Yerba Buena Island (YBI) Projects Updates

YBI I-80/West Bound On-Off Ramps
YBI I-80/East Bound Off-Ramp/Southgate Road Realignment
YBI West Side Bridges
TIMMA

San Francisco County Transportation Authority

November 30, 2020
YBI Construction Projects

- Macalla Road Reconstruction (TICD) (2019 - 2020)
- West-side Bridges Project (SFCTA) (2021 - 2024)
- YBI WB Ramps (SFCTA) Opened October 2016
- YBI Vista Point (SFCTA) Opened May 2017
- I-80 EB Off-Ramp/Southgate Road Realignment (SFCTA) (2020 - 2022)
YBI I-80/WB On-Off Ramps

Close-out phase
YBI Vista Point

Opened: May 2017
Connected to SFOBB
East Span YBI Bike Landing
Benches, restrooms & drinking fountains
YBI Historic Quarters 10 Relocation

Relocated Historic Quarters 10 and Building 257

Clipper Cove Restroom - BCDC requirement

Opened: Oct. 2017
Federal HBP - $72.9 million
State Proposition 1B – $8.6 million
TIDA - $10.9 million
BATA - $1 million
Total = $93.4 million
I-80/EB Off-Ramp/Southgate Road Realignment

- Total Project Cost: $63.7M
- Funding: Federal, State, TIDA, BATA
- Construction: June 2020 – June 2022
Federal HBP - $32.5 million
State Proposition 1B – $2.3 million
Federal ATCMTD - $1.35 million
TIDA - $5.35 million
BATA - $22.2 million
Total = $63.7 million
Westside Bridges Retrofit Project

- Demolish seven (7) bridges
- Retrofit one (1) bridge
- Six (6) new retaining walls
- New undercrossing structure
Westside Bridges Retrofit Project

- Total Project Cost Estimate: $120M
- Funding: Federal, State, TIDA
- CM/GC Delivery Method
- Construction:
  Spring 2021 – Summer 2024
Project Challenges that Warrant Consideration of CM/GC Delivery

- Geotechnical – Unstable Soil Swale
- Steep terrain – Construction Access
- Complex Bridge/Wall Foundation Construction
- Rock Anchor (110’ long) Tie-back Retaining Walls
- Environmental constraints – Birds, Plants, etc.
- Storm water - proximity to SF Bay
- Cost Containment
## Schedule

<table>
<thead>
<tr>
<th>PROJECT DELIVERY MILESTONE</th>
<th>COMPLETION DATE</th>
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<tbody>
<tr>
<td>100% PSE Date (Design)</td>
<td>November 2020</td>
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<tr>
<td>Right of Way Certification</td>
<td>November 2020</td>
</tr>
<tr>
<td>Construction Request for Authorization Date</td>
<td>December 2020</td>
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<tr>
<td>Award Contract Date</td>
<td>January/February 2021</td>
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<tr>
<td>Start Construction</td>
<td>March 2021</td>
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<tr>
<td>End Construction</td>
<td>June 2024</td>
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<tr>
<td>Closeout Date</td>
<td>June 2025</td>
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</table>
Federal Funding - $105.9 million
State/Local Match – $13.7 million
Total = $119.6 million
TIMMA Goals

Provide high-quality transit:
- New ferry service
- New East Bay transit service
- New on-island shuttle

Promote walking and biking:
- Bike lanes
- Pedestrian paths
- Bike stations

Deliver Equity:
- Subsidized transit passes and discounts to services like car and bike share
### TIMMA Work Program

<table>
<thead>
<tr>
<th>Task</th>
<th>Task</th>
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<tbody>
<tr>
<td>Demand Projections &amp; Program Financial Analysis</td>
<td>Parking Management Program Implementation</td>
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<tr>
<td>Ferry &amp; East Bay Transit Service Plan &amp; Delivery</td>
<td>Intra-Island Shuttle Implementation</td>
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<tr>
<td>TDM &amp; Affordability</td>
<td>Autonomous Vehicle (AV) Shuttle Pilot</td>
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<tr>
<td>Toll Policy Recommendations</td>
<td>Bicycle/Pedestrian Planning</td>
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<td>Transit Pass Implementation</td>
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TIMMA Work Program

• Toll Infrastructure Environmental
• Toll Civil Engineering Design
• Toll System Integration RFP
• Initial Toll Infrastructure Construction - Underground
• Outreach on Affordability & Toll Policy
• Board Support
• Funding and Grants Management
TIMMA Program Milestone Schedule

- Toll/TDM/Equity Policy
- Southgate (Toll Locations 1, 2, and 3)
- Network Comms Phase 1
- Toll System Integrator Phase 1
- Transit Service (SFMTA, East Bay, Intra-Island Shuttle, Ferry)
- Transit Pass Program
- Parking Program
- Westside Bridges (Locations 4 and 5)
- Toll System Integrator Phase 2
- AV Shuttle Pilot

Milestones:
- Sep-20
- Mar-21
- Oct-21
- Apr-22
- Nov-22
- May-23
- Dec-23
- Jul-24
- Jan-25
TIMMA Program

• TIMMA Capital Program Costs (FY 20-25)

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<tr>
<th>CAPITAL PROGRAM COST (From planning to implementation)</th>
<th>FY2020</th>
<th>FY2021</th>
<th>FY2022</th>
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<th>FY2024</th>
<th>FY2025</th>
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<tbody>
<tr>
<td>1) Toll Policy &amp; Toll System</td>
<td>$1.03</td>
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<td>2) AV Shuttle Pilot</td>
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<td>3) Project Management &amp; Public Communications</td>
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<td>4) Ferry Service</td>
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<td>5) Bus Service &amp; Transit Pass Implementation</td>
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<td>6) Parking Management</td>
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Thank you.

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