



CHABOT

LAS POSITAS

**C O M M U N I T Y
C O L L E G E
D I S T R I C T**

**Facilities Modernization
Program**

BOT Study Session Report

**Annual 2013 Measure B
Update**

April 15, 2014



Measure B Program



Chabot-Las Positas Community College District
Facilities Modernization Program
Funded by Measure B
January 31, 2014

Project Funding

	Funding 2006	Funding 2008	Funding 2010	Funding 2012	Funding 2014
Districtwide					
Information Technology & Tech Upgrades	12.2	12.2	11.9	11.9	10.0
Classroom, Lab Equipment, Chabot College	11.7	11.7	11.7	11.7	9.7
Classroom, Lab Equipment, Las Positas College	8.3	8.3	8.3	8.3	7.8
On-Going Maint & Repairs: Roofs, HVAC	8.0	8.0	8.0	8.0	8.0
Program Level Services, District	15.6	15.6	16.0	16.0	15.0
District ITS Data Center Upgrade				0.0	0.0
Sungard Enrollment Management Suite			0.7	0.7	0.7
IBM Enterprise Server-Sungard Banner System			0.5	0.5	0.5
Enterprise ERP Hardware/Software				1.3	1.3
Mitigation Property Clean Up				0.0	0.0
M&O Equipment				1.5	1.5
Warehouse Services				0.0	0.0
Campus Security Equipment					0.1
Dublin Education Center Phase I (property acquisition)			16.1	10.0	10.0
Dublin Education Center Phase II (due diligence)				10.6	0.2
Dublin Education Center Phase III (renovation)				6.1	6.5
Union City Education Center			15.1	4.6	0.1
Site Improvements			0.2	0.2	0.2
Districtwide Multi-Function Copier Equipment				0.8	0.8
Energy Projects			6.4	6.4	5.3
Photovoltaic Solar Project, LPC				6.0	5.5
Property Acquisition - Inman			0.4	0.4	0.4
District Office Debt Service				2.4	5.2
Facilities Master Plan Update				0.5	0.4
District Contingency Fund					1.7
Districtwide Totals	55.9	55.9	95.2	107.7	90.6

Highlighted projects are complete.
 Funding in Millions of Dollars

Program Summary					
Districtwide Totals	55.9	55.9	95.2	107.7	90.6
Chabot College Totals	234.5	252.3	254.1	254.1	264.1
Las Positas College Totals	214.7	230.1	238.3	238.5	248.5
Program Totals	505.1	538.3	587.6	600.3	603.2



Chabot-Las Positas Community College District
Facilities Modernization Program
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January 31, 2014

Project Funding

	Funding 2006	Funding 2008	Funding 2010	Funding 2012	Funding 2014
Chabot College					
Library Building - 100 w/Seismic Strengthening	13.0	4.2	4.2	4.2	7.2
Administration Building - 200	4.0	1.1	1.1	1.1	0.6
Classroom Buildings 300, 500	5.0	13.1	13.1	11.9	10.8
Social Sciences Classrooms, Bldg 500	5.0				
Instructional Office Building 400	20.0	18.0	18.0	18.0	18.4
Classroom Buildings 800, 900, 1000	3.3	5.9	5.9	5.0	5.0
Humanities Classrooms, Bldg 900	2.3				
Art Classrooms & Studios, Bldg 1000	0.7				
Buildings - 1100, 1500, 2000	1.5	7.1	7.2	7.2	0.0
Buildings - 1200, 1300, PAC Plaza	0.7	8.6	8.6	12.0	11.2
PAC/Plaza Building - 1300	4.9				
Industrial Technology Buildings - 1400, 1600	6.0	5.5	6.8	6.8	6.1
Technology Building - 1500	3.2				
Engineering Building - 1600	1.5	1.3			
Science Lecture Hall/Planetarium - 1900	5.0	4.7	4.7	3.3	3.3
Science/Math Building - 2000	4.0				
Health Science Building - 2200	1.8	4.7	4.7	2.8	2.8
Student Union/Cafeteria Building - 2300	7.0	4.4	4.4	4.4	0.4
Physical Education Complex Buildings - 2500	2.4				
PE Health/Faculty Offices & Classrooms, Bldg 2600	2.2				
PE Classroom & Labs, Bldg 2700	4.2				
PE Classroom & Labs, Bldg 2800	5.3				
Physical Education Classroom, Bldg 2900	5.7				
Building 3600 Butler Bldg.	0.7				
Community and Student Services Center, Bldg 700	47.0	38.7	38.7	37.6	37.1
Physical Education Complex Buildings	6.2	24.3	16.1	21.8	21.8
Athletic Fields/Tennis Courts	10.0	7.0	7.0	7.0	7.1
Grand Court	2.0	1.7	1.7	1.7	0.0
Temporary Faculty Offices	1.0	1.6	1.6	1.5	1.5
Classroom/Lab Equipment & Library Materials	15.0	14.6	14.6	14.6	14.5
Mechanical Conversion Deferred Buildings	5.0				
Central Plant (Mech Conv Def Bldgs/IT Infrastructure)	17.5	28.2	28.2	27.9	26.3
Performing Arts Theater Expansion	2.5				
Performing Arts Entry Plaza	1.5				
Parking Lots A & B and G & H	14.0	11.5	10.2	10.2	9.4
Swimming Pool	2.4	2.2	2.2	2.2	2.2
Miscellaneous Site Work/Campus Security	1.0	3.2	3.2	3.2	2.4
B100 TV Studio					0.2
Classroom Buildings - 1700, 1800		10.5	10.5	10.5	10.5

Biological Classrooms & Labs - 2100					0.4
New Biology Renovation - 2100					20.0
Building 3400, Automotive Technology				2.0	1.9
Building 3500, Early Childhood Center		0.1	0.1	0.1	0.1
Building 3800, Bookstore/Energy		4.3	4.3	4.3	4.3
Chabot Hesperian Landscape					1.7
PE Complex - Strength & Fitness Center, Bldg 4000			8.1	6.8	6.8
Campus Repairs/Small Projects		4.5	4.5	4.5	6.8
CC Project & Construction Management		8.3	8.3	8.3	7.9
IT Infrastructure					
Soccer Field Improvements			1.3	1.0	1.0
Parking Lot Security and Marquee					0.8
Maintenance & Operations Facility		0.2	0.2	0.2	0.2
Campus Signage					0.4
Photo Voltaic Project		12.8	14.6	12.3	12.3
Seismic Upgrades					1.2
Sustainability					0.1
Chabot College Totals	234.5	252.3	254.1	254.1	264.2

Highlighted projects are complete.
Funding in Millions of Dollars



Chabot-Las Positas Community College District
Facilities Modernization Program
Funded by Measure B
January 31, 2014

Project Funding

	Funding 2006	Funding 2008	Funding 2010	Funding 2012	Funding 2014
Las Positas College					
Multi-Disciplinary Education Building	6.3	6.4	6.4	6.7	6.7
Child Development Center	19.0	19.1	14.9	14.0	14.0
College Center for Arts	51.0	46.1	47.4	46.6	46.5
Science & Technology	8.0	15.0	17.5	17.9	15.3
PE Complex (Gym)	1.5	1.6	1.4	1.4	1.4
Student Services & Central Administration	64.0	43.0	43.0	43.0	34.7
Renovations	15.8	10.9	4.0	8.0	3.4
Maintenance and Operations Facility	3.0	7.7	8.0	8.0	7.9
Parking Lot #6	0.6	1.0	1.0	1.0	1.0
LPC Instructional Equipment	5.0	5.0	5.0	5.1	4.8
Districtwide Information Technology Building	4.8	6.9	7.2	7.2	6.9
Campus Entry Enhancements	1.0	1.0	1.0	1.0	0.1
Campus Boulevard Phases I-III	3.0	2.8	2.8	3.2	2.6
Parking Lot Upgrades	5.0				
PE Phase III/Collier Creek (Outside Loop Road)	12.0	8.0	10.2	9.7	9.6
Aquatic Center & Soccer Fields	14.7	13.4	13.8	13.8	13.5
Multi-Disciplinary Education Building - Repairs			2.4	2.7	0.9
PE Complex (Gym) - Repairs			2.2	1.6	0.4
Buildings - 500, 600, 700, 1700 Renovations			4.0	4.0	3.7
Bldgs 100,700,900,1300,1700 Renovate/Repurpose					1.0
Library, Building 2000 Remodel		0.1	0.1	0.1	5.1
Building 100A-Construction		0.2	0.2	0.2	0.2
New B100, Academic Building					27.4
Campus Repairs (Exterior Paint & Fencing)		0.1	0.1	0.1	0.1
Central Utility Plant		12.4	12.4	12.4	11.7
LPC Program & Construction Management		8.3	8.3	8.3	8.3
EIR Services		4.9	4.9	4.9	4.6
Utilities Infrastructure Upgrade		1.2	1.2	1.2	0.6
Parking Lot H & Solar PV System		13.3	15.7	13.3	13.3
Fire Alarm/Security Upgrade		0.7	3.1	3.1	2.7
Collier Creek Storm Water Outfall		1.0			
Las Positas College Totals	214.7	230.1	238.3	238.5	248.5

Highlighted projects are complete.
 Funding in Millions of Dollars



Projects Completed in 2013

CHABOT COLLEGE

Building 2100 Cadaver Room Remodel



Project Team:

Architect: HMC Architects

Construction Manager: Parsons Brinckerhoff

Contractor: Southland Industries, Inc.

Project Description:

Remodel rooms 2102B & 2102C to accommodate New Cadaver room. Replace existing mechanical system, provide new sink, cabinetry, refrigerator, and CCTV system for teacher monitoring of students inside cadaver room and in classroom. Remodel existing cadaver room into new computer room. All new computer tables, chairs, and cabinetry for student and faculty use.

Project Update:

Project completed in January 2014. Punch list is completed.

Design Start: 06/2013 - Complete

DSA Permit Approval:

Construction Start: 09/2013 - Complete

Occupancy: 01/2014 - Complete

CHABOT COLLEGE Building 3400- BMW



Project Team:

Architect: Charles Ham Associates

Construction Manager: Swinerton Management & Consulting, Inc.

Contractor: BHM

Project Description:

Renovate the former print shop to accommodate the BMW Autotech Training Program. Work includes installing 4 new roll-up doors, seismic strengthening, new roofing, vehicle lifts and alignment rack, along with upgraded electrical and mechanical systems.

Project Update:

Construction began March 2013, and the building is now occupied. Contractor achieved substantial completion 11 weeks ahead of schedule. The contractor is working on punchlist and closeout activities.

Design Start: 10/2011 - Complete

DSA Permit Approval: 11/2012 - Complete

Construction Start: 03/2013 - Complete

Occupancy: 08/2013 - Complete

CHABOT COLLEGE

Performing Arts Center/ B1200



Project Team:

Architect: IBI Group

Construction Manager: Swinerton Management & Consulting, Inc.

Contractor: West Bay Builders, Inc.

Project Description:

The Performing Arts Center B1200 project consists of major renovations to buildings 1200 and 1300 as well as a new addition to B1200 for a recording studio. The project also includes a music technology classroom and modifications to the adjacent plaza to include an outdoor stage.

Project Update:

The project is substantially complete and occupied. Contractor is working on punchlist and close out activities.

Design Start: 04/2010 - Complete

DSA Permit Approval: 05/2011 - Complete

Construction Start: 10/2011 - Complete

Occupancy: 01/2013 - Complete

CHABOT COLLEGE

Building 1800



Project Team:

Architect: Steinberg Architects

Construction Manager: Swinerton Management & Consulting, Inc.

Contractor: D L Falk

Project Description:

The project modernizes inefficient classrooms and instructional spaces in the building and provides expanded technical and media services. The scope of work includes the installation of all new finishes, AV equipment, HVAC Systems, telecommunication, electrical system upgrades. This project includes landscaping upgrades and building exterior improvements.

Project Update:

The building is substantially complete and occupied. Completion of the punch list is in progress.

Design Start: 05/2008 - Complete

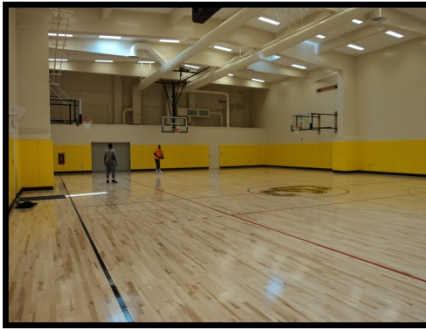
DSA Permit Approval: 04/2011 - Complete

Construction Start: 10/2011 - Complete

Occupancy: 01/2013 - Complete

CHABOT COLLEGE

Physical Education Complex Buildings



Project Team:

Architect: Stafford King Wiese

Construction Manager: Swinerton Management & Consulting, Inc.

Contractor: Jeff Luchetti Construction

Project Description:

The physical education complex project consists of renovations to buildings 2500, 2600, 2700, 2800, and 2900. A portion of B2800 has been allocated to house the new central plant equipment. An innovative phasing plan has been developed to allow classes and athletic competitions to continue during the entire construction process.

Project Update:

The project is now substantially complete and occupied. Exterior gates, fences and landscaping remain to be completed.

Design Start: 06/2006 - Complete

DSA Permit Approval: 02/2011 – Phase II

Construction Start: 07/2011 thru 05/2013 – Phased - Complete

Occupancy: 08/2011 thru 01/2014 – Phased - Complete

LAS POSITAS COLLEGE

Student Services & Central Administration



Project Team:

Architect: Steinberg Architects

Construction Manager: Parsons Brinckerhoff

Contractor: Zovich Construction

Project Description:

The Student Services and Central Administration project (SSA), will consolidate various student services functions now located across the college, including counseling, admissions and records, financial aid, career / transfer center, articulation, DSPS, Veterans and International student support, student government, services for seniors, the health center, cafeteria and bookstore.

Project Update:

Substantial Completion was issued on March 6, 2013. Punch lists have been complete. The building is occupied with moves completed. Parking lot C has been repaved and is open. The new cafeteria is fully functional and started serving food beginning of Fall semester.

Design Start: 06/2009 - Complete

DSA Permit Approval: 11/2010 - Complete

Construction Start: 02/2011 - Complete

Occupancy: 03/2013 - Complete

LAS POSITAS COLLEGE Science Buildings 1800/1850



Project Team:

Engineer of Record: Kwan Henmi Architecture/Planning

Construction Manager: Parsons Brinckerhoff

Contractor: Phase 1-Bay Cities Paving and Graving
Phase 2- Broward Builders, Inc.

Project Description:

The project will consist of a new 12,000 sf, two story structure located adjacent to the current Science Building (Building 1800). The new building will contain 4 new “wet labs” for biology on the first floor, and a “dry lab” for engineering graphics. The second floor will contain 4 classrooms. The building is being designed to achieve LEED Silver certification.

Project Update:

New Science Building 1850 is Complete, Punch List work is complete.
Building 1800 Remodel is Complete. Punch List work is complete.

Design Start:

05/2009 - Complete

DSA Permit Approval:

Increment 1 6/2010; Increment 2 08/2010 - Complete

Construction Start:

Increment 1 9/2010; Increment 2 12/2010 - Complete

Occupancy:

08/2012 - Complete

LAS POSITAS COLLEGE Campus Boulevard Phase I-III



Project Team:

Architect: David Gates and Associates

Construction Manager: Parsons Brinckerhoff

Contractor: Suarez & Munoz Construction, Inc.

Project Description:

The Campus Boulevard provides an accessible pedestrian pathway through the campus. An ADA compliant link between the upper and lower campus results from this project.

Project Update:

Project completed in December 2012. Punch list is completed. DSA Certification has been obtained.

Design Start:	04/2011 - Complete
DSA Permit Approval:	02/2012 - Complete
Construction Start:	05/2012 - Complete
Occupancy:	12/2012 - Complete



Projects To Complete

CHABOT COLLEGE

Building 1700



Project Team:

Architect: Steinberg Architects

Construction Manager: Swinerton Management & Consulting, Inc.

Contractor: TBD

Project Description:

The project modernizes inefficient classrooms and instructional spaces in the building and provides expanded technical and media services.

The scope of work includes the installation of all new finishes, AV equipment, HVAC Systems, telecommunication, electrical system upgrades, and voluntary seismic upgrade. This project includes Landscaping upgrades and building exterior improvements.

Project Update:

Interior finishes are well underway. Painting is nearly complete and the ceiling grid is being installed.

Design Start:	05/2008 - Complete
DSA Permit Approval:	04/2011 - Complete
Construction Start:	04/2013 - Complete
Occupancy:	08/2014

CHABOT COLLEGE

Learning Resource Center- B100



Project Team:

Architect: Steinberg Architects

Construction Manager: Swinerton Management & Consulting Inc.

Contractor: TBD

Project Description:

The project involves the remodel of the first floor of Building 100.

Project will include interior renovations for computer labs, renovations to the Library, and the Learning Connection.

The project will connect to the new central utility plant.

Project Update:

The design documents are at DSA for review and approval.

Design Start: 10/2012 - Complete

DSA Permit Approval: 06/2014

Construction Start: 08/2014

Occupancy: 06/2015

CHABOT COLLEGE

Hesperian Landscape Project



Before



After

Project Team:

Landscape Architect: David Gates Associates

Construction Manager: Swinerton Management & Consulting, Inc.

Contractor: TBD

Project Description:

Chabot Community College faces directly onto Hesperian Boulevard. The frontage serves as a “front porch” to the campus and provides a perfect opportunity to reflect the latest renovations to the core campus. The goal of this landscape improvement project is to create a unique, vandal-resistant and sustainable entry statement that sets a visual character appropriate for the stature of the campus while also addressing site lines and practicality of maintenance and water conservation

Project Update:

Conceptual designs were presented to a small group grounds maintenance staff in 2012. These representatives brought valuable insight and discussion to the critique of the design and selection of plant material. The modified plans were presented to the Facilities Committee in October of 2012. In this presentation comments were addressed such as consideration to save existing trees, deter vandalism, and reduce maintenance. The design documents are at DSA for review and approval.

Design Start: 2012 - Complete
DSA Permit Approval: Submitted January 2014
Construction Start: TBD
Occupancy: TBD

CHABOT COLLEGE

Parking Lot Security in Lots F, G, H, J



Lot G with Photovoltaic

Project Team:

Architect: tBP/ Architects

Construction Manager: Swinerton Management & Consulting, Inc.

Contractor: Rodan Builders

Project Description:

This project includes the addition of security devices in Parking Lots F, G, H and J. It also includes a reader board in parking lot G at the corner of Hesperian and Depot roads.

Project Update:

The contractor has ordered the specified equipment and has begun installation.

Design Start:	11/2011 - Complete
DSA Permit Approval:	10/2013 - Complete
Construction Start:	02/2014 - Complete
Occupancy:	04/2014

CHABOT COLLEGE

Biology Building 2100



Project Team:

Architect: TBD

Construction Manager: TBD

Contractor: TBD

Project Description:

The existing Biology B2100 requires extensive renovation due to its age and condition (1965). It is envisioned that a renovated B2100 would house Labs and Prep Rooms for use by Biology, Botany and Anatomy. In addition, the Biology Building has Classrooms for Science Lectures, which may be accommodated. Interim housing for the Biology program will be a challenge and various options will be explored.

The exterior landscaping at B2100 provides further possibilities for the Science program with a science landscape corridor or placement of a pond.

Design Start: TBD

DSA Permit Approval: TBD

Construction Start: TBD

Occupancy: TBD

LAS POSITAS COLLEGE

New Academic Building 100



Project Team:
Architect: TBD
Construction Manager: TBD
Contractor: TBD

Project Description:
The new Academic Building is the house of General Education Classrooms and Computer Labs. With the provision of flexible furniture and appropriately sized rooms, new Lecture Classrooms may double as Computer Labs.
Building 100 replaces current college buildings B100/200 and 300 with a state-of-the-art Academic Building with smart classrooms and may be outfitted with Distance Learning provisions.

Design Start: TBD
DSA Permit Approval: TBD
Construction Start: TBD
Occupancy: TBD

LAS POSITAS COLLEGE

Library Remodel – Building 2000



Project Team:
Architect: Noll and Tam Architects
Construction Manager: Parsons Brinckerhoff
Contractor: Mark Scott Construction

Project Description:
The Library Remodel is intended to modify spaces within the building to meet the changing usage patterns and needs of today’s community college student population and faculty. Objective’s are to create two classrooms spaces for library skills programs, expand spaces for small group study, upgrade data and power infrastructure, improve library operations functionality including Acquisition/Technical Processing, management of special collections, check out/in automation, remove accessibility barriers, and updated interiors and furnishings. The renovation is being planned with the consideration of a future Building 2100 replacement project as defined in the current LPC Facilities Master Plan.

Project Update:
Architect has submitted the final construction document to DSA in late November 2013. We have selected a CM at Risk firm for the construction and they will come on board in February 2014. With scheduled construction in June 2014.

Design Start: 06/2013 - Complete
DSA Permit Approval: 03/2014
Construction Start: 06/2014
Occupancy: 12/2014

LAS POSITAS COLLEGE

Small Projects to activate/repurpose buildings emptied by Building 1600



Project Team:

Architect: Charles Ham and Associates

Construction Manager: Parsons Brinckerhoff

Contractor: TBD

Project Description:

Now that the SSA is occupied we have started design meetings with users for Buildings 900, 1310/1320 and 1700. Renovation of these spaces will include relocation of the mail room from B100 to B1700, Print shop from B1000 to B1700 and the Veterans program from B1000 to B1310/1320. Once these are completed B1000 will be demolished as part of the SSA certification with DSA.

Project Update:

Final Design has been approved for B1700, Print Shop, Mailroom and Large meeting space. We have Final Design approval for B1310/1320 - Veterans with submission to DSA this past December 2013. B1000 will be demolished once vacant.

Design Start: 09/2013 - Complete

DSA Permit Approval:

Construction Start: 12/2013

Occupancy: TBD



2012 Facilities Master Plan

LAS POSITAS COLLEGE
Aerial Photo



Before Measure B Bond
Las Positas College - Year of 2004

**LAS POSITAS COLLEGE
Aerial Photo**



**After Measure B Bond
Las Positas College - Year of 2013**

LAS POSITAS COLLEGE Facilities Master Plan



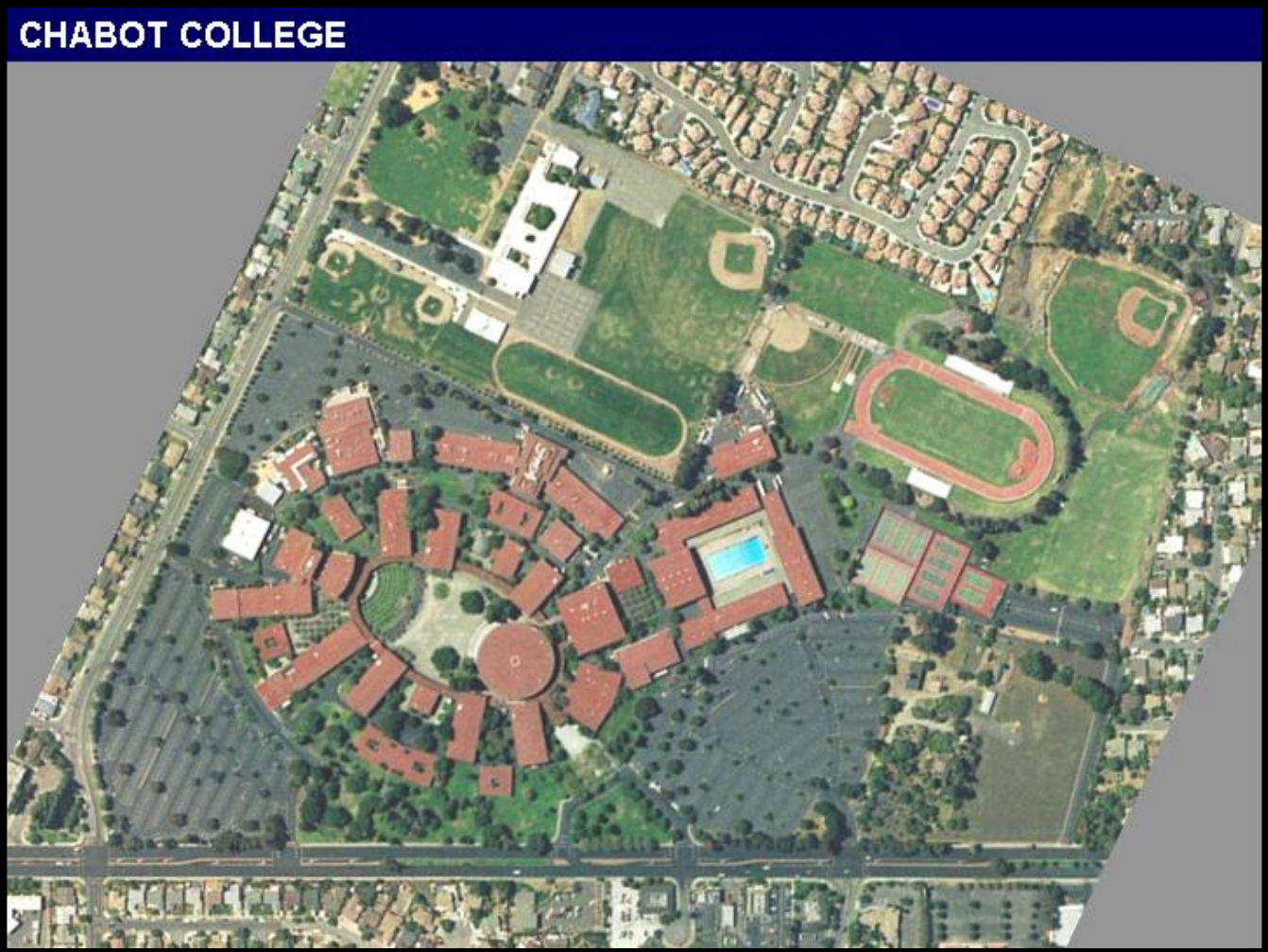
Las Positas College 2012 Facilities Master Plan

BUDGET ANALYSIS

MASTER SUMMARY

Description	RENOVATION	NEW	TOTAL
Construction (Renovation)	\$ 11,150,000	\$ -	\$ 11,150,000
Construction (New)		\$ 144,000,000	\$ 144,000,000
Construction (Expansion)	\$ -	\$ -	\$ -
Construction (Replacement)	\$ -	\$ -	\$ -
Construction (Temporary Facilities)	\$ -	\$ 950,000	\$ 950,000
Construction (Demolition)	\$ -	\$ 677,400	\$ 677,400
Construction (Hazmat Remediation)	\$ 400,000	\$ -	\$ 400,000
Total Construction	\$ 11,550,000	\$ 145,627,400	\$ 157,177,400
Design	\$ 1,150,000	\$ 15,025,200	\$ 16,175,200
Construction Management	\$ 580,000	\$ 7,252,500	\$ 7,832,500
Specialty Consulting	\$ 175,000	\$ 2,213,500	\$ 2,388,500
DSA Plan Check	\$ 115,000	\$ 1,450,500	\$ 1,565,500
DSA Inspection (IOR)	\$ 175,000	\$ 2,213,500	\$ 2,388,500
Testing & Inspections	\$ 115,000	\$ 1,450,500	\$ 1,565,500
Furniture, Fixtures and Equipment	\$ 350,000	\$ 4,371,500	\$ 4,721,500
PROJECT SUB-TOTAL:	\$ 14,210,000	\$ 179,604,600	\$ 193,814,600
Design Contingency	\$ 115,000	\$ 1,475,500	\$ 1,590,500
Bid Contingency	\$ 350,000	\$ 4,371,500	\$ 4,721,500
Construction Contingency	\$ 1,150,000	\$ 14,555,200	\$ 15,705,200
Project Contingency	\$ 350,000	\$ 4,396,500	\$ 4,746,500
TOTAL PROJECT SUB-TOTAL:	\$ 16,175,000	\$ 204,403,300	\$ 220,578,300
Escalation	\$ 2,000,000	\$ 24,618,700	\$ 26,618,700
TOTAL PROJECT BUDGET:	\$ 18,175,000	\$ 229,022,000	\$ 247,197,000

CHABOT COLLEGE
Aerial Photo



Before Measure B Bond
Chabot College - Year of 2004

CHABOT COLLEGE
Aerial Photo



After Measure B Bond
Chabot College - Year of 2013

CHABOT COLLEGE Facilities Master Plan



Chabot College 2012 Facilities Master Plan

Chabot College 2012 Facilities Master Plan Update



BUDGET ANALYSIS

MASTER SUMMARY

Description	NEW	RENOVATION	TOTAL
Construction (Renovation)	\$ -	\$ 32,739,000	\$ 32,739,000
Construction (New) incl Sitework	\$ 182,457,000	\$ -	\$ 182,457,000
Construction (Temporary Facilities)	\$ 3,933,000	\$ -	\$ 3,933,000
Construction (Demolition)	\$ 1,873,000	\$ -	\$ 1,873,000
Construction (Hazmat Remediation)	\$ 2,846,000	\$ 1,310,000	\$ 4,156,000
Total Construction	\$ 191,109,000	\$ 34,049,000	\$ 225,158,000
Design	\$ 18,388,000	\$ 3,404,000	\$ 21,792,000
Construction Management	\$ 9,194,000	\$ 1,702,000	\$ 10,896,000
Specialty Consulting	\$ 2,759,000	\$ 511,000	\$ 3,270,000
DSA Plan Check	\$ 1,840,000	\$ 341,000	\$ 2,181,000
DSA Inspection (IOR)	\$ 2,760,000	\$ 511,000	\$ 3,271,000
Testing & Inspections	\$ 1,849,000	\$ 341,000	\$ 2,190,000
Furniture, Fixtures and Equipment	\$ 5,515,000	\$ 1,022,000	\$ 6,537,000
PROJECT SUB-TOTAL:	\$ 233,414,000	\$ 41,881,000	\$ 275,295,000
Design Contingency	\$ 1,908,000	\$ 341,000	\$ 2,249,000
Bid Contingency	\$ 5,721,000	\$ 1,022,000	\$ 6,743,000
Construction Contingency	\$ 19,078,000	\$ 3,405,000	\$ 22,483,000
Project Contingency	\$ 5,721,000	\$ 1,022,000	\$ 6,743,000
TOTAL PROJECT SUB-TOTAL:	\$ 265,842,000	\$ 47,671,000	\$ 313,513,000
Escalation	\$ 31,888,000	\$ 5,725,000	\$ 37,613,000
TOTAL PROJECT BUDGET:	\$ 297,730,000	\$ 53,396,000	\$ 351,126,000

Measure B Bond Issue Update Report

Doug Horner
Director of Facilities and Bond Program
Chabot-Las Positas Community College District



Sustainable Facilities That Educate

Agenda

- **Measure B Program**
- **Projects Completed – 2013**
- **Projects to Complete**
- **2012 Facility Master Plan**
- **Sustainability**

Program Overview

- Las Positas College
 - 16 Original Projects
 - 15 Added Projects
 - \$248M in Project Value
- Chabot College
 - 37 Original Projects
 - 19 Added Projects
 - \$264M in Project Value

Program Overview

- District

- 5 Original Projects
- 20 Added Projects
- \$91M in Project Value

- Program wide

- 58 Original Projects – 46 Complete
- 54 Added Projects – 39 Complete
- \$603M in Measure B Proceeds
- \$41M in State Funding
- \$5.6M in PGE Rebates / Incentives
- \$501M Spent/Committed to date



Projects Completed 2013 Chabot College



Sustainable Facilities That Educate

Projects Completed 2013

Chabot College

- B2100 Cadaver Room Renovation
- B3400 Automotive Technology, BMW Renovation
- B1200/1300 Performing Arts Renovation
- B1800 Math/Science Renovation
- PE Complex B2500-2900 Renovation

Projects Completed 2013 Las Positas College



Sustainable Facilities That Educate

Projects Completed 2013

Las Positas College

- B1600 Student Services and Administration
- B1800 Science Renovation
- B1850 New Science Building
- Campus Boulevard/ADA Improvements

Projects to Complete

Chabot College

- B2100 Biology Renovation
- B1700 Math/Science
- B100 Library/Learning Connection Renovation
- Hesperian Landscape Project
- Parking Lot Security Project
- Small Projects – Renovate College Spaces

Projects to Complete

Las Positas College

- B100 New Academic Building - Classrooms
- B2000 Library Renovation
- Small Projects – Repurpose College Spaces
- Amphitheater
- Veterans Center

2012 Facility Master Plan

Chabot College - \$351 Million

- B100 New Library
- B2300 New Student Center
- B200 New Civic Engagement Center/Administration
- B2100 New Biology Building
- Seismic Improvements
- Athletic Fields Renovation
- B3000 M&O Renovations/Additions
- Faculty Offices Replacements and Renovations
- B1300 Theater Renovations and Additions
- B3400 Vehicle Storage Annex

2012 Facility Master Plan

Las Positas College - \$247 Million

- B100 New Academic Building - Classrooms
- B300 New Academic/Health Center Building
- B600 New Academic/Computers Building
- B800 New Academic/Welding Building
- B2100 New Library Expansion/Academic Building
- B3400 New Fire Tech/Horticulture/Viticulture Building
- Athletic Fields Development

Sustainability Efforts

Facility Construction

- Board required LEED Silver – New Construction
- EMS – Energy Management System
- Cool Roofs – White membrane w/ 2” Insulation
- Energy Efficient Lighting / Windows
- Central Utility Plants
- Photovoltaic Solar Panels – 3.3 Mega Watts

Sustainability Efforts

Tim Nelson - Director Maintenance and Operations

- Green Cleaning
- Food Waste Composting
- Trash Compacting
- Waste Reduction / Recycling
- EMS – Energy Management System
- Co-Generation Plant

Sustainability Efforts

Water Conservation

- Low Flow Automatic Flush Valves
- Waterless Urinals
- Irrigation Controls
- Irrigation by Well Water at Chabot
- Irrigation by Recycled Water at Las Positas
- Storm Water Retention Systems

CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT

SUSTAINABILITY UPDATE

April 15, 2014

The Colleges

- BOT required, minimum LEED Silver for new construction. Exceeded minimum requirements and achieved LEED Gold and Platinum in six categories
 - Water Efficiency, Energy & Atmosphere, Materials & Resources, Indoor Environmental Quality, Sustainable Site, Innovation & Design Process
- Energy management system, enhanced control of heating, cooling and lighting systems
- Cool roofs, including 2" of added insulation
- Energy efficient lighting
- Central utility plants
 - Central source for hot water and chilled water loops
 - Ice storage allows for efficient night time, off peak, energy use
- Photovoltaic solar energy, 1 mega-watt at Chabot, 2.3 mega-watt at LPC
- Co-generation plant (300KW, Chabot only)
- Active sustainability committee at each college coordinated by campus employees

District Wide Daily Operations

- Green Cleaning
 - Micro fiber system, green chemicals, green certified equipment
- Food waste composting
 - Grounds department places kitchen waste into earth tub to be processed and then added to other compostable materials, such as grass clippings, leaves, and branches to be broken down into usable compost material.
- Trash compacting to reduce dump runs
- Waste reduction/recycling
 - 75% waste reduction
 - Recycle paper, plastic, cardboard
 - Mixed recyclables contracted at \$0 cost

Water Conservation

- Waterless urinals
- Low flow automatic flush valves
- Irrigation controls
 - Computer program operates the irrigation system based on weather station data. This data adjusts the station run times, based on Evapo-Transpiration (ET), wind, solar radiation and temperature.
- Well water for irrigation at Chabot
 - In conjunction with the Computerized Irrigation System, the grounds supervisor and lead worker manage the irrigation usage, day by day, based on weather forecasts and upcoming activities (athletic games, mowing schedules, events).
- Reclaimed water for irrigation at Las Positas
- Storm water retention systems