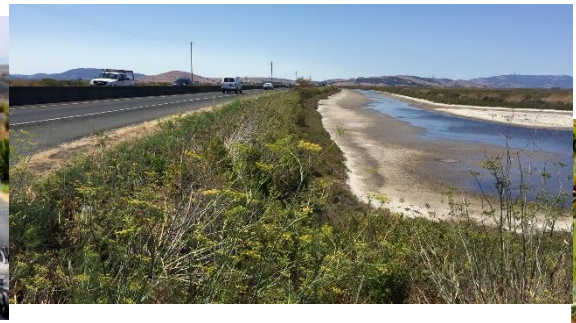
State Route 37 Transportation and Sea Level Rise Corridor Improvement Plan

Policy Committee: November 2, 2017

With Support From:

The SR 37 Corridor

Goals and Objectives

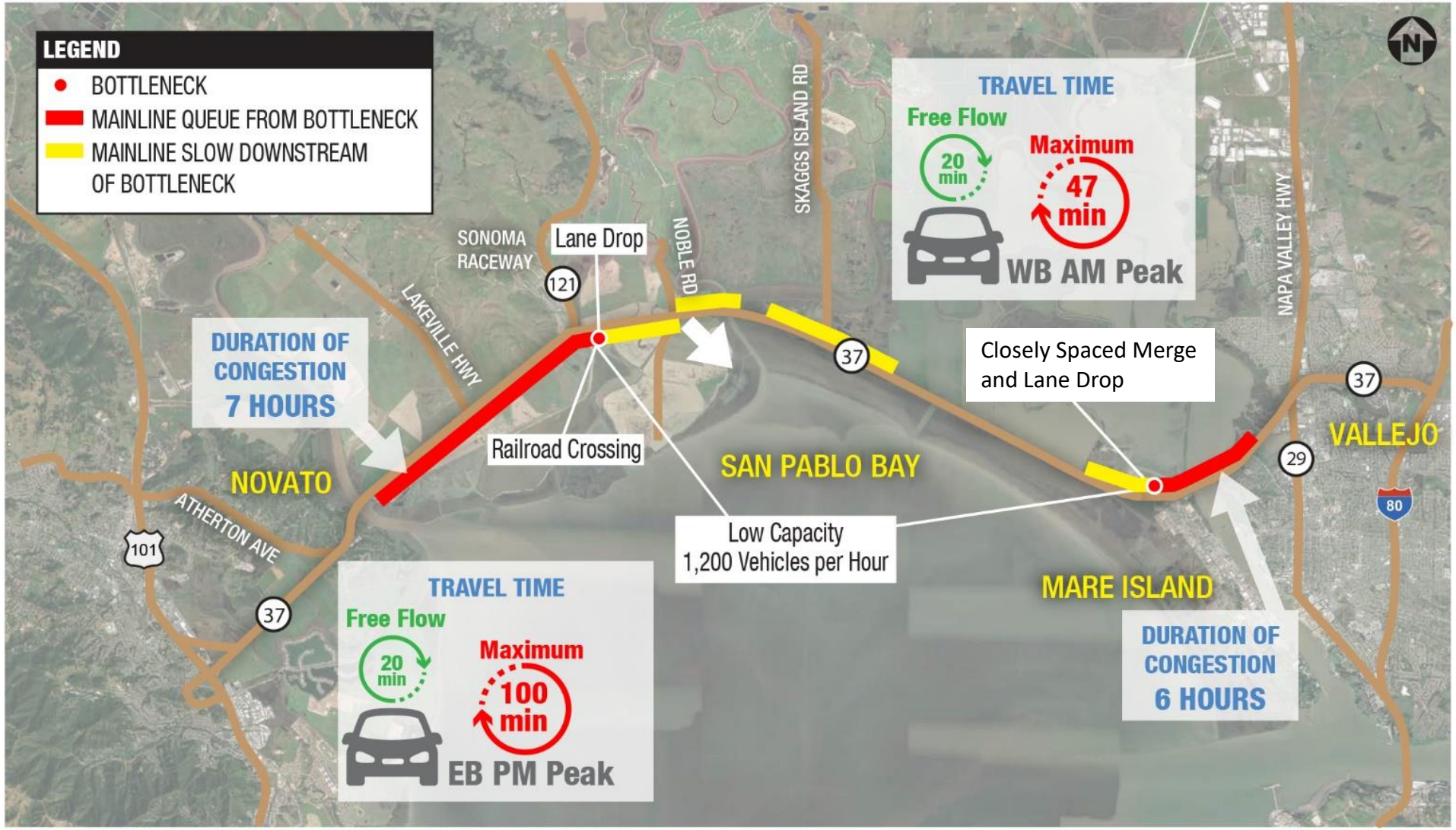


Produce an integrated transportation and ecosystem design

Improve mobility across all modes and maintain public access

Increase corridor for resiliency to storm surges and sea level rise

100 Minutes to Travel Back Home Every Day



Source: Kimley-Horn, 2017.

- **6 Hours** of Congestion During Weekday AM Commute (Westbound)
- **7 Hours** of Congestion During Weekday PM Commute (Eastbound)
- **Weekend** Congestion Throughout Most of the Day
- **No Transit** Services

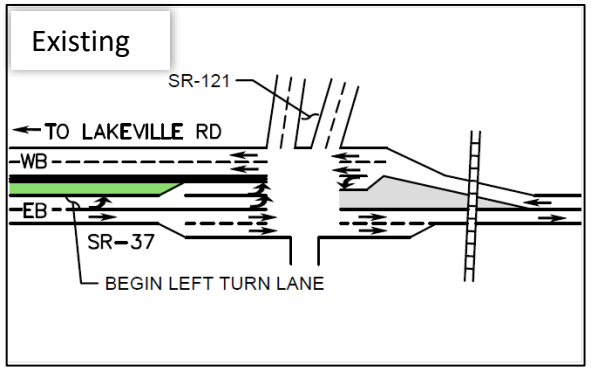
Segment B is the Priority Segment

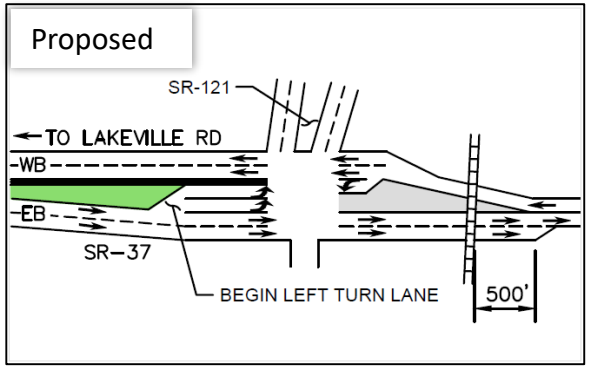
Segment Risk Rating	Segment A	Segment B	Segment C
Effect on Existing Traffic Congestion	1	3	1
Effects on Environmental Resources	2	3	1
Impacts Due to Sea Level Rise	3	3	1
Economic Impact on Commuters	3	3	3
Economic Impact on Goods Movement	2	3	3
Impacts to Recreational Activities	2	3	2
Length of Segment Impacted/Capital Improvement Cost	3	3	1
Composite Risk Rating	**2**	**3**	**2**

Note: Risk ratings were assigned as follows: 1.0 - 1.4 (low), 1.5 - 2.4 (moderate), and a 2.5 - 3.0 (high)

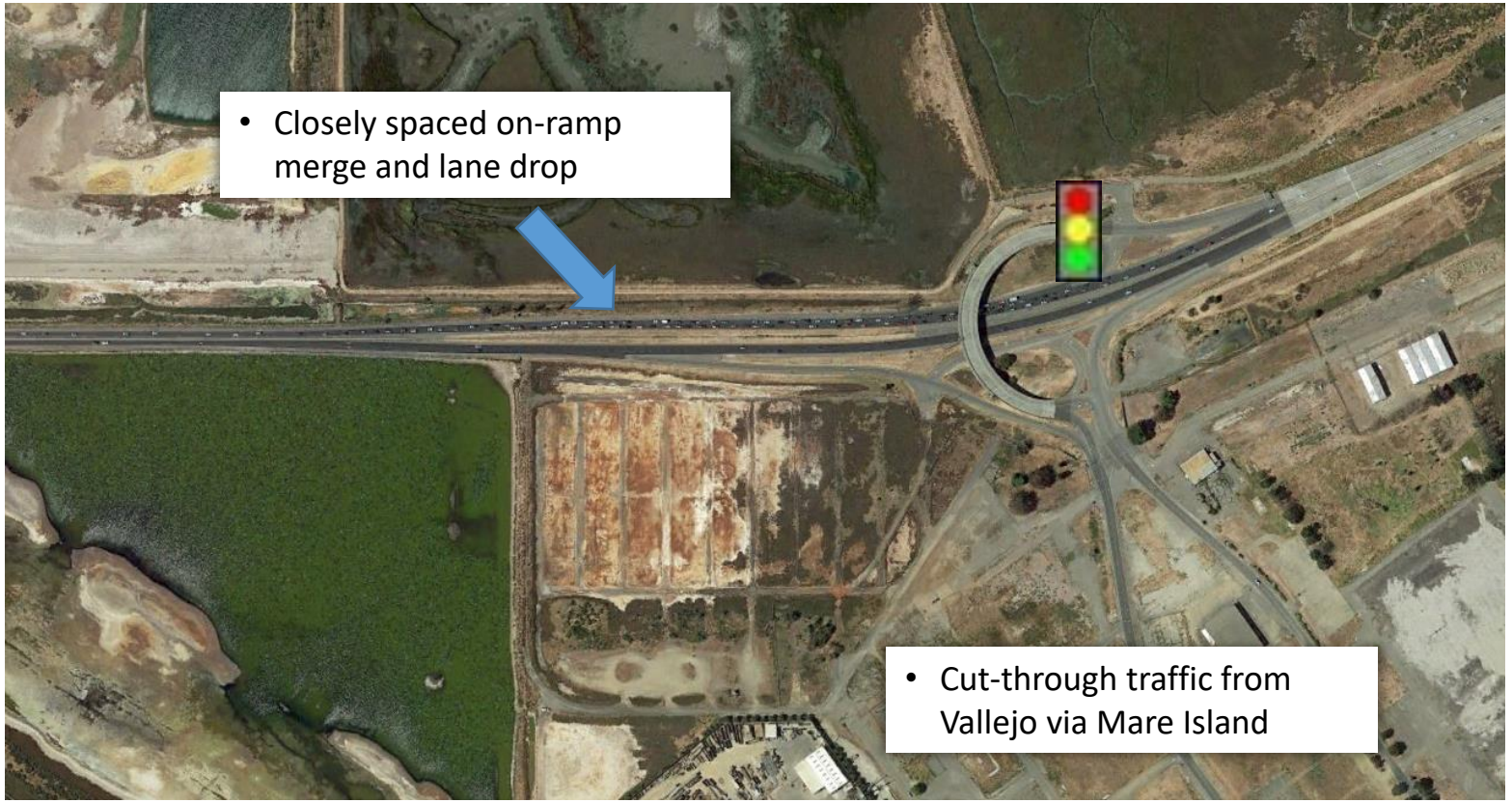
Near-Term Operational Improvements at SR 121

- Extend 2 Eastbound Lanes East of Railroad Crossing
- SR 121 Intersection Improvements
- Increase Existing Throughput

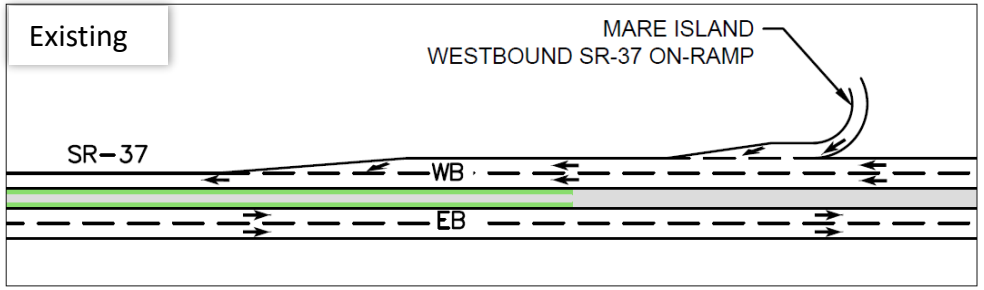


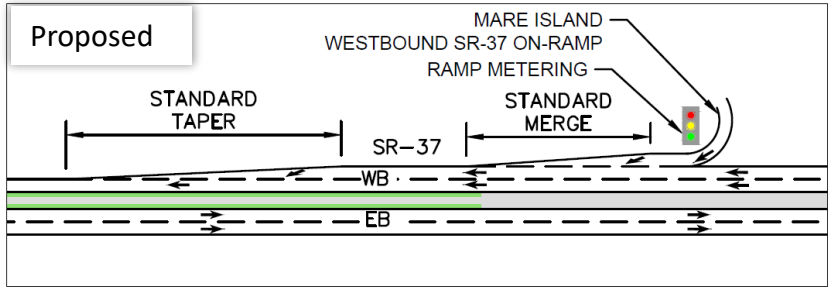


Near-Term Operational Improvements – WB at Mare Island



- Metering Westbound on-ramp
- Improve on-ramp and lane drop merges
- Increase Existing Throughput





Recommendation

- Approve the following:

  1. Support Segment B as the priority corridor segmetn from Mare Island Interchange to SR 121 for the Phase 2 Design Alternatives Assessment

  2. Support the following Phase 1 Near Term Project priorities for 2018 SHOPP projects:
     a. SR 37/SR 121 Intersection Improvements
     b. SR 37/Mare Island Interchange Improvements
        - Metering at Mare Island WB on-ramp
        - Westbound merge and lane drop improvements west of Mare Island on-ramp
     c. SR 37 near term flooding improvements corridor wide

Next Steps – Focus on Priority Segment B

- Develop Preliminary Design for Segment B:
  - 3-Lane and 4-Lane Options
  - Hybrid Roadbed Design Option: Causeway/Box Culvert/Levee
  - Interchange Improvements at Mare Island and SR 121
  - Bay Trail/Bike Facility options
  - Refine Cost Estimates
- Near-Term Operational Improvements at SR 121 and at Mare Island
- Conduct Traffic Analysis for the Corridor
- Develop Shoreline/Flood Protection Strategies (Near-Term)
- Evaluate Transit Options for the Corridor
- Environmental Community Outreach & Public Outreach
- Complete Phase II/Design Alternative Assessment by Spring, 2018