

Measure A 2017 Highway Program Call for Projects Application Submittals
Summary List of Projects Descriptions: Ranked List

1. US 101 Managed Lanes Project

Request: \$22,000,000 (PS&E: \$20,000,000, ROW: \$2,000,000)

Sponsor: C/CAG – TA

Scope: Plans Specifications and Estimates (PS&E) and Right of Way (ROW) support and utility relocation for continuous managed lanes in the north and southbound directions of US 101 from I-380 in South San Francisco, to the Santa Clara County Managed Lanes Project. The proposed project will convert existing High Occupancy Vehicle (HOV) lanes into managed lanes south of Whipple Avenue and convert inside general purpose lanes north of Whipple Ave. Existing auxiliary (aux.) lanes will be converted to general purpose lanes by continuing them through interchanges. New aux. lanes to be added back where essential for maintaining mainline freeway operations and the operation of ramps impacting local streets.

Benefit: The Project will reduce delays and improve travel time and reliability by providing new managed lanes for use by HOV3+ (vehicles w/ 3 or more occupants), motorcycles and transit for free and other vehicles for a toll. It will encourage carpooling and transit use as an alternative to driving alone, increasing person throughput, and reduce adverse impacts from cut-through traffic on local streets to avoid congestion on US 101.

2. US 101/Woodside Road (SR 84) Interchange Project

Request: \$20,000,000 - ROW

Sponsor: Redwood City

Scope: ROW acquisition and utility relocation required for the reconstruction of the US 101 Woodside Interchange. Add vehicular lanes and improve pedestrian and bicycle access on SR 84, reconfigure, expand and signalize interchange ramp intersections, modify intersections of SR 84 with Veterans Blvd (direct flyover ramp), Broadway (eliminate the southbound off-ramp "fifth leg"), and Bay Rd south of US 101, and Seaport Blvd/East Bayshore/Blomquist St. north of US 101.

Benefit: The Project will improve the operation of ramps and intersections within the interchange, reducing backups on US 101 and local streets. It will reduce congestion, which in turn will reduce delay & collision potential & improve travel and safety conditions for all modes of transportation passing through this interchange.

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3. US 101/SR 92 Direct Connector Project (long term Improvements)

Request: \$2,000,000 - PID

Sponsor: Foster City- San Mateo

Scope: Preparation of a Project Initiation Document (PID) to further study alternatives identified as long term direct connection improvements within the US 101/SR 92 Interchange that may include: 1) Proposed managed lane connections from westbound SR 92 to proposed north and southbound managed lanes on US 101, and 2) Reconstruction of the direct southbound US 101 connector to eastbound SR 92, eliminating existing lane merges between the existing US 101 north and southbound connectors to eastbound SR 92.

Benefit: The proposed managed lane direct connectors will allow HOV and other eligible vehicle flows to bypass congestion in general purpose lanes, encourage carpooling & reduce demand on the existing interchange ramp connections. The new southbound 101 connector to eastbound 92 will eliminate a major bottleneck, improve safety and increase capacity. The proposed improvements can reduce congestion spillover onto local streets.

4. US 101/SR 92 Interchange Improvement Project (short term improvements)

Request: \$630,000 - PID

Sponsor: Foster City- San Mateo

Scope: Preparation of a PID to further study alternatives that can be implemented in the short term, including the: 1) Addition of an HOV lane to the existing loop connector from westbound SR 92 to southbound 101, 2) Elimination of lane merges between the north and south bound ramps to eastbound SR 92, 3) Modification of the southbound US 101 exit onto Fashion Island Boulevard to deter drivers from illegally crossing onto the eastbound SR 92 exit to bypass queuing, and 4) Widening of the northbound US 101 off-ramp to Hillsdale Boulevard from 2 to 3 lanes.

Benefit: The proposed improvements will improve traffic flow and safety and alleviate congestion at existing bottlenecks within the interchange, reducing spillover onto local streets. The northbound US 101 off ramp at Hillsdale will increase storage capacity of the ramp and improve traffic flow by alleviating queuing back-ups on US 101.

5. Bayfront Expressway, Willow and Marsh Road Adaptive Signal Timing Project

Request: \$173,250 - Planning

Sponsor: Menlo Park

Scope: Planning work for the deployment of an adaptive signal timing system project to improve traffic flow that includes 11 traffic signals on Willow Road between Middlefield and Bayfront Expressway, 5 traffic signals on Marsh Road between Bay Road and Scott Drive/Rolison Avenue, and 6 traffic signals on Bayfront Expressway.

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Benefit: This project will improve traffic flow on the approaches to the Dumbarton Bridge, helping to alleviate congestion that impacts local and regional trips, including the reduction of cut-through traffic in adjacent residential neighborhoods.

6. SR 1/Manor Drive Overcrossing

Request: \$1,220,000 (Preliminary planning study: \$610,000, PID: \$610,000)

Sponsor: Pacifica

Scope: Preparation of a preliminary planning study and a PID to assess the widening of the Manor Drive SR 1 overcrossing between Palmetto Avenue and Oceana Boulevard, flare the Manor Drive overcrossing curb returns and install traffic signals at the Manor Drive intersections with Palmetto Avenue and Oceana Boulevard.

Benefit: The widening of the existing overcrossing and increase in turning radii at the corners will better accommodate all modes of traffic, providing additional space for buses and trucks as well as bicyclists. Replacement of the existing four-way stop signs at the Palmetto and Oceana intersections with traffic signals will help improve local traffic flow.

7. Railroad Avenue Extension Project

Request: \$630,000 (Preliminary planning study: \$180,000, PID: \$450,000)

Sponsor: South San Francisco

Scope: Preparation of a preliminary planning study and PID for the construction of a new three lane road between South Linden and East Grand Avenue/Allerton Avenue on an existing railroad spur that will be coordinated with the UPRR . It will address significant alignment and profile challenges crossing US 101, Airport Boulevard and the Caltrain Corridor.

Benefit: The proposed new roadway would provide another east-west access across US 101 in South San Francisco, improving local circulation for motor vehicle traffic as well as pedestrians and bicyclists.