I. ROLL CALL

II. REPORT OF ACTIONS TAKEN IN CLOSED SESSION – March 21, 2018

III. PUBLIC SPEAKERS*

IV. INFORMATIONAL ITEMS

A. Construction Technology Building at Los Angeles Trade-Technical College

B. LACCD Chapter II, Article VIII, Board Rule 2801: Naming of Colleges and Facilities

C. Bond Program Monitor

D. Impact of Steel and Aluminum Tariffs

E. Active Construction Project Status Report (for receive and file only)

V. SUMMARY – NEXT MEETING............................................. Ernest H. Moreno

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.
LATTC: Construction Technology Building
Project Status Report

April 18, 2018
LATTC: Construction Technology Building Rendering
LATTC: Construction Technology Building
Project Location

DEMOLITION OF SEQUOIA HALL
LATTC: Construction Technology Building
Building Renderings
Floor Plans 1 & 2

BUILDING SUMMARY

- 23 Classrooms Total
- 22 Labs Total
Floor Plans 3 & Roof

HVAC Labs

Classrooms

Low Voltage & Renew Labs

Architecture Labs

Classrooms

Solar/Thermal Labs

Renewable Labs

Meeting
LATTC: Construction Technology Building
Current Project Schedule

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>START</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ORIGINAL SCHEDULE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Original DSA Approval</td>
<td>11/24/2011</td>
<td>04/17/2013</td>
</tr>
<tr>
<td>Project Defunded</td>
<td></td>
<td>07/30/2014</td>
</tr>
<tr>
<td>Project Deferral</td>
<td></td>
<td>07/08/2015</td>
</tr>
<tr>
<td>Project Re-activated</td>
<td></td>
<td>10/26/2016</td>
</tr>
<tr>
<td><strong>CURRENT SCHEDULE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Main Building Code Update/DSA Approval</td>
<td>10/01/2017</td>
<td>09/01/2019</td>
</tr>
<tr>
<td>New Construction Technology Building Phase 1</td>
<td>04/17/2017</td>
<td>04/30/2018</td>
</tr>
<tr>
<td>Construction of Yard Building Shell</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Construction Technology Building Phase 2</td>
<td>04/17/2018</td>
<td>08/14/2018</td>
</tr>
<tr>
<td>Interior Fit-Out of Yard Building &amp; Surrounding</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hardscape</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Construction Technology Building Phase 3</td>
<td>11/11/2019</td>
<td>11/03/2022</td>
</tr>
<tr>
<td>Construction of Main Building and Full-Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improvements</td>
<td></td>
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</tbody>
</table>
### LATTC: Construction Technology Building
#### Project Summary

<table>
<thead>
<tr>
<th><strong>COLLEGE PRIORITY</strong></th>
<th>No. 1 ranked College Project</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PURPOSE</strong></td>
<td>House LATTC’s single largest enrollment program – Construction Maintenance &amp; Utilities</td>
</tr>
<tr>
<td><strong>SCOPE</strong></td>
<td>Construction of new three-story above-grade building</td>
</tr>
<tr>
<td><strong>DEMOLITION</strong></td>
<td>Demolition of Sequoia Hall Building (71,055 sq. ft.)*</td>
</tr>
<tr>
<td><strong>SPACE</strong></td>
<td>Gross total square feet: 178,500</td>
</tr>
<tr>
<td></td>
<td>Building square footage remains unchanged from August 2017 Presentation</td>
</tr>
<tr>
<td><strong>CONSOLIDATION INTO NEW BUILDING</strong></td>
<td>Redwood Hall (5,300 sq. ft.)</td>
</tr>
<tr>
<td></td>
<td>Oak Hall (3,000 sq. ft.)</td>
</tr>
<tr>
<td><strong>COST</strong></td>
<td>Total August 2017 estimated cost: $177M</td>
</tr>
<tr>
<td></td>
<td>Revised estimated cost: $189M</td>
</tr>
</tbody>
</table>

*Sequoia Hall Demolition includes building, rooftop solar lab, and construction yard & building*
LATTC: Construction Technology Building
Estimated Funding Request

<table>
<thead>
<tr>
<th>Item</th>
<th>Funding Source</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expended Cost/Committed Cost to Date</td>
<td>Measure J</td>
<td>$ 22,000,000</td>
</tr>
<tr>
<td>August 2017 Measure CC Funding Request</td>
<td>Measure CC</td>
<td>$ 155,000,000</td>
</tr>
<tr>
<td><strong>Initial Estimated Cost in August 2017 as Presented to FMPOC</strong></td>
<td></td>
<td>$ 177,000,000</td>
</tr>
<tr>
<td>Demolition of Sequoia Hall</td>
<td>Measure CC</td>
<td>$ 5,000,000</td>
</tr>
<tr>
<td>Redesign Cost of 2016 Code Compliance</td>
<td>Measure CC</td>
<td>$ 1,200,000</td>
</tr>
<tr>
<td>Additional Construction Cost due to 2016 Code Compliance</td>
<td>Measure CC</td>
<td>$ 4,600,000</td>
</tr>
<tr>
<td>Specialized Building Equipment &amp; Associated Move Services</td>
<td>Measure CC</td>
<td>$ 1,700,000</td>
</tr>
<tr>
<td><strong>Additional Measure CC Funding Request</strong></td>
<td></td>
<td>$ 12,500,000</td>
</tr>
<tr>
<td><strong>Total Project Funding Request</strong></td>
<td></td>
<td>$ 189,500,000</td>
</tr>
</tbody>
</table>

- Redesign cost reflects updating the project to the 2016 Building Code (i.e., seismic upgrades, ADA code changes, mechanical, electrical, and plumbing code changes, elevator, fire and life safety, etc.)

- Specialized Building Equipment (i.e., CNC machines, drill presses, band saws, lathes, planning machines, solar panels, HVAC/plumbing/electrical equipment mock-up stations, sawdust mitigation systems, etc.)
2800. **NAMING OF COLLEGES.**

The Chancellor shall recommend to the Board of Trustees the name to be given to a new college, and recommendations for changing names of existing or proposed college sites.

2801. **NAMING OF BUILDINGS AND FACILITIES COMPONENTS.**

A. Buildings may be named by action of the Board of Trustees on recommendation of the College President or Chancellor:

1. To recognize distinguished service to the LACCD and/or the community;

2. In memoriam to an individual or family that has contributed in some manner to the community, state, or nation;

3. As recognition for a donation of 50% or more of the total project cost (or a lesser amount) of a new building construction, or of a major building wide renovation. Any action naming a building after a for-profit entity, not an individual or family, when LACCD tax exempt bonds or certificates of participation proceeds are used to finance or improve the new building construction or major building renovation shall require consultation with LACCD Bond Counsel prior to authorization of the board action.

4. As recognition for a donation in the amount of $10.0 million (or a lesser amount) in situations involving the naming of an existing building.

B. Parts of buildings or particular areas (wings, classrooms, patios, gardens or other identifiable features) may be
named by action of the Board of Trustees on recommendation of the College President:

1. To recognize distinguished service to the LACCD and/or the community;

2. In memoriam to an individual or family that has contributed in some manner to the community, state, or nation;

3. As recognition for a donation, usually of an amount that equals or exceeds 50% of the cost of the specified building feature to be named. Any action naming a part or particular areas of a building after a for-profit entity, not an individual or family, when LACCD tax exempt bonds or certificates of participation proceeds are used to finance or improve the building construction or major renovation shall require consultation with LACCD Bond Counsel prior to authorization of the board action.

4. The following schedule shall serve as a guideline, consistent with the recommendation of the College President.

   a. As recognition for a donation of $500,000 and above for a building wing or floor;

   b. As recognition for a donation of $100,000 and above for an auditorium, theatre, or similar major building component;

   c. As recognition for a donation of $50,000 and above for a major lecture hall, classroom or similar building feature;

   d. As recognition for a donation of $25,000 and above for a standard classroom or laboratory space;

   e. As recognition for a donation of $10,000 and above for a conference room or office space;
f. As recognition for a donation of $500 and above for recognition on a wall of honor in a building of the donor’s choosing.

C. Naming of buildings or facilities components in honor of an employee or trustee of the District will occur only posthumously, or after separation from the District for at least three years, or upon a finding by the Board of Trustees that the individual has contributed in an extraordinary manner, above and beyond the call of duty, to benefit the interests of the college. In any case, names on buildings or building features shall be limited to the use of the family name, unless the naming occurs posthumously.

D. Names on buildings and building features may be maintained if feasible through subsequent remodeling and/or renovation projects that may occur, at the option of the applicable college’s president. If it is determined that names cannot be preserved due to major alteration or demolition, each college may make a suitable arrangement to preserve the name on a monument, plaque, or tablet specifically created for this purpose.

E. An agreement between the District and the donor shall be prepared in writing to memorialize the conditions associated with a donation that results in the naming of a building or building feature. Copies of the agreement shall be maintained at the college and at the District’s central facilities office.

F. Before making such recommendations, the Chancellor shall consult collegially with the District Academic Senate concerning the naming of a new college site and the local Academic Senate concerning the changes to the names of existing or proposed college site(s). Input shall be received from college constituencies in accordance with local college policies on the naming of buildings or, when no such policies are in place, through college facilities planning committee and/or shared governance council.

Amended 03-08-17
IMPACT OF STEEL & ALUMINUM TARIFFS

David Salazar, Chief Facilities Executive

April 18, 2018
TARIFF INFORMATION

• Steel & Aluminum Tariffs Took Effect 3/23/2018
  ▪ Steel - 25% Tariff
  ▪ Aluminum – 10% Tariff

• Countries Exempt: Canada, Mexico, European Union, Brazil, South Korea, Argentina, & Australia

• Applicable Countries: All Others
CONSTRUCTION MATERIALS POTENTIALLY AFFECTED

• Primary, Design-Specific
  ▪ Structural Steel (Beam & Column)

• Secondary, High-Production
  ▪ Metal Studs
  ▪ Rebar
  ▪ Ductwork
  ▪ Sheet Metal
  ▪ Piping
STEEL & ALUMINUM COST TRENDS

• Cost of Steel & Aluminum 2017-2018 on the Rise (Independent of Tariffs)
  ▪ Rebar – 10% Increase
  ▪ Sheet Metal/Aluminum – 4.6% Increase
  ▪ Wide Flange Beam & Column – 3% Increase
POTENTIAL OPTIONS TO CONSIDER

Prime/Sub Construction Contracts:

• Lock in Contracts Early in Anticipation of Rising Costs

• Hold Bid Prices for Longer Durations (up to 90 Days)

Owner:

• Consider Payment for Stored Materials at Supplier/Fabricator
  ▪ Advanced Owner Approval Required
COST ESCALATION CALCULATION

Engineering News-Record (ENR)

2017 Average Cost Rate Increase: 3.8%*

Industry-Wide Estimated Escalation Rates

2017 Average for Cost Escalation: 5.125%**

BuildLACCD Cost Estimating

Current Cost Escalation Rate to Mid-Point of Construction

4.5%

AVERAGE

*Source: Engineering News-Record Construction Cost Index History
**Source: ONE San Francisco Project Escalation “2017 SF Experts Projected Escalation” presented 10/17/2016
SUMMARY

Current Impact: Minimal

+ 1% Increase in Total Construction Costs
QUESTIONS
### Active Construction Project Status Report

**Report Date:** 12-Apr-18  
**BUILD-LACCD BOND PROGRAM**  
**Project Name:** Project Name  
**Contract Type:** Contract Type  
**Project Status:** Project Status  
**Original Construction Contract Value [A]**  
**Aggregate Approved Change Order Amount to Date [B]**  
**Current Revised Contract Amount to Date [C = A + B]**  
**EAC (Construction Only)**  
**Physical % Complete**  
**Original (Contract) Substantial Completion [I]**  
**Revised (Contract) Substantial Completion Date [K]**  
**Current Forecasted Substantial Completion Date [L]**

<table>
<thead>
<tr>
<th>Line #</th>
<th>Project #</th>
<th>Project Name</th>
<th>Status</th>
<th>Contract Type</th>
<th>Original Construction Contract Value [A]</th>
<th>Aggregate Approved Change Order Amount to Date [B]</th>
<th>Current Revised Contract Amount to Date [C = A + B]</th>
<th>EAC (Construction Only)</th>
<th>Physical % Complete</th>
<th>Original (Contract) Substantial Completion [I]</th>
<th>Revised (Contract) Substantial Completion Date [K]</th>
<th>Current Forecasted Substantial Completion Date [L]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>01C-108.00</td>
<td>Da Vinci Hall</td>
<td>In Construction</td>
<td>DBB</td>
<td>$17,661,000</td>
<td>$0</td>
<td>$17,661,000</td>
<td>$20,639,457</td>
<td>47%</td>
<td>Jul-18</td>
<td>0</td>
<td>Jul-18</td>
</tr>
<tr>
<td>2</td>
<td>01C-149.00</td>
<td>Remodel of Men's Gym, Pool, Main &amp; Misc Bungalows</td>
<td>In Construction</td>
<td>PQSP</td>
<td>$1,297,000</td>
<td>$0</td>
<td>$1,297,000</td>
<td>$1,563,026</td>
<td>76%</td>
<td>Mar-18</td>
<td>0</td>
<td>Mar-18</td>
</tr>
<tr>
<td>3</td>
<td>025-222.05</td>
<td>Science Career &amp; Mathematics Building G8 (Earth Sciences)</td>
<td>In Construction</td>
<td>DB</td>
<td>$9,027,182</td>
<td>$4,268,674</td>
<td>$13,295,856</td>
<td>$14,238,238</td>
<td>98%</td>
<td>Nov-17</td>
<td>0</td>
<td>Nov-17</td>
</tr>
<tr>
<td>4</td>
<td>03H-329.01</td>
<td>Relocation of Power and Phone Switch</td>
<td>In Construction</td>
<td>PQSP</td>
<td>$801,257</td>
<td>$0</td>
<td>$801,257</td>
<td>$801,257</td>
<td>10%</td>
<td>Apr-18</td>
<td>0</td>
<td>Apr-18</td>
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<tr>
<td>5</td>
<td>03H-350.03</td>
<td>S.A.I.L.S. - Infrastructure/Land &amp; Hardscapes/Security - Phase 2</td>
<td>In Construction</td>
<td>DB</td>
<td>$16,200,112</td>
<td>($118,164)</td>
<td>$16,143,498</td>
<td>$16,655,687</td>
<td>100%</td>
<td>Apr-14</td>
<td>1,868</td>
<td>Mar-19</td>
</tr>
<tr>
<td>6</td>
<td>03H-350.01</td>
<td>S.A.I.L.S. - Student Union</td>
<td>In Construction</td>
<td>DB</td>
<td>$39,893,775</td>
<td>$12,963,475</td>
<td>$52,857,274</td>
<td>$53,352,335</td>
<td>10%</td>
<td>Apr-14</td>
<td>1,569</td>
<td>Jul-18</td>
</tr>
<tr>
<td>7</td>
<td>03H-338.01</td>
<td>Campus Wide ADA Transition</td>
<td>In Construction</td>
<td>DB</td>
<td>$785,207</td>
<td>$664,187</td>
<td>$1,449,394</td>
<td>$1,193,394</td>
<td>75%</td>
<td>May-16</td>
<td>528</td>
<td>Oct-17</td>
</tr>
<tr>
<td>8</td>
<td>04J-302.01</td>
<td>Harbor - Transportation and Accessibility Improvements</td>
<td>In Construction</td>
<td>DB</td>
<td>$2,022,457</td>
<td>$83,369</td>
<td>$2,105,826</td>
<td>$2,113,518</td>
<td>67%</td>
<td>May-16</td>
<td>528</td>
<td>Oct-17</td>
</tr>
<tr>
<td>9</td>
<td>05P-535.05</td>
<td>SLE Community Services / Agriculture Science Building Renovation</td>
<td>In Construction</td>
<td>LLB</td>
<td>$3,745,947</td>
<td>$373,372</td>
<td>$4,119,319</td>
<td>$5,280,603</td>
<td>98%</td>
<td>Nov-16</td>
<td>31</td>
<td>Dec-16</td>
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<td>10</td>
<td>065-618.01</td>
<td>School of Science</td>
<td>In Construction</td>
<td>DB</td>
<td>$15,499,000</td>
<td>$193,970</td>
<td>$15,693,970</td>
<td>$33,037,548</td>
<td>6%</td>
<td>Jun-19</td>
<td>0</td>
<td>Jun-19</td>
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<tr>
<td>11</td>
<td>077-714.03</td>
<td>Construction Tech Yard and Storage Building</td>
<td>In Construction</td>
<td>PQSP</td>
<td>$977,123</td>
<td>$0</td>
<td>$977,123</td>
<td>$1,003,253</td>
<td>87%</td>
<td>Dec-17</td>
<td>0</td>
<td>Dec-17</td>
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<tr>
<td>12</td>
<td>077-773.08</td>
<td>Blue Line Station Extension</td>
<td>In Construction</td>
<td>DB</td>
<td>$685,664</td>
<td>$0</td>
<td>$685,664</td>
<td>$3,528,467</td>
<td>35%</td>
<td>Apr-18</td>
<td>0</td>
<td>Apr-18</td>
</tr>
<tr>
<td>13</td>
<td>46J-702.01</td>
<td>Trade - Trans and Accessibility Requirements</td>
<td>In Construction</td>
<td>DBB-P</td>
<td>$3,820,000</td>
<td>$194,893</td>
<td>$4,014,893</td>
<td>$5,053,305</td>
<td>100%</td>
<td>Oct-17</td>
<td>1</td>
<td>Nov-17</td>
</tr>
<tr>
<td>14</td>
<td>08V-801.00</td>
<td>Valley Academic &amp; Cultural Center (VACC)</td>
<td>In Construction</td>
<td>LLB</td>
<td>$78,508,391</td>
<td>$21,166,854</td>
<td>$100,325,255</td>
<td>$109,529,054</td>
<td>46%</td>
<td>Mar-18</td>
<td>0</td>
<td>Mar-18</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**
2. **Columns [A], [B], and [C] are based on values for the prime general contractor solely.**
3. **Total Change to Date values excludes notice of changes and Change Order Proposals.**
4. **Design EAC is included only for Design-Build contracts.**
5. **Construction EAC includes the total of new construction and renovation hard costs.**