

Richmond-San Rafael (RSR) Bridge Project Updates

BATA Oversight Committee Meeting

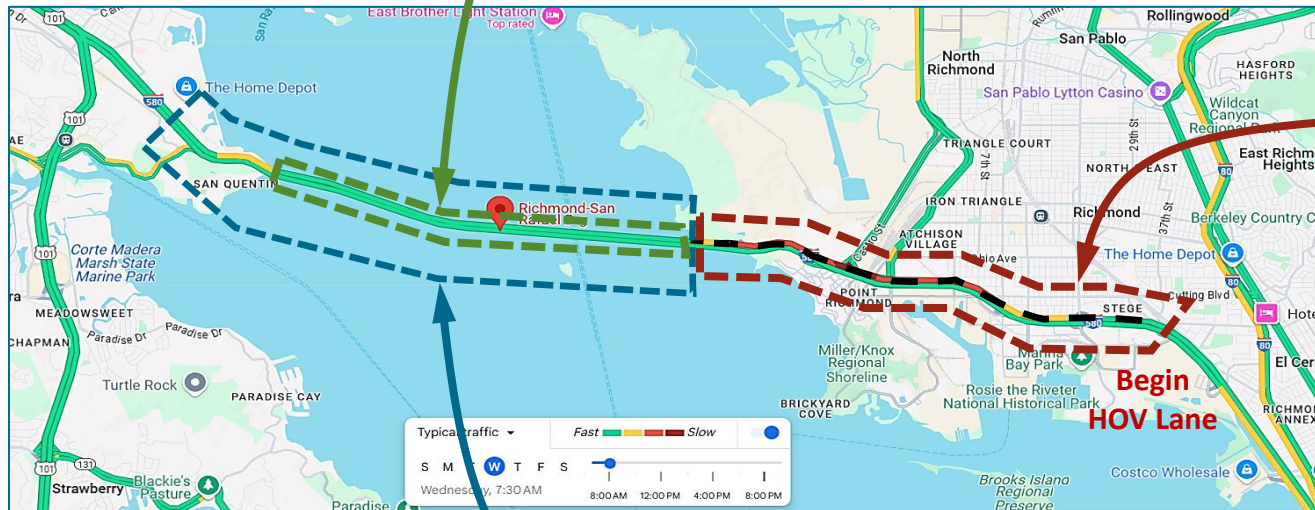
May 14, 2025



RSR Bridge Corridor Projects

RSR Bridge Pilot

Proposed Modifications to Bike/Ped Path



RSR Forward

Open Road Tolling (ORT) at Toll Plaza HOV Lane Extension to Regatta Blvd.

RSR Bridge WB Upper Deck Study

Evaluate alternatives for using the shoulder to provide part-time HOV lane and/or multi-use Bike/Ped path

RSR Forward: Open Road Tolling & I-580 WB HOV Lane



Interim ORT
(Spring 2026)



Final ORT
(Winter 2028)

RSR Bridge Westbound Upper Deck Study

- **Study Baseline:**

- RSR Forward project complete
- RSR Bridge Third HOV lane (HOV 2+) would be open during AM/PM peak hours , Mon -Thurs afternoon
 - Outside of weekday AM/PM peak, the lane to operate as an emergency shoulder
 - Maintain Bike/Ped Path from Thursday afternoon to Sunday night
 - HOV lane hour of operations match the HOV hours on the Bridge approach and RSR Forward project (5-10AM and 3-7 PM)

- **Objective:**

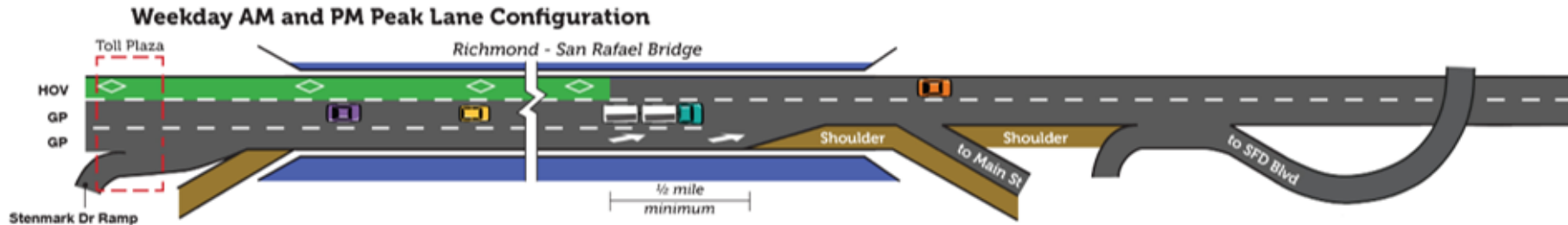
- Increase carpooling and transit use through time savings from continuous HOV lane from Regatta Blvd (built by RSR Forward) across the bridge



Alternatives Considered

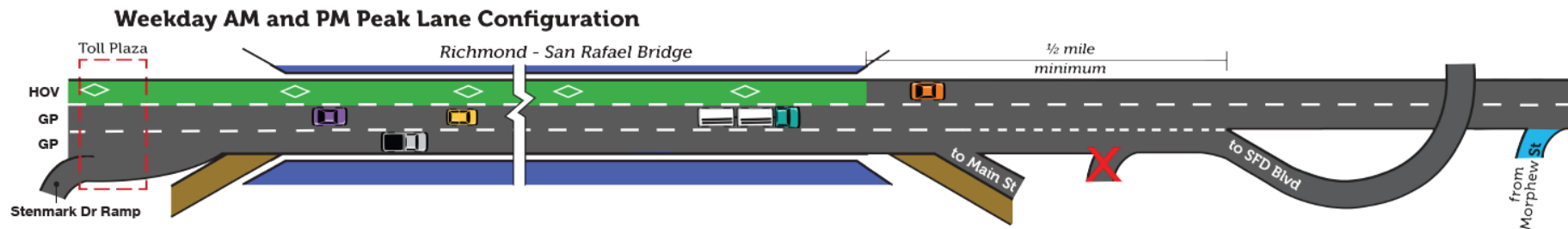
Alternative 1: Bridge Only Improvements

Extend HOV lane from toll plaza to ½ mile before Main St. off-ramp.

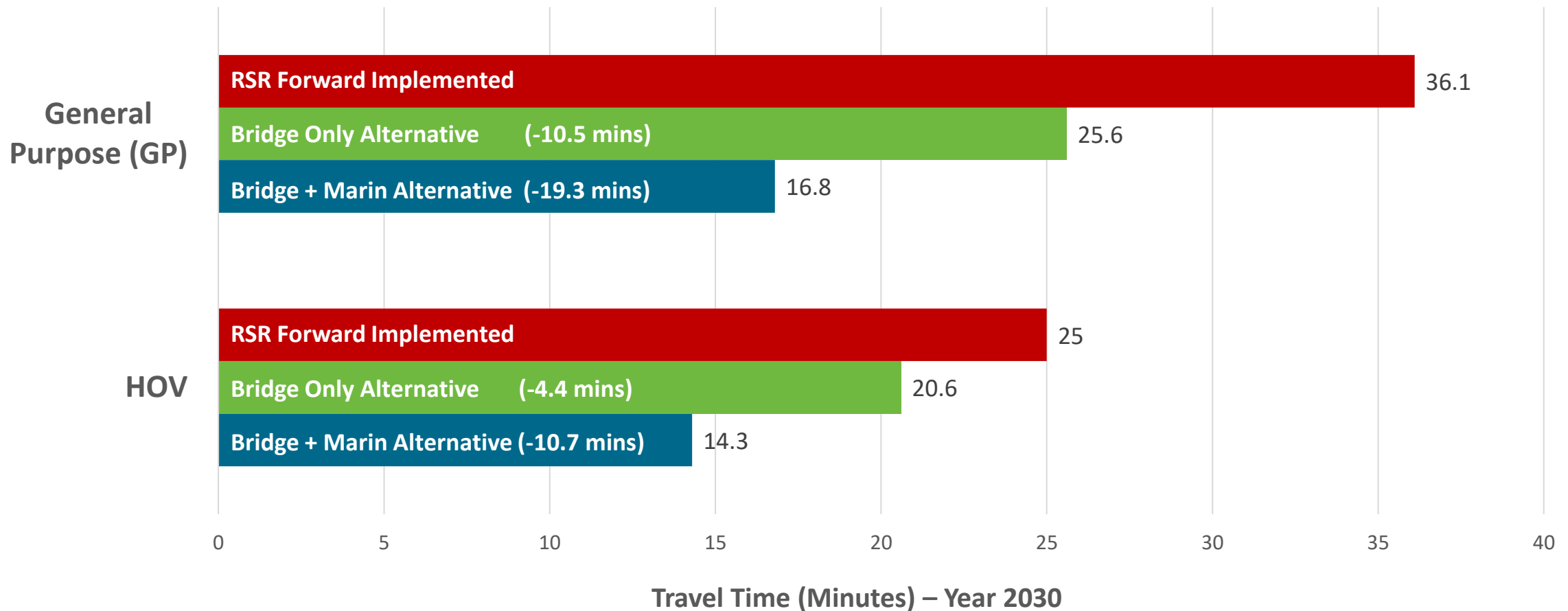


Alternative 2: Bridge and Marin Co. Improvements

Provide longer HOV lane extension, ending ½ mile before Sir Francis Drake off-ramp; requires additional improvements in Marin County (e.g., relocate Francisco Blvd. on-ramp to west of the Sir Francis Drake connector)



Travel Time Savings (AM Peak) for GP and HOV Users



- Note:
- Travel time is along WB I-580 from the I-580/I-80 Interchange in Albany to the merge point with NB US 101 (Year 2030).
 - "RSR Forward Implemented:" reflects expected travel time savings for GP by 3-5 min and for HOV by 10-12 min compared to today's condition.

Preliminary Assessment

- **Environmental:**
 - No significant impact due to the project's physical improvement
 - Transportation Impact due to the project's likely increase to Vehicle Miles Traveled (VMT)
- **Cost:**

	Bridge Only Alt	Bridge + Marin Co Alt
Support	\$5 M	\$13 M
Capital	\$9 M	\$32 M
Total Project Cost (2030 \$)*	\$14 M	\$45 M

- *Excluding any environmental mitigation costs, O&M cost (\$2 M/year), and structural strengthening cost (Initial estimate approximately \$20 M)*

Benefit / Cost Ratio	55.5	17.4
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What to Expect?

A RSR Bridge Pilot

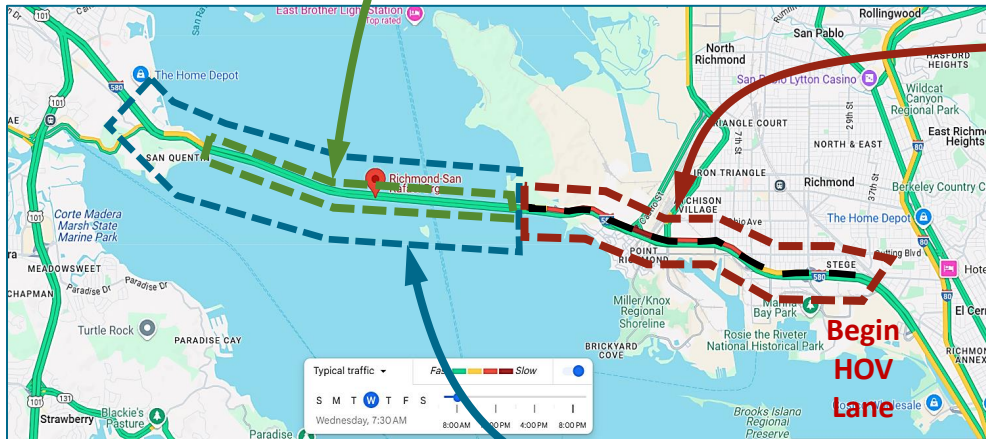
Fall 2025: Start Modified Pilot if approved by BCDC
Upper Deck: Restore shoulder Mon - Thurs

B RSR Forward

Summer 2025: Begin Construction phase of ORT and HOV Lane with major roadway work to begin in the Fall

C RSR Bridge WB Upper Deck Improvement

Summer 2025: Start Environmental phase of proposed project (Today's Action)



Recommendation

Authorize staff to pursue:

- Next phase of project delivery of Westbound Upper Deck Improvement Project

This allows staff to:

- Work with Caltrans to form a project team.
- Conduct project initiation and environmental approval process
- Explore ways to expedite project delivery



Thank You

PHOTO: TOM PAIVA

BAY AREA TOLL AUTHORITY

