road south of Brentwood. In the project vicinity, SR 4 Bypass is a two-lane expressway with a 55-mile per hour (MPH) speed limit and grade separation at Fairview Avenue. Additional lanes are provided at the intersection with Marsh Creek Road, where the SR 4 Bypass becomes Vasco Road, to provide additional capacity. The SR 4 Bypass is a designated Route of Regional Significance, as defined by the Contra Costa County Transportation Authority (CCTA).

Concord Avenue is a curving north-south/east-west oriented rural roadway that connects Fairview Avenue to Walnut Avenue. This roadway provides one lane per direction with a speed limit of 45 MPH. The portion of Concord Avenue north of Fairview Avenue has been replaced by John Muir Parkway.

John Muir Parkway is a developing north-south arterial connection between Fairview Avenue and Balfour Road, generally paralleling SR 4 Bypass and replacing the northern portion of Concord Avenue. John Muir Parkway provides one travel lane in each direction, and has a speed limit of 35 MPH.

Marsh Creek Road is an east-west oriented rural roadway connecting far East Contra Costa County (i.e., Discovery Bay) with Central County (i.e., Clayton and Concord). It parallels Balfour Road for much of its length through Brentwood. The roadway currently provides one lane per direction. Marsh Creek Road is a designated Route of Regional Significance.

Vasco Road is a two-lane rural roadway connecting the East County area to Livermore and other elements of the regional freeway system. The posted speed limit on Vasco Road is 45 to 55 MPH.

Vineyards Parkway is a developing continuation of Fairview Avenue which will extend to a signalized intersection with Marsh Creek Road. Vineyards Parkway provides one traffic lane in each direction, and will act as the main collector roadway through the Vineyards Project.

EXISTING BICYCLE, PEDESTRIAN AND TRANSIT NETWORKS

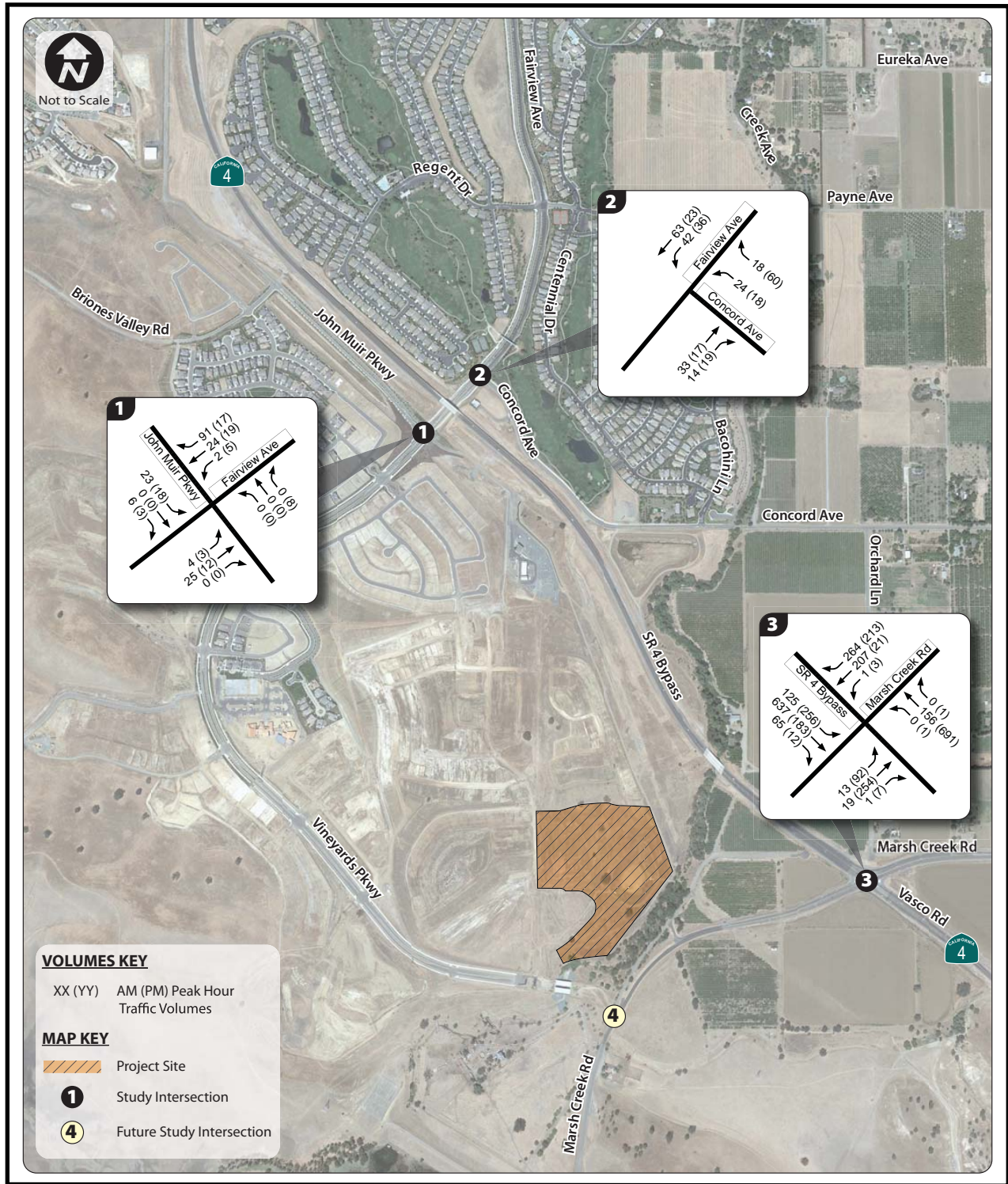
Class II bicycle lanes are provided on Fairview Parkway and Vineyards Parkway in the study area. Sidewalks are generally provided on roadways in the study area. There is currently no regular transit service in the study area. The nearest transit stop is the Tri-Delta Transit Route 384 bus stop at Balfour Road and John Muir Parkway, approximately 2.5 miles north of the project site.

STUDY INTERSECTIONS

The Vineyards EIR assessed the near-term and long-term operations of 18 intersections. In the near-term condition, impacts were identified at four intersections. The improvements identified in the Vineyards EIR have been constructed at those locations. In the long-term scenario, the 18 study intersections were projected to operate at acceptable service levels with planned roadway improvements. Therefore, this assessment focuses on intersections in the immediate vicinity of the project site that could potentially be impacted with the proposed changes in traffic patterns in the area due to the relocation of the community college land use from the Cowell Property to Pioneer Square. The following intersections have been identified for inclusion in this assessment:

- John Muir Parkway/Fairview Avenue
- Fairview Avenue/Concord Avenue
- SR 4 Bypass/Marsh Creek Road
- Marsh Creek Road/Vineyards Parkway (future intersection)

The location of the intersections in relation to the project site is shown on Figure 4.4-1 (Project Study Area and Existing Peak Hour Traffic Volumes). The three existing intersections are signalized. The study intersections were analyzed using the methodology presented in the Contra Costa Transportation Authority's (CCTA) Technical Procedures Update (July 2006). This methodology is described below.



Fehr & Peers, September 2010

New Brentwood Center Supplemental EIR

Project Study Area and Existing Peak Hour Traffic Volumes

Figure 4.4-1

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4.4.2 ANALYSIS METHODOLOGY

Transportation engineers and planners use the term level of service (LOS) to qualitatively describe the operations of transportation facilities. Level of service ranges from LOS A, indicating free-flow conditions with little or no delay) to LOS F (representing oversaturated conditions with excessive delays). LOS E describes conditions at capacity. The CCTA method uses various intersection characteristics (such as traffic volumes, lane geometry, and signal phasing) to estimate an intersection's volume-to-capacity (V/C) ratio. Table D-1 in Appendix D summarizes the relationship between the V/C ratio and LOS for signalized intersections.

For unsignalized (all-way stop-controlled and side-street stop-controlled) intersections, the *Highway Capacity Manual* (Transportation Research Board, 2000) methodology for unsignalized intersections was utilized. With this methodology, operations are defined by the average control delay per vehicle (measured in seconds) for each stop-controlled movement. This incorporates delay associated with deceleration, acceleration, stopping and moving up in the queue. For side-street stop-controlled intersections, the delay is presented for the worst stop-controlled movement. The relationship between average vehicle delay and LOS at unsignalized intersections is summarized in Table D-2 in Appendix D.

The *CCTA's Technical Procedures Update* (July 2006) and the *East County Action Plan Final 2000 Update* provide LOS standards for signalized intersections on Non-Regional Routes. The study area is categorized as a Special Planning Area in the City General Plan (updated March 2009), with a planned mix of land uses consistent with suburban development. Acceptable LOS for suburban, Non-Regional Routes is a mid-LOS D, or a V/C ratio of 0.85 or lower. The John Muir Parkway/Fairview Avenue and Fairview Avenue/Concord Avenue intersections are located on Non-Regional Routes and are, therefore, subject to this standard.

The 2009 *East County Action Plan Update* identifies Marsh Creek Road as a Route of Regional Significance. Marsh Creek Road is currently classified as a Non-Signalized Rural Road, and with the completion of the signalized intersection with Vineyards Parkway, would likely be reclassified as a Signalized Suburban Arterial Route in the project vicinity. The minimum acceptable peak hour level of service for both classifications is mid-LOS D, or a V/C ratio of 0.85 or lower. This standard applies to the SR-4 Bypass/Marsh Creek Road intersection.

4.4.3 IMPACT ANALYSIS

THRESHOLDS OF SIGNIFICANCE

The thresholds of significance identified in the Vineyards EIR are applied to this SEIR. According to the City and the CCTA, a significant traffic-related impact would occur under any of the following conditions:

- The addition of project traffic causes a signalized intersection to deteriorate from an acceptable level (LOS D or better with a V/C ratio equal to or less than 0.85) to an unacceptable level (LOS D or worse with a V/C ratio greater than 0.85).
- The addition of project traffic causes a signalized intersection operating at an unacceptable level (greater than 0.85 V/C ratio) to increase by more than 0.01.
- The addition of project traffic causes the level of service at an unsignalized intersection to degrade to worse than LOS E or causes an unsignalized intersection to meet traffic signal warrants based on Warrant 3B (peak hour volume warrant for urban areas) as listed in the Manual of Uniform Traffic Control Devices (MUTCD).

- The incremental traffic from construction of the project creates significant traffic impacts not identified during the analysis of the project traffic.
- The project substantially increases hazards due to a design feature (e.g. sharp curves or dangerous intersection) or incompatible uses (e.g. farm equipment).
- The project results in inadequate emergency access.
- The project conflicts with adopted alternative transportation policies, plans or programs.

AREAS OF NO PROJECT IMPACT

Pedestrian Access

Sidewalks would be provided on both sides of Vineyards Parkway west of Miwok Avenue, and on Miwok Avenue south of Pioneer Square. Sidewalks would be provided on one side of Pioneer Square and on Miwok Avenue north of the southern intersection with Pioneer Square. The proposed project would not conflict with the 2009 Countywide Bicycle and Pedestrian Plan. Therefore, no significant project impacts to the pedestrian system would result.

Bicycle Access

Bike lanes are proposed on Vineyards Parkway and Miwok Avenue in the project vicinity. The shoulder lanes on Pioneer Square would be 14 feet in width, providing space for vehicles to pass cyclists safely. The proposed project would not conflict with the East Contra Costa County Bikeway Plan 2005 Update or the 2009 Countywide Bicycle and Pedestrian Plan. Therefore, no significant project impacts to the bicycle system would result.

On-Site Circulation

The conceptual site plan shown in Figure 3-3 was reviewed with respect to parking layout and on-site vehicle circulation. Sufficient detail is not yet available to assess on-site pedestrian access to the project buildings. The conceptual design would generally allow safe access and circulation for passenger vehicles. Vehicle queues exiting the project driveways are expected to be two vehicles or less in length during the AM and PM peak hours. The parking lot and driveway design shown on the conceptual site plan provides adequate throat depth for these expected queues. The final site plan would be reviewed in detail to assess the final parking layout, parking stall dimensions, and on-site circulation for vehicles, pedestrians and bicyclists.

Emergency Vehicle Access

Emergency vehicle access to the project site would be provided by two driveways off Pioneer Square. Vineyards Parkway, Miwok Avenue and Pioneer Square all provide adequate roadway width for emergency vehicles to access the project site. The project driveway in Phase 1 would provide two inbound lanes. This design would allow emergency access to the Phase 1 building. Sufficient design detail of the Phase 2 driveway is not yet available to assess fire access to the Phase 2 building. The driveway should be designed to meet City standards for commercial driveways to accommodate emergency vehicle access. No significant project impacts to emergency vehicle access would result.

Transit Access

The proposed project would not conflict with any transit policies, plans, or programs. As a more detailed site plan is developed, the District should meet with Tri Delta Transit staff to determine whether transit service is likely to be extended to the project site and to provide appropriate amenities to encourage transit use. No significant project impacts to the transit system would result.

EXISTING CONDITIONS

Traffic counts were conducted at the three existing study intersections during the morning (7:00 AM to 9:00 AM) and evening (4:00 PM to 6:00 PM) periods in February 2010 on a typical weekday with schools in normal session. Based on the observed traffic volumes, a morning (AM) and evening (PM) peak hour was identified for each of the study intersections. The AM and PM peak hour traffic volumes for the study intersections are shown on Figure 4.4-1. The existing intersection lane geometries and type of traffic control are shown on Figure 4.4-2 (Existing Lane Geometry and Traffic Control).

The peak hour traffic volumes and existing lane geometry and signal timings were used to analyze the existing LOS at the study intersections. The peak hour LOS results are shown in Table 4.4-1 (Existing (2010) Peak Hour Level of Service). All of the study intersections currently operate at acceptable LOS A during both the AM and PM peak hours.

**Table 4.4-1
Existing (2010) Peak Hour Level of Service**

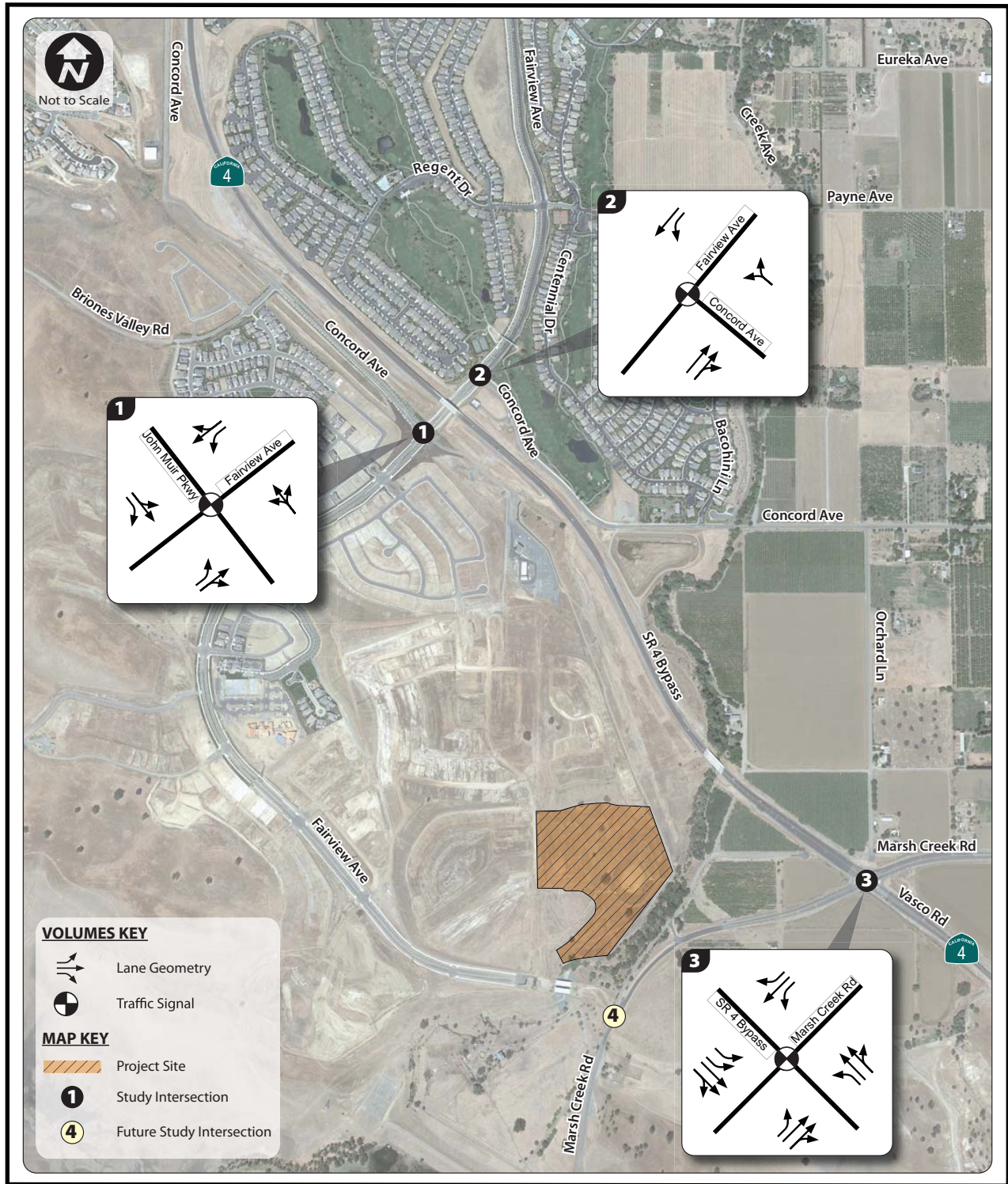
Location	Control	Peak Hour	V/C Ratio ¹	LOS
1. John Muir Parkway/Fairview Avenue	Signal	AM	0.11	A
		PM	0.04	A
2. Fairview Avenue/Concord Avenue	Signal	AM	0.09	A
		PM	0.11	A
3. SR 4 Bypass/Marsh Creek Road	Signal	AM	0.39	A
		PM	0.43	A

1. Volume-to-Capacity ratio determined for all signalized intersections using the CCTA LOS methodology.
Source: Fehr & Peers, 2010

PROJECT TRANSPORTATION CHARACTERISTICS

The proposed project would be comprised of two two-story buildings (each with 22,000 square feet) north of Marsh Creek Road on a portion of the Pioneer Square site. Figure 3-3 shows the conceptual project site plan. The project would be constructed in two phases, with one building completed in Phase 1, and the second in Phase 2. Planned enrollment for Phase 1 is 2,500 full-time equivalent (FTE) students and 5,000 FTE students at buildout. The project site is currently approved for 17 acres of mixed-use development.

Trip generation for the proposed project was based on the planned enrollment for each phase. Fehr & Peers has conducted trip generation studies of five community colleges across California since 2002. These rates were averaged to produce estimated AM and PM peak hour rates per FTE student, as presented in Table 4.4-2 (Community College Trip Generation Rates Comparison). These rates are compared to the junior college trip generation rates from the Institute of Transportation Engineers (ITE) *Trip Generation*, 6th and 8th Editions. The 6th Edition ITE rate was assumed in the program-level analysis in the Vineyards EIR.



Fehr & Peers, September 2010

New Brentwood Center Supplemental EIR

Existing Lane Geometry and Traffic Control

Figure 4.4-2

The rate observed at California community colleges is higher than either of the ITE *Trip Generation* rates. Conservatively, this rate was used to estimate the daily and peak hour trips generated by the proposed project. Table 4.4-3 (Proposed Project Trip Generation) shows the application of these rates to determine daily and peak hour trips associated with each phase of the project.

**Table 4.4-2
Community College Trip Generation Rates Comparison**

Source	Daily Rate per FTE	AM Peak Hour Rate per FTE	PM Peak Hour Rate per FTE
ITE <i>Trip Generation</i> , 6 th Edition ¹	1.54	0.14	0.17
ITE <i>Trip Generation</i> , 8 th Edition ¹	1.20	0.12	0.12
California Community Colleges	2.23	0.18	0.15

1. Average rates for Land Use 540, Junior College, per student.
Source: Fehr & Peers, 2010

**Table 4.4-3
Proposed Project Trip Generation**

	FTE Students	Daily Trips	AM Peak Hour Trips			PM Peak Hour Trips		
			Total	In	Out	Total	In	Out
California Community Colleges Trip Generation Rate per FTE		2.23	0.18	76%	24%	0.15	63%	37%
Phase 1	2,500	5,575	450	342	108	375	236	139
Phase 2	2,500	5,575	450	342	108	375	236	139
Total College Build Out	5,000	11,150	900	684	216	750	473	277

Source: Fehr & Peers, 2010

To determine the level of trip generation for the approved land uses on the project site (Mixed-Use Business Park), ITE Trip Generation 8th Edition trip rates were applied to the market rate housing and commercial uses for the approved Vineyards Project. Trip generation rates for Active Adult housing of 0.33 trips per dwelling unit in the AM peak hour and 0.44 in the PM peak hour were assumed, consistent with the Vineyards EIR analysis. At the time recent traffic counts were conducted, 111 residences had been constructed within the Vineyards Project area, and trips associated with these units were not included in the impact analysis in this SEIR. Table 4.4-4 (Vineyards Project Trip Generation) shows the trip generation for the approved Vineyards Project.

As shown in Table 4.4-4, the approved Vineyards Project would generate 1,711 AM peak hour trips and 2,232 PM peak hour trips. The trip distribution for residential and commercial development is consistent with that used in the Vineyards EIR, and is based on a weighted distribution of existing and future traffic volumes.

Distribution of community college trips for both the proposed project on the Pioneer Square site and the previous location of the community college on the Cowell Property was determined based on the expected enrollment area from which students would be drawn. This area includes Brentwood and Discovery Bay, as well as portions of Oakley and Antioch. The majority of community college trips are expected to travel to and from the north of the project site. Trip distribution percentages are shown on Figure 4.4-3 (Trip Distribution).

**Table 4.4-4
Vineyards Project Trip Generation**

Land Use	Size	AM Peak Hour Trips			PM Peak Hour Trips		
		Total	In	Out	Total	In	Out
<i>Pioneer Square Area</i>							
Retail ¹	60,150 sf	114	70	44	453	222	231
Civic ²	10,000 sf	10	7	3	73	35	38
Office ³	30,000 sf	72	63	9	112	19	93
Hotel ⁴	150 rooms	68	41	27	89	47	42
Winery ⁵	112,000 sf	9	4	5	28	4	24
Assisted Living ⁶	200,000 sf	22	14	8	44	19	25
Senior Apartments ⁷	350 du	116	42	74	154	55	99
<i>Pioneer Square Subtotal</i>		<i>411</i>	<i>241</i>	<i>170</i>	<i>953</i>	<i>401</i>	<i>552</i>
Single-Family Active Adult Housing ⁷	1,100 du	363	131	232	484	174	310
Market Rate Single-Family Housing ⁸	39 du	37	9	28	45	28	17
Community College ⁹	5,000 FTE students	900	684	216	750	473	277
<i>Total Vineyards Development</i>		<i>1,711</i>	<i>1,065</i>	<i>646</i>	<i>2,232</i>	<i>1,076</i>	<i>1,156</i>
<p>Notes:</p> <p>sf = square feet du = dwelling units FTE = full time equivalent</p> <ol style="list-style-type: none"> Trip generation based on the rates for Shopping Center (Land Use 820) in the Institute of Transportation Engineers' (ITE) Trip Generation (8th Edition), as presented below. AM Rate: $\text{Ln}(T) = 0.59 \text{Ln}(X) + 2.32$ (inbound = 61%, outbound = 39%) PM Rate: $\text{Ln}(T) = 0.67 \text{Ln}(X) + 3.37$ (inbound = 49%, outbound = 51%) Where: T = trip ends and X = thousands of square feet gross leasable area. Trip generation based on the average rates for Library (Land Use 590) in the Institute of Transportation Engineers' (ITE) Trip Generation (8th Edition), as presented below. AM Rate: $T = 1.04(X)$ (inbound = 71%, outbound = 29%) PM Rate: $T = 7.3(X)$ (inbound = 48%, outbound = 52%) Where: T = trip ends and X = thousands of square feet gross floor area. Trip generation based on the rates for General Office Building (Land Use 710) in the Institute of Transportation Engineers' (ITE) Trip Generation (8th Edition), as presented below. AM Rate: $\text{Ln}(T) = 0.80 \text{Ln}(X) + 1.55$ (inbound = 88%, outbound = 12%) PM Rate: $T = 1.12(X) + 78.81$ (inbound = 17%, outbound = 83%) Where: T = trip ends and X = thousands of square feet gross floor area. Trip generation based on the rates for Hotel (Land Use 310) in the Institute of Transportation Engineers' (ITE) Trip Generation (8th Edition), as presented below. AM Rate: $\text{Ln}(T) = 1.24 \text{Ln}(X) + 2.00$ (inbound = 61%, outbound = 39%) PM Rate: $T = 0.59(X)$ (inbound = 53%, outbound = 47%) Where: T = trip ends and X = rooms. Based on trip generation study for Wente Winery in Livermore, California. Taken from Sunrise Assisted Living Trip Generation Study Taken from Brentwood Active Adult Housing Traffic Fee Review (Fehr & Peers, December 1998). Rate per dwelling unit. Trip generation based on the average rates for Single Family Detached Housing (Land Use 210) in the Institute of Transportation Engineers' (ITE) Trip Generation (8th Edition), as presented below. AM Rate: $T = 0.75(X)$ (inbound = 25%, outbound = 75%) PM Rate: $T = 1.01(X)$ (inbound = 63%, outbound = 37%) Where: T = trip ends and X = dwelling units. See Table 4.4-2 for Community College trip generation rates. <p>Source: ITE, 2009; Fehr & Peers, 2010</p>							

The proposed project would replace approximately 17 acres, or 57 percent, of the Pioneer Square land uses with community college use.¹ The displaced uses would have generated 57 percent of the Pioneer Square area trips shown in Table 4.4-4, or 234 AM and 543 PM peak hour trips. These removed trips were subtracted from the trips generated by the project to determine the project trip assignment, shown on Figure 4.4-4 (Project Buildout Peak Hour Traffic Volumes).

POTENTIAL IMPACTS AND MITIGATION MEASURES

Near-Term Traffic Impacts

4.4-1 THE PROPOSED PROJECT WOULD RESULT IN AN INCREASE IN TRAFFIC AT STUDY AREA INTERSECTIONS. THESE FOUR INTERSECTIONS WOULD CONTINUE TO OPERATE ACCEPTABLE LEVELS OF SERVICE.

Level of Significance Before Mitigation: Less Than Significant Impact.

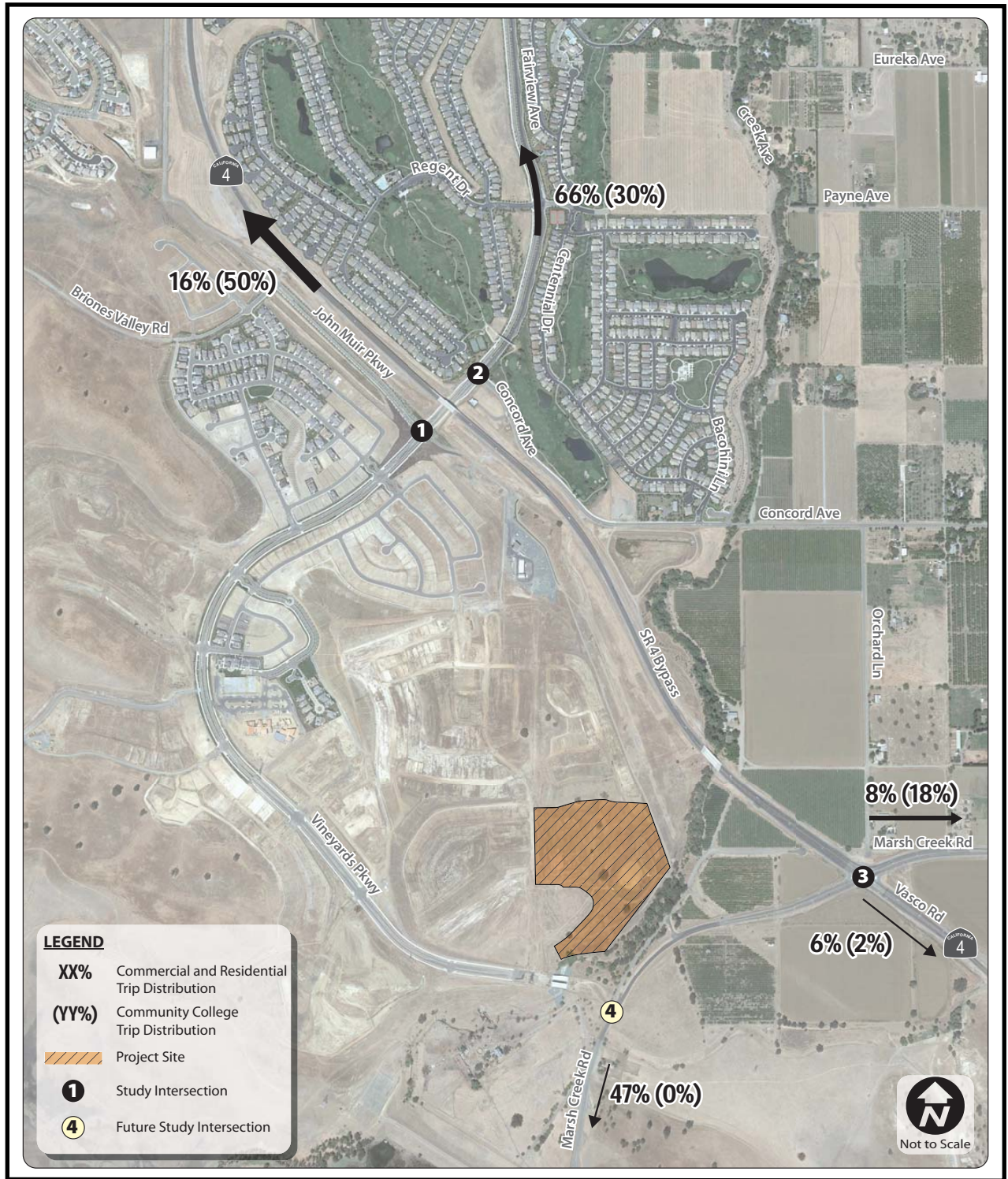
Impact Analysis:

Near-Term traffic volumes were forecast by adding traffic due to the proposed, pending and approved projects in Brentwood, as of February 2010, to the existing traffic counts. These projects include all of the Vineyards Project land uses listed in Table 4.4-4, except for the previously approved community college use on the Cowell Property. This use was not assumed under Near-Term conditions because the use is not expected to be developed in the foreseeable future. The commercial and residential projects included in the background traffic are shown in Tables D-3 and D-4 of Appendix D, respectively. Trips generated by these projects were estimated using the ITE *Trip Generation* rates and were assigned to the roadway network. Trips from the Vineyards Project as presented in Table 4.4-4 were added to these base volumes. The resulting Near-Term No Project traffic volumes are shown on Figure 4.4-5 (Near-Term No Project Peak Hour Traffic Volumes).

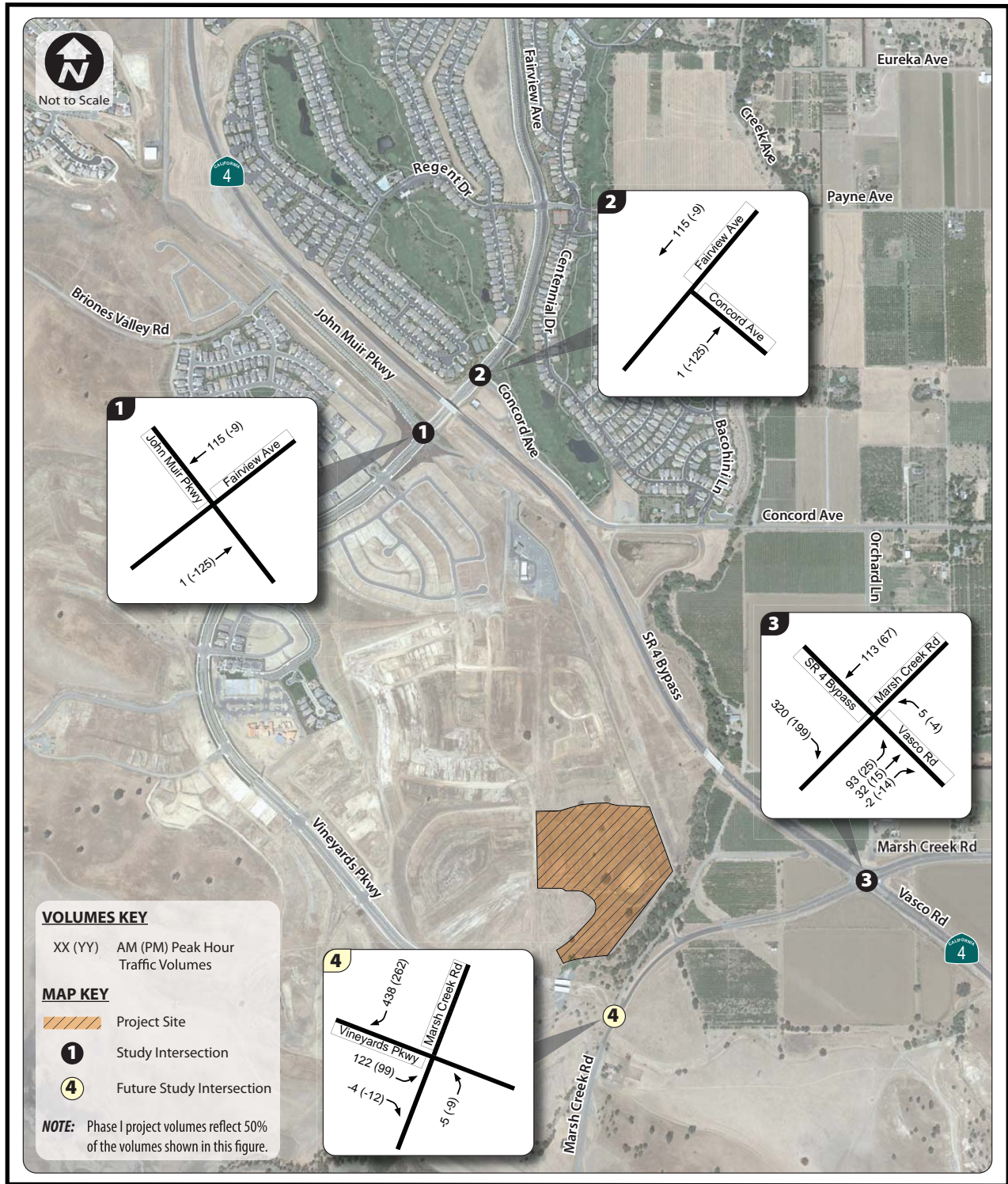
The Near-Term scenario includes the extension of Fairview Avenue (as Vineyards Parkway) from its current terminus at Concord Avenue to a new signalized intersection with Marsh Creek Road. No other roadway improvements in the study area were assumed. The Near-Term No Project intersection lane geometries and traffic control are shown on Figure 4.4-2. The intersection lane geometries and traffic control under Near-Term Plus Project Phase 1 and Near-Term Plus Project Build Out are shown on Figure 4.4-6 (Near-Term Lane Geometry and Traffic Control).

The LOS results for the study intersections under Near-Term conditions with and without the project are presented in Table 4.4-5 (Near-Term Plus Project Peak Hour Traffic Volumes).

¹ It is noted that since preparation of the traffic impact analysis, the percentage of Pioneer Square land uses that would be displaced by the proposed project was recalculated and determined to be 63 percent rather than 57 percent. Since this would lower the net trips added to the roadway network, the traffic analysis presented in this SEIR is conservative.



Fehr & Peers, September 2010

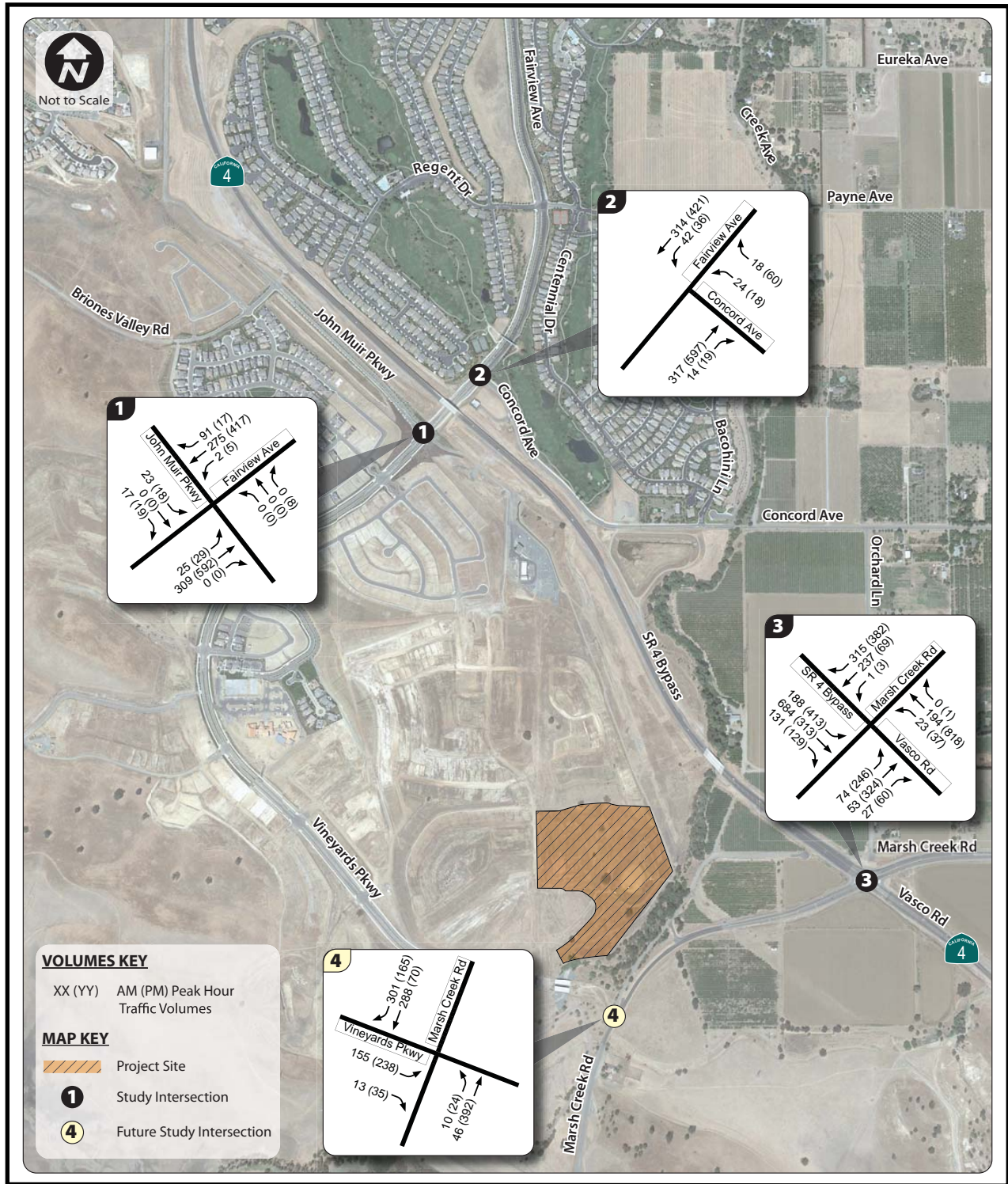


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New Brentwood Center Supplemental EIR

Project Buildout Peak Hour Traffic Volumes

Figure 4.4-4

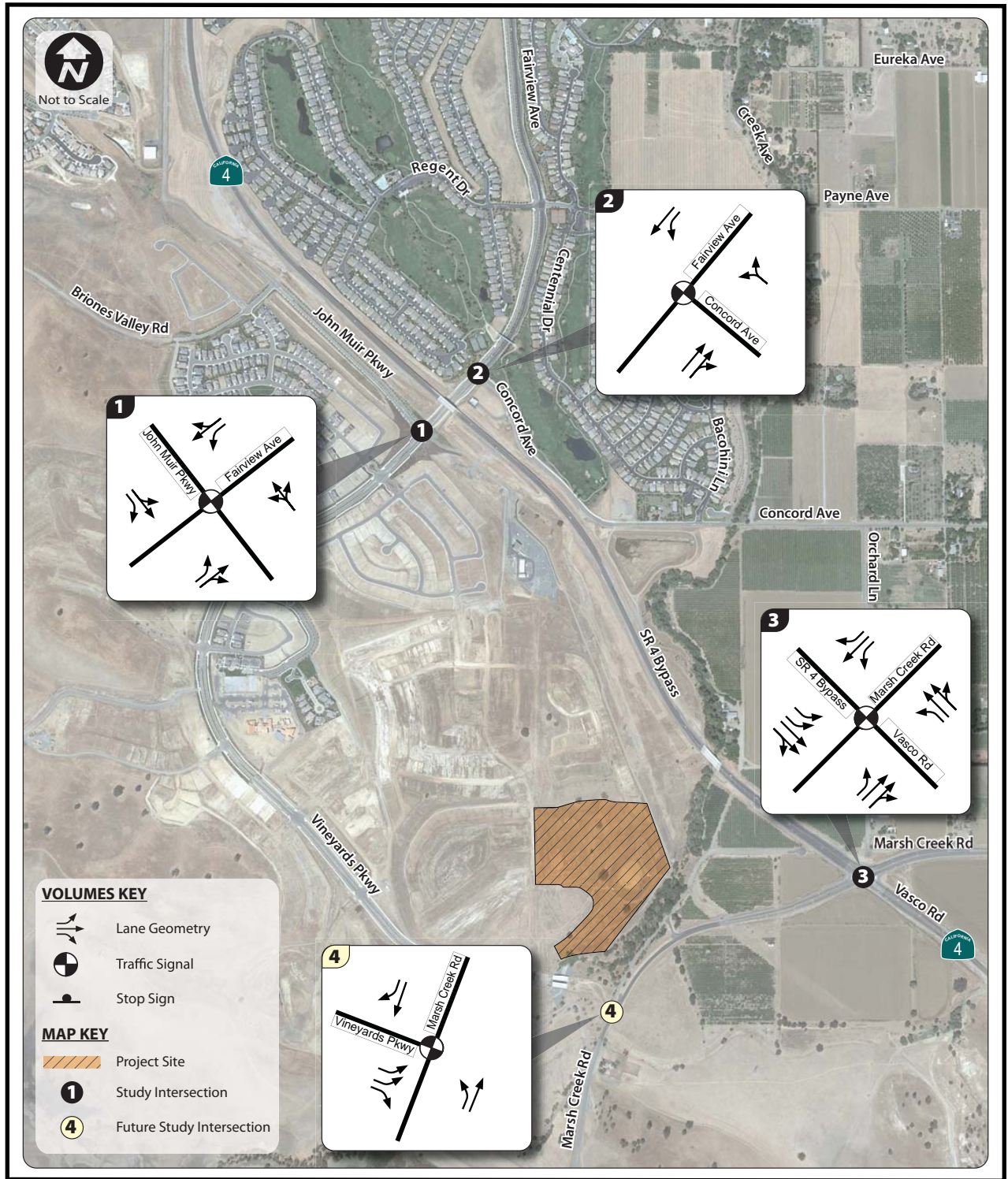


Fehr & Peers, September 2010

New Brentwood Center Supplemental EIR

Near-Term No Project Peak Hour Traffic Volumes

Figure 4.4-5



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New Brentwood Center Supplemental EIR

Near-Term Lane Geometry and Traffic Control

Figure 4.4-6

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**Table 4.4-5
Near-Term Plus Project Peak Hour Level of Service**

Location	Control	Peak Hour	Near-Term No Project		Near-Term Plus Project Phase 1		Near-Term Plus Project Build Out	
			V/C Ratio 1	LOS	V/C Ratio 1	LOS	V/C Ratio 1	LOS
1. John Muir Parkway/ Fairview Avenue	Signal	AM	0.32	A	0.33	A	0.41	A
		PM	0.42	A	0.31	A	0.34	A
2. Fairview Avenue/ Concord Avenue	Signal	AM	0.28	A	0.29	A	0.37	A
		PM	0.38	A	0.32	A	0.38	A
3. SR 4 Bypass/Marsh Creek Road	Signal	AM	0.50	A	0.61	B	0.75	C
		PM	0.68	B	0.66	B	0.73	C
4. Marsh Creed Road/ Vineyards Parkway	Signal	AM	0.25	A	0.26	A	0.38	A
		PM	0.36	A	0.36	A	0.40	A

Notes:
1. Volume-to-Capacity ratio determined for all signalized intersections using the CCTA LOS methodology.
Source: Fehr & Peers, 2010

Under Near-Term conditions, all of the study intersections would operate at an acceptable LOS with or without the project and impacts would be less than significant.

Mitigation Measures: No mitigation required.

Level of Significance After Mitigation: Not applicable.

Cumulative Traffic Impacts

4.4-2 THE PROPOSED PROJECT WOULD ADD TRAFFIC TO THE INTERSECTION OF SR 4 BYPASS AND MARSH CREEK ROAD. UNDER CUMULATIVE TRAFFIC CONDITIONS THIS INTERSECTION IS EXPECTED TO DEGRADE FROM AN ACCEPTABLE LOS D TO AN UNACCEPTABLE LOS F DURING THE AM PEAK HOUR AND FROM AN UNACCEPTABLE LOS D (V/C RATIO GREATER THAN 0.85) TO LOS E DURING THE PM PEAK HOUR WITH THE PROPOSED PROJECT.

Level of Significance Before Mitigation: Potentially Significant Impact.

Impact Analysis:

Traffic conditions for the year 2035 were forecast using the CCTA Travel Demand Model. The land use assumptions in the model were reviewed and adjusted to account for planned projects in Brentwood that were included in the Near-Term scenario and trips from development of a community college land use on the Cowell Property (the approved land use for the property) were added to the cumulative forecast. Cumulative peak hour volumes at the study intersections under No Project conditions are shown on Figure 4.4-7 (Cumulative (2035) No Project Peak Hour Traffic Volumes). Major roadway improvements included in the model are:

- Widening of SR 4 to provide three mixed-flow lanes and one high-occupancy vehicle (HOV) lane in each direction west of Hillcrest Avenue
- Widening of Segment 2 of the SR 4 Bypass (Lone Tree Way to Balfour Road) to operate as a four-lane freeway with interchanges at Sand Creek Road and Balfour Road.

- Completion of John Muir Parkway from Balfour Road to Fairview Avenue.
- Extension of Foothill Boulevard to intersect with John Muir Parkway with traffic signal installation.

Under Cumulative conditions, access to the Cowell Property, which was previously proposed for a community college campus, was assumed as a fourth leg of the future Marsh Creek Road/Vineyards Parkway intersection. This assumption was made because the Cowell Property still has an approved community college land use and this was the access location studied in the Vineyards EIR. No other roadway changes from the Near-Term conditions were assumed. The lane geometry and traffic control at the study intersections under Cumulative conditions are shown in Figure 4.4-8 (Cumulative (2035) Lane Geometry and Traffic Control). The LOS results for Cumulative conditions are shown in Table 4.4-6 (Cumulative (2035) Plus Project Buildout Peak Hour Level of Service).

**Table 4.4-6
Cumulative (2035) Plus Project Buildout Peak Hour Level of Service**

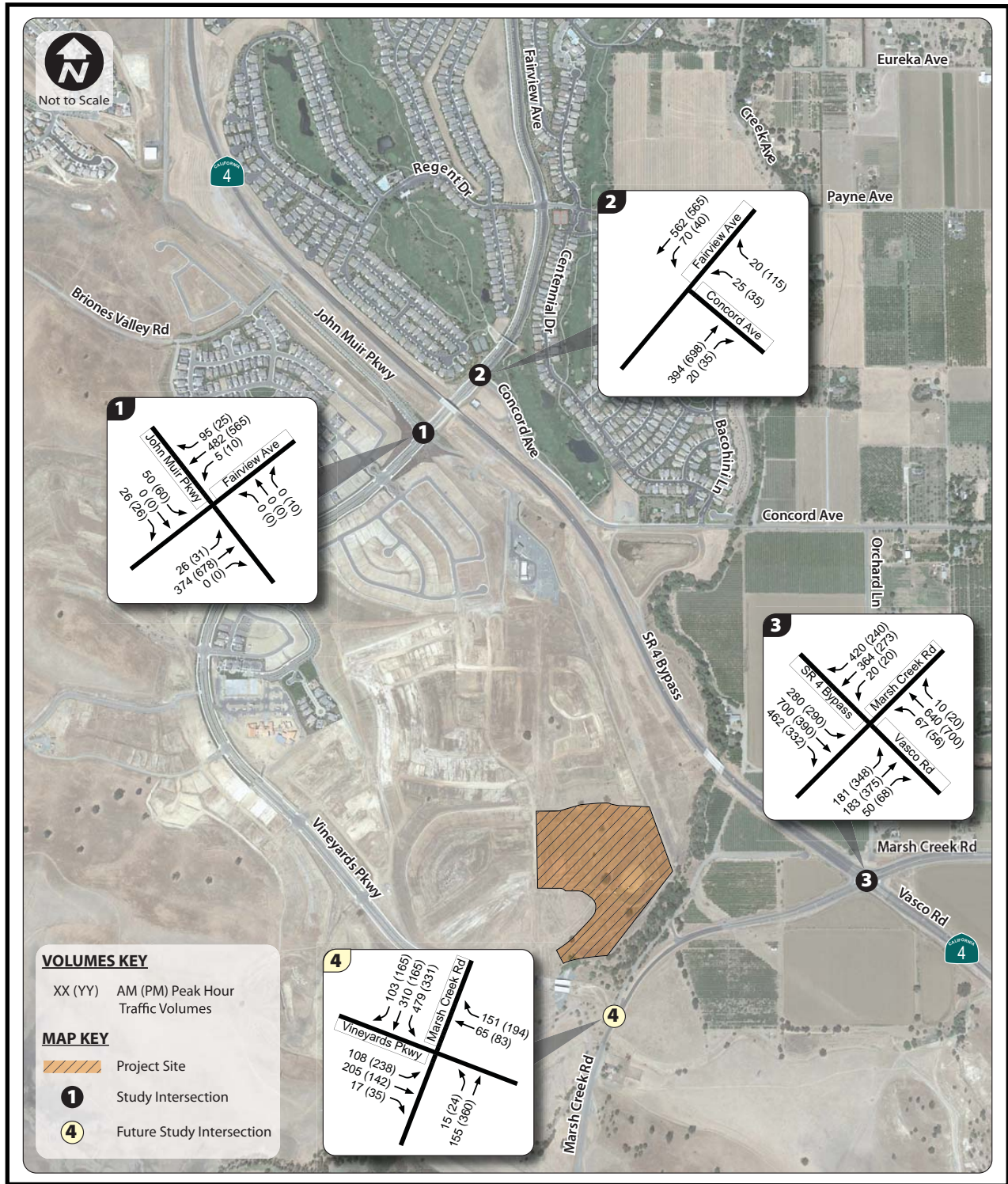
Location	Control	Peak Hour	Cumulative No Project		Cumulative Plus Project Build Out	
			V/C Ratio 1	LOS	V/C Ratio 1	LOS
1. John Muir Parkway/Fairview Avenue	Signal	AM	0.51	A	0.60	A
		PM	0.49	A	0.44	A
2. Fairview Avenue/Concord Avenue	Signal	AM	0.47	A	0.56	A
		PM	0.55	A	0.54	A
3. SR 4 Bypass/Marsh Creek Road	Signal	AM	0.83	D	1.10	F
		PM	0.88	D	0.98	E
4. Marsh Creek Road/Vineyards Parkway	Signal	AM	0.67	B	0.67	B
		PM	0.71	C	0.71	C

Notes:
 Bold indicates Level of Service standard is exceeded.
 1. Volume-to-Capacity ratio determined for all signalized intersections using the CCTA LOS methodology.
 Source: Fehr & Peers, 2010

Under Cumulative conditions, three of the four study intersections are projected to operate at an acceptable LOS with or without the project, assuming development of a community college land use on both the Pioneer Square site and the Cowell Property.

The intersection of the SR 4 Bypass and Marsh Creek Road, however, is expected to degrade from an acceptable LOS D to an unacceptable LOS F during the AM peak hour and from an unacceptable LOS D (v/c ratio greater than 0.85) to LOS E during the PM peak hour with the addition of the project. This impact is considered potentially significant based on significance criteria used in the Vineyards EIR.

Construction of an overpass at this location is included in the East Contra Costa Regional Fee and Financing Authority (ECCRFFA) Plan. Construction of the SR 4 Bypass/Marsh Creek Road overpass would provide acceptable operations at this location. However, the fee program does not identify funding sources to fully fund all of the projects in the ECCRFFA Plan, including the SR 4 Bypass/Marsh Creek Road overpass. No other feasible mitigation has been identified for this intersection. Thus, the impact is considered significant and unavoidable.

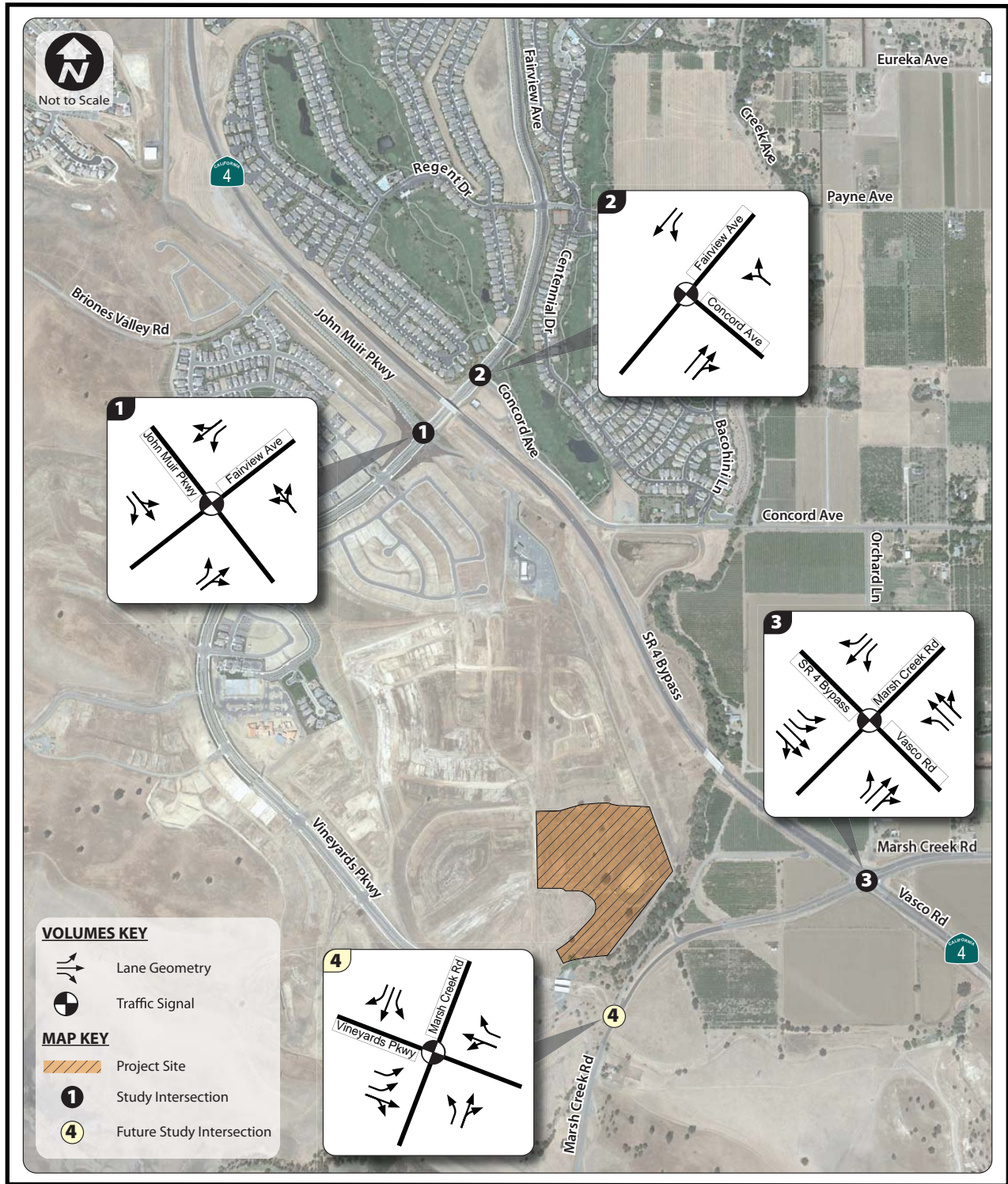


Fehr & Peers, September 2010

New Brentwood Center Supplemental EIR

Cumulative (2035) No Project Peak Hour Traffic Volumes

Figure 4.4-7



Fehr & Peers, September 2010

New Brentwood Center Supplemental EIR

Cumulative (2035) Lane Geometry and Traffic Control

Figure 4.4-8

Mitigation Measures: No feasible mitigation has been identified.

Level of Significance After Mitigation: Significant and Unavoidable Impact.

Temporary Construction Impacts

4.4-3 CONSTRUCTION OF THE PROPOSED PROJECT MAY TEMPORARILY AFFECT VEHICULAR, PEDESTRIAN, AND BICYCLE CIRCULATION IN THE VICINITY OF THE PROJECT RESULTING IN POTENTIAL TRAFFIC IMPACTS DURING THE CONSTRUCTION PERIOD.

Level of Significance Before Mitigation: Potentially Significant Impact.

Impact Analysis:

Construction projects generate truck traffic for a variety of purposes throughout the construction schedule, including excavation, material deliveries, concrete pours, etc. The excavation portion of a construction project typically generates the highest daily and peak hour truck volumes. The specific number of excavation truck trips per day is directly related to the amount of material to be removed from or imported to the site, the project schedule, and other site factors that may limit the frequency of truck trips.

The construction workforce would generate primarily automobile commute trips. Most construction worker commute trips are expected to occur during non-peak hours.

Construction projects may periodically require traffic detours to allow heavy equipment movements or to facilitate construction activities directly adjacent to the street. The detours may temporarily affect traffic circulation, as well as re-direct pedestrian and bicycle traffic. Mitigation Measure 4.4-3 would mitigate this impact to a less than significant level.

Mitigation Measure:

4.4-3 Prior to start of construction, the prime contractor shall prepare a Construction Traffic Management Plan, which shall include the following items:

- Proposed truck routes to be used
- Construction hours, including limits on the number of truck trips during the AM and PM peak traffic periods (6:00 to 9:00 AM and 4:00 to 6:00 PM), if conditions demonstrate the need
- Proposed employee parking plan (number of spaces and planned locations) to be accommodated within the site
- Proposed construction equipment and materials staging areas, showing minimal conflicts with traffic, pedestrian and bicycle circulation patterns
- Expected traffic detours needed, planned duration, and traffic control plans including potential sidewalk closures and plans to accommodate vehicular, pedestrian and bicycle detours.

Level of Significance After Mitigation: Less Than Significant Impact.

Project Access and Circulation Impacts

4.4-4 THE PROPOSED PROJECT MAY RESULT IN IMPACTS ASSOCIATED WITH PROJECT SITE ACCESS AND ON-SITE CIRCULATION, INCLUDING VEHICULAR, PEDESTRIAN, BICYCLE AND EMERGENCY VEHICLE ACCESS.

Level of Significance Before Mitigation: Less Than Significant Impact.

Impact Analysis:

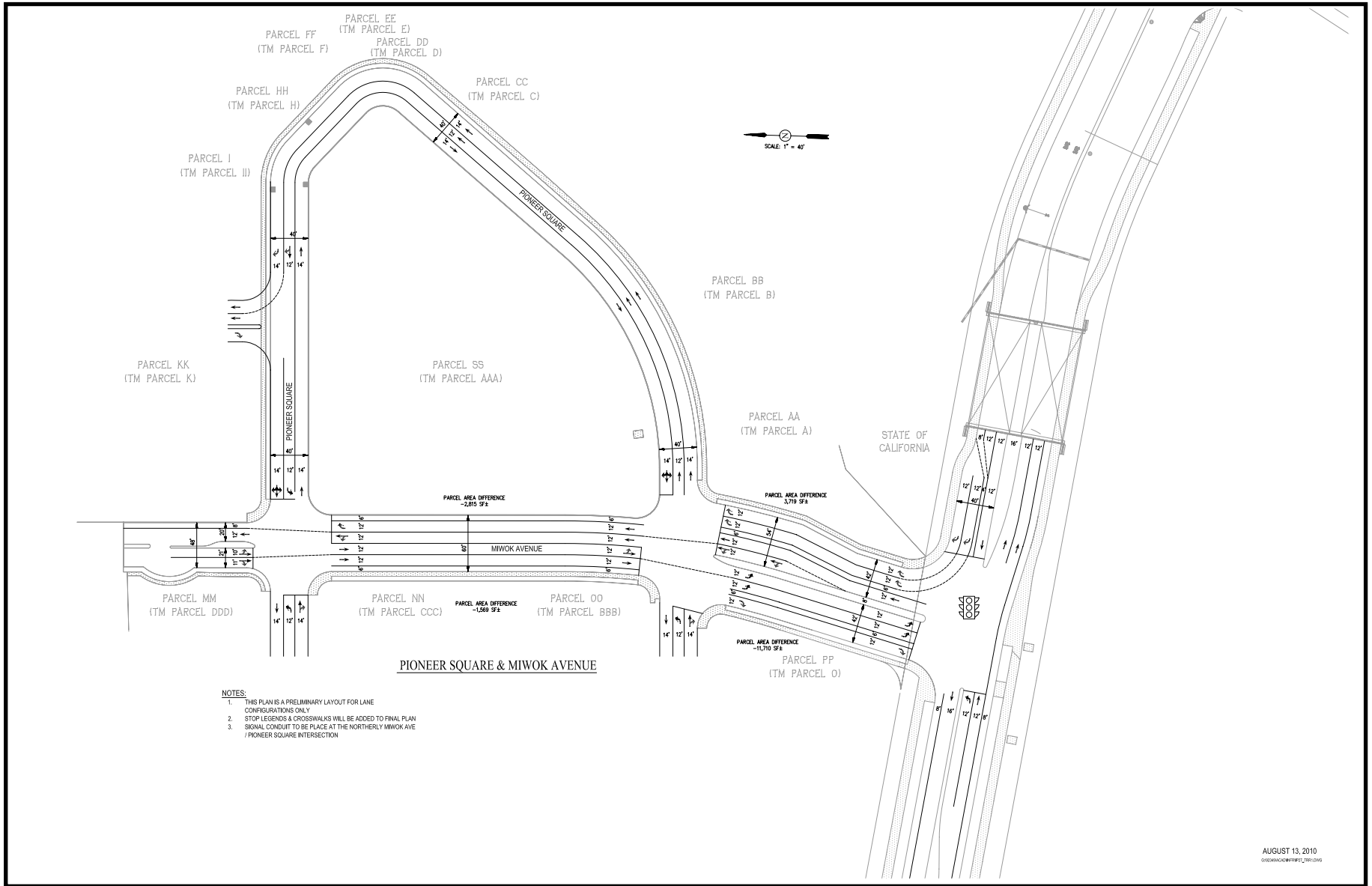
On-site circulation was evaluated based on the conceptual site plan shown on Figure 3-3. External site access was evaluated based on a striping plan for the project vicinity dated August 13, 2010 (refer to Figure 4.4-9 – Proposed Striping Plan).

With completion of Phase 1 of the project, access to the site would be provided by a driveway on a loop roadway (Pioneer Square) connecting to Miwok Avenue. With completion of Phase 2 of the project, a second driveway on Pioneer Square to the south would provide access to the Phase 2 building (not shown on striping plan). Access to/from Pioneer Square would be restricted to right-turns only at both driveways. Pioneer Square would provide one lane in the clockwise travel direction and two travel lanes in the counter-clockwise travel direction to facilitate access to the project site. The clockwise travel lane would not be necessary for site access nor for efficient vehicle circulation in the project vicinity. This lane could be removed and replaced with parking, or transit and/or bicycle facilities without degrading site access or intersection operations in the project vicinity.

Vehicular site access to the project site would be provided through three future intersections:

- A signalized intersection at the extension of Vineyards Parkway and Miwok Avenue
- Two unsignalized intersections at Miwok Avenue and the Pioneer Square loop road

These intersections were analyzed under Cumulative Plus Project Buildout conditions, and were found to operate acceptably during both the AM and PM peak hours, as shown in Table 4.4-7 (Cumulative (2035) Plus Project Buildout Local Intersection Peak Hour Level of Service).



Fehr & Peers, August 2010



Not to Scale

JN 35-101065

New Brentwood Center Supplemental EIR
Proposed Striping Plan
Figure 4.4-9



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**Table 4.4-7
Cumulative (2035) Plus Project Buildout Local Intersection Peak Hour Level of Service**

Location	Control	Peak Hour	Cumulative Plus Project Build Out	
			V/C Ratio or Delay ¹	LOS
5. Miwok Avenue / Pioneer Square North	AWSC	AM	5.3 seconds	A
		PM	6.0 seconds	A
6. Miwok Avenue / Pioneer Square South	AWSC	AM	5.8 seconds	A
		PM	6.8 seconds	A
7. Vineyards Parkway / Miwok Avenue	Signal	AM	0.44	A
		PM	0.40	A

Notes:

1. Volume-to-Capacity ratio determined for all signalized intersections using the CCTA LOS methodology. Intersection average delay in seconds presented for all-way stop-controlled intersections.
2. AWSC = all-way stop-controlled intersection

Source: Fehr & Peers, 2010

Peak hour vehicle queuing was analyzed for these intersections under Cumulative Plus Project Buildout conditions. Table 4.4-8 (Cumulative (2035) Plus Project Buildout Local Intersection Queues) presents the average and maximum expected queues for key turning movements. As shown in the table, vehicle queues are not expected to exceed the provided storage for any turning movements.

**Table 4.4-8
Cumulative (2035) Plus Project Buildout Local Intersection Queues**

Location	Turning Movement	Storage Length (ft)	Peak Hour	Cumulative Plus Project Build Out		
				Average Queue (ft)	Maximum Queue ¹ (ft)	Exceeds Storage?
5. Miwok Avenue / Pioneer Square North	WBL	150	AM	50	50	No
			PM	50	50	No
6. Miwok Avenue / Pioneer Square South	NBL	50	AM	50	50	No
			PM	25	50	No
	NBR	200	AM	75	100	No
			PM	50	75	No
7. Vineyards Parkway / Miwok Avenue	WBR	100	AM	0	25	No
			PM	0	25	No
	EBL	100	AM	75	100	No
			PM	75	100	No
	SBL	200	AM	50	75	No
			PM	50	125	No
SBR	200	AM	0	25	No	
		PM	0	25	No	

Notes:

1. For intersections 5 and 6, 95th percentile observed queue from SimTraffic analysis. For intersection 7, calculated 95th percentile queue using HCM methodology.

Source: Fehr & Peers, 2010

Mitigation Measures: No mitigation required.

Level of Significance After Mitigation: Not applicable.

5.0 ALTERNATIVES

5.1 INTRODUCTION

As previously described, the Vineyards EIR was certified by the City in 2004 for the Vineyards Project. The Vineyards EIR analyzed a reasonable range of alternatives to the Vineyards Project, as required by CEQA.

This SEIR further expands the reasonable range of alternatives in the Vineyards EIR by analyzing an alternative land use for the Cowell Property (presently designated Community College by the City's General Plan), given that the project proposes to relocate the community college use to a portion of the Pioneer Square site and given that it is not likely that two community college campuses would ever be developed in close proximity to one another. Because the District is not the land use regulatory body with authority over the uses allowed on the Cowell Property (the City is) and the District does not control the Cowell Property, the District cannot legally change the land use designation for the Cowell Property, and hence, the District did not include such a change of use in its project proposal.

The alternative is presented in this SEIR to compare the impacts of the proposed project with those that might result if the land use on the Cowell Property were changed by the City in the future. Analysis of this alternative allows the greater community to discern what could take place on the Cowell Property if the City, in concert with the owners of the Cowell Property, later decide to consider alternative uses for the Cowell Property, and how such changed use would potentially avoid or substantially lessen the significant impacts of the project analyzed in the SEIR.

5.2 POTENTIALLY SIGNIFICANT PROJECT IMPACTS

Chapter 4 (Environmental Analysis) of this SEIR describes the potential impacts of the proposed project. As identified in that chapter, the project would result in a number of potentially significant environmental impacts, some of which could be mitigated to less than significant levels and others that would be significant and unavoidable. The following repeats in summary fashion the project's potentially significant impacts, recognizing those that would be mitigated to less than significant levels and those that would be significant and unavoidable:

- Air Quality – Short-term air quality impacts would occur during grading and construction operations associated with implementation of the proposed project. Temporary air emissions would result from particulate emissions from grading and building construction, and exhaust emissions from construction equipment and construction crew motor vehicles. Implementation of mitigation measures would reduce short-term impacts to less than significant.

Emissions generated by vehicle traffic associated with the proposed project would exceed established Bay Area Air Quality Management District (BAAQMD) thresholds for reactive organic gases (ROG) and particulate matter (PM₁₀). As there is no available mitigation, impacts from vehicle emissions would be significant and unavoidable.

The project's exceedance of operational ROG (an ozone precursor) and PM₁₀ emissions would hinder the region's ability achieve compliance with the state ozone standards as expeditiously as practicable. As such, the proposed project would not be consistent with the BAAQMD 2010 Bay Area Clean Air Plan. This would result in a significant and unavoidable impact. It should be

noted that impacts associated with operational emissions for the Vineyards Project were also found to be significant and unavoidable.

The proposed project’s operational emissions would exceed BAAQMD thresholds for ROG and PM₁₀. Therefore, the proposed project, in conjunction with related cumulative projects, would result in cumulatively considerable impacts that would be significant and unavoidable.

- Greenhouse Gas Emissions – No potentially significant impacts associated with greenhouse gas (GHG) emissions were identified.
- Transportation/Traffic – Short-Term - Construction of the proposed project would result in short-term traffic impacts from truck traffic, construction workforce commute trip and traffic detours. Implementation of mitigation measures would reduce short-term impact to less than significant.

Long-Term - The intersection of State Route (SR) 4 Bypass and Marsh Creek Road would degrade from an acceptable level of service (LOS) D to an unacceptable LOS F during the AM peak hour and from an unacceptable LOS D (volume to capacity ratio greater than 0.85) to LOS E during the PM peak hour with the addition of project traffic under future (2035) forecast condition. There is no feasible mitigation for this cumulative impact. As such, this impact would be significant and unavoidable.

5.3 ALTERNATIVE ANALYSIS

5.3.1 ALTERNATIVE LAND USE DESIGNATION

Under the proposed project, the New Brentwood Center community college uses and facilities would be relocated from the approximately 29-acre Cowell Property where it was previously proposed to a 17-acre portion of the 27-acre Pioneer Square site. The Cowell Property is currently designated by the City’s General Plan as Community College and the Pioneer Square site is designated Mixed-Use Business Park. Thus, the proposed project would displace approximately 63 percent (17 acres divided by 27 acres) of the mixed-use development that would otherwise be allowed on the Pioneer Square site. Table 5-1 (Approved Land Uses for Pioneer Square and Cowell Property) presents the land uses approved for Pioneer Square and the Cowell Property as part of the Vineyards Project.

**Table 5-1
Approved Land Uses for Pioneer Square and Cowell Property**

Site	Land Use	Approved Development	
Pioneer Square	Retail	60,150	sq. ft.
	Civic	10,000	sq. ft.
	Office	30,000	sq. ft.
	Hotel	150	rooms
	Winery	112,000	sq. ft.
	Assisted Living	200,000	sq. ft.
	Senior Apartments	350	apts.
Cowell Property	Community College	5,000	students

The Alternative Land Use Designation would change the land use on the Cowell Property from Community College to Mixed-Use Business Park and transfer the 63 percent of Mixed-Use Business Park

uses otherwise allowed on the 17-acre portion of the Pioneer Square site (and now displaced by the proposed project) to the Cowell Property. The ten acres remaining at Pioneer Square would continue to allow Mixed-Use Business Park uses. This alternative would allow no different or greater intensity of uses than those analyzed in the Vineyards EIR. Table 5-2 (Alternative Land Use Designation) shows the development that would be allowed on the Pioneer Square site and the Cowell Property under this alternative.

**Table 5-2
Alternative Land Use Designation**

Site	Land Use	Proposed Development	
Pioneer Square	Retail	22,256	sq. ft.
	Civic	3,700	sq. ft.
	Office	11,100	sq. ft.
	Hotel	56	rooms
	Winery	41,440	sq. ft.
	Assisted Living	74,000	sq. ft.
	Senior Apartments	130	apts.
	Community College	5,000	students
	Cowell Property	Retail	37,894
Civic		6,300	sq. ft.
Office		18,900	sq. ft.
Hotel		94	rooms
Winery		70,560	sq. ft.
Assisted Living		126,000	sq. ft.
Senior Apartments		220	apts.
Note: The portion of Pioneer Square that would be utilized for a community college represents 63 percent of the overall area (17 acres divided by 27 acres). Thus, 63 percent of the mixed-uses otherwise allowed at Pioneer Square would be relocated to the Cowell Property.			

5.3.2 COMPARISON OF IMPACTS

AIR QUALITY

The Alternative Land Use Designation would allow no different or greater intensity of uses than those analyzed in the Vineyards EIR. Under this alternative, the New Brentwood Center would be constructed on a portion of the Pioneer Square site and future development of a project with Mixed-Use Business Park land uses would occur on the Cowell Property at some point in the future.

Daily trips would be reduced to those analyzed in the Vineyards EIR under the Alternative Land Use Designation. Likewise, emissions generated by vehicle traffic would be reduced such that BAAQMD thresholds for ROG and PM₁₀ would not be exceeded and operational air quality impacts would be less than significant. Consequently, this alternative would be consistent with the clean air plan applicable at the time the Vineyards EIR was certified and cumulative air quality impacts would be less than significant. As such, the three significant and unavoidable air quality impacts would be avoided by the Alternative Land Use Designation.

GREENHOUSE GAS EMISSIONS

The proposed project would not result in GHG emissions that would have a significant impact on the environment, nor would it conflict with an applicable GHG reduction plan, policy or regulation. The Alternative Land Use Designation would result in less traffic than the proposed project and, therefore, would produce less GHG emissions. As with the proposed project, the Alternative Land Use Designation would not conflict with an applicable GHG reduction plan, policy or regulation.

TRAFFIC

The Alternative Land Use Designation would result in the same less than significant but mitigable short-term traffic impacts as the proposed project. Under this alternative, the New Brentwood Center would be constructed on a portion of the Pioneer Square site and future development of a project with Mixed-Use Business Park land uses would occur on the Cowell Property at some point in the future.

Trip generation during the AM and PM peak hour would be reduced under the Alternative Land Use Designation and cumulative impacts at the intersection of SR 4 Bypass and Marsh Creek Road would be reduced. Furthermore, this alternative would allow no different or greater intensity of uses than those analyzed in the Vineyards EIR. However, traffic patterns in the project vicinity would differ from those studied in the Vineyards EIR due to the relocation of land uses. Table 5-3 (Preliminary Intersection LOS Results – Cumulative Plus Alternative Land Use Designation) shows the LOS results of a preliminary analysis. These results represent cumulative conditions with buildout of the Vineyards Project including the New Brentwood Center under the Alternative Land Use Designation. As shown in Table 5-3, implementation of the Alternative Land Use Designation would not degrade operations at any of the study intersections in comparison to No Project conditions. Therefore, the significant and unavoidable cumulative traffic impact would be avoided by the Alternative Land Use Designation.

**Table 5-3
Preliminary Intersection LOS Results – Cumulative Plus Alternative Land Use Designation**

Location	Control	Peak Hour	Cumulative No Project		Cumulative Plus Alternative Build Out	
			V/C Ratio or Delay ¹	LOS	V/C Ratio or Delay ¹	LOS
1. John Muir Parkway/Fairview Avenue	Signal	AM	0.51	A	0.51	A
		PM	0.49	A	0.49	A
2. Fairview Avenue/Concord Avenue	Signal	AM	0.47	A	0.47	A
		PM	0.55	A	0.55	A
3. SR 4 Bypass/Marsh Creek Road	Signal	AM	0.87	D	0.87	D
		PM	0.87	D	0.87	D
4. Marsh Creek Road/Vineyards Parkway	Signal	AM	0.52	A	0.42	A
		PM	0.57	A	0.46	A

Note: Volume-to-Capacity ratio determined for all signalized intersections using the CCTA LOS methodology.
Source: Fehr & Peers, 2010

5.3.3 CONCLUSION

As stated above, although the ultimate disposition of the land use designation on the Cowell Property would be decided at a later date by the City not the District, the Alternative Land Designation is presented in this SEIR to compare the impacts of the proposed project with those that might result if the land use on the Cowell Property were changed given that it is not likely that two community college campuses would ever be developed in close proximity to one another. As shown in the analysis above, the Alternative Land Use Designation would lessen the impacts of the project due to a reduction in traffic and, thus, avoid all four significant and unavoidable impacts.

6.0 OTHER CEQA CONSIDERATIONS

6.1 SIGNIFICANT AND UNAVOIDABLE IMPACTS

Section 15162(b) of the California Environmental Quality Act Guidelines (*CEQA Guidelines*) requires an EIR to discuss the significant impacts of a proposed project that cannot be reduced to a less than significant level. These impacts are referred to as “significant and unavoidable impacts” of the project.

6.1.1 AIR QUALITY

As described in Section 4.2 (Air Quality), the proposed project would result in the following significant and unavoidable impacts despite implementation of mitigation and/or transportation demand features proposed as part of the project:

- Emissions generated by vehicle traffic associated with project operation would exceed established Bay Area Air Quality Management District (BAAQMD) thresholds for reactive organic gases (ROG) and particulate matter (PM₁₀).
- The project’s exceedance of operational ROG (an ozone precursor) and PM₁₀ emissions would hinder the region’s ability achieve compliance with the state ozone standards as expeditiously as practicable. As such, the proposed project would not be consistent with the BAAQMD *2010 Bay Area Clean Air Plan*. It should be noted that impacts associated with operational emissions for the Vineyards Project were also found to be significant and unavoidable.
- The proposed project’s operational emissions would exceed BAAQMD thresholds for ROG and PM₁₀. Therefore, the proposed, in conjunction with related cumulative projects, would result in cumulatively considerable impacts.

6.1.2 TRAFFIC

As described in Section 4.4 (Transportation/Traffic), the proposed project would result in the following significant and unavoidable impact:

- The intersection of State Route 4 Bypass and Marsh Creek Road would degrade from an acceptable level of service (LOS) D to an unacceptable LOS F during the AM peak hour and from an unacceptable LOS D (volume to capacity ratio greater than 0.85) to LOS E during the PM peak hour with the addition of project traffic under future (2035) forecast condition. There is no feasible mitigation for this cumulative impact.

6.2 BENEFIT OF PROJECT

In 1999, the Contra Costa Community College District established a Los Medanos Outreach Center in 17,000 square feet of space in the Brentwood Education and Technology Center. This space is leased from the City of Brentwood. The Outreach Center was established to provide core education curriculum for the population of Far East Contra Costa County defined as southeast Antioch, Oakley, Brentwood, Discovery Bay and surrounding communities in unincorporated County lands. This area experienced dramatic residential and commercial growth in the following decade that substantially increased demand for postsecondary education. The District has twice increased the Outreach Center’s size, to 21,000 square feet, but there is no more expansion space in the building. The Outreach Center currently serves in

excess of 1,000 full-time equivalent students, which is a necessary element to qualify for state recognition as a formal Education Center. Recognized Education Centers receive an annual revenue allocation which exceeds \$1,000,000 in state funds for general operations expenses.

The following four considerations are the primary benefits of the project:

- The District will own the facility. This will end ongoing rental expense and provide greater control to modify the facility as educational needs change with the passage of time.
- The project provides sufficient property to develop 84,000 gross square feet of college space. This facility size is projected to be adequate for long-range educational needs in the enrollment area.
- The facility is in an ideal central location to serve the enrollment area and has access within one quarter of a mile to the state highway serving that area. The current leased facility is several miles from the highway which decreases its apparent accessibility and convenience for people seeking higher education.
- Ownership of the facility provides one of the remaining elements necessary to qualify for recognition as a formal Education Center. The state wants to ensure that its investment in a formal Education Center is permanently secure.

7.0 REPORT PREPARATION PERSONNEL

7.1 CONTRA COSTA COMMUNITY COLLEGE DISTRICT

Kindred Murillo Vice Chancellor
Ray Pyle Chief Facilities Planner
Howard Sword Consultant

7.2 RBF CONSULTING

(EIR Consultant)
Achilles Malisos..... Environmental Planner
Kara Spencer..... Environmental Planner
Kristie Wheeler..... Project Manager

7.3 FEHR & PEERS

(Traffic Consultant)
Ellen Robinson, P.E. Transportation Engineer
Kathrin Telliz, AICP Transportation Planner

8.0 REFERENCES

The following is a list of references used in the preparation of this document. Unless include in the Appendices, copies of all reference reports, memorandums and letters are on file with the Contra Costa Community College District. References to publications prepared by federal, state and local agencies may be found with the agency responsible for providing such information.

Bay Area Air Quality Management District, *CEQA Air Quality Guidelines*, June 2010.

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U.S. Environmental Protection Agency, <http://www.epa.gov/otaq/climate/ca-waiver.htm>, accessed on September 21, 2010.

Appendix A

Notice of Preparation and Public Comments

Date of Mailing: November 18, 2010

Notice of Preparation

To: Office of Planning and Research
State Clearinghouse
1400 Tenth Street, Room 212
Sacramento, CA 95814

From: Contra Costa Community College District
500 Court Street
Martinez, CA 94553
Attn.: Ray Pyle, Chief Facilities Planner

Responsible and Trustee Agencies,
Utility Providers, and
Neighboring Property Owners

Subject: Notice of Preparation of a Supplemental Environmental Impact Report

The Contra Costa Community College District (District) will be the lead agency and will prepare a Supplemental Environmental Impact Report (SEIR) for the proposed New Brentwood Center (project). The SEIR will supplement the Vineyards at Marsh Creek and Annexation Sites EIR (SCH No. 2003062019), which was certified by the City of Brentwood in 2004. This Notice of Preparation is sent pursuant to Section 15082 of the California Environmental Quality Act (CEQA) Guidelines to announce the initiation of the SEIR process and to solicit comments from responsible and trustee agencies, utility providers, and neighboring property owners concerning the scope of issues to be addressed in the SEIR. Please focus your comments on the project's potential environmental impacts and recommendations for methods of avoiding, reducing or otherwise mitigating those impacts. If you are a governmental agency with discretionary authority over initial or subsequent aspects of this project, describe that authority and provide comments regarding potential environmental effects that are germane to your agency's area of responsibility.

Project Title: Contra Costa Community College District – New Brentwood Center Project

Project Location: The 17-acre project site is located in the City of Brentwood in eastern Contra Costa County, generally west of the intersection of the State Route 4 (SR 4) Bypass and Marsh Creek Road. The site is within the larger Vineyards at Marsh Creek project area, and is a portion of Pioneer Square, located northeast of Vineyards Parkway. The project site is comprised on the following eleven Assessor's Parcel Nos.: 007-570-001, -003, -004, -005, -006, -007 and -008, 007-580-001, -002, -003, and -004. Refer to Figure 1 (Regional Location Map), Figure 2 (Local Vicinity) and Figure 3 (Conceptual Site Plan).

Project Description: The project proposes the construction of a new education center, a satellite site of Los Medanos College, that would serve a maximum of 5,000 full- and part-time students. The center would have a total of 80 full-time and 200 part-time employees, including faculty and staff. As an education center, the proposed project would offer general education curriculum, but would not function as a full-service community college campus. Consequently, it would be limited to classrooms, laboratories and administrative and faculty offices and would not have other uses typically associated with a community college campus, such as a library, gymnasium, athletic fields, auditorium/theatre,

*Contra Costa Community College District
500 Court Street
Martinez, California 94553
Phone: (925) 229-1000*

cafeteria, bookstore, student union or other student services.

Two, approximately 42,000-square-foot buildings would be located near the center of the project site for a total of approximately 84,000 square feet of classroom/office space. Each building would be two stories and approximately 35 feet in height. A total of 1,366 parking spaces would be provided in two surface lots. A new circular roadway would provide access to the site from future Miwok Avenue, which would intersect Vineyards Parkway. A variety of drought-tolerant landscape materials would be planted throughout the site, including adjacent to the proposed buildings, within the parking lots and along the perimeter of the site. In addition, several existing mature oaks would be retained. In general, the site would be graded so that it would drain to the adjacent stormwater detention basin.

Probable Environmental Effects: The purpose of the SEIR is to provide full disclosure, in advance, of the potential environmental impacts that would result from implementation of the proposed project. The SEIR will analyze the extent to which the project design and alternatives would result in significant environmental impacts and will identify appropriate project modifications or mitigation measures to reduce or eliminate these impacts. Based on changed circumstances since certification of the Vineyards at Marsh Creek and Annexation Sites EIR, the SEIR will address potential environmental impacts on air quality, greenhouse gas emissions and traffic.

Scoping: The District invites written comments on the scope of the SEIR that should be considered. Due to the time limits mandated by state law, your response must be sent at the earliest possible date, **but no later than 30 days after receipt of this notice**. Written comments should be sent to Ray Pyle at the mailing address above by **5:00 p.m. on December 20, 2010**.

Comments should focus on identifying specific environmental impacts to be evaluated during the SEIR process and suggesting project modifications or alternatives that would be less environmentally damaging while achieving similar project objectives. Scoping comments should focus on issues and alternatives to be studied, not on expressing a preference for a particular alternative.

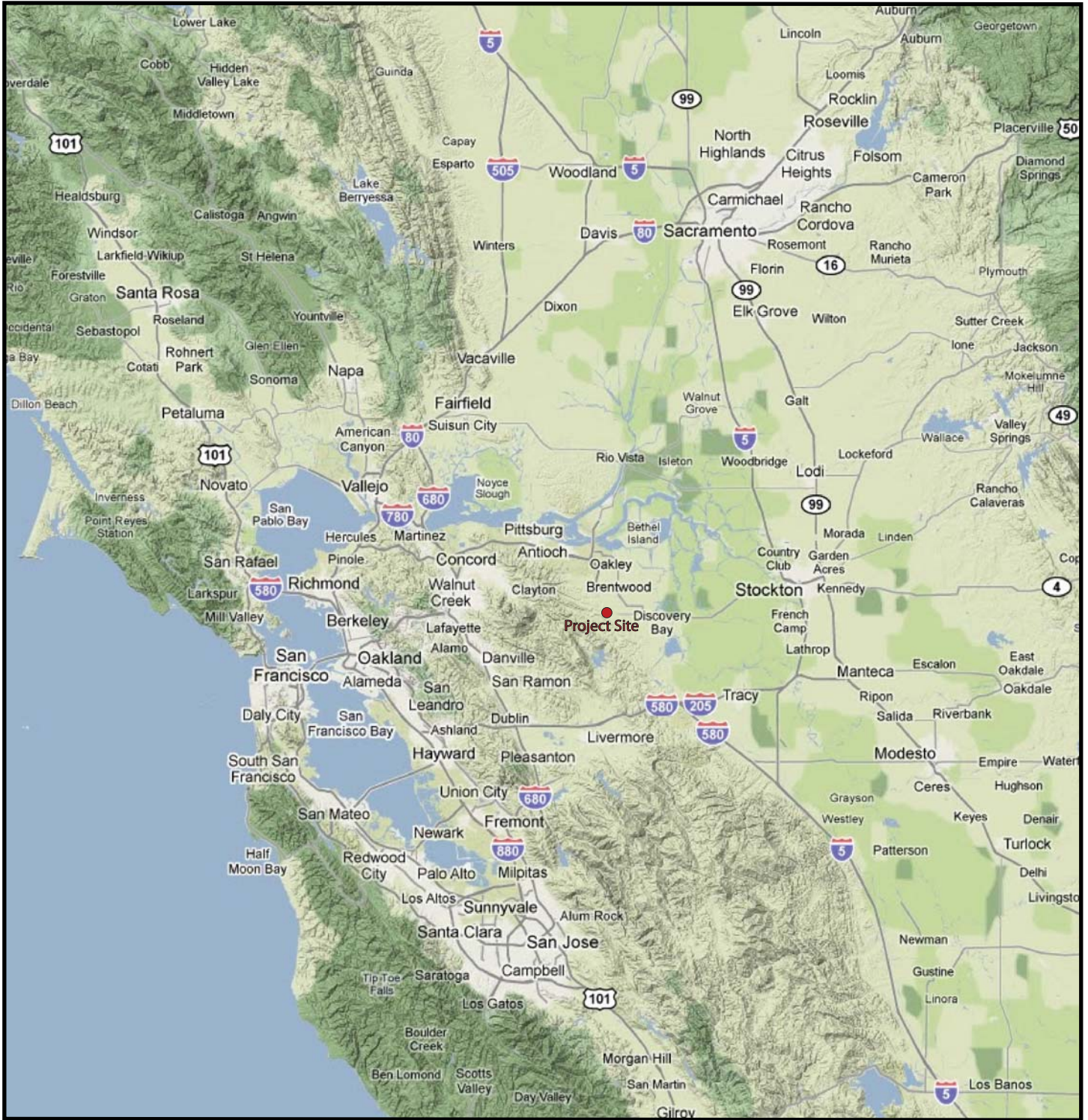
If you wish to be placed on a mailing list to receive further information as the project progresses, please contact Ray Pyle at (925) 229-1000, rpyle@4cd.net or the mailing address above.

Date: November 18, 2010

Signature: 

Title: Chief Facilities Planner

Reference: California Code of Regulations, Title 14, (State CEQA Guidelines) Sections 15082(A), 15103, 15375



Source: Google Maps, 2010



Not to scale

JN 35-101065

Contra Costa Community College District - New Brentwood Center

Regional Location Map

Figure 1



Source: Google Maps, 2010



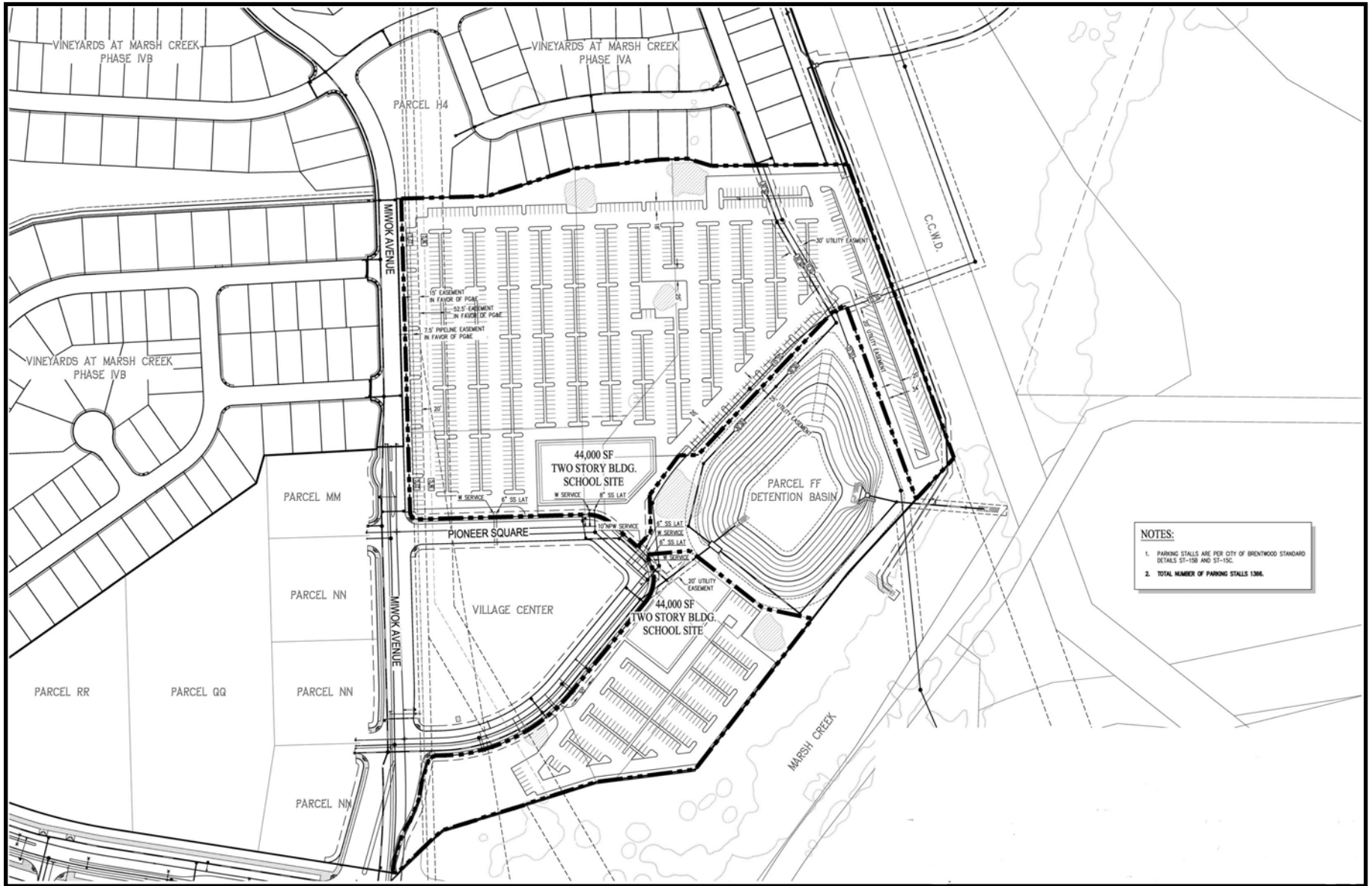
Not to Scale

JN 35-101065

Contra Costa Community College District - New Brentwood Center

Local Vicinity

Figure 2



Source: Carson, Barbee & Gibson, Inc., 2009



**CONTRA COSTA
WATER DISTRICT**

1331 Concord Avenue
P.O. Box H20
Concord, CA 94524
(925) 688-8000 FAX (925) 688-8122
www.ccwater.com

REC'D JAN 03 2011

Directors

Joseph L. Campbell
President

Karl L. Wandry
Vice President

Bette Boatman
Lisa M. Borba
John A. Burgh

Jerry Brown
General Manager

December 21, 2010

VIA FACSIMILE (925) 335-9697
Hard Copy to Follow

Mr. Ray Pyle, Chief Facilities Planner
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

**Subject: Request for Project Review – Notice of Preparation for a
Supplemental Environmental Impact Report for the proposed New
Brentwood Center**

Dear Mr. Pyle:

The Contra Costa Water District (CCWD) is in receipt of a Notice of Preparation for the proposed New Brentwood Center, a satellite site of Los Mendanos College in the City of Brentwood in eastern Contra Costa County. The project is outside CCWD's treated water service area. The applicant should consult with the local water purveyor having jurisdiction over this area. An existing sewer pipeline crosses CCWD's Los Vaqueros pipeline easement which has within it a large diameter water transmission pipeline.

CCWD has the following comments on the project which should be comprehensively evaluated in the Supplemental Environmental Impact Report.

- CCWD should be consulted prior to any improvements to the sewer.
- Heavy equipment used in construction shall be prevented from traveling on the pipeline within the easement without CCWD approval.
- CCWC would need to issue an encroachment permit should access to CCWD's easement be required during construction.

Ray Pyle
Contra Costa Community College District
12.21.10

Please contact Richard Broad at (925) 688-8013 or I may be contacted at (925) 688-8119 should you have further questions.

Sincerely,

A handwritten signature in cursive script that reads "Mark A. Seedall". The signature is written in dark ink and is positioned below the word "Sincerely,".

Mark A. Seedall
Principal Planner

MAS/jmt



DEPARTMENT OF FISH AND GAME

John McCamman, Director

Bay Delta Region
7329 Silverado Trail
Napa, CA 94558
(707) 944-5500
www.dfg.ca.gov



December 14, 2010

Mr. Ray Pyle
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Dear Mr. Pyle:

Subject: New Brentwood Center, Notice of Preparation, SCH #2010112046,
City of Brentwood, Contra Costa County

Thank you for providing the Department of Fish and Game (DFG) with the opportunity to comment on the Notice of Preparation (NOP) of an Environmental Impact Report (EIR) for the New Brentwood Center (proposed project). The proposed project consists of construction of a new education center that would serve a maximum of 5,000 full- and part-time students. Two 42,000-square-foot buildings would be located near the center of the project site and a total of 1,366 parking spaces would be provided in two surface parking lots. DFG has the following comments regarding preparation of the EIR for this project.

Please provide a complete assessment (including but not limited to type, quantity and locations) of the habitats, flora and fauna within and adjacent to the project area, including endangered, threatened, and locally unique species and sensitive habitats. The assessment should include the reasonably foreseeable direct and indirect changes (temporary and permanent) that may occur with implementation of the project. Rare, threatened and endangered species to be addressed should include all those which meet the California Environmental Quality Act (CEQA) definition (see CEQA Guidelines, Section 15380). DFG recommended survey and monitoring protocols and guidelines are available at [http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/Protocols for Surveying and Evaluating Impacts.pdf](http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/Protocols_for_Surveying_and_Evaluating_Impacts.pdf).

Please be advised that a California Endangered Species Act (CESA) Permit must be obtained if the project has the potential to result in take of species of plants or animals listed under CESA, either during construction or over the life of the project. Issuance of a CESA Permit is subject to CEQA documentation; therefore, the CEQA document must specify impacts, mitigation measures, and a mitigation monitoring and reporting program. If the project will impact CESA listed species, early consultation is encouraged, as significant modification to the project and mitigation measures may be required in order to obtain a CESA Permit. Please contact the East Contra Costa Habitat Conservancy to ensure that the project will not conflict with the East Contra Costa Habitat Conservation Plan/Natural Communities Conservation Plan.

Mr. Ray Pyle
December 14, 2010
Page 2

For any activity that will divert or obstruct the natural flow, or change the bed, channel, or bank (which may include associated riparian resources) of a river or stream, or use material from a streambed, DFG may require a Lake and Streambed Alteration Agreement (LSAA), pursuant to Section 1600 et seq. of the Fish and Game Code, with the applicant. Issuance of an LSAA is subject to CEQA. DFG, as a responsible agency under CEQA, will consider the CEQA document for the project. The CEQA document should fully identify the potential impacts to the stream or riparian resources and provide adequate avoidance, mitigation, monitoring and reporting commitments for completion of the agreement. To obtain information about the LSAA notification process, please access our website at <http://www.dfg.ca.gov/habcon/1600/>; or to request a notification package, contact the Lake and Streambed Alteration Program at (707) 944-5520.

If you have any questions, please contact Ms. Randi Adair, Environmental Scientist, at (707) 944-5596; or Mr. Liam Davis, Habitat Conservation Supervisor, at (707) 944-5529.

Sincerely,



for Scott Wilson
Acting Regional Manager
Bay Delta Region

cc: State Clearinghouse

DEPARTMENT OF TRANSPORTATION

111 GRAND AVENUE
P. O. BOX 23660
OAKLAND, CA 94623-0660
PHONE (510) 622-5491
FAX (510) 286-5559
TTY 711



*Flex your power!
Be energy efficient!*

December 15, 2010

CC004061
CC-004-R38.77
SCH #2010112046

Mr. Ray Pyle
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Dear Mr. Pyle:

New Brentwood Center Project – Notice of Preparation (NOP)

Thank you for including the California Department of Transportation (Department) in the environmental review process for the New Brentwood Center Project. The following comments are based on the NOP. As the lead agency, the Contra Costa Community College District is responsible for all project mitigation, including any needed improvements to state highways. The project's fair share contribution, financing, scheduling, implementation responsibilities and lead agency monitoring should be fully discussed for all proposed mitigation measures. Required roadway improvements should be completed prior to issuance of the Certificate of Occupancy. Since an encroachment permit is required for work in the State right of way (ROW), and the Department will not issue a permit until our concerns are adequately addressed, we strongly recommend that the Contra Costa Community College District work with both the applicant and the Department to ensure that our concerns are resolved during the California Environmental Quality Act (CEQA) process, and in any case prior to submittal of a permit application. Further comments will be provided during the encroachment permit process.

Traffic Impact Study (TIS)

Please include the information detailed below in the TIS to ensure that project-related impacts to State roadway facilities are thoroughly assessed. We encourage the Contra Costa Community College District to coordinate preparation of the study with our office, and we would appreciate the opportunity to review the scope of work. The Department's "*Guide for the Preparation of Traffic Impact Studies*" should be reviewed prior to initiating any traffic analysis for the project; it is available at the following website:

<http://www.dot.ca.gov/hq/traffops/developserv/operationalsystems/reports/tisguide.pdf>

The TIS should include:

1. Vicinity map, regional location map, and a site plan clearly showing project access in relation to nearby State roadways. Ingress and egress for all project components should be clearly

identified. State ROW should be clearly identified.

2. The maps should also include project driveways, local roads and intersections, parking, and transit facilities.
3. Project-related trip generation, distribution, and assignment. The assumptions and methodologies used to develop this information should be detailed in the study, and should be supported with appropriate documentation.
4. Average Daily Traffic, AM and PM peak hour volumes and levels of service (LOS) on all significantly affected roadways, including crossroads and controlled intersections for existing, existing plus project, cumulative and cumulative plus project scenarios. Calculation of cumulative traffic volumes should consider all traffic-generating developments, both existing and future, that would affect study area roadways and intersections. *The analysis should clearly identify the project's contribution to area traffic and degradation to existing and cumulative levels of service. Lastly, the Department's LOS threshold, which is the transition between LOS C and D, and is explained in detail in the Guide for Traffic Studies, should be applied to all State facilities.*
5. Schematic illustration of traffic conditions including the project site and study area roadways, trip distribution percentages and volumes as well as intersection geometrics, i.e., lane configurations, for the scenarios described above.
6. The project's consistency with both the Circulation Element of the General Plan and the Contra Costa County Congestion Management Agency's Congestion Management Plan should be evaluated.
7. Mitigation should be identified for any roadway mainline section or intersection with insufficient capacity to maintain an acceptable LOS with the addition of project-related and/or cumulative traffic.
8. Special attention should be given to the following trip-reducing measures:
 - Coordinating with transit providers, to increase transit use by expanding routes and emphasizing express service to regional rail stations, and by providing bus shelters with seating at any future bus pullouts,
 - Providing transit information to all future students and employees, and
 - Encouraging bicycle- and pedestrian-friendly design.

Please forward three hard copies and one CD of the environmental document, along with the TIS, including Technical Appendices, and staff report to the address below as soon as they are available.

Mr. Ray Pyle/ Contra Costa Community College District
December 15, 2010
Page 3

Luis Melendez
Community Planning Office, Mail Station 10D
California DOT, District 4
P.O. Box 23660
Oakland, CA 94623-0660

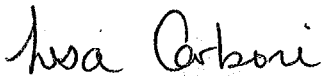
Encroachment Permit

Any work or traffic control within the State ROW requires an encroachment permit that is issued by the Department. Traffic-related mitigation measures will be incorporated into the construction plans during the encroachment permit process. See the following website link for more information: <http://www.dot.ca.gov/hq/traffops/developserv/permits/>

To apply for an encroachment permit, submit a completed encroachment permit application, environmental documentation, and five (5) sets of plans which clearly indicate State ROW to the address at the top of this letterhead, marked ATTN: Michael Condie, Mail Stop #5E.

Please feel free to call or email Luis Melendez of my staff at (510) 286-5606 or Luis_Melendez@dot.ca.gov with any questions regarding this letter.

Sincerely,



LISA CARBONI
District Branch Chief
Local Development – Intergovernmental Review

c: State Clearinghouse

bc: L Carboni/ LMelendez/ File/ Permits/ chron File

Appendix B

Applicable Mitigation Measures

APPENDIX B – Applicable Mitigation Measures

The following mitigation measures from the Vineyards at Marsh Creek and Annexation Sites EIR are applicable to the proposed project. However, in certain instances some aspect of the mitigation may no longer apply due to changed circumstances associated with the project or the project setting, or because the project, as a community college is exempt from local planning laws. Also, in certain instances some aspect of the mitigation has already been implemented. In both these instances, a line appears through the text (~~like this~~), indicating it has been stricken from the mitigation measures. Where new text is added, it appears in **bold**.

Aesthetics

Mitigation 3.7-A.1 Degradation of Visual Character – Vineyards Project. The project proponent shall prepare a landscaping plan. ~~that will be reviewed and approved by the City of Brentwood's Planning Commission prior to approval of the Planned Development zone.~~ The plan shall be prepared by a licensed landscape architect and shall pay special attention to screening portions of the development that may be considered visually unappealing and disharmonious from view of the John Marsh Home and surrounding State Park. ~~Any industrial portions of the Village Center and winery shall be screened from offsite residences and roadways. Agricultural staging areas and~~ **Equipment storage areas shall also be screened from the view of offsite residences, the John Marsh Home, and roadways.** ~~The plan shall be in conformance with the parameters established in the Brentwood Municipal Code § 17.630.010.~~

Mitigation 3.7-G.1. Light and Glare – Vineyards Project. The project proponent shall prepare a lighting plan. ~~that shall be part of the review and approval by the Brentwood Planning Commission.~~ To minimize potential disturbance that may be caused by outdoor lighting to the maximum extent possible, and to avoid excessive contributions to atmospheric nightsky conditions, outdoor lighting shall include the following standards:

- Parking lot and exterior building lighting shall be installed to the approval of the Community Development and Police Departments.
- All lighting shall be shielded from abutting properties.
- No lighting shall be of the type or in a location such that it constitutes a hazard to vehicular traffic, either on private property or on abutting streets.
- The spacing and height of the standards and luminars shall be such that a maximum of seven foot candles and a minimum of one foot candle of illumination are obtained on all vehicle access ways and parking areas.
- The height of light standards shall not exceed 20 feet.
- To prevent damage from automobiles, standards shall be mounted on reinforced concrete pedestals or otherwise protected.
- Under canopy lighting elements shall be recessed or concealed in such a manner as not to be directly visible from a public street.
- Lighting shall be installed around the perimeter of the building and be vandal resistant.

Mitigation 3.7-G.2. Light and Glare – Vineyards Project. To minimize glare generated by the proposed project, the project proponent shall design the project with non-reflective

glass and construction materials to the extent feasible. ~~The glass and building materials shall be part of the review and approval by the Planning Commission.~~

Biological Resources

Mitigation 3.8-E.1. California Red-legged Frog (CRLF) – Vineyards Project. A qualified biologist will conduct pre-construction surveys for CRLF in all construction areas located within 300 feet of Marsh Creek. Following preconstruction surveys with negative results, all vegetation within the project impact area adjacent to and in the creek (or other relevant wetland habitats) will be removed and exclusion fencing will be established around the perimeter of the project impact area.

If CRLF are found at or near the site **then the project proponent shall implement all conditions pertaining to CRLF which are included in the incidental take authorization issued by USFWS for the Vineyards at Marsh Creek project.** ~~and the applicant has previously obtained incidental take authorization from the USFWS for this species, then the applicant shall implement any conditions which are included with that authorization.~~

~~If CRF are found at or near the site and the applicant has not obtained incidental take authorization from the USFWS for this species, then the observed frog(s) will be allowed to move naturally out of the construction zone. Once it is determined that CRF are not present in the construction zone, the construction zone will be cleared of vegetation and silt fencing buried six inches below ground surface will be installed between the construction zone and Marsh Creek to prevent CRF from moving back into the construction area.~~

Once exclusion fencing has been erected between the project construction zone and Marsh Creek, a qualified biologist will then survey the construction zone to confirm that no CRLF are present. In addition, the applicant shall take appropriate measures to ensure that CRLF are not affected by project activities. Such measures may include minimization of disturbance within the banks of the creek, minimization of construction and staging impacts within riparian habitat, additional pre-construction surveys for CRLF, and periodic monitoring of the site for this species during construction.

Mitigation 3.8-E.2. California Red-legged Frog – Vineyards Project. A qualified biologist will provide project contractors and construction crews with a worker-awareness program before any work within Marsh Creek or adjacent upland habitats that are appropriate for CRLF. This program will be used to describe the species, its habits and habitats, its legal status and required protection, and all applicable mitigation measures.

Mitigation 3.8-F.1. Western Pond Turtle – Vineyards Project. A qualified biologist will conduct pre-construction surveys for western pond turtles in all construction areas located within 300 feet of Marsh Creek or stock ponds. If a western pond turtle is found during pre-construction surveys, it will be relocated as necessary to a location in Marsh Creek deemed suitable by the biologist (i.e., at a location in Marsh Creek which is a sufficient distance from construction activities). Because attempting to locate pond turtle nests will not result in a realistic probability of detection, if a western pond turtle is found in Marsh Creek adjacent to the site, exclusion fencing will be used to eliminate the possibility of nest establishment in uplands adjacent to that portion of Marsh Creek. This

measure may be required for other species (see mitigation for California red-legged frog).

Mitigation 3.8-F.2. Western Pond Turtle – Vineyards Project. A qualified biologist will provide project contractors and construction crews with a worker-awareness program before any work within Marsh Creek or adjacent upland habitats that are appropriate for western pond turtles. This program will be used to describe the species, its habits and habitats, its legal status and required protection, and all applicable mitigation measures.

Mitigation 3.8-G1. Tree Nesting Raptors – Vineyards Project. Demolition and construction should be scheduled, to the extent feasible, to avoid the nesting season, which extends from February through August. If it is not possible to schedule demolition and construction between September and January, then one of the following options (Mitigation 3.8-G2. or 3.8-G3.) shall be implemented.

AND

Mitigation 3.8-G.2. Tree Nesting Raptors – Vineyards Project. Trees containing known or potential raptor nest sites may be removed during the non-breeding season to discourage future nesting attempts on the condition that no raptor pair is currently utilizing the nest site. Monitoring evidence that any nests in trees planned for early removal are unattended by reproductive-aged birds must be provided. Alternatively, Mitigation 3.8-G.3 may be used.

OR

Mitigation 3.8-G.3. Tree Nesting Raptors – Vineyards Project. Pre-construction surveys for nesting raptors shall be conducted by a qualified biologist to ensure that no raptor nests will be disturbed during project implementation. A pre-construction survey shall be conducted no more than 14 days prior to the initiation of demolition/construction activities during the early part of the breeding season (January through April) and no more than 30 days prior to the initiation of these activities during the late part of the breeding season (May through August). During this survey, a qualified biologist shall inspect all trees in and immediately adjacent to the impact areas for raptor nests. If an active raptor nest is found sufficiently close (as determined by the qualified biologist) to the construction area to be affected by these activities, the qualified biologist shall determine a construction-free buffer zone to be established around the nest.

Mitigation 3.8-I. Swainson's Hawk – Vineyards Project. In order to ensure that nesting Swainson's Hawks will not be affected by construction in the project area, a qualified biologist shall conduct pre-construction surveys. Survey Period I occurs from January 1 – March 20, Period II from March 20 – April 5, Period III from April 5 – April 20, Period IV from April 21 – June 10, and Period V is from June 10 – July 30. Three surveys shall be completed in at least each of the two survey periods immediately prior to a project's initiation. If a nest site is found, then, similar to Mitigation Measures 3.8-G.2 and G.3, above, either of the following procedures must be followed:

1. Trees containing known or potential raptor nest sites may be removed during the non-breeding season to discourage future nesting attempts on the condition that no Swainson's Hawk pair is currently utilizing the nest site. Monitoring evidence

that any nests in trees planned for early removal are unattended by reproductive-aged birds must be provided; or

2. If an active Swainson's Hawk nest is found **on or** sufficiently close (as determined by the qualified biologist) to the construction area to be affected by construction activities, a qualified biologist shall determine the extent of a construction-free buffer zone to be established around the nest **and an incidental take permit (2081 permit) shall be obtained from California Department of Fish and Game prior to impacting the tree or initiating project construction.**

Mitigation 3.8-H.1. Burrowing Owl – Vineyards Project. Numbers and locations of burrowing owls will be periodically monitored until project implementation in order to determine the number and location of burrowing owls on the project site.

Mitigation 3.8-H.3. Burrowing Owl – Vineyards Project. Passive relocation techniques, following CDFG (1995) guidelines, involve the placement of one-way exclusion devices on occupied and potentially occupied burrows. This is done to 'evict' owls from sites, to preclude nest establishment and/or the probability of killing owls. However, because the property is 481 acres, and occupied by California ground squirrels which continually create new burrows, monitoring of the owl population on site will be necessary in addition to implementation of this method.

Given the size of this project, the applicant shall employ the following approach. Monitoring should be conducted at a level of effort appropriate to the season and apparent owl population to identify specific locations within the project site that are occupied by owls (i.e., if initial observations detect numerous owls, more survey and monitoring effort is indicated. Conversely, a paucity of owl observations may indicate that little monitoring is required to achieve the requisite level of confidence that no owls will be harmed). Owls shall be excluded from all occupied burrows within the project area. Any owl eviction must be completed outside the Burrowing Owl breeding season.

Mitigation 3.8-H.4. Burrowing Owl – Vineyards Project. Ground squirrels create and maintain burrows used by Burrowing Owls. However, as explained above, successfully excluding owls from large sites with extant squirrel populations, using only one-way doors, is difficult to implement with a reasonable probability of success. Accordingly, habitat management, in addition to passive eviction and monitoring will be used. In areas where construction is proposed during the nesting season (February – August), habitat management measures shall be performed outside of the nesting season designed to reduce burrow availability and habitat quality. This measure must be preceded by surveys (see Mitigations H.1 and H.3), to ensure that this activity does not result in loss of individual burrowing owls.

Mitigation 3.8-J. Nesting Special-Status Passerines – Vineyards Project. If construction is to occur during the breeding season (February – August), pre-construction surveys in habitats appropriate for the Loggerhead Shrike, California Horned Lark, and California Yellow Warbler should be conducted by a qualified biologist no more than 15 days prior to the initiation of construction in any given area. Pre-construction surveys should be used to ensure that no nests will be disturbed during project implementation. If nests are found during these surveys, the preferred mitigation will be to determine whether the nest will become complete before the onset of construction activities. In this event, the

nest will be allowed to remain undisturbed. Alternatively, if the status of the nest at the time of detection, coupled with the species' specific egg-laying, incubation, and chick-rearing interval indicates that the nest will not be completed prior to the onset of otherwise approved construction, arrangements will be made to transport the nest to a CDFG-approved wildlife rehabilitation facility. The nest will be protected by a construction and disturbance-free buffer of sufficient size until the eggs hatch. Following hatch and a sufficient interval for any chicks to become capable of self-thermoregulation, the entire nest and contents will be transported to the approved facility for rearing.

Mitigation 3.8-K.1. Special-Status Bat Species – Vineyards Project. A pre-demolition survey for roosting bats should be conducted prior to any removal of trees. The survey should be conducted by a qualified biologist (i.e., a biologist holding a CDFG collection permit and a Memorandum of Understanding with CDFG allowing the biologist to handle and collect bats). No activities that would result in disturbance to active roosts would proceed prior to completion of the surveys. If no active roosts are found, then no further action would be warranted. If either a maternity roost or hibernacula is present, the following mitigation measure shall be implemented.

Mitigation 3.8-K.2. Special-Status Bat Species – Vineyards Project. If active maternity roosts or hibernacula are found in trees which will be removed as part of project construction, demolition of that tree should commence before maternity colonies form (i.e., prior to March 1) or after young are volant (flying) (i.e., after July 31). Disturbance-free buffer zones as determined by a qualified bat biologist should be observed during the maternity roost season (March 1 - July 31).

If a non-breeding bat hibernacula is found in a tree scheduled to be removed, the individuals should be safely evicted, under the direction of a qualified bat biologist (as determined by a Memorandum of Understanding with CDFG), by opening the roosting area to allow airflow through the cavity. Demolition should then follow at least one night after initial disturbance for airflow. This action should allow bats to leave during darkness, thus increasing their chance of finding new roosts with a minimum of potential predation during daylight.

Trees with roosts that need to be removed should first be disturbed at dusk, just prior to removal that same evening, to allow bats to escape during the darker hours.

Mitigation 3.8-M. Potential Take of Kit Foxes – Vineyards Project. The following mitigation measures would result in less than significant impacts to the potential loss of individual kit foxes during Vineyards project construction:

- Pre-construction surveys shall be conducted no less than 14 days and no more than 30 days prior to the beginning of ground disturbance and/or construction activities for any project activity likely to impact the San Joaquin kit fox. If construction is phased, pre-construction surveys shall be conducted for each phase according to the timing and schedule stated above.
- An employee education program shall be conducted. A qualified biologist will provide project contractors and construction crews with a worker-awareness program before any grading or construction work occurs on the Vineyards project site. This program will be used to describe the species, its habits and habitats, its legal status and required protection, and all applicable mitigation measures

- Project-related vehicles shall observe a 20-mph speed limit in the project area, except on county roads and State and Federal highways; this is particularly important at night when kit foxes are most active.
- To the extent practicable, nighttime construction shall be minimized.
- Off-road traffic outside of designated project areas shall be prohibited.
- To prevent inadvertent entrapment of kit foxes or other animals during the construction phases of the projects, all excavated, steep-walled holes or trenches more than two feet deep shall be covered at the close of each working day by plywood or similar materials or equipped with one or more escape ramps constructed of earth fill or wooden planks. Before such holes or trenches are filled, they shall be thoroughly inspected for trapped animals.
- All construction pipes, culverts, or similar structures with a diameter of four inches or greater that are stored at a construction site for one or more overnight periods shall be thoroughly inspected for kit foxes before the pipe is subsequently buried, capped, or otherwise used or moved in anyway. If a kit fox is discovered inside a pipe, that section of pipe shall not be moved until the Service has been consulted. If necessary, and under the direct supervision of a qualified biologist, the pipe may be moved once to remove it from the path of construction activity.
- All food related trash items; such as wrappers, cans, bottles, and food scraps, shall be disposed of in a closed container and removed at least once a week from a construction or project site.

Mitigation 3.8-R. Encroachment Upon the Great Valley Mixed Riparian Forest of Marsh Creek – Vineyards Project. If encroachment into the riparian setback is necessary, then a commensurate amount of riparian habitat along Marsh Creek will be enhanced to compensate for the loss of habitat caused by the encroachment. Part of the enhancement area may be the restoration of the area previously affected by the ECCID irrigation canal. The ratio of enhancement habitat will vary depending upon the extent of encroachment into the 100 foot setback buffer: encroachment into the first 50% shall be mitigated at a ratio of 1:1 (mitigation:impacts); encroachment into the remaining 50% shall be mitigated at a ratio of 2:1 (mitigation:impacts).

Cultural Resources

Mitigation 3.12-A. Substantial Adverse Change in the Significance of Archaeological Site CCO-548 – Vineyards Project. Prior to the construction of the Village Center area, the proposed Marsh Creek Trail Segment, and other improvements and construction activities within the southeastern section of the Vineyards site, a program to mitigate impacts to CCO-548 shall be developed and implemented. The mitigation program shall include (but not be limited to) the following actions:

- Avoidance: Consultation with a qualified archaeologist during design of projects in the vicinity of CCO-548. To the extent feasible, construction activity shall avoid resources within CCO-548.
- Controlled Data Recovery: If avoidance of resources in CCO-548 is not feasible, a qualified archaeologist shall conduct controlled data recovery of resources. Resources shall be catalogued and analyzed and a final report of findings of

mitigation data shall be submitted to the Northwest Information Center to demonstrate that mitigation has been completed.

- Archaeological Monitoring/Recordation/Removal: A qualified archaeologist shall monitor all construction related grading and earthmoving activities in the southeastern portion of the Vineyards site. If cultural resources are encountered during construction, all work within the vicinity of the find shall stop immediately. The cultural resource shall be identified, recorded, and/or removed by a qualified archaeologist before grading and trenching activities can recommence in the area of discovery.
- If any human remains are discovered, all work within the vicinity of the discovery shall stop immediately and the County Coroner will be notified.
- Human remains that are encountered shall be sensitively treated under the professional guidance of a qualified archaeologist. Any human remains that are identified in areas that will be impacted by construction activities shall be exposed utilizing standard archaeological procedures. All skeletal material and associated grave goods shall be carefully removed for reburial in an area as close to their original location as possible. This area shall be protected from future disturbance. Burial inventories shall be completed and made available for inspection at the completion of burial removal.

Geology and Soils

Mitigation 3.9-C. Strong Seismic Ground-Shaking - Vineyards Project: Prior to issuance of grading permits a qualified engineering geologist shall be retained to prepare a detailed geotechnical engineering design study for proposed building sites. Any recommended design and engineering solutions to ensure sufficient foundation stability shall be incorporated into the project's design plans. Prior to the issuance of the first building permit, the ~~Brentwood Building Official~~ **State Architect** shall verify that the project conforms to the seismic requirements stipulated in the Uniform Building Code (UBC) for Seismic Zone 4, the zone of highest seismic risk.

Mitigation 3.9-K. Expansive Soil - Vineyards Project: As required by the UBC, site-specific detailed design studies shall be prepared by a licensed engineering geologist and reviewed by the ~~Brentwood Building Official~~ **State Architect** prior to the issuance of grading permits for any development on the Vineyards at Marsh Creek project site. The evaluation of expansive soils and the formulation and implementation of design criteria for foundation and pavement design in expansive soils shall be addressed. Such criteria shall include one or more of the following:

- Minimize the use of expansive soil as fill within upper portions of building pads.
- Compact expansive soil fill wetter than optimum moisture content.
- Extend shallow foundations below the zone of seasonal moisture fluctuations.
- Use deep foundations such as drilled piers, or stiff grid or mat foundations that can move without cracking, in areas of expansive soil or rock.
- Control site drainage to minimize seasonal wetting and drying of expansive materials.
- Provide non-expansive fill layers under foundations, slabs, and pavements.
- Treat expansive soils with lime or cement in the area of improvements to reduce the effects of expansive materials.

All recommendations of the ~~Building Official~~, and the engineering geologist, shall be incorporated in the proposed construction plan, prior to approval of the grading permit. The engineering geologist services shall be retained throughout site grading and s/he shall be contacted prior to grading and when onsite conditions necessitate deviations from the approved plan. The engineering geologist shall conduct assessments on a regular basis during site grading and initial construction phases.

Hazards or Hazardous Materials

Mitigation 3.11-C. Reasonably Foreseeable Upset and Accident Involving Hazardous Materials Release – Vineyards Project. Prior to the issuance of the first grading permit, the applicant will be required to obtain “as built” drawings or otherwise validate the location, size and depth of underground crude oil and natural gas pipelines. No construction shall occur within 10 feet of the pipelines, except for pipelines below new roadways. For these pipelines, the contractor shall employ safety and containment policies and procedures to avoid the potential of risk or upset of the pipelines.

Noise

Mitigation 3.6-A.1. Short Term Construction Noise Impacts – Vineyards Project. The following mitigation measure is required. All construction activities shall abide by the provisions as set forth within the City of Brentwood Municipal Code Section 9.32.050, *Prohibited Special Noise Sources*. Specifically, Construction activities adjacent to residential uses shall be limited to the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday and 9:00 a.m. through 4:00 p.m. on Saturdays and prohibited on Sundays and federal holidays.

Appendix C

Air Quality and Greenhouse Gas Data

**Parenthetical URBEMIS2007 (Version 9.2.4) Assumptions
For: CCCD New Brentwood Campus Project
Date: December 2010**

LAND USES

Amount	Land Use Type	Unit Type	Trip Rate
5,000	Junior College (2 years)	Students	2.23
17	Mixed Use Development (Displaced)	Acres	182.35

CONSTRUCTION SOURCES

Year	Duration (months)	Development
2013	6 months	Grading, Trenching, Paving
2014	12 months	Building, Architectural Coating

Mass Grading:

Year	Total Acreage Disturbed	Acreage Disturbed Daily	Duration (days)	Fugitive Dust	Soil Hauling (cubic yards)	Estimated Cut/Fill per Day (cubic yards)
2013	15.5	5.25	22	Low	None/Balanced	2,500

Mass Grading Equipment (URBEMIS2007 Default):

Quantity	Type	Hours of Daily Operation
2	Tractor/Loaders/Backhoe	7
1	Grader	8
1	Rubber Tired Dozer	8
1	Water Trucks	8

Fine Grading:

Year	Total Acreage Disturbed	Acreage Disturbed Daily	Duration (days)	Fugitive Dust	Soil Hauling (cubic yards)	Estimated Cut/Fill per Day (cubic yards)
2013	15.5	5.25	22	Default	None/Balanced	0

Fine Grading Equipment (URBEMIS2007 Default):

Quantity	Type	Hours of Daily Operation
2	Tractor/Loaders/Backhoe	7
1	Grader	8
1	Rubber Tired Dozer	8
1	Water Trucks	8

Trenching:

Year	Duration
2013	22 days

Trenching Equipment (URBEMIS2007 Default):

Quantity	Type	Hours of Daily Operation
2	Excavators	8
1	Other General Industrial Equipment	8

Paving:

Year	Duration (days)	Acres
2013	20	1.55

Paving Equipment (URBEMIS2007 Default):

Quantity	Type	Hours of Daily Operation
4	Cement and Mortar Mixers	6
1	Paver	7
2	Paving Equipment	6
1	Roller	7

Building Construction

Duration:

12 months

Equipment (URBEMIS2007 Default):

Quantity	Type	Hours of Daily Operation
1	Crane	6
2	Forklifts	6
1	Tractor/Loader/Backhoe	8
3	Welders	8
1	Generator Set	8

Architectural Coatings:

Duration – 4 Months

Low VOC coatings (Pursuant to BAAQMD Regulation 8, Rule 3: Architectural Coatings)
(URBEMIS2007 default all phases)

Worker Commute

(URBEMIS2007 default all phases)

Construction Mitigation:

Refer to URBEMIS2007 file output.

YEAR 2014 AREA SOURCES

Natural Gas Fuel Combustion:

(URBEMIS2007 default all phases)

Hearth Fuel Combustion:

Off

Landscape Fuel Combustion:

Year of Completion	Summer Days
2014	180

Consumer Products:

(URBEMIS2007 default all phases)

Architectural Coating:

(URBEMIS2007 default all phases)

Area Source Mitigation:

Low VOC coatings (Pursuant to BAAQMD Regulation 8, Rule 3: Architectural Coatings)
Refer to URBEMIS2007 file output.

YEAR 2014 OPERATIONAL SOURCES

Vehicle Fleet %:

(URBEMIS2007 default all phases)

Year:

Year of Completion – 2014

Trip Characteristics:

(URBEMIS2007 Default all phases)

Temperature Data:

40 to 90 degrees Fahrenheit

Variable Starts:

(URBEMIS2007 default all phases)

Road Dust:

Paved – 100%
Unpaved – 0%

Pass By Trips (On/Off):

Off

Double-Counting(On/Off):

Off

Operational Mitigation Measures:

Refer to URBEMIS2007 file output.

Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: H:\COMMON\AQ-Noise References\Air Quality\Modeling\Urbemis\Projects\CCCCD_Brentwood.urb924

Project Name: Contra Costa Community College - New Brentwood Campus

Project Location: Bay Area Air District

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2013 TOTALS (lbs/day unmitigated)	3.93	27.83	39.43	0.04	347.81	1.41	349.22	72.64	1.30	73.94	5,369.56
2013 TOTALS (lbs/day mitigated)	3.93	27.83	39.43	0.04	54.82	1.41	56.24	11.45	1.30	12.75	5,369.56
2014 TOTALS (lbs/day unmitigated)	53.88	16.66	37.33	0.04	0.18	0.99	1.17	0.06	0.90	0.97	5,431.06
2014 TOTALS (lbs/day mitigated)	48.85	16.66	37.33	0.04	0.18	0.99	1.17	0.06	0.90	0.97	5,431.06

AREA SOURCE EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	3.13	4.47	5.29	0.00	0.02	0.02	5,338.81
TOTALS (lbs/day, mitigated)	2.83	4.02	4.91	0.00	0.02	0.02	4,805.21
Percent Reduction	9.58	10.07	7.18	NaN	0.00	0.00	9.99

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OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	93.17	65.14	665.82	0.80	142.75	27.15	80,204.67
TOTALS (lbs/day, mitigated)	91.14	62.43	638.08	0.76	136.81	26.02	76,862.81
Percent Reduction	2.18	4.16	4.17	5.00	4.16	4.16	4.17

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	96.30	69.61	671.11	0.80	142.77	27.17	85,543.48
TOTALS (lbs/day, mitigated)	93.97	66.45	642.99	0.76	136.83	26.04	81,668.02
Percent Reduction	2.42	4.54	4.19	5.00	4.16	4.16	4.53

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
Time Slice 7/1/2013-7/31/2013 Active Days: 23	3.54	27.83	16.82	0.00	347.81	1.41	349.22	72.64	1.30	73.94	3,135.09
Mass Grading 07/01/2013-07/31/2013	3.54	27.83	16.82	0.00	347.81	1.41	349.22	72.64	1.30	73.94	3,135.09
Mass Grading Dust	0.00	0.00	0.00	0.00	347.80	0.00	347.80	72.63	0.00	72.63	0.00
Mass Grading Off Road Diesel	3.51	27.76	15.68	0.00	0.00	1.41	1.41	0.00	1.30	1.30	3,007.48
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.06	1.14	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.62

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Time Slice 8/1/2013-8/30/2013 Active Days: 22	3.54	<u>27.83</u>	16.82	0.00	105.61	<u>1.41</u>	107.02	22.06	<u>1.30</u>	23.36	3,135.09
Fine Grading 08/01/2013-08/31/2013	3.54	27.83	16.82	0.00	105.61	1.41	107.02	22.06	1.30	23.36	3,135.09
Fine Grading Dust	0.00	0.00	0.00	0.00	105.60	0.00	105.60	22.05	0.00	22.05	0.00
Fine Grading Off Road Diesel	3.51	27.76	15.68	0.00	0.00	1.41	1.41	0.00	1.30	1.30	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.06	1.14	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.62
Time Slice 9/2/2013-9/30/2013 Active Days: 21	1.74	14.17	8.88	0.00	0.00	0.68	0.68	0.00	0.63	0.63	1,816.73
Trenching 09/01/2013-09/30/2013	1.74	14.17	8.88	0.00	0.00	0.68	0.68	0.00	0.63	0.63	1,816.73
Trenching Off Road Diesel	1.72	14.12	7.97	0.00	0.00	0.68	0.68	0.00	0.62	0.62	1,714.64
Trenching Worker Trips	0.03	0.05	0.91	0.00	0.00	0.00	0.01	0.00	0.00	0.00	102.09
Time Slice 10/1/2013-10/31/2013 Active Days: 23	3.47	15.50	10.71	0.01	0.03	1.19	1.22	0.01	1.09	1.10	1,855.02
Asphalt 10/01/2013-10/31/2013	3.47	15.50	10.71	0.01	0.03	1.19	1.22	0.01	1.09	1.10	1,855.02
Paving Off-Gas	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.10	12.84	8.03	0.00	0.00	1.09	1.09	0.00	1.00	1.00	1,131.92
Paving On Road Diesel	0.18	2.57	0.86	0.00	0.02	0.09	0.11	0.01	0.08	0.09	518.92
Paving Worker Trips	0.06	0.10	1.82	0.00	0.01	0.01	0.02	0.00	0.00	0.01	204.19
Time Slice 11/1/2013-12/31/2013 Active Days: 43	<u>3.93</u>	18.00	<u>39.43</u>	<u>0.04</u>	0.17	1.11	1.28	0.06	1.01	1.07	<u>5,369.56</u>
Building 11/01/2013-11/30/2014	3.93	18.00	39.43	0.04	0.17	1.11	1.28	0.06	1.01	1.07	5,369.56
Building Off Road Diesel	2.88	13.91	10.20	0.00	0.00	0.93	0.93	0.00	0.86	0.86	1,621.20
Building Vendor Trips	0.22	2.64	2.45	0.01	0.03	0.10	0.13	0.01	0.09	0.10	742.75
Building Worker Trips	0.84	1.45	26.78	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,005.61

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Time Slice 1/1/2014-2/28/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Active Days: 43											
Building 11/01/2013-11/30/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building Off Road Diesel	2.63	12.97	9.89	0.00	0.00	0.82	0.82	0.00	0.76	0.76	1,621.20
Building Vendor Trips	0.20	2.35	2.29	0.01	0.03	0.09	0.12	0.01	0.08	0.09	742.81
Building Worker Trips	0.76	1.32	24.66	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,007.12
Time Slice 3/3/2014-11/28/2014	53.88	16.66	37.33	0.04	0.18	0.99	1.17	0.06	0.90	0.97	5,431.06
Active Days: 195											
Building 11/01/2013-11/30/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building Off Road Diesel	2.63	12.97	9.89	0.00	0.00	0.82	0.82	0.00	0.76	0.76	1,621.20
Building Vendor Trips	0.20	2.35	2.29	0.01	0.03	0.09	0.12	0.01	0.08	0.09	742.81
Building Worker Trips	0.76	1.32	24.66	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,007.12
Coating 03/01/2014-11/30/2014	50.29	0.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.93
Architectural Coating	50.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.02	0.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.93

Phase Assumptions

- Phase: Fine Grading 8/1/2013 - 8/31/2013 - Default Fine Site Grading Description
- Total Acres Disturbed: 15.5
- Maximum Daily Acreage Disturbed: 5.28
- Fugitive Dust Level of Detail: Default
- 20 lbs per acre-day
- On Road Truck Travel (VMT): 0
- Off-Road Equipment:
 - 1 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day
 - 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
 - 2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day
 - 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

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Phase: Mass Grading 7/1/2013 - 7/31/2013 - Default Paving Description

Total Acres Disturbed: 15.5

Maximum Daily Acreage Disturbed: 5.28

Fugitive Dust Level of Detail: Low

Onsite Cut/Fill: 2500 cubic yards/day; Offsite Cut/Fill: 0 cubic yards/day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 9/1/2013 - 9/30/2013 - Type Your Description Here

Off-Road Equipment:

2 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Other General Industrial Equipment (238 hp) operating at a 0.51 load factor for 8 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 0 hours per day

Phase: Paving 10/1/2013 - 10/31/2013 - Type Your Description Here

Acres to be Paved: 10

Off-Road Equipment:

4 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

2 Paving Equipment (104 hp) operating at a 0.53 load factor for 6 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

Phase: Building Construction 11/1/2013 - 11/30/2014 - Default Building Construction Description

Off-Road Equipment:

1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day

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- 2 Forklifts (145 hp) operating at a 0.3 load factor for 6 hours per day
- 1 Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day
- 3 Welders (45 hp) operating at a 0.45 load factor for 8 hours per day

Phase: Architectural Coating 3/1/2014 - 11/30/2014 - Default Architectural Coating Description

Rule: Residential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Rule: Residential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Rule: Nonresidential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Rule: Nonresidential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Construction Mitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Mitigated

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
Time Slice 7/1/2013-7/31/2013 Active Days: 23	3.54	27.83	16.82	0.00	<u>54.82</u>	1.41	<u>56.24</u>	<u>11.45</u>	1.30	<u>12.75</u>	3,135.09
Mass Grading 07/01/2013-07/31/2013	3.54	27.83	16.82	0.00	54.82	1.41	56.24	11.45	1.30	12.75	3,135.09
Mass Grading Dust	0.00	0.00	0.00	0.00	54.82	0.00	54.82	11.45	0.00	11.45	0.00
Mass Grading Off Road Diesel	3.51	27.76	15.68	0.00	0.00	1.41	1.41	0.00	1.30	1.30	3,007.48
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.06	1.14	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.62

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Time Slice 8/1/2013-8/30/2013 Active Days: 22	3.54	<u>27.83</u>	16.82	0.00	16.65	<u>1.41</u>	18.06	3.48	<u>1.30</u>	4.78	3,135.09
Fine Grading 08/01/2013-08/31/2013	3.54	27.83	16.82	0.00	16.65	1.41	18.06	3.48	1.30	4.78	3,135.09
Fine Grading Dust	0.00	0.00	0.00	0.00	16.64	0.00	16.64	3.48	0.00	3.48	0.00
Fine Grading Off Road Diesel	3.51	27.76	15.68	0.00	0.00	1.41	1.41	0.00	1.30	1.30	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.06	1.14	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.62
Time Slice 9/2/2013-9/30/2013 Active Days: 21	1.74	14.17	8.88	0.00	0.00	0.68	0.68	0.00	0.63	0.63	1,816.73
Trenching 09/01/2013-09/30/2013	1.74	14.17	8.88	0.00	0.00	0.68	0.68	0.00	0.63	0.63	1,816.73
Trenching Off Road Diesel	1.72	14.12	7.97	0.00	0.00	0.68	0.68	0.00	0.62	0.62	1,714.64
Trenching Worker Trips	0.03	0.05	0.91	0.00	0.00	0.00	0.01	0.00	0.00	0.00	102.09
Time Slice 10/1/2013-10/31/2013 Active Days: 23	3.47	15.50	10.71	0.01	0.03	1.19	1.22	0.01	1.09	1.10	1,855.02
Asphalt 10/01/2013-10/31/2013	3.47	15.50	10.71	0.01	0.03	1.19	1.22	0.01	1.09	1.10	1,855.02
Paving Off-Gas	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.10	12.84	8.03	0.00	0.00	1.09	1.09	0.00	1.00	1.00	1,131.92
Paving On Road Diesel	0.18	2.57	0.86	0.00	0.02	0.09	0.11	0.01	0.08	0.09	518.92
Paving Worker Trips	0.06	0.10	1.82	0.00	0.01	0.01	0.02	0.00	0.00	0.01	204.19
Time Slice 11/1/2013-12/31/2013 Active Days: 43	<u>3.93</u>	18.00	<u>39.43</u>	<u>0.04</u>	0.17	1.11	1.28	0.06	1.01	1.07	<u>5,369.56</u>
Building 11/01/2013-11/30/2014	3.93	18.00	39.43	0.04	0.17	1.11	1.28	0.06	1.01	1.07	5,369.56
Building Off Road Diesel	2.88	13.91	10.20	0.00	0.00	0.93	0.93	0.00	0.86	0.86	1,621.20
Building Vendor Trips	0.22	2.64	2.45	0.01	0.03	0.10	0.13	0.01	0.09	0.10	742.75
Building Worker Trips	0.84	1.45	26.78	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,005.61

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Time Slice 1/1/2014-2/28/2014 Active Days: 43	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building 11/01/2013-11/30/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building Off Road Diesel	2.63	12.97	9.89	0.00	0.00	0.82	0.82	0.00	0.76	0.76	1,621.20
Building Vendor Trips	0.20	2.35	2.29	0.01	0.03	0.09	0.12	0.01	0.08	0.09	742.81
Building Worker Trips	0.76	1.32	24.66	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,007.12
Time Slice 3/3/2014-11/28/2014 Active Days: 195	<u>48.85</u>	<u>16.66</u>	<u>37.33</u>	<u>0.04</u>	<u>0.18</u>	<u>0.99</u>	<u>1.17</u>	<u>0.06</u>	<u>0.90</u>	<u>0.97</u>	<u>5,431.06</u>
Building 11/01/2013-11/30/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building Off Road Diesel	2.63	12.97	9.89	0.00	0.00	0.82	0.82	0.00	0.76	0.76	1,621.20
Building Vendor Trips	0.20	2.35	2.29	0.01	0.03	0.09	0.12	0.01	0.08	0.09	742.81
Building Worker Trips	0.76	1.32	24.66	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,007.12
Coating 03/01/2014-11/30/2014	45.26	0.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.93
Architectural Coating	45.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.02	0.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.93

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 8/1/2013 - 8/31/2013 - Default Fine Site Grading Description

For Soil Stabilizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by:

PM10: 5% PM25: 5%

For Soil Stabilizing Measures, the Water exposed surfaces 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

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The following mitigation measures apply to Phase: Mass Grading 7/1/2013 - 7/31/2013 - Default Paving Description

For Soil Stabilizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by:

PM10: 5% PM25: 5%

For Soil Stabilizing Measures, the Water exposed surfaces 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

The following mitigation measures apply to Phase: Architectural Coating 3/1/2014 - 11/30/2014 - Default Architectural Coating Description

For Nonresidential Architectural Coating Measures, the Nonresidential Exterior: Use Low VOC Coatings mitigation reduces emissions by:

ROG: 10%

For Nonresidential Architectural Coating Measures, the Nonresidential Interior: Use Low VOC Coatings mitigation reduces emissions by:

ROG: 10%

Area Source Unmitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.32	4.45	3.74	0.00	0.01	0.01	5,336.00
Hearth							
Landscape	0.12	0.02	1.55	0.00	0.01	0.01	2.81
Consumer Products	0.00						
Architectural Coatings	2.69						
TOTALS (lbs/day, unmitigated)	3.13	4.47	5.29	0.00	0.02	0.02	5,338.81

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Area Source Mitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Summer Pounds Per Day, Mitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.29	4.00	3.36	0.00	0.01	0.01	4,802.40
Hearth							
Landscape	0.12	0.02	1.55	0.00	0.01	0.01	2.81
Consumer Products	0.00						
Architectural Coatings	2.42						
TOTALS (lbs/day, mitigated)	2.83	4.02	4.91	0.00	0.02	0.02	4,805.21

Area Source Mitigation Measures Selected

<u>Mitigation Description</u>	<u>Percent Reduction</u>
Commercial Increase Energy Efficiency Beyond Title 24	10.00
For Residential Interior Use Low VOC Coating	10.00
For Residential Exterior Use Low VOC Coating	10.00
For Nonresidential Interior Use Low VOC Coating	10.00
For Nonresidential Exterior Use Low VOC Coating	10.00

Area Source Changes to Defaults

Operational Unmitigated Detail Report:

OPERATIONAL EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

<u>Source</u>	<u>ROG</u>	<u>NOX</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM25</u>	<u>CO2</u>
Junior college (2 yrs)	93.17	65.14	665.82	0.80	142.75	27.15	80,204.67
TOTALS (lbs/day, unmitigated)	93.17	65.14	665.82	0.80	142.75	27.15	80,204.67

Operational Settings:

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2014 Temperature (F): 85 Season: Summer

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
Junior college (2 yrs)		2.23	students	5,000.00	11,150.00	83,151.12
					11,150.00	83,151.12

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	53.8	0.4	99.4	0.2
Light Truck < 3750 lbs	12.7	0.8	96.8	2.4
Light Truck 3751-5750 lbs	19.9	0.5	99.5	0.0
Med Truck 5751-8500 lbs	6.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	0.9	0.0	77.8	22.2
Lite-Heavy Truck 10,001-14,000 lbs	0.6	0.0	50.0	50.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.4	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	3.2	50.0	50.0	0.0

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
School Bus	0.1	0.0	0.0	100.0
Motor Home	0.6	0.0	83.3	16.7

Travel Conditions

	Residential			Commuter	Commercial	
	Home-Work	Home-Shop	Home-Other		Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	32.9	18.0	49.1			
% of Trips - Commercial (by land use)						
Junior college (2 yrs)				5.0	2.5	92.5

Operational Changes to Defaults

Urbemis 2007 Version 9.2.4

Combined Winter Emissions Reports (Pounds/Day)

File Name: H:\COMMON\AQ-Noise References\Air Quality\Modeling\Urbemis\Projects\CCCCD_Brentwood.urb924

Project Name: Contra Costa Community College - New Brentwood Campus

Project Location: Bay Area Air District

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2013 TOTALS (lbs/day unmitigated)	3.93	27.83	39.43	0.04	347.81	1.41	349.22	72.64	1.30	73.94	5,369.56
2013 TOTALS (lbs/day mitigated)	3.93	27.83	39.43	0.04	54.82	1.41	56.24	11.45	1.30	12.75	5,369.56
2014 TOTALS (lbs/day unmitigated)	53.88	16.66	37.33	0.04	0.18	0.99	1.17	0.06	0.90	0.97	5,431.06
2014 TOTALS (lbs/day mitigated)	48.85	16.66	37.33	0.04	0.18	0.99	1.17	0.06	0.90	0.97	5,431.06

AREA SOURCE EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	3.01	4.45	3.74	0.00	0.01	0.01	5,336.00
TOTALS (lbs/day, mitigated)	2.71	4.00	3.36	0.00	0.01	0.01	4,802.40
Percent Reduction	9.97	10.11	10.16	NaN	0.00	0.00	10.00

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OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	61.37	96.94	713.80	0.69	142.75	27.15	69,168.46
TOTALS (lbs/day, mitigated)	58.81	92.90	684.06	0.66	136.81	26.02	66,286.45
Percent Reduction	4.17	4.17	4.17	4.35	4.16	4.16	4.17

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	64.38	101.39	717.54	0.69	142.76	27.16	74,504.46
TOTALS (lbs/day, mitigated)	61.52	96.90	687.42	0.66	136.82	26.03	71,088.85
Percent Reduction	4.44	4.43	4.20	4.35	4.16	4.16	4.58

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Winter Pounds Per Day, Unmitigated

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
Time Slice 7/1/2013-7/31/2013 Active Days: 23	3.54	27.83	16.82	0.00	347.81	1.41	349.22	72.64	1.30	73.94	3,135.09
Mass Grading 07/01/2013-07/31/2013	3.54	27.83	16.82	0.00	347.81	1.41	349.22	72.64	1.30	73.94	3,135.09
Mass Grading Dust	0.00	0.00	0.00	0.00	347.80	0.00	347.80	72.63	0.00	72.63	0.00
Mass Grading Off Road Diesel	3.51	27.76	15.68	0.00	0.00	1.41	1.41	0.00	1.30	1.30	3,007.48
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.06	1.14	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.62

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Time Slice 8/1/2013-8/30/2013 Active Days: 22	3.54	<u>27.83</u>	16.82	0.00	105.61	<u>1.41</u>	107.02	22.06	<u>1.30</u>	23.36	3,135.09
Fine Grading 08/01/2013-08/31/2013	3.54	27.83	16.82	0.00	105.61	1.41	107.02	22.06	1.30	23.36	3,135.09
Fine Grading Dust	0.00	0.00	0.00	0.00	105.60	0.00	105.60	22.05	0.00	22.05	0.00
Fine Grading Off Road Diesel	3.51	27.76	15.68	0.00	0.00	1.41	1.41	0.00	1.30	1.30	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.06	1.14	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.62
Time Slice 9/2/2013-9/30/2013 Active Days: 21	1.74	14.17	8.88	0.00	0.00	0.68	0.68	0.00	0.63	0.63	1,816.73
Trenching 09/01/2013-09/30/2013	1.74	14.17	8.88	0.00	0.00	0.68	0.68	0.00	0.63	0.63	1,816.73
Trenching Off Road Diesel	1.72	14.12	7.97	0.00	0.00	0.68	0.68	0.00	0.62	0.62	1,714.64
Trenching Worker Trips	0.03	0.05	0.91	0.00	0.00	0.00	0.01	0.00	0.00	0.00	102.09
Time Slice 10/1/2013-10/31/2013 Active Days: 23	3.47	15.50	10.71	0.01	0.03	1.19	1.22	0.01	1.09	1.10	1,855.02
Asphalt 10/01/2013-10/31/2013	3.47	15.50	10.71	0.01	0.03	1.19	1.22	0.01	1.09	1.10	1,855.02
Paving Off-Gas	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.10	12.84	8.03	0.00	0.00	1.09	1.09	0.00	1.00	1.00	1,131.92
Paving On Road Diesel	0.18	2.57	0.86	0.00	0.02	0.09	0.11	0.01	0.08	0.09	518.92
Paving Worker Trips	0.06	0.10	1.82	0.00	0.01	0.01	0.02	0.00	0.00	0.01	204.19
Time Slice 11/1/2013-12/31/2013 Active Days: 43	<u>3.93</u>	18.00	<u>39.43</u>	<u>0.04</u>	0.17	1.11	1.28	0.06	1.01	1.07	<u>5,369.56</u>
Building 11/01/2013-11/30/2014	3.93	18.00	39.43	0.04	0.17	1.11	1.28	0.06	1.01	1.07	5,369.56
Building Off Road Diesel	2.88	13.91	10.20	0.00	0.00	0.93	0.93	0.00	0.86	0.86	1,621.20
Building Vendor Trips	0.22	2.64	2.45	0.01	0.03	0.10	0.13	0.01	0.09	0.10	742.75
Building Worker Trips	0.84	1.45	26.78	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,005.61

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Time Slice 1/1/2014-2/28/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Active Days: 43											
Building 11/01/2013-11/30/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building Off Road Diesel	2.63	12.97	9.89	0.00	0.00	0.82	0.82	0.00	0.76	0.76	1,621.20
Building Vendor Trips	0.20	2.35	2.29	0.01	0.03	0.09	0.12	0.01	0.08	0.09	742.81
Building Worker Trips	0.76	1.32	24.66	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,007.12
Time Slice 3/3/2014-11/28/2014	<u>53.88</u>	<u>16.66</u>	<u>37.33</u>	<u>0.04</u>	<u>0.18</u>	<u>0.99</u>	<u>1.17</u>	<u>0.06</u>	<u>0.90</u>	<u>0.97</u>	<u>5,431.06</u>
Active Days: 195											
Building 11/01/2013-11/30/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building Off Road Diesel	2.63	12.97	9.89	0.00	0.00	0.82	0.82	0.00	0.76	0.76	1,621.20
Building Vendor Trips	0.20	2.35	2.29	0.01	0.03	0.09	0.12	0.01	0.08	0.09	742.81
Building Worker Trips	0.76	1.32	24.66	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,007.12
Coating 03/01/2014-11/30/2014	50.29	0.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.93
Architectural Coating	50.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.02	0.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.93

Phase Assumptions

- Phase: Fine Grading 8/1/2013 - 8/31/2013 - Default Fine Site Grading Description
- Total Acres Disturbed: 15.5
- Maximum Daily Acreage Disturbed: 5.28
- Fugitive Dust Level of Detail: Default
- 20 lbs per acre-day
- On Road Truck Travel (VMT): 0
- Off-Road Equipment:
 - 1 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day
 - 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
 - 2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day
 - 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

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Phase: Mass Grading 7/1/2013 - 7/31/2013 - Default Paving Description

Total Acres Disturbed: 15.5

Maximum Daily Acreage Disturbed: 5.28

Fugitive Dust Level of Detail: Low

Onsite Cut/Fill: 2500 cubic yards/day; Offsite Cut/Fill: 0 cubic yards/day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 9/1/2013 - 9/30/2013 - Type Your Description Here

Off-Road Equipment:

2 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Other General Industrial Equipment (238 hp) operating at a 0.51 load factor for 8 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 0 hours per day

Phase: Paving 10/1/2013 - 10/31/2013 - Type Your Description Here

Acres to be Paved: 10

Off-Road Equipment:

4 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

2 Paving Equipment (104 hp) operating at a 0.53 load factor for 6 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

Phase: Building Construction 11/1/2013 - 11/30/2014 - Default Building Construction Description

Off-Road Equipment:

1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day

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- 2 Forklifts (145 hp) operating at a 0.3 load factor for 6 hours per day
- 1 Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day
- 3 Welders (45 hp) operating at a 0.45 load factor for 8 hours per day

Phase: Architectural Coating 3/1/2014 - 11/30/2014 - Default Architectural Coating Description
 Rule: Residential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250
 Rule: Residential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250
 Rule: Nonresidential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250
 Rule: Nonresidential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Construction Mitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Winter Pounds Per Day, Mitigated

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
Time Slice 7/1/2013-7/31/2013 Active Days: 23	3.54	27.83	16.82	0.00	<u>54.82</u>	1.41	<u>56.24</u>	<u>11.45</u>	1.30	<u>12.75</u>	3,135.09
Mass Grading 07/01/2013-07/31/2013	3.54	27.83	16.82	0.00	54.82	1.41	56.24	11.45	1.30	12.75	3,135.09
Mass Grading Dust	0.00	0.00	0.00	0.00	54.82	0.00	54.82	11.45	0.00	11.45	0.00
Mass Grading Off Road Diesel	3.51	27.76	15.68	0.00	0.00	1.41	1.41	0.00	1.30	1.30	3,007.48
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.06	1.14	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.62

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Time Slice 8/1/2013-8/30/2013	3.54	27.83	16.82	0.00	16.65	1.41	18.06	3.48	1.30	4.78	3,135.09
Active Days: 22											
Fine Grading 08/01/2013-08/31/2013	3.54	27.83	16.82	0.00	16.65	1.41	18.06	3.48	1.30	4.78	3,135.09
Fine Grading Dust	0.00	0.00	0.00	0.00	16.64	0.00	16.64	3.48	0.00	3.48	0.00
Fine Grading Off Road Diesel	3.51	27.76	15.68	0.00	0.00	1.41	1.41	0.00	1.30	1.30	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.06	1.14	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.62
Time Slice 9/2/2013-9/30/2013	1.74	14.17	8.88	0.00	0.00	0.68	0.68	0.00	0.63	0.63	1,816.73
Active Days: 21											
Trenching 09/01/2013-09/30/2013	1.74	14.17	8.88	0.00	0.00	0.68	0.68	0.00	0.63	0.63	1,816.73
Trenching Off Road Diesel	1.72	14.12	7.97	0.00	0.00	0.68	0.68	0.00	0.62	0.62	1,714.64
Trenching Worker Trips	0.03	0.05	0.91	0.00	0.00	0.00	0.01	0.00	0.00	0.00	102.09
Time Slice 10/1/2013-10/31/2013	3.47	15.50	10.71	0.01	0.03	1.19	1.22	0.01	1.09	1.10	1,855.02
Active Days: 23											
Asphalt 10/01/2013-10/31/2013	3.47	15.50	10.71	0.01	0.03	1.19	1.22	0.01	1.09	1.10	1,855.02
Paving Off-Gas	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.10	12.84	8.03	0.00	0.00	1.09	1.09	0.00	1.00	1.00	1,131.92
Paving On Road Diesel	0.18	2.57	0.86	0.00	0.02	0.09	0.11	0.01	0.08	0.09	518.92
Paving Worker Trips	0.06	0.10	1.82	0.00	0.01	0.01	0.02	0.00	0.00	0.01	204.19
Time Slice 11/1/2013-12/31/2013	3.93	18.00	39.43	0.04	0.17	1.11	1.28	0.06	1.01	1.07	5,369.56
Active Days: 43											
Building 11/01/2013-11/30/2014	3.93	18.00	39.43	0.04	0.17	1.11	1.28	0.06	1.01	1.07	5,369.56
Building Off Road Diesel	2.88	13.91	10.20	0.00	0.00	0.93	0.93	0.00	0.86	0.86	1,621.20
Building Vendor Trips	0.22	2.64	2.45	0.01	0.03	0.10	0.13	0.01	0.09	0.10	742.75
Building Worker Trips	0.84	1.45	26.78	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,005.61

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Time Slice 1/1/2014-2/28/2014 Active Days: 43	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building 11/01/2013-11/30/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building Off Road Diesel	2.63	12.97	9.89	0.00	0.00	0.82	0.82	0.00	0.76	0.76	1,621.20
Building Vendor Trips	0.20	2.35	2.29	0.01	0.03	0.09	0.12	0.01	0.08	0.09	742.81
Building Worker Trips	0.76	1.32	24.66	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,007.12
Time Slice 3/3/2014-11/28/2014 Active Days: 195	<u>48.85</u>	<u>16.66</u>	<u>37.33</u>	<u>0.04</u>	<u>0.18</u>	<u>0.99</u>	<u>1.17</u>	<u>0.06</u>	<u>0.90</u>	<u>0.97</u>	<u>5,431.06</u>
Building 11/01/2013-11/30/2014	3.59	16.64	36.84	0.04	0.17	0.99	1.16	0.06	0.90	0.96	5,371.12
Building Off Road Diesel	2.63	12.97	9.89	0.00	0.00	0.82	0.82	0.00	0.76	0.76	1,621.20
Building Vendor Trips	0.20	2.35	2.29	0.01	0.03	0.09	0.12	0.01	0.08	0.09	742.81
Building Worker Trips	0.76	1.32	24.66	0.03	0.15	0.08	0.22	0.05	0.06	0.11	3,007.12
Coating 03/01/2014-11/30/2014	45.26	0.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.93
Architectural Coating	45.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.02	0.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.93

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 8/1/2013 - 8/31/2013 - Default Fine Site Grading Description

For Soil Stabilizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by:

PM10: 5% PM25: 5%

For Soil Stabilizing Measures, the Water exposed surfaces 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

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The following mitigation measures apply to Phase: Mass Grading 7/1/2013 - 7/31/2013 - Default Paving Description

For Soil Stabilizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by:

PM10: 5% PM25: 5%

For Soil Stabilizing Measures, the Water exposed surfaces 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

The following mitigation measures apply to Phase: Architectural Coating 3/1/2014 - 11/30/2014 - Default Architectural Coating Description

For Nonresidential Architectural Coating Measures, the Nonresidential Exterior: Use Low VOC Coatings mitigation reduces emissions by:

ROG: 10%

For Nonresidential Architectural Coating Measures, the Nonresidential Interior: Use Low VOC Coatings mitigation reduces emissions by:

ROG: 10%

Area Source Unmitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Winter Pounds Per Day, Unmitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.32	4.45	3.74	0.00	0.01	0.01	5,336.00
Hearth							
Landscaping - No Winter Emissions							
Consumer Products	0.00						
Architectural Coatings	2.69						
TOTALS (lbs/day, unmitigated)	3.01	4.45	3.74	0.00	0.01	0.01	5,336.00

Area Source Mitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Winter Pounds Per Day, Mitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.29	4.00	3.36	0.00	0.01	0.01	4,802.40
Hearth							
Landscaping - No Winter Emissions							
Consumer Products	0.00						
Architectural Coatings	2.42						
TOTALS (lbs/day, mitigated)	2.71	4.00	3.36	0.00	0.01	0.01	4,802.40

Area Source Mitigation Measures Selected

<u>Mitigation Description</u>	<u>Percent Reduction</u>
Commercial Increase Energy Efficiency Beyond Title 24	10.00
For Residential Interior Use Low VOC Coating	10.00
For Residential Exterior Use Low VOC Coating	10.00
For Nonresidential Interior Use Low VOC Coating	10.00
For Nonresidential Exterior Use Low VOC Coating	10.00

Area Source Changes to Defaults

Operational Unmitigated Detail Report:

OPERATIONAL EMISSION ESTIMATES Winter Pounds Per Day, Unmitigated

<u>Source</u>	<u>ROG</u>	<u>NOX</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM25</u>	<u>CO2</u>
Junior college (2 yrs)	61.37	96.94	713.80	0.69	142.75	27.15	69,168.46
TOTALS (lbs/day, unmitigated)	61.37	96.94	713.80	0.69	142.75	27.15	69,168.46

Operational Settings:

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2014 Temperature (F): 40 Season: Winter

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
Junior college (2 yrs)		2.23	students	5,000.00	11,150.00	83,151.12
					11,150.00	83,151.12

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	53.8	0.4	99.4	0.2
Light Truck < 3750 lbs	12.7	0.8	96.8	2.4
Light Truck 3751-5750 lbs	19.9	0.5	99.5	0.0
Med Truck 5751-8500 lbs	6.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	0.9	0.0	77.8	22.2
Lite-Heavy Truck 10,001-14,000 lbs	0.6	0.0	50.0	50.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.4	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	3.2	50.0	50.0	0.0

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
School Bus	0.1	0.0	0.0	100.0
Motor Home	0.6	0.0	83.3	16.7

Travel Conditions

	Residential			Commuter	Commercial	
	Home-Work	Home-Shop	Home-Other		Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	32.9	18.0	49.1			
% of Trips - Commercial (by land use)						
Junior college (2 yrs)				5.0	2.5	92.5

Operational Changes to Defaults

Urbemis 2007 Version 9.2.4

Combined Annual Emissions Reports (Tons/Year)

File Name: H:\COMMON\AQ-Noise References\Air Quality\Modeling\Urbemis\Projects\CCCCD_Brentwood.urb924

Project Name: Contra Costa Community College - New Brentwood Campus

Project Location: Bay Area Air District

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2013 TOTALS (tons/year unmitigated)	0.22	1.34	1.44	0.00	5.17	0.08	5.24	1.08	0.07	1.15	226.39
2013 TOTALS (tons/year mitigated)	0.22	1.34	1.44	0.00	0.82	0.08	0.89	0.17	0.07	0.24	226.39
Percent Reduction	0.00	0.00	0.00	0.00	84.17	0.00	82.94	84.12	0.00	78.99	0.00
2014 TOTALS (tons/year unmitigated)	5.33	1.98	4.43	0.00	0.02	0.12	0.14	0.01	0.11	0.11	645.01
2014 TOTALS (tons/year mitigated)	4.84	1.98	4.43	0.00	0.02	0.12	0.14	0.01	0.11	0.11	645.01
Percent Reduction	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

AREA SOURCE EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (tons/year, unmitigated)	0.56	0.81	0.82	0.00	0.00	0.00	974.07
TOTALS (tons/year, mitigated)	0.50	0.73	0.75	0.00	0.00	0.00	876.69
Percent Reduction	10.71	9.88	8.54	NaN	NaN	NaN	10.00

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2014	5.33	1.98	4.43	0.00	0.02	0.12	0.14	0.01	0.11	0.11	645.01
Building 11/01/2013-11/30/2014	0.43	1.98	4.38	0.00	0.02	0.12	0.14	0.01	0.11	0.11	639.16
Building Off Road Diesel	0.31	1.54	1.18	0.00	0.00	0.10	0.10	0.00	0.09	0.09	192.92
Building Vendor Trips	0.02	0.28	0.27	0.00	0.00	0.01	0.01	0.00	0.01	0.01	88.39
Building Worker Trips	0.09	0.16	2.93	0.00	0.02	0.01	0.03	0.01	0.01	0.01	357.85
Coating 03/01/2014-11/30/2014	4.90	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84
Architectural Coating	4.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84

Phase Assumptions

Phase: Fine Grading 8/1/2013 - 8/31/2013 - Default Fine Site Grading Description
 Total Acres Disturbed: 15.5
 Maximum Daily Acreage Disturbed: 5.28
 Fugitive Dust Level of Detail: Default
 20 lbs per acre-day
 On Road Truck Travel (VMT): 0
 Off-Road Equipment:
 1 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day
 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
 2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day
 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 7/1/2013 - 7/31/2013 - Default Paving Description
 Total Acres Disturbed: 15.5
 Maximum Daily Acreage Disturbed: 5.28
 Fugitive Dust Level of Detail: Low
 Onsite Cut/Fill: 2500 cubic yards/day; Offsite Cut/Fill: 0 cubic yards/day
 On Road Truck Travel (VMT): 0

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Off-Road Equipment:

- 1 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
- 2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 9/1/2013 - 9/30/2013 - Type Your Description Here

Off-Road Equipment:

- 2 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other General Industrial Equipment (238 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 0 hours per day

Phase: Paving 10/1/2013 - 10/31/2013 - Type Your Description Here

Acres to be Paved: 10

Off-Road Equipment:

- 4 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day
- 1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day
- 2 Paving Equipment (104 hp) operating at a 0.53 load factor for 6 hours per day
- 1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

Phase: Building Construction 11/1/2013 - 11/30/2014 - Default Building Construction Description

Off-Road Equipment:

- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Forklifts (145 hp) operating at a 0.3 load factor for 6 hours per day
- 1 Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day
- 3 Welders (45 hp) operating at a 0.45 load factor for 8 hours per day

Phase: Architectural Coating 3/1/2014 - 11/30/2014 - Default Architectural Coating Description

Rule: Residential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

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Asphalt 10/01/2013-10/31/2013	0.04	0.18	0.12	0.00	0.00	0.01	0.01	0.00	0.01	0.01	21.33
Paving Off-Gas	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	0.02	0.15	0.09	0.00	0.00	0.01	0.01	0.00	0.01	0.01	13.02
Paving On Road Diesel	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.97
Paving Worker Trips	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35
Building 11/01/2013-11/30/2014	0.08	0.39	0.85	0.00	0.00	0.02	0.03	0.00	0.02	0.02	115.45
Building Off Road Diesel	0.06	0.30	0.22	0.00	0.00	0.02	0.02	0.00	0.02	0.02	34.86
Building Vendor Trips	0.00	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.97
Building Worker Trips	0.02	0.03	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.62
2014	4.84	1.98	4.43	0.00	0.02	0.12	0.14	0.01	0.11	0.11	645.01
Building 11/01/2013-11/30/2014	0.43	1.98	4.38	0.00	0.02	0.12	0.14	0.01	0.11	0.11	639.16
Building Off Road Diesel	0.31	1.54	1.18	0.00	0.00	0.10	0.10	0.00	0.09	0.09	192.92
Building Vendor Trips	0.02	0.28	0.27	0.00	0.00	0.01	0.01	0.00	0.01	0.01	88.39
Building Worker Trips	0.09	0.16	2.93	0.00	0.02	0.01	0.03	0.01	0.01	0.01	357.85
Coating 03/01/2014-11/30/2014	4.41	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84
Architectural Coating	4.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 8/1/2013 - 8/31/2013 - Default Fine Site Grading Description

For Soil Stabilizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by:

PM10: 5% PM25: 5%

For Soil Stabilizing Measures, the Water exposed surfaces 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

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PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

The following mitigation measures apply to Phase: Mass Grading 7/1/2013 - 7/31/2013 - Default Paving Description

For Soil Stabilizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by:

PM10: 5% PM25: 5%

For Soil Stabilizing Measures, the Water exposed surfaces 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 2x daily watering mitigation reduces emissions by:

PM10: 55% PM25: 55%

The following mitigation measures apply to Phase: Architectural Coating 3/1/2014 - 11/30/2014 - Default Architectural Coating Description

For Nonresidential Architectural Coating Measures, the Nonresidential Exterior: Use Low VOC Coatings mitigation reduces emissions by:

ROG: 10%

For Nonresidential Architectural Coating Measures, the Nonresidential Interior: Use Low VOC Coatings mitigation reduces emissions by:

ROG: 10%

Area Source Unmitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Annual Tons Per Year, Unmitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.06	0.81	0.68	0.00	0.00	0.00	973.82
Hearth							
Landscape	0.01	0.00	0.14	0.00	0.00	0.00	0.25
Consumer Products	0.00						
Architectural Coatings	0.49						
TOTALS (tons/year, unmitigated)	0.56	0.81	0.82	0.00	0.00	0.00	974.07

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Area Source Mitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Annual Tons Per Year, Mitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.05	0.73	0.61	0.00	0.00	0.00	876.44
Hearth							
Landscape	0.01	0.00	0.14	0.00	0.00	0.00	0.25
Consumer Products	0.00						
Architectural Coatings	0.44						
TOTALS (tons/year, mitigated)	0.50	0.73	0.75	0.00	0.00	0.00	876.69

Area Source Mitigation Measures Selected

<u>Mitigation Description</u>	<u>Percent Reduction</u>
Commercial Increase Energy Efficiency Beyond Title 24	10.00
For Residential Interior Use Low VOC Coating	10.00
For Residential Exterior Use Low VOC Coating	10.00
For Nonresidential Interior Use Low VOC Coating	10.00
For Nonresidential Exterior Use Low VOC Coating	10.00

Area Source Changes to Defaults

Operational Unmitigated Detail Report:

OPERATIONAL EMISSION ESTIMATES Annual Tons Per Year, Unmitigated

<u>Source</u>	<u>ROG</u>	<u>NOX</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM25</u>	<u>CO2</u>
Junior college (2 yrs)	15.07	13.82	124.43	0.14	26.05	4.95	13,965.98
TOTALS (tons/year, unmitigated)	15.07	13.82	124.43	0.14	26.05	4.95	13,965.98

Operational Settings:

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2014 Season: Annual

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
Junior college (2 yrs)		2.23	students	5,000.00	11,150.00	83,151.12
					11,150.00	83,151.12

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	53.8	0.4	99.4	0.2
Light Truck < 3750 lbs	12.7	0.8	96.8	2.4
Light Truck 3751-5750 lbs	19.9	0.5	99.5	0.0
Med Truck 5751-8500 lbs	6.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	0.9	0.0	77.8	22.2
Lite-Heavy Truck 10,001-14,000 lbs	0.6	0.0	50.0	50.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.4	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	3.2	50.0	50.0	0.0

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
School Bus	0.1	0.0	0.0	100.0
Motor Home	0.6	0.0	83.3	16.7

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	32.9	18.0	49.1			
% of Trips - Commercial (by land use)						
Junior college (2 yrs)				5.0	2.5	92.5

Operational Changes to Defaults

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Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: H:\COMMON\AQ-Noise References\Air Quality\Modeling\Urbemis\Projects\CCCCD_Brentwood_mixed-use.urb924

Project Name: Contra Costa Community College - New Brentwood Campus - Pioneer

Project Location: Bay Area Air District

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

AREA SOURCE EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	2.29	0.02	1.55	0.00	0.01	0.01	2.81
TOTALS (lbs/day, mitigated)	2.07	0.02	1.55	0.00	0.01	0.01	2.81
Percent Reduction	9.61	0.00	0.00	NaN	0.00	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	13.60	17.96	182.99	0.22	39.34	7.48	22,092.57
TOTALS (lbs/day, mitigated)	13.04	17.21	175.37	0.21	37.71	7.17	21,172.05
Percent Reduction	4.12	4.18	4.16	4.55	4.14	4.14	4.17

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	15.89	17.98	184.54	0.22	39.35	7.49	22,095.38
TOTALS (lbs/day, mitigated)	15.11	17.23	176.92	0.21	37.72	7.18	21,174.86
Percent Reduction	4.91	4.17	4.13	4.55	4.14	4.14	4.17

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Area Source Unmitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth							
Landscape	0.12	0.02	1.55	0.00	0.01	0.01	2.81
Consumer Products	0.00						
Architectural Coatings	2.17						
TOTALS (lbs/day, unmitigated)	2.29	0.02	1.55	0.00	0.01	0.01	2.81

Area Source Mitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Summer Pounds Per Day, Mitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth							
Landscape	0.12	0.02	1.55	0.00	0.01	0.01	2.81
Consumer Products	0.00						
Architectural Coatings	1.95						
TOTALS (lbs/day, mitigated)	2.07	0.02	1.55	0.00	0.01	0.01	2.81

Area Source Changes to Defaults

Operational Unmitigated Detail Report:

OPERATIONAL EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

<u>Source</u>	ROG	NOX	CO	SO2	PM10	PM25	CO2
Mixed-Use Development	13.60	17.96	182.99	0.22	39.34	7.48	22,092.57
TOTALS (lbs/day, unmitigated)	13.60	17.96	182.99	0.22	39.34	7.48	22,092.57

Operational Settings:

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2014 Temperature (F): 85 Season: Summer

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
Mixed-Use Development		182.35	acres	17.00	3,099.95	22,917.93
					3,099.95	22,917.93

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	53.8	0.4	99.4	0.2
Light Truck < 3750 lbs	12.7	0.8	96.8	2.4
Light Truck 3751-5750 lbs	19.9	0.5	99.5	0.0
Med Truck 5751-8500 lbs	6.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	0.9	0.0	77.8	22.2
Lite-Heavy Truck 10,001-14,000 lbs	0.6	0.0	50.0	50.0

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.4	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	3.2	50.0	50.0	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	0.6	0.0	83.3	16.7

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commuter	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	32.9	18.0	49.1			
% of Trips - Commercial (by land use)						
Mixed-Use Development				2.0	1.0	97.0

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Urbemis 2007 Version 9.2.4

Combined Winter Emissions Reports (Pounds/Day)

File Name: H:\COMMON\AQ-Noise References\Air Quality\Modeling\Urbemis\Projects\CCCCD_Brentwood_mixed-use.urb924

Project Name: Contra Costa Community College - New Brentwood Campus - Pioneer

Project Location: Bay Area Air District

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

AREA SOURCE EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	2.17	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS (lbs/day, mitigated)	1.95	0.00	0.00	0.00	0.00	0.00	0.00
Percent Reduction	10.14	NaN	NaN	NaN	NaN	NaN	NaN

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	16.94	26.73	196.66	0.19	39.34	7.48	19,050.80
TOTALS (lbs/day, mitigated)	16.23	25.61	188.46	0.18	37.71	7.17	18,257.02
Percent Reduction	4.19	4.19	4.17	5.26	4.14	4.14	4.17

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	19.11	26.73	196.66	0.19	39.34	7.48	19,050.80
TOTALS (lbs/day, mitigated)	18.18	25.61	188.46	0.18	37.71	7.17	18,257.02
Percent Reduction	4.87	4.19	4.17	5.26	4.14	4.14	4.17

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Area Source Unmitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Winter Pounds Per Day, Unmitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth							
Landscaping - No Winter Emissions							
Consumer Products	0.00						
Architectural Coatings	2.17						
TOTALS (lbs/day, unmitigated)	2.17	0.00	0.00	0.00	0.00	0.00	0.00

Area Source Mitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Winter Pounds Per Day, Mitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth							
Landscaping - No Winter Emissions							
Consumer Products	0.00						
Architectural Coatings	1.95						
TOTALS (lbs/day, mitigated)	1.95	0.00	0.00	0.00	0.00	0.00	0.00

Area Source Changes to Defaults

Operational Unmitigated Detail Report:

OPERATIONAL EMISSION ESTIMATES Winter Pounds Per Day, Unmitigated

<u>Source</u>	ROG	NOX	CO	SO2	PM10	PM25	CO2
Mixed-Use Development	16.94	26.73	196.66	0.19	39.34	7.48	19,050.80
TOTALS (lbs/day, unmitigated)	16.94	26.73	196.66	0.19	39.34	7.48	19,050.80

Operational Settings:

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2014 Temperature (F): 40 Season: Winter

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
Mixed-Use Development		182.35	acres	17.00	3,099.95	22,917.93
					3,099.95	22,917.93

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	53.8	0.4	99.4	0.2
Light Truck < 3750 lbs	12.7	0.8	96.8	2.4
Light Truck 3751-5750 lbs	19.9	0.5	99.5	0.0
Med Truck 5751-8500 lbs	6.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	0.9	0.0	77.8	22.2
Lite-Heavy Truck 10,001-14,000 lbs	0.6	0.0	50.0	50.0

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.4	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	3.2	50.0	50.0	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	0.6	0.0	83.3	16.7

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commuter	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	32.9	18.0	49.1			
% of Trips - Commercial (by land use)						
Mixed-Use Development				2.0	1.0	97.0

Page: 1

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Urbemis 2007 Version 9.2.4

Combined Annual Emissions Reports (Tons/Year)

File Name: H:\COMMON\AQ-Noise References\Air Quality\Modeling\Urbemis\Projects\CCCCD_Brentwood_mixed-use.urb924

Project Name: Contra Costa Community College - New Brentwood Campus - Pioneer

Project Location: Bay Area Air District

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

AREA SOURCE EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (tons/year, unmitigated)	0.41	0.00	0.14	0.00	0.00	0.00	0.25
TOTALS (tons/year, mitigated)	0.37	0.00	0.14	0.00	0.00	0.00	0.25
Percent Reduction	9.76	NaN	0.00	NaN	NaN	NaN	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (tons/year, unmitigated)	2.68	3.81	34.23	0.04	7.18	1.37	3,846.85
TOTALS (tons/year, mitigated)	2.57	3.65	32.80	0.04	6.88	1.31	3,686.57
Percent Reduction	4.10	4.20	4.18	0.00	4.18	4.38	4.17

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (tons/year, unmitigated)	3.09	3.81	34.37	0.04	7.18	1.37	3,847.10
TOTALS (tons/year, mitigated)	2.94	3.65	32.94	0.04	6.88	1.31	3,686.82
Percent Reduction	4.85	4.20	4.16	0.00	4.18	4.38	4.17

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Area Source Unmitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Annual Tons Per Year, Unmitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth							
Landscape	0.01	0.00	0.14	0.00	0.00	0.00	0.25
Consumer Products	0.00						
Architectural Coatings	0.40						
TOTALS (tons/year, unmitigated)	0.41	0.00	0.14	0.00	0.00	0.00	0.25

Area Source Mitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Annual Tons Per Year, Mitigated

<u>Source</u>	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth							
Landscape	0.01	0.00	0.14	0.00	0.00	0.00	0.25
Consumer Products	0.00						
Architectural Coatings	0.36						
TOTALS (tons/year, mitigated)	0.37	0.00	0.14	0.00	0.00	0.00	0.25

Area Source Changes to Defaults

Operational Unmitigated Detail Report:

OPERATIONAL EMISSION ESTIMATES Annual Tons Per Year, Unmitigated

<u>Source</u>	ROG	NOX	CO	SO2	PM10	PM25	CO2
Mixed-Use Development	2.68	3.81	34.23	0.04	7.18	1.37	3,846.85
TOTALS (tons/year, unmitigated)	2.68	3.81	34.23	0.04	7.18	1.37	3,846.85

Operational Settings:

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2014 Season: Annual

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
Mixed-Use Development		182.35	acres	17.00	3,099.95	22,917.93
					3,099.95	22,917.93

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	53.8	0.4	99.4	0.2
Light Truck < 3750 lbs	12.7	0.8	96.8	2.4
Light Truck 3751-5750 lbs	19.9	0.5	99.5	0.0
Med Truck 5751-8500 lbs	6.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	0.9	0.0	77.8	22.2
Lite-Heavy Truck 10,001-14,000 lbs	0.6	0.0	50.0	50.0

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.4	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	3.2	50.0	50.0	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	0.6	0.0	83.3	16.7

Travel Conditions

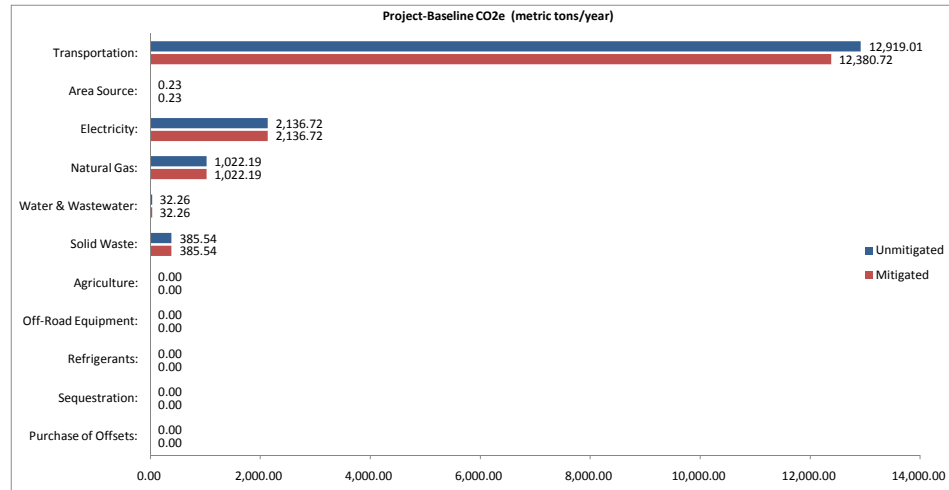
	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commuter	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	32.9	18.0	49.1			
% of Trips - Commercial (by land use)						
Mixed-Use Development				2.0	1.0	97.0

Summary Results

Project Name: Contra Costa Community College - New Brentwood Campus
 Project and Baseline Years: 2012 N/A

Results	Unmitigated Project- Baseline CO2e (metric tons/year)	Mitigated Project- Baseline CO2e (metric tons/year)
Transportation:	12,919.01	12,380.72
Area Source:	0.23	0.23
Electricity:	2,136.72	2,136.72
Natural Gas:	1,022.19	1,022.19
Water & Wastewater:	32.26	32.26
Solid Waste:	385.54	385.54
Agriculture:	0.00	0.00
Off-Road Equipment:	0.00	0.00
Refrigerants:	0.00	0.00
Sequestration:	N/A	0.00
Purchase of Offsets:	N/A	0.00
Total:	16,495.94	15,957.65

Baseline is currently: **OFF**
 Baseline Project Name:
 Go to Settings Tab to Turn On Baseline



Detailed Results

Unmitigated	CO2 (metric tpy)	CH4 (metric tpy)	N2O (metric tpy)	CO2e (metric tpy)	% of Total
Transportation*:				12,919.01	78.32%
Area Source:	0.23	0.00	0.00	0.23	0.00%
Electricity:	2,133.30	0.02	0.01	2,136.72	12.95%
Natural Gas:	1,019.58	0.10	0.00	1,022.19	6.20%
Water & Wastewater:	32.21	0.00	0.00	32.26	0.20%
Solid Waste:	2.82	18.22	N/A	385.54	2.34%
Agriculture:	0.00	0.00	0.00	0.00	0.00%
Off-Road Equipment:	0.00	0.00	0.00	0.00	0.00%
Refrigerants:	N/A	N/A	N/A	0.00	0.00%
Sequestration:	N/A	N/A	N/A	N/A	N/A
Purchase of Offsets:	N/A	N/A	N/A	N/A	N/A
Total:				16,495.94	100.00%

Baseline	CO2 (metric tpy)	CH4 (metric tpy)	N2O (metric tpy)	CO2e (metric tpy)	% of Total
Transportation*:				0.00	N/A
Area Source:	0.00	0.00	0.00	0.00	N/A
Electricity:	0.00	0.00	0.00	0.00	N/A
Natural Gas:	0.00	0.00	0.00	0.00	N/A
Water & Wastewater:	0.00	0.00	0.00	0.00	N/A
Solid Waste:	0.00	0.00	N/A	0.00	N/A
Agriculture:	0.00	0.00	0.00	0.00	N/A
Off-Road Equipment:	0.00	0.00	0.00	0.00	N/A
Refrigerants:	N/A	N/A	N/A	0.00	N/A
Sequestration:	N/A	N/A	N/A	N/A	N/A
Purchase of Offsets:	N/A	N/A	N/A	N/A	N/A
Total:				0.00	0.00%

* Several adjustments were made to transportation emissions after they have been imported from URBEMIS. After importing from URBEMIS, CO2 emissions are converted to metric tons and then adjusted to account for the "Pavley" regulation. Then, CO2 is converted to CO2e by multiplying by 100/95 to account for the contribution of other GHGs (CH4, N2O, and HFCs [from leaking air conditioners]) Finally, CO2e is adjusted to account for th low carbon fuels rule.

Mitigated	CO2 (metric tpy)	CH4 (metric tpy)	N2O (metric tpy)	CO2e (metric tpy)	% of Total
Transportation*:				12,380.72	77.58%
Area Source:	0.23	0.00	0.00	0.23	0.00%
Electricity:	2,133.30	0.02	0.01	2,136.72	13.39%
Natural Gas:	1,019.58	0.10	0.00	1,022.19	6.41%
Water & Wastewater:	32.21	0.00	0.00	32.26	0.20%
Solid Waste:	2.82	18.22	N/A	385.54	2.42%
Agriculture:	0.00	0.00	0.00	0.00	0.00%
Off-Road Equipment:	0.00	0.00	0.00	0.00	0.00%
Refrigerants:	N/A	N/A	N/A	0.00	0.00%
Sequestration:	N/A	N/A	N/A	0.00	0.00%
Purchase of Offsets:	N/A	N/A	N/A	0.00	0.00%
Total:				15,957.65	100.00%

Mitigation Measures Selected:

Transportation: Go to the following tab: [Transp. Detail Mit](#) for a list of the transportation mitigation measures selected (in URBEMIS)

Electricity: The following mitigation measure(s) have been selected to reduce electricity emissions.

Natural Gas: The following mitigation measure(s) have been selected to reduce natural gas emissions.

Water and Wastewater: The following mitigation measure(s) have been selected to reduce water and wastewater emissions.

Solid Waste: The following mitigation measure has been selected to reduce solid waste related GHG emissions.

Ag: No existing mitigation measures available.

Off-Road Equipment: No existing mitigation measures available.

Refrigerants: The following mitigation measure has been selected to reduce refrigerant emissions:

Carbon Sequestration: Project does not include carbon sequestration through tree planting.

Emission Offsets/Credits: Project does not include purchase of emission offsets/credits.

Appendix D

Traffic Technical Analyses

**Table D-1
Signalized Intersection LOS Criteria**

Level of Service	Description	Sum of Critical V/C Ratio
A	Progression is extremely favorable and most vehicles arrive during the green phase. Most vehicles do not stop at all. Short cycle lengths may also contribute to low delay.	< 0.60
B	Progression is good, cycle lengths are short, or both. More vehicles stop than with LOS A, causing higher levels of average delay.	0.61 - 0.70
C	Higher congestion may result from fair progression, longer cycle lengths, or both. Individual cycle failures may begin to appear at this level, though many vehicles still pass through the intersection without stopping.	0.71 - 0.80
D	The influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable progression, long cycle lengths, and/or high V/C ratios. Many vehicles stop, and the proportion of vehicles not stopping declines. Individual cycle failures are noticeable.	0.81 - 0.90
E	This level is considered by many agencies to be the limit of acceptable delay. High delay values generally indicate poor progression, long cycle lengths, and high V/C ratios. Individual cycle failures are frequent.	0.91 - 1.00
F	This level is considered unacceptable with oversaturation, which is when arrival flow rates exceed the capacity of the intersection. This level may occur at high V/C ratios below 1.0 with many cycle failures. Poor progression and long cycle lengths may be contributing factors to delay.	> 1.00

Source: *Technical Procedures Update* (Contra Costa Transportation Authority, 2006).

**Table D-2
Unsignalized Intersection LOS Criteria**

Level of Service	Description	Average Control Delay Per Vehicle (Seconds)
A	Little or no delays	< 10.0
B	Short traffic delays	10.1 to 15.0
C	Average traffic delays	15.1 to 25.0
D	Long traffic delays	25.1 to 35.0
E	Very long traffic delays	35.1 to 50.0
F	Extreme traffic delays with intersection capacity exceeded	> 50.0

Source: *Highway Capacity Manual*, Transportation Research Board, 2000.

**Table D-3
Near-Term Commercial Development Descriptions**

Map No.	Project Description	Status
1	65 ksf Church (DR 08-08 / CUP 08-09)	Proposed
2	26 ksf Industrial (DR 06-14)	Approved and Permitted
3	27 ksf Church (DR 088-11)	Approved
4	2.5 ksf Fast Food Restaurant (DR09-04 / CUP 09-02)	Approved and Permitted
5	12 ksf Community Center (DR 09-04 / CUP 09-02)	Approved and Permitted
6	20 ksf Office (DR 07-08)	Approved
7	100 ksf Mixed-Use Commercial (TSM 8633 / DR 03-10)	Approved and Permitted
8	9 ksf Mixed-Use Commercial (DR 05-30)	Approved
9	21 ksf Church (DR 08-20 / CUP 08-31)	Approved
10	11 ksf Office (DR 08-17 / MS 353-08)	Proposed
11	61 AC Ranch (TSM 9152 / GPA 09-01)	Approved
12	94 ksf Retail (DR 04-34)	Approved and Permitted
13	49 ksf Retail (DR 05-27)	Approved and Permitted
14	38 ksf Office (DR 05-15 / MS 351-06)	Approved
15	94 ksf City of Brentwood Civic Center (DR 07-16)	Approved and Permitted
16	29 ksf Mixed-Use Commercial (DR 08-01)	Approved and Permitted
17	117 ksf Shopping Center (DR 05-29)	Approved and Permitted
18	460 ksf Shopping Center (DR 06-08)	Approved and Permitted
19	45 Room Motel (DR 03-09)	Approved and Permitted

Source: *City of Brentwood Project Status Report*, February 12, 2010.

**Table D-4
Near-Term Residential Development Descriptions**

Map No.	Project Description	Status
1	471 Single Family Homes 108 Apartments (TSM 8729 / DR 0-12)	Under Construction
2	2 Single Family Homes (MS 357-06)	Approved – No Construction
3	8 Single Family Homes (TSM 8808)	Under Construction
4	64 Single Family Homes 104 Townhomes (TSM 8627 / DR 06-06)	Under Construction
5	5 Single Family Homes (MS 353-07)	Approved – No Construction
6	8 Single Family Homes (TSM 8446)	Approved – No Construction
7	132 Single Family Homes (TSM 9154 / DR 06-27)	Proposed
8	6 Single Family Homes (TSM 9148 / DR 06-23)	Proposed
9	33 Single Family Homes (TSM 9115 / DR 06-28)	Approved – No Construction
10	37 Single Family Homes (TSM 8982 / DR 05-25)	Approved – No Construction
11	9 Single Family Homes (TSM 8701)	Approval Expired
12	240 Single Family Homes (TSM 8954 / DR 05-07)	Under Construction
13	166 Single Family Homes (TSM 8506 / DR 01-12)	Approved – No Construction
14	494 Single Family Homes (TSM 8548 / DR 04-33)	Approval Expired
15	106 Single Family Homes (TSM 8311 / DR 05-20)	Approval Expired
16	177 Single Family Homes (TSM 8534 / DR 02-33)	Under Construction
17	160 Single Family Homes (TSM 9173 / DR 07-14)	Approved – No Construction
18	Vineyards at Marsh Creek ¹	Under Construction
19	3 Single Family Homes (MS 354-04)	Approved – No Construction
20	311 Single Family Homes (TSM 8788 / 03-33)	Under Construction
21	199 Single Family Homes (TSM 8601 / DR 02-26)	Under Construction
22	120 Apartments (DR 07-12)	Proposed
23	90 Single Family Homes (TSM 8781 / DR 03-27)	Under Construction
24	3 Single Family Homes (MS 358-06)	Proposed
25	180 Single Family Homes (TSM 8674 / DR 05-23)	Under Construction
26	481 Single Family Homes 30 Duplex units (TSM 8561A / DR 04-29)	Under Construction
27	84 Single Family Homes (TSM 8875 / DR 04-29)	Under Construction
28	162 Single Family Homes (TSM 8470 / DR 01-44)	Under Construction
29	4 Single Family Homes (MS 361-06)	Approved – No Construction
30	5 Single Family Homes (MS 353-06)	Approved – No Construction
31	6 Single Family Homes (MS 356-05)	Approved – No Construction

Notes:

1. The development in Vineyards at Marsh Creek assumed for the analysis is presented in Table 4.4-4

Source: *City of Brentwood Project Status Report*, February 12, 2010.

All Traffic Data

(916) 771-8700

Lafayette

File Name : 10-7025-001 FAIRVIEW-JOHN MUIR

Site Code : 00000000

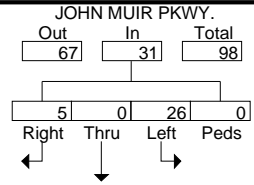
Start Date : 1/27/2010

Page No : 1

Groups Printed- Unshifted

Start Time	JOHN MUIR PKWY. Southbound					FAIRVIEW AVE. Westbound					DRIVEWAY Northbound					FAIRVIEW AVE. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00	2	0	0	0	2	0	5	8	0	13	0	0	0	0	0	1	4	0	0	5	20
07:15	1	0	0	0	1	1	6	9	0	16	0	0	0	0	0	2	4	0	0	6	23
07:30	1	1	0	0	2	3	5	7	0	15	0	0	0	0	0	0	2	0	0	2	19
07:45	7	0	1	0	8	1	7	34	0	42	0	0	0	0	0	1	3	0	0	4	54
Total	11	1	1	0	13	5	23	58	0	86	0	0	0	0	0	4	13	0	0	17	116
08:00	10	0	1	0	11	0	5	16	0	21	0	0	0	0	0	1	5	0	0	6	38
08:15	7	0	1	0	8	0	5	7	0	12	0	0	0	0	0	2	4	0	0	6	26
08:30	2	0	2	0	4	1	6	5	0	12	0	0	0	0	0	1	8	0	0	9	25
08:45	4	0	2	0	6	1	8	7	0	16	0	0	0	0	0	0	8	0	0	8	30
Total	23	0	6	0	29	2	24	35	0	61	0	0	0	0	0	4	25	0	0	29	119
*** BREAK ***																					
16:00	3	1	0	0	4	0	3	4	0	7	0	0	0	0	0	0	11	0	0	11	22
16:15	4	0	1	0	5	0	5	3	0	8	0	0	1	0	1	1	5	0	0	6	20
16:30	5	0	0	0	5	0	6	2	0	8	0	0	0	0	0	1	2	0	0	3	16
16:45	3	0	1	0	4	1	6	8	0	15	0	0	1	0	1	0	2	0	0	2	22
Total	15	1	2	0	18	1	20	17	0	38	0	0	2	0	2	2	20	0	0	22	80
17:00	6	0	1	0	7	1	5	3	0	9	0	0	4	0	4	0	4	0	0	4	24
17:15	4	0	1	0	5	3	2	4	0	9	0	0	3	0	3	2	4	0	0	6	23
17:30	0	0	0	0	0	0	5	3	0	8	0	0	2	0	2	0	3	0	0	3	13
17:45	6	0	0	0	6	0	4	6	0	10	0	0	1	0	1	3	3	0	0	6	23
Total	16	0	2	0	18	4	16	16	0	36	0	0	10	0	10	5	14	0	0	19	83
Grand Total	65	2	11	0	78	12	83	126	0	221	0	0	12	0	12	15	72	0	0	87	398
Apprch %	83.3	2.6	14.1	0		5.4	37.6	57	0		0	0	100	0		17.2	82.8	0	0		
Total %	16.3	0.5	2.8	0	19.6	3	20.9	31.7	0	55.5	0	0	3	0	3	3.8	18.1	0	0	21.9	

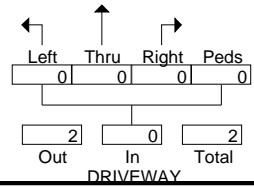
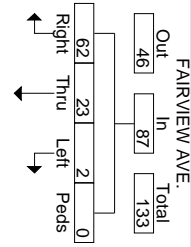
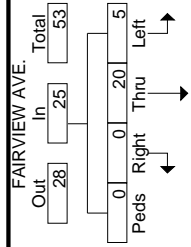
Start Time	JOHN MUIR PKWY. Southbound					FAIRVIEW AVE. Westbound					DRIVEWAY Northbound					FAIRVIEW AVE. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 07:00 to 17:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45																					
07:45	7	0	1	0	8	1	7	34	0	42	0	0	0	0	0	1	3	0	0	4	54
08:00	10	0	1	0	11	0	5	16	0	21	0	0	0	0	0	1	5	0	0	6	38
08:15	7	0	1	0	8	0	5	7	0	12	0	0	0	0	0	2	4	0	0	6	26
08:30	2	0	2	0	4	1	6	5	0	12	0	0	0	0	0	1	8	0	0	9	25
Total Volume	26	0	5	0	31	2	23	62	0	87	0	0	0	0	0	5	20	0	0	25	143
% App. Total	83.9	0	16.1	0		2.3	26.4	71.3	0		0	0	0	0		20	80	0	0		



Peak Hour Data



Peak Hour Begins at 07:45
Unshifted



All Traffic Data

(916) 771-8700

Lafayette

File Name : 10-7025-002 CONCORD-FAIRVIEW

Site Code : 00000000

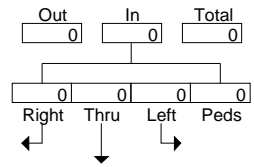
Start Date : 1/27/2010

Page No : 1

Groups Printed- Unshifted

Start Time	Southbound					FAIRVIEW AVE. Westbound					CONCORD AVE. Northbound					FAIRVIEW AVE. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00	0	0	0	0	0	6	9	0	0	15	4	0	3	0	7	0	2	3	0	5	27
07:15	0	0	0	0	0	8	11	0	0	19	3	0	2	0	5	0	2	4	0	6	30
07:30	0	0	0	0	0	9	12	0	0	21	5	0	4	0	9	0	0	4	0	4	34
07:45	0	0	0	0	0	11	28	0	0	39	14	0	9	0	23	0	6	3	0	9	71
Total	0	0	0	0	0	34	60	0	0	94	26	0	18	0	44	0	10	14	0	24	162
08:00	0	0	0	0	0	6	19	0	0	25	2	0	3	0	5	0	11	5	0	16	46
08:15	0	0	0	0	0	10	9	0	0	19	2	0	3	0	5	0	8	2	0	10	34
08:30	0	0	0	0	0	15	7	0	0	22	6	0	3	0	9	0	8	4	0	12	43
08:45	0	0	0	0	0	5	10	0	0	15	6	0	4	0	10	0	8	2	0	10	35
Total	0	0	0	0	0	36	45	0	0	81	16	0	13	0	29	0	35	13	0	48	158
*** BREAK ***																					
16:00	0	0	0	0	0	5	6	0	0	11	3	0	10	0	13	0	5	10	0	15	39
16:15	0	0	0	0	0	6	3	0	0	9	4	0	10	0	14	0	8	3	0	11	34
16:30	0	0	0	0	0	7	5	0	0	12	3	0	15	0	18	0	1	5	0	6	36
16:45	0	0	0	0	0	8	10	0	0	18	5	0	9	0	14	0	2	4	0	6	38
Total	0	0	0	0	0	26	24	0	0	50	15	0	44	0	59	0	16	22	0	38	147
17:00	0	0	0	0	0	11	5	0	0	16	5	0	18	0	23	0	9	9	0	18	57
17:15	0	0	0	0	0	6	3	0	0	9	5	0	19	0	24	0	4	3	0	7	40
17:30	0	0	0	0	0	11	5	0	0	16	3	0	14	0	17	0	2	3	0	5	38
17:45	0	0	0	0	0	5	3	0	0	8	5	0	10	0	15	0	7	3	0	10	33
Total	0	0	0	0	0	33	16	0	0	49	18	0	61	0	79	0	22	18	0	40	168
Grand Total	0	0	0	0	0	129	145	0	0	274	75	0	136	0	211	0	83	67	0	150	635
Apprch %	0	0	0	0	0	47.1	52.9	0	0		35.5	0	64.5	0		0	55.3	44.7	0		
Total %	0	0	0	0	0	20.3	22.8	0	0	43.1	11.8	0	21.4	0	33.2	0	13.1	10.6	0	23.6	

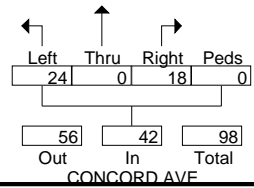
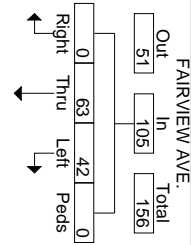
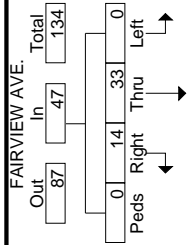
Start Time	Southbound					FAIRVIEW AVE. Westbound					CONCORD AVE. Northbound					FAIRVIEW AVE. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 07:00 to 17:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45																					
07:45	0	0	0	0	0	11	28	0	0	39	14	0	9	0	23	0	6	3	0	9	71
08:00	0	0	0	0	0	6	19	0	0	25	2	0	3	0	5	0	11	5	0	16	46
08:15	0	0	0	0	0	10	9	0	0	19	2	0	3	0	5	0	8	2	0	10	34
08:30	0	0	0	0	0	15	7	0	0	22	6	0	3	0	9	0	8	4	0	12	43
Total Volume	0	0	0	0	0	42	63	0	0	105	24	0	18	0	42	0	33	14	0	47	194
% App. Total	0	0	0	0	0	40	60	0	0		57.1	0	42.9	0		0	70.2	29.8	0		



Peak Hour Data



Peak Hour Begins at 07:45
Unshifted



All Traffic Data

(916) 771-8700

Lafayette

File Name : 10-7025-003 SR4-MARSH CREEK

Site Code : 00000000

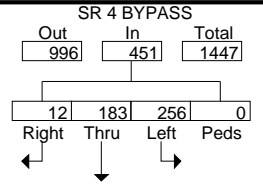
Start Date : 1/27/2010

Page No : 1

Groups Printed- Unshifted

Start Time	SR 4 BYPASS Southbound					MARSH CREEK RD. Westbound					SR 4 BYPASS Northbound					MARSH CREEK RD. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00	25	143	22	0	190	1	60	57	0	118	0	33	0	0	33	1	1	1	0	3	344
07:15	31	186	13	0	230	0	66	69	0	135	0	43	0	0	43	1	5	0	0	6	414
07:30	32	174	16	0	222	0	37	59	0	96	0	35	0	0	35	5	5	0	0	10	363
07:45	37	134	14	0	185	0	44	79	0	123	0	45	0	0	45	6	8	0	0	14	367
Total	125	637	65	0	827	1	207	264	0	472	0	156	0	0	156	13	19	1	0	33	1488
08:00	36	137	12	0	185	0	42	63	0	105	0	36	0	0	36	0	5	0	0	5	331
08:15	22	144	14	0	180	0	28	52	0	80	1	30	1	0	32	3	4	1	0	8	300
08:30	35	110	3	0	148	0	33	65	0	98	3	33	0	0	36	1	5	0	0	6	288
08:45	45	104	15	0	164	0	17	46	0	63	0	47	0	0	47	1	6	0	0	7	281
Total	138	495	44	0	677	0	120	226	0	346	4	146	1	0	151	5	20	1	0	26	1200
*** BREAK ***																					
16:00	74	67	1	0	142	0	8	37	0	45	0	179	3	0	182	14	45	0	0	59	428
16:15	63	65	6	0	134	0	13	50	0	63	0	141	0	0	141	11	33	0	0	44	382
16:30	78	44	3	0	125	0	6	82	0	88	0	145	1	0	146	20	31	1	0	52	411
16:45	60	49	2	0	111	0	12	49	0	61	0	163	0	0	163	21	64	1	0	86	421
Total	275	225	12	0	512	0	39	218	0	257	0	628	4	0	632	66	173	2	0	241	1642
17:00	61	43	2	0	106	2	6	54	0	62	0	150	1	0	151	18	60	2	0	80	399
17:15	75	52	5	0	132	0	10	54	0	64	0	189	0	0	189	30	49	5	0	84	469
17:30	52	51	3	0	106	0	1	72	0	73	0	165	0	0	165	24	73	0	0	97	441
17:45	68	37	2	0	107	1	4	33	0	38	1	187	0	0	188	20	72	0	0	92	425
Total	256	183	12	0	451	3	21	213	0	237	1	691	1	0	693	92	254	7	0	353	1734
Grand Total	794	1540	133	0	2467	4	387	921	0	1312	5	1621	6	0	1632	176	466	11	0	653	6064
Apprch %	32.2	62.4	5.4	0		0.3	29.5	70.2	0		0.3	99.3	0.4	0		27	71.4	1.7	0		
Total %	13.1	25.4	2.2	0	40.7	0.1	6.4	15.2	0	21.6	0.1	26.7	0.1	0	26.9	2.9	7.7	0.2	0	10.8	

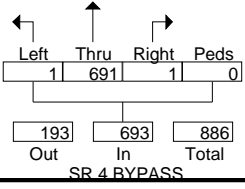
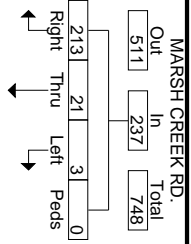
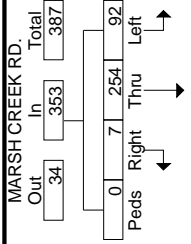
Start Time	SR 4 BYPASS Southbound					MARSH CREEK RD. Westbound					SR 4 BYPASS Northbound					MARSH CREEK RD. Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 07:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	61	43	2	0	106	2	6	54	0	62	0	150	1	0	151	18	60	2	0	80	399
17:15	75	52	5	0	132	0	10	54	0	64	0	189	0	0	189	30	49	5	0	84	469
17:30	52	51	3	0	106	0	1	72	0	73	0	165	0	0	165	24	73	0	0	97	441
17:45	68	37	2	0	107	1	4	33	0	38	1	187	0	0	188	20	72	0	0	92	425
Total Volume	256	183	12	0	451	3	21	213	0	237	1	691	1	0	693	92	254	7	0	353	1734
% App. Total	56.8	40.6	2.7	0		1.3	8.9	89.9	0		0.1	99.7	0.1	0		26.1	72	2	0		



Peak Hour Data

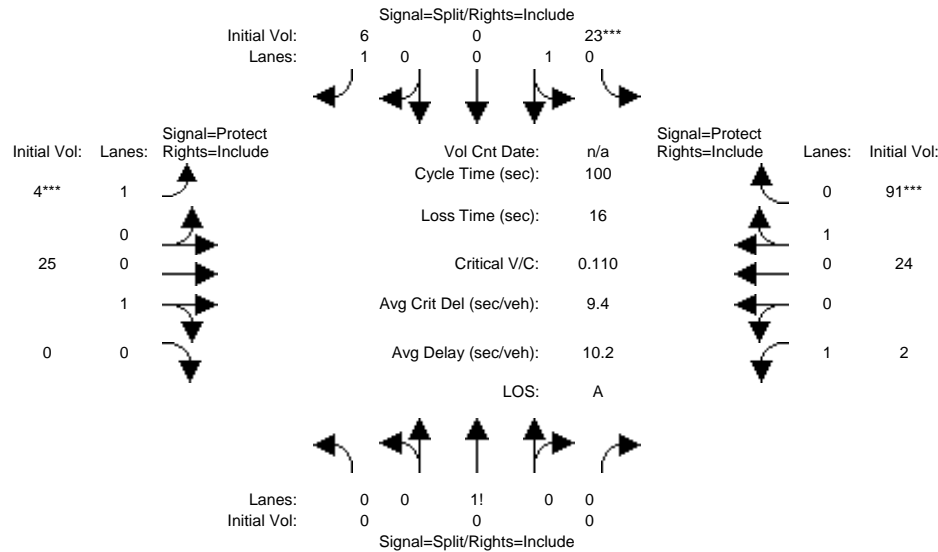


Peak Hour Begins at 17:00
Unshifted



Level Of Service Computation Report
 CCTALOS (Future Volume Alternative)
 Existing AM

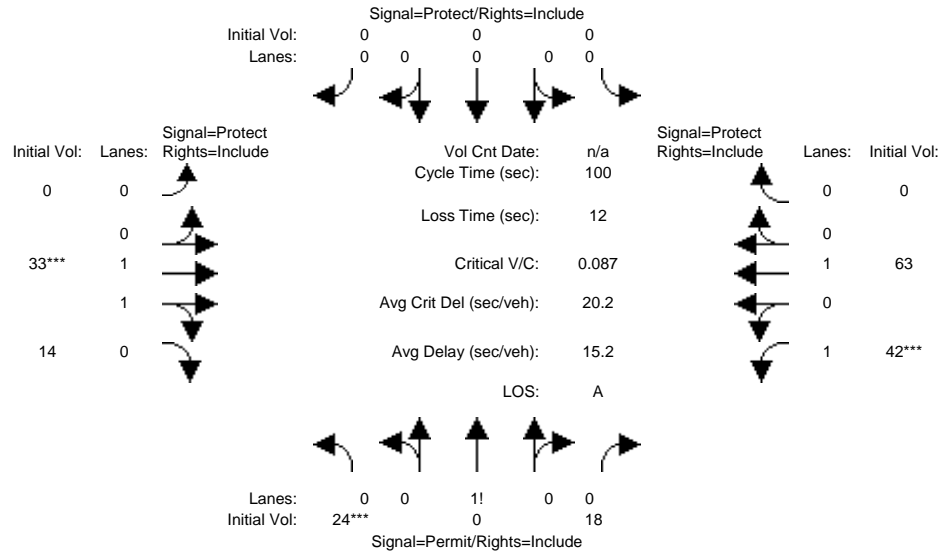
Intersection #1: John Muir Parkway / Fairview Avenue



Street Name:	John Muir Parkway						Fairview Avenue					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5
Volume Module:												
Base Vol:	0	0	0	23	0	6	4	25	0	2	24	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	23	0	6	4	25	0	2	24	91
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	23	0	6	4	25	0	2	24	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	0	0	0	31	0	8	5	33	0	3	32	121
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	31	0	8	5	33	0	3	32	121
RTOR Reduct:	0	0	0	0	0	5	0	0	0	0	0	0
RTOR Vol:	0	0	0	31	0	3	5	33	0	3	32	121
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	0	31	0	3	5	33	0	3	32	121
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.21	0.79
Final Sat.:	0	1720	0	1720	0	1720	1720	1720	0	1720	359	1361
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.09	0.09
Crit Volume:	0			31			5			153		
Crit Moves:				****			****			****		

Level Of Service Computation Report
 CCTALOS (Future Volume Alternative)
 Existing AM

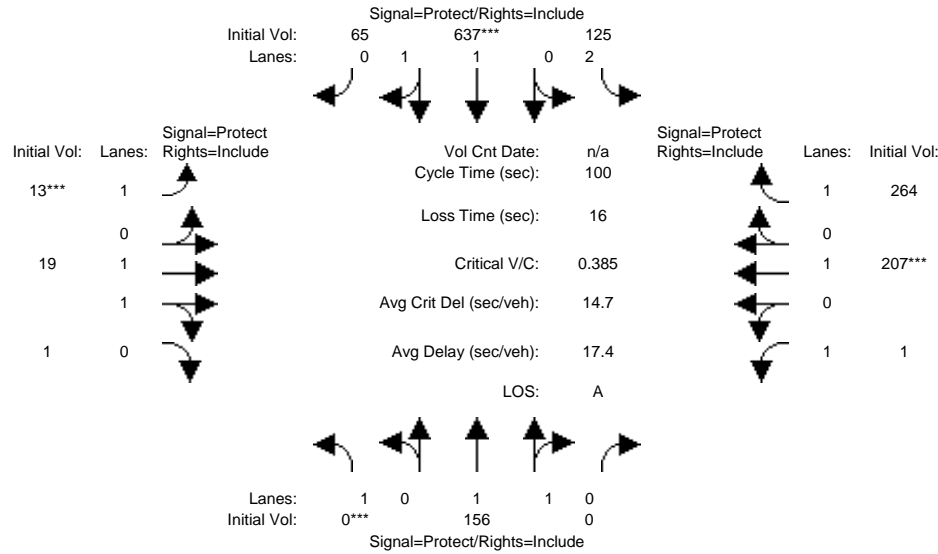
Intersection #2: Fairview Parkway / Concord Avenue



Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	24	0	18	0	0	0	0	33	14	42	63	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	24	0	18	0	0	0	0	33	14	42	63	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	24	0	18	0	0	0	0	33	14	42	63	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	32	0	24	0	0	0	0	44	19	56	84	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	32	0	24	0	0	0	0	44	19	56	84	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	32	0	24	0	0	0	0	44	19	56	84	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	32	0	24	0	0	0	0	44	19	56	84	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.57	0.00	0.43	0.00	0.00	0.00	0.00	1.40	0.60	1.00	1.00	0.00
Final Sat.:	943	0	707	0	0	0	0	2317	983	1650	1650	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.02	0.02	0.03	0.05	0.00
Crit Volume:	32			0			31			56		
Crit Moves:	***						***			***		

Level Of Service Computation Report
 CCTALOS (Future Volume Alternative)
 Existing AM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2

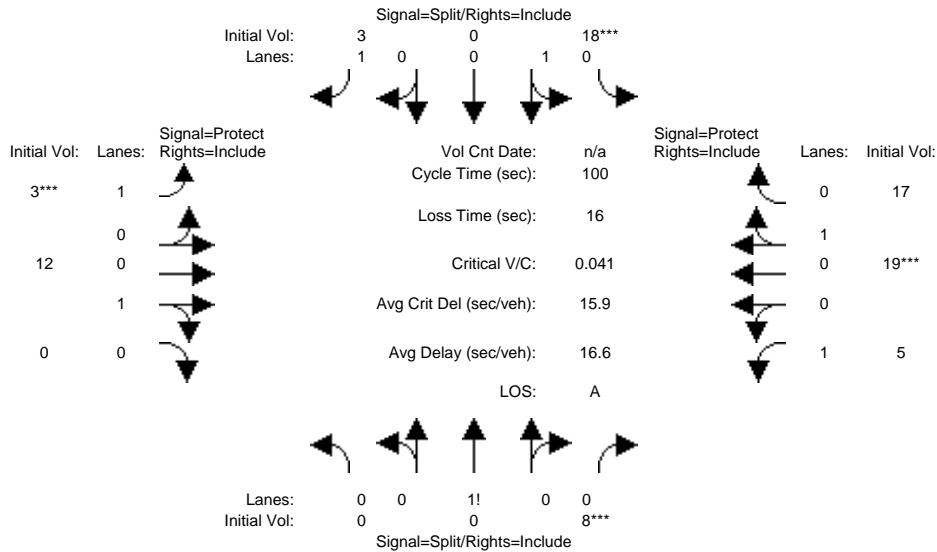
Volume Module:												
Base Vol:	0	156	0	125	637	65	13	19	1	1	207	264
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	156	0	125	637	65	13	19	1	1	207	264
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	156	0	125	637	65	13	19	1	1	207	264
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	0	173	0	139	708	72	14	21	1	1	230	293
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	173	0	139	708	72	14	21	1	1	230	293
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	76
RTOR Vol:	0	173	0	139	708	72	14	21	1	1	230	217
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	173	0	139	708	72	14	21	1	1	230	217

Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	2.00	1.81	0.19	1.00	1.90	0.10	1.00	1.00	1.00
Final Sat.:	1650	3300	0	3000	2994	306	1650	3135	165	1650	1650	1650

Capacity Analysis Module:												
Vol/Sat:	0.00	0.05	0.00	0.05	0.24	0.24	0.01	0.01	0.01	0.00	0.14	0.13
Crit Volume:	0			390			14			230		
Crit Moves:	***			***			***			***		

Level Of Service Computation Report
 CCTALOS (Future Volume Alternative)
 Existing PM

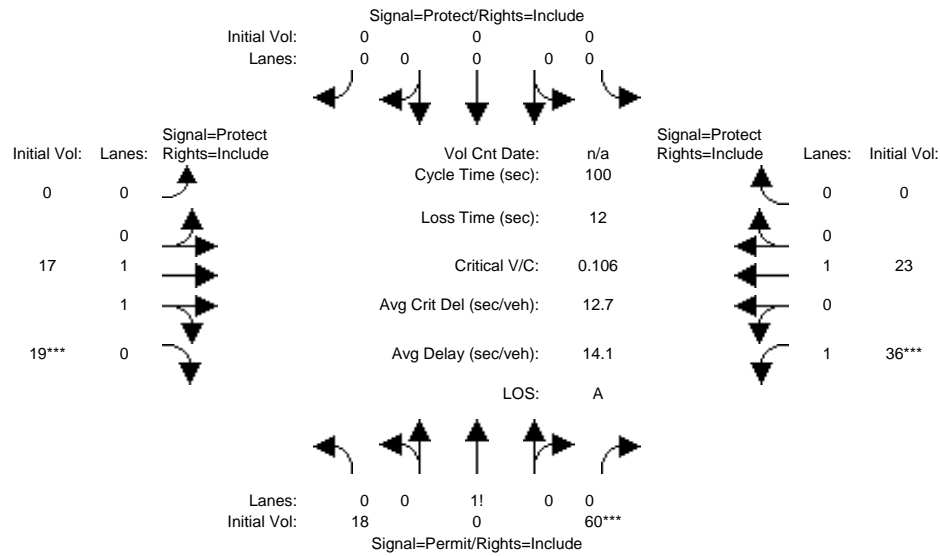
Intersection #1: John Muir Parkway / Fairview Avenue



Street Name:	John Muir Parkway						Fairview Avenue					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5
Volume Module:												
Base Vol:	0	0	8	18	0	3	3	12	0	5	19	17
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	8	18	0	3	3	12	0	5	19	17
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	8	18	0	3	3	12	0	5	19	17
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
PHF Volume:	0	0	9	20	0	3	3	13	0	6	21	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	9	20	0	3	3	13	0	6	21	19
RTOR Reduct:	0	0	6	0	0	3	0	0	0	0	0	0
RTOR Vol:	0	0	3	20	0	0	3	13	0	6	21	19
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	3	20	0	0	3	13	0	6	21	19
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.53	0.47
Final Sat.:	0	0	1650	1650	0	1650	1650	1650	0	1650	871	779
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.02
Crit Volume:			3	20			3			40		
Crit Moves:			****	****			****			****		

Level Of Service Computation Report
 CCTALOS (Future Volume Alternative)
 Existing PM

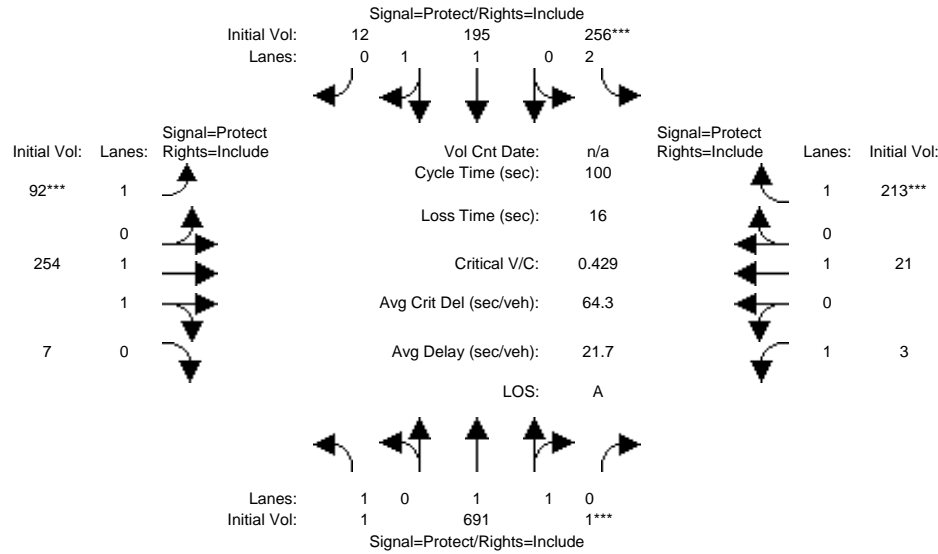
Intersection #2: Fairview Parkway / Concord Avenue



Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	18	0	60	0	0	0	0	17	19	36	23	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	18	0	60	0	0	0	0	17	19	36	23	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	18	0	60	0	0	0	0	17	19	36	23	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
PHF Volume:	24	0	79	0	0	0	0	22	25	47	30	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	24	0	79	0	0	0	0	22	25	47	30	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	24	0	79	0	0	0	0	22	25	47	30	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	24	0	79	0	0	0	0	22	25	47	30	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.23	0.00	0.77	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00
Final Sat.:	381	0	1269	0	0	0	0	1650	1650	1650	1650	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.02	0.00
Crit Volume:			103	0					25	47		
Crit Moves:			****						****	****		

Level Of Service Computation Report
 CCTALOS (Future Volume Alternative)
 Existing PM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2

Volume Module:												
Base Vol:	1	691	1	256	195	12	92	254	7	3	21	213
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	691	1	256	195	12	92	254	7	3	21	213
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1	691	1	256	195	12	92	254	7	3	21	213
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	1	751	1	278	212	13	100	276	8	3	23	232
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	1	751	1	278	212	13	100	276	8	3	23	232
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	153
RTOR Vol:	1	751	1	278	212	13	100	276	8	3	23	78
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	1	751	1	278	212	13	100	276	8	3	23	78

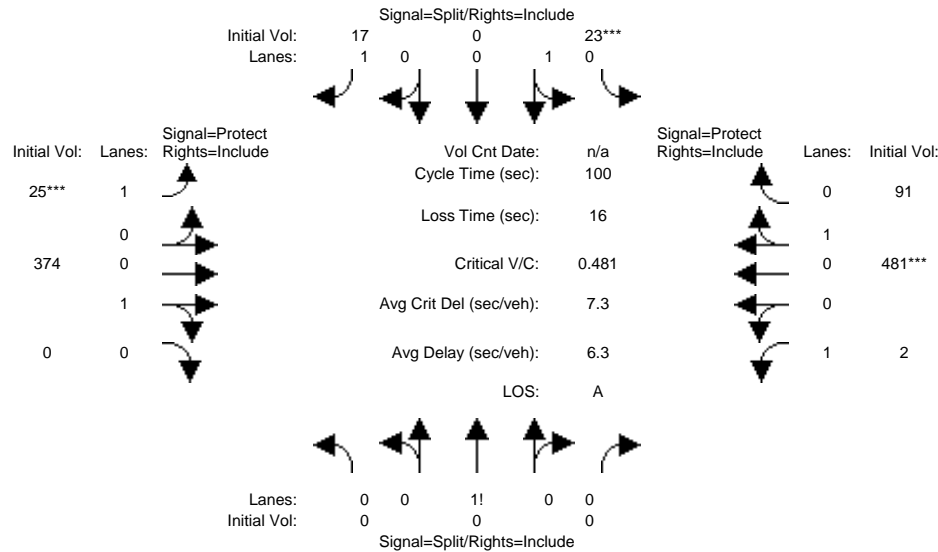
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	2.00	1.88	0.12	1.00	1.95	0.05	1.00	1.00	1.00
Final Sat.:	1650	3295	5	3000	3109	191	1650	3211	89	1650	1650	1650

Capacity Analysis Module:												
Vol/Sat:	0.00	0.23	0.23	0.09	0.07	0.07	0.06	0.09	0.09	0.00	0.01	0.05
Crit Volume:			376	139			100					78
Crit Moves:			****	****			****					****

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term AM

Intersection #1: John Muir Parkway / Fairview Avenue

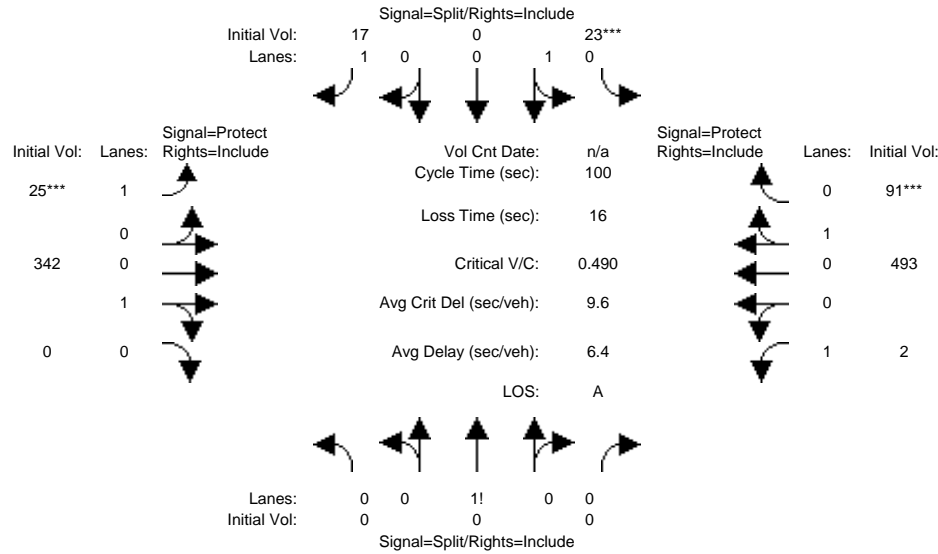


Street Name:	John Muir Parkway						Fairview Avenue					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5
Volume Module:												
Base Vol:	0	0	0	23	0	6	4	25	0	2	24	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	23	0	6	4	25	0	2	24	91
Added Vol:	0	0	0	0	0	11	21	349	0	0	457	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	23	0	17	25	374	0	2	481	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	0	0	0	31	0	23	33	499	0	3	641	121
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	31	0	23	33	499	0	3	641	121
RTOR Reduct:	0	0	0	0	0	23	0	0	0	0	0	0
RTOR Vol:	0	0	0	31	0	0	33	499	0	3	641	121
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	0	31	0	0	33	499	0	3	641	121
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.84	0.16
Final Sat.:	0	1720	0	1720	0	1720	1720	1720	0	1720	1446	274
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.29	0.00	0.00	0.44	0.44
Crit Volume:	0			31			33			763		
Crit Moves:				****			****			****		

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Phase 1 AM

Intersection #1: John Muir Parkway / Fairview Avenue



Street Name:	John Muir Parkway						Fairview Avenue					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5

Volume Module:												
Base Vol:	0	0	0	23	0	6	4	25	0	2	24	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	23	0	6	4	25	0	2	24	91
Added Vol:	0	0	0	0	0	11	21	317	0	0	469	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	23	0	17	25	342	0	2	493	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	0	0	0	31	0	23	33	456	0	3	657	121
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	31	0	23	33	456	0	3	657	121
RTOR Reduct:	0	0	0	0	0	23	0	0	0	0	0	0
RTOR Vol:	0	0	0	31	0	0	33	456	0	3	657	121
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	0	31	0	0	33	456	0	3	657	121

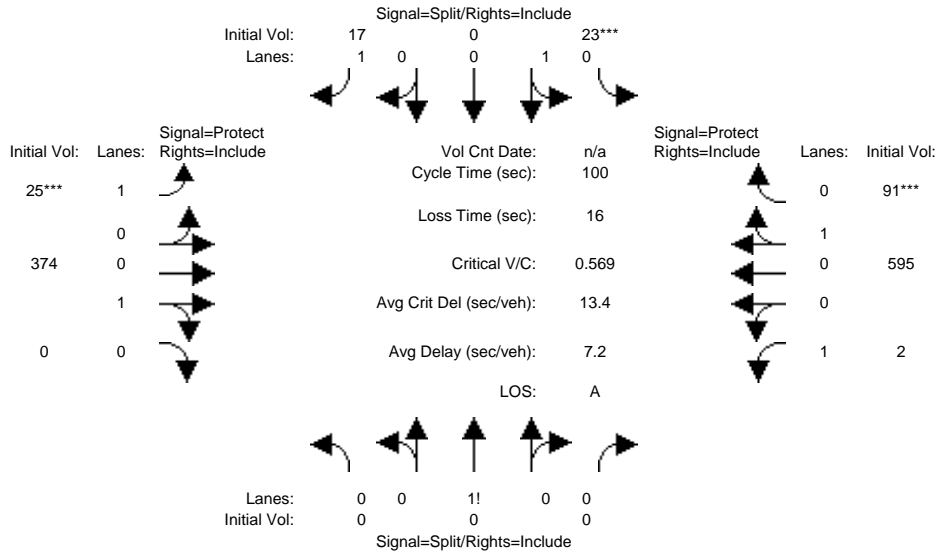
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.84	0.16
Final Sat.:	0	1720	0	1720	0	1720	1720	1720	0	1720	1452	268

Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.27	0.00	0.00	0.45	0.45
Crit Volume:		0		31			33					779
Crit Moves:				****			****					****

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Build Out AM

Intersection #1: John Muir Parkway / Fairview Avenue



Street Name:	John Muir Parkway						Fairview Avenue					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5

Volume Module:												
Base Vol:	0	0	0	23	0	6	4	25	0	2	24	91
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	23	0	6	4	25	0	2	24	91
Added Vol:	0	0	0	0	0	11	21	349	0	0	571	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	23	0	17	25	374	0	2	595	91
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	0	0	0	31	0	23	33	499	0	3	793	121
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	31	0	23	33	499	0	3	793	121
RTOR Reduct:	0	0	0	0	0	23	0	0	0	0	0	0
RTOR Vol:	0	0	0	31	0	0	33	499	0	3	793	121
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	0	31	0	0	33	499	0	3	793	121

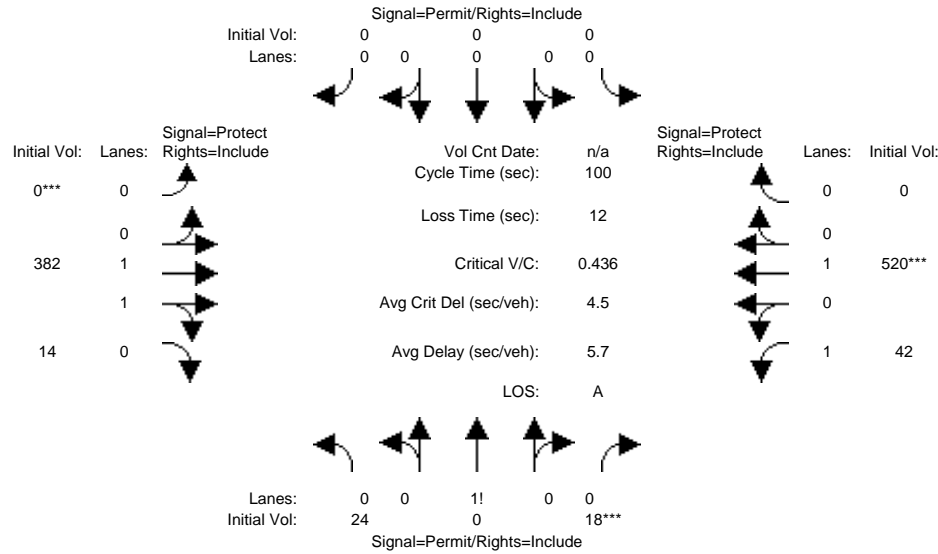
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.87	0.13
Final Sat.:	0	1720	0	1720	0	1720	1720	1720	0	1720	1492	228

Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.29	0.00	0.00	0.53	0.53
Crit Volume:		0		31			33					915
Crit Moves:				****			****					****

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term AM

Intersection #2: Fairview Parkway / Concord Avenue

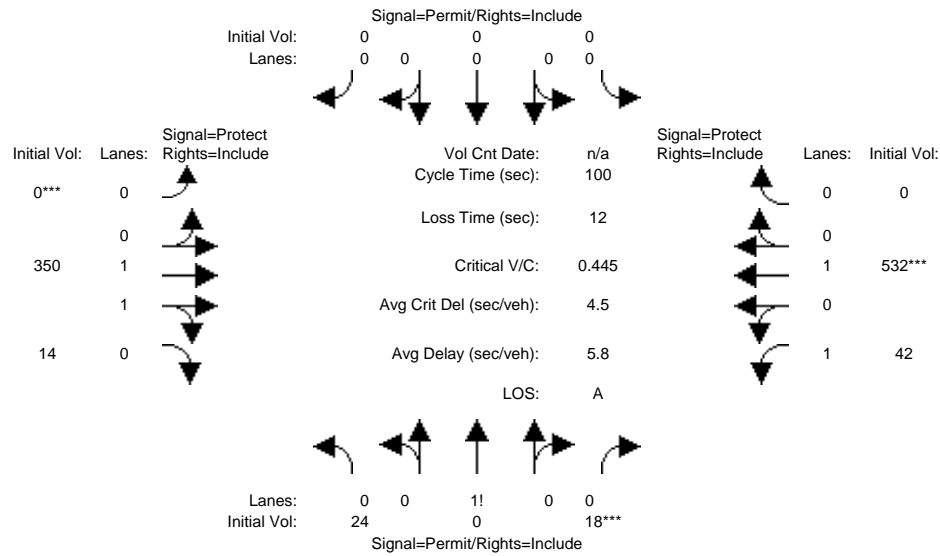


Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	24	0	18	0	0	0	0	33	14	42	63	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	24	0	18	0	0	0	0	33	14	42	63	0
Added Vol:	0	0	0	0	0	0	0	349	0	0	457	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	24	0	18	0	0	0	0	382	14	42	520	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	32	0	24	0	0	0	0	509	19	56	693	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	32	0	24	0	0	0	0	509	19	56	693	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	32	0	24	0	0	0	0	509	19	56	693	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	32	0	24	0	0	0	0	509	19	56	693	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.57	0.00	0.43	0.00	0.00	0.00	0.00	1.93	0.07	1.00	1.00	0.00
Final Sat.:	983	0	737	0	0	0	0	3318	122	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.15	0.15	0.03	0.40	0.00
Crit Volume:			56	0			0			693		
Crit Moves:			****				****			****		

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Phase 1 AM

Intersection #2: Fairview Parkway / Concord Avenue

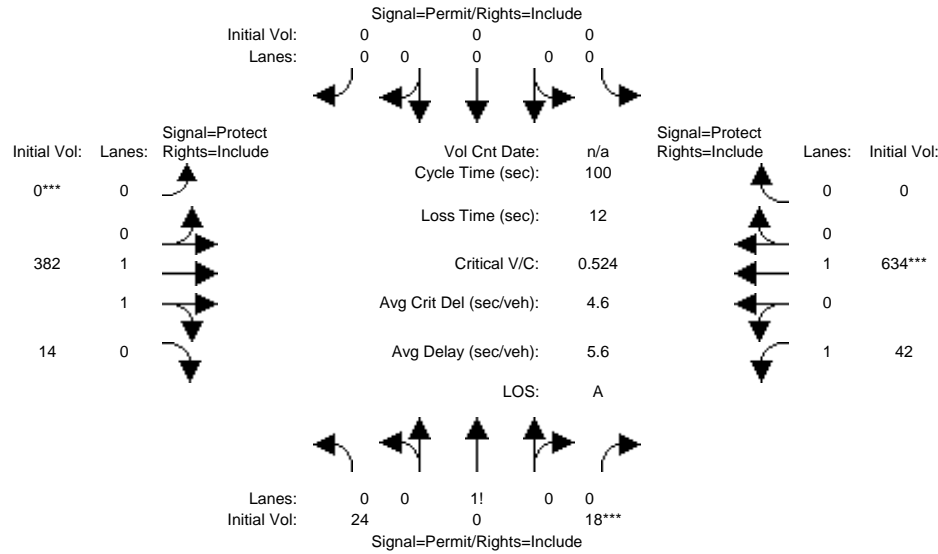


Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	24	0	18	0	0	0	0	33	14	42	63	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	24	0	18	0	0	0	0	33	14	42	63	0
Added Vol:	0	0	0	0	0	0	0	317	0	0	469	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	24	0	18	0	0	0	0	350	14	42	532	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	32	0	24	0	0	0	0	467	19	56	709	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	32	0	24	0	0	0	0	467	19	56	709	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	32	0	24	0	0	0	0	467	19	56	709	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	32	0	24	0	0	0	0	467	19	56	709	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.57	0.00	0.43	0.00	0.00	0.00	0.00	1.92	0.08	1.00	1.00	0.00
Final Sat.:	983	0	737	0	0	0	0	3308	132	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.14	0.14	0.03	0.41	0.00
Crit Volume:			56	0			0			709		
Crit Moves:			****				****			****		

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Build Out AM

Intersection #2: Fairview Parkway / Concord Avenue

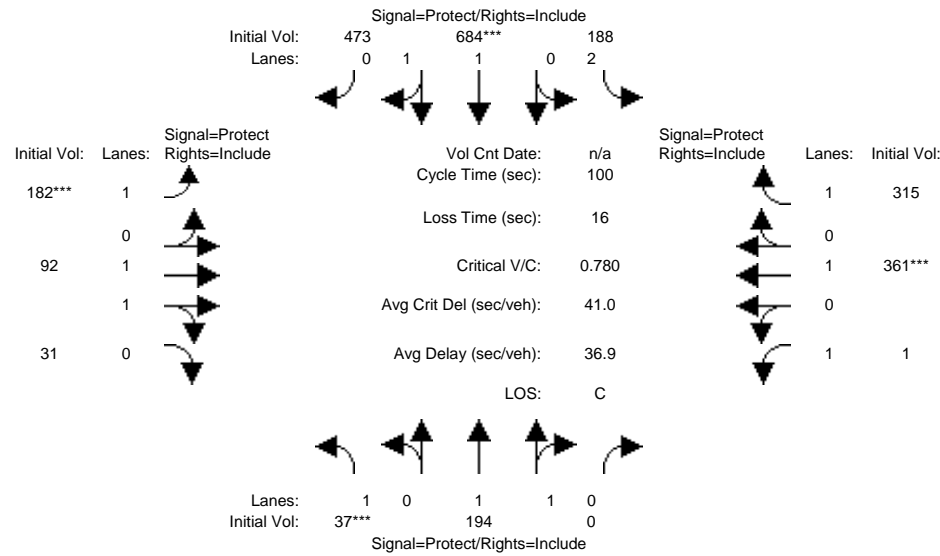


Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	24	0	18	0	0	0	0	33	14	42	63	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	24	0	18	0	0	0	0	33	14	42	63	0
Added Vol:	0	0	0	0	0	0	0	349	0	0	571	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	24	0	18	0	0	0	0	382	14	42	634	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	32	0	24	0	0	0	0	509	19	56	845	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	32	0	24	0	0	0	0	509	19	56	845	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	32	0	24	0	0	0	0	509	19	56	845	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	32	0	24	0	0	0	0	509	19	56	845	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.57	0.00	0.43	0.00	0.00	0.00	0.00	1.93	0.07	1.00	1.00	0.00
Final Sat.:	983	0	737	0	0	0	0	3318	122	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.15	0.15	0.03	0.49	0.00
Crit Volume:			56	0			0			845		
Crit Moves:			****				****			****		

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term AM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2

Volume Module:

Base Vol:	0	156	0	125	637	65	13	19	1	1	207	264
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	156	0	125	637	65	13	19	1	1	207	264
Added Vol:	37	38	0	63	47	408	169	73	30	0	154	51
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	37	194	0	188	684	473	182	92	31	1	361	315
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	41	216	0	209	760	526	202	102	34	1	401	350
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	41	216	0	209	760	526	202	102	34	1	401	350
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	115
RTOR Vol:	41	216	0	209	760	526	202	102	34	1	401	235
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	41	216	0	209	760	526	202	102	34	1	401	235

Saturation Flow Module:

Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	2.00	1.18	0.82	1.00	1.50	0.50	1.00	1.00	1.00
Final Sat.:	1650	3300	0	3000	1951	1349	1650	2468	832	1650	1650	1650

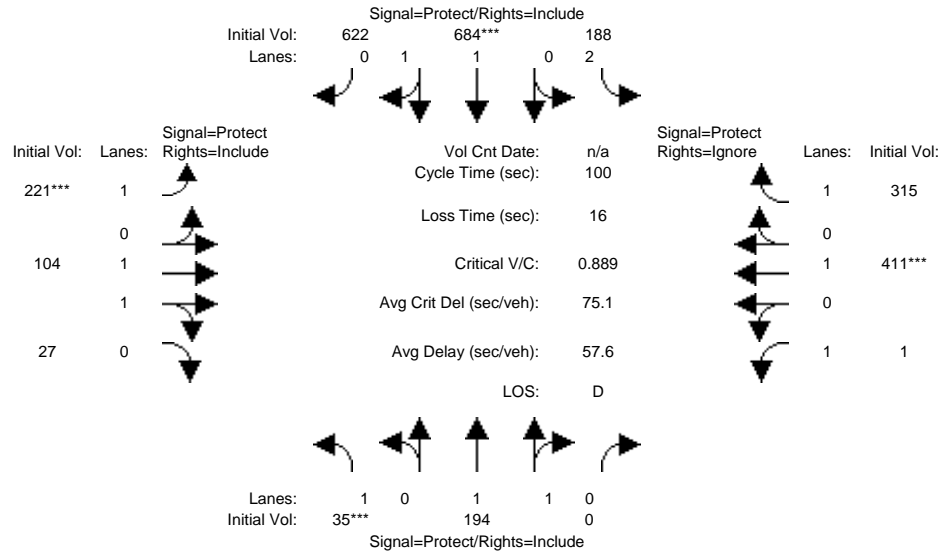
Capacity Analysis Module:

Vol/Sat:	0.02	0.07	0.00	0.07	0.39	0.39	0.12	0.04	0.04	0.00	0.24	0.14
Crit Volume:	41			643			202			401		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Phase 1 AM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name:	SR 4 Bypass / Vasco Road			Marsh Creek Road								
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2

Volume Module:												
Base Vol:	0	156	0	125	637	65	13	19	1	1	207	264
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	156	0	125	637	65	13	19	1	1	207	264
Added Vol:	35	38	0	63	47	557	208	85	26	0	204	51
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	35	194	0	188	684	622	221	104	27	1	411	315
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	39	216	0	209	760	691	246	116	30	1	457	350
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	39	216	0	209	760	691	246	116	30	1	457	350
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	39	216	0	209	760	691	246	116	30	1	457	350
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	39	216	0	209	760	691	246	116	30	1	457	350

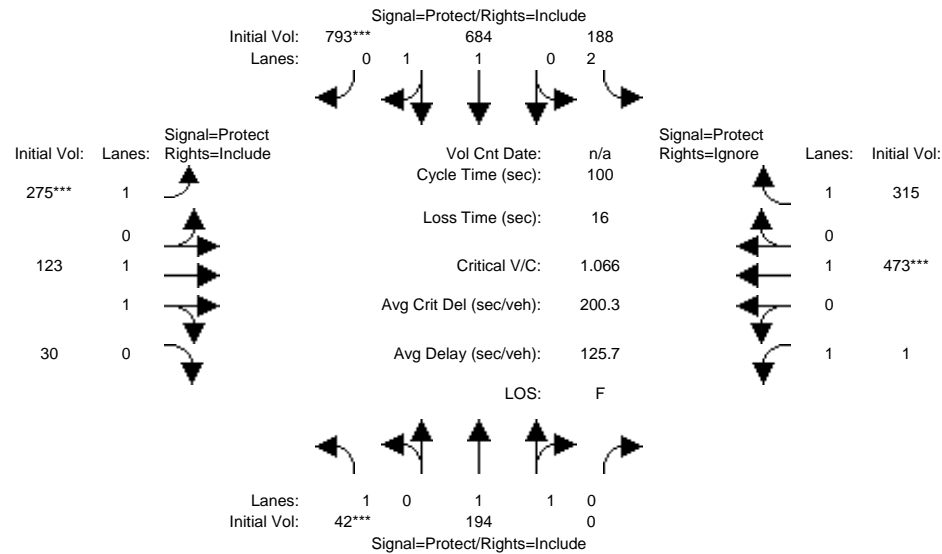
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	2.00	1.05	0.95	1.00	1.59	0.41	1.00	1.00	1.00
Final Sat.:	1650	3300	0	3000	1728	1572	1650	2620	680	1650	1650	1650

Capacity Analysis Module:												
Vol/Sat:	0.02	0.07	0.00	0.07	0.44	0.44	0.15	0.04	0.04	0.00	0.28	0.21
Crit Volume:	39				726		246			457		
Crit Moves:	****				****		****			****		

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Build Out AM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2

Volume Module:	North Bound			South Bound			East Bound			West Bound		
Base Vol:	0	156	0	125	637	65	13	19	1	1	207	264
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	156	0	125	637	65	13	19	1	1	207	264
Added Vol:	42	38	0	63	47	728	262	104	29	0	266	51
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	42	194	0	188	684	793	275	123	30	1	473	315
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	47	216	0	209	760	881	306	137	33	1	526	350
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	47	216	0	209	760	881	306	137	33	1	526	350
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	47	216	0	209	760	881	306	137	33	1	526	350
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	47	216	0	209	760	881	306	137	33	1	526	350

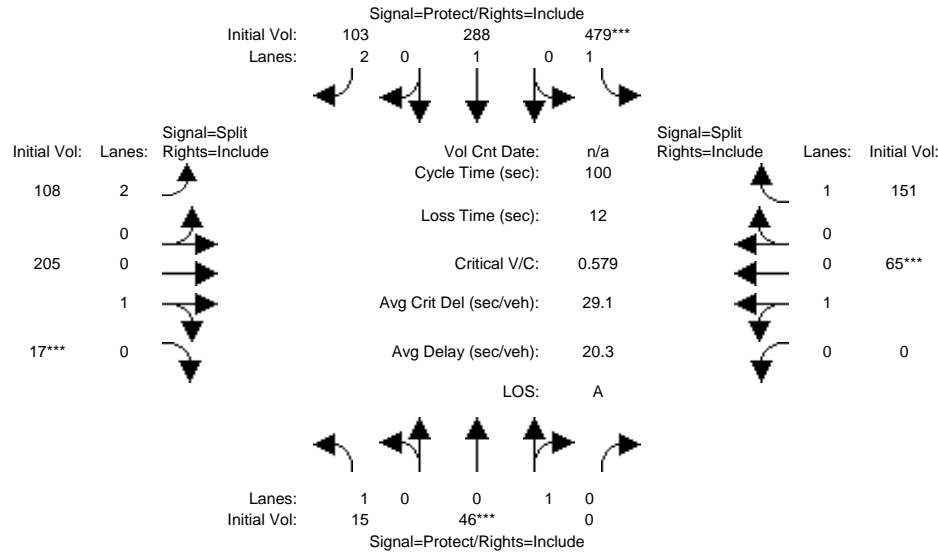
Saturation Flow Module:	North Bound			South Bound			East Bound			West Bound		
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	2.00	1.00	1.00	1.00	1.61	0.39	1.00	1.00	1.00
Final Sat.:	1650	3300	0	3000	1650	1650	1650	2653	647	1650	1650	1650

Capacity Analysis Module:	North Bound			South Bound			East Bound			West Bound		
Vol/Sat:	0.03	0.07	0.00	0.07	0.46	0.53	0.19	0.05	0.05	0.00	0.32	0.21
Crit Volume:	47					881	306			526		
Crit Moves:	****					****	****			****		

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term AM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]

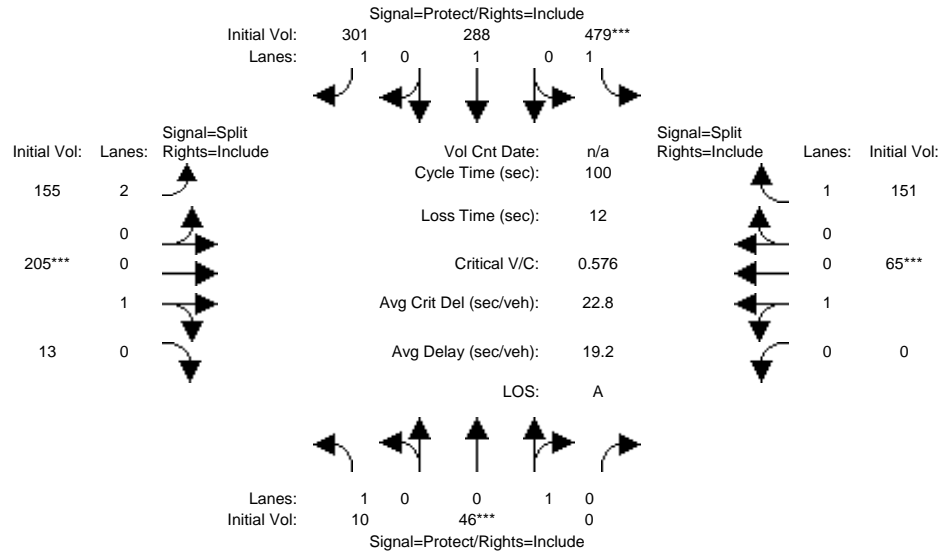


Street Name:	Marsh Creek Road						Vineyards Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	33	0	0	272	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	33	0	0	272	0	0	0	0	0	0	0
Added Vol:	15	13	0	479	16	103	108	205	17	0	65	151
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	15	46	0	479	288	103	108	205	17	0	65	151
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	18	54	0	564	339	121	127	241	20	0	76	178
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	18	54	0	564	339	121	127	241	20	0	76	178
RTOR Reduct:	0	0	0	0	0	70	0	0	0	0	0	178
RTOR Vol:	18	54	0	564	339	51	127	241	20	0	76	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	18	54	0	564	339	51	127	241	20	0	76	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	2.00	2.00	0.92	0.08	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	3000	3000	1524	126	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.03	0.00	0.34	0.21	0.02	0.04	0.16	0.16	0.00	0.05	0.00
Crit Volume:	54			564			261			76		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Phase 1 AM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]

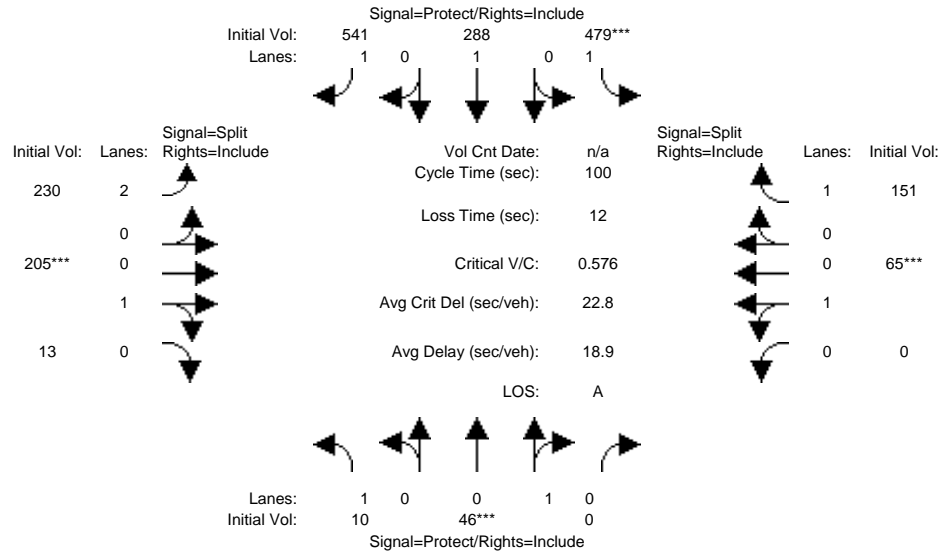


Street Name:	Marsh Creek Road						Vineyards Parkway					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	33	0	0	272	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	33	0	0	272	0	0	0	0	0	0	0
Added Vol:	10	13	0	479	16	301	155	205	13	0	65	151
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	46	0	479	288	301	155	205	13	0	65	151
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	12	54	0	564	339	354	182	241	15	0	76	178
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	54	0	564	339	354	182	241	15	0	76	178
RTOR Reduct:	0	0	0	0	0	100	0	0	0	0	0	178
RTOR Vol:	12	54	0	564	339	254	182	241	15	0	76	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	12	54	0	564	339	254	182	241	15	0	76	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	1.00	2.00	0.94	0.06	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	1650	3000	1552	98	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.03	0.00	0.34	0.21	0.15	0.06	0.16	0.16	0.00	0.05	0.00
Crit Volume:		54		564			256			76		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Near-Term AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Build Out AM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]

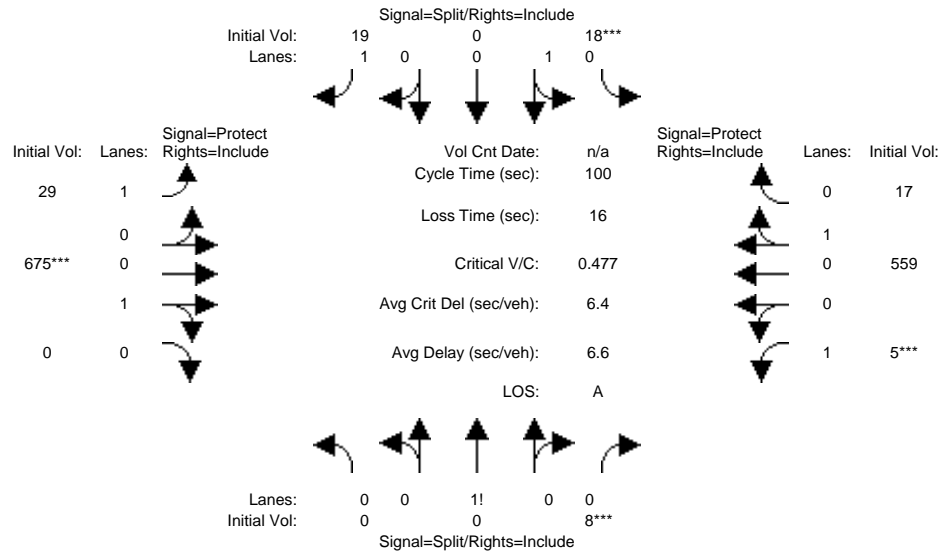


Street Name:	Marsh Creek Road						Vineyards Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	33	0	0	272	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	33	0	0	272	0	0	0	0	0	0	0
Added Vol:	10	13	0	479	16	541	230	205	13	0	65	151
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	46	0	479	288	541	230	205	13	0	65	151
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	12	54	0	564	339	636	271	241	15	0	76	178
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	54	0	564	339	636	271	241	15	0	76	178
RTOR Reduct:	0	0	0	0	0	149	0	0	0	0	0	178
RTOR Vol:	12	54	0	564	339	488	271	241	15	0	76	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	12	54	0	564	339	488	271	241	15	0	76	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	1.00	2.00	0.94	0.06	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	1650	3000	1552	98	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.03	0.00	0.34	0.21	0.30	0.09	0.16	0.16	0.00	0.05	0.00
Crit Volume:	54			564			256			76		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term PM

Intersection #1: John Muir Parkway / Fairview Avenue

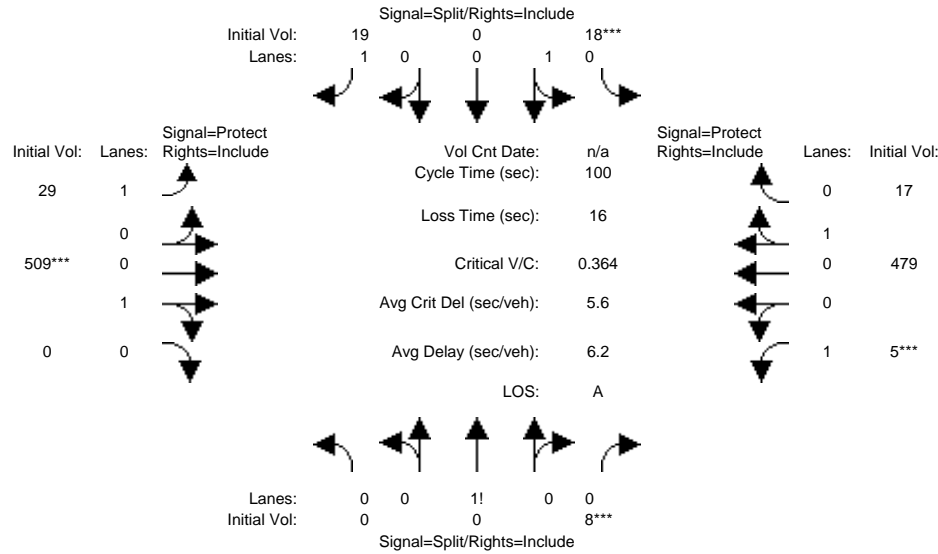


Street Name:	John Muir Parkway						Fairview Avenue					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5
Volume Module:												
Base Vol:	0	0	8	18	0	3	3	12	0	5	19	17
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	8	18	0	3	3	12	0	5	19	17
Added Vol:	0	0	0	0	0	16	26	663	0	0	540	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	8	18	0	19	29	675	0	5	559	17
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
PHF Volume:	0	0	9	20	0	21	33	758	0	6	628	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	9	20	0	21	33	758	0	6	628	19
RTOR Reduct:	0	0	6	0	0	21	0	0	0	0	0	0
RTOR Vol:	0	0	3	20	0	0	33	758	0	6	628	19
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	3	20	0	0	33	758	0	6	628	19
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.97	0.03
Final Sat.:	0	0	1650	1650	0	1650	1650	1650	0	1650	1601	49
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.46	0.00	0.00	0.39	0.39
Crit Volume:			3	20				758			6	
Crit Moves:			****	****				****		****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Phase 1 PM

Intersection #1: John Muir Parkway / Fairview Avenue



Street Name:	John Muir Parkway						Fairview Avenue					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5

Volume Module:												
Base Vol:	0	0	8	18	0	3	3	12	0	5	19	17
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	8	18	0	3	3	12	0	5	19	17
Added Vol:	0	0	0	0	0	16	26	497	0	0	460	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	8	18	0	19	29	509	0	5	479	17
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
PHF Volume:	0	0	9	20	0	21	33	572	0	6	538	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	9	20	0	21	33	572	0	6	538	19
RTOR Reduct:	0	0	6	0	0	21	0	0	0	0	0	0
RTOR Vol:	0	0	3	20	0	0	33	572	0	6	538	19
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	3	20	0	0	33	572	0	6	538	19

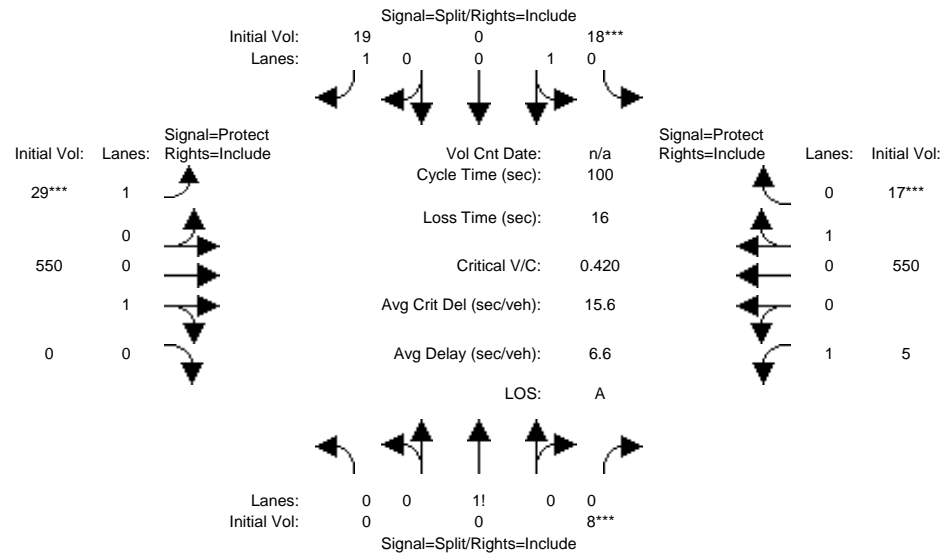
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.97	0.03
Final Sat.:	0	0	1650	1650	0	1650	1650	1650	0	1650	1593	57

Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.35	0.00	0.00	0.34	0.34
Crit Volume:			3	20				572		6		
Crit Moves:			****	****				****		****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Build Out PM

Intersection #1: John Muir Parkway / Fairview Avenue

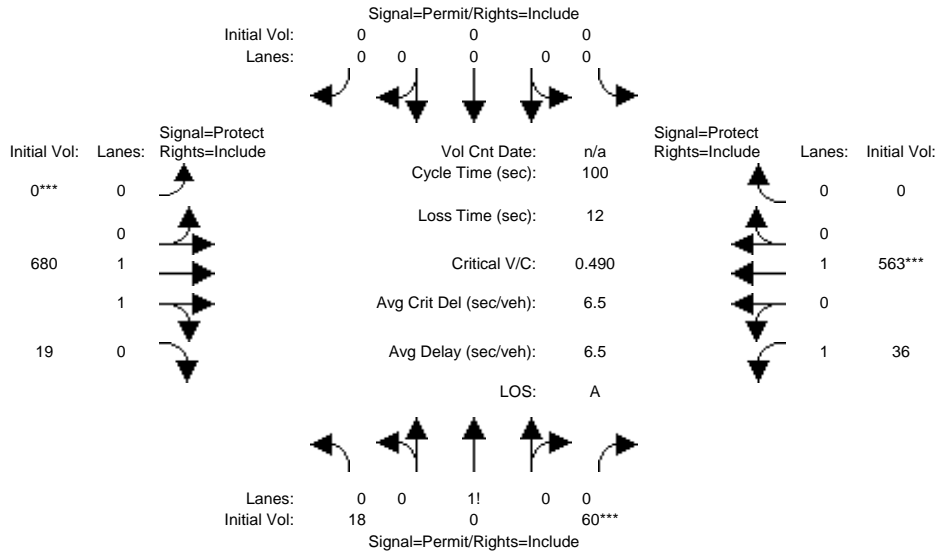


Street Name:	John Muir Parkway						Fairview Avenue					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5
Volume Module:												
Base Vol:	0	0	8	18	0	3	3	12	0	5	19	17
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	8	18	0	3	3	12	0	5	19	17
Added Vol:	0	0	0	0	0	16	26	538	0	0	531	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	8	18	0	19	29	550	0	5	550	17
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
PHF Volume:	0	0	9	20	0	21	33	618	0	6	618	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	9	20	0	21	33	618	0	6	618	19
RTOR Reduct:	0	0	6	0	0	21	0	0	0	0	0	0
RTOR Vol:	0	0	3	20	0	0	33	618	0	6	618	19
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	3	20	0	0	33	618	0	6	618	19
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.97	0.03
Final Sat.:	0	0	1650	1650	0	1650	1650	1650	0	1650	1601	49
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.37	0.00	0.00	0.39	0.39
Crit Volume:			3	20			33					637
Crit Moves:			****	****			****					****

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term PM

Intersection #2: Fairview Parkway / Concord Avenue

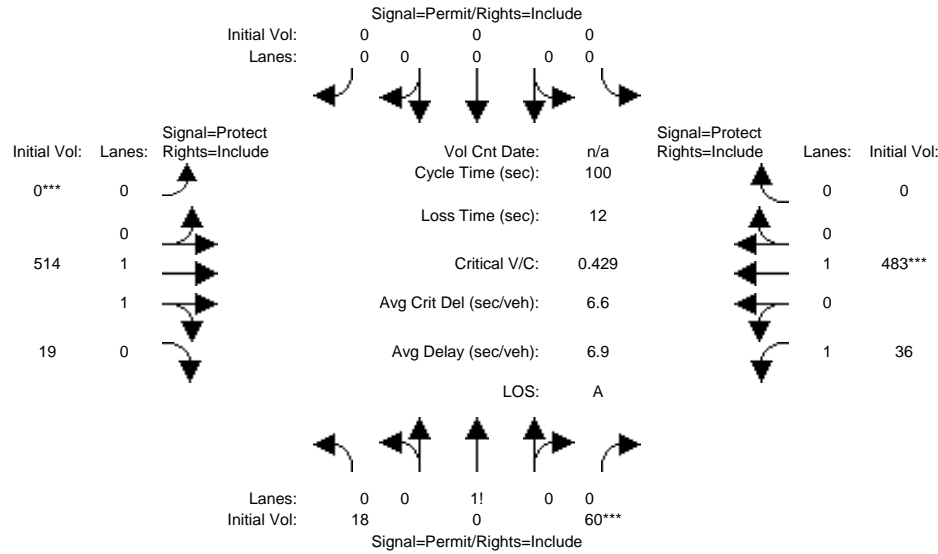


Street Name:	Concord Avenue						Fairview Parkway					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	18	0	60	0	0	0	0	17	19	36	23	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	18	0	60	0	0	0	0	17	19	36	23	0
Added Vol:	0	0	0	0	0	0	0	663	0	0	540	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	18	0	60	0	0	0	0	680	19	36	563	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
PHF Volume:	24	0	79	0	0	0	0	895	25	47	741	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	24	0	79	0	0	0	0	895	25	47	741	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	24	0	79	0	0	0	0	895	25	47	741	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	24	0	79	0	0	0	0	895	25	47	741	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.23	0.00	0.77	0.00	0.00	0.00	0.00	1.95	0.05	1.00	1.00	0.00
Final Sat.:	397	0	1323	0	0	0	0	3346	94	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.27	0.27	0.03	0.43	0.00
Crit Volume:			103	0			0			741		
Crit Moves:			****				****			****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Phase 1 PM

Intersection #2: Fairview Parkway / Concord Avenue

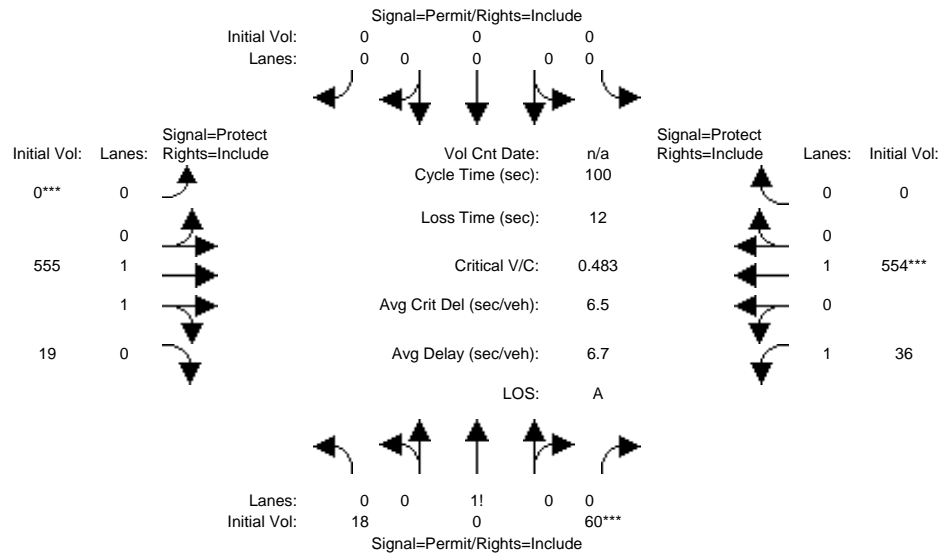


Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	18	0	60	0	0	0	0	17	19	36	23	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	18	0	60	0	0	0	0	17	19	36	23	0
Added Vol:	0	0	0	0	0	0	0	497	0	0	460	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	18	0	60	0	0	0	0	514	19	36	483	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
PHF Volume:	24	0	79	0	0	0	0	676	25	47	636	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	24	0	79	0	0	0	0	676	25	47	636	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	24	0	79	0	0	0	0	676	25	47	636	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	24	0	79	0	0	0	0	676	25	47	636	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.23	0.00	0.77	0.00	0.00	0.00	0.00	1.93	0.07	1.00	1.00	0.00
Final Sat.:	397	0	1323	0	0	0	0	3317	123	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.20	0.20	0.03	0.37	0.00
Crit Volume:			103	0			0			636		
Crit Moves:			****				****			****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Build Out PM

Intersection #2: Fairview Parkway / Concord Avenue

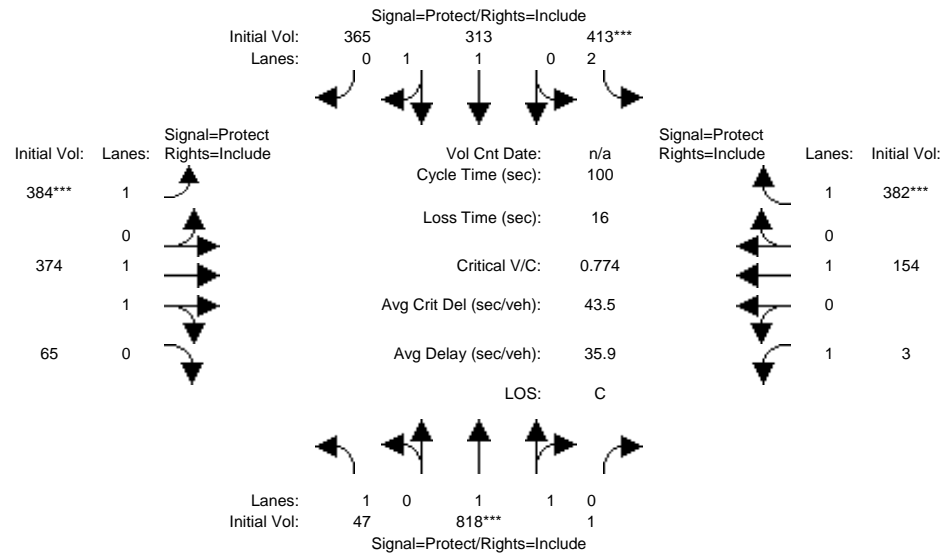


Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	18	0	60	0	0	0	0	17	19	36	23	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	18	0	60	0	0	0	0	17	19	36	23	0
Added Vol:	0	0	0	0	0	0	0	538	0	0	531	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	18	0	60	0	0	0	0	555	19	36	554	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
PHF Volume:	24	0	79	0	0	0	0	730	25	47	729	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	24	0	79	0	0	0	0	730	25	47	729	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	24	0	79	0	0	0	0	730	25	47	729	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	24	0	79	0	0	0	0	730	25	47	729	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.23	0.00	0.77	0.00	0.00	0.00	0.00	1.93	0.07	1.00	1.00	0.00
Final Sat.:	397	0	1323	0	0	0	0	3326	114	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.22	0.22	0.03	0.42	0.00
Crit Volume:			103	0			0			729		
Crit Moves:			****				****			****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term PM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2

Volume Module:

Base Vol:	1	691	1	256	195	12	92	254	7	3	21	213
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	691	1	256	195	12	92	254	7	3	21	213
Added Vol:	46	127	0	157	118	353	292	120	58	0	133	169
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	47	818	1	413	313	365	384	374	65	3	154	382
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	51	889	1	449	340	397	417	407	71	3	167	415
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	51	889	1	449	340	397	417	407	71	3	167	415
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	247
RTOR Vol:	51	889	1	449	340	397	417	407	71	3	167	168
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	51	889	1	449	340	397	417	407	71	3	167	168

Saturation Flow Module:

Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	2.00	1.00	1.00	1.00	1.70	0.30	1.00	1.00	1.00
Final Sat.:	1650	3296	4	3000	1650	1650	1650	2811	489	1650	1650	1650

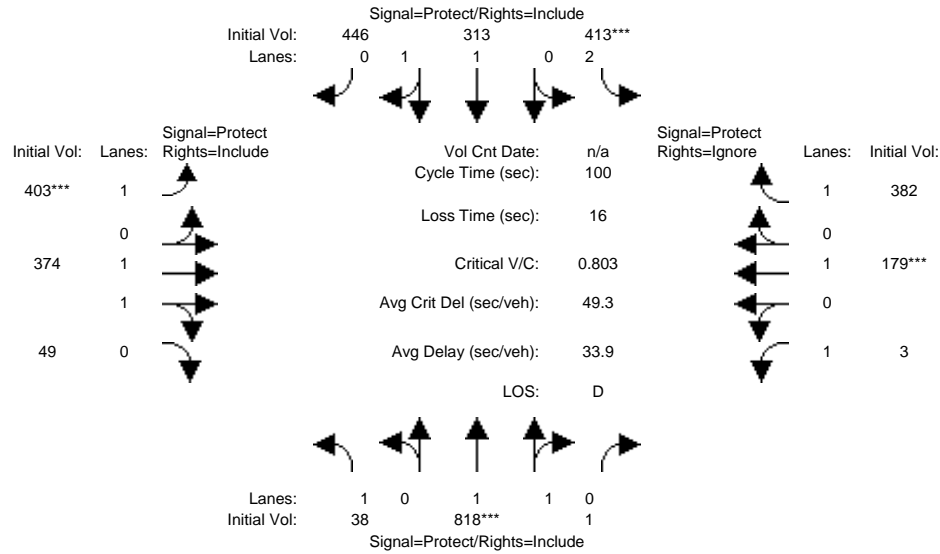
Capacity Analysis Module:

Vol/Sat:	0.03	0.27	0.27	0.15	0.21	0.24	0.25	0.14	0.14	0.00	0.10	0.10
Crit Volume:	445			224			417			168		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Phase 1 PM

Intersection #3: SR 4 Bypass / Marsh Creek Road

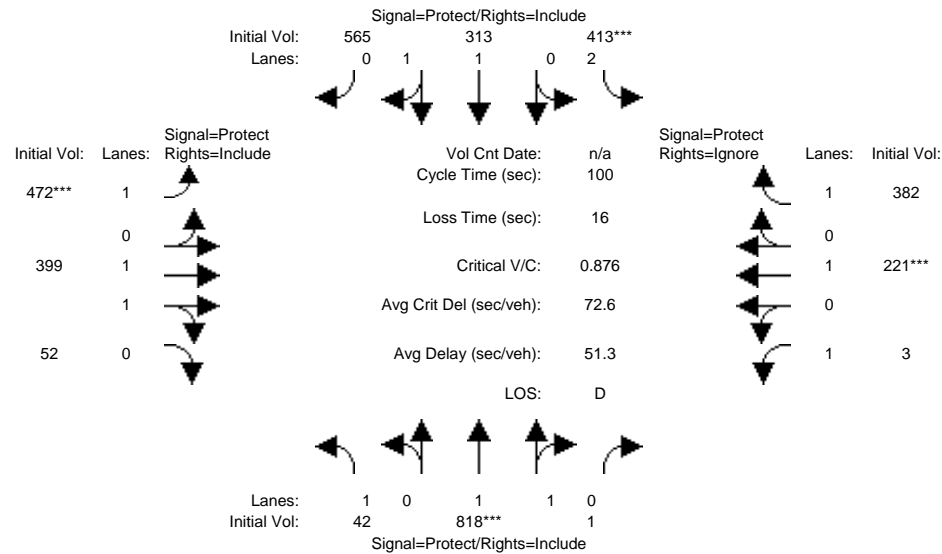


Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2
Volume Module:												
Base Vol:	1	691	1	256	195	12	92	254	7	3	21	213
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	691	1	256	195	12	92	254	7	3	21	213
Added Vol:	37	127	0	157	118	434	311	120	42	0	158	169
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	38	818	1	413	313	446	403	374	49	3	179	382
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	41	889	1	449	340	485	438	407	53	3	195	415
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	41	889	1	449	340	485	438	407	53	3	195	415
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	41	889	1	449	340	485	438	407	53	3	195	415
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	41	889	1	449	340	485	438	407	53	3	195	415
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	2.00	1.00	1.00	1.00	1.77	0.23	1.00	1.00	1.00
Final Sat.:	1650	3296	4	3000	1650	1650	1650	2918	382	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.03	0.27	0.27	0.15	0.21	0.29	0.27	0.14	0.14	0.00	0.12	0.25
Crit Volume:	445			224			438			195		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Build Out PM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2

Volume Module:												
Base Vol:	1	691	1	256	195	12	92	254	7	3	21	213
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	1	691	1	256	195	12	92	254	7	3	21	213
Added Vol:	41	127	0	157	118	553	380	145	45	0	200	169
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	42	818	1	413	313	565	472	399	52	3	221	382
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	46	889	1	449	340	614	513	434	57	3	240	415
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	46	889	1	449	340	614	513	434	57	3	240	415
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	46	889	1	449	340	614	513	434	57	3	240	415
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	46	889	1	449	340	614	513	434	57	3	240	415

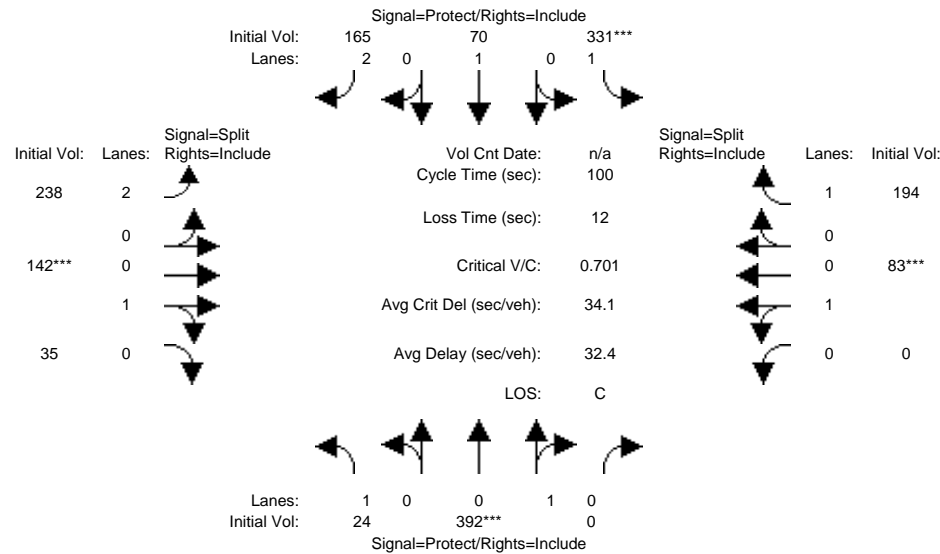
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.99	0.01	2.00	1.00	1.00	1.00	1.77	0.23	1.00	1.00	1.00
Final Sat.:	1650	3296	4	3000	1650	1650	1650	2920	380	1650	1650	1650

Capacity Analysis Module:												
Vol/Sat:	0.03	0.27	0.27	0.15	0.21	0.37	0.31	0.15	0.15	0.00	0.15	0.25
Crit Volume:		445		224			513			240		
Crit Moves:		****		****			****			****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term PM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]

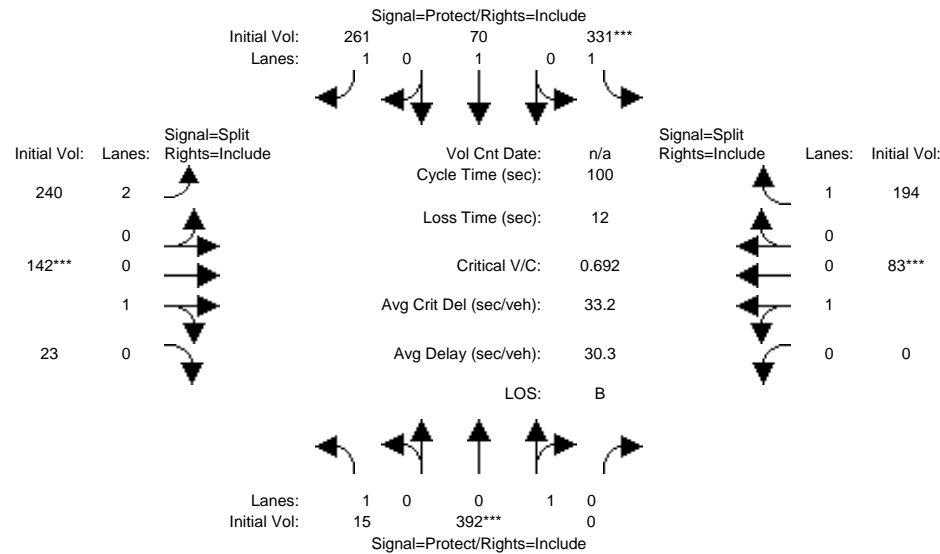


Street Name:	Marsh Creek Road						Vineyards Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	353	0	0	0	34	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	353	0	0	0	34	0	0	0	0	0	0
Added Vol:	24	39	0	331	36	165	238	142	35	0	83	194
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	24	392	0	331	70	165	238	142	35	0	83	194
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	28	461	0	389	82	194	280	167	41	0	98	228
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	28	461	0	389	82	194	280	167	41	0	98	228
RTOR Reduct:	0	0	0	0	0	154	0	0	0	0	0	228
RTOR Vol:	28	461	0	389	82	40	280	167	41	0	98	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	28	461	0	389	82	40	280	167	41	0	98	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	2.00	2.00	0.80	0.20	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	3000	3000	1324	326	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.02	0.28	0.00	0.24	0.05	0.01	0.09	0.13	0.13	0.00	0.06	0.00
Crit Volume:		461		389			208			98		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Phase 1 PM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]

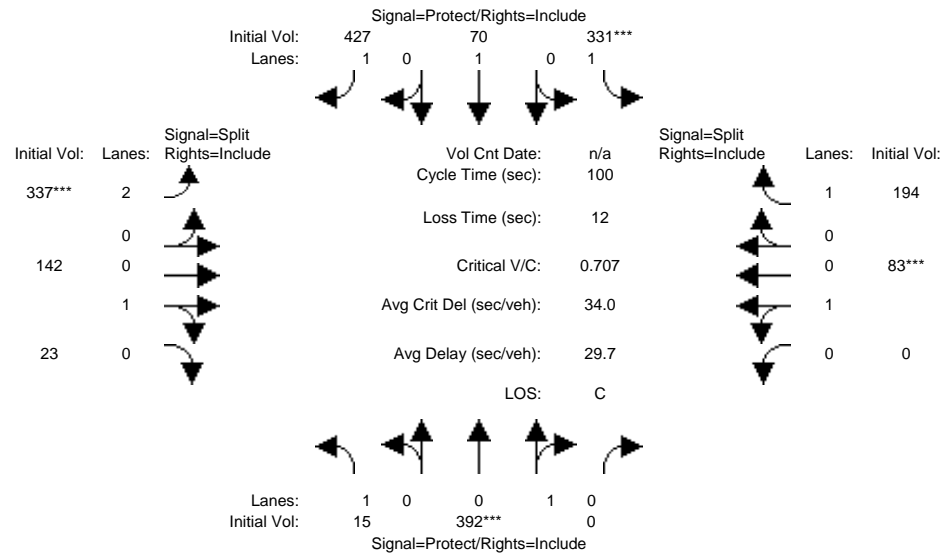


Street Name:	Marsh Creek Road						Vineyards Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	353	0	0	34	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	353	0	0	34	0	0	0	0	0	0	0
Added Vol:	15	39	0	331	36	261	240	142	23	0	83	194
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	15	392	0	331	70	261	240	142	23	0	83	194
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	18	461	0	389	82	307	282	167	27	0	98	228
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	18	461	0	389	82	307	282	167	27	0	98	228
RTOR Reduct:	0	0	0	0	0	155	0	0	0	0	0	228
RTOR Vol:	18	461	0	389	82	152	282	167	27	0	98	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	18	461	0	389	82	152	282	167	27	0	98	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	1.00	2.00	0.86	0.14	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	1650	3000	1420	230	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.28	0.00	0.24	0.05	0.09	0.09	0.12	0.12	0.00	0.06	0.00
Crit Volume:		461		389			194			98		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Near-Term PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Near-Term Plus Build Out PM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]

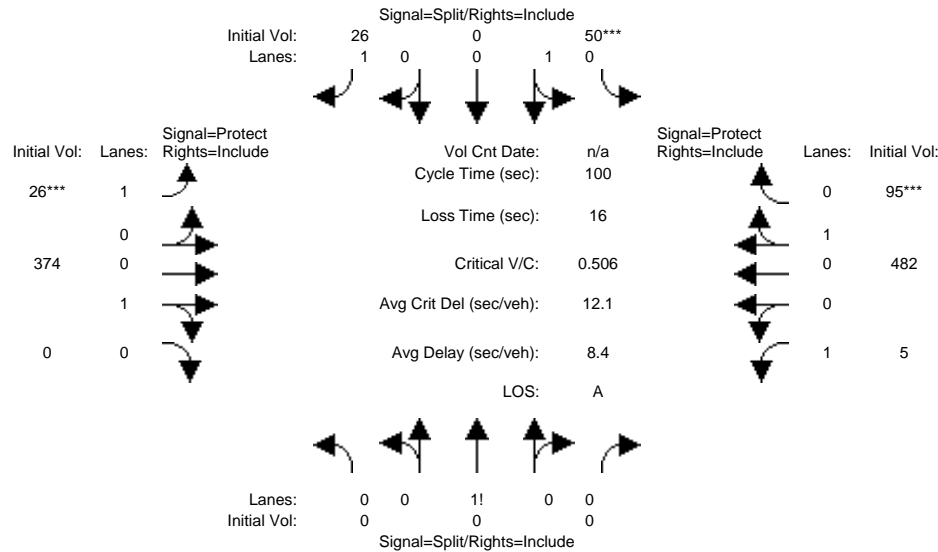


Street Name:	Marsh Creek Road						Vineyards Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	353	0	0	34	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	353	0	0	34	0	0	0	0	0	0	0
Added Vol:	15	39	0	331	36	427	337	142	23	0	83	194
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	15	392	0	331	70	427	337	142	23	0	83	194
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	18	461	0	389	82	502	396	167	27	0	98	228
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	18	461	0	389	82	502	396	167	27	0	98	228
RTOR Reduct:	0	0	0	0	0	218	0	0	0	0	0	228
RTOR Vol:	18	461	0	389	82	284	396	167	27	0	98	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	18	461	0	389	82	284	396	167	27	0	98	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	1.00	2.00	0.86	0.14	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	1650	3000	1420	230	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.28	0.00	0.24	0.05	0.17	0.13	0.12	0.12	0.00	0.06	0.00
Crit Volume:	461			389			198			98		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative AM

Intersection #1: John Muir Parkway / Fairview Avenue

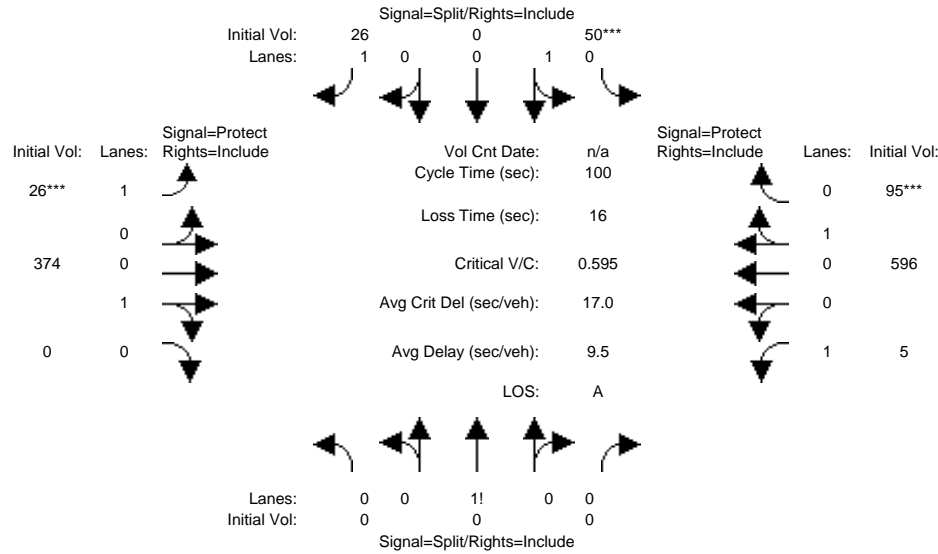


Street Name:	John Muir Parkway						Fairview Avenue					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5
Volume Module:												
Base Vol:	0	0	0	50	0	15	5	25	0	5	25	95
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	50	0	15	5	25	0	5	25	95
Added Vol:	0	0	0	0	0	11	21	349	0	0	457	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	50	0	26	26	374	0	5	482	95
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	0	0	0	67	0	35	35	499	0	7	643	127
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	67	0	35	35	499	0	7	643	127
RTOR Reduct:	0	0	0	0	0	35	0	0	0	0	0	0
RTOR Vol:	0	0	0	67	0	0	35	499	0	7	643	127
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	0	67	0	0	35	499	0	7	643	127
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.84	0.16
Final Sat.:	0	1720	0	1720	0	1720	1720	1720	0	1720	1437	283
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.04	0.00	0.00	0.02	0.29	0.00	0.00	0.45	0.45
Crit Volume:	0			67			35			769		
Crit Moves:				****			****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out AM

Intersection #1: John Muir Parkway / Fairview Avenue



Street Name:	John Muir Parkway						Fairview Avenue					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5

Volume Module:												
Base Vol:	0	0	0	50	0	15	5	25	0	5	25	95
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	50	0	15	5	25	0	5	25	95
Added Vol:	0	0	0	0	0	11	21	349	0	0	571	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	50	0	26	26	374	0	5	596	95
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	0	0	0	67	0	35	35	499	0	7	795	127
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	67	0	35	35	499	0	7	795	127
RTOR Reduct:	0	0	0	0	0	35	0	0	0	0	0	0
RTOR Vol:	0	0	0	67	0	0	35	499	0	7	795	127
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	67	0	0	35	499	0	7	795	127

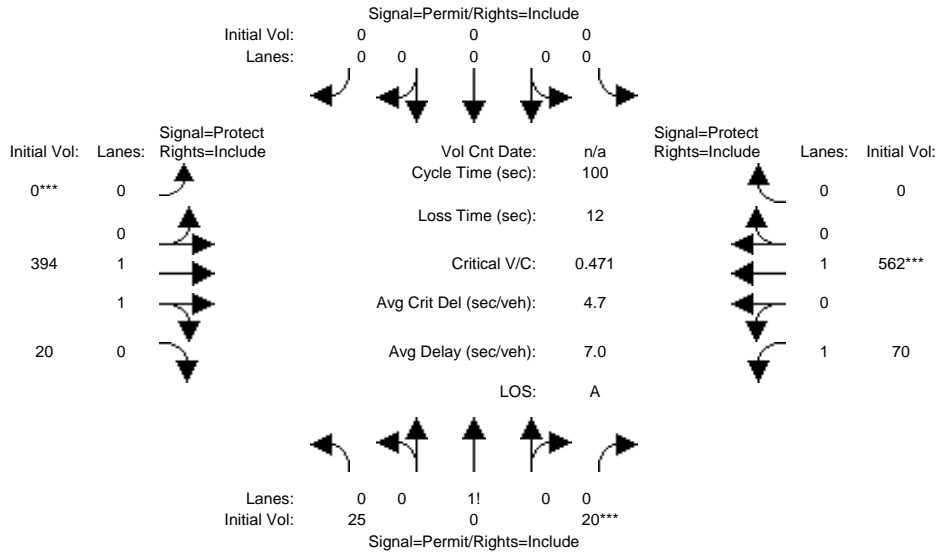
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.86	0.14
Final Sat.:	0	1720	0	1720	0	1720	1720	1720	0	1720	1484	236

Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.04	0.00	0.00	0.02	0.29	0.00	0.00	0.54	0.54
Crit Volume:		0		67			35				921	
Crit Moves:				****			****				****	

Brentwood Center Community College
Cumulative Plus Project Build Out AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative AM

Intersection #2: Fairview Parkway / Concord Avenue

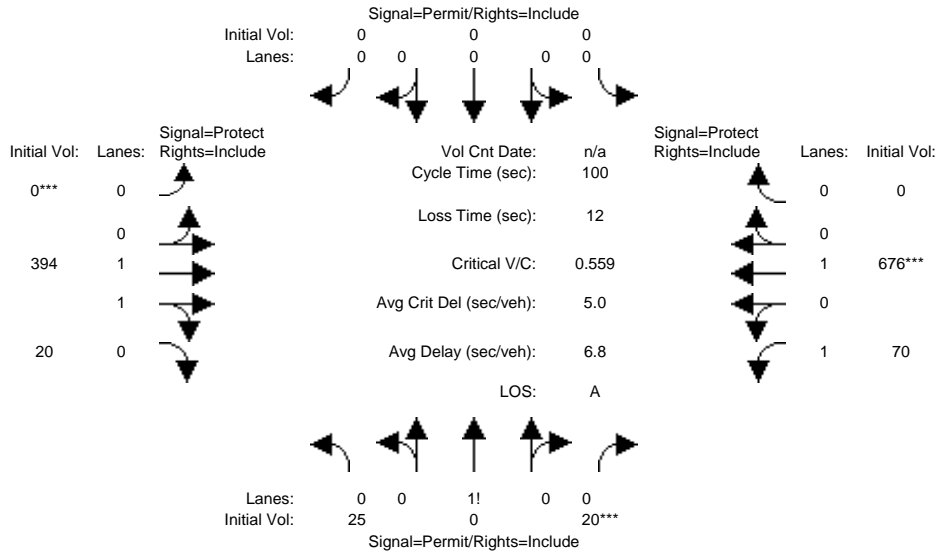


Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	25	0	20	0	0	0	0	45	20	70	105	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	25	0	20	0	0	0	0	45	20	70	105	0
Added Vol:	0	0	0	0	0	0	0	349	0	0	457	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	25	0	20	0	0	0	0	394	20	70	562	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	33	0	27	0	0	0	0	525	27	93	749	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	33	0	27	0	0	0	0	525	27	93	749	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	33	0	27	0	0	0	0	525	27	93	749	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	33	0	27	0	0	0	0	525	27	93	749	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.56	0.00	0.44	0.00	0.00	0.00	0.00	1.90	0.10	1.00	1.00	0.00
Final Sat.:	956	0	764	0	0	0	0	3274	166	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.16	0.16	0.05	0.44	0.00
Crit Volume:			60	0			0			749		
Crit Moves:			****				****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out AM

Intersection #2: Fairview Parkway / Concord Avenue

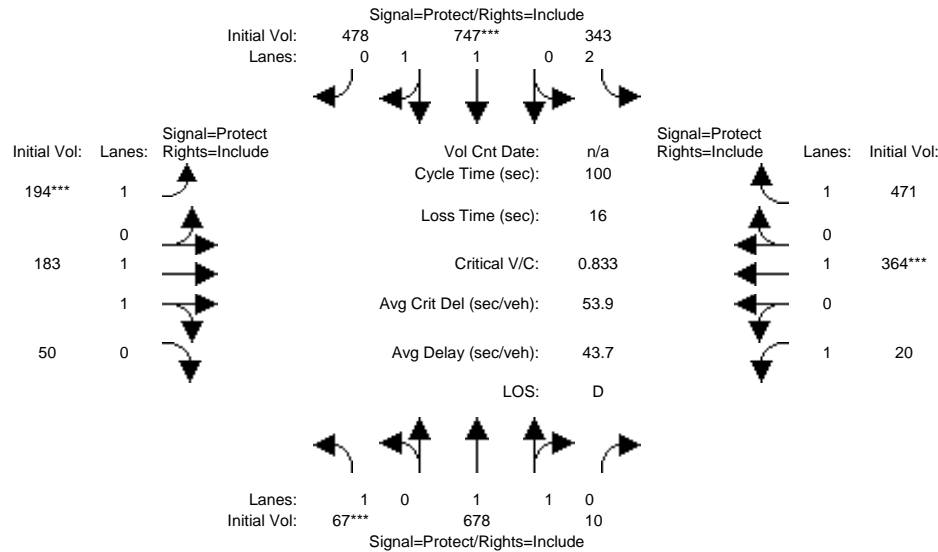


Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	25	0	20	0	0	0	0	45	20	70	105	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	25	0	20	0	0	0	0	45	20	70	105	0
Added Vol:	0	0	0	0	0	0	0	349	0	0	571	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	25	0	20	0	0	0	0	394	20	70	676	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
PHF Volume:	33	0	27	0	0	0	0	525	27	93	901	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	33	0	27	0	0	0	0	525	27	93	901	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	33	0	27	0	0	0	0	525	27	93	901	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	33	0	27	0	0	0	0	525	27	93	901	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.56	0.00	0.44	0.00	0.00	0.00	0.00	1.90	0.10	1.00	1.00	0.00
Final Sat.:	956	0	764	0	0	0	0	3274	166	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.16	0.16	0.05	0.52	0.00
Crit Volume:			60	0			0			901		
Crit Moves:			****				****			****		

Brentwood Center Community College
Cumulative AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative AM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R

Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2
-------------	---	---	---	---	---	---	---	---	---	---	---	---

Volume Module:												
Base Vol:	30	640	10	280	700	70	25	110	20	20	210	420
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	30	640	10	280	700	70	25	110	20	20	210	420
Added Vol:	37	38	0	63	47	408	169	73	30	0	154	51
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	67	678	10	343	747	478	194	183	50	20	364	471
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	74	753	11	381	830	531	216	203	56	22	404	523
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	74	753	11	381	830	531	216	203	56	22	404	523
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	210
RTOR Vol:	74	753	11	381	830	531	216	203	56	22	404	314
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	74	753	11	381	830	531	216	203	56	22	404	314

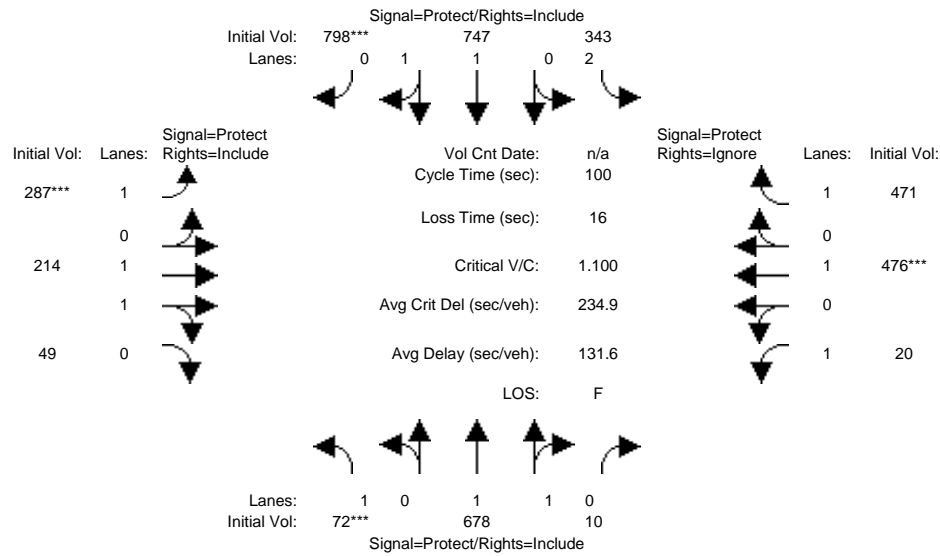
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.97	0.03	2.00	1.22	0.78	1.00	1.57	0.43	1.00	1.00	1.00
Final Sat.:	1650	3252	48	3000	2012	1288	1650	2592	708	1650	1650	1650

Capacity Analysis Module:												
Vol/Sat:	0.05	0.23	0.23	0.13	0.41	0.41	0.13	0.08	0.08	0.01	0.25	0.19
Crit Volume:	74			681			216			404		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Cumulative AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out AM

Intersection #3: SR 4 Bypass / Marsh Creek Road

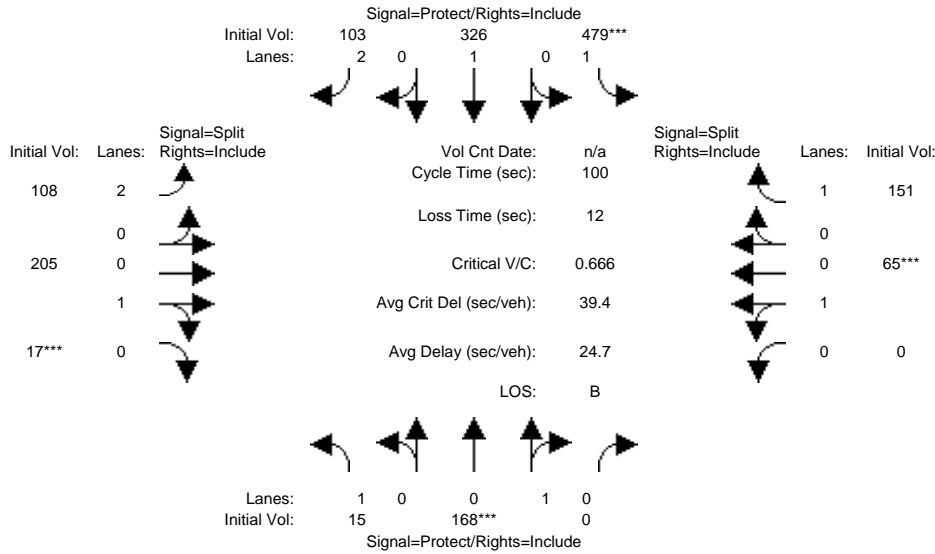


Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2
Volume Module:												
Base Vol:	30	640	10	280	700	70	25	110	20	20	210	420
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	30	640	10	280	700	70	25	110	20	20	210	420
Added Vol:	42	38	0	63	47	728	262	104	29	0	266	51
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	72	678	10	343	747	798	287	214	49	20	476	471
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
PHF Volume:	80	753	11	381	830	887	319	238	54	22	529	523
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	80	753	11	381	830	887	319	238	54	22	529	523
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	80	753	11	381	830	887	319	238	54	22	529	523
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	80	753	11	381	830	887	319	238	54	22	529	523
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.97	0.03	2.00	1.00	1.00	1.00	1.63	0.37	1.00	1.00	1.00
Final Sat.:	1650	3252	48	3000	1650	1650	1650	2685	615	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.05	0.23	0.23	0.13	0.50	0.54	0.19	0.09	0.09	0.01	0.32	0.32
Crit Volume:	80			887			319			529		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative AM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]

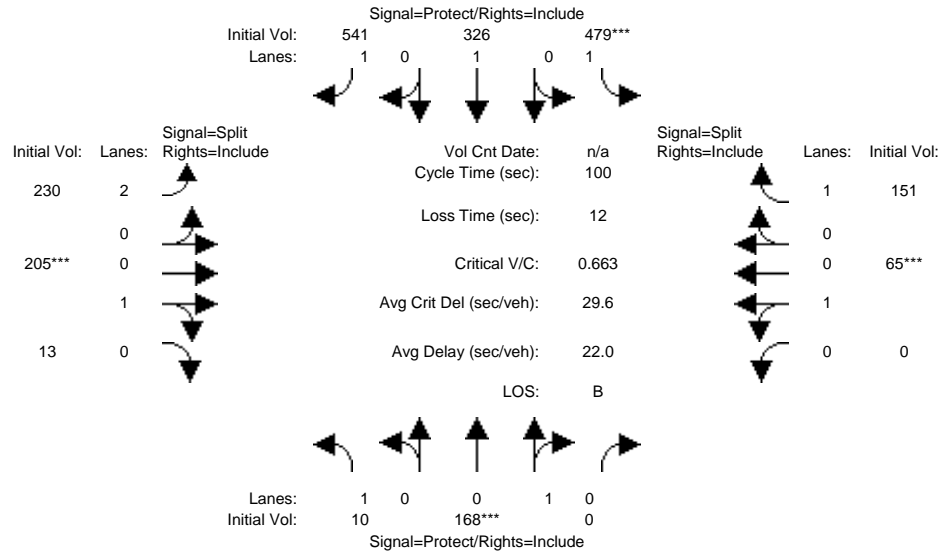


Street Name:	Marsh Creek Road						Vineyards Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	155	0	0	0	310	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	155	0	0	0	310	0	0	0	0	0	0
Added Vol:	15	13	0	479	16	103	108	205	17	0	65	151
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	15	168	0	479	326	103	108	205	17	0	65	151
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	18	198	0	564	384	121	127	241	20	0	76	178
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	18	198	0	564	384	121	127	241	20	0	76	178
RTOR Reduct:	0	0	0	0	0	70	0	0	0	0	0	178
RTOR Vol:	18	198	0	564	384	51	127	241	20	0	76	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	18	198	0	564	384	51	127	241	20	0	76	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	2.00	2.00	0.92	0.08	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	3000	3000	1524	126	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.12	0.00	0.34	0.23	0.02	0.04	0.16	0.16	0.00	0.05	0.00
Crit Volume:		198		564			261			76		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out AM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out AM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]



Street Name:	Marsh Creek Road						Vineyards Parkway					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	155	0	0	310	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	155	0	0	310	0	0	0	0	0	0	0
Added Vol:	10	13	0	479	16	541	230	205	13	0	65	151
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	168	0	479	326	541	230	205	13	0	65	151
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	12	198	0	564	384	636	271	241	15	0	76	178
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	198	0	564	384	636	271	241	15	0	76	178
RTOR Reduct:	0	0	0	0	0	149	0	0	0	0	0	178
RTOR Vol:	12	198	0	564	384	488	271	241	15	0	76	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	12	198	0	564	384	488	271	241	15	0	76	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	1.00	2.00	0.94	0.06	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	1650	3000	1552	98	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.12	0.00	0.34	0.23	0.30	0.09	0.16	0.16	0.00	0.05	0.00
Crit Volume:		198		564			256			76		
Crit Moves:	****			****			****			****		

SimTraffic Post-Processor
Average Results from 10 Runs
Volume and Delay by Movement

Brentwood Center Site Access Analysis
Cumulative Plus Project Buildout
AM Peak Hour

Intersection 5

Miwok Avenue/Pioneer Square North

Unsignalized

Direction	Movement	Volume (veh/hr)			Total Delay (sec/veh)		
		Demand	Served	% Served	Average	Std. Dev.	LOS
NB	Left Turn	52	48	91.7%	7.3	0.3	A
	Through	7	7	102.9%	8.3	0.7	A
	Right Turn	1	1	120.0%	6.6	3.9	A
	Subtotal	60	56	93.5%	7.4	0.3	A
SB	Left Turn	1	1	50.0%	2.7	1.2	A
	Through	12	14	116.7%	6.9	0.7	A
	Right Turn	1	2	170.0%	3.0	0.8	A
	Subtotal	14	16	115.7%	6.4	0.7	A
EB	Left Turn	1	1	80.0%	7.4	2.2	A
	Through	5	7	138.0%	5.8	0.8	A
	Right Turn	37	40	107.0%	3.6	0.5	A
	Subtotal	43	47	110.0%	4.0	0.5	A
WB	Left Turn	216	209	96.5%	4.9	0.1	A
	Through	5	5	102.0%	6.1	0.9	A
	Right Turn	1	1	130.0%	6.0	5.3	A
	Subtotal	222	215	96.8%	4.9	0.1	A
Total		339	335	98.7%	5.3	0.2	A

Intersection 6

Miwok Avenue/Pioneer Square South

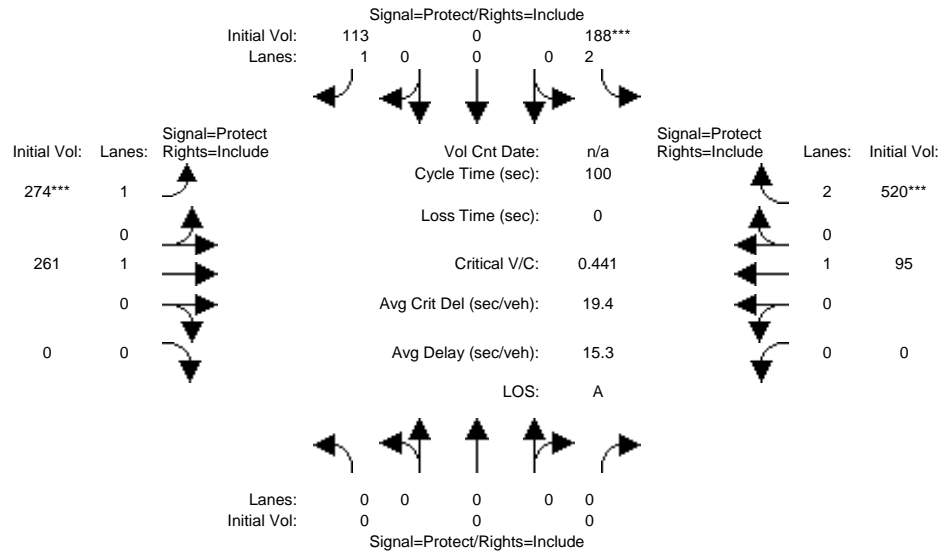
Unsignalized

Direction	Movement	Volume (veh/hr)			Total Delay (sec/veh)		
		Demand	Served	% Served	Average	Std. Dev.	LOS
NB	Left Turn	52	52	100.2%	5.9	0.7	A
	Through	58	64	110.2%	5.3	0.4	A
	Right Turn	684	676	98.8%	5.2	0.3	A
	Subtotal	794	792	99.7%	5.2	0.2	A
SB	Left Turn	1	0	40.0%	2.8	1.2	A
	Through	254	264	104.1%	7.7	0.2	A
	Right Turn	10	12	119.0%	4.6	0.5	A
	Subtotal	265	277	104.4%	7.6	0.2	A
EB	Left Turn	1	1	80.0%	7.6	1.5	A
	Through	5	5	102.0%	7.2	1.8	A
	Right Turn	47	48	103.0%	4.5	0.7	A
	Subtotal	53	54	102.5%	4.9	0.7	A
WB	Left Turn	5	6	114.0%	5.6	1.2	A
	Through	1	1	90.0%	7.0	2.8	A
	Right Turn	1	2	170.0%	2.7	1.2	A
	Subtotal	7	8	118.6%	5.1	0.8	A
Total		1119	1131	101.1%	5.8	0.2	A

Brentwood Center Community College
Cumulative Plus Project Build Out PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out AM

Intersection #7: Marsh Creek Road / Miwok Avenue

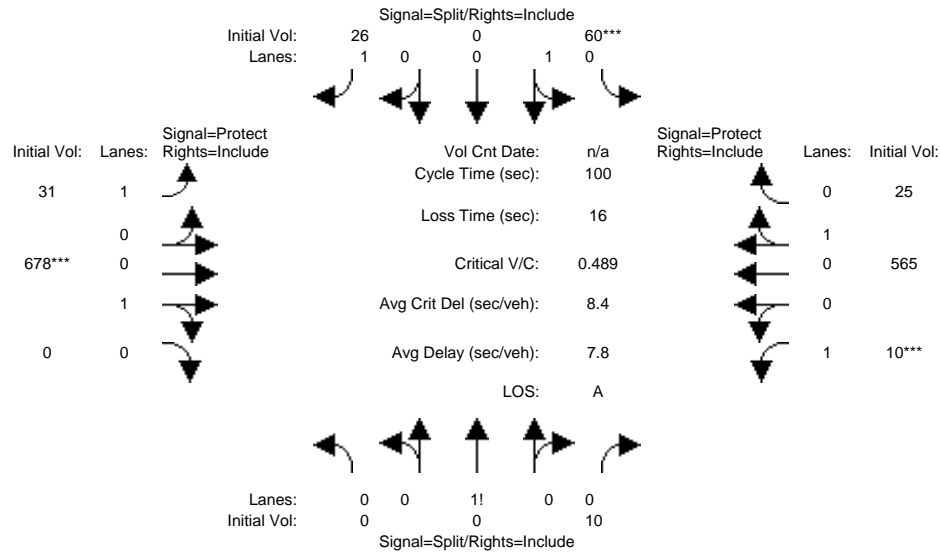


Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	0	0	0	0	0	0	0	0	0
Added Vol:	0	0	0	188	0	113	274	261	0	0	95	520
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	188	0	113	274	261	0	0	95	520
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
PHF Volume:	0	0	0	235	0	141	343	326	0	0	119	650
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	235	0	141	343	326	0	0	119	650
RTOR Reduct:	0	0	0	0	0	141	0	0	0	0	0	129
RTOR Vol:	0	0	0	235	0	0	343	326	0	0	119	521
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	235	0	0	343	326	0	0	119	521
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	2.00
Final Sat.:	0	0	0	3127	0	1720	1720	1720	0	0	1720	3127
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.08	0.00	0.00	0.20	0.19	0.00	0.00	0.07	0.17
Crit Volume:	0			118			343			260		
Crit Moves:				****			****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative PM

Intersection #1: John Muir Parkway / Fairview Avenue

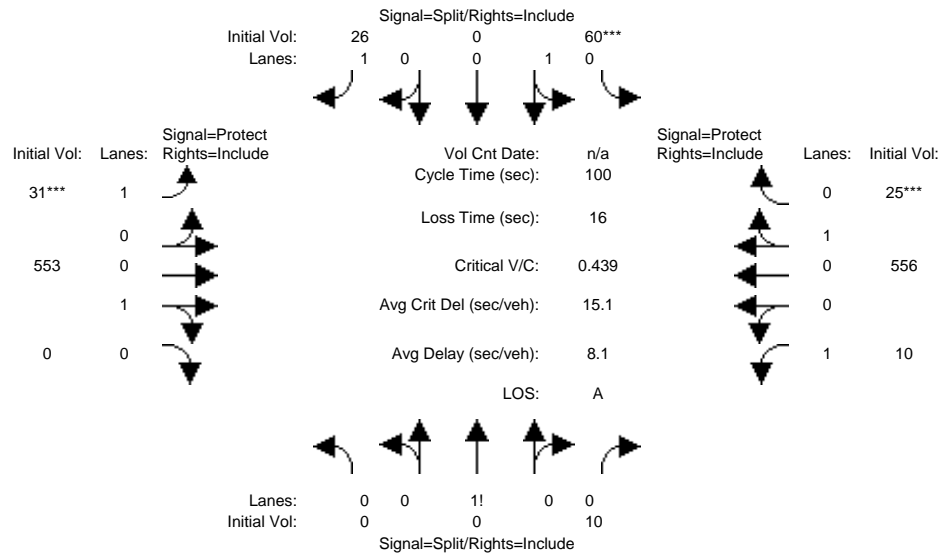


Street Name:	John Muir Parkway						Fairview Avenue					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5
Volume Module:												
Base Vol:	0	0	10	60	0	10	5	15	0	10	25	25
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	10	60	0	10	5	15	0	10	25	25
Added Vol:	0	0	0	0	0	16	26	663	0	0	540	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	10	60	0	26	31	678	0	10	565	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
PHF Volume:	0	0	11	67	0	29	35	762	0	11	635	28
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	11	67	0	29	35	762	0	11	635	28
RTOR Reduct:	0	0	11	0	0	29	0	0	0	0	0	0
RTOR Vol:	0	0	0	67	0	0	35	762	0	11	635	28
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	0	67	0	0	35	762	0	11	635	28
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.96	0.04
Final Sat.:	0	0	1720	1720	0	1720	1720	1720	0	1720	1647	73
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.04	0.00	0.00	0.02	0.44	0.00	0.01	0.39	0.39
Crit Volume:			0	67			762			11		
Crit Moves:				****			****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out PM

Intersection #1: John Muir Parkway / Fairview Avenue

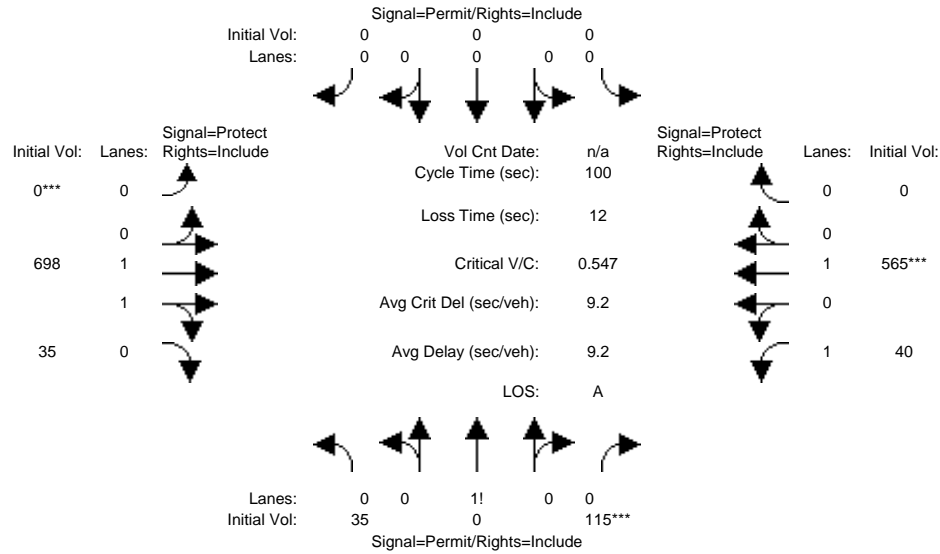


Street Name:	John Muir Parkway						Fairview Avenue					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	3	3	3	3	3	3	3	5	5	3	5	5
Volume Module:												
Base Vol:	0	0	10	60	0	10	5	15	0	10	25	25
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	10	60	0	10	5	15	0	10	25	25
Added Vol:	0	0	0	0	0	16	26	538	0	0	531	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	10	60	0	26	31	553	0	10	556	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
PHF Volume:	0	0	11	67	0	29	35	621	0	11	625	28
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	11	67	0	29	35	621	0	11	625	28
RTOR Reduct:	0	0	11	0	0	29	0	0	0	0	0	0
RTOR Vol:	0	0	0	67	0	0	35	621	0	11	625	28
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	0	0	67	0	0	35	621	0	11	625	28
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	1.00	0.96	0.04
Final Sat.:	0	0	1720	1720	0	1720	1720	1720	0	1720	1646	74
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.04	0.00	0.00	0.02	0.36	0.00	0.01	0.38	0.38
Crit Volume:			0	67			35					653
Crit Moves:				****			****					****

Brentwood Center Community College
Cumulative Plus Project Build Out PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative PM

Intersection #2: Fairview Parkway / Concord Avenue

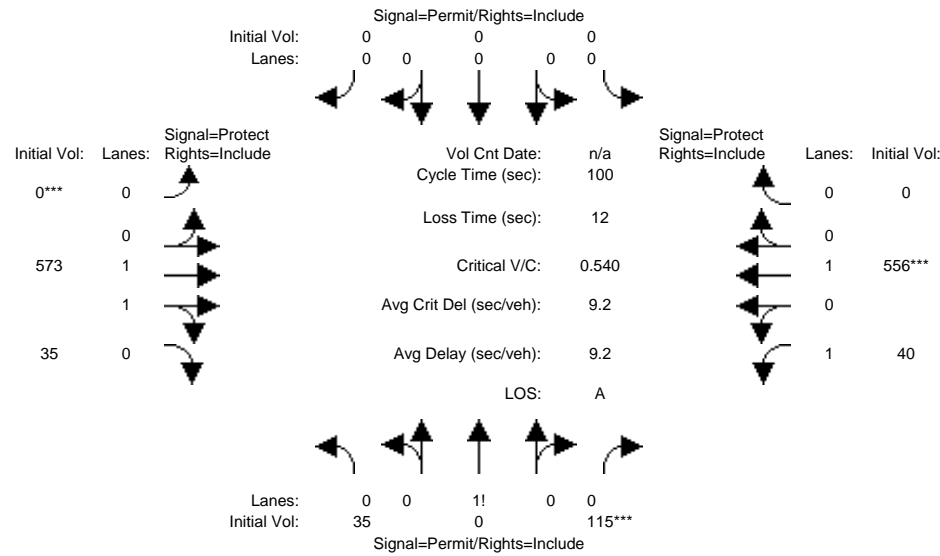


Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	35	0	115	0	0	0	0	35	35	40	25	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	35	0	115	0	0	0	0	35	35	40	25	0
Added Vol:	0	0	0	0	0	0	0	663	0	0	540	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	35	0	115	0	0	0	0	698	35	40	565	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
PHF Volume:	46	0	151	0	0	0	0	918	46	53	743	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	46	0	151	0	0	0	0	918	46	53	743	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	46	0	151	0	0	0	0	918	46	53	743	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	46	0	151	0	0	0	0	918	46	53	743	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.23	0.00	0.77	0.00	0.00	0.00	0.00	1.90	0.10	1.00	1.00	0.00
Final Sat.:	401	0	1319	0	0	0	0	3276	164	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.28	0.28	0.03	0.43	0.00
Crit Volume:			197	0			0			743		
Crit Moves:			****				****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out PM

Intersection #2: Fairview Parkway / Concord Avenue

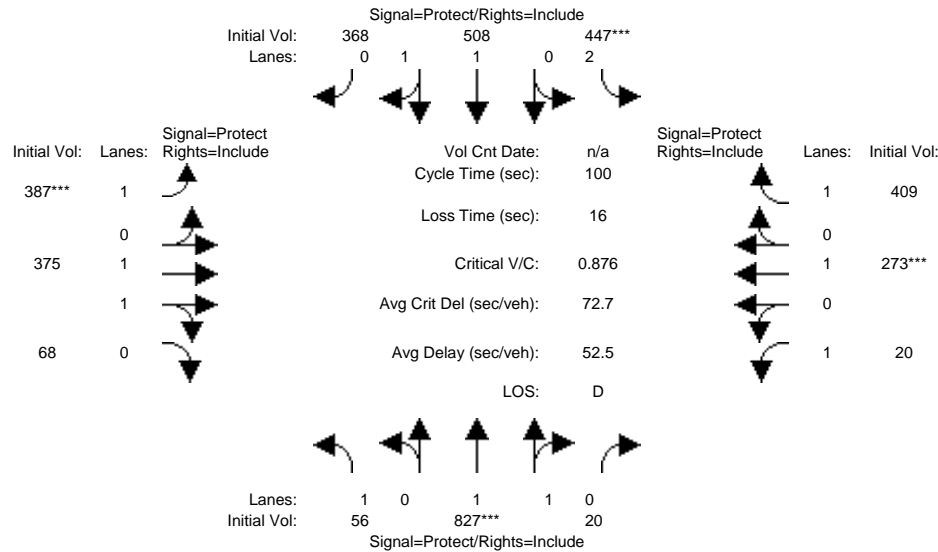


Street Name:	Concord Avenue						Fairview Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	5	5	5	0	0	0	0	5	5	3	5	0
Volume Module:												
Base Vol:	35	0	115	0	0	0	0	35	35	40	25	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	35	0	115	0	0	0	0	35	35	40	25	0
Added Vol:	0	0	0	0	0	0	0	538	0	0	531	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	35	0	115	0	0	0	0	573	35	40	556	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
PHF Volume:	46	0	151	0	0	0	0	754	46	53	732	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	46	0	151	0	0	0	0	754	46	53	732	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	46	0	151	0	0	0	0	754	46	53	732	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	46	0	151	0	0	0	0	754	46	53	732	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.23	0.00	0.77	0.00	0.00	0.00	0.00	1.88	0.12	1.00	1.00	0.00
Final Sat.:	401	0	1319	0	0	0	0	3242	198	1720	1720	0
Capacity Analysis Module:												
Vol/Sat:	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.23	0.23	0.03	0.43	0.00
Crit Volume:			197	0			0			732		
Crit Moves:			****				****			****		

Brentwood Center Community College
Cumulative PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative PM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name: SR 4 Bypass / Vasco Road Marsh Creek Road
Approach: North Bound South Bound East Bound West Bound
Movement: L - T - R L - T - R L - T - R L - T - R

Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2
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Volume Module:

Base Vol:	10	700	20	290	390	15	95	255	10	20	140	240
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	10	700	20	290	390	15	95	255	10	20	140	240
Added Vol:	46	127	0	157	118	353	292	120	58	0	133	169
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	827	20	447	508	368	387	375	68	20	273	409
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	61	899	22	486	552	400	421	408	74	22	297	445
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	61	899	22	486	552	400	421	408	74	22	297	445
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	267
RTOR Vol:	61	899	22	486	552	400	421	408	74	22	297	177
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	61	899	22	486	552	400	421	408	74	22	297	177

Saturation Flow Module:

Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.95	0.05	2.00	1.16	0.84	1.00	1.69	0.31	1.00	1.00	1.00
Final Sat.:	1650	3222	78	3000	1914	1386	1650	2793	507	1650	1650	1650

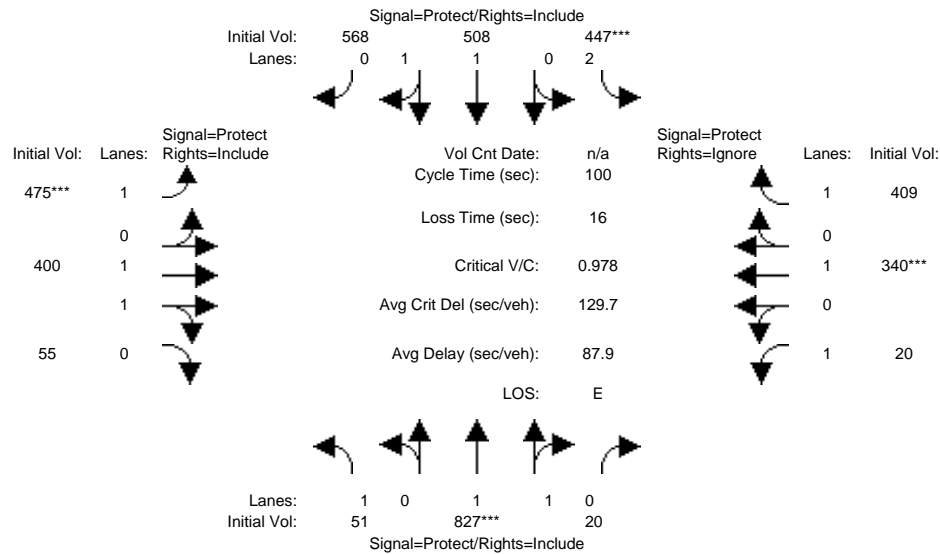
Capacity Analysis Module:

Vol/Sat:	0.04	0.28	0.28	0.16	0.29	0.29	0.25	0.15	0.15	0.01	0.18	0.11
Crit Volume:	460	460	460	243	243	243	421	421	421	297	297	297
Crit Moves:	****	****	****	****	****	****	****	****	****	****	****	****

Brentwood Center Community College
Cumulative PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out PM

Intersection #3: SR 4 Bypass / Marsh Creek Road



Street Name:	SR 4 Bypass / Vasco Road						Marsh Creek Road					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	4	4	2	4	4	2	2	2	2	2	2

Volume Module:												
Base Vol:	10	700	20	290	390	15	95	255	10	20	140	240
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	10	700	20	290	390	15	95	255	10	20	140	240
Added Vol:	41	127	0	157	118	553	380	145	45	0	200	169
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	51	827	20	447	508	568	475	400	55	20	340	409
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
PHF Volume:	55	899	22	486	552	617	516	435	60	22	370	445
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	55	899	22	486	552	617	516	435	60	22	370	445
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	55	899	22	486	552	617	516	435	60	22	370	445
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	55	899	22	486	552	617	516	435	60	22	370	445

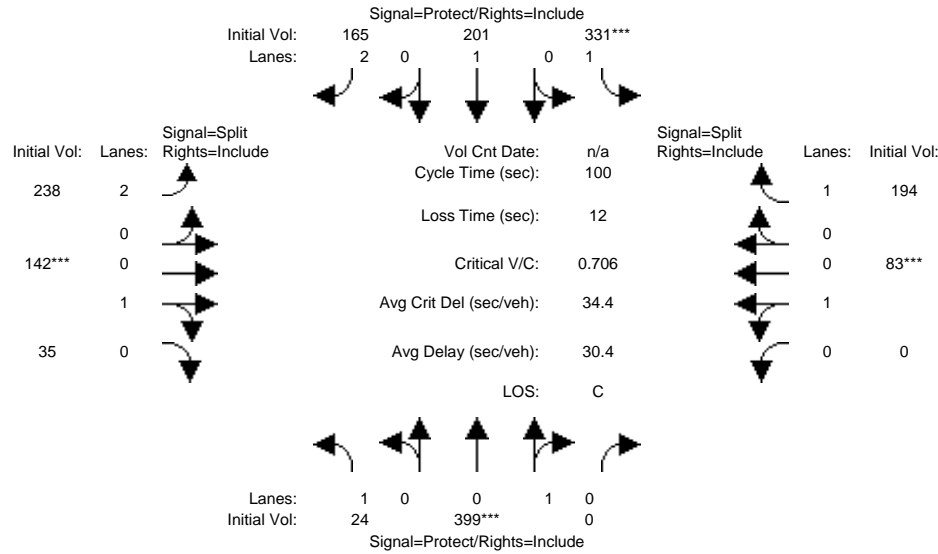
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.95	0.05	2.00	1.00	1.00	1.00	1.76	0.24	1.00	1.00	1.00
Final Sat.:	1650	3222	78	3000	1650	1650	1650	2901	399	1650	1650	1650

Capacity Analysis Module:												
Vol/Sat:	0.03	0.28	0.28	0.16	0.33	0.37	0.31	0.15	0.15	0.01	0.22	0.27
Crit Volume:		460		243			516			370		
Crit Moves:		****		****			****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative PM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]

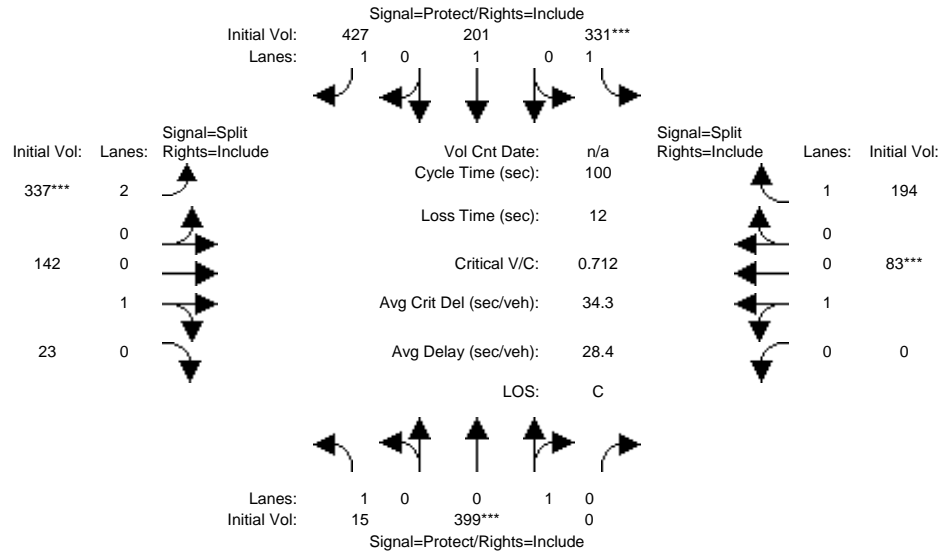


Street Name:	Marsh Creek Road						Vineyards Parkway					
	North Bound			South Bound			East Bound			West Bound		
Approach:	L	T	R	L	T	R	L	T	R	L	T	R
Movement:												
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	360	0	0	165	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	360	0	0	165	0	0	0	0	0	0	0
Added Vol:	24	39	0	331	36	165	238	142	35	0	83	194
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	24	399	0	331	201	165	238	142	35	0	83	194
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	28	469	0	389	236	194	280	167	41	0	98	228
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	28	469	0	389	236	194	280	167	41	0	98	228
RTOR Reduct:	0	0	0	0	0	154	0	0	0	0	0	228
RTOR Vol:	28	469	0	389	236	40	280	167	41	0	98	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	28	469	0	389	236	40	280	167	41	0	98	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	2.00	2.00	0.80	0.20	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	3000	3000	1324	326	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.02	0.28	0.00	0.24	0.14	0.01	0.09	0.13	0.13	0.00	0.06	0.00
Crit Volume:	469			389			208			98		
Crit Moves:	****			****			****			****		

Brentwood Center Community College
Cumulative Plus Project Build Out PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out PM

Intersection #4: Marsh Creek Road / Vineyards Parkway [Future only]



Street Name:	Marsh Creek Road						Vineyards Parkway					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	2	2	2	2	2	2	2	2	2	0	0	0
Volume Module:												
Base Vol:	0	360	0	0	165	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	360	0	0	165	0	0	0	0	0	0	0
Added Vol:	15	39	0	331	36	427	337	142	23	0	83	194
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	15	399	0	331	201	427	337	142	23	0	83	194
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
PHF Volume:	18	469	0	389	236	502	396	167	27	0	98	228
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	18	469	0	389	236	502	396	167	27	0	98	228
RTOR Reduct:	0	0	0	0	0	218	0	0	0	0	0	228
RTOR Vol:	18	469	0	389	236	284	396	167	27	0	98	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	18	469	0	389	236	284	396	167	27	0	98	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	0.00	1.00	1.00	1.00	2.00	0.86	0.14	0.00	1.00	1.00
Final Sat.:	1650	1650	0	1650	1650	1650	3000	1420	230	0	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.28	0.00	0.24	0.14	0.17	0.13	0.12	0.12	0.00	0.06	0.00
Crit Volume:	469			389			198			98		
Crit Moves:	****			****			****			****		

SimTraffic Post-Processor
Average Results from 10 Runs
Volume and Delay by Movement

Brentwood Center Site Access Analysis
Cumulative Plus Project Buildout
PM Peak Hour

Intersection 5

Miwok Avenue/Pioneer Square North

Unsignalized

Direction	Movement	Volume (veh/hr)			Total Delay (sec/veh)		
		Demand	Served	% Served	Average	Std. Dev.	LOS
NB	Left Turn	86	88	101.7%	8.5	0.4	A
	Through	9	8	90.0%	9.0	1.2	A
	Right Turn	1	2	170.0%	4.6	0.4	A
	Subtotal	96	97	101.4%	8.5	0.5	A
SB	Left Turn	1	0	30.0%	1.7	0.5	A
	Through	15	14	96.0%	7.6	0.9	A
	Right Turn	1	1	130.0%	2.7	0.5	A
	Subtotal	17	16	94.1%	7.1	0.8	A
EB	Left Turn	1	0	30.0%	2.6	0.3	A
	Through	10	10	103.0%	7.2	1.3	A
	Right Turn	119	120	100.5%	4.7	0.6	A
	Subtotal	130	130	100.2%	4.9	0.6	A
WB	Left Turn	276	279	100.9%	5.6	0.3	A
	Through	10	12	122.0%	6.9	1.0	A
	Right Turn	1	1	80.0%	2.6	0.9	A
	Subtotal	287	292	101.6%	5.6	0.3	A
Total		530	535	100.9%	6.0	0.3	A

Intersection 6

Miwok Avenue/Pioneer Square South

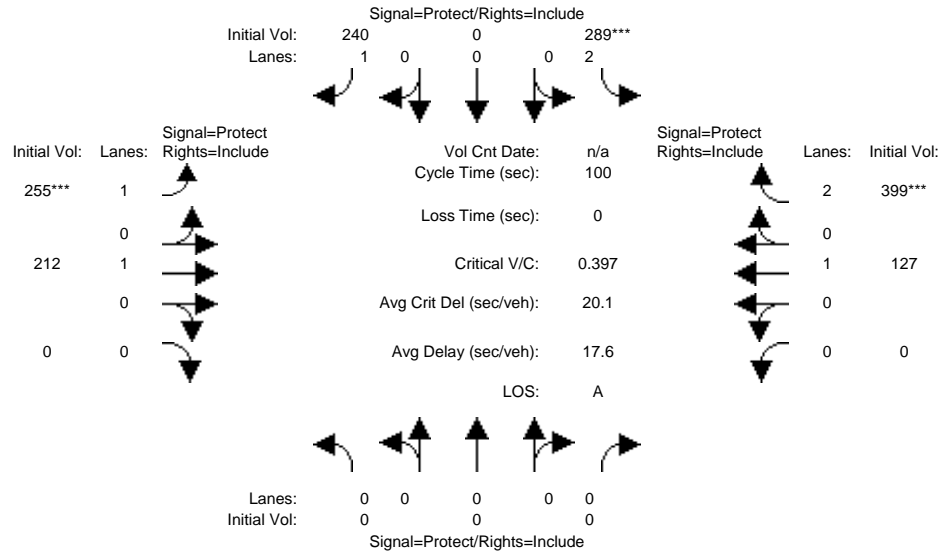
Unsignalized

Direction	Movement	Volume (veh/hr)			Total Delay (sec/veh)		
		Demand	Served	% Served	Average	Std. Dev.	LOS
NB	Left Turn	86	81	94.4%	7.1	0.9	A
	Through	95	98	102.8%	7.2	0.6	A
	Right Turn	473	471	99.5%	4.9	0.3	A
	Subtotal	654	650	99.3%	5.5	0.4	A
SB	Left Turn	1	1	60.0%	6.5	4.4	A
	Through	399	416	104.1%	9.1	1.0	A
	Right Turn	10	12	117.0%	6.6	1.2	A
	Subtotal	410	428	104.3%	9.0	1.0	A
EB	Left Turn	1	1	100.0%	12.9	3.7	B
	Through	10	10	98.0%	7.9	1.1	A
	Right Turn	119	113	94.8%	6.0	0.7	A
	Subtotal	130	124	95.1%	6.2	0.6	A
WB	Left Turn	10	9	91.0%	6.5	1.7	A
	Through	1	3	310.0%	3.6	2.3	A
	Right Turn	1	1	110.0%	4.1	2.9	A
	Subtotal	12	13	110.8%	5.8	1.7	A
Total		1206	1214	100.7%	6.8	0.5	A

Brentwood Center Community College
Cumulative Plus Project Build Out PM Peak Hour

Level Of Service Computation Report
CCTALOS (Future Volume Alternative)
Cumulative Plus Build Out PM

Intersection #7: Marsh Creek Road / Miwok Avenue



Approach:	North Bound			South Bound			East Bound			West Bound		
	L	T	R	L	T	R	L	T	R	L	T	R
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	0	0	0	0	0	0	0	0	0
Added Vol:	0	0	0	289	0	240	255	212	0	0	127	399
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	289	0	240	255	212	0	0	127	399
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
PHF Volume:	0	0	0	361	0	300	319	265	0	0	159	499
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	361	0	300	319	265	0	0	159	499
RTOR Reduct:	0	0	0	0	0	300	0	0	0	0	0	199
RTOR Vol:	0	0	0	361	0	0	319	265	0	0	159	300
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Volume:	0	0	0	361	0	0	319	265	0	0	159	300
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91
Lanes:	0.00	0.00	0.00	2.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	2.00
Final Sat.:	0	0	0	3127	0	1720	1720	1720	0	0	1720	3127
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.12	0.00	0.00	0.19	0.15	0.00	0.00	0.09	0.10
Crit Volume:			0	181			319					150
Crit Moves:				****			****					****

SimTraffic Post-Processor
 Average Results from 10 Runs
 Queue Length
 Intersection 5

Brentwood Center Site Access Analysis
 Cumulative Plus Project Buildout
 AM Peak Hour
 Unsignalized

Miwok Avenue / Pioneer Square North

Direction	Movement	Storage (ft)	Average Queue (ft)		95th Queue (ft)		Block Time %
			Average	Std. Dev.	Average	Std. Dev.	
NB	Left Turn	394	27	3	50	4	0
	Through	394	27	3	50	4	0
	Right Turn	394	2	2	12	6	0
SB	Left Turn	100	10	3	34	6	0
	Through	100	10	3	34	6	0
	Right Turn	100	6	2	27	3	0
EB	Left Turn	50	2	2	12	6	0
	Through	244	27	3	54	4	1
	Right Turn	244	27	3	54	4	1
WB	Left Turn	150	31	1	48	6	0
	Through	183	25	1	39	4	0
	Right Turn	183	25	1	39	4	0

Intersection 6

Miwok Avenue / Pioneer Square South

Unsignalized

Direction	Movement	Storage (ft)	Average Queue (ft)		95th Queue (ft)		Block Time %
			Average	Std. Dev.	Average	Std. Dev.	
NB	Left Turn	50	32	3	53	5	1
	Through	195	11	21	25	29	0
	Right Turn	195	60	9	91	13	0
SB	Left Turn	394	42	3	64	7	0
	Through	394	42	3	64	7	0
	Right Turn	394	38	3	57	8	0
EB	Left Turn	50	1	1	8	6	0
	Through	239	29	2	53	4	1
	Right Turn	239	29	2	53	4	1
WB	Left Turn	249	6	2	24	5	0
	Through	249	6	2	24	5	0
	Right Turn	249	6	2	24	5	0

Queues

7: Vineyards Parkway & Miwok Avenue South

12/1/2010



Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Group Flow (vph)	342	326	119	650	236	141
v/c Ratio	0.71	0.45	0.16	0.45	0.33	0.20
Control Delay	18.8	10.8	7.9	2.0	11.2	3.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	18.8	10.8	7.9	2.0	11.2	3.5
Queue Length 50th (ft)	59	49	16	0	35	0
Queue Length 95th (ft)	101	80	32	13	75	19
Internal Link Dist (ft)		6025	616		219	
Turn Bay Length (ft)	100			100		
Base Capacity (vph)	670	998	998	1738	722	695
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.51	0.33	0.12	0.37	0.33	0.20

Intersection Summary

SimTraffic Post-Processor
Average Results from 10 Runs
Queue Length
Intersection 5

Brentwood Center Site Access Analysis
Cumulative Plus Project Buildout
PM Peak Hour
Unsignalized

Miwok Avenue / Pioneer Square North

Direction	Movement	Storage (ft)	Average Queue (ft)		95th Queue (ft)		Block Time %
			Average	Std. Dev.	Average	Std. Dev.	
NB	Left Turn	394	12	16	24	19	0
	Through	394	12	16	24	19	0
	Right Turn	394	6	4	26	10	0
SB	Left Turn	100	8	3	30	5	0
	Through	100	8	3	30	5	0
	Right Turn	100	9	1	32	2	0
EB	Left Turn	50	31	21	55	32	2
	Through	244	38	4	61	11	1
	Right Turn	244	38	4	61	11	1
WB	Left Turn	150	32	3	55	9	0
	Through	183	34	4	56	7	0
	Right Turn	183	34	4	56	7	0

Intersection 6

Miwok Avenue / Pioneer Square South

Unsignalized

Direction	Movement	Storage (ft)	Average Queue (ft)		95th Queue (ft)		Block Time %
			Average	Std. Dev.	Average	Std. Dev.	
NB	Left Turn	50	19	17	40	20	1
	Through	195	33	20	61	21	3
	Right Turn	195	50	23	78	32	0
SB	Left Turn	394	56	5	88	20	0
	Through	394	56	5	88	20	0
	Right Turn	394	52	8	84	14	0
EB	Left Turn						
	Through	239	16	23	37	41	1
	Right Turn	239	16	23	37	41	1
WB	Left Turn	249	35	18	62	24	3
	Through	249	35	18	62	24	3
	Right Turn	249	35	18	62	24	3

On-site Intersection Analysis
 7: Vineyards Parkway & Miwok Avenue South

Cumulative Plus Project Buildout PM



Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Group Flow (vph)	319	265	159	499	361	300
v/c Ratio	0.72	0.39	0.23	0.38	0.47	0.37
Control Delay	20.6	10.6	9.1	2.0	12.2	3.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	20.6	10.6	9.1	2.0	12.2	3.2
Queue Length 50th (ft)	58	41	23	0	55	0
Queue Length 95th (ft)	101	68	43	13	111	24
Internal Link Dist (ft)		6025	616		219	
Turn Bay Length (ft)	100			100		
Base Capacity (vph)	609	940	940	1600	760	814
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.52	0.28	0.17	0.31	0.47	0.37
Intersection Summary						



500 Ygnacio Valley Road
Suite 270
Walnut Creek, CA 94596
925.906.1460

APPENDIX J

LETTERS OF SUPPORT

MAR 01 2011



Jowel C. Laguerre, Ph.D.
Superintendent-President
Governing Board

Sarah E. Chapman

James M. Claffey

Denis Honeychurch, J.D.

Pam Keith

Phil McCaffrey

Rosemary Thurston

A. Marie Young

Solano College

4000 Suisun Valley Road
Fairfield, CA 94534-3197
(707) 864-7000

*Vacaville Center and Aeronautics
Program - Nut Tree Airport*

2001 North Village Parkway
Vacaville, CA 95688
(707) 863-7872

Vallejo Center

545 Columbus Parkway
Vallejo, CA 94591
(707) 642-8188

Travis University Center

530 Hickam Avenue Bldg. 249
Travis AFB, CA 94535
(707) 863-7878

www.solano.edu

February 23, 2011

Helen Benjamin, Ph.D.
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Dear Dr. Benjamin:

It is my privilege as Superintendent-President of the Solano Community College District to write a letter of support for the Contra Costa Community College District's application to establish a recognized education center in Brentwood, California, as an extension of Los Medanos College.

The District has been offering classes in Brentwood since 1994 with enrollment growing consistently in the intervening years. I applaud your efforts in increasing educational opportunity in your service area.

We look forward to continuing our work with you in the future.

Sincerely,

JOWEL C. LAGUERRE, Ph.D.
Superintendent-President

JCL:js

(707) 864-7112 • (707) 864-7213 FAX • email:jowel.laguerre@solano.edu

Transforming students' lives!

MAR 17 2011



March 15, 2011

Helen Benjamin, Ph.D.
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Dear Dr. Benjamin:

It is my privilege as Interim Superintendent/President of San Joaquin Delta College to write a letter of support for the Contra Costa Community College District's application to establish a recognized education center in Brentwood, CA as an extension of Los Medanos College.

The District has been offering classes in Brentwood since 1994 with enrollment growing consistently in the intervening years. I applaud your efforts in increasing educational opportunity in your service area. We look forward to continuing our work with you in the future.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Susan A. Cota', written in a cursive style.

Susan A. Cota, Ed.D
Interim Superintendent/President



COLLEGE OF
MARIN

Office of the President

835 College Avenue
Kentfield, CA 94904
415.457.8811

Indian Valley Campus
415.457.8811
www.marin.cc.ca.us

RECEIVED

JUL 18 2011

tBP/Architecture
Bay Area Office

July 11, 2011

Helen Benjamin, Ph.D.
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Dear Dr. Benjamin:

This letter is in support of the Contra Costa Community College District's (CCCD) application to establish a recognized education center in Brentwood, CA as an extension of Los Medanos College. The proposed extension will play an important role in guaranteeing that students in the Brentwood community will continue to have access to the variety of important learning opportunities that Los Medanos has been offering there since 1994. I fully support your efforts and believe that the center will have enduring benefits for students and the community at large.

Sincerely,

David Wain Coon, Ed.D.
Superintendent/President



June 27, 2011

RECEIVED

JUL 01 2011

IBP/Architecture
Bay Area Office

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Dear Chancellor Benjamin,

Thank you for your letter regarding the Education Center you plan to open for Los Medanos College in Brentwood.

CLPCCD is interested in working with CCCCD to identify potential partnerships or collaboration that can occur. In addition, we are very interested in being kept apprized of any changes to the CCCCD educational master plan for the Brentwood Education Center site. This information will be useful for Las Positas College in planning and monitoring any impacts of the site on course offerings and programs. Please be advised that CLPCCD is not in opposition of this project but maintains an interest in being kept informed on significant changes.

In reiteration, I look forward to pursuing collaborative opportunities to limit duplication of effort while working together to meet the educational needs of our communities. CLPCCD would be pleased to meet and discuss the ways we can continue this cooperative effort.

**CHABOT-LAS POSITAS
COMMUNITY COLLEGE DISTRICT
BOARD OF TRUSTEES**

Barbara F. Mertes, Ph.D., President
Isobel F. Dvorsky, Secretary
Arnulfo Cedillo, Ed.D.
Donald L. "Dobie" Gelles
Hal G. Gin, Ed.D.
Marshall Mitzman, Ph.D.
Carlo Vecchiarelli

Joel L. Kinnamon, Ed.D., Chancellor

OFFICE OF THE CHANCELLOR

5020 Franklin Drive
Pleasanton, CA 94588
Tel: 925-485-5207
Fax: 925-485-5256
www.clpccd.org

Sincerely,

A handwritten signature in black ink, appearing to read "Joel L. Kinnamon". Below the signature, the name "Joel L. Kinnamon, Ed.D." is printed. To the left of the printed name, the initials "JLK/ac" are handwritten.

Joel L. Kinnamon, Ed.D.

JLK/ac



MAR 01 2011

OFFICE OF THE PRESIDENT
DR. EDNA BAEHRE

February 23, 2011

Helen Benjamin, Ph.D.
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Dear Dr. Benjamin,

It is my privilege as Superintendent/President of the Napa Valley community College District to write an enthusiastic letter of support for the Contra Costa Community College District's application to support a recognized education center in Brentwood, CA as an extension of Los Medanos college.

The CCCC District has been offering classes in Brentwood since 1994 with enrollment growing consistently in the intervening years. I applaud your efforts in increasing educational opportunities in your service area. We look forward to continuing our work with you in the future and would welcome an opportunity explore how the two respective colleges could collaborate to further meet the needs of the adjoining counties.

Sincerely,

Dr. Edna V. Baehre
Superintendent/President



County Supervisor Mary Nejedly Piepho, District III

CONTRA COSTA COUNTY BOARD OF SUPERVISORS, VICE CHAIR

RECEIVED

JUN 08 2011

IBP/Architecture
Bay Area Office

May 31, 2011

Dr. Helen Benjamin, Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Contra Costa County Supervisor representing Brentwood, CA and all of District III to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood:

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the far East County communities, Contra Costa County's fastest growing region, the Brentwood Education Center is best situated to serve students in this area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The current Brentwood satellite campus opened in 1998 serving about 100 students, and presently it now serves over 2500 students. Such a successful endeavor!

Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it was very difficult for many far East County students to reach the LMC main campus in Pittsburg, or other college campuses. The existing LMC Satellite Campus in Brentwood has served to fill this gap very successfully. The next evolution of this successful endeavor should be a fully functioning Brentwood Education Center.

COMMITTEES

Internal Operations Committee, Chair

Transportation, Water and Infrastructure Committee, Chair

Contra Costa Regional Medical Center, Joint Conference Committee and Professional Affairs Committee, Chair

Sacramento-San Joaquin Delta Conservancy, Chair

Airport Committee, Vice Chair

Delta Counties Coalition

Delta Protection Commission

Central Contra Costa Solid Waste Authority

East Bay Economic Development Alliance

Tri-Valley Transportation Committee

Dougherty Valley Oversight Committee

Doctors Medical Center Management Authority Governing Board, Joint Powers Authority

City-County Relations Committee

SERVING AS ALTERNATE

Local Agency Formation Commission

Contra Costa Transportation Authority

Association of Bay Area Governments

East Contra Costa Regional Fee and Finance Authority

East County Water Management Association

eBART Partnership Policy Advisory Committee

East Contra Costa County Habitat Conservation Plan, Executive Governing Board

Mental Health Commission

San Joaquin Valley Rail Committee

State Route 4 Bypass Authority

South West Area Transportation

TRANSPEC, Central County Transportation Partnership and Cooperation

TRANSPLAN, East County Transportation Planning

Contra Costa County has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and I look forward to working with you as you plan to serve the educational needs of the region in an approved and improved center.

Sincerely,



MARY NEJEDLY PIEPHO
County Supervisor, District III

CC: Mayor Taylor and Councilmembers, City of Brentwood

Federal D. Glover

Supervisor, District Five
Contra Costa County
Board of Supervisors



315 East Leland Road
Pittsburg, CA 94565
(925) 427-8138
(925) 427-8142 Fax
(925) 634-5915 Toll Free

May 31, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Contra Costa County Supervisor representing much of eastern Contra Costa County, District V, to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2500 students.

With Los Medanos College (LMC), an accredited college in CCCC'D's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC'D District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

The Contra Costa County and the cities in my district have a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

A handwritten signature in black ink, appearing to read "Federal D. Glover".

Federal D. Glover
District V Supervisor

E-Mail: dist5@bos.cccounty.us

Antioch • Bay Point • Bethel Island • Oakley • Pittsburg

MAILING ADDRESS:
City Hall
708 Third Street
Brentwood, CA 94513
Phone: 925-516-5400
Fax: 925-516-5401
www.ci.brentwood.ca.us

CITY ADMINISTRATION
708 Third Street
Phone: 925-516-5440
Fax: 925-516-5441

COMMUNITY DEVELOPMENT
118 Oak Street
Phone: 925-516-5405
Fax: 925-516-5407

**FINANCE & INFORMATION
SYSTEMS**
708 Third Street
Phone: 925-516-5460
Fax: 925-516-5401

PARKS AND RECREATION
101 B Sand Creek Road
Phone: 925-516-5444
Fax: 925-516-5445

POLICE
9100 Brentwood Boulevard
Phone: 925-634-6911
24 Hr. Dispatch: 925-778-2441
Fax: 925-809-7799

PUBLIC WORKS

Operations Division
2201 Elkins Way
Phone: 925-516-6000
Fax: 925-516-6001

Engineering Division
118 Oak Street
Phone: 925-516-5420
Fax: 925-516-5421

OFFICE OF THE MAYOR

April 5, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as Mayor of the City of Brentwood to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2500 students

With Los Medanos College (LMC), an accredited college in CCCC's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

The City of Brentwood has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,



Robert Taylor
Mayor

MAILING ADDRESS:
City Hall
708 Third Street
Brentwood, CA 94513
Phone: 925-516-5400
Fax: 925-516-5401
www.ci.brentwood.ca.us

CITY ADMINISTRATION
708 Third Street
Phone: 925-516-5440
Fax: 925-516-5441

COMMUNITY DEVELOPMENT
118 Oak Street
Phone: 925-516-5405
Fax: 925-516-5407

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Phone: 925-634-6911
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Fax: 925-809-7799

PUBLIC WORKS

Operations Division
2201 Elkins Way
Phone: 925-516-6000
Fax: 925-516-6001

Engineering Division
118 Oak Street
Phone: 925-516-5420
Fax: 925-516-5421

June 1, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the City Manager of Brentwood, CA to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. East County is Contra Costa County's fastest growing region, and the need for the Brentwood Education Center is growing also. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2500 students.

For 13 years, the CCCC District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

The City of Brentwood has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,


Donna Landeros
City Manager



April 4, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Mayor of the City of Antioch to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite campus opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

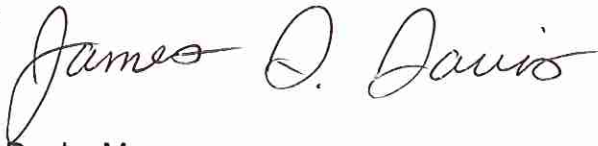
With Los Medanos College (LMC), an accredited college in CCCC's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

OFFICE OF THE MAYOR

Mayor James D. Davis • Mayor Pro Tem Wade Harper • Council Members Brian Kalinowski, Mary Rocha, Gary S. Agopian
P.O. Box 5007, Antioch, California 94531-5007 • Telephone: 925-779-7011 • Fax: 925-779-7003 • www.ci.antioch.ca.us

The City of Antioch has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

A handwritten signature in black ink that reads "James D. Davis". The signature is written in a cursive style with a large, looped initial "J".

James D. Davis, Mayor
City of Antioch



April 4, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the City Manager of the City of Antioch to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite campus opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

With Los Medanos College (LMC), an accredited college in CCCC'D's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC'D District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

The City of Antioch has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Jakel". The signature is fluid and cursive, with a large initial "J" and "K".

Jim Jakel, City Manager
City of Antioch



3231 Main Street
Oakley, CA 94561
925 625 7000 tel
925 625 9859 fax
www.ci.oakley.ca.us

MAYOR
Jim Frazier

VICE MAYOR
Kevin Romick

COUNCILMEMBERS
Pat Anderson
Randy Pope
Carol Rios

May 31, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin:

It is my privilege as the Mayor of Oakley, California to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area including those who reside in the rapidly growing City of Oakley.

With Los Medanos College (LMC), an accredited college in CCCCCD's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCCCD District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

The City of Oakley looks forward to working in concert with the Contra Costa Community College District and Los Medanos College in serving the educational needs of the region.

Sincerely,



James L Frazier, Jr.
Mayor



3231 Main Street
Oakley, CA 94561
925 625 7000 tel
925 625 9859 fax
www.ci.oakley.ca.us

MAYOR
Jim Frazier

VICE MAYOR
Kevin Romick

COUNCILMEMBERS
Pat Anderson
Randy Pope
Carol Rios

May 31, 2011

Chancellor Helen Benjamin
CONTRA COSTA COMMUNITY COLLEGE DISTRICT
500 Court St.
Martinez, CA 94553

Subject: Letter of Support for the Brentwood Education Center

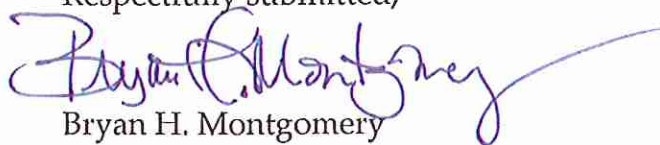
Dr. Benjamin:

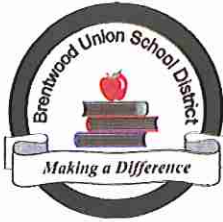
It is my privilege as Oakley's City Manager to send you this letter of support for the establishment of an Education Center in Brentwood. With the continued growth of families in the East County, the Brentwood Education Center will better serve students in that area including those who reside in the rapidly growing City of Oakley.

Along with Los Medanos College, an accredited college in Contra Costa Community College District's three-college system, the District seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

The City of Oakley looks forward to working in concert with the Contra Costa Community College District and Los Medanos College in serving the educational needs of the region.

Respectfully submitted,


Bryan H. Montgomery
City Manager



Brentwood Union School District

255 Guthrie Lane, Brentwood, CA 94513 (925)513-6300 FAX (925)634-8583

Superintendent
Merrill M. Grant, Ed.D.

April 1, 2011

Dr. Helen Benjamin, Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the President of the Brentwood Union School District Board of Education to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

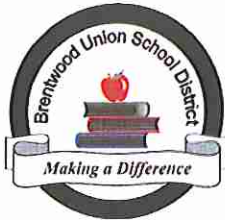
With Los Medanos College (LMC), an accredited college in CCCC's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

We look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

A handwritten signature in black ink that reads "Tobi Laird Benz". The signature is written in a cursive, flowing style.

Tobi Laird Benz, President
Board of Education



Brentwood Union School District

255 Guthrie Lane, Brentwood, CA 94513 (925)513-6300 FAX (925)634-8583

Superintendent
Merrill M. Grant, Ed.D.

April 1, 2011

Dr. Helen Benjamin, Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Superintendent of the Brentwood Union School District to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

With Los Medanos College (LMC), an accredited college in CCCC'D's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC'D District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

We look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

A handwritten signature in black ink that reads 'Merrill M. Grant'.

Dr. Merrill M. Grant
Superintendent



Liberty Union High School District

20 Oak Street

Brentwood, CA 94513

Phone: (925) 634-2166 Fax (925) 634-1687

Jerome T. Glenn, Superintendent

April 4, 2011

Dr. Helen Benjamin, Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the President of the Liberty Union High School District Board of Education to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

With Los Medanos College (LMC), an accredited college in CCCC's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

The Liberty Union High School District Board of Education has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

Holly Hartman, President
Liberty Union High School District Board of Education



Liberty Union High School District

20 Oak Street

Brentwood, CA 94513

Phone: (925) 634-2166 Fax (925) 634-1687

Jerome T. Glenn, Superintendent

April 4, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Superintendent of the Liberty Union High School District to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

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The Liberty Union High School District has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

Jerome T. Glenn, Superintendent
Liberty Union High School District



Liberty Union High School District

20 Oak Street

Brentwood, CA 94513

Phone: (925) 634-2166 Fax (925) 634-1687

Jerome T. Glenn, Superintendent

April 6, 2011

Dr. Helen Benjamin, Chancellor
Contra Costa Community College District
500 Court Street
Martinez, California 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Assistant Superintendent of Administrative Services for the Liberty Union High School District to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

With Los Medanos College (LMC), an accredited college in CCCC's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

The Liberty Union High School District has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

Gene Clare
Assistant Superintendent of Administrative Services

GC/ncp

Liberty Union High School District

COMMUNITY EDUCATION CENTER

929 Second Street, Brentwood, CA 94513

Independent Study: 925/634-2589 Adult Education: 925/634-2565

Fax: 925/516-6968



April 6, 2011

Dr. Helen Benjamin, Chancellor
Contra Costa Community College District
500 Court Street
Martinez, California 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Assistant Director of the Liberty Union High School District Community Education Center to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

With Los Medanos College (LMC), an accredited college in CCCC'D's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC'D District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

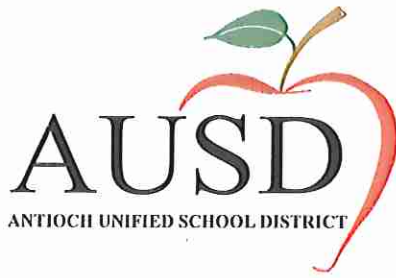
The Community Education Center has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,


Colleen Sanchez
Assistant Director of Community Education

CS/ncp

Equal Opportunity Employer



Office of the Board of Education
Diane Gibson-Gray, President

Preparing Students for Success in College, Career, and Life.

April 5, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the President of the Antioch School District Board of Trustees to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

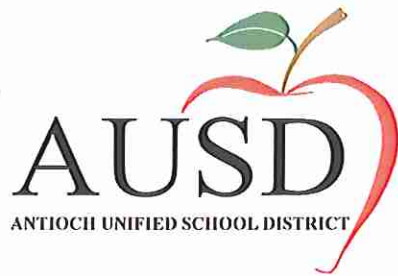
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With Los Medanos College (LMC), an accredited college in CCCC's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

The Antioch School District has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

Diane Gibson-Gray
President
Antioch Unified School District Board of Trustees



Office of the Superintendent
Donald Gill, Ed.D.

Preparing Students for Success in College, Career, and Life.

April 5, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is an honor and a privilege to write a letter of support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

Education has always played an important role in East Contra Costa County. This is evidenced by the fact that the Contra Costa Community College District has been a leader in this effort for over 60 years. The surrounding communities of Brentwood are among the fastest growing in East Contra Costa County. Because these communities are separated from close proximity to institutes of higher education, residents of Far East Contra Costa County have had to endure long commutes in heavy traffic to access post secondary educational resources. It is clear by the dramatic increases in enrollment at the Brentwood Education Center that there is a demand now and in the future for greater access to post secondary educational resources.

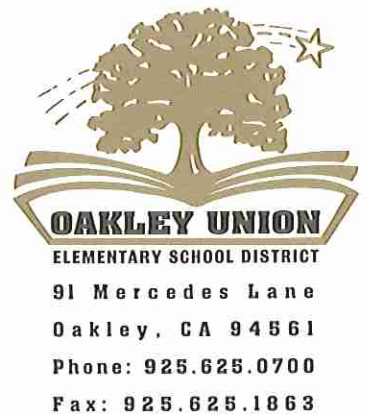
It is for these reasons that I strongly support Contra Costa Community College District's application to establish an Education Center in Brentwood. We look forward to working together to help realize this dream in collaboration with the College District.

Sincerely,

Dr. Donald Gill
Superintendent
Antioch Unified School District

April 6, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553



Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Superintendent of the Oakley Union School District to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

With Los Medanos College (LMC), an accredited college in CCCC's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

We look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

Dr. Richard Rogers, Superintendent
Oakley Union School District

April 6, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553



Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the President of the Oakley Union Elementary School District Board of Trustees to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

With Los Medanos College (LMC), an accredited college in CCCC'D's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC'D District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

We look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

Larry Polk, President
Oakley Union Elementary School District Board of Trustees

Byron Union School District



14301 Byron Highway Byron, CA 94514
(925) 809-7500 FAX: (925) 634-9421
Ken Jacopetti, Superintendent

April 7, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the President of the Byron Union School District Board of Trustees to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

With Los Medanos College (LMC), an accredited college in CCCC'D's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC'D District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

We look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

A handwritten signature in purple ink that reads "Elaine Landro". The signature is fluid and cursive, with a small circle at the end of the last name.

Elaine Landro, President
Byron Union School District Board of Trustee

Byron Union School District



14301 Byron Highway Byron, CA 94514
(925) 809-7500 FAX: (925) 634-9421
Ken Jacopetti, Superintendent

April 1, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Superintendent of the Byron Union School District to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

With Los Medanos College (LMC), an accredited college in CCCC'D's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC'D District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

We look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

A handwritten signature in blue ink, which appears to read 'K. Jacopetti', is written over a light blue circular stamp or watermark.

Ken Jacopetti, Superintendent
Byron Union School District



Heritage High School

101 American Ave. ~ Brentwood, CA 94513
925-634-0037



Andy Parsons, Ed.D. Principal

*Lisa M. Sullivan, SLC-A Assistant Principal; Crystal Shaw, SLC-B Assistant Principal
Guy D. Rognlien, SLC-C Assistant Principal; Dan Hanel, SLC-D Assistant Principal*

June 1, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Principal of Heritage High School to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

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Heritage High School has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

A handwritten signature in blue ink that reads "Andy Parsons".

Andy Parsons, Ed.D.
Principal
Heritage High School



Freedom High School

1050 Neroly Road • Oakley, CA 94561 • (925) 625-5900 Fax: (925) 625-0396



Erik Faulkner, Principal
Tara Biancamano, Assistant Principal
Chris Holland, Assistant Principal
Casey Lewis, Assistant Principal
Pam Seto, Assistant Principal

April 4, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Principal of Freedom High School to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

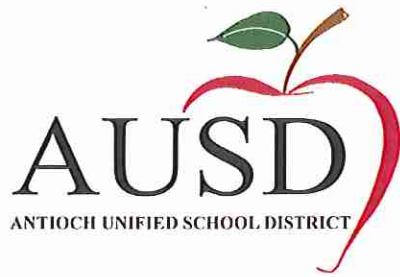
With Los Medanos College (LMC), an accredited college in CCCC's three-college system, the district seeks to establish the Brentwood Education Center as an education center to Los Medanos College. For 13 years, the CCCC District and Los Medanos College have maintained an education center in Brentwood. This center is a central instruction site where Los Medanos continues to serve an annual enrollment exceeding 1,320 full-time equivalent students. Historically, East County has been underserved by all of higher education since the area is distant from all two- and four-year colleges. Given commute patterns and rush-hour traffic, it is now very difficult for many East County students to reach the LMC main campus in Pittsburg, or other colleges.

Freedom High School has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

A handwritten signature in black ink that reads "Erik Faulkner".

Erik Faulkner, Principal
Freedom High School



Nancie Castro
Principal
Dozier-Libbey Medical High School

April 4, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Principal of the Dozier-Libbey Medical High School to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

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The Dozier-Libbey Medical High School has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

Nancie Castro, Principal
Dozier-Libbey Medical High School



Dozier-Libbey
MEDICAL HIGH SCHOOL

4900 Sand Creek Rd. Antioch, CA 94531; Phone (925)779-7540



LA PALOMA HIGH SCHOOL

LIBERTY UNION HIGH SCHOOL DISTRICT

6651 LONE TREE WAY - BRENTWOOD, CALIFORNIA 94513 - PHONE (925) 634-2888 FAX (925) 634-6578

April 5, 2011

Dr. Helen Benjamin
Chancellor
Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Re: Support for the Brentwood Education Center

Dear Dr. Benjamin,

It is my privilege as the Principal of La Paloma High School to write a letter in support of Contra Costa Community College District's (CCCCD) application to establish an Education Center in Brentwood.

CCCCD, over its 60-year history, has positioned itself adeptly to serve the communities of Contra Costa County. With the continued growth of families in the East County, Contra Costa County's fastest growing regions, the Brentwood Education Center will better serve students in that area. Population in the Brentwood area has increased from 23,302 in 2000, to 59,700 in 2010 (ABAG, 2010). The Brentwood satellite opened in 1998 serving about 100 students, and presently it is serving over 2,500 students.

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La Paloma High School has a long history of working in concert with the Contra Costa Community College District and Los Medanos College, and we look forward to serving the educational needs of the region in an approved and improved center.

Sincerely,

Larry Rodriguez, Principal
La Paloma High School