LOS ANGELES COMMUNITY COLLEGE DISTRICT
BOARD OF TRUSTEES
FACILITIES MASTER PLANNING & OVERSIGHT COMMITTEE
Educational Services Center
Board Room – First Floor
770 Wilshire Boulevard
Los Angeles, CA 90017
Wednesday, April 19, 2017
4:45 p.m. – 6:15 p.m.

Committee Members
Mike Eng, Chair
Ernest H. Moreno, Vice Chair
Mike Fong, Member
Scott J. Svonkin, Board Alternate
Thomas Hall, Staff Liaison
Monte E. Perez, College President Liaison
Erika A. Endrijonas, College President Liaison Alternate

Agenda
(Items may be taken out of order)

I. ROLL CALL

II. PUBLIC SPEAKERS*

III. ITEMS WITH A MOTION REQUIRED

Request to approve the design of the Expanded Automotive and Central Plant Expansion projects at Los Angeles Pierce College

IV. INFORMATIONAL ITEMS

A. Security and safety update – William Ramirez, LACCD

B. Measure CC Implementation Efforts to date.

C. Active Construction Summary.

V. SUMMARY – NEXT MEETING ................................................................. Mike Eng
VI. ADJOURNMENT

*Members of the public are allotted three minutes time to address the agenda issues.

If requested, the agenda shall be made available in appropriate alternate formats to persons with a disability, as required by Section 202 of the American with Disabilities Act of 1990 (42 U.S.C. Section 12132), and the rules and regulations adopted in implementation thereof. The agenda shall include information regarding how, for whom, and when a request for disability-related modification or accommodation, including auxiliary aids or services may be made by a person with a disability who requires a modification or accommodation in order to participate in the public meeting. To make such a request, please contact the Executive Secretary to the Board of Trustees at 213/891-2044 no later than 12 p.m. (noon) on the Tuesday prior to the Committee meeting.
Date: April 14, 2017

To: Facilities Master Planning and Oversight Committee:
   Mike Eng, Chairperson; Ernest H. Moreno, Vice Chairperson; Mike Fong,
   Member, Scott J. Svonkin, Alternate

From: Thomas Hall, Interim Chief Facilities Executive

RE: April 19, 2017 Facilities Master Planning and Oversight Committee (FMP&OC)
Meeting

Please find attached the following Background Materials for Items listed on the April 19,
2017 Agenda:

   III. ITEMS WITH A MOTION REQUIRED

   Request to approve the design of the Expanded Automotive and Central Plant
   Expansion projects at Los Angeles Pierce College.

   - Print of PowerPoint presentation

   IV. INFORMATIONAL ITEMS

   B. Measure CC Implementation Efforts to date.

   - Attachment A “Affordable Education/JobTraining/Classroom Safety
     Measure,” and “Project List Review Timeline.”

   C. Active Construction Summary.

I will be joined by staff at the meeting to discuss these items. Please feel free to call me
at (213) 891-2119 if you have any questions.

cc: Dr. Francisco C. Rodriguez, Chancellor
    Paul Steinke, Program Director, BuildLACCD Program Management Office
Los Angeles Pierce College
Expanded Automotive
Central Plant Expansion

April 19, 2017
Facilities Master Planning and Oversight Committee
Campus Map

Expanded Automotive

Expanded Central Plant

Scale: NTS
# PROJECT DESCRIPTION

## Expanded Automotive
- Instructional Spaces
- Single Story
- 20,000 Square Feet
- Concrete Block
- Steel Roof
- Fully Sprinklered

### Schedule
- **Design Completion:** April 2018
- **Construction Start:** January 2019
- **Project Occupancy:** October 2020

### Project Cost
$37,170,120

## Expanded Central Plant
- 2 New Modular Chiller Units
- Pad-mounted
- 700 Ton Capacity

### Schedule
- **Design Completion:** April 2018
- **Construction Start:** January 2019
- **Operational:** April 2020

### Project Cost
$6,865,673
Modular Chiller Location
Modular Chiller Location
PROGRAM DESCRIPTION
Automotive Department for Alternative Fuel Vehicles

INSTRUCTIONAL SPACES
- 3 Automotive Labs (9 Double Bays)
  - Alternative Fuels Lab
  - Advanced Diagnostics Lab
  - Hybrid Technology / Electric Vehicle Lab
- 2 Classrooms
- Faculty / Adjunct Offices
- Support Spaces
- Vehicle Storage for 90 Vehicles
- 10 Level II Electric Charging Stations:
  - **CHAdeMO Electric Charging Station**
    (Honda, Kia, Mitsubishi, Nissan, Subaru, Toyota)
  - **Combined Charging System (CCS) Charging Station**
    (BMW, Daimler, Ford, General Motors, Hyundai, Volkswagen)
  - **Tesla Supercharger Charging Station**
Floor Plan

Faculty Office & Workroom

Adjunct Faculty Office

Toilet Rooms & Ancillary Spaces

Classrooms

Covered Automotive Bays

Alternative Fuels Lab

Advanced Diagnostics / Emissions Lab

Hybrid Technology / Electric Vehicle Lab

Tool Storage

Exterior Covered Walkway

Scale: NTS
SUSTAINABLE GOAL
Expanded Automotive
LEED Certified

SUSTAINABLE FEATURES

Energy Efficient Strategies
• 20% - 24% Energy Savings
• Optimized Energy Performance
• Enhanced Commissioning
• Heat Island Effect (Non-roof) Reduction
• LED Lighting

Water Use Reduction
• Water Use Reduction
• Water Efficient Landscaping
• Drought Tolerant Planting

Materials Strategies
• Recycled Materials
• Regional Materials
• Construction Waste Management

Interior Environments
• Low VOC Interior Materials
• Low Maintenance & Durable Materials
• Indoor Chemical Pollutant Source Control
Campus Vicinity Plan

Existing Automotive Building

Expanded Automotive Building
Site Plan

Expanded Automotive Building

Scale: NTS
Conceptual Views

Southeast Aerial View
Conceptual Views

View of Covered Walkway
Conceptual Views

View of A – Typical Landscaping, B – Classroom Entrance, C – Exterior Auto Bays, D – Front of Building (from Southeast)
Q & A
“Affordable Education/Job Training/Classroom Safety Measure,” (Measure CC)

- WHAT IS IT?
  - **Repair/Upgrade; Acquire and Construct:**
    - campus safety and security systems;
    - technology systems and cyber security;
    - buildings, classrooms, science labs;
    - handicapped accessibility;
    - earthquake safety;
    - underground utilities (gas, water, sewer);
    - job training equipment
    - equipment and systems (e.g., electrical; HVAC, etc.)
  - to create and improve vocational and career education opportunities for veterans, firefighters, paramedics, nurses, police, and other students.

- WHY IS IT NEEDED?
  - **Buildings, Classrooms, Science Labs, and Job Training Equipment** are deteriorating and outdated.
    Make urgent and basic repairs: (e.g., removing asbestos and lead paint; upgrading electrical wiring; gas and sewer lines; fixing leaky roofs; and improving earthquake safety). Based on the State’s Facility Condition Index (FCI) Report, **$1 billion alone is needed** to bring LACCD’s facilities up to current state-mandated standards.

- LOCAL IMPACT OF IT?
  - Ensure access to an affordable and quality college education and job training programs in their communities for local students, veterans, and workers.
  - Our local community colleges provide essential job training – successfully preparing students to become part of our local workforce. This measure will **upgrade: classrooms, facilities, and technology** to expand access to training programs that help students **learn new skills and find better paying jobs** in manufacturing, biotech, nursing, engineering, and other high-demand careers.

Attachment “A”
Project List Review Timeline (Meetings and Events Moving Forward)

March
- 3/3 - Mtg. with Chancellor and Presidents
- 3/7 - Bond Steering
- 3/9 - PMO / Presidents Mtgs. begin
- 3/17 - PMO / Presidents Mtgs. Complete
- 3/21 - Mtg. with Chancellor & Executive Staff
- 3/20 - FPD / PMO Workshop
- 3/22 - FMPOC Meeting
- 3/31 - Updated Lists from Presidents

April
- 4/6 - FPD / PMO Discuss Comments
- 4/11 - Bond Steering
- 4/12 - PMO / Presidents Mtgs. begin
- 4/21 - PMO / Presidents Mtgs. Complete
- 4/19 - FMPOC Meeting
- 4/14 - Presidents Meeting
- 4/12 - Chancellor's Cabinet

May
- 5/2 - Bond Steering
- 5/4 - FPD / PMO Draft Complete "Plan"
- 5/12 - Presidents Meeting
- 5/24 - Presentation to FMPOC of "Plan"
- 6/7 - Presentation at Board Mtg. of "Plan"

Print Date: March 30, 2017
Project List Review Timeline (Prior Meetings and Events)

11/8/16 – Measure CC Passes

1/6 – Mtg with Chancellor, Legal & Executive Team

1/11 – Board Meeting Acceptance of Election Results

1/13 – Chancellor's Retreat

1/18 – Chancellor's Cabinet

1/25 – FMPOC Meeting

2017

January

February

2/22 – FMPOC Meeting

2/24 – PMO/FPD Mtg - Information Due from Colleges

3/1 – PMO/FPD Mtg

2/7 – Mtg with Chancellor, Legal & Executive Team

2/3 – Presidents Mtg.

2/1 – College Training

1/31 – Bond Steering

Print Date: March 30, 2017

DRAFT FOR DISCUSSION PURPOSES ONLY
| # | Project # | Project Name | Project Status | Contract Type | Physical % Complete | Total Project | Current Design Only Funding | Current Construction Only Funding | Current Design Only EAC | Current Construction Only EAC | Variation in Current Construction Only EAC | Variation in Current Construction Only EAC EAC | Total Change to Date | Current Cost Risk | Current Substantial Completion | Current Academic Occupancy | Current Schedule Risk | Comments |
| 1 | 01C-173.03 | RWG.R - Traffic Mitigation (Red Line) | In Construction | DBB | 89% | $8,305,010 | $6,105,514 | $6,343,043 | ($237,529) | -3.9% | $528,408 | May-17 | May-17 | | | | | |
| 2 | 01C-108.00 | Le Vinci Hall Modernization | In Construction | DBB | 11% | $20,327,801 | $17,668,176 | $17,668,176 | $0 | 0.0% | $0 | Aug-18 | Aug-18 | | | | | |
| 3 | 01E-222.05 | Science Career Mathematics Building (G6) (Earth Sciences) | In Construction | DB | 25% | $17,286,226 | $1,981,076 | $11,890,966 | $0 | 0.0% | $8,559,010 | Aug-17 | Jan-18 | | | | | |
| 4 | 01E-202.01 | ADA Compliance Phase 1 - Exterior | In Construction | DBP-P | 55% | $6,455,613 | $4,991,064 | $4,991,064 | $0 | 0.0% | $207,543 | Jul-17 | Aug-17 | | | | | |
| 5 | 01E-206.01 | East Stormwater-West and Central Section of Campus | In Construction | DB | 25% | $2,719,849 | $1,735,275 | $1,735,275 | $0 | 0.0% | $0 | May-17 | Jul-17 | | | | | |
| 6 | 01E-203.01 | Port Facilities Bldg. Fire Lane | In Construction | PQSP | 65% | $156,803 | $215,664 | $212,115 | $3,549 | 1.6% | $0 | Mar-17 | Mar-17 | | | | | |
| 7 | 01E-222.07 | In Restorations at Bungalow Complexes (Phase 1 Demo Complete/ Phase 2 in Programming) | In Closeout | PQSP | 10% | $2,564,925 | $1,485,781 | $1,249,384 | $236,397 | 15.91% | $0 | Feb-17 | Feb-17 | | | | | |
| 8 | 01H-310.03 | C.A.L.S.S. Infrastructure/ Land & Hardscapes / Security | In Construction | DB | 82% | $18,500,612 | $1,488,722 | $11,668,722 | $14,986,722 | $0 | 0.0% | ($473,992) | Apr-17 | May-17 | | | | | |
| 9 | 01H-305.01 | SAAS Student Union | In Construction | DB | 3% | $69,433,287 | $6,893,828 | $6,893,828 | $0 | 0.0% | $15,666,947 | Jul-18 | Aug-18 | | | | | |
| 10 | 01J-308.01 | Campus Wide ADA Transition | In Construction | DB | 0% | $2,289,146 | $122,145 | $122,145 | $0 | 0.0% | $639,813 | Oct-17 | Oct-17 | | | | | |
| 11 | 01E-302.01 | Hazard - Trans and Accessibility Improvements | In Construction | DB | 0% | $3,155,063 | $230,192 | $1,893,326 | $0 | 0.0% | $0 | Oct-17 | Oct-17 | | | | | |
| 12 | 01M-301.01 | Media Arts Center | In Construction | DBB | 89% | $47,731,785 | $23,110,266 | $23,110,266 | $0 | 0.0% | $880,613 | May-17 | Aug-18 | | | | | |
| 13 | 01E-402.01 | Mission - Trans and Accessibility Parking & RWG.R | In Construction | PQSP | 1% | $1,460,077 | $771,071 | $909,918 | ($229,847) | -28.5% | $0 | Jan-18 | Jan-18 | | | | | |
| 14 | 01E-403.01 | Zone 4 Storm Chamber Retention System | In Construction | PQSP | 1% | $1,634,937 | $548,000 | $621,207 | ($253,007) | -13.4% | $0 | Oct-17 | Oct-17 | | | | | |
| 15 | 01P-307.00 | NEM: Phase II Renovations - Computer Science and Computing Learning (Phase 1 Complete, Phase 2 Active) | In Construction | LLB | 43% | $11,439,605 | $6,760,677 | $6,760,677 | $0 | 0.0% | $185,147 | May-18 | Jan-18 | | | | | |
| 16 | 01P-310.00 | NEM: Phase II Renovations - Behavioral Science, Social Science, Mathematics, and English Buildings (Phase 1 Complete, Phase 2 Active) | In Construction | LLB | 27% | $20,319,328 | $12,462,802 | $12,462,802 | $0 | 0.0% | $141,061 | May-18 | Jan-18 | | | | | |
| 17 | 01P-315.02 | NEM: TWI - Roosevelt Main/3rd/Low Voltage (Phase 1 Complete, Phase 2 Active) | In Construction | LLB | 43% | $13,752,442 | $6,888,049 | $6,888,049 | $0 | 0.0% | $131,725 | May-18 | Jan-18 | | | | | |
| 18 | 01P-345.06 | NEM: IUE - ADA/Landscaping (Phase 1) | In Construction | LLB | 64% | $13,315,814 | $10,829,034 | $10,829,034 | ($2,104,106) | 15.91% | $0 | Feb-17 | Feb-17 | | | | | |

**Legend**

1. Current Cost to construct includes:
   - Itemization of impact to construction
   - High finish paint that will add to total cost
   - Inclement weather, to be determined.

2. Program Management Office (PMO) is in the process of: construction technique and timing of the NEM project. Costs risk continued to be at high risk of change until all Phase 1 change orders are accepted and funds transferred.
<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Name</th>
<th>Contract Type</th>
<th>Project Status</th>
<th>Total Project</th>
<th>Current Design Only Funding</th>
<th>Current Construction Only Funding</th>
<th>Current Construction Only EAC 1</th>
<th>Variation EAC 1</th>
<th>Total Change to Date</th>
<th>Current Cost Risk</th>
<th>Current Substantial Completion</th>
<th>Current Academic Occupancy</th>
<th>Current Schedule Slip 1</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>JSP-321.02</td>
<td>NDM: Life Sciences, Chemistry, Physics Building</td>
<td>In Construction</td>
<td>$31,303,948</td>
<td>$14,737,871</td>
<td>$15,407,147 (679,276)</td>
<td>5%</td>
<td>$0</td>
<td>Feb-17</td>
<td>Feb-17</td>
<td>Chemistry building occupied in January 2017, ahead of schedule. Elevated cost risk due to field changes and cost escalation.</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>JSP-321.06</td>
<td>NDM: Phase II Renovations - Admin-Bldg - Int/East</td>
<td>In Construction</td>
<td>$10,730,518</td>
<td>$7,950,414</td>
<td>$0</td>
<td>0%</td>
<td>$0</td>
<td>Feb-17</td>
<td>Feb-17</td>
<td>1. Total approved change orders and change order proposals as of 11/30/16; excludes notice of changes.</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>JSP-340.01</td>
<td>NDM: Campus Center (Existing) - General</td>
<td>In Construction</td>
<td>$2,571,635</td>
<td>$1,954,322</td>
<td>$0</td>
<td>0%</td>
<td>$0</td>
<td>Feb-17</td>
<td>Feb-17</td>
<td>2. estimate at completion (EAC) includes all changes; NOC, COP, CO</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>JSP-351.07</td>
<td>NDM: IE Library Building/Campus Center</td>
<td>In Construction</td>
<td>$6,705,555</td>
<td>$1,049,657</td>
<td>$4,490,307 (3,966,250)</td>
<td>-13%</td>
<td>$467,987</td>
<td>Feb-17</td>
<td>Feb-17</td>
<td>3. current design includes all changes; NOC, COP, CO</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
1. Contract Type: DBB = Design-Bid-Build  DB = Design-Build  LLB = Lease Leaseback  PQSP = Prequalified Service Providers  DBB-P = Design-Bid-Build - Prequalified  DB = Design-Build  LLB = Lease Leaseback
2. Estimate at Completion (EAC) includes all changes; NOC, COP, CO
3. Total approved change orders and change order proposals as of 11/30/16; excludes notice of changes.
4. Design cost includes only for Design-Build contracts.
5. Current cost risk is forward looking risk relative to Academic Occupancy.

**Comments:**
- Elevated cost risk due to soils contamination.
- Cost risk due to unforeseen conditions in hallways.
- Total approved change orders and change order proposals as of 11/30/16; excludes notice of changes.
- Cost and schedule are impacted due to field changes and cost escalation.
- Significant schedule delays due to field changes and cost escalation.
- Substantial completion date was adjusted to account for dry-out days. Final time extension, due to inclement weather, to be determined.
- Cost schedule and risk colors and comments are updated on a weekly basis based on current project progress and events.
- Current schedule risk is forward looking risk relative to Academic Occupancy.