

Board of Trustees Agenda Item

Board Meeting Date: August 2, 2010

Title of Item: Measures E and C Highlights Update

Background and Analysis:

Executive Director of Facilities, Operations and Construction Management Charles Allen will give a presentation on Measure C highlights at both colleges and a Measure E activity report.

Recommendation: Information

Submitted by:	Executive Director of Facilities, Operations and Construction Management Charles Allen, x 6150
Additional contact names:	
Is backup provided?	Yes



FOOTHILL-DE ANZA
Community College District



Foothill College



De Anza College

Foothill De Anza Community College District Board of Trustees

Activity Report for Measure E & C

August 2, 2010



FOOTHILL-DE ANZA
Community College District



Foothill College



De Anza College

Measure C Highlights Foothill College

August 2, 2010

Foothill College – 100C Pool Plaster and Chemical Systems - Scheduled Maintenance

PROJECT INFORMATION

The scope of work includes demolition of existing pool waterproofing, tile, coping, some concrete decking, and mechanical items in the surge tank and chlorination rooms. Scope of restoration includes new plaster, tile, pool hardware, surge tank waterproofing, mechanical work including a new self priming pump, and complete replacement of the chemical feed system.

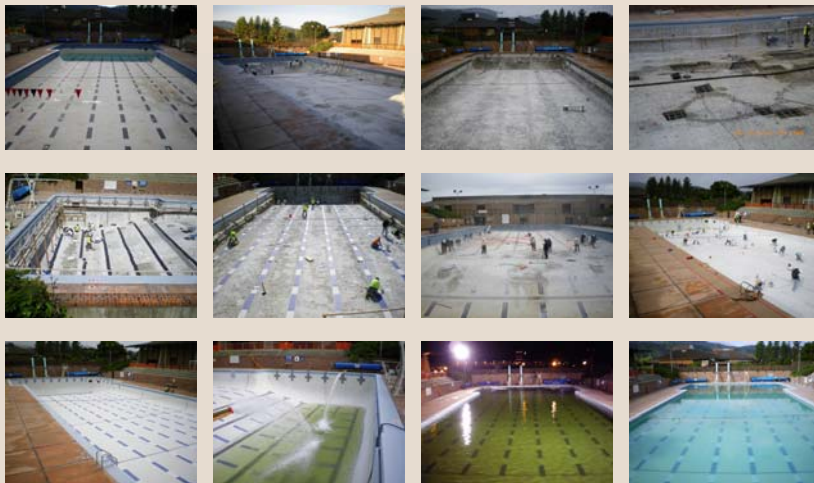
QUICK FACTS

Substantial Completion : April, 2010
 Project Budget: \$1,138,490
 Project Status: Closeout
 Multi-Campus Project: Foothill College - 100C Pool Plaster and Chemical Systems and De Anza College 200B Pool Chlorination System



3

Foothill College – 100C Pool Plaster and Chemical Systems - Scheduled Maintenance



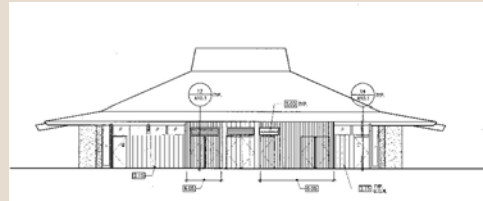
4



Foothill College – 110 - LA General Classroom (Buildings 6200, 6300 and 6500)

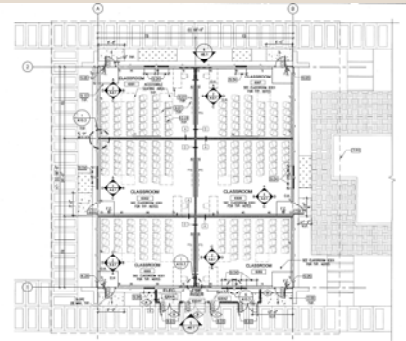
PROJECT INFORMATION

- ❑ **Building 6200:** Conversion of temporary Language Arts Division Office into a multimedia classroom. This project will add building 6200 onto the campus central plant for HVAC. Other work includes upgrades to Mechanical, and Telecommunications Systems.
- ❑ **Buildings 6300 and 6500:** Modernization of existing building including exterior wall additions, interior partitions, interior finishes, patching exterior finishes, restoring interior and exterior finishes, casework, door and hardware replacement, upgrades to Mechanical, Plumbing, Electrical, Fire Alarm and Telecommunications Systems.



QUICK FACTS

Project Completion: Fall, 2011
 Project Budget: \$3,150,779
 Project Status: Design



5



Foothill College – 112 Modernization of Administration Building & General Classrooms

PROJECT INFORMATION

- ❑ **Building 1900:** Modernization of existing building including interior partitions, interior finishes, interior window addition, patching exterior finishes, restoring interior and exterior finishes, casework, door and hardware replacement, ADA upgrades at multiple occupancy toilets, upgrades to Mechanical, Plumbing, Electrical, Fire Alarm and Telecommunications Systems.
- ❑ **Building 5500:** Modernization of existing building including concrete slab on grade addition, subsurface drainage, foundation addition, interior partitions, interior finishes, patching exterior finishes, restoring interior and exterior finishes, roof replacement, door and hardware replacement, glazing addition, upgrades to Mechanical, Plumbing, Electrical, Fire Alarm and Telecommunications System.
- ❑ **Building 6400:** Modernization of existing building including exterior wall additions, interior partitions, interior window additions, exterior window additions, patching exterior finishes, restoring interior and exterior finishes, casework, door and hardware replacement, sanitary sewer addition, upgrades to Mechanical, Plumbing, Electrical, Fire Alarm and Telecommunications Systems.

QUICK FACTS

Project Completion: Spring, 2011
 Project Budget: \$7,673,572
 Status: Construction

PROJECT UPDATE

- ❑ Phase I (Building 5500, 6400 and West portion of 1900) has a substantial completion date of Summer, 2010.
- ❑ Phase II (East half of 1900) substantially complete Winter, 2011.
- ❑ Zolman Construction and Development won the bid with \$4,743,000

6

Foothill College – 112 Modernization of Administration Building & General Classrooms



Active Construction

7

Foothill College – 134 Exterior Signage

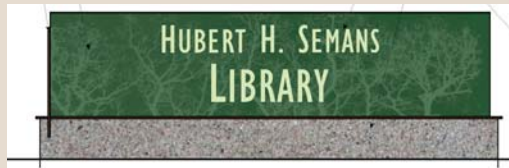
PROJECT INFORMATION

This project consist of the removal, refinishing, replacement and installation of exterior wayfinding signage, monument signs, building ID and room ID signs throughout the Foothill College Campus.

An updated Foothill College signage standard will be created for the use of future project.

QUICK FACTS

Project Completion : Fall, 2010
Project Budget: \$447,530
Status: Construction



8

Foothill College – 134 Exterior Signage



New Signage - Installed

9

Foothill College – 142 Soccer, Softball and Baseball Complex

PROJECT INFORMATION

Complete rebuild of existing soccer and baseball fields to include new artificial turf.

Scope includes:

- ❑ New synthetic turf softball field
- ❑ New natural turf soccer field
- ❑ New synthetic turf practice area for soccer & Futsal field
- ❑ Batting cages
- ❑ Home & visitor dugouts
- ❑ Perimeter fencing and ball stops

QUICK FACTS

Project Completion : Winter, 2011
 Project Budget: \$4,799,799
 Status: Construction



10

Foothill College – 142 Soccer, Softball and Baseball Complex



Site Work

11

Foothill College – 154 Install Photovoltaic Arrays - Campus Wide

PROJECT INFORMATION

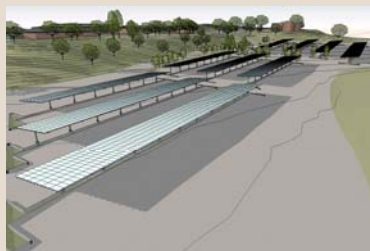
Install Photovoltaic Arrays - Campus Wide

Phase I Scope (Complete):

- ❑ Install new 414kW photovoltaic system mounted on canopy support structures in parking lot 1-H

Phase II Scope:

- ❑ Install new photovoltaic system mounted on canopy support structures in parking lot in lots 2 and 3



QUICK FACTS

Project Completion: Fall, 2010
Project Budget: \$11,704,493
Status: Design

PROJECT UPDATE

- ❑ Delivery Method: Design/Build
- ❑ Contractor: Chevron Energy Solutions
- ❑ Design: February, 2010 - June, 2010
- ❑ Construction: July 2010 - September, 2010

12

Foothill College – 154 Install Photovoltaic Arrays - Campus Wide



Finished PV Canopy (Phase I) – Lot 1H

13

Foothill College – 154 Install Photovoltaic Arrays - Campus Wide



Phase II Rendering of Photovoltaic Arrays in Lot 2/3

14

Foothill College – 160 Physical Sciences and Engineering Center

PROJECT INFORMATION

Provide modern laboratory and support spaces for chemistry, physics, nanotechnology and the Physical Sciences, Math and Engineering Division. The goal for this facility is to obtain a silver rating in the Leadership in Energy and Environmental Design (LEED) Green Building Rating System™.

QUICK FACTS

Project Schedule: Summer, 2007 – Fall, 2012
 Construction Start: Fall, 2010
 Project Budget: \$60,015,002
 Status: Design – Entering Lease-leaseback contract negotiations with Hathaway Dinwiddie
 Awards: Design "Award of Merit" from the Community College Facility Coalition (CCFC)



15



Measure C Highlights De Anza College

August 2, 2010



De Anza College – Completed Projects

Substantially Complete Projects

- 215 - Signage (Phase I): \$802,720
- 224 - Campus Site Lighting (Phase I): \$834,853
- 251 (A) - Install Photovoltaic Arrays - Campus Wide (Phase I): \$1,050,000
- 255 - Auto Technology: \$4,229,600
- 271 - Forum: \$2,155,798
- 272 - EIR: \$43,233
- 200B – Pool Chlorination System: \$235,298

17



De Anza College – 203 Baldwin Winery & East Cottage "Historic Renovation"

PROJECT INFORMATION

Renovate former bookstore to house relocated Print Shop, Financial Aid, and College services. Structural, HVAC and electrical will be addressed to accommodate programmatic needs. Roof will be replaced. Renovate remaining East Cottage. Historical building involving complete makeover from foundation to roof.



QUICK FACTS

Project Completion:	Baldwin: Fall, 2010 East Cottage: TBD
Project Budget:	\$6,162,531
Status:	Construction



18

De Anza College – 203 Baldwin Winery & East Cottage "Historic Renovation"



Baldwin Winery - Active Construction


19

De Anza College – 203 Baldwin Winery & East Cottage "Historic Renovation"




Baldwin Winery - Voluntary Seismic Retrofitting

20



De Anza College – 203 Baldwin Winery & East Cottage

"Historic Renovation"



East Cottage

21



De Anza College – 205 Seminar Building & Multicultural Center

PROJECT INFORMATION

The Project will upgrade and modernize office space and classrooms in the Seminar Building and Multicultural Center at De Anza College. The renovations include upgrades of the interior with a new bathroom; hazardous material abatement; and electrical, mechanical, plumbing and telecommunications improvements and of the exterior with new paint, window and door replacements, and ADA and Title 24 improvements as well as tile roof repairs. The scope of work for Multicultural Center will also include a new building entry and site landscaping and lighting.

QUICK FACTS

Project Schedule:	Winter, 2008 - Fall, 2010
Project Budget:	\$7,057,750
Status:	Construction

The Project is designed to obtain a minimum LEED certification level of "Certified."




22



De Anza College – 205 Seminar Building & Multicultural Center








Seminar Building - Active Construction

23



De Anza College – 205 Seminar Building & Multicultural Center








Multicultural Center - Active Construction

24

De Anza College – 241 S2- S6 Utility Master Plan - Phase I

PROJECT INFORMATION

Continue with Phase II of reconfiguration of the S-2 and S-6 Central Plants and construction of a new condenser plant. Includes upgrades to electrical infrastructure and distribution routing.

- ❑ Improves electrical and HVAC services
- ❑ Electrical upgrade impacts every building on campus
- ❑ Project phased to mitigate campus disruption
- ❑ Construction of remote condenser plant - cooling tower facility

QUICK FACTS

Completion: Fall, 2010
Project Budget: \$14,132,447
Status: Construction

PROJECT UPDATE

- ❑ Buildings S2 and S6 mechanical systems installations are complete.
- ❑ New Condenser Plant is operational with manual control.
- ❑ Underground heating and cooling pipe replacement is 60% complete.
- ❑ New electrical infrastructure 90% complete.
- ❑ Campus wide electrical power shutdown scheduled for the first week of July.
- ❑ Electrical and Mechanical equipment in first phase of commissioning.

25

De Anza College – 241 S2- S6 Utility Master Plan - Phase I



Project Signage – Notification of detours and pedestrian access

26



De Anza College – 241 S2- S6 Utility Master Plan - Phase I




Resurfacing of pedestrian pathways

27



De Anza College – 241 S2- S6 Utility Master Plan - Phase I



Active Construction

28

De Anza College – 255 Auto Technology

PROJECT INFORMATION

Expansion and renovation of exiting auto technology facility.

- ❑ Addition of new teaching lab.
- ❑ New electrical distribution
- ❑ New HVAC systems
- ❑ New roof
- ❑ New outdoor covered work area
- ❑ Improved ADA access



QUICK FACTS

Substantial Completion: November, 2009

Project Budget: \$4,229,600

Status: Closeout

29

De Anza College – 261 Mediated Learning Center

PROJECT INFORMATION

Provide flexible general purpose classrooms and labs for increased instructional space and academic capacity for anthropology, sociology and world languages; technology resource area including broadcast media, film and TV, distance learning and staff development; and support spaces. The goal for this facility is to obtain a platinum rating in the Leadership in Energy and Environmental Design (LEED) Green Building Rating System™.

- ❑ Project split into two bidding packages to gain efficiencies in project schedule.
- ❑ Site development package included site clearing, underground utility infrastructure improvements, road realignment and building pad preparation.
- ❑ Building package includes construction of new two story facility, landscaping and quad.
- ❑ Building design integrates several sustainable elements including photovoltaic panels, thermal hot water with storage, radiant heat first floor corridors and an innovative HVAC system.

QUICK FACTS

Project Schedule: Summer, 2007 - Spring, 2012

Project Budget: \$54,507,008

Status: Site / Road Work - Complete

Awards: Building Design - Division of State Architect

Winner of the Best Overall Sustainable Design at the 2010 (9th annual) CA Higher Education Sustainability Conference



30



De Anza College - Additional Project Highlights

Additional Projects in Design

- 214 - Corporation Yard: \$2,527,709
- 226 - Campus Wide Replacement/Repair of Interior and Exterior Finishes: \$5,241,896
- 230 - Sunken Garden: \$694,897
- 245 - ATC: \$8,482,404
- 252 - Elevator Upgrades - Campus Wide: \$855,795
- 256 - Campus Center Phase II: \$1,700,675

Projects in Procurement

- 217 - Secured Bicycle Storage for Students: \$88,880
- 228 - CDC Playground Maintenance & Upgrade: \$370,661

Active Projects

- 201 - A8: \$2,790,635
- 216 - Learning Center: \$3,839,743
- 251 - Install Photovoltaic Arrays - Campus Wide (Phase II): \$3,197,827

31



De Anza College – 261 Mediated Learning Center

PROJECT INFORMATION

Provide flexible general purpose classrooms and labs for increased instructional space and academic capacity for anthropology, sociology and world languages; technology resource area including broadcast media, film and TV, distance learning and staff development; and support spaces. The goal for this facility is to obtain a platinum rating in the Leadership in Energy and Environmental Design (LEED) Green Building Rating System™.

- Project split into two bidding packages to gain efficiencies in project schedule.
- Site development package included site clearing, underground utility infrastructure improvements, road realignment and building pad preparation.
- Building package includes construction of new two story facility, landscaping and quad.
- Building design integrates several sustainable elements including photovoltaic panels, thermal hot water with storage, radiant heat first floor corridors and an innovative HVAC system.

QUICK FACTS

Project Schedule: Summer, 2007 - Spring, 2012
 Project Budget: \$54,507,008
 Status: Site / Road Work - Complete
 Building Design - Division of State Architect
 Awards: Winner of the Best Overall Sustainable Design at the 2010 (9th annual) CA Higher Education Sustainability Conference



32

De Anza College – 261 Mediated Learning Center

Best Overall Sustainable Design

- ❑ De Anza College's Mediated Learning Center won the Best Overall Sustainable Design award from the 2010 Best Practice Awards Competition for the Energy Efficiency Partnership Program.
- ❑ The Best Practice Awards Competition for the Energy Efficiency Partnership Program seeks to:
 - ❑ Highlight the achievements that the California State University, University of California, and California Community College campuses have made through innovative and effective energy efficiency projects and sustainable operations.
 - ❑ Showcase specific projects and retrofits as models to be used by other campuses to achieve energy efficiency and sustainability goals.
 - ❑ Provide campus staff with a valuable resource of Best Practice projects that they can transfer to their own campus.


33

De Anza College – 261 Mediated Learning Center


Best Overall Sustainable Design




34



FOOTHILL-DE ANZA
Community College District



Foothill College




De Anza College

Foothill De Anza Community College District Board of Trustees

Activity Report for Measure E

August 2, 2010



FOOTHILL-DE ANZA
Community College District

Measure E - Status Report

¹ **Foothill College**

	Budget	Completion Date
Active Projects	\$575,000	2010
176: Minor Improvements	\$200,000	2010
178: Minor Improvements, Ph II	\$375,000	2010
Completed (not financially closed)	\$145,662,852	n/a
Closed	\$1,908,479	n/a
Contingency	\$501,280	n/a
Campus Total	\$148,647,611	

¹ Audit and Finance Committee report for period ending March 31, 2010

36



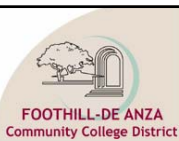
Measure E - Status Report

¹ De Anza College

	Budget	Completion Date
¹ Active Projects	\$3,358,962	2010
283: Combined Site Improvements (Design)	\$736,000	2010
277: Minor Improvements	\$1,110,806	2010
278: Landscaping design Phase II	\$495,634	2010
279: Site Lighting Phase II	\$210,403	2010
280: ADA Transition Plan	\$101,808	2010
281: ATC Central Plant Noise	\$501,461	2010
282: Campus-Wide Coax Replacement	\$202,850	2010
Completed (not financially closed)	\$154,468,545	n/a
Closed	\$751,991	n/a
Contingency	\$42,884	n/a
Campus Total	\$158,622,382	

¹ Audit and Finance Committee report for period ending March 31, 2010

37



Measure E - Status Report

¹ District

	Budget	Completion Date
Active Projects	\$7,912,614	2012
401: New ETS Bldg	\$6,156,406	2012
403: Renovation of District Office Building	\$818,350	2011
415: Equipment & Vehicle Covered Parking	\$195,000	2010
417: Swing Space	\$619,048	2011
418: Landscaping, Exterior Lighting	\$123,810	2011
Completed (not financially closed)	\$6,021,023	n/a
Closed	\$152,358	n/a
Contingency	\$1,040,422	n/a
Campus Total	\$15,126,417	

¹ Audit and Finance Committee report for period ending March 31, 2010

38



Foothill College



De Anza College

Foothill De Anza Community College District Board of Trustees

Next Steps

- 1) Continue to deliver timely renovations and new construction that meets the needs of our students and Faculty
- 2) Avoid litigation
- 3) Update the Facilities Master Plan
- 4) Begin to plan for funding needs to support outstanding requirements that will remain upon completion of Measure C



Foothill College



De Anza College

Foothill De Anza Community College District Board of Trustees

August 2, 2010

Discussion