US 101/SR 92 Interchange Projects Status Update

TA Board Meeting
Oct 3, 2019
Agenda Item #11 (a)
Short-Term and Long-Term Projects

- US 101/ SR 92 Interchange Area Improvements Project (Short-Term)
- US 101/ SR 92 Direct Connector Project (Long-Term)
Presentation Overview

- Status of the Projects
- Project Stakeholder
- Purpose and Need
- Alternatives
- Cost Estimates
- Schedule
- Next Step
Status of Projects

PRELIMINARY PLANNING STUDY (PPS)

PPS Completion
June 2016

PROJECT SCOPING AGREEMENTS

Measure A CFP Funding Allocation
February 2018

PROJECT INITIATION DOCUMENT (PID)

PSR-PDS Begin
June 2018

PSR-PDS (Short–term) Completion
November 2019

ENVIRONMENTAL

PSR-PDS (Long–term) Completion
February 2020
Stakeholders

Oversight and PID Approval Agency

Funding and Implementing Agencies

Project Partner

Project Co-Sponsors
Purpose and Need (Short-Term)

Purpose
• Improve local access from US 101.
• Provide operational improvements at the US 101/SR 92 interchange ramps.

Need
• Inadequate ramp capacity at WB SR 92 to SB US 101 loop connector.
• Inadequate ramp capacity at US 101 NB Hillsdale Blvd. off ramp.
• Illegal crossing at gore area to exit US 101 SB at Fashion Island Boulevard off ramp.
• Short merge and heavy traffic volume from US 101 to EB SR 92.
Purpose

• Improve operational efficiency of the interchange.
• Increase person throughput.
• Encourage carpooling and transit use.

Need

• Heavy traffic congestion on WB SR 92, from San Mateo-Hayward Bridge to NB and SB US 101 during the AM peak period.
• Heavy traffic congestion from NB and SB US 101 to San Mateo-Hayward Bridge during the PM peak period.
Four Improvements

- SB US 101 Fashion Island Blvd Exit Re-stripping and Ramp Realignment
- US 101 to EB SR 92 Re-stripping
- WB SR 92 to SB US 101 Ramp Widening
- NB US101 Hillsdale Blvd Off Ramp Widening and Hillsdale Blvd Minor Modifications
WB SR 92 to SB US 101 Ramp Widening
US 101 to EB SR 92 Re-striping
SB US101 Fashion Island Blvd Exit Re-striping and Ramp Realignment

Existing

Proposed
NB US 101 Hillsdale Blvd Off Ramp and East Hillsdale Blvd Minor Modifications
Alternative 1: WB Direct Connector (From WB SR 92 to NB and SB US 101)

San Mateo

SR 92 Direct Connector Cross Section

US 101 Cross Section
Alternative 2: Reversible Direct Connector

San Mateo

NW US 101

SB US 101

AM
Alternative 2: Reversible Direct Connector
Alternative 2: Reversible Direct Connector

Electronic Gating System
# Planning Level Cost Estimates

<table>
<thead>
<tr>
<th></th>
<th>Area Improvements</th>
<th>Direct Connector</th>
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<tbody>
<tr>
<td></td>
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<td>Alternative 1</td>
</tr>
<tr>
<td>PA&amp;ED</td>
<td>$ 2.4M</td>
<td>$ 13.6M</td>
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<tr>
<td>PS&amp;E</td>
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<td>Right-of-way (Capital</td>
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<td>and Support)</td>
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<tr>
<td>Construction (Capital</td>
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<td>$ 132.4M</td>
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<td>and Support)</td>
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<tr>
<td>Total</td>
<td>$28.1M</td>
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# Schedule

## Area Improvements Project:

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<tbody>
<tr>
<td>PA&amp;ED</td>
<td>Spring 2020</td>
<td>Fall 2021</td>
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<tr>
<td>PS&amp;E</td>
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<td>Winter 2022</td>
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<tr>
<td>Construction</td>
<td>Spring 2023</td>
<td>Summer 2024</td>
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## Direct Connector Project:

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<tr>
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<tr>
<td>Construction</td>
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Next Step

Area Improvements Project:
• Obtain Caltrans approval and signatures on final PSR-PDS
• Submit CTC Funding allocation ($2.4M)
• Initiate Environmental phase

Direct Connector Project:
• Submit draft PSR-PDS to Caltrans for review in December