Alameda-Contra Costa Transit District

STAFF REPORT

TO: AC Transit Board of Directors
FROM: Michael A. Hursh, General Manager
SUBJECT: East Bay Bus Rapid Transit Project Progress Report

BRIEFING ITEM

RECOMMENDED ACTION(S):

Consider receiving the monthly construction progress report on the East Bay Bus Rapid Transit (BRT) Project.

BUDGETARY/FISCAL IMPACT:

Refer to the Attachment 1 slide on Project Management and Construction Budgets for the construction contract and three professional services contracts supporting the BRT Construction and the Expenditure Curve slide.

BACKGROUND/RATIONALE:

This report is an update on four main areas of the BRT program: design services, construction management, infrastructure and station platform construction, and community outreach/public engagement.

Bid Package 3 Project Construction

Construction Progress:

Major roadway construction continues in 6 zones. A total of 12 station platforms are in interim condition status or in construction, six in San Leandro and six in Oakland. Traffic signal, pedestrian lighting, sidewalk areas and roadway improvements are ongoing in those zones. Significant progress continues to be made towards completing work in San Leandro to interim condition status. Construction of remaining curbside stations is underway (Zone 14). Potholing work and/or installation of signal foundations, pedestrian lighting and communications network is ongoing throughout all zones. East Bay Municipal Utility District continues its waterline replacement project between 52nd Avenue to 63rd Avenue restricting access to Zone 9. Refer to Attachment 1 for highlights of construction progress in the past month.

Construction Management:

The City of Oakland has permitted full access to Zones 11 and 13 and is currently reviewing District proposals to start a City sewer relocation project in Zone 2, EBMUD waterline relocation project in Zone 2 and major roadway construction in selected areas in Segment B. The City has lifted restrictions on working in adjacent zones, allowing work in a maximum of 4 zones at one time. Work in Segment B will not commence until Segment A is complete. Priority towards
utility relocation, timely design changes, traffic control and work site safety, and quality control remain the four most critical elements in achieving the planned construction progress.

**Northern Layover:**

The construction of the Northern Layover is a separate allowance item in the BRT construction contract. The Northern Layover location will be on-street on San Pablo Avenue between West Grand Avenue and 21st Street. The City of Oakland has approved the proposed location and District staff and the consultant engineer are now developing the design.

**San Leandro Transit Center**

The San Leandro Transit Center project is separately funded by a Congestion Mitigation and Air Quality Improvement (CMAQ) grant for key capital investments by AC Transit in coordination with BART and the City of San Leandro. The project will reconfigure the bus transit center within the San Leandro BART station to better accommodate the East Bay Bus Rapid Transit Project (BRT) southern terminus, other AC Transit routes, and other transit services. The multi-modal project will support the City of San Leandro’s Transit Oriented Development Strategy. The project’s scope is undergoing a value engineering exercise to align the cost of improvements to the available project budget. Staff is reviewing the design elements to ensure the re-scoped project will include, at a minimum, all of the District’s key requirements and stay within budget. Construction is expected to start in the fall of 2018.

**Community Outreach and Public Engagement**

The outreach team continues its efforts along the BRT corridor on a daily basis including in-person visits with key stakeholders and businesses, email and phone requests for opportunities to provide status update presentations, and participation in community events along the corridor.

The outreach team’s day-to-day focus remains on 1) ensuring businesses/stakeholders know in advance about the upcoming start of construction; 2) daily monitoring of active work areas to ensure construction impacts are minimized and issues addressed as quickly as possible; and 3) troubleshooting issues reported by corridor stakeholders.

During the month of February, the outreach team logged the following interactions:

- **Total Number of Interaction Activities logged**: 132
- **Number of individual stakeholders interacted with (unduplicated)**: 90
- **Total Complaints**: 12
  - **Complaint Breakdown**
    - Access: 5
    - Business is slow: 2
    - Noise: 1
    - Parking: 3
    - Slow Schedule: 1
    - Trash: 0
In addition to the day-to-day activities associated with monitoring construction progress and troubleshooting issues on the corridor, the team continues their efforts to communicate with the public at large to share information on the status of the project, project benefits and key features of the project. This includes attending community events and meetings; below is the list of events and presentations made in the month of February:

- March 8 – Beat 30X Neighborhood Crime Prevention Council (NCPC)
- March 13 – Allen Temple Arms I & II Senior Living Residents Council Meeting
- March 14 – Oakland Chamber of Commerce Economic Development Forum
- March 15 – Beat 26X &26Y Neighborhood Crime Prevention Council (NCPC)
- March 20 – Allen Temple
- March 21 – Beat 33X/34X Neighborhood Crime Prevention Council Meeting (NCPC)
- March 26 – San Leandro State of the City

In the past month, the outreach team has produced and published the following electronic newsletter (eNews) articles:

- March 1 - Making BRTa Reality: A Progress Update
- March 8 - BRT Celebrates Women in Construction Week

Project Labor Agreement / Construction Careers Policy:

The project’s local hire utilization percentage has been hovering around 32% for the past few months, and although that percentage is considerably short of the 50% goal, the contractor and its subcontractors have routinely demonstrated good faith efforts to hire local residents to the extent practicable. The region has seen a massive growth in construction projects, limiting the supply of local workers, and as a result, contractors on this project have begun including off-site local hire credit requests, which are now being incorporated into the current percentage.

PLA/CCP Outreach:

- March 1 - Cypress Mandela Pre-Apprentice Training Center Graduation
- March 7 - Construction Careers Presentation, Rising Sun Energy Center all-female cohort
- March 7 - Berkeley Job Fair
- March 8 - Sojourner Truth & Rudsdale Spring 2018 Career Symposium/Job Fair
- March 21 - Inter-agency PLA meeting
- March 29 - San Leandro High School Career Day
- March 30 - SLPC meeting
- Conducted Site Visit and Worker Interviews March 9th, 23rd, 26th and 30th
ADVANTAGES/DISADVANTAGES:

This report is a monthly construction update and there are no associated advantages or disadvantages.

ALTERNATIVES ANALYSIS:

There is no analysis of alternatives required for this report.

PRIOR RELEVANT BOARD ACTION/POLICIES:

None.

ATTACHMENTS:

1. BRT Progress Presentation

Approved by: Ramakrishna Pochiraju, Executive Director of Planning and Engineering
Reviewed by: Denise Standridge, General Counsel
            Claudia Allen, Chief Financial Officer
            Beverly Greene, Executive Director of External Affairs, Marketing, Communications

Prepared by: David Wilkins, BRT Program Director
              Claudia Burgos, Director of Legislative Affairs and Community Relations
              William Tonis, Director of Project Controls and Systems Analysis
East Bay BRT Project
Monthly Progress Report

April 25, 2018

13 BRT Platforms Now in Place!
Construction Progress

- 13 station platforms in interim condition status or in construction
  - **San Leandro**: Durant, Downtown NB, Downtown SB, Civic Center NB, Civic Center SB, Georgia Way SB, Georgia Way NB
  - **Oakland**: High Street, 48th Avenue, 67th Avenue, 73rd Avenue, 86th Ave., 90th Avenue,
- **Active construction in 5 Zones: 8,11,12,13, and 14.**
  - Paving
  - Curb return and sidewalk improvements
  - Installation of new traffic signals, street lights and pedestrian lighting
  - Utility adjustments and relocations
- **Zones Achieved Interim Condition Status:**
  - Zone 10
- **Corridor Wide:**
  - Zone Recons & Utility Verification (pothole) work in Segment B.
## Construction Progress - Segment - A

### Non-Civil Elements

<table>
<thead>
<tr>
<th>Items</th>
<th>Total Spent (SOV)</th>
<th>Total (SOV)</th>
<th>% Complete</th>
<th>% Weight</th>
<th>% Complete (Weighted)</th>
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<tr>
<td><strong>Signal &amp; Lighting - TOTAL</strong></td>
<td></td>
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<td>(percent complete per SOV-Jan End-Segment A Bid Items #331-388, % weight distributed per total cost and Segment A assumed to be weighted 50%)</td>
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<td>Signal System</td>
<td>$706,661.80</td>
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<td>Poles</td>
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<td>Foundations</td>
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<td>$1,113,803.00</td>
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<td>Wires</td>
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<td>Pullboxes</td>
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<td>Potholing</td>
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<td>$721,000.00</td>
<td>48%</td>
<td>6%</td>
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<td>Misc Controller, Antenna, TSP Equip</td>
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<td>$340,087.00</td>
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<td>Furnish Electrical Material</td>
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<td>$4,049,487.00</td>
<td>27%</td>
<td>36%</td>
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<td><strong>Communications</strong></td>
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<td></td>
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<td>(percent complete per SOV-Jan End-Project Bid Items #408-415,425, 426, % weight distributed per total cost)</td>
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<td>CCTV System</td>
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<td>Comms Cabinets</td>
<td>$113,316.00</td>
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<td>Public Address Sys</td>
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<td>$450,000.00</td>
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<td>Station Conduit &amp; Junction Boxes</td>
<td>$51,000.00</td>
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<td>Conductors (Cable)</td>
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<td>$2,300,000.00</td>
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<td>Central Command Comms</td>
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<td>$2,100,000.00</td>
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<td>Spare Equipment (CCTV etc)</td>
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<td>$450,000.00</td>
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<td>25%</td>
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<td>Electrical (Station Platform)</td>
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<td><strong>Architecture</strong></td>
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<tr>
<td>(percent complete per Scott Blakely's Schedule; % weight per DW)</td>
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<tr>
<td>Station Canopy Fabrication</td>
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<td>41%</td>
<td>50%</td>
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<tr>
<td>Station Canopy Installation</td>
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<td>0%</td>
<td>50%</td>
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<td><strong>Artistic Enhancement</strong></td>
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<tr>
<td>(percent complete per Johanna as of 3/28/18; % weight per DW)</td>
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<td>Machine Drawings</td>
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<td>-</td>
<td>100%</td>
<td>10%</td>
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<td>Art Pieces Fabrication</td>
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<td>-</td>
<td>53%</td>
<td>65%</td>
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<tr>
<td>Art Pieces Installation</td>
<td>-</td>
<td>-</td>
<td>0%</td>
<td>25%</td>
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</tbody>
</table>

### Notes

- **Signal & Lighting and Communications per SOV, Status from January End.** Signal & Lighting foundations, conduits and pullboxes captured in the overall project percent complete because it's a part of the work area scope.

- Architecture per OCI's fabrication status sent on 4/2/18.


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**Downtown Oakland to San Leandro**

**International Blvd to East 14th St**

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**East Bay Bus Rapid Transit**
Construction Progress – Oakland

High Street Station

48th Avenue Station

67th Avenue Station

Downtown Oakland to San Leandro
International Blvd to East 14th St
Construction Progress – Oakland

73rd Avenue Station    86th Avenue Station    90th Avenue Station

Downtown Oakland to San Leandro
International Blvd to East 14th St
Construction Progress – San Leandro

Downtown San Leandro Station NB

Downtown San Leandro Station SB

Durant Avenue Station

Downtown Oakland to San Leandro
International Blvd to East 14th St
Construction Progress – San Leandro

San Leandro Civic Center Station SB  San Leandro Civic Center Station NB
Construction Progress – San Leandro

Georgia Way SB

Downtown Oakland to San Leandro
International Blvd to East 14th St
## Project Management and Construction Budgets

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Vendor</th>
<th>Contract Value</th>
<th>Paid to Date</th>
<th>Remaining</th>
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<tr>
<td>Construction Contractor</td>
<td>O.C. JONES &amp; SONS, INC.</td>
<td>$108,112,000</td>
<td>$29,582,284</td>
<td>$78,529,716</td>
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<tr>
<td>Design Services During Construction</td>
<td>PARSONS TRANSPORTATION GROUP</td>
<td>$4,000,000</td>
<td>$3,761,294</td>
<td>$238,706</td>
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<tr>
<td>Construction Project Management</td>
<td>CH2M HILL INC</td>
<td>$6,750,000</td>
<td>$4,561,510</td>
<td>$2,188,490</td>
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<tr>
<td>Public Outreach Services</td>
<td>L. LUSTER &amp; ASSOCIATES, INC.</td>
<td>$1,247,785</td>
<td>$1,041,188</td>
<td>$206,597</td>
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</table>

- Construction Contractor budget through project completion
- Financial expenditures through April 2018
- Budgets are for professional services under contract through April 2018
- At FTA’s request, Construction Management and Public Outreach Services contracts will be resolicited

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**Downtown Oakland to San Leandro**

**International Blvd to East 14th St**
Expenditure Curve

- Funding (Spendable)
- PCP (Revised Baseline)
- Expenditures (Actual)
- SSGA (Baseline)

Program Budget: $213M
Estimate at Completion: $206M

Project Completion Plan vs Actual Expenditures
$1.1M Variance

Downtown Oakland to San Leandro
International Blvd to East 14th St
Outreach

Teams’ Focus

• Inform Businesses of Upcoming Work & Timeline
• Once work begins, regular check-ins and updates
• Daily Troubleshooting
  • Parking
  • Driveways
  • Business Access
  • Modifications
• Targeted Notifications – i.e. Street Closure Notices
• Biggest Concerns:
  • Parking Impacts
  • Length of time to complete
March Outreach Events and Presentations

Project Updates
- March 8 – Beat 30X Neighborhood Crime Prevention Council (NCPC)
- March 13 – Allen Temple Arms I & II Senior Living Residents Council Meeting
- March 14 – Oakland Chamber of Commerce Economic Development Forum
- March 15 – Beat 26X & 26Y Neighborhood Crime Prevention Council (NCPC)
- March 20 – Allen Temple
- March 21 – Beat 33X/34X Neighborhood Crime Prevention Council Meeting (NCPC)
- March 26 – San Leandro State of the City

PLA/CCP Focused Outreach
- March 1 - Cypress Mandela Pre-Apprentice Training Center Graduation
- March 7 - Construction Careers Presentation, Rising Sun Energy Center all-female cohort
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- March 8 - Sojourner Truth & Rudsdale Spring Career Symposium/Job Fair
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- March 29 - San Leandro High School Career Day
- March 30 - SLPC meeting
Project Labor Agreement / Construction Careers Policy (PLA/CCP) Workforce Goals

Work Hour Summary

Data Thru March 15, 2018

Total Project Hours: 137,069
Total Local Hire: 31.36% (50% goal)
Apprentice: 13.89% (20% goal)
*21.07% of the apprentice hours were performed by disadvantaged workers (25% goal)
# BRT Bid Package III DBE Utilization

<table>
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<tr>
<th>DBE Payments</th>
<th>DBE Payment Percentage</th>
<th>Project DBE Goal</th>
<th>Number of DBE Subcontractors</th>
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<tr>
<td>$1,712,344.10</td>
<td>7.1%</td>
<td>8%</td>
<td>13</td>
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</table>
PLA/CCP Planned Activities for 2nd Quarter

- Review first receipts of electronic, off-site local hire good-faith effort forms from Prime and Subcontractors

- Train Prime and Subcontractors on the new process of submitting off-site local hire supporting documentation

- Continue working with community stakeholders, including local trades union, to ensure compliance with PLA/CCP provisions