BICYCLE PEDESTRIAN ADVISORY COMMITTEE

October 5, 2017

TONIGHT’S MEETING

- VICINITY
- ACCIDENT DATA
- PAST STUDIES
- PROJECT PARTNERS
- PROJECT PURPOSE
- POC ALTERNATIVES
- PROJECT COST & FUNDING
- ENVIRONMENTAL REVIEW PROCESS
- PROJECT SCHEDULE
GILMAN ST. VICINITY MAP

ACCIDENT DATA 2011-2013

West Bound On-Ramp
Injuries + Fatalities: 32% above State Average
Total: 54% below State Average

West Bound Off-Ramp
Injuries + Fatalities: 80% above State Average
Total: 176% above State Average

East Bound Off-Ramp
Injuries + Fatalities: 31% above State Average
Total: 40% below State Average

East Bound On-Ramp
Injuries + Fatalities: 177% above State Average
Total: 44% above State Average
PAST STUDIES

- West Berkeley Parking and Circulation Study (1998)
- Gilman Street Interchange Improvement Study (2005)
- Project Study Report-Project Development Support (PSR-PDS) (2014)

PROJECT PARTNERS

- Alameda CTC
- City of Berkeley
- Caltrans

CONSULTANT TEAM KEY MEMBERS

- Parsons – Project Management
- OMNI-MEANS – Roundabout Design
- TJKM – Traffic Engineering
PROJECT PURPOSE

Simplify and improve the navigation, mobility, and traffic operations at the I-80/Gilman Street interchange.

Reduce congestion, vehicle queues and conflicts at the I-80/Gilman Street interchange.

Improve local and regional bicycle connections and pedestrian facilities through the I-80/Gilman Street interchange.

Improve safety for all modes of transportation.

GILMAN STREET INTERCHANGE
OUTREACH MEETINGS

DIRECT STAKEHOLDERS
- Caltrans
- City of Berkeley
- EBRP
- EBMUD
- Golden Gate Fields
- PG&E

INDIRECT STAKEHOLDERS
- City of Albany
- UPRR
- ABAG
- City of Berkeley Recycling
- Local Business Owners
- Public

ADVOCATES
- Bike East Bay
- Rollers & Strollers
- Friends of Five Creeks
- Caltrans PAC
- Alameda CTC BPAC

PERMITTING AGENCIES
- US Army Corps of Engineers
- California SHPO

PAST MEETINGS
- March 23, 2016 | Caltrans PAC
- April 7, 2016 | Alameda CTC BPAC
- April 27, 2016 | Open House (North Berkeley Senior Center)

FUTURE MEETINGS
- Oct 5, 2017 | Alameda CTC BPAC
- October 19, 2017 | Berkeley TC
- Oct TBD | Caltrans PAC
- Jan 25, 2018 | Public Meeting
DESIGN ELEMENTS

• Two roundabouts
• Gateway Theme
• New sidewalks, undercrossing, and pedestrian/bike overcrossing
• Access restrictions to and from East Frontage Road
• Two-way Cycle Track on Gilman
• Extended Bay Trail

DESIGN ELEMENTS

• Only need to watch for traffic coming from one direction at a time
• Shorter pedestrian crossings
• Slower traffic
• Pedestrian refuges
• Landscape separation
• Shared-use path
POC ALTERNATIVES
EXISTING MIXED-USE PATHS

Bicycle and pedestrian path on east span of SF-Oakland Bay Bridge

University Ave pedestrian overcrossing
### PROS AND CONS

<table>
<thead>
<tr>
<th></th>
<th>Northern A1 (horseshoe)</th>
<th>Northern A2 (to Codornices Creek)</th>
<th>Southern A3 (horseshoe)</th>
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</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
<td>PRO - 1490 ft.</td>
<td>CON - 3360 ft.</td>
<td>PRO - 1490 ft.</td>
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<tr>
<td><strong>Ped/bike Safety</strong></td>
<td>PRO - no interference with freeway ramps</td>
<td>PRO - removes all at-grade crossings</td>
<td>PRO - no interference with freeway ramps</td>
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<tr>
<td><strong>Environ. Impacts</strong></td>
<td>CON - impacts to GG Fields</td>
<td>CON - fed/state listed species, archaeological site</td>
<td>PRO - minimized impacts</td>
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<tr>
<td><strong>R/W</strong></td>
<td>CON - R/W take from GG Fields and Eastshore Hwy.</td>
<td>CON - easement from GG Fields, crosses UPRR</td>
<td>PRO - R/W available with few impacts</td>
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<tr>
<td><strong>Cost</strong></td>
<td>PRO - $14-15M</td>
<td>CON - $28-30M</td>
<td>PRO - $14-15M</td>
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<tr>
<td><strong>Schedule</strong></td>
<td>CON – 12-18month delay due to R/W take</td>
<td>CON – 2 yr. delay due to env &amp; R/W impacts</td>
<td>PRO – No Delay!</td>
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### GILMAN PEDESTRIAN OVERCROSSING RENDERING

*For information purposes only – Not to scale*
PROJECT COST AND FUNDING

• Construction cost currently estimated at $23.6 Million (in 2017 dollars).
• Measure BB Transportation Sales Tax commits $24M
• $460K from Federal funding
• $4.1M from ATP (Cycle 3)

ENVIRONMENTAL REVIEW PROCESS

• Environmental document will be an Initial Study/Environmental Assessment.
• Environmental Resources to be studied:
  – Visual/aesthetic resources
  – Cultural resources (historic, archaeological, & Native American coordination)
  – Water quality, hydrology, & floodplain
  – Geology, soils, seismic, & topography
  – Paleontology
  – Hazardous materials
  – Air quality
  – Noise & vibration
  – Wetlands
  – Habitat for special-status species
  – Traffic, bicycle, & pedestrian
  – Community
  – Utilities
CURRENT SCHEDULE

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<td>Environmental</td>
<td>10/15 - 06/18</td>
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<td>Final Design (PS&amp;E)</td>
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<td>Right-of-Way</td>
<td>10/17 - 5/19</td>
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<td>Ad / Award</td>
<td>11/19 - 12/19</td>
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<tr>
<td>Construction</td>
<td>10/19 - 11/21</td>
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Thank You!
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