

# CELEBRATING SUCCESS

Measure H Bond Program  
West Valley - Mission Community College District



# CELEBRATING SUCCESS

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**West Valley - Mission**  
Community College District



## DELIVERING ON A PROMISE

On November 2, 2004, the voters of our community passed Measure H, allocating \$235 million in bond funds to the West Valley – Mission Community College District. Since that time our campuses have undergone significant transformation through the incorporation of technology and infrastructure upgrades, classroom modernizations, and the addition of flexible learning space, resulting in safer, more energy efficient and inspiring environments. We have carefully and judiciously managed a combination of bond, bond interest, state capital outlay and grant funds to successfully deliver:

- Photovoltaic programs on each campus
- New construction: 7 projects | 192,401 SF
- Renovation/Modernization: 12 projects | 301,146 SF
- Critically needed ADA compliant upgrades
- Site improvements to enhance parking, pedestrian flow and safety

This record of success has been possible thanks to a major commitment on the part of our students, distinguished Board Members, Citizens Bond Oversight Committee, administration and faculty, the community at large, and all our partners who came together with the shared vision of creating a safe, accessible, welcoming and inspiring educational environment for all.

As we continue to address the needs identified in our Master Plan through current and potential future bond measures, let us pause to reflect on the success of Measure H – a bond program we can all be proud of, which has been delivered to both voters and students as promised. We all have reason to celebrate the success of the projects showcased within this booklet.

## BY THE NUMBERS

Funding	Budget
Measure H	\$235,000,000
Measure C	\$350,000,000
Other Funds	
State Capital Outlay	\$46,750,220
Prop 39	\$1,398,382
Donation	\$750,000
SCVWD Grants	\$1,266,000
Bond Interest	\$6,373,546
Solar CREB and Tax Exempt Bond	\$9,500,000
Land Corporation	\$305,948
Subtotal Other Funds	\$66,344,096
<b>Grand Total</b>	<b>\$651,344,096</b>

## MEASURE H CAPITAL IMPROVEMENTS

### West Valley College

- Program Management
- Operational Expenses
- Master Plan
- EIR
- Aquatic Center
- Campus Technology Center (Fox)
- Math & Science Addition
- Math & Science Renovation
- ADA Barrier Removal
- Utility Infrastructure Upgrade
- Surface Improvements
- Infrastructure – Project Support
- Swing Space for Construction
- Campus Center Renovation
- Language Arts & SS Renovation
- Classroom Upgrades
- Solar Photo Voltaic System
- Applied Arts & Science Renovation

### Mission College

- Program Management
- Program Contingency
- Operational Expenses
- MB – Third Floor Renovation.
- Master Plan
- EIR
- Utility Survey
- Hospitality Management Renovation.
- Utility Infrastructure Upgrade
- MBR Phase 1 (Gillmor Center)
- CDC Replacement
- MB Fire Alarm Upgrade
- Solar Photo Voltaic System
- Classroom Upgrades

### District Services

- Program Management
- Debt Service Restructuring
- Program Contingency
- Operational Expenses
- I.S. Building @ WVC
- I.S. Swing Space
- Server Replacement
- Data Network
- Master Plan
- Fire Alarm Replacement
- I.S. Building @ MC
- Police Building Upgrades



“Mission College's first priorities are students, their learning and their success.”

**-MISSION COLLEGE**

Gary G. Gillmor  
& Family  
Academic Center



## MASTER PLAN

**Mission College  
Completed Spring 2009**

The “big idea” for Mission College was to create a vision for the future by integrating the college campus into greater regional planning. The facilities master plan was developed in support of the College’s Draft of Education Master Plan and reflects the opportunities and desire to grow Mission College into the premier community college in the region. One of the goals and objectives of the Master Plan was the integration of the future buildings with the existing facilities to provide a “complete” campus. The context is intended to reflect the cutting-edge climate of Silicon Valley, and the plan provides a coherent, centrally-focused campus design throughout the anticipated sequencing of the construction process.



## MAIN BUILDING REPLACEMENT PHASE I: MBR PHASE I (GILLMOR CENTER)

**Mission College**

**Project Completed 2014**

**Gary G. Gillmor and Family Interdisciplinary Center**

Lionakis, the architecture firm for Mission College Gillmor Center in Santa Clara, Calif., specified metal wall panels and sunshades to add to the building's sustainability, aesthetics, and to provide durability.

The three-story, 130,000-square-foot interdisciplinary classroom facility, completed in April 2014, is registered for LEED Gold certification and is the first phase of the existing main building replacement at Mission College's campus.

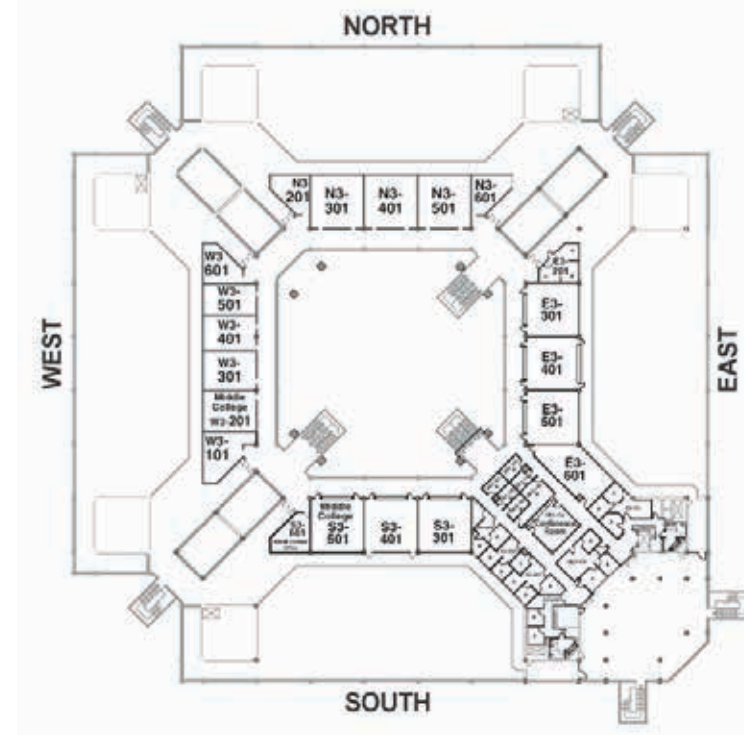
Mission College Gillmor Center includes career technical education classrooms; faculty offices; art classrooms for painting, drawing, and sculpture; a woodshop; metal shop; print shop; classrooms for jewelry and ceramics; adaptable classrooms; meeting spaces; lab and lecture space; computer labs and numerous student gathering and study spaces.

-Metal Architecture Magazine

## MAIN BUILDING THIRD FLOOR REMODEL

**Mission College**  
**Completed Winter 2006**

The Main Building 3rd floor remodel increased usable space and updated the classroom technology to meet current curriculum requirements. The redesign of the South and East wings of the 3rd floor added six fully integrated classrooms, one computer lab, a number of offices and a new multimedia conference room. These spaces have served well as interim housing during construction of the replacement buildings.



## INFORMATION SYSTEMS BUILDING

**Mission College**  
**Completed Fall 2011**  
**District Services**

The Information Systems (IS) Building is a District project located on the Mission College Campus. The District support staff and the Mission Data Network Center are now combined in a single building of approximately 4,439 square feet that also includes staff offices and a District conference room.

This critical project was required in preparation for the demolition of the old Main Building that housed the data network and telecom systems. Prior to the construction of this building, District Information System services were spread throughout three locations on the Mission campus. The new building consolidates the network and data support into a single area.



## ENVIRONMENTAL IMPACT REPORT

**Mission College**  
**Completed Spring 2009**

The Environmental Impact report is an important working document guiding the activities of the implementation of the Facilities Master Plan. This document meets the requirements of the California Environmental Quality Act, (CEQA) which is a statute that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible.

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## UTILITY SURVEY (INFRASTRUCTURE)

**Mission College**  
**Completed Summer 2008**

The Utility Survey was performed to identify existing utilities, capacities and conditions to support planning efforts for implementation of the Campus Facilities Master Plan. The survey encompassed electrical, telecommunications, water, sewer and gas lines as well as identified City of Santa Clara Easements.

## INFRASTRUCTURE UPGRADE

**Mission College**  
**Completed Spring 2011**

The consultant survey and report on the existing telecommunications infrastructure, the reconstruction and reconnection of the new telecom infrastructure system in preparation for the demolition of the existing Main Building, and all subsequent remodel and new construction work are part of the master plan. The survey work has been completed and is available through the WVMCCD District Facilities office.

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## SOLAR PHOTO VOLTAIC SYSTEM

**Mission College**  
**Completed Fall 2011**

In 2009 the District began planning and community outreach to implement a 1 megawatt solar panel array system at West Valley College that would be installed on parking shade structures. The goal was the generation of an estimated 31% of the College's electrical needs, yielding an approximate savings of \$500,000 per year.

The project was funded with Measure H Bond interest, low interest loans through the (CREB) Clean renewable energy bond program, and the utilization of future energy rebates to pay off this District-owned system.

The structures were successfully installed in Parking Lots 4 and 5, providing popular shady parking spots for the College Community as well as renewable energy to the campus.



## HOSPITALITY MANAGEMENT

**Mission College**  
**Completed Winter 2011**

The Hospitality Management Facility Reconstruction plus 5,000 square foot addition provides state-of-the-art technology and equipment which increases instructional efficiency and enhances the instructional delivery system. The addition to the current building increased space and capabilities for this growing program. This project provided two cutting edge demonstration areas that augment teaching and promote interaction. The project was a key part of the College's Master Plan. The single-story building addition contains a baking lab, small dining area, a retail floristry lab, additional storage, and walk-in cooler facilities. Upgrades to existing seismic capacities, utility infrastructure, and finish assemblies were also included in the scope.



## CHILDCARE REPLACEMENT

**Mission College**  
**Completed Winter 2011**

This project relocated children from aging, deficient modular facilities to the front of campus, adjacent to the Child Development Center, which was completed in 2001 and provides care for children aged 6 months to 3 years. This new facility offers increased classroom space for the teaching of Child Development classes to adult students at Mission College. This project also made way for completion of the Educational and Facilities Master Plan by combining campus-wide CDC classrooms in an area separate from the construction of the new Theater Building, planned to be located in the back of campus.

This building includes 2 Child study labs, an atelier, an extensive state-of-the-art playard for children ages 3-5, and two observation locations where adult students can watch children interacting with their peers, teachers and their learning environment. Faculty offices and support spaces are also located conveniently in the building.



## MAIN BUILDING FIRE ALARM UPGRADE

**Mission College**

**Ongoing Upgrades are in Progress Funded by Measure C**

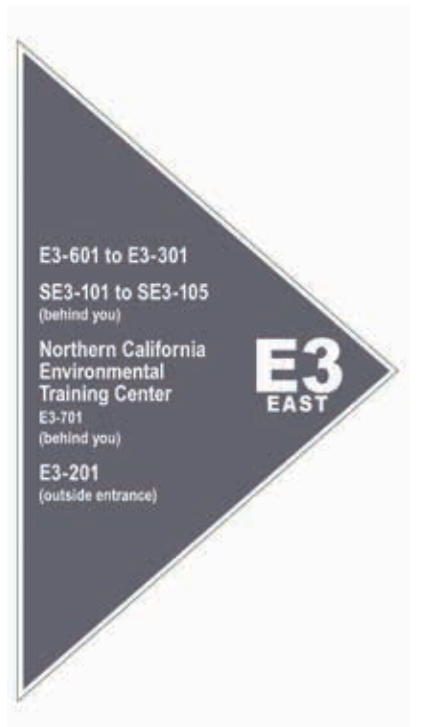
The State Funded program is completed and Measure C has augmented the funding to fully complete the upgrade. This project addressed buildings that were not renovated yet and were not immanently planned for renovation.



## CLASSROOM | STUDENT SERVICES UPGRADES

**Mission College  
Completed Winter 2012**

The Classroom and Student Services upgrades at Mission College provided critical upgrades to many College classrooms and facilities for student services. Work funded under this project included HVAC replacement for the MT Classrooms, as well as finish upgrades of new carpet tiles, white boards, paint, windows and coverings. Sorenson Hall, a 154 seat lecture classroom in the old Main building, was also upgraded, as the old facility was in such disrepair that it was unusable.





In replacing a dated campus entrance, TLCD Architecture, Quadriga Landscape Architects and GNU Group were intent on creating a powerful arrival statement that introduces the school's brand identity and replaces water hungry turf with drought resistant landscape. The 60 foot long Corten steel entry monument and two electronic displays integrate with the ground cover and surrounding natural landscape treatment and boldly display the West Valley College signature oak leaf logo.

Two historic palms were relocated from the location of an original farmhouse that preceded the college, when the site was orchard lands. They have been moved from an unnoticed location in the middle of parking lot 3 to create a fresh reminder of the history of the land.



## FACILITIES MASTER PLAN

**West Valley College  
Completed Spring 2009**

The 2009 Educational and Facilities Master Plan project assisted West Valley College in the development of its Educational Master Plan and defined goals for the future of the educational program. The Educational Plan described the college's 2009 programs and detailed how those programs might develop in the future.

Based on this education plan, the Facilities Master Plan provided a design for facilities and technology that would be required to fully implement the Educational Master Plan. The Facilities Plan developed options for building locations, open campus circulation, established sustainable and building design guidelines, coordinated with the EIR consultant, documented the condition of current facilities, and developed budgets and construction sequencing for potential renovations and replacement facilities.

**“The West Valley College Community supports students along their pathways to reach transfer and career goals in an environment of academic excellence.”**

**-WEST VALLEY COLLEGE**



## SOLAR PHOTO VOLTAIC SYSTEM

**West Valley College**  
**Completed Summer 2011**

At Saratoga, 150,000 square feet of solar panels on top of new carports in the north parking lot of campus generates a full megawatt of solar energy, or one-third of the electricity used at the campus, which serves 12,000 students. The 1-megawatt system provides enough electricity, in California's sunny climate, to power about 800 homes. This is the equivalent of removing 1,167 cars from the road, or preserving 58 acres of forest.

Completed at an accelerated schedule of two-and-a-half months, the solar system features a three-acre elevated solar canopy structure with nearly 2,640 SunPower® E19 / 425 Solar Panels that generate reliable, emission-free solar power, thus reducing the campus' energy costs and providing premium shading for parked vehicles. West Valley College is expected to save more than \$9M in electricity costs over the 25-year-life of the system.

The original site was selected in the north parking lot 2. Collaboration with the surrounding neighbors was critical to the success of the project.







## CAMPUS CENTER BUILDING I

**West Valley College**  
**Completed Spring 2012**

The Campus Center and Viking Grove modernization project has become the heart of West Valley College. With the reuse of existing structure, walls, and roof helping to maintain a tight budget, we created a home-away-from-home that inspires students, staff, the community, and future generations. We identified elements that attract students, capture the culture of the campus, and instill a sense of identity and pride, inspiring community members to return to the Center throughout their lives for special events, festivals, exhibitions, and weddings.

The approximately 39,000 square foot Campus Center was built in 1979 and has had no prior additions or renovations. With the construction of the Campus Technology Center (Fox Center), foot traffic into and through the building has been greatly improved. The reorganization of interior spaces has also increased the efficiency of student servicing.

This project was awarded LEED Certified designation by the US Green Building Council. This was the first West Valley project to obtain a LEED Certification.



This view of the reconstructed event center shows the refreshed student multi use Event room. The project focused on bringing in natural daylight to all parts of this room.



OSTRUP  
FAMILY PLAZA

## CAMPUS TECHNOLOGY CENTER (FOX CENTER)

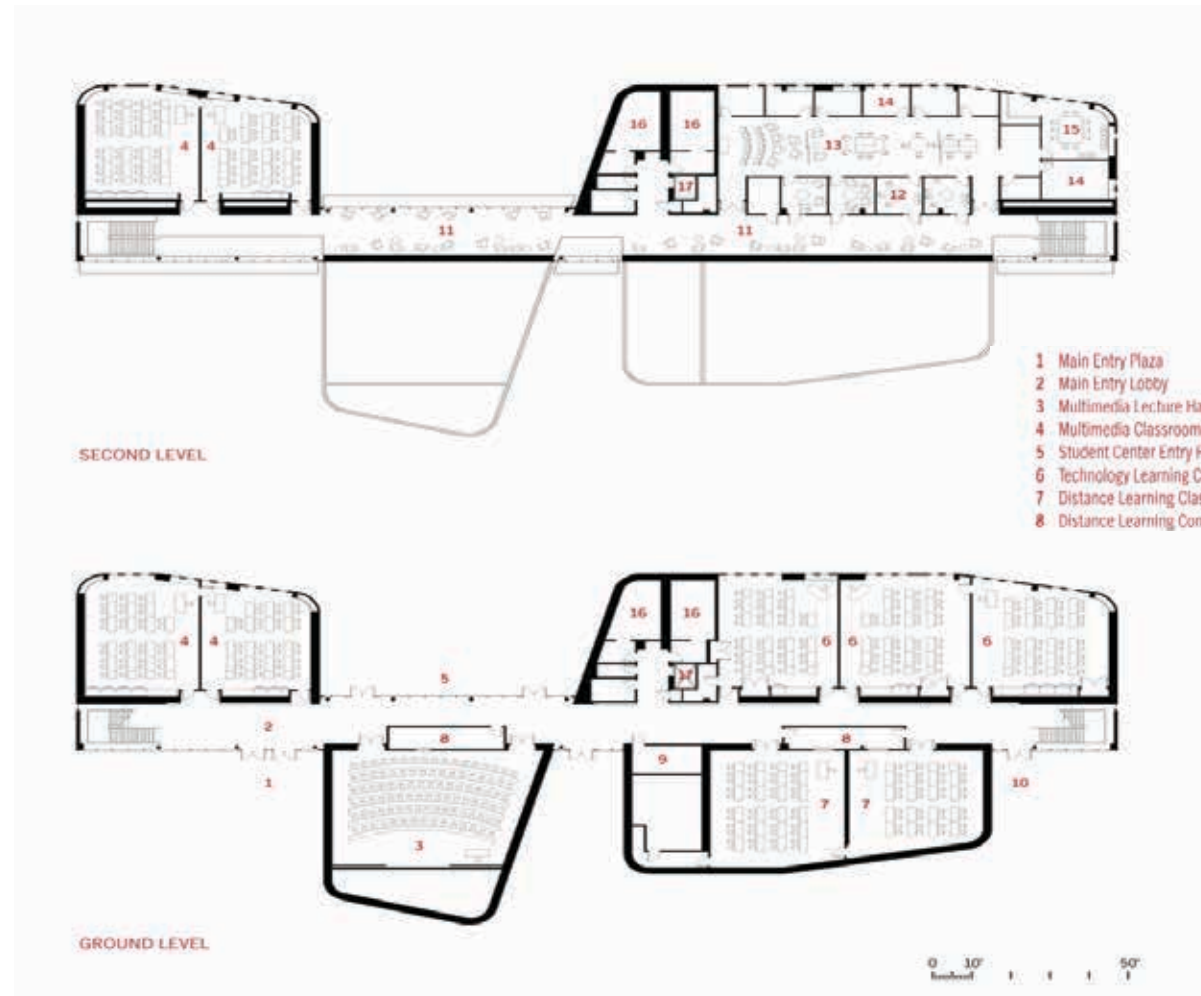
**West Valley College**  
**Completed Spring 2010**  
**M.E. FOX**

Located in Saratoga, Calif., West Valley College's new technology classroom building has become a landmark and new campus gateway, framing both pedestrian and vehicular access to the campus.

The building's layout is designed to encourage students to remain on campus and promotes informal interaction with classmates and faculty. It includes outdoor plazas and courtyards with wireless access for instruction as well as individual and group study.

Reinforcing the college's commitment to advanced instruction through distance and computer learning, the new 30,000 square foot technology classroom building serves as the first of many wireless data buildings on campus and includes infrastructure to accommodate future technology. With its wireless infrastructure, the technology classroom building clearly represents the integration of technology in our lives-- depicted by the way classrooms, corridors and outdoor spaces are seamlessly woven together.

The design encourages multiple outdoor experiences through a variety of seating areas within the plazas and courtyards. Internally, the extra-wide corridors extend the building beyond the classroom, dissolving the threshold between inside and out, via a visual and physical connection to the landscape. Through the successful development of formal and informal learning spaces, the project promotes collaboration and interconnection between classmates and faculty.



The design encourages multiple outdoor experiences through a variety of seating areas within the plazas and courtyards.





## MATH AND SCIENCE ADDITION

**West Valley College**  
**Completed Summer 2009**

The Math and Science Addition was the first new building completed on the West Valley Campus since 1974. The project was primarily funded by the State Capitol outlay program and augmented by Measure H funding.

This important project provided three new laboratory spaces for growing academic programs that are compatible with current and future teaching practices. It included construction of a new anatomy/physiology laboratory, cells/microbiology laboratory, and a natural history laboratory. The natural history lab is used to support plant biology, animal biology, marine biology and ecology courses. These new laboratories provide modern instructional spaces with sufficient storage and prep areas, appropriate ventilation, usable demonstration space, better student work space and increased mobility. The project also allowed instructional continuity in the department during the reconstruction of the entire Science and Math complex.





## LANGUAGE ARTS AND SOCIAL SCIENCE

**West Valley College  
Completed Summer 2013**

Built in 1971, the Language Arts and Social Science educational facilities lacked the ability to deliver the instruction envisioned by the Educational Master Plan. The proposed project reconstructed the obsolete facilities in two phases, transforming them into modern educational facilities which utilize computers to deliver instruction through various media. The reconstruction allowed compliance with ADA requirements, abatement of hazardous materials which were used in the original construction, and the integration of audio/visual and telecom/data technology that provide state-of-the-art programming for career education.

The project is the first LEED Silver certified project on the campus.





## AQUATIC CENTER PROJECT

**West Valley College**  
**Completed Spring 2008**

The Aquatic Center Project reconstructed the 25-plus year-old Aquatic Center, including complete demolition and rebuilding of a 50 meter swimming pool, and construction of a new locker room, shower building and restrooms, thus adding 3,800 square feet of support structures. The boiler building for mechanical support to the pool was updated along with the equipment, including a variable speed pump for energy efficiency.



## MATH AND SCIENCE RENOVATION

**West Valley College  
Completed Summer 2011**

The Science and Math Building Renovation project thoroughly reconstructed the three buildings of the existing complex to improve fire-life-safety systems and instructional capacity and quality. The project took dark and tattered spaces, transforming them to natural light filled, esthetically pleasing learning environments. The reconstruction renovated existing laboratory and support spaces to meet current educational standards. The work modernized existing areas for new computer laboratories and smart classrooms, as to well as accommodate access for disabled students and faculty. The project improved life-safety conditions, and upgraded/replaced the electrical, lighting, and some of the mechanical (HVAC) systems.

This project was primarily funded by the State Capitol outlay program and augmented by Measure H.



## APPLIED ARTS AND SCIENCE REMODEL

**West Valley College**

**Completed Spring 2016 (To be included with Measure C projects)**

The Applied Arts and Sciences Remodel (Cilker School of Art and Design) reconstructed approximately 60,000 GSF of Labs, Classrooms, Lecture Classrooms, Faculty Offices, Student Collaboration Spaces and the Community Education Program. The multi-disciplinary classroom building houses Architecture, Interior Design, Fashion Design, Fine Arts, Digital Media, Health Sciences, Park Management and Math classes.

In addition to improving instructional efficiency, the reconstruction improved classroom technology, building circulation, way-finding, and disabled access throughout the building. The project upgraded utility and mechanical systems, and removed old hazardous materials which were used in the original construction.

One of the key aspects of this project is an extensive voluntary Seismic Upgrade that greatly improves the structural integrity and safety of this building, bringing it to current code requirements.

Much focus and effort has been expended to open up new areas to natural light and improve visibility and student work display spaces for the exciting programs housed in this facility.

The project is slated to be LEED Silver Certified and scheduled for occupancy in Fall of 2016. It is funded partially through Measure H and Measure C.



## INFORMATION SYSTEMS BUILDING

**West Valley College**  
**Completed Spring 2009**  
**District Services**

The Information Systems (IS Building) is a West Valley Mission Community College District (WVCCD) project located on the West Valley College (WVC) Campus. The District support staff and the Data Network Center are now combined in a single building of approximately 12,500 square feet that also includes a training classroom.

Prior to the construction of this building, District Information System services were spread throughout three locations on the West Valley campus. The new building brings together users, the network, and data support into a single area.

## INTERIM HOUSING | SWING SPACE

**West Valley College**  
**Completed Fall 2007**  
**District Services**

West Valley College Interim Housing project provide interim facilities to departments undergoing construction or reconstruction. This project began with the completion of the wet lab portable, which served the science department during construction of the new M/S Addition biology labs and the renovation of existing buildings, utilizes facilities built for the Information System project during construction and has met the needs during renovation of the LA/SS classrooms and faculty, Campus Center requirements and currently is serving the AAS project during renovation.



## ADA BARRIER REMOVAL PLAN

**West Valley College**  
**Completed Summer 2013**

The ADA Barrier Removal Plan projects are multiple projects that have addressed many College student and community access issues throughout the Campus. These projects have repaired and replaced walkways, added and upgraded ADA parking, ADA signage and greatly improved College wide access. Most notable is the addition of a fire truck-rated bridge on North walk and a set of connecting ramps that open up a difficult section of the campus through the replacement of the existing deteriorating bridge by raising the elevation to meet code requirements.

## POLICE BUILDING RENOVATION

**West Valley College**  
**Completed Winter 2010**  
**District Services**

The Former IS modular building was converted to the new Police Department Facility starting late 2009 completed in early 2010 in readiness for the Campus Center Renovation project. The remodeled 1,446 sq ft. modular facility created offices, a Live Scan alcove, new secure evidence room and an interview room. The fire alarm, building security, HVAC and lighting were all upgraded along with finishes to provide a new Police office for the Department.

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## DATA NETWORK

**West Valley College**  
**Completed Summer 2009**  
**District Services**

The Data Network project updated the Data Network required to provide better, more efficient data/telecommunication services to both colleges in order to handle the greater volume of high-tech communications.

## FIRE ALARM REPLACEMENT AT WEST VALLEY AND MISSION COLLEGE

**West Valley College**  
**Completed Summer 2012**  
**District Services**

To ensure the availability of safe facilities, the District recognizes a need to evaluate and address issues concerning the fire alarm system at both campuses. The old fire alarm system is beyond its expected useful life and has been extremely costly and difficult to maintain/repair. Serious concerns have persisted regarding the functionality of the system. The replacement systems have used the Honeywell Notifier and components in accordance with the District Fire Alarm Master Plan. These project funds in conjunction with State funds have made good progress towards replacing all units throughout both campuses.

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## ENVIRONMENTAL IMPACT REPORT

**West Valley College**  
**Completed Spring 2009**  
**District Services**

The Environmental Impact report is an important working document guiding the activities of the implementation of the Facilities Master Plan. This document meets the requirements of the California Environmental Quality Act, (CEQA) which is a statute that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible.



## CLASSROOM | STUDENT SERVICES UPGRADES

**West Valley College  
Completed Summer 2012**

The Classroom and Student Services upgrades at West Valley College scope of work includes provisions for critical upgrades to many College classrooms and facilities for student services. Work funded under this project included: Library and Art Lab upgrades, Restroom upgrades, Music and PE Classroom upgrades, AAS Classroom upgrades, Theater ADA Plan Review, and Admissions and Records and Counseling upgrades. These upgrades were needed to make classroom spaces usable until full renovations were implemented. They included carpet and painting, lighting and ceiling tile upgrades.



## SURFACE IMPROVEMENTS

**West Valley, Mission College  
Completed Winter  
2015 | Summer 2009**

The Surface Improvement project has addressed many projects covered in the Long Range Development Plan such as the realignment of the main entrance with the Fox Center and associated landscape scope. This project has included the installation of some of the campus wide-way-finding plan signage with more to be completed as the building program progresses.

Projects completed under this line item are; Grand entrance signage, Front entry realignment, Fruitvale Allendale College Landscape and signage project, Landscape Corridor project, Campus perimeter concrete walkways and Campus interior concrete walkways.





**West Valley - Mission**  
Community College District