The ‘Measure L’ Construction Program

Presented to the Citizens’ Oversight Committee
November 16, 2015

Presented by
Bill Winslow
Program Manager, Bernards
Summary

- Chaffey College Mission Statement and Core Values
- Board Policy
- Completed Projects 2002-2015
- Chino Campus
- Fontana Campus
- Rancho Cucamonga Campus
- Financials
- Questions

An estimated 350,000 square feet of new facilities and a multitude of completed site improvement projects have made a significant contribution towards improving the physical learning environment.
Chaffey College improves lives within the diverse communities it serves through equal access to quality occupational, transfer, general education, and foundation programs in a learning-centered environment where student success is highly valued, supported, and assessed.
Chaffey College Core Values

 Student Success
 Educational Excellence
 Climate of Inclusion and Respect
 Dynamic Student Services
 Responsiveness to the Community
 Environmental Responsibility
Board Vision

Continually improve the infrastructure and physical learning environment of the district, support student learning programs and services, and integrate physical resource planning with institutional planning.
### Completed Projects 2002–2015

#### (Partial Listing)

- Renovate/Paint Auto Tech Lab
- Infrastructure/Campus Theme
- Environmental Impact Report
- Renovate Athletics Office
- Scoreboards
- Snack Bar
- Track & Field Timer
- Stadium Flag Pole
- Rad Tech Retrofit
- San Antonio Comm. Hosp./CNA
- Master Plan (Chino)
- Vocational Education – Phase I
- Wargin Hall – Phase I
- Visitor’s Restroom / ADA Access
- Science Complex Site work
- Theater Fire Alarm
- Bookstore Loading Dock
- North Parking Lot Irrigation
- North Parking Lot Landscaping
- ATL Landscaping
- Nature Preserve Fence
- Central Plant Phase IA
- Central Plant Phase IB
- College Drive
- Softball Field
- Ralph M. Lewis Center (Fontana)
- Wilson/College Drive Intersection
- Marie Kane Center for Student Services/ Administration (SSA)
- Theatre – Phase I
- North Parking Lot
- Science Complex
- Don Berz Excellence Building
- College Drive Landscaping
- Maintenance Yard Drainage
- Agricultural Demonstration Area
- Skills Road Extension
- Fire Lane/Science Site Lighting
- New Marquee
- Physical, Health, and Life Science
- Health and Life Science Re-Roof
- Main Instructional Building (Chino)
- New Elevator Tower
- Parking Lot 12
- Health Sciences Bldg. (Chino)
- Community Center Bldg. (Chino)
- Library Lawn
- Landscaping (Fontana)
- Parking Lot Upgrades (Fontana)
- Chino Health Science Parking Lot
- Language Arts/Social Science
- Energy Project
- Data and Telecom Cabling
- Sports Complex
- Visual and Performing Arts Complex
- Visual and Performing Arts Complex Landscape Addition
- Math Success Center & Physical Science Renovations
- Physical Education Facility Gym Renovation
- Aviary Landscape
- Central Plant Build Out – Phase 1C – Hot Water Upgrades
- Fire Alarm Upgrades – Campus Center East, IT, and Planetarium
- Fontana Academic Center
- Michael Alexander Campus Center
- Business Education Renovation
- Greenhouse
- Health Science Pathway
- North Parking Lot – Catch Basin Addition
- Physical Education Athletics Parking Lot
- Library Security Cameras
District Campuses
Aerial View
September 2011
Fontana Campus

COC Presentation

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Aerial View

September 2011
Aerial View
September 2011
Completed Projects in 2015

Business Education Re-Roofing

View of the Business Education building looking south west

The project scope includes the removal of the existing roof and installation of a new, single-ply PVC roof system. The PVC roof will emulate the appearance of a standing metal seam roof system and will match other roof installations on campus.
Projects in Construction in 2015

Central Plant Build Out

Phase 1C – Thermal Energy Storage (TES) Tank

The existing Central Plant facility was built in 2006. The chillers and boilers provide for the cooling and heating needs through an underground infrastructure piping system on the campus.
Projects in Construction in 2015
Central Plant Build Out
Phase 1C – Thermal Energy Storage (TES) Tank

The new TES Tank will provide for the increased cooling needs, maintain redundancy in the chilled water system, and provide savings by shifting electrical demand to the off hours of operation.
Projects in Construction in 2015

Central Plant Build Out
Phase 1C – Thermal Energy Storage (TES) Tank

The foundation pad ready for concrete.

The foundation pad ready for the tank installation.
Due to the energy saving aspects of the electrical load shift, this project qualified and has been accepted into the Southern California Edison (SCE) Permanent Load Shifting Program. Projected incentives from SCE are over $700,000.
Projects in Construction in 2015
Central Plant Build Out
Phase 1C – Thermal Energy Storage (TES) Tank

Exterior painted view of the TES tank ready for insulation and a metal jacket covering

Interior painted view of the water piping of the TES Tank
Projects in Planning

Theatre Wings Renovation - East and West

Project Budget: $2,803,600

Project Scope: This facility will be upgraded to provide modern instructional space. Renovations will include electrical, plumbing and HVAC upgrades, new finishes (paint/flooring), accessibility improvements, new lighting, and restroom renovations.
Projects in Planning

Museum Renovation

Project Budget: $1,540,000

Project Scope—the existing Museum/Gallery will be upgraded and renovated to provide modern gallery space and instructional facilities. The renovations will include new HVAC, new patio sun shade structure, new gallery lighting, moveable gallery walls, and accessibility improvements.
Projects in Planning

Campus Center East Plaza

Project Budget: $1,925,400

Project Scope—to provide an exterior gathering location for students and staff. The project will include a new plaza area with landscape and irrigation; the modification of traffic routes for service vehicles to the bookstore, MACC building, and costume shop; and the relocation of parking and Access drop-offs to the adjacent OmniTrans parking lot.
Projects in Planning

Planetarium Renovation
Project Budget: $1,068,000
Project Scope-this facility will be upgraded to provide modern instructional space. Renovations will include electrical and lighting upgrades, upgrades to HVAC and Data & Telecom, accessibility improvements, new finishes (paint/flooring), and a new digital projection system.
Projects in Planning

Campus Center Shade Structure

Project Budget: $3,105,400

Project Scope—this project encompasses the installation of a steel frame shade structure located east of the MACC in the center Quad area to provide for additional dining and gathering space for students. Improvements will include photovoltaic panels, new snack kiosk, audio system, and lighting for evening events.
Projects currently in the close out process with the Division of the State Architect:

- College Drive (Alterations to Amber Lane)

Projects recently closed and certified with the Division of the State Architect:

- Michael Alexander Campus Center
- All other projects in the Measure L Bond Program have been successfully closed and certified with the Division of State Architect.
## Completed Projects 2009-2012
### Partial Listing

<table>
<thead>
<tr>
<th>Project (valued over $1.0 Million)</th>
<th>% Comp.</th>
<th>Original Contract</th>
<th>Approved Change Order</th>
<th>Revised Contract</th>
<th>% of CO</th>
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<tbody>
<tr>
<td>Visual and Performing Arts Complex</td>
<td>100%</td>
<td>$22,145,000</td>
<td>$2,211,142</td>
<td>$24,356,142</td>
<td>9.98%</td>
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<tr>
<td>Community Center/Health Science Buildings (Chino)</td>
<td>100%</td>
<td>$18,488,837</td>
<td>$391,120</td>
<td>$18,879,957</td>
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<td>Sports Center</td>
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<td>$8,560,543</td>
<td>$508,104</td>
<td>$9,068,647</td>
<td>5.94%</td>
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<td>Academic Center (Fontana)</td>
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<td>$7,305,036</td>
<td>$533,970</td>
<td>$7,839,006</td>
<td>7.31%</td>
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<tr>
<td>Michael Alexander Campus Center</td>
<td>100%</td>
<td>$6,686,215</td>
<td>$216,270</td>
<td>$6,902,485</td>
<td>3.23%</td>
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<td>Gym Renovation</td>
<td>100%</td>
<td>$4,694,000</td>
<td>$465,507</td>
<td>$5,159,507</td>
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<td>Business Education Renovation</td>
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<td>$3,155,168</td>
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<td>Physical Science and Math Success Center Renovation</td>
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<td>$2,988,289</td>
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<td>Language Arts/Social Science Energy Project</td>
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<td>$2,803,828</td>
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<td>Parking Lot Upgrades (Fontana)</td>
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<td>$1,089,000</td>
<td>$42,618</td>
<td>$1,131,618</td>
<td>3.91%</td>
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Summary of Funds

COC Presentation
November 16, 2015

Program Funds
(Includes Rancho Cucamonga, Fontana and Chino Campuses)

- Bond Refinance Proceeds, $2,300,000
- Original Measure L Bond, $229,830,000
- Accrued Bond Interest, $17,946,923
- Other Funds, $75,066,207

<table>
<thead>
<tr>
<th>Fund Source</th>
<th>Amount</th>
<th>Percentage of Total</th>
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<tr>
<td>Original Measure L Bond</td>
<td>$229,830,000</td>
<td>70.69%</td>
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<td>Bond Refinance Proceeds</td>
<td>$2,300,000</td>
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<td>Accrued Bond Interest</td>
<td>$17,946,923</td>
<td>5.52%</td>
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<td>Other Funds</td>
<td>$75,066,207</td>
<td>23.09%</td>
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<tr>
<td>Total Program Funds</td>
<td>$325,143,130</td>
<td>100.00%</td>
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Measure L Bond Funds
(Includes Rancho Cucamonga, Fontana and Chino Campuses)

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<td>Bond Refinance Proceeds</td>
<td>$2,300,000</td>
<td>0.92%</td>
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<tr>
<td>Accrued Bond Interest</td>
<td>$17,946,923</td>
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<td>Total Measure L Bond Funds</td>
<td>$250,076,923</td>
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# Remaining Funds

## Program Funds

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<th>Amount</th>
<th>Percentage</th>
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<tr>
<td>Total Program Funds</td>
<td>$325,143,130</td>
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<tr>
<td>Committed (Expensed or Encumbered)</td>
<td>$302,496,783</td>
<td>93.03%</td>
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<tr>
<td>Allocated to Projects</td>
<td>$18,497,183</td>
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<tr>
<td>Remaining Balance</td>
<td>$4,149,164</td>
<td>1.28%</td>
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## Measure L Bond Funds

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<tbody>
<tr>
<td>Total Measure L Bond Funds</td>
<td>$250,076,923</td>
<td>100.00%</td>
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<tr>
<td>Committed (Expensed or Encumbered)</td>
<td>$227,633,814</td>
<td>91.03%</td>
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<td>Allocated to Projects</td>
<td>$18,293,945</td>
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<tr>
<td>Remaining Balance</td>
<td>$4,149,164</td>
<td>1.66%</td>
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Questions?