Welcome!
Workshop Agenda

- Arrival (6:00)
- Presentation (6:10-6:45)
- General Q&A (6:45-7:00)
- Feedback Stations (7:00-7:40)
  - Project Process, Funding, and Environmental
  - San Francisco
  - Main Span
  - Yerba Buena Island (YBI)
- Station Reports (7:40-7:45)
- Adjourn (7:45)
Previous Studies

- Feasibility Study (2002)

PSR-PDS (2014)
Project Goals

- Downtown San Francisco bicycle & pedestrian link to East Bay & Treasure Island
- Facilitate and not hinder Caltrans maintenance access
- Buildable and fundable alternative

Affordable  Approvable  Inspiring
Project Description

- San Francisco touchdown ~2500 feet or ½ mile
- Main Span 10,000 feet or ~ 2 miles
- YBI touchdown and path ~ ½ mile
Project Benefits

- Transportation link from East Bay and Treasure Island to/from San Francisco.
- Connects to East Span Pathway (Bay Bridge Trail)
- Tourism, health and recreation
- Closure link for the Bay Trail
- Class 1 - Protected from vehicular traffic
- Accessible (ADA) – 5% or less continuous or 12H:1V w/landings
Workshop Goals

- Project information and process
- Feedback on initial alternatives
- How will you use the path?
- Where should the path connect?
- Features and Amenities
- Suggestions or Concerns
Pathway Options
The Distance

- How far and how long?

<table>
<thead>
<tr>
<th>Pathway Segments</th>
<th>Length (miles)</th>
<th>(mins)</th>
<th>(mins)</th>
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<tbody>
<tr>
<td><strong>BPM Pathway</strong></td>
<td></td>
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<tr>
<td>SF Approach</td>
<td>0.5</td>
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<tr>
<td>Main Span (West)</td>
<td>2.0</td>
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<td>YBI Approach and Path</td>
<td>0.4</td>
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<tr>
<td><strong>Bay Bridge Trail</strong></td>
<td>4.4</td>
<td>26</td>
<td>88</td>
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<tr>
<td>East Span</td>
<td>2.3</td>
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<tr>
<td>Approach</td>
<td>1.1</td>
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<tr>
<td>Emeryville (Shellmound)</td>
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<tr>
<td><strong>Total Bay Bridge Trail &amp; Pathway</strong></td>
<td>7.3</td>
<td>44</td>
<td>145</td>
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</table>
Pathway Section

Ohlone Greenway: El Cerrito
Pathway Width

East Span 15½’

Golden Gate: 10’ max

Tilikum Crossing 2 x 14’

Brooklyn 8’ to 16’
Amenities

- Benches
- Look Out
- Lighting
- Safety/ Call Boxes
- Wayfinding
- Interpretive Displays
San Francisco Landing Options
Downtown SF Approaches
Where should the path connect in San Francisco?

- 19 Alternatives → 6 Alternatives
- Touchdown locations range from Essex Street to The Embarcadero
- North and South bridge connections
Downtown SF North Approaches

- 3 Alternatives considered for further study
  1. Essex Street
  2. Caltrans Paint Yard
  3. The Embarcadero
Downtown SF South Approaches

- 3 Alternatives considered for further study
  1. Beale Street
  2. Caltrans Paint Yard
  3. The Embarcadero
Elevator Option

- At Pier W1 – touchdown just west of Embarcadero
- Elevator Only Option – no ramps
- Dual High Speed – high capacity
Essex Street Landing
Paint Yard Landing
San Francisco Path Options
Cross-Sections

Stand-alone

Attach to Existing

On-deck
Yerba Buena Island Options
YBI Options

• Interface with ongoing projects
YBI Options

• 6 major options
YBI - East Bike/Ped Vista Point

• Connection from East Span Trail
• Vista Point w/bathrooms, water, bike racks, signage/info
YBI – Below Hillcrest-1

- Cut or retained fill with some structures
- Interference with Cost Guard Access
YBI – Below Hillcrest-2

- Cut or retained fill with some structures
- Steep terrain and slopes
YBI – Above Hillcrest – N/S

- Cut or retained fill above Hillcrest (to inside)
- North option – use of west side ramps
YBI – Suspended & Tunnel Options

- Tie-in to Main Span Suspended Option
- Option to continue through crown of existing tunnel
Main Span Options
Main Span Alignments

- North or South Options; similar alignments
- Suspended Elevated Deck Option
- Structural and architectural alternatives
North or South

Do you prefer the path on the north or south side of the bridge?
Propped Cantilever Options
Cantilever Beam w/Moment Connection
Pinned Boomerang Deck

Extended Alternate
Outboard Deck w/Existing Suspension Cable
Deck Uplift w/stay cables

Tamar Bridge Path Addition
Suspended Elevated Deck
Suspended Elevated Deck
Project Timeline

- Funding required to advance design and construction

<table>
<thead>
<tr>
<th>Alternatives Screening</th>
<th>Conceptual Design</th>
<th>Preliminary Design</th>
<th>Environmental Studies</th>
<th>Final Design (PS&amp;E)</th>
<th>Funding/Procurement</th>
<th>Construction</th>
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<tr>
<th>Current BPM Project</th>
<th>Future Phases (Est. 8-10 Years)</th>
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<td>2015</td>
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<td>2016</td>
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🌟 Public Workshops
Agenda – Q&A

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**General Q&A (6:45-7:00)**

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  o Project Process and Environmental
  o San Francisco
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  o Yerba Buena Island (YBI)

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Breakout Stations

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Summary of Breakouts

- Project Overview and Planning
- San Francisco Touchdown
- Main Span
- Yerba Buena Island
Next Steps

- Evaluate Feedback – inform design process
- Conceptual design and initial cost estimates
- 2\textsuperscript{nd} Workshop – Fall 2016
- Complete Environmental Studies
- Final Design
- Funding
- Construction
Thank you!