Alameda County Transportation Commission
Projects and Programs Committee
Item No. 5.5

I-80 Integrated Corridor Mobility

Sponsor
Alameda CTC

Cost Estimate
$79 M

Prop 1B Bond Funding
$ 65.6 M

Construction
Summer 2011 - Fall 2015
**Project Benefits | I-80 ICM**

- **First of its kind in California**
- Create a **well balanced system**
- **Optimize operations** and avoid flow breakdown
- Detect and **respond to congestion events faster**
- **Improve safety and security**
- Manage congested flow when it does occur
- **Promote transit ridership** and mode shifts
- **Protect local arterials** from unnecessary diversion

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**Project Concepts Deployed | I-80 ICM**

- Freeway & Incident Management
- Adaptive Ramp Metering
- Transit Management
- Arterial Management
- Traveler Information
- Traffic Monitoring
Delivery Strategy | I-80 ICM

**Procurement Package**

**Freeway Construction Projects**

**Arterial Construction Projects**

**System Integration**

PROJECT 1: System Integration

I-80 ICM Project

PROJECT 4: Adaptive Ramp Metering

PROJECT 5: Active Traffic Management

PROJECT 6: San Pablo Improvements

System Integration

Virtual Private Network

I-80 Mainline Project Area
San Pablo Project Area
City Transportation Management Center
### Construction Schedule | I-80 ICM

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<tbody>
<tr>
<td>Construction Phase</td>
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<tr>
<td>System Integration</td>
<td>03/12 - 11/15</td>
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<td>Specialty Procurement</td>
<td>08/12 - 06/15</td>
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<td>Traffic Operation System</td>
<td>06/11 - 07/12</td>
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<td>Adaptive Ramp Metering</td>
<td>09/12 - 03/15</td>
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<tr>
<td>Active Traffic Management</td>
<td>10/12 - 09/15</td>
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<tr>
<td>Traffic Light Synchronization</td>
<td>09/11 - 06/15</td>
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### Recommendation | I-80 ICM

- Approve and authorize the Executive Director to execute Amendment No. 3 to the Professional Services Agreement No. A10-0008 with S&C Engineers for an additional amount of $100,000 for a total not-to-exceed amount of $1,990,750 and for additional time as required by the project schedule.
Alameda County Transportation Commission
Projects and Programs Committee
Item No. 5.6

Programming and Projects Committee Meeting
May 27, 2015

East Bay Greenway - Segment 7A
Coliseum BART to 85th Avenue

Sponsor
Alameda CTC

Cost Estimate
$4.3 M

Construction
Summer 2013 - Fall 2015
Project Status Update | East Bay Greenway
Coliseum BART to 85th Ave

- Project has had funding challenges
- Rebid the construction contract
- Low bid was 50% over EE
- Longer than anticipated
  - Encountered Hazmat
  - Field issues
  - Agency coordination
- Construction claims

Paving Activities | June 2 & 3
Remaining Work | East Bay Greenway
Coliseum BART to 85th Ave

- Striping
- Fencing
- Lighting

Recommendation | East Bay Greenway
Coliseum BART to 85th Ave

- Approve and authorize the Executive Director to execute Amendment No. 3 to the Professional Services Agreement No. A13-0020 with Ghirardelli and Associates for an additional amount of $180,000 for a total not-to-exceed amount of $840,000 and additional time as required to complete construction of the project.
Alameda CTC Programming and Projects Committee | June 2015

Programming and Projects Committee Meeting
May 27, 2015

Item No. 5.9

I-880 Mission Blvd. East-West Connector Project

Sponsor
Alameda CTC

Cost Estimate
$230.5 M

Measure B Funding
$88.8 M

Design
Summer 2015 - Spring 2017
**Project Background**

- The 1986 Expenditure Plan included the original Historic Parkway Alternative project.
- Amendment 2 adopted improvements to provide east-west connection between I-880 and Mission Boulevard (Route 238).
- MOU between project stakeholders executed in January 2007.
- Project placed on hold due to funding shortfall in 2012.
- Project included in 2014 Transportation Expenditure Plan and eligible for Measure BB funding.
**Project Funding | East-West Connector**

**PROJECT COST ESTIMATE**

<table>
<thead>
<tr>
<th>Cost Estimate by Phase ($ X 1,000)</th>
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<tr>
<td>Scoping</td>
<td>$ 0</td>
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<tr>
<td>PE/Environmental</td>
<td>$ 5,300</td>
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<tr>
<td>Final Design (PS&amp;E)</td>
<td>$ 16,500</td>
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<tr>
<td>Right-Of-Way/Utilities</td>
<td>$ 34,800</td>
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<tr>
<td>Construction Capital (Seg A-D)</td>
<td>$ 150,500</td>
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<tr>
<td>Construction Support</td>
<td>$ 23,400</td>
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<td><strong>TOTAL Expenditures:</strong></td>
<td><strong>$ 230,500</strong></td>
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**PROJECT FUNDING**

<table>
<thead>
<tr>
<th>Funding by Fund Source ($ X 1,000)</th>
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<tbody>
<tr>
<td>1986 Measure B (ACTC)</td>
<td>$ 88,871</td>
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<tr>
<td>Federal</td>
<td>$ 0</td>
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<tr>
<td>State (STIP)</td>
<td>$ 12,000</td>
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<tr>
<td>Regional</td>
<td>$ 0</td>
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<tr>
<td>Local (CMA-TIP)</td>
<td>$ 2,300</td>
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<tr>
<td>Local</td>
<td>$ 9,208</td>
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<td><strong>TOTAL Revenues:</strong></td>
<td><strong>$ 112,379</strong></td>
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- Estimated project cost is $230.5 million*
- $112.4 million in available funding; current shortfall of $118.1 million

*Pending revalidation of costs during final design

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**Project Schedule | East-West Connector**

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<td>Scoping / Environmental</td>
<td>03/07 - 06/09</td>
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<td>Final Design (PS&amp;E)</td>
<td>07/15 - 03/17</td>
<td>Re-Start</td>
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<td>Right of Way</td>
<td>07/15 - 03/17</td>
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<td>Construction</td>
<td>05/17 - 09/19</td>
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June 2015
**Next Steps**  
**East-West Connector**

- Restart design phase
- Re-engage project stakeholders
- Restart right-of-way and permitting process
- Regulatory permitting and mitigation

**Recommendation**

- Approve and authorize the Executive Director to finalize negotiations and execute Amendment No. 2 to the Professional Services Agreement No. A07-0001 with TY Lin International for an amount up to $4,500,000 resulting in a total not-to-exceed amount of $20,357,490 and additional time as required to complete final design of the project.