

Caltrans District 10

# TRANSPORTATION SYSTEM DEVELOPMENT PROGRAM

*September 2010*



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## NEED AND PURPOSE

The District 10 Transportation System Development Program (TSDP) identifies the state of highway and major transit improvements needed to maintain regional mobility, decrease traffic congestion, and improve system-wide connectivity. The TSDP addresses the movement of people and goods on every State route in the District. It is based on the principles of linking land use and transportation planning, encouraging smart growth concepts, and implementing and facilitating the regional blueprint planning processes.

Although the TSDP is not restricted by monetary resources, most of the projects are included in the adopted, financially-constrained, regional transportation plans (RTP) of the Regional Transportation Planning Agencies (RTPA) or Metropolitan Planning Organizations (MPO) in the District or the State Route 99 Business Plan.

The TSDP presents a dynamic list of projects to assist Caltrans and its local regional partners in the regional planning and project selection process, and provides the following benefits:

- Provides solutions to transportation problems ranging from transportation system management options for

maximum system productivity to major infrastructure improvement projects.

- Use of multimodal and intermodal solutions to relieve congestion and ensure system-wide connectivity.
- Emphasizes and identifies the importance of specific goods movement and intermodal transfer facilities projects, both private and public.
- Serves as an internal reference of potential future State highway, multimodal and intermodal improvements at a statewide and district level; and may be used in the development of the California Transportation Plan (CTP) as well as other statewide transportation policy and program documents.
- Supports requirements of 23 U.S.C., Section 135, and 23 CFR Part 450, and 49 CFR Part 613, which requires the State to carryout an intermodal planning process for all areas of the State including metropolitan areas.

The TSDP is intended to be a living dynamic document that is continuously updated and electronically available for internal Caltrans functions within District

10, Headquarters, and our local and regional transportation partners.

## **RELATION TO OTHER SYSTEM PLANNING DOCUMENTS**

The TSDP is one of the primary system planning products of the District and its development is closely coordinated with the other three: District System Management Plan (DSMP), Transportation Concept Reports (TCR), and Corridor System Management Plans (CSMP).

The DSMP is a strategic and policy planning document that portrays the District's vision of how the transportation system will be maintained, managed and developed over a twenty year period and beyond. The DSMP summarizes twenty-year planning concepts as well as proposed transportation improvements on a system-wide level to provide a vision for the development of future transportation concepts and transportation development plans.

A TCR analyzes a transportation corridor service area, establishes a twenty-year transportation planning concept and identifies modal transportation options and applications needed to achieve the twenty-year concept. The TCR is the generic analysis document for a major transportation service area, whether it be a facility, corridor, or area study. Each transportation corridor is evaluated as to how it is expected to perform in twenty years considering funding, environmental and political feasibility. Beyond the twenty year planning horizon the report

focuses on corridor preservation, the ultimate transportation corridor and new technologies. The development of the transportation planning concept established in the TCR is consistent with the strategies of the DSMP.

The CSMP is a system planning activity involving the development of strategies to manage the delivery of transportation services along specific segments of the most congested corridors in the District.

Each CSMP presents an analysis of existing and future traffic conditions and proposes traffic management strategies and transportation improvements to maintain and enhance mobility. The CSMP maintains the Strategic Growth Plan requirements for monitoring corridor performance and bond requirements for corridor productivity and mobility improvements funded by the Corridor Mobility Improvement Account (CMIA) under Proposition 1B of 2006.

## **TSDP IMPROVEMENT CATEGORY DEFINITIONS**

### **Intermodal (Goods Movement and Freight) – Category 1**

Improvements on and off the State highway system that primarily improve the intra- and interstate through intermodal transfer of goods by way of seaports, railheads, air cargo terminals, international border crossings, State or regional goods distribution centers, freight distribution routes and transfer terminals.

Types of projects include: capacity improvements, new interchange locations, and corridor preservation; highway main-

line additions near airports, seaports, railheads, and freight transfer locations; highway main line additions in high truck volume corridors to facilitate through movements; capacity improvements or major local arterials serving intermodal facilities, freight transfer facilities, and international border crossings.

**Multimodal (Intercity Passenger, Commuter and Urban Rail, Busway) – Category 2**

Improvements from a larger system’s perspective will facilitate the movement, transfer, and intermodal connectivity of people in existing major corridors or identifies new travel corridors. The intent is to preliminarily identify State highway corridors where expansion or start up of a rail or exclusive bus way facility may be warranted in the longer term. Major transfer locations (not sites) should be included as appropriate.

Types of projects include: increased intercity rail service on existing routes, new intercity routes, rail corridor preservation and increased service on existing commuter and urban rail lines, new commuter and urban lines, and major transfer facilities.

**Non-Urbanized (Roadway) – Category 3**

State highway improvements and improvements to major local arterials that facilitate interregional travel. Off-system improvements serve the larger local and regional traffic volumes or the facilities may serve as emergency routes.

Improvements in rural, recreational, and urbanized areas should be included in this

category. For State routes, attention should be paid to identifying gap closures, corridor preservation, and segments that should be constructed to expressway standards. Improvements to local routes or route segments, routes that serve as parallel relievers, or are critical for interregional or recreational trips should be identified.

Types of projects include: new mainline lane additions, bypasses, expressways and freeway facilities, local state route corridor preservation, interchanges, interchange improvements, passing and truck climbing lanes, major channelization and lane additions to local routes.

**Urbanized (Roadway Transportation System Management) – Category 4**

Roadway improvements and transportation system management improvements on and off the State highway system. Off-system improvements serve the larger local and regional traffic volumes or the facilities may serve as emergency routes. This includes improvements that benefit the overall system as well as emphasize local, regional, and commute travel. Ground access improvements serving international airports and larger national airports should also be included.

Types of projects include: lane additions for high occupancy vehicles (HOV), new interchanges, interchange modifications, new major local arterials, added capacity and transportation system management improvements on local arterials, and new transportation corridors.

### **New Technology – Category 5**

State routes, major local streets, major corridors and modes where new technology applications may be promising. Attention should be given to Intelligent Transportation Systems (ITS), which are technological tools, used for addressing transportation management and operation needs.

ITS represents the integrated application of advanced information, electronic communications and other technologies that address transportation problems areas. They enhance safety, reduce accidents, maximize the efficient use of the highway system, improve travel times, provide traveler information, conserve fuel, and reduce pollutants.

### **Complete Projects and Enhancements – Category 6**

System improvements that complete or enhance a project, improve connectivity, complement the intermodal movement of people and goods, and improve the environment or integration of an improvement into a community.

Types of projects include: major landscaping, vista points, mitigation banking, bicycle lanes (Class I and II) and pedestrian facilities in or near major transportation corridors or modal transfer facilities; improvements that facilitate or enhance modal transfers overall; improvements that emphasize community wholeness and livability; and improvements to truck transfer centers or rest/layover facilities.

# California Department of Transportation District 10

State of California  
Office of System Planning and Goods Movement  
September 2010



LEGEND	
	State Highway
	County Boundary

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>AMA - 16</b>									
6.408/6.41	SR 16	SR16/Latrobe Rd. Intersection Improvements	Interchange Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$500	TBD
<b>AMA - 49</b>									
2.550/4.540	SR 49 from Jackson to Calaveras Co. Line	SR49 Improvements	Interchange Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$5,000	TBD
3.120/6.111	SR 49/88	Add SB lane between Martell & Jackson	Capacity Enhancement	3	ACTC 2004 RTP Tier II	STIP/ Other	IRRS	\$10,000	TBD
3.43	SR49/Clinton Rd	SR 49/Clinton Rd signal	Intersection Signalization	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$300	TBD
3.633/3.087	SR 49 Widening	Widen to 5 lanes-French Bar to Broadway	Capacity Enhancement	3	ACTC 2004 RTP Tier II	STIP/ Other	IRRS	\$3,000	TBD
4.0 / 6.7	RTE 49 Jackson Overlay	AC Overlay and Widen shoulder	Operational Improvements	3	CT	SHOPP	IRRS	\$10,745	2013
4.32	SR49 /Main St. Phase	SR49/Main St. Phase I right turn lane	Operational Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$100	TBD
4.32	SR 49/Maint St.	SR 49/Main St Phase II Intersection Improvements	Intersection Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$1,000	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>AMA - 49</b>									
4.5 / 5.9	Jackson Add A Lane	Additional lanes and widening	Capacity Enhancement	3	CT	RIP-Local-STIP	IRRS	\$6,300	2015
5.7	SR 49/88	Upgrades to Argonaut Ln., and construct new collector road.	Intersection Improvements	3	ACTC 2004 RTP Tier I	SHOPP/ Other	IRRS	\$2,000	TBD
6.986	SR 49/104	SR49/104/ Ridge Rd Add right-turn Lanes	Capacity Enhancement	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$1,000	TBD
13.552/14.723	SR 49 Passing lane	SR 49 Passing lane NB between Drytown & SR 16	Passing lanes	3	ACTC 2004 RTP Tier II	STIP/ Other	IRRS	\$10,000	TBD
14.723	SR49/16	SR49/16 Intersection Improvements	Intersection Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$500	TBD
16.442/17.633	SR 49 Improvements	SR 49 Improvements through City of Plymouth	Operational Improvements	3	ACTC 2004 RTP Tier I	SHOPP/ Other	IRRS	\$2,000	TBD
17.2	SR 49 and Main St.	Intersection Improvements	Intersection Improvements	3	CT	Local/Oversight	IRRS	\$1,500	2013

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>AMA - 88</b>									
4.00/6.10	SR 88/Buena Vista	SR/88/Buena Vista Rd. Intersection	Intersection Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$1,000	TBD
5.527/5.532	SR 8/124	SR 88/124 Intersection Improvements	Intersection Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$1,000	TBD
7.348/7.389	SR 88/104	SR 88/104 Signalize & Improvements	Intersection Signalization	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$200	TBD
7.349/7.389	SR/Jackson Way	SR 88/Jackson Vly Rd. (West) Upgrade Intersection	Intersection Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$1,000	TBD
10.0 / 25.0	AMA 88/104/124 Traffic Control Elements/Hwy Advisory Radio	Instaff highway advisory radio at Junct of SR 88/104.6 EMS signs and 4 Blu/Whit signs on 88/104/124	Transportation Management Systems	3	CT	Minor	IRRS	\$200	2011
12.673/12.727	SR 88/Ridge Rd.	Ridge Road Signalize & Improvements	Signalization	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$550	TBD
12.680/14.250	SR 88 Widening	Widen to 5 lanes from SR 49 to SR 104	Capacity Enhancement	3	ACTC 2004 RTP Tier II	STIP/ Other	IRRS	\$10,000	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>AMA - 88</b>									
12.739/25.365	SR 88 Improvements	Improvements San Joaquin Co. line to 104	Operational Improvements	3	ACTC 2004 RTP Tier II	STIP/ Other	IRRS	\$5,000	TBD
14.29/15.068	SR 88 Jackson Corridor Improvements	Corridor Improvements	Operational Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$30,000	TBD
14.292/23.152	SR 88 Passing lane	Passing lane EB between Jackson/P. Grove	Passing lanes	3	ACTC 2004 RTP Tier II	STIP/ Other	IRRS	\$3,000	TBD
14.321/14.926	SR 88 Improvements	SR 88 Improvements from SR 49 to Court St.	Operational Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$5,000	TBD
14.772/16.885	SR 88 Improvements	Casino access to Court St.	Operational Improvements	3	ACTC 2004 RTP Tier II	STIP/ Other	IRRS	\$7,000	TBD
14.9	SR 88/Court St.	SR 88/Court St.	Operational Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$500	TBD
22.3 / 23.8	Pine Grove Improvements	Improve Operation/Bypass	Capacity Enhancement	3	ACTC	STIP-RIP-Local-Oversight-LCO	IRRS	\$21,848	2018
23.360/23.369	SR 88 Volcano Rd.	SR 88/Volcano Rd., Intersection Improvements	Intersection Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$500	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>AMA - 88</b>									
26.804/26.814	SR 88/SR 26	SR 88/SR 26 Intersection Improvements	Intersection Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$500	TBD
29.48	SR88/Defender Grade	SR 88/Defender Grade Intersection Improvements	Intersection Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$750	TBD
29.72/31.826	SR 88 Pioneer/Buckhorn	Pioneer/Buckhorn corridor Improvements	Operational Improvements	3	ACTC 2004 RTP Tier I	STIP/ Other	IRRS	\$15,000	TBD
31.86/71.649	SR 88 Improvements	SR 88 Improvements between Buckhorn & Alpine Co.	Operational Improvements	3	ACTC 2004 RTP Tier II	STIP/ Other	IRRS	\$5,000	TBD
<b>AMA - 104</b>									
0.0	SR 104/Prospect Drive Intersection Improvements	Intersection Improvements	Intersection Improvements	3	CT	Local	N/A	\$1,200	TBD
4.0 / 6.5	lone Bypass	New 2-lane Expressway on a new alignment	Capacity Enhancement	3	CT	STIP-RIP-Oversight-Local	N/A	\$25,000	TBD
5.76	SR 104/124 Shakeley Ln Intersection Improvement	Intersection Improvement	Intersection Improvements	3	ACTC 2004 RTP Tier II	STIP/ Other	N/A	\$2,000	TBD
5.891	SR 104/Maint St.	SR 104/Maint St., widen turn radius on NE corner	Operational Improvement	3	ACTC 2004 RTP Tier I	STIP/ Other	N/A	\$100	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>CAL - 4</b>									
0.00/R7.32	Stanislaus County Line to West of Reeds Turnpike	Road Reconstruction - Passing Lanes	Passing lanes	3	CCOG 2007 RTP Tier II	RIM FEE/OTHER	IRRS	\$3,297	TBD
10.3 / R16.4	SR 4 Wagon Trail Realignment	Two Lane Expressway	Capacity Enhancement	3	CCOG	STIP-RIP-Oversight, LCO	IRRS	\$29,883	2019
14.5 / 14.9	Poole Station Intersection	Curve Correction	Operational Improvements	3	CT	SHOPP	IRRS	\$3,296	2013
21.1 / 21.8	SR 4/49 Intersection Improvements	Intersection Improvements	Intersection Improvements	3	CCOG	STIP	IRRS	\$5,361	2020
21.1 / 23.4	Angels Camp Tree Planting	Highway Planting	Highway Planting	6	CT	STIP	IRRS	\$845	TBD
42.7 / 43.5	Arnold Curve Correction	Curve Improvements	Operational Improvements	3	CT	SHOPP	IRRS	\$8,004	2017
<b>CAL - 12</b>									
2.45	SR 12, Southworth Road	SR 12, Southworth Road	Two-way left-turn pocket	3	CCOG 2007 RTP Tier II	STIP/ Other	IRRS	\$412	2026

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>CAL - 12</b>									
4.3	SR 12, Toreno Way/Saharan Road	Two-way Left Turn Pocket	Operational Improvements	3	CCOG 2007 RTP Tier II	STIP/ Other	IRRS	\$412	2026
4.76	SR 12, Pettinger Road	One-way Left Turn Pocket	Operational Improvements	3	CCOG 2007 RTP Tier I	STIP/ Other	IRRS	\$809	2015
5.26	SR 12, Messing Road	One -Way Left Turn pocket	Operational Improvements	3	CCOG 2007 RTP Tier II	STIP/ Other	IRRS	\$289	2026
6.3	SR 12, Burson Road	Two-way Left Turn Pocket	Operational Improvements	3	CCOG 2007 RTP Tier I	STIP/ Other	IRRS	\$1,348	2015
9.927/18.20	West Jct SR 26 to SR 49	Road Reconstruction- Passing lanes, widen road	Passing Lanes	3	CCOG 2007 RTP Tier II	RIM FEE/Other	IRRS	\$5,915	TBD
9.5/10.4	Valley Spring Bypass	Road Construction	Capacity Enhancement	3	CCOG 2007 RTP Tier II	STIP/RIM/ Benefit Basin	IRRS	\$82,436	TBD
13.8	CAL 12/26 Intersection Improvements	Intersection Improvements	Intersection Improvements	3	CT-CCOG	Local Oversight	IRRS	\$1,985	2014
<b>CAL - 26</b>									
1.2	SR 26, Warren Road	Left-turn Pocket	Operational Improvements	3	CCOG 2007 RTP Tier II	STIP/ Other	N/A	\$289	2026
2	SR 26, Milton Road	Reconfigure Intersection and Curve Realignment	Intersection Improvements	3	CCOG 2007 RTP Tier II	STIP/ Other	N/A	\$412	2026

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>CAL - 26</b>									
2.5	SR 26, Burson Road	Reconfigure Intersection and Curve Realignment	Intersection Improvements	3	CCOG 2007 RTP Tier II	STIP/ Other	N/A	\$412	2026
5.04	SR 26 Olive Orchard Road/Garner Place	Two-way left turn pocket	Operational Improvements	3	CCOG 2007 RTP Tier I	STIP/ Other	N/A	\$1,172	2015
5.6	SR 26, Hagen Dr.	One way Left-turn Pocket (Close Driver Road)	Operational Improvements	3	CCOG 2007 RTP Tier II	STIP/ Other	N/A	\$289	2026
5.96	SR, Baldwin Lane/Baldwin Street	Two-way Left Turn Pocket	Operational Improvements	3	CCOG 2007 RTP Tier II	STIP/ Other	N/A	\$352	2015
6.68	SR 26, Farris Drive/Farris Lane	One-way Left Turn Pocket	Operational Improvements	3	CCOG 2007 RTP Tier I	STIP/ Other	N/A	\$412	2026
8.43	SR 26 , Vista Del Lago	Two-way Left Turn Pocket	Operational Improvements	3	CCOG 2007 RTP Tier I	STIP/ Other	N/A	\$234	2015
9.86	SR 26, Warren Road	Left-Turn Pocket	Operational Improvements	3	CCOG 2007 RTP Tier II	STIP/ Other	N/A	\$1,580	2026
<b>CAL - 49</b>									
7.21	SR 49/Murphys Grade Road	Reconstruct Intersection	Intersection Improvements`	3	CCOG 2007 RTP Tier II	STIP/ Other	IRRS	\$635	TBD
SR49-PM6.4/SR4-PM 22.1	SE SR 49 Bypass	New Roadway-extend the funded bypass past the Fairgrounds	Capacity Enhancement	3	CCOG 2007 RTP Tier II	STIP	IRRS	\$50,330	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>MPA - 132</b>									
.5/4.4	Tuolumne County Line to 3.9 miles East	Realign, Widen & Pave	Operational Improvements	3	MCLTC 2008 RTP	STIP/ Other	IRRS West of SR-99	\$1,950	TBD
<b>MPA - 140</b>									
0.0 / 5.9	Miles Creek Improvements	Improve Roadway Alignment and Construct Shoulders	Operational Improvements	3	CT	STIP RIP	IRRS between the east urban limits of Merced and Yosemite National Park	\$13,108	2021
22.3	Smith Road Left Turn Channelization	Left Turn Channelization - Non Signalized Intersection	Operational Improvements	3	CT	SHOPP	IRRS between the east urban limits of Merced and Yosemite National Park	\$883	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>MER - 5</b>									
23.2 / 23.5	Weigh Station Improvements in Santa Nella	Weigh Station Improvements	Truck Facilities	1	CT	SHOPP	IRRS	\$1,723	2012
<b>MER - 33</b>									
0.0	Merced ADA Curb Ramps	Install ADA curb Ramps, Minor Sidewalk Extension	Bike Pedestrian Facilities	6	CT	SHOPP	N/A	TBD	TBD
<b>MER - 59</b>									
14.8/19.0	Atwater Merced Expressway	Widen to 4 Expressway	Capacity Enhancement	4	MCAG 2011 RTP	RIP, RTIF, Dev., Local, IIP, SHOPP, TCRP	N/A	\$214,000	2020
15.2 / 16.3	Bear Creek & Black Rascal Bridge Rehabilitation	Replace and Widen Bridges	Bridge Improvement	4	CT	SHOPP	N/A	\$7,176	2015
15.4 / 16.6	16th St./Olive Ave. Widening	Widen to 4 lanes	Capacity Enhancement	4	CT	STIP/RIP	N/A	\$27,810	2018
21.5 / 22.5	SR-59 Landfill New Entrance	New Intersection Construction	Intersection Improvements	3	CT	Local/Oversight	N/A	\$10,379	2011

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>MER - 99</b>									
0.0 / 4.6	Plainsburg Rd Freeway	4E TO 6F ON 8F R/W Alignment	Operational Improvements	3	MCAG	STIP/TCRP/IIP/99 Bond	IRRS-High Emphasis Focus Route	\$101,184	2015
1.0	Fog CMS	Closed Circuit TV Cameras & CMS"	Trasportation Management Systems	3	CT	SHOPP	IRRS-High Emphasis Focus Route	\$4,165	2012
4.6 / 10.5	Arboleda Dr. Fwy	4E TO 6F on 8F R/W Alignment	Capacity Enhancement	3	MCAG	STIP/TCRP/IIP/99 Bond	IRRS-High Emphasis Focus Route	\$151,900	2014
5.05-11.1	0.17 mi. N/O Deadman Creek to 0.01 mi. N/O Miles Creek	Construct N/B & S/B Acceleration Deceleration lanes at 13 locations	Operations Improvements	3	CT	TBD	IRRS-High Emphasis Focus Route	\$3,300	TDB
12.8 / 19.3	Merced Six Lane	Widen Roadway from 4-lanes to 6-Lanes Freeway on an 8-Lane R/W	Capacity Enhancement	4	CT	STIP	IRRS-High Emphasis Focus Route	TBD	TBD
12.8 / 16.6	Childs Ave. Landscape Restoration	Highway Planting Restoration	Highway Planting Restoration	6	CT	SHOPP	IRRS-High Emphasis Focus Route	\$2,570	2013
12.85/13.3	SR-99 to Childs Ave.	Improve N/B & S/B on/off ramps	Operational Improvements	3	CT	TBD	IRRS-High Emphasis Focus Route	\$900	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>MER - 99</b>									
15.61/15.7	SR-99/SR-140 to R & V Streets	Improve Truck Turning Radius	Operational Improvements	3	CT	TBD	IRRS-High Emphasis Focus Route	\$5,000	TBD
15.8 / 17.3	West Merced OH Landscape	Install about 220 Trees and 800 Groundcover Shrubs and Irrigation System	Landscape Project	6	CT	SHOPP	IRRS-High Emphasis Focus Route	\$826	2017
17.6 / 24.5	Franklin Slough Rehab	AC Overlay and Widen Shoulders	Operational Improvement	4	CT	SHOPP	IRRS-High Emphasis Focus Route	\$10,605	2012
19.3 / 20.9	Atwater Merced Expressway	Construct a New Alignment	Operational Improvements	3,4	County of Merced CT	Local, Developer, Oversight	IRRS-High Emphasis Focus Route	\$15,900	2017
20.9 / R23.8	Atwater/Applegate Six Lane	Convert Four-Lane Expressway to Six-Lane Freeway	Capacity Enhancement	3,4	CT	Local/RIP/Over sight	IRRS-High Emphasis Focus Route	TBD	TBD
23.8 / R26.5	Atwater Highway Planting	Highway Planting and Irrigation	Highway Landscape	6	Union Pacific Housing Authority CT	STIP/IIP	IRRS-High Emphasis Focus Route	\$2,177	2016
28.8 / R37.3	Merced Median Widening	Widen from four lanes to six lanes	Capacity Enhancement	3,4	City of Livingston CT	STIP/IIP/Local	IRRS-High Emphasis Focus Route	\$57,802	2018
R29.85/R30.60	SR-99 to Winto Pkwy	Improve N/B & S/B on/off ramps and intersections	Operational Improvements	3	CT	TBD	IRRS-High Emphasis Focus Route	\$3,200	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>MER - 140</b>									
0.3 / 4.2	Shoulder widening on SR140	Shoulder Widening	Operational Improvements	3	CT	SHOPP	IRRS between the east urban limits of Merced and Yosemite National Park	\$7,017	2018
4.3 / 11.7	Mud Slough Rehab	Structural Section Repair and Widen Three Bridges	Operational Improvements	3	Calif. Northern-CT	SHOPP	IRRS between the east urban limits of Merced and Yosemite National Park	\$7,075	TBD
34.5 / 35.8	El Capitan Rehab.	AC Overlay and Widen Shoulders	Operational Improvements	4	CT	SHOPP	IRRS between the east urban limits of Merced and Yosemite National Park	\$922	TBD
36.5 / 37.6	Bradley Overhead Widening	Replacing Bradley OH Bridge Widen from 2 Lanes to 4 Lanes	Capacity Enhancement	4	MCAG	STIP	IRRS between the east urban limits of Merced and Yosemite National Park	\$18,920	2011

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>MER - 140</b>									
36.5 / 37.6	Bradley OH Replacement	Bridge Replacement	Bridge Rail Replacement and Upgrade	4	CT	SHOPP	IRRS between the east urban limits of Merced and Yosemite National Park	\$25,301	2011
36.5 / 37.6	Bridge Replacement and Widening in Merced County	Bridge Replacement and Widening	Capacity Enhancement	4	CT	SHOPP	IRRS between the east urban limits of Merced and Yosemite National Park	\$52,347	2013
38.1 / 38.6	Parkway Interchange	Construct Interchange and Overhead	Interchange Improvements	4	MCAG	Local	IRRS between the east urban limits of Merced and Yosemite National Park	\$42,259	2019
40.4 / 41.0	MERCED 140@Arboleda Dr.	Construct Left Turn Channelization and Flashing Beacons	Operational Improvements	3	CT	SHOPP	IRRS between the east urban limits of Merced and Yosemite National Park	\$3,502	2006

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>MER - 152</b>									
16.0 / 24.8	Los Banos Bypass/Phase II	4 Lane Freeway (Los Banos Bypass)	Capacity Enhancement	3	MCAG	STIP RIP-IIP	IRRS-High Emphasis Focus Route	\$52,732	2015
21.5 / 21.8	MILLER LANE SIGNALS	Install Signals	Signalization	3	CT	SHOPP	IRRS-High Emphasis Focus Route	\$911	2012
22.3 / R25.8	Los Banos Bypass Segment I	Four Lane Freeway, Segment I	Capacity Enhancement	3	CT	STIP-RIP-IIP-Local	IRRS-High Emphasis Focus Route	\$68,131	2015
<b>MER - 165</b>									
0.0 / 30.5	Hilmar Bypass	New bypass to take truck traffic from SR165, around Hilmar and Turlock to SR99	Capacity Enhancement	3,4	MCAG	Local Oversight	N/A	\$17,500	TBD
6.7 / 30.0	Stevinson Rehab	AC Overlay, Digouts, Intersection Improvements & Shoulder Widening	Operational Improvement	3,4	CT	SHOPP	N/A	\$8,247	2012
30.0 / 30.3	SR165/Westside Blvd Intersection improvements and Curve Correction	Improve Curve Radius, Superelevation, Widen Shoulder, Install Rumble Strip	Operational Improvement	3,4	CT	SHOPP	N/A	\$2,000	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 4</b>									
SJ 15.9 Brentwood 40	I 5 to the City of Brentwood in Contra Costa County (Study Only)	Corridor Improvement Project provide safety and operational improvement.	Operational Improvements	3	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS	\$5,000	TBD
0.00-15.912	Co. Line - I 5	Widen from 2 lanes to 4 lanes	Capacity Enhancement	3,4	SJCOG 2011RTP Tier I	STIP	IRRS	TBD	2020
4.4 / 4.6	In San Joaquin County at Middle River Bridge	Traffic Control Installation and Widening Shoulder	Operational Improvements	3	CT	SHOPP	IRRS	\$426	TBD
12.6 / R15.7	SR 4 Crosstown Freeway Extension	Extend Freeway	Capacity Enhancement	3,4	SJ Cog	Measure-Local-Oversight-Trade Corridor-Local	IRRS	\$104,460	2017
12.6-15.9	SR-4 Median Rumble Strip	Operational intersection Improvements	Operational Improvements	3,4	SJCOG 2011RTP Tier I	STIP/ MEASURE/ Other	IRRS	\$38,000	2014
13.4/15.32	Fresno Ave.. To east of Daggett Rd.	Extension New alignment from Fresno Ave. to east of Daggett Rd.	Operational Improvements	3	SJCOG 2011RTP Tier I	STIP/ MEASURE/ Other	IRRS	\$217,600	2016

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 4</b>									
14.1 / 15.9	Rte 4/Charter Way West Improvements	Modify Interchange Widen to 4 or 5 Lanes with Interchange Improvements	Intersection Improvements	4	CT	STIP Local	IRRS	\$20,000	TBD
14.5 / 21.1	Cross Tow TMS	Install 10 CMS 6 Weather Stations	Trasportation Management Systems	5	CT	SHOPP	IRRS	\$6,514	2014
15.3 / 19.4	Route 4 Beautification and Modernization	Highway Beautification and Modernization	Highway Landscape	6	CT	SHOPP	IRRS	\$1,245	TBD
15.56-16.06	Fresno - I 5	Widen from 2 lanes to 5 lanes	Capacity Enhancement	4	SJCOG 2011RTP Tier I	STIP	IRRS	TBD	2020
16.06-19.44	I-5 to SR99 (Crosstown)	Widen from 6 lanes to 8 lanes	Capacity Enhancement	4	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS	\$75,000	TBD
<b>SJ - 5</b>									
Multiple locations	HAR System	Installation of Har's	Transportation Management System	5	CT	SHOPP	IRRS	\$950	TBD
Multiple locations	SJ ADA Curb Ramps	Install ADA curb Ramps	Bike Pedestrian Facilities	6	CT	SHOPP	IRRS	\$265	TBD
0.1 / 47.8	West San Joaquin C. Monitoring Stations	Install Traffic Monitoring Stations (TMS) at Various Locations	Transportation Management Systems	5	CT	SHOPP	IRRS	\$3,216	2013

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 5</b>									
12.62/14.83	Jct 205( W)-Jct 120 (E)	Widen from 9 lanes to 12 lanes	Capacity Enhancement	3	SJCOG RTP 2011 Tier I	STIP MEASURE	IRRS	\$122,300	2020
13.9-15.6	Mossdale Widening	Widen 9 to 12 through lanes	Capacity Enhancement	3	SJCOG 2011 RTP Tier I	STIP/ MEASURE/ Other	IRRS	\$122,300	2020
14.5 / R17.1	San Joaquin ITS	Closed Circuit TV Cameras, Hwy Advisory Radios, CMS'	Transportation Management System	5	CT	SHOPP	IRRS	\$2,700	2014
14.83	Jct SR 120 - SR 5	New Freeway Connection	Operation Improvements	3	SJCOG 2011 RTP Tier II	STIP	IRRS	\$35,500	TBD
14.83/25.41	Jct SR 5/120 - Jct SR 5/Crosstown	Widen from 6 lanes to 8 lanes (inside)	Capacity Enhancement	3,4	SJCOG 2011 RTP Tier I	STIP MEASURE	IRRS	\$108,600 & \$42,101	2020
14.83	JCT SR 5/4 Crosstown	New Branch connections (2 lane structures)	Operation Improvements	4	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS	\$35,500	TBD
16.4 / 16.8	I 5/Louise Ave I/C (was Gold Rush City)	Interchange Improvements	Interchange Improvements	3	SJCOG	Local-Developer-Oversight	IRRS	\$21,100	2015

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 5</b>									
17.3 / 17.8	I 5/Lathrop Rd.	Interchange Improvements	Interchange Improvements	3	CT	Local-Oversight	IRRS	\$26,815	TBD
19.58/33.42	Roth Rd - Mosher Slough	Widen from 8 lanes to 10 lanes	Capacity Enhancement	3,4	SJCOG 2011 RTP Tier II	STIP MEASURE	IRRS	\$400,000	TBD
20.95-25.35	French Camp OC-Charter Way (MLK Blvd)	Widen from 6 lanes to 8 lanes (inside)	Capacity Enhancement	4	SJCOG 2011 RTP Tier I	STIP/ MEASURE/ Other	IRRS	\$42,100	2020
22.1 / 23.6	French Camp/Sperry Road	Modify/Reconstruct	Interchange Improvements	4	SJCOG	RIP, Oversight, STIP	IRRS	\$48,504	2013
23.4/24.4	I-5 Downing Ave.	Modification of Interchange	Interchange Improvements	4	SJCOG 2011 RTP Tier I	STIP/Local Measure	IRRS	\$66,000	2015
25.3	I-5 at Charter Way	Interchange Improvements	Interchange Improvements	4	SJCOG 2011 RTP Tier I	STIP/Local Measure	IRRS	\$21,389	2015
25.30-28.53	Charter Way - Country Club Blvd	Widen from 8 lanes to 10 lanes	Capacity Enhancement	4	SJCOG 2011 RTP Tier II	STIP	IRRS	TBD	2020
26.18	Jct 5/4	Reconstruct Freeway to Freeway	Operational Improvements	4	SJCOG 2011 RTP Tier I	STIP/Local Measure	IRRS	\$59,000	2020

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 5</b>									
28.5 / 35.6	North I-5 Stockton Widening With HOV Lanes	Widen from 6 Lanes to 8 Lanes	Capacity Enhancement	4	City of STKN/SJCOG CT	Local, Measure, Developer, Oversight CT	IRRS	\$207,871	2018
31.8 / 33.3	I-5 Hammer Lane Interchange	Interchange Additions and Modifications	Interchange Improvements	4	City of Stockton CT	Local CT	IRRS	\$12,800	2014
33.2 / 34.3	IN SAN JOAQUIN COUNTY ON ROUTE 5 OTTO DRIVE	Interchange Additions and Modifications	Interchange Improvements	4	City of Stockton CT	Local CT	IRRS	\$46,000	2014
35.0 / 35.8	Interstate 5 / eight mile road interchange	Interchange Additions and Modifications	Interchange Improvements	4	City of Stockton CT	Local CT	IRRS	\$48,700	2014
35.60/36.90	New Rd.	Widen from 6 lanes to 8 lanes	Capacity Enhancement	4	SJCOG 2011 RTP Tier II	STIP	IRRS	\$25,000	2016
36.0/36.9	I-5 at North Gateway (New Road A)	Construction of a new interchange and auxiliary lanes	Interchange Improvements	4	SJCOG 2011 RTP Tier I	STIP/ MEASURE/ OTHER	IRRS	\$63,000	2015
36.2 / 37.2	Interstate 5 / North gateway interchange	Interchange Additions and Modifications	Interchange Improvements	4	SJCOG Local	Local CT	IRRS	\$52,300	2015
36.90/39.57	Gateway I/C - Jct SR 12	Widen from 6 lanes to 10 lanes	Capacity Enhancement	3,4	SJCOG 2011 RTP Tier II	STIP	IRRS	\$105,705	2020

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 5</b>									
39.57/49.82	Jct SR 12 - Sac Co Line	Widen from 4 lanes to 6 lanes	Capacity Enhancement	3	SJCOG 2011 RTP Tier II	STIP MEASURE	IRRS	\$91,100	2016
39.57/49.83	Jct SR 120- Sac Co. Line	Widen from 6 lanes to 10 lanes	Capacity Enhancement	3	RTP	STIP	IRRS	\$567,875	2020
<b>SJ - 12</b>									
0.1 / R4.4	Bouldin Island Rehab	Rodway Rehabilitation by Widening the Shoulders	Operational Improvements	3	CT	SHOPP	IRRS	\$55,061	2011
0.1 / 11.2	Rte 12 Improvements	Operational Improvements at Glasscock Road and Smart Corridor	Operational Improvements	3	SJCOG	STIP/RIP	IRRS	\$20,848	2014
15.16/18.07	Lower Sacramento Rd to Route 99	Widen from 4 lanes to 6 lanes	Capacity Enhancement	4	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ OTHER	IRRS	\$31,045	2020
15.2/18.0	Lower Sacramento Rd to I-5	Widen from 2 to 4 lanes	Capacity Enhancement	3,4	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ OTHER	IRRS	\$71,040	2019
18.0/L 23.3	SR-99 to SR 88	Widen 2 to 4 lanes (outside), add turn lanes	Capacity Enhancement	3	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ OTHER	IRRS	\$50,500	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 12</b>									
18.1-27.6	Route 12	Provide Safety and Operational Improvements	Operational Improvements	4	SJCOG 2011 RTP Tier I	STIP/ MEASURE/ Other	IRRS	\$20,000	2017
23.3/23.168 E	Route 12/Route 88 Joint Rte Corridor	Widen from 2 to 4 lanes	Capacity Enhancement	3	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ OTHER	IRRS	\$67,086	2025
<b>SJ - 26</b>									
1.4 / 2.1	Cardinal Signal Job	Install Traffic Signals	Intersection Signalization	3,4	CT	SHOPP	N/A	\$742	2012
4.6 / 6.0	Pinasco Rd. 2-Way Left turn lane	Install Continuous two-way left turn lane	Operational Improvements	3	CT	SHOPP	N/A	\$8,629	2012
1.8/6.8	Cardinal (diverting canal) to Jack Tone Road	New Capacity - Widen 2 to 4 lanes (outside)	Capacity Enhancement	3,4	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	N/A	TBD	TBD
6.3/6.8	SR-99 to Austin Road Extension	Widen 6 to 8 lanes	Capacity Enhancement	3,4	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	N/A	TBD	TBD
15.3	Calaveras River Bridge Rehab job	Upgrade Bridge Rails and Widen	Bridge Improvement	3	CT	SHOPP	N/A	\$1,200	2012
17.1 / 17.9	Shelly Curve Correction #1	Curve Correction	Operational Improvements	3	CT	SHOPP	N/A	\$3,565	2013
18.5 / 19.0	Sandstone Creek Curve Correction	Horizontal Curve Relainment	Operational Improvements	3	CT	SHOPP	N/A	\$3,609	2015

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 88</b>									
5.1 / L12.3	Stockton Rehab	Rehabilitate Roadway, Replace Structures and Widen Shoulders	Operational Improvements	3	CT	SHOPP	IRRS	\$16,932	2013
12.2 / 19.2	SR88 Improvements Lockeford To Clements	Improve Operations on SR 88	Operational Improvements	3	SJCOG CT	Measure	IRRS	\$79,906	TBD
19.1 / 19.1	Clements AC Overlay	Signalize and Improve Intersections	Intersection Signalization	3	CT	SHOPP	IRRS	\$5,935	TBD
19.17/25.37	SR 12 to County Line	Passing lanes	Passing lanes	3	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS	\$24,000	TBD
<b>SJ - 99</b>									
Multiple Locations	East San Joaquin Co. Monitoring Stations	Install Traffic Monitoring Stations (TMS) at various Locations	Transportation Management Systems	6	CT	SHOPP	IRRS-High Emphasis Focus Route	\$2,930	2013
0.0 / 0.3	Ripon Bridge Rehabilitation	Bridge Replacement	Bridge Improvement	3	CT	SHOPP	IRRS-High Emphasis Focus Route	\$43,088	2014
0.2 / 1.7	Ripon Planting Rehab	Highway Planting Restoration	Highway Planting	6	CT	SHOPP	IRRS-High Emphasis Focus Route	\$1,288	2013
1.4-2.1	Milgeo Ave. to Jacktone Rd.	Improve N/B & SB on/off ramps and construct Aux Lane	Operational Improvements	3	SJ COG CT	TBD	IRRS-High Emphasis Focus Route	\$5,900	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 99</b>									
4.5 / 5.0	Austin Road Interchange	Interchange Modifications	Interchange Improvements	3	City of Manteca CT	Local, Oversight	IRRS-High Emphasis Focus Route	\$46,190	TBD
5.3 / 15.0	Manteca 6-Lane	Widen to 6 Lanes	Capacity Enhancement	3,4	SJCOG	STIP, RIP, 99 Bond, Measure	IRRS-High Emphasis Focus Route	\$250,000	2015
5.82-22.90	SR-120 to Hammer Lane 4 to 8 Lane Widening	Widen from 4 lanes to 8 lanes	Capacity Enhancement	3,4	SJCOG 2011 RTP Tier II	STIP	IRRS-High Emphasis Focus Route	TBD	2025
6.3 / 6.8	SR 99 to Austin Road Extension	Widen 6 to 8 lanes	Capacity Enhancement	3	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS-High Emphasis Focus Route	\$30,000	TBD
15.0 / 18.6	South Stockton 6 Lane Widening	Widen to 6 Lanes	Capacity Enhancement	4	SJCOG	RIP, IIP, 99 Bond, Measure CT	IRRS-High Emphasis Focus Route	\$250	2017
16.69-20.87	Mariposa Rd., Cherokee Rd.	Widen 8 to 10 lanes (outside)	Capacity Enhancement	4	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS-High Emphasis Focus Route	\$250,000	TBD
18.7/20.8	Crosstown-Cherokee	Widen 6 to 8 lanes (outside)	Capacity Enhancement	4	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS-High Emphasis Focus Route	\$194,000	TBD
19.4/20.2	Fremont St. to Waterloo Rd.	Construct N/B & S/B Aux. Lanes	Operational Improvements	3	CT	TBD	IRRS-High Emphasis Focus Route	\$6,100	TBD
20.1 / 34.7	Peltier Rd. Landscape	Upgrade Planting and Irrigation	Highway Planting	6	CT	SHOPP	IRRS-High Emphasis Focus Route	\$1,443	2017

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 99</b>									
20.87-27.50	Charokee Rd. - Armstrong Rd.	Widen 6 to 8 lanes (outside)	Capacity Enhancement	4	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS-High Emphasis Focus Route	\$100,000	TBD
23.5 / 24.5	Morada/99 Interchange	Reconstruct Morada Lane I/C at SJ-99 in Stockton	Interchange Improvements	4	City of Stockton CT	Local	IRRS-High Emphasis Focus Route	\$24,635	2015
28.3/34.7	Harney Rd., to Peltier Rd	Widen from 4 lanes to 6 lanes	Capacity Enhancement	4	SJCOG 2011 RTP TIER I	STIP	IRRS-High Emphasis Focus Route	\$166,440	2026
R28.4 / R28.5	Harney Lane Interchange Improvements	Interchange Modification	Interchange Improvements	4	CT	Local, Oversight	IRRS-High Emphasis Focus Route	TBD	2017
29.7-30.7	Kettleman Lane to SR-12 (East)	Construct N/B & S/B Aux. Lanes	Operational Improvements	3		SJ COG CT	IRRS-High Emphasis Focus Route	\$7,000	TBD
34.7/38.8	Peltier Rd., to Co. Line	Widen from 4 lanes to 6 lanes	Capacity Enhancement	4	SJCOG 2011 RTP Tier II	STIP	IRRS-High Emphasis Focus Route	\$48,720	2027
<b>SJ - 120</b>									
0.0/0.0	I-5/SR-120 I/C	I-5/SR-120SR-120 West to I-5 North, and I-5 South to SR-120 East New branch Connection-	Freeway to Freeway Interchange Improvements	3	SJCOG 2011 RTP Tier II	STIP MEASURE	IRRS - High Emphasis	\$35,300	TBD
0.0/6.87	Jct 5/120-Jct SR 99	Widen from 4 lanes to 6 lanes	Capacity Enhancement	3	SJCOG 2011 RTP TIER I	STIP MEASURE	IRRS - High Emphasis	\$78,000	2016

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 120</b>									
0.0/6.88	Jct 5/120-Jct SR 99	Widen from 6-8 lanes	Capacity Enhancement	3,4	RTP	STIP	IRRS - High Emphasis	\$529,005	2025
R1.88/R1.510	SR120 @ Yosemite/Guthmiller	SR120 @ Yosemite/Guthmiller Interchange - reconstruct interchange	Interchange Improvements	4	SJCOG 2011 RTP Tier II	Local	IRRS - High Emphasis	\$2,000	TBD
R2.295	SR-120 at McKinley Avenue	SR-120-McKinley Ave. Reconstruct Interchange including necessary Auxilliary Lanes	Interchange Improvements	4	SJCOG 2011 RTP TIER I	Local	IRRS - High Emphasis	\$32,093	2012
3.0 / 3.6	SR 120 Airport Road Interchange	Interchange Modifications	Interchange Improvements	4	CT	Oversight Local	IRRS - High Emphasis	\$29,900	TBD
R3.4 / R5.2	SR120/Union Road Interchange Upgrades	Interchange Upgrade	Interchange Improvements	4	SJCOG	Local Oversight	IRRS - High Emphasis	\$30,070	2013
4.1/4.1	SR-120 at Union Road	Reconstruct interchange	Interchange Improvements	4	SJCOG 2011 RTP TIER I	STIP/ MEASURE/ OTHER	IRRS - High Emphasis	\$15,888,000	TBD
R4.10/4.10	SR-120 & Maint St	SR-120 & Maint St., - Reconstruct Interchange	Interchange Improvements	4	SJCOG 2011 RTP TIER I	TBD	IRRS - High Emphasis	\$15,888	2018
6.20/6.83	W Side SR 99 - Austin	Widen from 2 lanes to 6 lanes	Capacity Enhancement	3,4	RTP	STIP	IRRS - High Emphasis	TBD	2025

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 120</b>									
6.5 / 6.5	Vasconcellos Avenue Radius Improvement	Improve STAA Truck Turning Radius	Operational Improvements	3	CT	Minor	IRRS - High Emphasis	\$170	2012
6.83/11.64	Austin Rd to San Joaquin County/Stanislaus	Austin Rd to San Joaquin County/Stanislaus Widen 2 to 4 lanes	Capacity Enhancement	3	SJCOG 2011 RTP TIER II	STIP	IRRS - High Emphasis	\$55,315	2030
6.9 / 8.5	Manteca Bypass Extension	Reconstruct Interchange & 2 lane Expressway on new alignment	Capacity Enhancement	3	CT	RIP, IIP, STIP	IRRS - High Emphasis	\$22,000	TBD
8.8/14.8/17.15	Jack Tone to Sexton and McHenry	West of Escalon, widen from Jack Tone 5 lane conventional to Section, new south alignment to McHenry	Capacity Enhancement	3	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS - High Emphasis	\$75,000	TBD
17.15/21.2	McHenry to existing 120 at Harrold	East of Escalon, widen to 5 lane conventional to county line	Capacity Enhancement	3	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS - High Emphasis	\$25,000	TBD
<b>SJ - 132</b>									
0.0/3.26	Gap Closure, I-580 to I-5	Widen from 2 to 4 lanes	Capacity Enhancement	3	SJCOG 2011 RTP TIER I	STIP/ MEASURE/ Other	IRRS West of SR-99	\$20,000	2016
0.0-7.1	I-580 to Stanislaus County line	Improve Roadway	Operational Improvements	3	SJCOG 2011 RTP Tier II	STIP/ MEASURE/ Other	IRRS West of SR-99	\$2,000	TBD
4.2	Koster Rd. Channelization	Install Left Turn Channelization	Operational Improvements	3	San Joaquin County	SHOPP	IRRS West of SR-99	\$1,100	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 205</b>									
0.0 - 1.2	East of Mountain House Parkway to Alameda County Line (Note: Project continues in Alameda Co. to North Flynn Rd)	Construct new Westbound truck lanes	Truck Climbing Lane	1	SJCOG 2011 RTP TIER I	STIP/ MEASURE/ OTHER	IRRS-High Emphasis	\$50,000	2015
L0.0 / 1.2	Altamont WB Truck Climbing Lane	Construct Westbound Truck Bypass Route	Truck Bypass	1	CT	STIP-IIP	IRRS-High Emphasis	\$58,400	2017
0.0/13.84	I-205 8-Lane Widening	Widen 6-8 lanes	Capacity Enhancement	3	SJCOG 2011 RTP TIER I	STIP Measure	IRRS-High Emphasis	\$396,640	2020
1.9 / 7.9	I-205 Aux Lane	Construct Auxiliary Lanes	Auxiliary Lanes	3	SJ COG	CMIA-Measure-Oversight	IRRS-High Emphasis	\$51,560	2013
2.0 / 2.6	Rte 205 Auxilliary Lane Project	Construct Eastbound Auxillary Lane	Operational Improvements	3	CT	SHOPP	IRRS-High Emphasis	\$2,691	2014
2.4 / R5.3	I-205 Lammers Rd. Interchange	New Interchange	Construct New Interchange	3	SJCOG	Local Oversight	IRRS-High Emphasis	\$57,700	2016
R5.30/R5.40	Grant Line Road I/C	Modify Grant Line Rd I/C	Interchange Improvements	3	SJCOG 2011 RTP TIER I	STIP Measure	IRRS-High Emphasis	\$27,040	2017

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>SJ - 205</b>									
R5.9 / R8.3	Tracy Planting Rehab job	Highway Planting Restoration	Highway Planting Restoration	6	CT	SHOPP	IRRS-High Emphasis	\$2,938	2016
R8.10/R8.10	Mac Arthur I/C	MacArthur I/C Improvements	Interchange Improvements	3	SJCOG 2011 RTP TIER I	STIP Measure	IRRS-High Emphasis	\$5,422	2015
13.1	Paradise Interchange	Oversight Construct New I/C at Paradise Cut Bridge	Interchange Improvements	3	CT	Oversight-Rip-Stip	IRRS-High Emphasis	\$20,000	TBD
<b>SJ - 580</b>									
0.0 / 5.0	580 Pavement Repair job	Pavement Repair & Shoulder Widening	Operational Improvements	3	CT	SHOPP	IRRS-High Emphasis	\$15,053	2013
7.87/7.87	Corral Hollow Road I/C	Modify I/C at Corral Hollow Rd.	Interchange Improvements	3	SJCOG 2011 RTP Tier II	STIP Measure	IRRS-High Emphasis	\$20,000	2013
9.7/9.7	Lammers Road I/C	Construct new I/C at Lammers Rd.	Construct new I/C	3	SJCOG 2011 RTP Tier II	STIP Measure	IRRS-High Emphasis	\$55,000	2025
13.54/15.538	Mt. House Parkway to Alameda County line	Widen 6-8 lanes	Capacity Enhancement	3	SJCOG 2011 RTP Tier II	STIP Measure	IRRS-High Emphasis	\$1,500	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>STA - 5</b>									
0.0/15.85	SJ County Line to Sperry Rd.	Widen from 4 lanes to 6 lanes	Capacity Enhancement	3	STANCOG 2011 RTP Tier II	STIP	IRRS	\$70,500	TBD
0.1 / 27.4	Stanislaus County Monitoring Stations	Install Traffic Monitoring Stations (TMS) at Various Locations	Transportation Management Systems	5	CT	SHOPP	IRRS	\$4,489	2015
15.8 / 15.9	I-5/Sperry Road	Reconstruct Existing Diamond Interchange Having Single-LN Ramps	Interchange Improvements	3	CT	STIP, RIP	IRRS	\$7,337	2019
27.2	Westley Safety Roadside Rest Area Upgrade and Rehabilitation	Rehab and Increase Capacity	Roadside Rest Area Restoration	6	CT	SHOPP	IRRS	\$11,000	TBD
<b>STA - 33</b>									
0.49	SR-33 (South)	Install 4 lane Arterial Roadway Improvements	Capacity Enhancement	3	STANCOG 2011 RTP Tier II	STIP/ OTHER	N/A	\$3,925	2020
0.7 / 0.8	SR-33 through Newman Downtown Plaza	Sidewalk, Curb and Gutter Replacement, Landscaping and Addition of Parking Spaces	Enhancement Project	6	CT	RIP, Local, STIP	N/A	\$2,586	2011
12.48/14.2	SR-33	Widen 2 5 lanes within Patterson City Limits	Capacity Enhancement	3	STANCOG 2011 RTP Tier II	STIP/ OTHER	N/A	\$69,761	2030

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>STA - 33</b>									
13.7 / 13.7	In the County of Stanislaus in the City of Patterson on SR 33 at M St.	Intersection Improvements	Intersection Improvement	3	CT	Local	N/A	\$978	TBD
<b>STA - 99</b>									
R1.4	SR-99 @ Lander Avenue	Construct New Interchange Phase II	Construct New Interchange	3	CT	Non-Shopp	IRRS-High Emphasis Focus Route	\$52,000	TBD
R3.2 / R4.0	Main Street I/C	Reconstruct Interchange	Interchange Improvements	3,4	City of Turlock CT	STIP	IRRS-High Emphasis Focus Route	\$8,100	2014
4.3	SR 99/Fulkert IC Improvements	Interchange Improvements	Interchange Improvements	3,4	City of Turlock CT	Local	IRRS-High Emphasis Focus Route	\$6,800	2012
6.7	Taylor Rd	Reconstruct Existing Interchange	Interchange Improvements	3,4	STANCOG RTP TIER I	CMAQ, Dev. Fees, STIP	IRRS-High Emphasis Focus Route	\$8,407	2025
9.7 / 10.9	Mitchell Rd/Service Rd. Interchange	Reconstruct Interchange	Interchange Improvements	4	City of Ceres CT	Local	IRRS-High Emphasis Focus Route	\$60,196	2022
R10.9/R13.2	Mitchell Rd., to Hatch Rd., Eight Lane Widening	Widen from 6-8 lane Freeway	Capacity Increasing Project	2	CT	Nin-Shopp	IRRS-High Emphasis Focus Route	\$159,590	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>STA - 99</b>									
10.9 / 24.7	Ceres/Modesto 8 Lane Feasibility Study	Widen to Eight Lanes	Capacity Enhancement	4	CT	STIP, RIP	IRRS-High Emphasis Focus Route	\$275,500	TBD
R11.3	Pine Street & SR-99	Reconstruct Interchange	Interchange Improvements	3	CT	Non-Shopp	IRRS-High Emphasis Focus Route	\$90,000	TBD
R11.8 / R24.5	TMS Electrical Elements, Whitmore to Hammett Rd.	TMS Electrical Elements	Transportation Management Systems	5	CT	SHOPP	IRRS-High Emphasis Focus Route	\$0	2019
13.2/15.1	Hatch Rd., to Tuolumne Blvd., Eight Lane Widening	Widen from 6-8 lane Freeway	Capacity Increasing Project	2	CT	Non-Shopp	IRRS-High Emphasis Focus Route	\$87,390	TBD
13.4 / 13.8	Hatch Rd/So 9th St. Auxilliary Lane NB	Add Auxiliary NB Lane HWY 99	Auxiliary Lane	4	CT	STIP, RIP	IRRS-High Emphasis Focus Route	\$1,880	2016
13.16	Hatch Rd. & SR-99	Construct new Overpass	Construct new Overpass	4	STANCOG 2011 RTP Tier II	STIP/ OTHER	IRRS-High Emphasis Focus Route	\$55,809	2030
14.9	Tuolumne Rd	Construct New Overpass	Construct New Overpass	4	STANCOG 2011 RTP TIER I	CMAQ, Dev. Fees, STIP	IRRS-High Emphasis Focus Route	\$10,592	2018

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>STA - 99</b>									
14.9/15.6	SR-99 @ SR-132 West to SR 132 East	New Freeway to Freeway Interchange	New Interchange	2	STAN COG CT	TBD	IRRS-High Emphasis Focus Route	\$97,000	TBD
R14.9/R15.7	SR-99 @ SR-132 West to SR-132 East	New Freeway to Freeway Interchange - Construct fill Interchange at SR-132W/SR-99, Improve intersections on SR-132E/D St., Construct extensions of 5th and 6th St. couplets (Maze Blvd to SR-132E/E St.) and Construct full SR-132E Interchange	New Interchange and Operational Improvements	3	STAN COG CT	TBD	IRRS-High Emphasis Focus Route	\$377,000	TBD
R15.1 / R15.7	Shoulder Widening and Rumble Strip Installation at G St., Modesto	Shoulder Widening and Place Rumble Strips	Operational Improvements	4	CT	SHOPP	IRRS-High Emphasis Focus Route	\$306	2011
15.1 / R17.0	Modesto Ramp Rehab	Rehabilitate 9 Ramps	Operation Improvements	4	CT	SHOPP	IRRS-High Emphasis Focus Route	\$7,518	2013
R18.5	Kansas Ave., to Carpenter Rd., Eight Lane Widening	Wuden from 6-8 lane Freeway	Capacity Increasing Project	2	STAN COG CT	NON-SHOPP	IRRS-High Emphasis Focus Route	\$62,020	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>STA - 99</b>									
R18.5/R24.7	Carpenter Rd., to San Joaquin C., Line/ Eight Lane Widening	Widen from 6-8 lane Freeway	Capacity Increasing Project	2	STAN COG CT	NON-SHOPP	IRRS-High Emphasis Focus Route	\$75,046	TBD
18.6	SR-99 & Briggsmore Interchange	Reconstruct to 8-lane Interchange	Capacity Enhancement	4	STANCOG 2011 RTP Tier II	STIP/ OTHER	IRRS-High Emphasis Focus Route	\$104,306	2025
R18.7/R19.9	Carpenter Rd, to Briggsmore Rd.	Improve on-off ramps and construct N/B & S/V Aux. Lanes	Operational Improvements	3	STAN COG CT	TBD	IRRS-High Emphasis Focus Route	\$9,600	TBD
19.9	SR-99 & Standiford Interchange	Reconstruct to 8-lane Interchange	Capacity Enhancement	4	STANCOG 2011 RTP TIER I	STIP, RSTP, CFF	IRRS-High Emphasis Focus Route	\$40,117	2025
R20.5/R21.5	Beckwith/Standiford to Pelandale	Improve on-off ramps & Construct N/B & S/B Aux. Lanes	Operational Improvements	3	STAN COG CT	TBD	IRRS-High Emphasis Focus Route	\$8,500	2013
21.0 / 22.4	Pelandale Interchange	Modify Interchange	Interchange Improvements	4	City of Modesto CT	Local	IRRS-High Emphasis Focus Route	\$74,607	2014
21.9 / 23.1	Reconstruct Interchange (STA-99 @ Kiernan (SR 219))	Reconstruct Interchange	Interchange Improvements	4	Stanislaus County CT	Local	IRRS-High Emphasis Focus Route	\$59,300	2016
23.8 / 24.8	Reconstruct Interchange STA-99 @ Hammett Road	Reconstruct Interchange	Interchange Improvements	4	Stanislaus County CT	Local	IRRS-High Emphasis Focus Route	\$61,900	2016

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>STA - 108</b>									
0.0	North County Corridor - SR108 East Route Adoption	Expressway on New Alignment	Capacity Enhancement	3	CT	STIP, RIP	IRRS	\$6,200	2018
22.8/24.8	McHenry Ave	Widen from 4 to 6 lanes	Capacity Enhancement	3	STANCOG 2011 RTP Tier II	STIP/ Other	IRRS	\$29,851	2015
31.2 / 31.3	Route 108 Widening	Widen Roadway and Provide Drive Access	Operational Improvements	3	CT	Minor	IRRS	\$766	2011
<b>STA - 120</b>									
3.16/6.00	SR-120 from Valley Home	SR-120 from Valley Home to Rd. to Est of Oakdale Construct 2-lane expressway	Capacity Enhancement	3	STANCOG 2011 RTP Tier II	TBD	IRRS-High Emphasis	\$26,627	2015
<b>STA - 132</b>									
11.4 / 15.3	STA-132 Expressway SR 99 to Yosemite	Construct 4 Lane Freeway on New Alignment	Capacity Enhancement	3	CT	STIP	IRRS West of SR-99	TBD	TBD
14.7	SR-132 East	Improved connection to SR-99 (may include new interchange at SR-99 and widening of SR-132)	Interchange Improvements	3	STANCOG 2011 RTP TIER I	STIP/ OTHER	IRRS West of SR-99	\$128,377	2025

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>STA - 132</b>									
2.4 / 7.1	Route 132 Stage III	Widen to Four Lane Expressway	Capacity Enhancement	3	CT	STIP-RIP	IRRS West of SR-99	\$70,437	2019
7.5 / 11.4	Route 132 State IV	Provide 4 Lane Expressway on New Alignment	Capacity Enhancement	3	CT	STIP, RIP, IIP	IRRS West of SR-99	\$64,325	2021
R11.3 / R14.7	Route 132 West Expressway	Construct 4 Lane Expressway on New Alignment and Soundwall	Capacity Enhancement	3,4	CT	STIP, RIP, TCRP, Local	IRRS West of SR-99	\$68,830	2016
20.1	Empire Right Turn Channelization	Construct Right Turn Channelization	Operational Improvements	4	METC & BNSF CT	Minor	IRRS West of SR-99	\$383	2011
27.7 / 27.7	SR 132 and Bentley Left turn Picket Construction	Construct Left Turn Pocket	Operational Improvements	3	CT	Minor	IRRS West of SR-99	\$798	2012
<b>STA - 219</b>									
3.4 / 7.9	Rte 219, From Morrow Rd to Rte 108 - Widen to 4 Lane	Widen to 4 Lanes and Intersection Improvements	Capacity Enhancement	4	STANCOG, CT	RIP, CMIA, STIP	N/A	\$43,000	2014
22.99	Phass II-Dale Rd to McHenry Ave.	Widen to 4-lane Expressway	Capacity Enhancement	4	STANCOG 2011 RTP TIER I	STIP/ Other	N/A	\$46,987	2012

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>TUO - 49</b>									
0.5 / 0.8	Tuolumne Co Shoulder	Shoulders Widening, Both Sides	Operational Improvement	3	CT	SHOPP	IRRS	\$305	2012
2.5 / 2.8	Moccasin Creek Slipout Repair	Creek Slip-Out Repair	Roadway Protective Betterments	3	CT	SHOPP	IRRS	\$2,891	2021
12.81/14.34	SR 49/SR 108	Widen SR-49/108 to 5 lanes	Capacity Enhancement	3	TCTC 2006/2007 RTP Tier II	STIP/ Other	IRRS	\$13,866	TBD
13.519/16.48	Construct Class I and Class II Facility	Construct Class I/Class II facility	Bike Pedestrian Facilities	3	TCTC 2006/2007 RTP Tier II	STIP/ Other	IRRS	\$6,165	2030
13.8 / 14.4	Jamestown 2-Wy Left Turn Lane	Left Turn Channelization - Two-Way Left Turn Lane	Two Way Left Turn Lane	3	CT	SHOPP	IRRS	\$4,400	TBD
14.34/16.48	Widen SR 49 & SR-108	Widen to 5 lanes	Capacity Enhancement	3	TCTC 2006/2007 RTP Tier II	STIP/ Other	IRRS	\$19,162	TBD
14.74	SR49/SR 108 from High School Road to Rawhide North of Sonora	Construct a new 2 or 4-lane expressway	Capacity Enhancement	3	TCTC 2006/2007 RTP Tier II	STIP/ Other	IRRS	TBD	TBD
14.74/15.031	SR 49/108 Rawhide Rd. to Fifth Avenue	Replace one lane bridge on Rawhide Rd. Realign Rawhide Rd., Jamestown Rd., and Main St. Widen SR108 to five lanes from Rawhide Rd., t Fifth Ave. Signalize SR-49/108/Rawhide Rd., and SR-49/108/Fifth Avenue.	Capacity Enhancement	3	TCTC 2006/2007 RTP Tier I	STIP/ Other	IRRS	\$20,464	2011

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>TUO - 49</b>									
20.392	Parrots Ferry Rd., from SR 49 to Sawmill Flat Rd and Sawmill Flat to Calaveras County	Widen to 4 lanes/Upgrade to major collector standards	Capacity Enhancement	3	TCTC 2006/2007 RTP Tier I	STIP/ Other	IRRS	\$9,078	2008
<b>TUO - 108</b>									
L0.0 / L2.8	Yosemite Junction Rehab	AC Overlay and Widen	Operational Improvement	3	CT	SHOPP	IRRS	\$22,400	TBD
L2.8	SR 108/49 Acceleration Lane	Construct Acceleration Lane	Operational Improvement	3	CT	Minor	IRRS	\$5	2011
TUO-108-R4.0 / R6.0	East Sonora II	Construct Stage 2 of Sonora Bypass	Capacity Enhancement	3	County of Tuolumne CT	STIP, RIP, IIP, CMIA	IRRS	\$43,043	2014
5.870/6.860	East Sonora Bypass, Phass III	Construct new 2-lane arterial expressway bypassing existing SR-108	Capacity Enhancement	3	TCTC 2006/2007 RTP Tier I	STIP/ Other	IRRS	\$44,000	2030
R18.9 / 24.5	East Long Barn Rehab	Pavement Rehab and Shoulder Widening at Various Locations	Operational Improvement	3	CT	SHOPP	IRRS	\$10,992	2019
<b>TUO - 120</b>									
0.0/2.80	SR108/120 AC overlay Widen	Yosemite Junction Rehab.AC Overlay & Widen	Operational Improvement	3	TCTC 2006/2007 RTP Tier II	SHOPP	IRRS-High Emphasis	\$3,388	TBD

Co-Rte-PM	Project Name	Project Description	Type of Project	Category (1-6)	Agency Source	Funding Source	IRRS, High Emphasis or Focus Route	Estimated Total Cost (1,000's)	Proposed Completion Year
<b>TUO - 120</b>									
12.077	SR 120 @ SR108	Install Traffic Signal and Geometric Improvements	Intersection Signalization	3	CT	STIP/ Other	IRRS-High Emphasis	TBD	2020
12.1	Yosemite Junction SRRA	Build New Safety Roadside Rest	New Safety Roadside Rest Areas	6	CT	SHOPP	IRRS-High Emphasis	\$3,000	TBD
12.1 / T16.3	Chines Camp Rehab	Rehab-Widen Shoulder and AC Overlay	Operational Improvement	3	CT	SHOPP	IRRS-High Emphasis	\$7,016	2023
16.2 / 24.1	Chinese Camp II	Rehab-Widen Shoulder and AC Overlay	Operational Improvement	3	CT	SHOPP	IRRS-High Emphasis	\$2,578	2018
30.760/32.550	SR 120 from Wards Ferry Rd., to Ferretti Rd.	Construct new 2 or 4 lane expressway (bypass)	Capacity Enhancement	3	TUO 2006/2007 RTP TIER 1a	STIP/ Other	IRRS-High Emphasis	\$1,700	TBD
24.64/30.37	SR-120 on new Priest Grade to Big Oak Road	Widen Roadway and Install Guard Rails from Old Priest Grade to Big Oak Rd.	Operational Improvement	3	CT	SHOPP	IRRS-High Emphasis	\$2,500	2023