

**San Mateo County Transportation Authority
Measure A Highway Program Call for Projects - Final Recommendations**

Tier I Projects - Recommended for Funding								Benefits of Project	Remaining Funds Needed to Complete Project ³
Project and Description	Sponsor	Sponsor Funding Request	TA Program Support ¹	Program and Allocate	Funding Award Details	Funding Track ²	Est. Phase Completion		
SR 92/82 (El Camino Real) Interchange Improvements: Conversion from a full to partial cloverleaf interchange. Realign and widen on- and off-ramps and add signalized intersections at ramp termini. Widen sidewalks and add bike lanes on SR 82.	San Mateo	\$16,000,000	\$200,000	\$16,200,000	Program and allocate \$16,200,000 for construction. Allocation conditioned on ROW certification and completion of PS&E.	KCA	Jun-18	The reconfiguration of the ramps will improve both safety and operation by eliminating the short weave movements between on- and off-ramps which contribute to queuing and spillback onto 92, resulting in congestion and a high number of accidents. Bicyclist and pedestrian movements along the El Camino Real within the interchange will be improved.	\$0
US 101/Woodside Road (SR 84) Interchange Improvements⁴: Add vehicular lanes, sidewalks and bikeways on Woodside Road/Seaport Boulevard, expand and signalize ramp intersections, eliminate southbound off-ramp "fifth leg" at Broadway, and build a direct ramp serving Veterans Boulevard.	Redwood City	\$14,060,000	\$50,000	\$2,650,000	Program and allocate \$2,650,000 for PS&E & ROW. Allocation conditioned on completion of environmental clearance.	KCA	Oct-19	The Project will add substantial capacity and improve the operations of ramps and intersections within the interchange, reducing backups on local streets and highway. This project will reduce existing and projected congestion, which in turn will reduce delay and collision potential and improve travel and safety conditions for all modes of transportation.	\$112,334,000
US 101/Willow Interchange Improvements⁵: Conversion from a full to partial cloverleaf interchange. Replace the existing Willow Road overcrossing with additional vehicular lanes, sidewalks on both sides and new enhanced bikeways. Realign and widen on- and off-ramps with new signals at intersections.	Menlo Park	\$64,000,000	\$400,000	\$56,400,000	Program and allocate \$56,400,000 for construction. Allocation conditioned on ROW certification and completion of PS&E.	KCA & OM	Jun-18	The Project will address operational deficiencies both on 101 and Willow Road that are caused by the short weave between on- and off-ramps. Backups and upstream queuing on 101 will be improved. Travel time will be reduced and reliability increased with these improvements. All modes of travel will realize safety and operational benefits from the widening of Willow Road through the limits of the project.	\$8 to \$10.4 million. STIP funds requested for construction management (CM) as part of 2016 STIP adoption, March 2016. Caltrans charges a lower rate for CM if STIP funds are used.
US 101/Holly Street Interchange Improvements⁶: Conversion from a full to partial cloverleaf interchange. Realign on- and off-ramps and add signalized intersections at ramp termini. New and widened sidewalks and the addition of bike lanes. A separate pedestrian/bicycle overcrossing has been proposed as part of this project but is not eligible to be funded from the Highway Program.	San Carlos	\$13,580,000	\$150,000	\$10,720,000	Program and allocate \$10,720,000 for ROW and construction. ROW allocation conditioned on completion of environmental clearance. Construction allocation further conditioned on completion of ROW certification and completion of PS&E.	SR	Apr-18	The Project will improve operations by eliminating short weaves that result in backups on both 101 and Holly during peak periods. Ramp termini will be modified to improve safety for bicyclist and pedestrians traveling through the interchange on Holly. The project will help mitigate traffic impacts from recent and planned development near the interchange.	\$0
Total Funding Requests & Recommended Awards for Tier I Projects:		\$107,640,000		\$85,970,000					\$120,234,000 to \$122,734,000

Footnotes

- 1) TA program support costs have been added to recommended project program and allocation awards where the TA is not the lead but will be providing support to the project sponsor and implementing agency.
- 2) KCA: Key Congested Areas, SR: Supplemental Roadways, OM: Original Measure A
- 3) Projected remaining funds needed to complete project after the recommended funding awards are made.
- 4) US 101/Woodside Road Interchange: Sponsor funding request includes \$3,510,000 to cover additional design costs due to scope increase and \$10,550,000 for partial ROW needs. \$1,600,000 of the \$3,510,000 funding request for design is for the PS&E phase; the remainder is for design services during construction, not projected to start until April 2020. The request for ROW includes \$1,000,000 for real estate pre-acquisition services, projected to start October 2016, and partial property acquisition, in the amount of \$9,550,000, not projected to start until October 2018. The requests for design services during construction, in the amount of \$1,900,000, and partial property acquisition, in the amount of \$9,550,000, are beyond the FY2016 and FY2017 timeframe of the current funding call.
- 5) US 101 Willow Interchange: If CTC does not approve request for STIP funds as part of 2016 STIP, a Special Circumstance allocation of \$10.4 million will be needed to fully fund the construction phase of work.
- 6) US 101/Holly Street Interchange: Only \$10,570,000 of the \$13,580,000 sponsor funding request is eligible to be funded from the Highway Program. \$3,010,000 is proposed to fund construction of a separate pedestrian/bicycle overcrossing, which is not eligible to be funded from the Highway Program.
- 7) Phase of work acronyms: PID - project initiation document, PS&E - plans, specifications and estimates, ROW - right of way

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Tier II Projects - Recommended for Funding								Benefits of Project	Remaining Funds Needed to Complete Project ³
Project and Description	Sponsor	Sponsor Funding Request	TA Program Support ¹	Program and Allocate	Funding Award Details	Funding Track ²	Est. Phase Completion		
US 101 Staged HOV Lanes (Whipple to I-380): Provide HOV and/or express (toll) lanes in both northbound and southbound directions of US 101 from Whipple Avenue to I-380 by converting existing auxiliary lanes to through-lanes by continuing them through interchanges. New auxiliary lanes to be added back where essential for maintaining freeway operations.	C/CAG	\$8,500,000	\$0	\$8,500,000	Program and allocate \$8,500,000 for environmental.	SR	Feb-18	The Project will reduce delays and improve travel time and reliability for high occupancy vehicles and transit along the 101 Corridor. It will encourage carpooling and transit use as an alternative to driving alone. It will increase person throughput	\$225,059,000
US 101/Peninsula Avenue Interchange Improvements: Conversion of a partial interchange to a full interchange at Peninsula Avenue by adding new southbound on- and off-ramps and closing the southbound on- and off-ramps at East Poplar Avenue.	San Mateo	\$2,500,000	\$0	\$2,500,000	Program and allocate \$2,500,000 for environmental.	KCA	Dec-17	The Project will improve safety by facilitating the closure of the Poplar on and off ramps which have a higher than average accident rate. It will improve local circulation for all modes in the project area by converting what is currently a partial interchange to a full interchange. Eliminates the circuitous travel patterns from S/B 101 to east of 101. Improves access into north San Mateo residential and business destinations. Improves bicyclist and pedestrian circulation within the project limit.	\$78,389,000
US 101 Auxiliary Lanes (Oyster Point to San Francisco County Line): Add auxiliary lanes in both the north and south bound direction of US 101 between the Candlestick Point Interchange and Oyster Point Boulevard. Includes analysis of HOV and/or express (toll) lanes in the north and southbound direction of US 101 between I-380 and the San Francisco County line.	C/CAG, South San Francisco	\$8,000,000	\$0	\$8,000,000	Program and allocate \$8,000,000 for environmental.	SR	Dec-17	The Project will help mitigate safety and operational impacts that would otherwise result from the significant volume increase forecasted within the 101 Corridor by facilitating egress and ingress from the ramps. The project will also consider HOV/express (toll) lanes, which will increase the people throughput on the corridor.	\$137,232,000
US 101/Produce Avenue Interchange: Add new interchange on US 101 at Produce Avenue. Includes a new vehicular overcrossing with sidewalks and bike lanes connecting Utah Avenue, on the east side of US 101, to San Mateo Avenue, on the west side of US 101, and the reconfiguration of existing north and southbound on- and off-ramps in the vicinity.	South San Francisco	\$3,000,000	\$50,000	\$3,050,000	Program and allocate \$3,050,000 for environmental.	SR	Oct-17	The Project will provide efficient access to and from N/B and S/B 101 to a major commercial and business destination and future planned growth. It will enhance safety and operations by reducing a significant volume of truck traffic on local surface streets. The new overcrossing provides a new east-west connection across 101 that will benefit all modes of transportation.	\$146,644,000
Total Funding Requests & Recommended Awards for Tier II Projects:		\$22,000,000		\$22,050,000					\$587,324,000

Footnotes

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- 2) KCA: Key Congested Areas, SR: Supplemental Roadways, OM: Original Measure
- 3) Projected remaining funds needed to complete project after the recommended funding awards are made.
- 4) Phase of work acronyms: PID - project initiation document, PS&E - plans, specifications and estimates, ROW - right of way

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Tier III Projects - Not Recommended for Funding							Remaining Funds
Project and Description	Sponsor	Sponsor Funding Request	TA Program Support ¹	Program and Allocate	Notes/Rationale	Funding Track ²	Needed to Complete
SR 1/Manor Drive Overcrossing and Milagra On-ramp⁴: Widen the existing Manor Drive overcrossing from Palmetto Avenue, to the west, and Oceana Boulevard, to the east, with larger turning radii at corners and new traffic signals at the intersections. A new northbound on-ramp to SR 1 at Milagra Drive is included.	Pacifica	\$19,930,000	NA	\$0	\$18.73 mil. of the funding request (\$1.8 mil for environmental, \$1.8 mil. for PS&E, \$130k for ROW & \$15.0 mil. for construction) was beyond the FY2016 and FY2017 timeframe of this funding call. Project also did not compete as well at the regional/countywide level as the Tier I and II projects.	KCA	\$23,698,000
Ralston Avenue Corridor Complete Streets Improvements⁵: Multi-modal traffic improvements on Ralston Avenue from US 101 to SR 92 that include: adding new traffic signals, modifying signal timing of existing traffic signals, adding a roundabout at Notre Dame de Namur University, removal of on-street parking, widened sidewalks, enhanced crosswalks, new bikeways on and nearby Ralston Avenue and other Complete Street treatments.	Belmont	\$7,886,000	NA	\$0	Funding request for PS&E (\$2.245 mil.), ROW (\$250k) and construction (\$5.391 mil.) was beyond the FY2016 and FY2017 timeframe of this funding call. Project also did not compete as well at the regional/countywide level as the Tier I and II projects.	SR	\$10,085,000
Railroad Avenue Extension Eastern extension of Railroad Avenue from South Linden Avenue to the intersection of East Grand and Allerton Avenues with a new undercrossing of US 101. Includes the removal of an existing Union Pacific railroad spur east of US 101.	South San Francisco	\$630,000	NA	\$0	The funding request for this project was for the planning and PID phase of work. It did not compete as well at the regional/countywide level as the Tier I and II projects.	SR	\$23,341,000
Total Funding Requests & Recommended Awards for Tier III Projects:		\$28,446,000		\$0			\$57,124,000

Footnotes

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- 2) KCA: Key Congested Areas, SR: Supplemental Roadways, OM: Original Measure A
- 3) Projected remaining funds needed to complete project after the recommended funding awards are made.
- 4) SR 1/Manor Drive Overcrossing and Milagra On-ramp: Only the Planning (start May 2016) and PID (start May 2017) phases of work, in the amount of \$1,200,000, are projected to start within the FY2016 and FY2017 timeframe of the current funding call.
- 5) Ralston Avenue Complete Streets Improvements: Funding need not until FY2018 (ROW to start December 2017 and PS&E to start January 2018), which is outside the FY2016 and FY2017 timeframe of the current funding call.
- 6) Phase of work acronyms: PID - project initiation document, PS&E - plans, specifications and estimates, ROW - right of way

Total Measure A Highway Program sponsor funding requests for all projects	\$158,086,000
Total Measure A Highway Program Recommended Funding Awards	\$108,020,000

Total Original Measure A Highway Program Funds for Recommended Funding Awards	\$16,114,031
Total New Measure A Highway Program Key Congested Area Funds for Recommended Funding Awards	\$61,635,969
Total New Measure A Highway Program Supplemental Roadway Funds for Recommended Funding Awards	\$30,270,000