



## Appendix A - Transportation System Development Program

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## transportation system development program

### NEED AND PURPOSE

The District 3 Transportation System Development Program (TSDP) identifies the specific State Highway and major transit improvements needed to maintain regional mobility, decrease traffic congestion, and improve system wide connectivity. Accordingly, the TSDP is the companion planning document to the District System Management Plan, which sets forth the District's major transportation planning and system improvement policies and priorities. Although the TSDP is not restricted by monetary resources, the TSDP takes a reasonable approach to projected funding and most of the projects are included in the adopted, financially-constrained, Regional Transportation Plans (RTP) of the applicable Regional Transportation Planning Agency (RTPA) or Metropolitan Planning Organization (MPO).

The TSDP only includes projects directly related to the DSMP priorities of system completion and congestion relief; and does not include major maintenance projects and related activities. These projects are generally included in the State Highway Operations and Protection Program (SHOPP).

The TSDP is intended to be used by the RTPAs, MPOs, cities, counties, and other partner agencies in their 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.
- Proposes the 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 U.S.C. 23; section 135 and 23 CFR Part 450 and 49 CFR part 613, which requires the state to carryout an inter-modal planning process for all areas of the state including metropolitan areas.

The TSDP is a living dynamic document that is continuously updated and electronically available for internal Caltrans functions within District 3, 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 District System Management Plan (DSMP), Transportation Corridor Concept Reports (TCCR), 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 20-year plus planning period.

The TCCR analyzes a transportation corridor service area, for a 20-year transportation planning horizon, and identifies necessary improvements to achieve the 20-year Concept Level of Service and the ultimate transportation corridor facility. The development of the transportation planning concept established in the TCCR is consistent with the strategies of the DSMP.

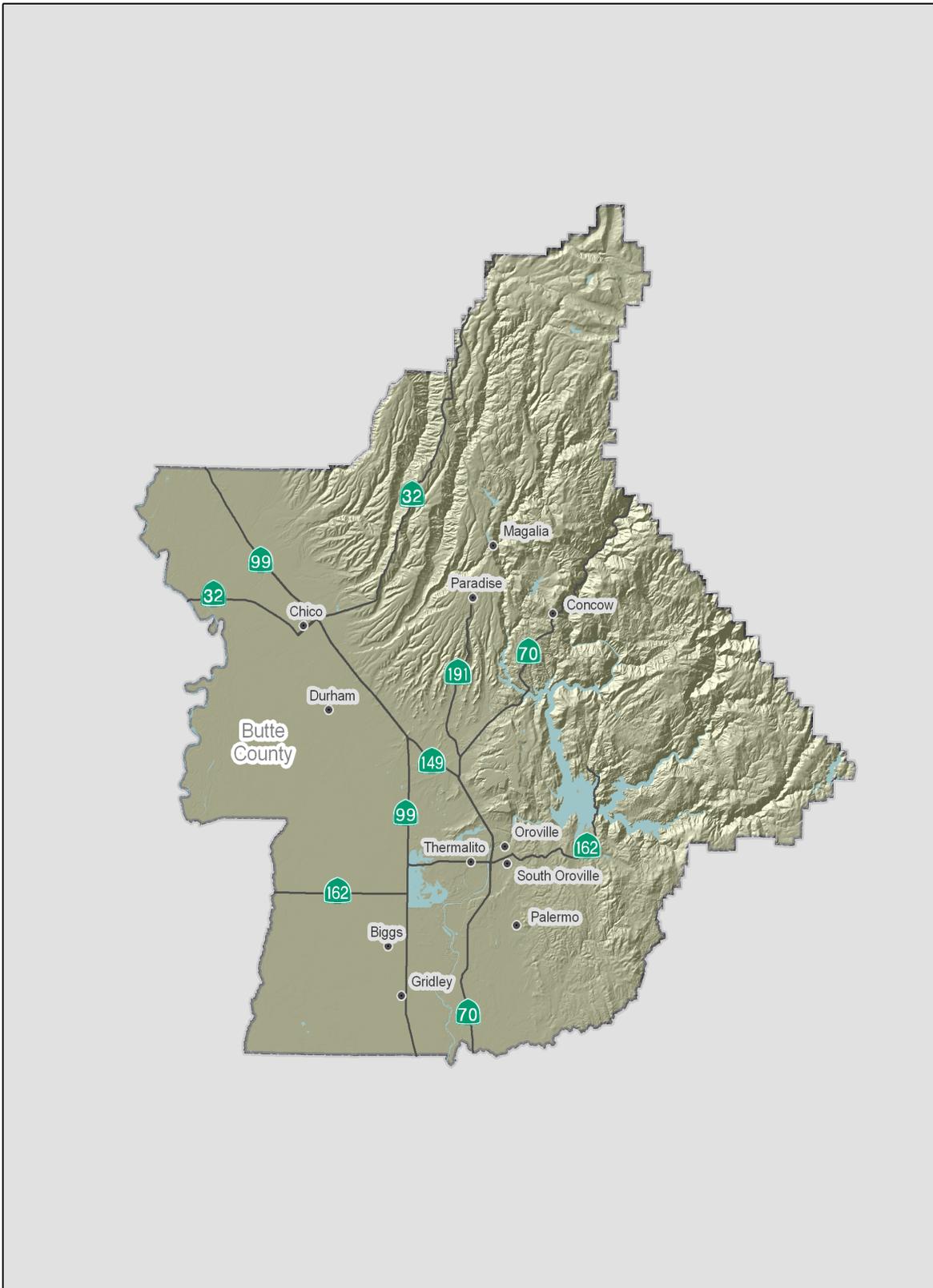
The CSMP is a system planning document that provides strategies to manage the delivery of transportation services along specific segments of the most congested corridors in the District. Each CSMP presents an analysis of existing and future traffic conditions and proposes traffic management strategies and transportation improvements to maintain and enhance mobility. The CSMP maintains the Strategic Growth Plan requirements for monitoring corridor performance, and requirements for corridor productivity and mobility improvements funded by the Corridor Mobility Improvement Account (CMIA) through Proposition 1B of 2006.

## **TRAFFIC OPERATIONAL SYSTEM IMPROVEMENTS**

This iteration of the TSDP is highlighting the use of traffic operational system (TOS) improvements as the priority of our short range planning and project selection activities. Since financial resources for system improvements are scarce, TOS projects provide the best opportunity for near-term congestion relief. Examples of TOS projects include ramp metering, auxiliary lanes, transition lanes, short mixed flow lane extensions, traffic monitoring and information dissemination, Closed Circuit Television Systems (CCTV), Changeable Message Signs (CMS), Extinguishable Message Signs (EMS), Electronic Tag Readers (ETR), Highway Advisory Radio (HAR), Ramp Metering Systems (RMS), Roadside Weather Information Systems (RWIS), and Traffic Monitoring Stations (TMS). Collectively, these very low cost strategies allow the system to operate at optimal performance without adding significant through-capacity.

Pages (53-59) include the priority system and operational improvement project needs for District 3.

## BUTTE COUNTY MAP



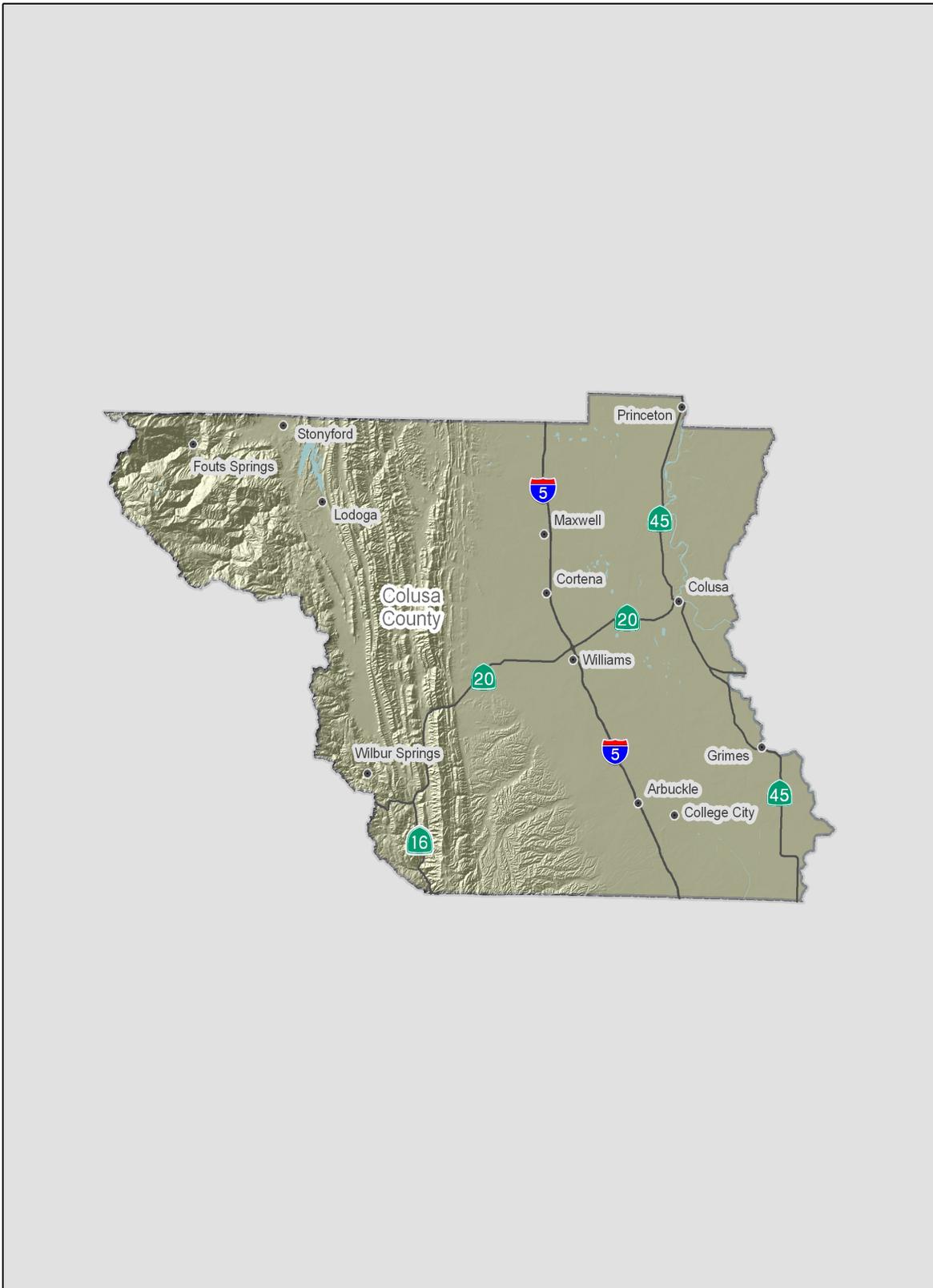
## BUTTE COUNTY

Co	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
BUT	32	0	1.45	SR 32 Class II Bike Lane (Glen Co Line to River Rd)	Class II bike lane from Glenn County Line to River Road	Bike/ Pedestrian Facilities	BCAG	TBD	2030
BUT	32	4.16	7.11	SR 32 Class II Bike Lane (Meridian to 8th)	Class II bike lane from Meridian Avenue to West 8th Avenue	Bike/ Pedestrian Facilities	BCAG	TBD	2030
BUT	32	10.1	11.1	SR 32 Widening Phase I	Widen from two to 4-lanes with intersection modifications from PM 10.1 to east of Forest Avenue (CMIA)	Capacity Enhancements	CT	\$9,925	2016
BUT	32	10.1	12.6	SR 32 Widening Phase II	Widen from two to 4-lanes with intersection modifications from SR32/SR 99 IC to Yosemite Drive (Locally Funded)	Capacity Enhancements	BCAG	\$16,000	2018
BUT	70	0	13.69	SR 70 Passing Lanes Segment 3	Yuba County Line to 0.7 miles south of East Gridley Road	Passing Lanes	BCAG	\$116,000	2030
BUT	70	3.3	6.1	Passing Lanes	Passing lanes from East Gridley Road to Cox Lane	Passing Lanes	BCAG	\$19,000	2015
BUT	70	5.36	9.06	SR 70 Passing Lanes Segment 2	0.4 miles north of Cox Lane to 0.1 miles south of Palermo Road	Passing Lanes	BCAG	\$64,000	2025
BUT	70	9.06	11.55	SR 70 Passing Lanes Segment 1	0.1 miles south of Palermo Road to Ophir Road	Passing Lanes	BCAG	\$39,000	2018
BUT	70	11.6	13.5	Ophir Road Phase 1	Ophir Road (Phase I): widen to 4 lanes and extend freeway from Ophir Road to 0.3 mile south of SR 162	Capacity Enhancements	BCAG	\$20,000	2013
BUT	70	11.55	-	SR 70/Ophir Rd IC	New interchange at Ophir	Interchange Improvements	BCAG	\$30,000	2030
BUT	70	12.49	-	SR 70 Georgia Pacific Way IC	Construct new overcrossing at Georgia Pacific Way	Interchange Improvements	BCAG	\$30,000	2030
BUT	70	15.42	-	SR 70 / Grand Avenue OC	Widen Grand Avenue overcrossing	Interchange Improvements	BCAG	TBD	2030
BUT	70	15.72	-	SR 70 / Nelson Avenue IC	Install signals, widen ramps, & install turn lanes at Nelson and Grand Avenues	Interchange Improvements	BCAG	\$1,500	2018

## BUTTE COUNTY

Co	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
BUT	99	0	21.81	SR 99/Passing Lanes	Construct passing lanes on SR 99 to improve traffic operations and safety (Butte & Sutter Counties)	Passing Lanes	CT	\$8,000	2028
BUT	99	R3.49	R3.74	SR 99 / Gridley	Construct sidewalks / pedestrian ramps from Obermeyer Avenue to 0.34 miles north	Bike/ Pedestrian Facilities	BCAG	TBD	2016
BUT	99	26.04	-	SR 99/Neal Rd IC	Construct Interchange at Neal Road	New Interchange	BCAG	\$30,000	2025
BUT	99	28.1	29.6	Butte Creek Bridge Replacement	Replacement of NB structure	Bridge	CT	\$11,900	2014
BUT	99	29.37	-	SR 99/Southgate Ave IC	Construct new interchange & connections to Skyway & Midway. Complete frontage road to Estates Drive	New Interchange	BCAG	\$29,000	2025
BUT	99	R30.60	-	SR 99/Skyway IC	Widen overcrossing and revise ramps	Interchange Improvements	BCAG	\$8,000	2015
BUT	99	R34.25	-	SR 99/Cohasset Rd IC	Construct southbound on-ramps with operational improvements on the overcrossing over SR 99 to address congestion	Interchange Improvements	BCAG	\$31,000	2018
BUT	99	R36.13	R36.47	SR 99/ Eaton Ave IC	Interchange reconstruction (locally funded)	Interchange Improvement	BCAG	\$16,000	2018
BUT	99	T37.76	-	SR 99 / Garner Lane Signal	Install signal and construct turn lanes at Garner Lane	Operational Improvements	BCAG	TBD	2025
BUT	99	T37.76	-	SR 99 / Garner Lane Extension	Extend freeway four-lane section to Garner Lane	Capacity Enhancements	BCAG	TBD	2025
BUT	99	T38.26	45.97	SR 99/ Esplanade to County Line	Construct Expressway North Chico from Esplanade to Tehama County Line	Capacity Enhancements	CT	\$54,000	2030
BUT	162	12.8	18.45	SR 162 Widening	Oro-Dam Blvd to Foothill Blvd: Widen to four lanes	Capacity Enhancements	Oroville General Plan	TBD	2030
BUT	162	22.89	-	SR 162 Signal	Construct signal at Kelly Ridge Road	Operational Improvements	BCAG	TBD	2015
BUT	191	10.1	11.4	SR 191/ Pearson Road to Lava Creek	Add two-way-left-turn lane, construct sidewalks, & improve shoulders	Operational Improvements	BCAG	\$12,000	2014

## COLUSA COUNTY MAP



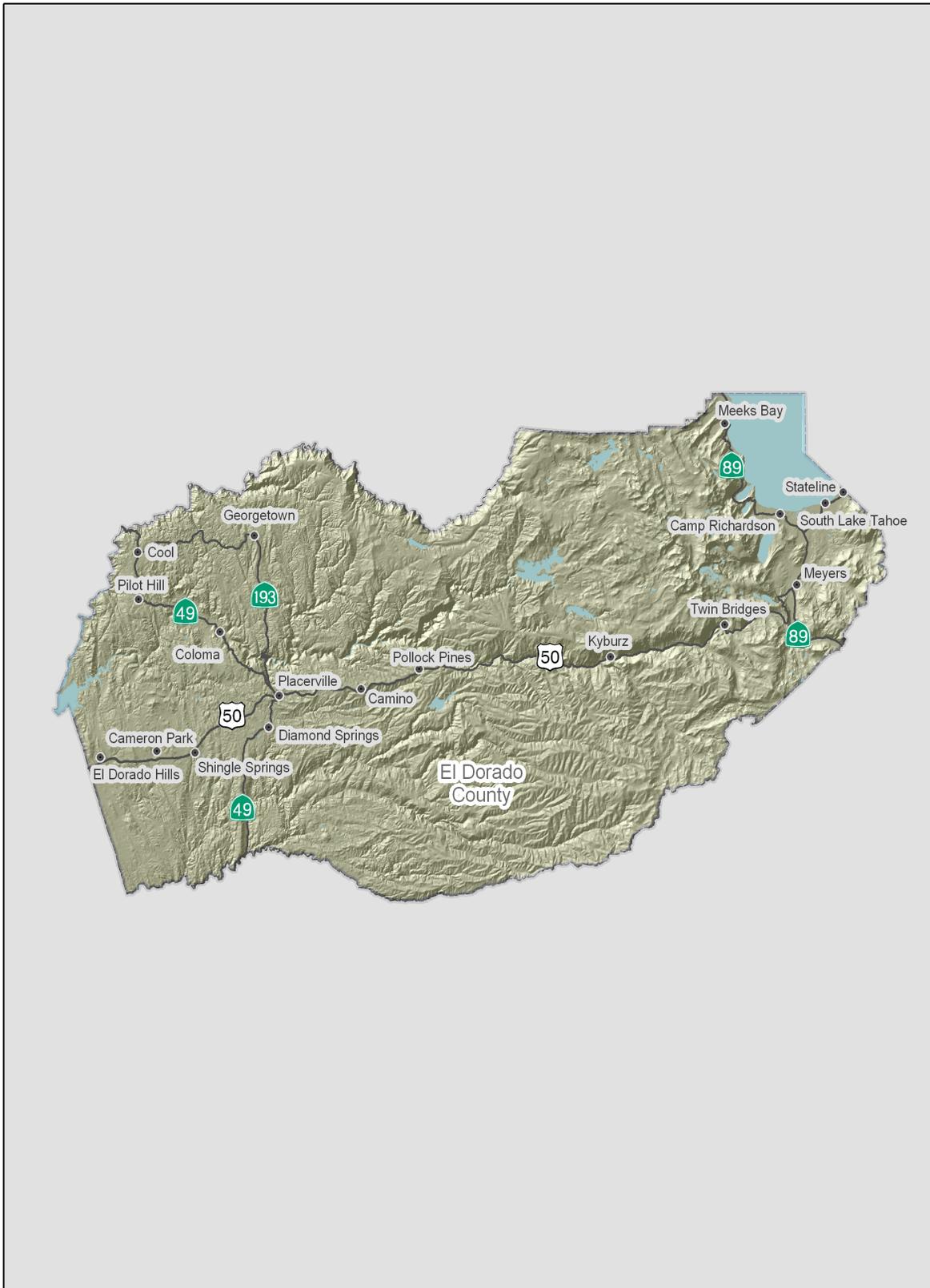
## COLUSA COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
COL	5	2.3	13.8	I-5/Vertical Clearance	Increase vertical clearance at Greenbay and Meyers Road overcrossings	Operational Improvements	CT	\$2,000	2022
COL	5	R17.80	-	I-5/ITS	Install southbound Changeable Message Sign and Closed Circuit Television south of E Street	Operational Improvements	CT	TBD	2022
COL	5	24	24.3	I-5/Truck Parking	In Maxwell, add truck parking spaces, improve ramp, walkway, drainage, and lighting	Truck Facilities	CT	\$4,800	2022
COL	5	R18.7	R34.36	I-5/ITS	Install northbound Changeable Message Sign and Closed Circuit Television	Operational Improvements	CT	TBD	2022
COL	20	13.27	-	SR 20/Walnut Drive	Install signal at Walnut Drive when warrants are met	Intersection Improvements	CT	\$500	2020
COL	20	T23.17	-	SR 20/Husted Road	Intersection improvements at Husted Road due to proposed development	Intersection Improvements	CT	\$500	2015
COL	20	26.94	-	SR 20/Lone Star Road	Improve drainage under the highway at Lone Star Road to reduce flooding	Intersection Improvements	CT	TBD	2015
COL	20	30.64	-	SR 20/Fremont St	Install two-way left-turn channel Fremont Street to N. Market Street in Colusa	Intersection Improvements	CT	\$2,000	2015

## COLUSA COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
COL	20	0	R22.07	SR 20/Lake County Line	Bring up to current standards, and add passing lanes (Lake County line to I-5)	Passing Lanes	CCTC	\$5,000	2013
COL	20	0	5.45	SR 20/Lake County Line to SR 16	Widen shoulders and rehab pavement from Lake County Line to 2 miles east of SR 16	Capacity Enhancements	CT	\$36,000	2020
COL	20	R22.24	R39.34	SR 20/Sutter County Line	Operational improvements from I-5 to Sutter County Line	Operational Improvements	CCTC	\$6,000	2013
COL	20	T 23.31	30.4	SR 20/Williams - East	Add passing lanes between Colusa and Williams	Passing Lanes	CCTC	\$3,000	2013
COL	20	13.5	15.5	SR 20/Williams - West	Install Passing Lanes EB/WB, West of Williams	Operational Improvements	CCTC	\$3,000	2013
COL	45	25.9	-	SR 45 /Reservation Rd	Intersection improvements SR 45 and Reservation Access Rd	Intersection Improvements	CCTC	\$1,000	2013
COL	45	22.78	22.97	SR 45/Wintun Rd	Widen SR 45 from Wintun Rd to Colusa Casino	Capacity Enhancements	CCTC	\$1,000	2013

## EL DORADO COUNTY MAP



## EL DORADO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
ED	49	9.64	11.23	SR 49 Diamond Springs Business District	Widen: from Pleasant Valley Rd to Missouri Flat Rd, in the business district of Diamond Springs, to accommodate a two-way left-turn lane and shoulder work.	Capacity Enhancements	SACOG	\$13,571	2015
ED	49	10.7	-	SR 49/Patterson Dr	Intersection signalization	Intersection Improvements	EDCTC	\$6,529	2013
ED	49	11.54	11.85	SR 49 Diamond Springs Pkwy Phase 1	New Road: 2 lane divided from Missouri Flat Road, north of China Garden to SR 49, north of Lime Kiln/ Black Rice Roads. Involves realignment of Missouri Flat road and SR 49 north of Pleasant Valley Road	Realignment	EDCTC	\$32,477	2013
ED	49	11.23	11.85	SR 49 Diamond Springs Pkwy Phase 2	Widen: 4 lanes (divided) from Missouri Flat Rd to SR 49	Capacity Enhancements	SACOG	\$11,720	2020
ED	49	31.1	-	SR 49/Left Turn Channelization	Turn pocket at Rattlesnake Bar Road	Operational Improvements	CT	\$1,100	2017
ED	49	33.45	34.46	SR 49/Northside School	Class I Bike Path along west side of SR 49 from Northside School (Cave Valley Road) to intersection of SR 49 and SR 193	Bike/ Pedestrian Facilities	SACOG	\$2,913	2015
ED	49	34.46	38.23	SR 49/SR 193 Cool	Widen 2 new passing Lanes from SR 193 (in Cool) to the northern County Line In El Dorado County	Capacity Enhancements	SACOG	\$5,566	2015
ED	49	unk	unk	SR 49 Re-alignment	Realignment of SR 49 in the vicinity of Placerville	Realignment	EDCTC	\$28,000	TBD
ED	50	0	80.44	US 50/ITS Phase 1	ITS improvements along US 50 including upgrading all controllers and adding CCTVs and CMSs	Intelligent Transportation System	CT	\$6,830	2012

## EL DORADO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
ED	50	0	80.44	US 50/ITS Phase 2	ITS improvements along US 50 including projects listed and prioritized in El Dorado County	Intelligent Transportation System	CT	\$6,851	2017
ED	50	0	1.07	US 50/ Bass Lake Grade	Construct new lanes within median to close gap between EB truck climbing lane from Bass Lake Grade.	Capacity Enhancements	SACOG	\$3,453	2012
ED	50	0	R1.67	US 50/El Dorado Hills Blvd - Aux Lane	Construct new westbound aux lane within median of US 50 between Silva Valley Pkwy and Empire Ranch Rd future new interchanges.	Operational Improvements	SACOG	\$5,860	2014
ED	50	0.85	-	US 50/El Dorado Hills Blvd Bike OC	Pedestrian and Bike Overcrossing east of El Dorado Hills Blvd IC from Raley's Center to El Dorado Hills Town Center	Bike/ Pedestrian Facilities	SACOG	\$6,783	2023
ED	50	0.85	-	US 50/El Dorado Hills Blvd IC	Final phase constructs new WB off-ramp, improves WB on-/off-ramps and widens El Dorado Hills Boulevard.	Interchange Improvements	EDCTC	\$28,357	2020
ED	50	0.86	-	US 50/ Latrobe IC	Reconstruct interchange at US50/Latrobe Road	Interchange Improvements	CT	\$32,035	2015
ED	50	R1.3	R1.8	US 50/ Silva Valley Pkwy - Phase 1	Phase I - Includes US 50 on-/off-ramps, overcrossing, and US 50 aux lanes.	Operational Improvements	SACOG	\$60,014	2014
ED	50	R1.3	R1.8	US 50/ Silva Valley Pkwy - Phase 2	Phase 2 - Construction of eastbound diagonal and westbound loop on-ramps to US 50.	Operational Improvements	SACOG	\$14,200	2020
ED	50	R3.23	R8.56	US 50 HOV Lanes - Phase 2A	Phase 2A: Add HOV lanes in median between Bass Lake Rd and Cameron Park Dr Interchanges.	HOV Lanes	SACOG	\$24,865	2014

## EL DORADO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
ED	50	R3.23	-	US 50/ Bass Lake Rd - Phase 1	IC Improvements - EB ramp widening, road widening, signals, & WB aux lane between Bass Lake Rd and Silva Valley Pkwy IC. Phase 1 assumes bridge replacement	Interchange Improvements	SACOG	\$20,830	2025
ED	50	R3.26	-	US 50/ Bass Lake Rd - Phase 2	IC Improvements - additional ramp, road widening and a WB auxiliary lane between Bass Lake Rd and Cambridge Rd.	Interchange Improvements	CT	\$13,487	2020
ED	50	6.57	-	US 50/ Cameron Park Dr - Phase 1	Phase 1 - includes a detailed study to identify capacity improvements, alternatives, and selection of a preferred alternative. Assumes reconstruction of existing.	Interchange Improvements	EDCTC	\$58,740	2019
ED	50	4.96	R8.56	US 50/ Cameron Park Dr - Phase 2	Phase 2 - Construct auxiliary lanes EB & WB between Cambridge Rd and Ponderosa Rd Interchanges	Operational Improvements	SACOG	\$14,550	2025
ED	50	R8.56	R8.56	US 50 HOV Lanes - Phase 2B	Phase 2B: Add HOV lanes in median between Cameron Park Dr and Ponderosa Rd Interchanges.	HOV Lanes	SACOG	\$22,640	2025
ED	50	R8.56	R12.48	US 50 HOV Lanes - Phase 3	Phase 3: Add HOV lanes between Ponderosa Rd and Greenstone	HOV Lanes	EDCTC	\$34,730	2013
ED	50	R8.56	-	US 50/ Ponderosa Rd/South Shingle Rd IC Phase 1	Phase 1: Realignment farther south possibly aligning with Sunset Lane. Includes signaling the intersection.	Interchange Improvements	SACOG	\$7,147	2023

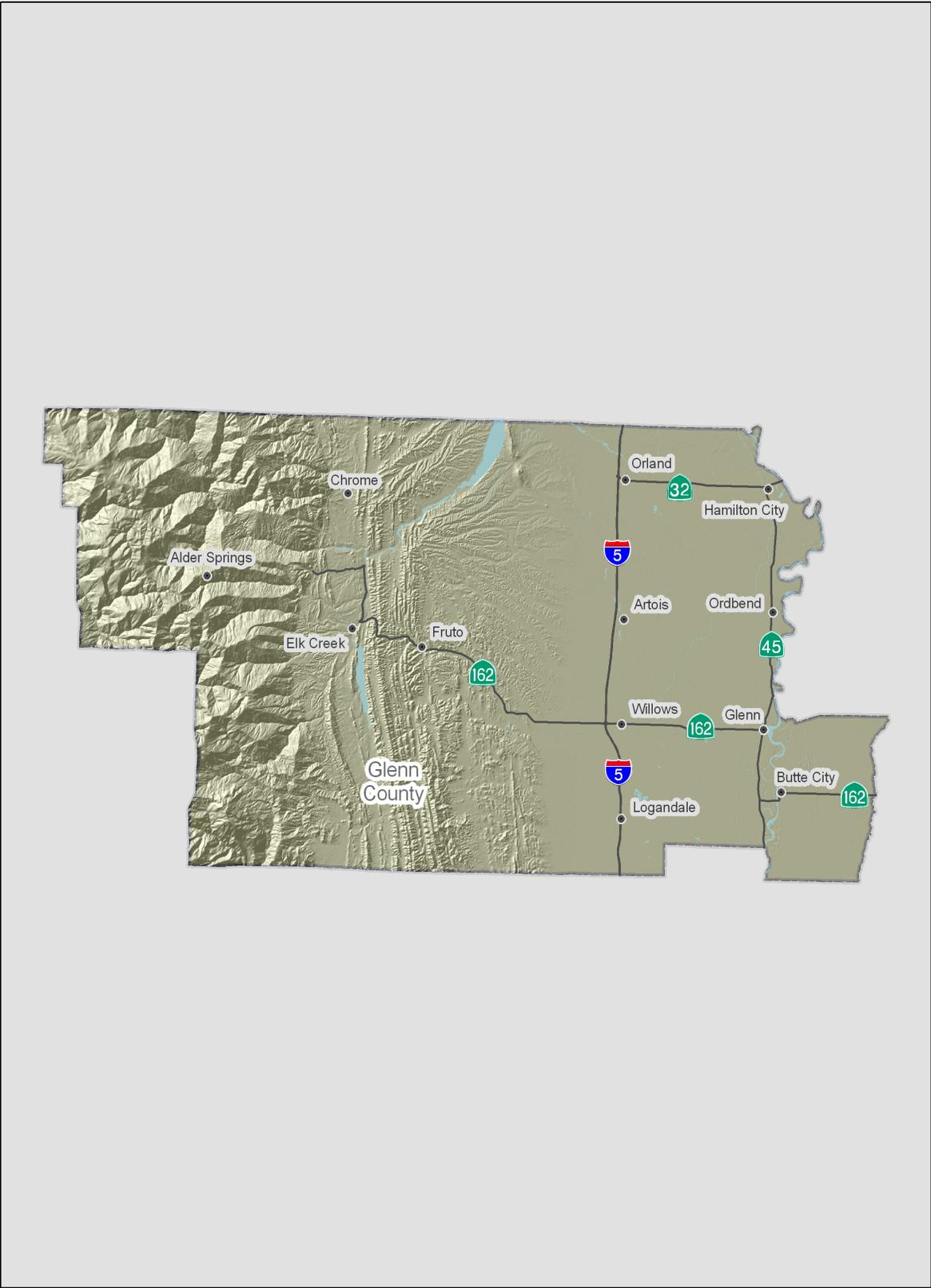
## EL DORADO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
ED	50	R8.56	-	US 50/ Ponderosa Rd/ North Shingle Rd Interchange Phase 2	Phase 2: Realignment 1/4 mile of North Shingle Rd. to about 600 ft north at Ponderosa Rd. Realignment of WB off-ramp to align with Wild Chaparral Dr. Includes signaling the new intersection.	Interchange Improvements	SACOG	\$5,020	2023
ED	50	R8.56	-	US 50/ Ponderosa Rd/ South Shingle Rd IC Phase 3	Phase 3: Widen existing U.S. 50 OC; improve EB on/off-ramps and WB on-ramps	Interchange Improvements	SACOG	\$23,090	2025
ED	50	R8.56	-	US 50/ Ponderosa Rd/ South Shingle Rd IC Phase 4	Phase 4: Improve interchanges and EB & WB aux lanes between Ponderosa Rd IC to Cameron Park Dr. IC	Interchange Improvements	SACOG	\$8,444	2019
ED	50	R14.01	-	US 50/El Dorado Rd IC - Phase 1	Widening EB off-ramp for left turn lane and signalization at on-ramps	Interchange Improvements	SACOG	\$3,540	2025
ED	50	R14.01	-	US 50/El Dorado Rd IC - Phase 2	Construct left and right turn lanes and additional through traffic lanes in all approaches to the interchange	Interchange Improvements	SACOG	\$7,270	2025
ED	50	R14.40	R15.8	US 50/ Missouri Flat Rd - Phase 1b	Reconfiguration of interchange to 4-lane tight diamond, construction of aux lanes between the interchange and Forni Rd.	Interchange Improvements	SACOG	\$36,053	2012

## EL DORADO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
ED	50	19.6	R 25.94	US 50/ Smith Flat to Cedar Grove	Upgrade section of U.S. 50 to full freeway, with one interchange and one overcrossing between Smith Flat and Cedar Grove and eliminate all at-grade access to US 50.	Capacity Enhancements	CT	\$56,000	2025
ED	50	23.24	R 28.84	US 50/ Camino	Camino widening for parallel capacity (PA&ED, PS&E)	Operational Improvements	EDCTC	\$4,332	2020
ED	50	70.62	80.44	US 50/ South Lake Ta- hoe	Signal Synchronization from US 50/89 Jct. to Stateline	Operational Improvements	TRPA	\$2,752	2017
ED	50	75.44	80.44	US 50/ South Lake Ta- hoe	Create new loop road, Park Ave to Stateline	Realignment	TRPA	\$113,000	2022

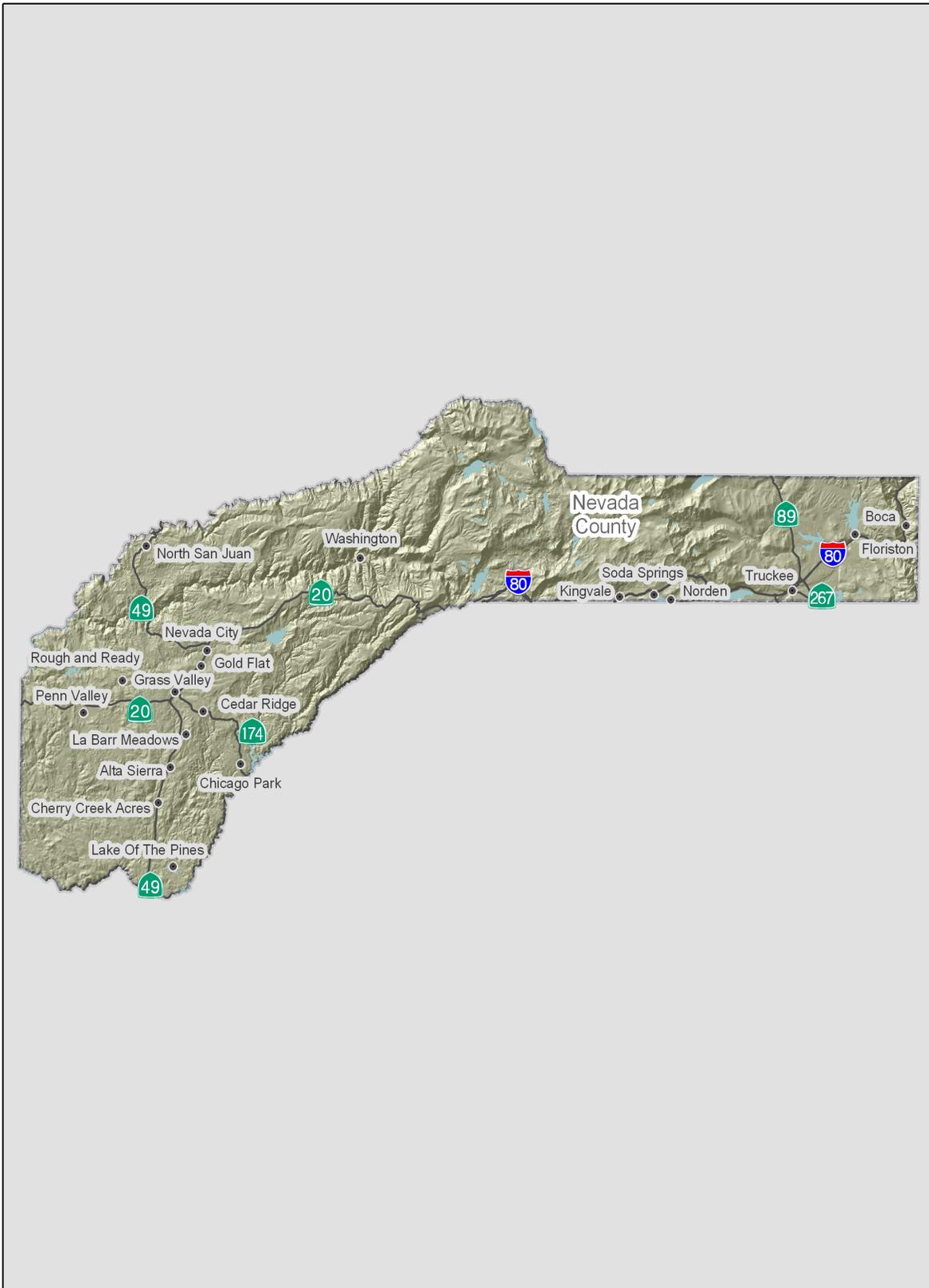
GLENN COUNTY MAP



## GLENN COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
GLE	5	R5.57	-	I-5/County Road (CR) 60 CMS/CCTV	Install SB Changeable Message Sign and Closed Circuit TV south of CR 60	TOS	CT	TBD	2022
GLE	5	R24.95	-	I-5/CR 16 CMS/CCTV	Install SB Changeable Message Sign and Closed Circuit TV south of CR 16	TOS	CT	TBD	2022
GLE	5	R25.52	-	I-5/SR 32 CMS/CCTV	Install NB Changeable Message Sign and Closed Circuit TV north of SR 32	TOS	CT	TBD	2022
GLE	32	1.02	10.91	SR 32/Widen	Realign, widen to 4/5 lanes, and pave from Orland to Butte County	Capacity Enhancement	Glenn County Transportation Commission (GCTC)	\$10,000	2020
GLE	32	R5.63	9.5	SR 32/ Hamilton City	Add passing lanes west of Hamilton City	Passing Lanes	CT	\$3,000	2017
GLE	32	9.7	10.3	SR 32/High School	Overcrossing for Hamilton High School	Safety project	GCTC	\$500	2017
GLE	45	0	23.24	SR 45/Ped & Bike Path	SR 32 to Colusa County , improvement and widen shoulders	Bicycle / Pedestrian Facilities	GCTC	\$7,693	2015
GLE	162	37.64	65.41	SR 162/ Willows - West	Realign, widen, pave, west of Willows	Capacity Enhancement	GCTC	\$22,000	2030
GLE	162	65.51	-	SR 162/ Ped & Bike Path	Construct pedestrian facilities, I-5 to Crossover 306	Pedestrian Facilities	GCTC	\$6,500	2030
GLE	162	65.83	66.63	Villa Ave. to Tehama Class III Bike Route	Class III Bike Route	Bicycle / Pedestrian Facilities	GCTC	TBD	2030
GLE	162	67.1	76.26	SR 162/Ped & Bike Path Wil-lows	Construct pedestrian facilities, 1st St. to Princeton Canal, Willows	Pedestrian Facilities	GCTC	\$2,995	2015
GLE	162	67.1	76.26	SR 162/Wil-lows - East	Realign, widen, pave, east of Willows	Capacity Enhancement	GCTC	\$12,000	2030

# NEVADA COUNTY MAP



## NEVADA COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
NEV	20	R4.65	R12.30	SR 20/ Pleasant Valley Rd	Improve to 4 lanes from Pleasant Valley Rd to SR 49	Capacity Enhancements	NCTC	\$11,400	2025
NEV	20	R11.96	-	SR 20/ McCourtney Rd	Install traffic signal or single lane roundabout at EB ramps/McCourtney Road intersection	Operational Improvements	NCTC	\$1,290	TBD
NEV	20	R12.17	-	SR 20/ Mill St	Install traffic signal on WB ramps at Mill Street	Operational Improvements	NCTC	\$626	TBD
NEV	20	R13.11	-	SR 20/ Bennett St	Install traffic signals and ADA compliance at NB and SB ramps	Interchange Improvements	NCTC	\$1,340	TBD
NEV	20	R13.61	-	SR 20/ Idaho Maryland	Install coordinated signals at ramps and Railroad Avenue	Interchange Improvements	NCTC	\$1,143	TBD
NEV	20	R14.26	-	SR 20/ Dorsey Dr	Construct new interchange at Dorsey Dr	Interchange Improvements	NCTC	\$25,000	2013
NEV	20	R14.79	-	SR 20/ Brunswick Road/SB Ramps	Improve operation of Brunswick Road intersection and eastbound Brunswick Road access to SB on ramp	Interchange Improvements	NCTC	\$892	TBD
NEV	20	R15.91	-	SR 20/ Gold Flat/ Ridge Road Ramps	Install intersection improvements: roundabouts or signals. Close spacing of intersections necessitates improvements at all three intersections	Interchange Improvements	NCTC	\$4,000	2027
NEV	20	R17.39	-	SR20/ Uren St	Two lane overcrossing with roundabouts at the ramp intersections	Interchange Improvements	NCTC	\$15,000	TBD
NEV	20	25.5	26.3	SR 20/ Washington Ridge Rd	Construct passing and truck climbing lanes, near Washington Ridge Rd	Passing Lanes	CT	\$1,500	2025

## NEVADA COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
NEV	20	32.32	41.28	SR 20/ Passing lanes	Add passing lanes between Nevada City and SR 20/I-80 Junction	Passing Lanes	CT	\$1,500	2025
NEV	49	2.19	-	SR 49/ Combie Rd	Construct 2nd SB left turn lane, SR 49 to Combie Rd	Intersection Improvements	NCTC	\$2,346	2027
NEV	49	2.71	5.79	SR 49 from Cameo Dr to Holcomb Rd/Cherry Creek Rd	Complete widening to 5 lanes; eliminate Cameo Dr intersection	Capacity Enhancements	CT	\$76,000	TBD
NEV	49	7.17	9.22	SR 49 from north of Lime Kiln Rd to south of Alta Sierra Dr	Widen to 5 lanes; connect Auburn Rd further south as T-intersection, leave Pekolee as T-intersection, combine Round Valley Rd and Quail Creek Rd intersections	Capacity Enhancements	CT	\$42,000	TBD
NEV	49	7.17	6.12	SR 49 from south of Lime Kiln Rd to north of Cherry Creek Rd	Lengthen 2 SB lanes; eliminate southerly connection and improve northerly connection with Cherry Creek Rd	Capacity Enhancements	CT	\$13,500	TBD
NEV	49	9.22	10.26	SR 49 from south side of Alta Sierra Dr to south of Kenwood Dr	Second SB thru lane with median and shoulder widening; leave Pingree Rd as T-intersection, connect Timberland Rd to Pingree Rd, connect Lady Jane Rd to Little Valley Rd intersection	Capacity Enhancements	CT	\$31,500	TBD
NEV	49	9.7	11.21	SR 49/ La Barr Meadows South	Widen SR 49 from Little Valley Road, .5 mi near Alta Sierra Dr to .5 mi. south of Wellswood Way - La Barr Meadows project	Capacity Enhancements	CT	\$30,265	2014
NEV	49	11.51	11.9	SR 49 from south of Cornette Wy to Christian Life Way	Widen to 5 lanes; connect Wellswood to proposed intersection on north near church	Capacity Enhancements	CT	\$39,000	TBD

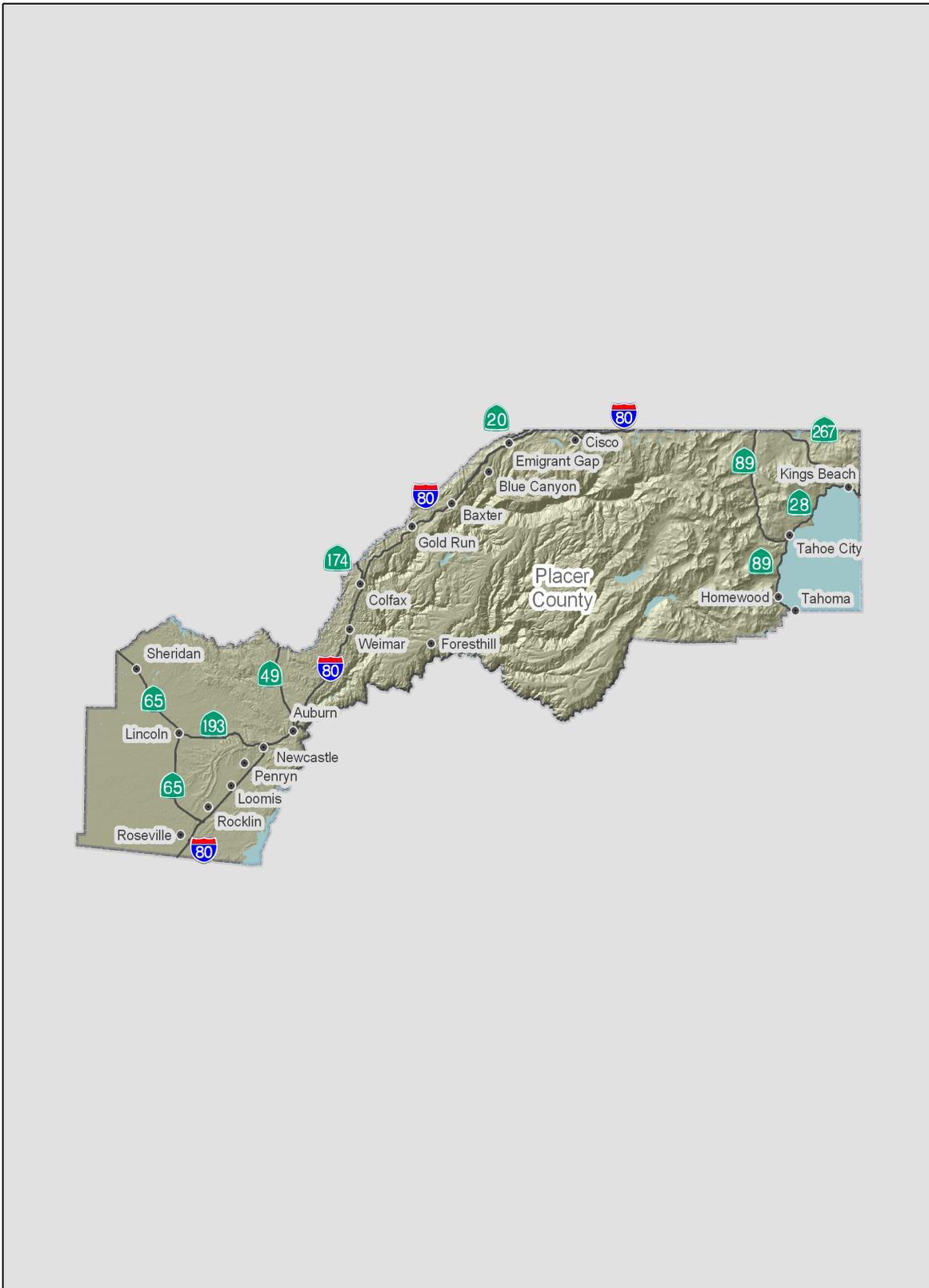
## NEVADA COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
NEV	49	11.9	R13.26	SR 49 from Christian Life Wy to McKnight Wy	Widen to 5 lanes; at intersection near Crestview, limit to rt turns only on east side	Capacity Enhancements	CT	\$38,000	TBD
NEV	49	12.89	-	SR 49/ Crestview Dr	Construct Crestview Dr interchange and north/ south connector road	Interchange Improvements	NCTC	\$55,000	2015
NEV	49	R14.46	-	SR 49/ Empire	Construct new Empire Interchange	Interchange Improvements	NCTC	\$18,000	2027
NEV	49	15.2	-	SR 49/ Coyote Exit	Widen to 32', left-turn lane at Coyote St, eliminate Coyote Exit	Operational Improvements	CT	\$1,000	2017
NEV	49	13.26	-	SR 49 / McKnight/ La Barr Meadows	Closely spaced intersections necessitate improvements at all 4 intersections	Intersection Improvements	CT	\$5,499	TBD
NEV	49	2.19	-	SR 49/ Wolf Rd & Combie Rd	Extend the right turn lane at Wolf Rd & Combie Rd	Intersection Improvements	CT	\$800	2027
NEV	80	13.19	-	I-80/ Cold Stream Rd	Construct 2-lane roundabout	Interchange Improvements	NCTC	\$2,832	2020
NEV	80	14.97	-	I-80/ Donner Pass Rd	Construct roundabout or equivalent improvement on WB ramps	Interchange Improvements	NCTC	\$2,832	2020
NEV	89	0.13	-	SR 89/ Mousehole	Provide two additional travel lanes, sidewalks, and bicycle lanes	Capacity Enhancements	NCTC	\$35,000	TBD
NEV	89	R0.83	-	SR 89/ Donner Pass Rd	Construct 2-lane roundabout at SR 89 South	Intersection Improvements	NCTC	\$4,249	2020
NEV	89	2.11	-	SR 89/ Rainbow Road	Intersection improvements	Intersection Improvements	NCTC	\$424	2020
NEV	89	2.84	-	SR 89/ Alder Creek Road	Intersection improvements	Intersection Improvements	NCTC	\$708	2020

## NEVADA COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
NEV	174	6.45	-	SR 174/ Brunswick Rd	Realign SR 174 to create 4-way intersection and install signal, or roundabout	Intersection Improvements	NCTC	\$4,269	TBD
NEV	174	9.6	-	SR 174/ Race St	Improve curve and channelization at Race Street	Operational Improvements	NCTC	\$1,000	TBD
NEV	267	M1.49	-	SR 267/ Brockway Rd	Construct Roundabout at SR 267/ Brockway Rd/ Soaring Way intersection	Intersection Improvements	NCTC	\$4,249	2020
NEV	267	M0.00	M1.49	SR 267/ County Line to Brockway Rd	Widen from 2- to 4-lanes from Placer County to Brockway Rd	Capacity Enhancements	NCTC	\$3,540	2030
NEV	267	M0.00	-	SR 267/I-80 EB	Construct roundabout at I-80 EB ramps	Interchange Improvements	NCTC	\$3,115	2030
NEV	267	M0.00	-	SR 267/I-80 WB	Construct roundabout or loop on-ramp for I-80 WB ramp intersection	Interchange Improvements	NCTC	\$3,540	2030

# PLACER COUNTY MAP



## PLACER COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
PLA	49	4.56	5.21	SR 49 Widening	Widen from 4 to 6 lanes from Nevada Street to Luther Road	Capacity Enhancements	PCTPA	\$19,400	2027
PLA	49	5.63	6.38	SR 49/ New Airport	Construct pedestrian facilities along SR 49 from New Airport Road to Bell Road	Bike / Pedestrian Facilities	PCTPA	\$1,800	2014
PLA	49	6.38	7.42	SR 49 Widening	Widen from 4 to 6 lanes from Dry Creek Road to Bell Road	Capacity Enhancements	PCTPA	\$19,400	2027
PLA	65	R4.89	-	SR 65/I-80 IC Phase I	Interchange improvements, including HOV connector ramps	Interchange Improvements	SACOG	\$30,000	2020
PLA	65	R4.89	T12.84	SR 65/Bus-Carpool Lanes	Bus/Carpool Lanes: I-80 to Industrial Ave	HOV Lanes	SACOG	\$109,270	2020
PLA	65	R5.610	-	SR 65/Galleria Blvd IC Phase 2	Restripe Galleria/Stanford Ranch to 6 lanes; modify 3 NB & SB off ramps and SB Stanford Ranch Rd to NB SR 65 on ramp; add 2nd N/B Galleria to NB SR 65 left-turn lane (Phase 2)	Interchange Improvements	PCTPA	\$4,000	2015
PLA	65	R10.50	-	SR 65/ Placer Parkway Project	Construct 4 lane expressway from SR 65 at Whitney Ranch to SR 70/99; Placer County portion of Placer Parkway	New Facility	PCTPA	\$660,000	2035
PLA	65	R10.50	-	SR 65/ Whitney Ranch Pkwy IC	Construct full movement interchange	Interchange Improvements	PCTPA	\$20,000	2016
PLA	65	R11.92	-	SR 65/ Twelve Bridges IC	Upgrade Twelve Bridges overcrossing to a full IC with merge lane to SB SR 65	Interchange Improvements	CT	TBD	TBD

**PLACER COUNTY**

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
PLA	65	12.2	R23.8	SR 65/ Lincoln Bypass	Construct new 4-lane expressway freeway on a new alignment from Industrial Ave to Nelson Lane and continue north with 2 lanes to Sheridan. Also design and construct a Park & Ride facility at SR 65 Bypass and Industrial Ave.	Realignment	SACOG	\$291,783	2014
PLA	65	-	R23.8	SR 65/ Lincoln Bypass (Phase 2)	Construct a 4-lane expressway from Nelson Lane to Sheridan	Capacity Enhancements	SACOG	\$20,000	2014
PLA	65	12.96	-	SR 65/ Lincoln Bypass & Ferrari Ranch Road IC	Construct IC at Ferrari Ranch Road and Lincoln Bypass	Interchange Improvements	PCTPA	\$14,495	2012
PLA	80	0	2.85	I-80/Operational Improvements & HOV - Phase 2	Phase 2: Construct eastbound and westbound HOV lanes and auxiliary lanes, with bridge widening and ramp modifications from west of Sacramento/Placer County line to Miner's Ravine Bridge.	HOV Lanes	SACOG	\$47,576	2013
PLA	80	2.85	5.11	I-80/HOV Lanes & Aux Lanes - Phase 3	Phase 3: Construct east and west bound extensions of the HOV lanes and auxiliary lanes from Miner's Ravine to SR 65. Includes widening of Miner's Ravine Bridge in both directions.	HOV Lanes	SACOG	\$33,848	2013
PLA	80	4.16	-	I-80/SR 65 IC Phase I	Interchange improvements, including HOV connector ramps.	Interchange Improvements	SACOG	\$30,000	2020

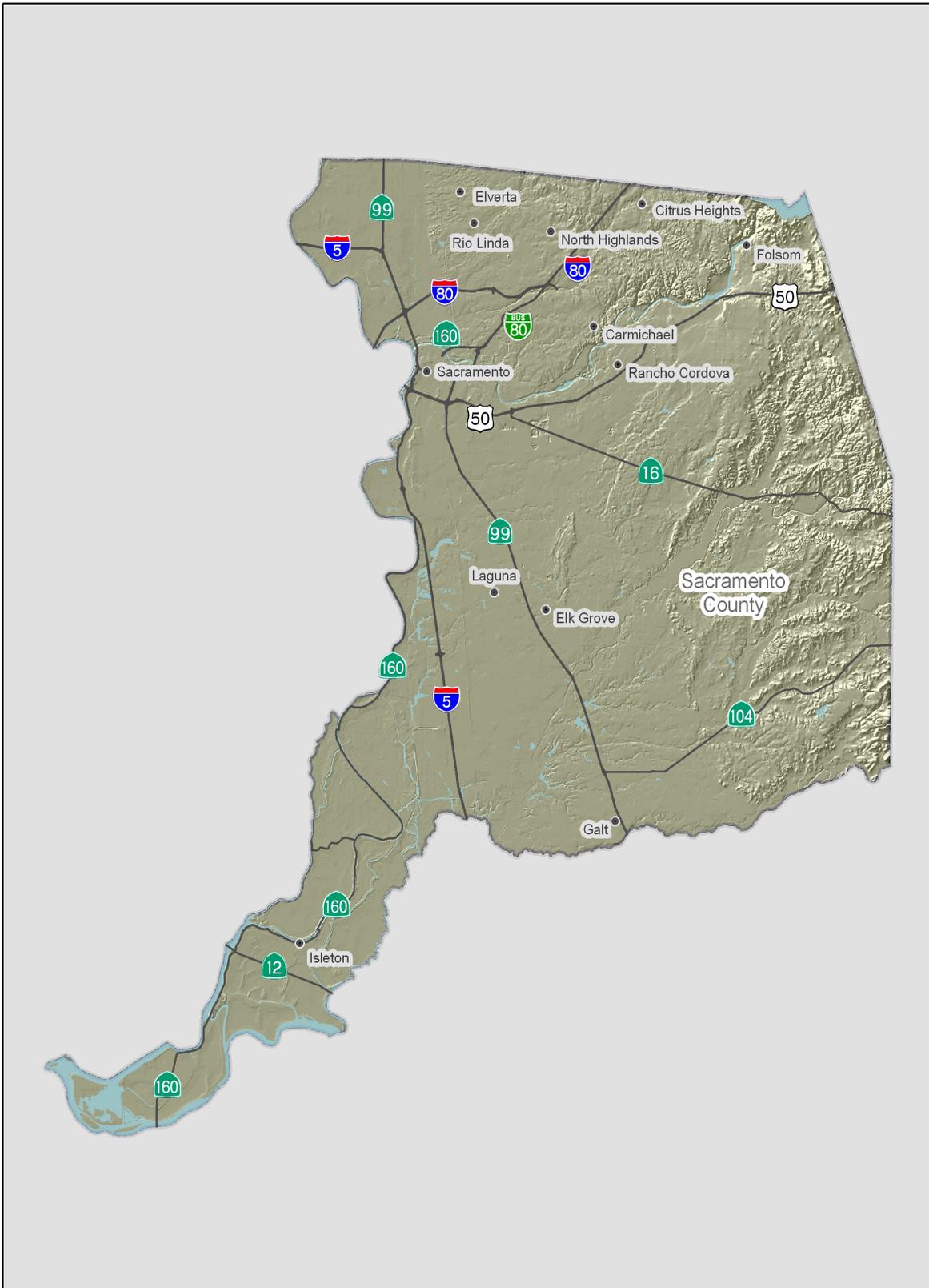
**PLACER COUNTY**

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
PLA	80	6.06	-	I-80/Rocklin Rd IC	From Rocklin Road onto both WB and EB I-80; construct a combination of loop/roundabout/flyover ramps to eliminate left-turn movements	Interchange Improvements	PCTPA	\$29,850	2020
PLA	80	8.13	-	I-80/Brace Road	Bridge modification to Caltrans standards.	Interchange Improvements	PCTPA	\$10,000	2025
PLA	80	8.72	-	I-80/Horseshoe Bar Road	Widen Horseshoe Bar Road overcrossing from 2 to 4-lanes and improve ramps.	Interchange Improvements	PCTPA	\$15,000	2020
PLA	80	9.53	-	I-80/King Rd	In Loomis, provide a transition auxiliary lane on I-80 from King Rd. to Horseshoe Bar interchange.	Operational Improvements	PCTPA	\$5,000	2025
PLA	80	R19.46	-	I-80/Auburn Ravine Road	Widen overcrossing from 2 to 4-lanes.	Interchange Improvements	PCTPA	\$29,000	2033
PLA	80	R 21.11	-	I-80/Bell Rd IC	Bell Rd interchange on I-80: Capacity and operational improvements.	Capacity Enhancements	CT	\$4,518	2020
PLA	80	33.13	-	I-80/SR 174	Interchange improvements: Improve connectivity and operations between SR 174 and I-80	Interchange Improvements	PCTPA	\$8,000	2035
PLA	80	33.13	37.78	I-80/Truck Climbing Lane	In and near Colfax, from SR 174 to Magra OH: widen eastbound roadway for truck climbing lanes.	Operational Improvements	PCTPA	\$31,600	2018
PLA	89	0	21.69	SR 89/Bike Lanes	Upgrade to Class II bike lanes from Squaw Valley to Truckee	Bike/Pedestrian Facilities	Placer Co Bike Plan	\$5,000	2020
PLA	89	7.5	9.4	SR 89 Realignment	SR 89 Realignment & Community Revitalization	Highway	TTD	\$65,000	2017

## PLACER COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
PLA	80	4.16	17.54	I-80/SR 65 to SR 49	Construct HOV lanes from SR 65 to SR 49.	HOV Lanes	PCTPA	\$200,000	2035
PLA	174	0.01	-	SR 174/ I-80 IC	Reconstruct SR 174/ I-80 Interchange	Interchange Improvements	CT	\$35,000	2035
PLA	174	0.07	-	SR 174/ South Auburn St	Signalize South Auburn St & Central Ave	Operational Improvements	PCTPA	\$729	2015
PLA	174	0.07	-	SR 174/ South Auburn St/Colfax	Intersection improvements, including signalization at So. Auburn St. in Colfax	Intersection Improvements	PCTPA	\$487	2015
PLA	174	0.07	-	SR 174/ South Auburn St/I-80	Intersection improvements including signalization at So. Auburn St. and WB I-80	Intersection Improvements	PCTPA	\$510	2015
PLA	193	0.64	3.04	SR 193/ Ferrari Ranch Rd	Widen to 4 lanes from Ferrari Ranch Rd to Sierra College Blvd	Capacity Enhancements	PCTPA	\$8,500	2019
PLA	267	0	3.76	SR 267/ Northstar Drive	Widen to 4 lanes from Nevada County Line to Northstar Drive	Capacity Enhancements	PCTPA	\$10,000	2025
PLA	267	6.32	6.68	SR 267/ Brockway Summit	Extend truck climbing/passing lane to Brockway Summit	Operational Improvements	CT	\$15,000	2020

## SACRAMENTO COUNTY MAP



## SACRAMENTO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	5	0.01	10.82	I-5/County Line to Elk Grove	Add HOV lanes San Joaquin County Line to Elk Grove	HOV Lanes	CT	\$18,000	2025
SAC	5	8.49	17.51	I-5/Hood - Franklin IC	Widen to 4 lanes from Bruceville Rd. to I-5/ Hood Franklin Rd., Modify I-5 / Hood Franklin IC; Construct UPPR OC	Interchange Improvements	CT	\$47,291	2016
SAC	5	10.82	25.33	I-5/Elk Grove Blvd to US 50	Construct Bus/Carpool lanes from 1.1 miles south of Elk Grove Boulevard to US 50 in Downtown Sacramento	HOV Lanes	SACOG	\$200,000	2030
SAC	5	14.8	-	I-5/Cosumnes River Blvd IC	Extend Cosumnes River Boulevard from Franklin to Freeport with an interchange at I-5.	Interchange Improvements	SACOG	\$97,109	2014
SAC	5	22.56	-	I-5/US 50/Riverfront IC	Interchange Reconstruction: Includes bus/carpool lane freeway to freeway connectors (PA&ED) Total Costs = \$200M	Interchange Improvements	SACOG	\$10,000	2030
SAC	5	22.8	23.25	I-5/Downtown Bridge	Construct bridge connection over I-5 between approximately Capitol Ave to "O" Street	Bridge Connection	SACOG	\$265,551	2016
SAC	5	23.5	29.9	I-5 HOV Lanes	Construct Bus/Carpool lanes from US 50 to I-80 (PA&ED) Total Costs = \$100M	HOV Lanes	SACOG	\$10,000	2025
SAC	5	24.64	25.33	I-5/American River Crossing	New Lower American River Crossing between Natomas and Downtown Sacramento tentatively on Truxel	River Crossing	SACOG	\$218,901	2019
SAC	5	24.66	-	I-5/Richards Blvd IC	Richards Blvd/ I-5: Reconstruct Interchange	Interchange Improvements	SACOG	\$41,535	2025
SAC	5	25.97	-	I-5/W. El Camino Ave	Expand the West El Camino interchange on I-80 from 2 to 4 lanes and modify ramps.	Interchange Improvements	SACOG	\$22,000	2020
SAC	5	26.72	-	I-5/I-80 Interchange	Interchange Reconstruction: Includes bus/carpool lane freeway to freeway connectors (Phase I) Total Costs = \$225M	Interchange Improvements	SACOG	\$100,000	2023
SAC	5	26.72	32.73	I-5/I-80 to Sac Airport	Construct Bus/Carpool lanes from I-80 to Sacramento International Airport (PA&ED) Total Costs = \$100M	HOV Lanes	SACOG	\$10,000	2020

## SACRAMENTO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	5	29.72	-	I-5/Elkhorn Blvd Truck Parking	Expand the capacity from 14 to 25 truck spaces and provide additional facilities	Truck Facilities	CT	\$8,976	2014
SAC	5	29.9	-	I-5/SR 99 IC	Reconstruct I-5/99 Interchange, including HOV connector ramps	Interchange Improvements	SACOG	\$10,000	2030
SAC	5	29.9	-	I-5/SR 99 IC Onramp	Interchange Reconstruction: Includes bus/carpool lane freeway to freeway connectors (PA&ED) Total Costs = \$200M	Interchange Improvements	SACOG	\$10,000	2015
SAC	5	30.94	-	I-5/Metro Air Pkwy IC	The County of Sacramento is planning to construct an interchange on I-5 at Metro Air Parkway, a new arterial that will serve the planned Metro Air Park development. The proposed interchange would be located about halfway between Airport Boulevard and SR 99 interchanges.	Interchange Improvements	SACOG	\$28,286	2014
SAC	5	32.74	34.65	I-5/SR 113	Construct HOV lanes from Sacramento Metropolitan Airport to SR 113 in Woodland. See Yolo County project list remainder of project	HOV Lanes	CT	\$100,000	2020
SAC	12	0	6.2	SR 12/Operational Improvements	Safety and operational improvements from Rio Vista to San Joaquin County Line. Coordinated with other improvements anticipated along the corridor and San Joaquin and Solano Counties (funded externally)	Operational Improvements	SACOG	\$10,000	2017
SAC	16	T1.95	4.16	SR 16/Jackson Hwy (Sunrise to Grant)	Widen to 4 lanes from Sunrise Blvd to Grant Line Rd.	Capacity Enhancements	CT	\$5,975	2016
SAC	16	4.16	R11.47	SR 16/Jackson Hwy (Power Inn to Watt)	Realign: 4 lane road from Power Inn Rd to South Watt Ave	Capacity Enhancements	CT	\$26,268	2019
SAC	16	4.16	8.34	SR 16/Jackson Hwy (Watt to Sunrise)	Widen to 4 lanes from South Watt Ave. to Sunrise Blvd (Add continuous left turn lane)	Capacity Enhancements	CT	\$195,332	2025
SAC	16	R11.47	R12.54	SR 16/Jackson Hwy (Watt to Excelsior)	Widen: 6 lanes from South Watt Ave to Excelsior Rd	Capacity Enhancements	CT	\$90,726	2033

## SACRAMENTO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	50	L0.61	-	US 50/ Riverfront IC	Interchange Reconstruction: Includes bus/carpool lane freeway to freeway connectors (PA&ED) Total Costs = \$200M	Interchange Improvements	SACOG	\$10,000	2030
SAC	50	L0.89	R5.33	US 50/ Downtown Sac to Watt HOV	Construct HOV lanes from downtown Sac to Watt Avenue	HOV Lanes	SACOG	\$90,000	2020
SAC	50	R0.00	R5.17	US 50/Fiber Optic	Install fiber optic from SR 51 to Watt Ave	TOS	CT	\$1,000	2020
SAC	50	R0.08	-	US 50/SR 99 Oak Park IC	SR 99/ US 50 IC Improvement (Oak Park IC) and HOV Connection (PA&ED) Total = \$200M	Interchange Improvements	SACOG	\$10,000	2030
SAC	50	R3.75	R3.91	US 50/ Howe Transition Lane	Transition Lane: NB, Howe Ave on-ramp to SB Howe Ave on-ramp	Transition Lanes	SACOG	\$3,000	2020
SAC	50	R5.33	-	US 50/Watt IC	Watt Ave. interchange on U.S. 50: (Reconstruct to L-9 partial cloverleaf configuration, install initial Bus Rapid Transit facility and bike and ped pathway)	Interchange Improvements	SACOG	\$48,611	2016
SAC	50	R5.33	12.49	US 50/Watt to Sunrise HOV	Construct HOV lanes from Watt Avenue to Sunrise Blvd	HOV Lanes	SACOG	\$105,000	2013
SAC	50	R7.74	R9.50	US 50/ Bradshaw to Mather Aux	Construct EB & WB auxiliary lanes between Bradshaw Road and Mather Field Road	Auxiliary Lanes	SACOG	\$3,000	2020
SAC	50	R7.75	-	US 50/Bradshaw IC	Interchange Modification at U.S. 50-Bradshaw Rd.	Interchange Improvements	CT	\$56,243	2030
SAC	50	R9.50	-	US 50/Mather IC	Mather Field Interchange	Interchange Improvements	CT	\$72,227	2030
SAC	50	R10.91	-	US 50/Zinfandel IC	Interchange Modification-Zinfandel Drive	Interchange Improvements	CT	\$40,000	2030
SAC	50	R10.91	12.49	US 50/ Zinfandel to Sunrise Aux	Auxiliary Lane: EB & WB from Zinfandel Drive to Sunrise Blvd	Auxiliary Lanes	SACOG	\$5,000	2025
SAC	50	12.38	12.77	US 50/Sunrise Transition Lane	Transition lane: WB from Sunrise Blvd slip off-ramp to Sunrise Blvd slip on-ramp	Transition Lanes	SACOG	\$3,000	2025

## SACRAMENTO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	50	12.49	15.75	US 50/Rancho Cordova Pkwy IC	Construct new interchange; including aux lanes on US 50 between Hazel Ave and Sunrise Blvd, and a 4-lane arterial connection to US 50 of Rancho Cordova Pkwy to White Rock Rd.	Interchange & Operational Improvements	CT	\$128,048	2017
SAC	50	12.49	-	US 50/Sunrise IC	Interchange Modification -Sunrise	Interchange Improvements	SACOG	\$24,764	2030
SAC	50	12.49	16.7	US 50/Sunrise to Folsom Aux	Construct EB auxiliary lane from Sunrise Blvd to east of Folsom.	Auxiliary Lanes	SACOG	\$3,000	2016
SAC	50	12.49	18.99	US 50/White Rock	White Rock Road: Expand to 4 lanes from Sunrise to Prairie City Road	Capacity Enhancements	CT	\$63,600	2011
SAC	50	12.5	15.7	Hazel Ave OC Improvements	Modify Hazel Avenue IC	Interchange Improvements	SACOG	\$50,000	2017
SAC	50	16.91	21.48	US 50/ E. Bidwell Transition Lanes	From east of Folsom Blvd to Scott/E. Bidwell Roads: Construct EB transition lane. From Sunrise Blvd to Scott/E. Bidwell Roads: Construct WB transition lane	Transition Lanes	SACOG	\$7,000	2025
SAC	50	19.8	-	US 50/Oak Ave Pkwy	New Interchange: Construct 4-lane interchange at US 50 and Oak Avenue Parkway	New Interchange	SACOG	\$50,500	2019
SAC	50	22.69	-	US 50/Empire Ranch IC	New Empire Ranch Rd. Interchange on U.S. 50: 4 lanes	Interchange Improvements	SACOG	\$38,852	2030
SAC	51	0	8.62	SR 51 TOS	Operational Improvements: traffic monitoring stations, closed circuit television, highway advisory radio, changeable message signs, and other system management infrastructure	TOS	SACOG	\$3,000	2020
SAC	51	0	8.62	SR 51 Bus/Car-pool Lanes	Bus/Carpool Lanes: SR 99/US 50 Interchange to I-80 (PA&ED) Total Costs = \$75M	HOV Lanes	SACOG	\$10,000	2025
SAC	51	2.31	-	SR 51 Bridge Widening	Bridge Widening: American River Bridge NB and SB, 4-lanes (PA&ED) Total Costs = \$50M	Capacity Enhancements	SACOG	\$5,000	2025

## SACRAMENTO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	51	4.13	-	SR 51/Arden Way	Widen Interchange: 6 lanes and make Arden Way undercrossing improvements	Interchange Improvements	CT	\$40,241	2030
SAC	51	TBD	-	US 51/Sutter's Landing Pkwy	New: 4 lane arterial on new alignment between SR 160 and US 51. Provide sidewalks and bike lanes in both directions and provide a grade separation with the railroad. Construct a full interchange at the connection with US 51.	New Interchange	CT	\$206,364	2030
SAC	80	M0.00	M10.10	I-80/Across the Top	Construct HOV lanes from RT Station (Longview) to the Sacramento River.	HOV Lanes	SACOG	\$74,500	2016
SAC	80	M1.35	-	I-80/W El Camino IC	West El Camino Interchange: Widen 4 lanes and modify ramps	Interchange Improvements	CT	\$33,133	2020
SAC	80	M2.10	-	I-80/West Canal OC	Over I-80, construct bike/pedestrian over-crossing at the West Canal	Bike/Pedestrian Facilities	CT	\$6,806	2011
SAC	80	M2.55	-	I-80/I-5 Interchange	Interchange Reconstruction: Includes bus/carpool lane freeway to freeway connectors (Phase I) Total Costs = \$225M	Interchange Improvements	SACOG	\$100,000	2023
SAC	80	M4.98	-	I-80/Northgate IC	Northgate Blvd IC: Extend existing I-80 WB off-ramp onto Northgate Blvd.; add auxiliary lane to WB on-ramp	Interchange Improvements	CT	\$15,060	2020
SAC	80	M8.89	-	I-80/UPRR-Roseville Road OC	Construct pedestrian and bicycle crossing over UPRR and Roseville Road	Bike/Pedestrian Facilities	CT	TBD	TBD
SAC	80	13.73	-	I-80/Foothill Golf Center OC	Construct pedestrian and bicycle crossing, Citrus Heights	Bike/Pedestrian Facilities	CT	TBD	TBD
SAC	80	14.54	-	I-80/Greenback OC	Construct pedestrian and bicycle crossing between Greenback Lane and Antelope Boulevard	Bike/Pedestrian Facilities	CT	TBD	TBD
SAC	99	0.3	-	SR 99/Crystal IC	In Galt: SR 99 at Crystal Way; Widen SR 99 on/off ramps at Crystal Way to improve hook ramps.	Interchange Improvements	CT	\$643	2015

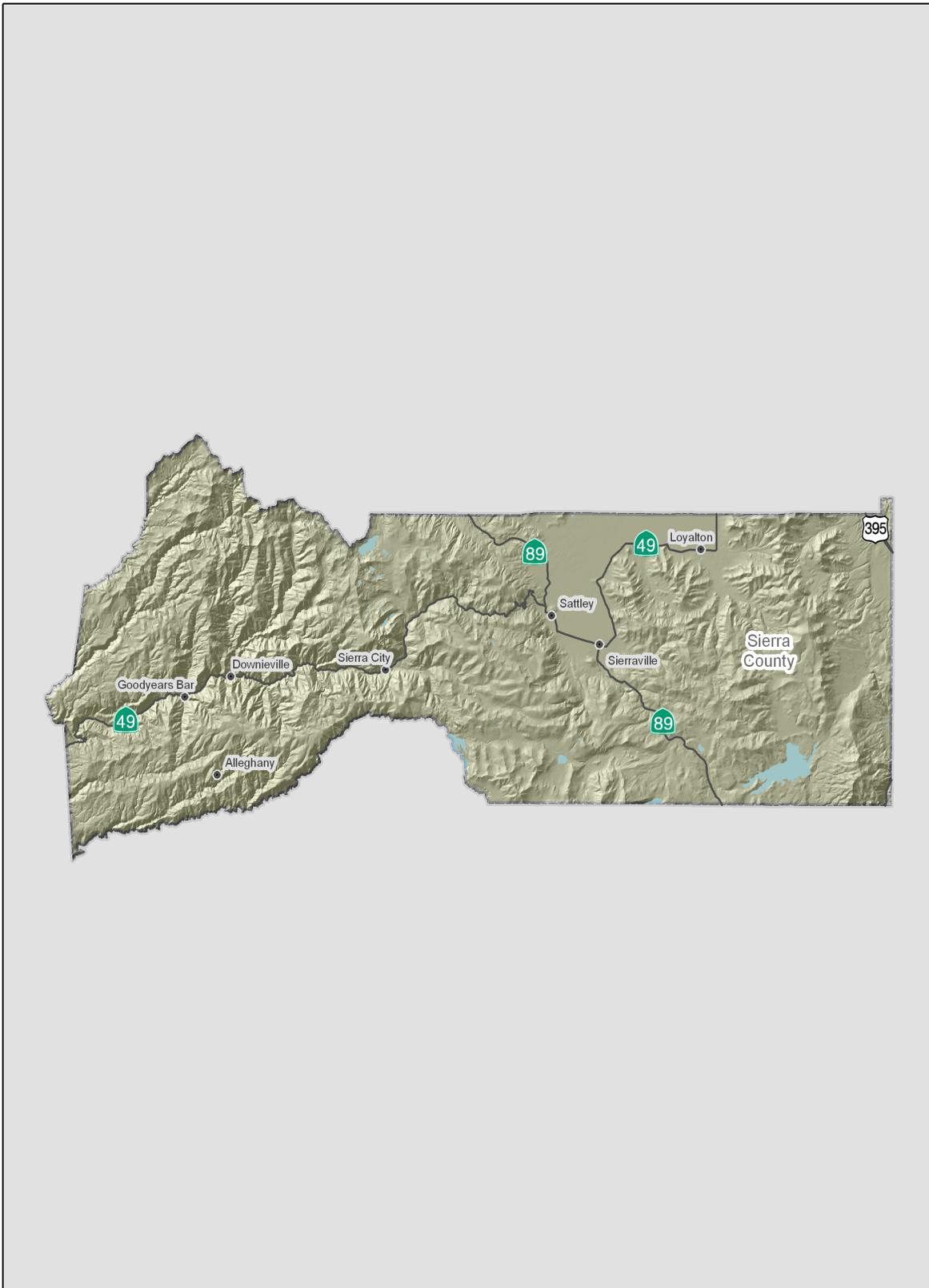
## SACRAMENTO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	99	0.79	-	SR 99/Central Galt IC	In Galt: A & C Streets, Boessow Road at SR 99; Replace existing C Street interchange at SR 99 with new 6 lane overcrossings (4 through lanes and left-turn channelization) at C Street and A Street. Reconstruct all on/off ramps. Realign connector streets.	Interchange Improvements	SACOG	\$50,641	2013
SAC	99	2.7	-	SR 99/Walnut IC	Walnut Ave. interchange on Highway 99 (Includes overcrossing)	New Interchange	CT	\$88,147	2035
SAC	99	3.52	-	SR 99/Twin Cities IC	Twin Cities Rd. Interchange on SR 99: widen 4 lanes (Add bicycle lanes)	Interchange Improvements	CT	\$84,504	2023
SAC	99	12.76	-	SR 99/Elk Grove Blvd IC	In Elk Grove, at SR 99 and Elk Grove Blvd: Add northbound loop on-ramp to SR 99, remove traffic signal at existing northbound on-ramp, and add second westbound left turn lane to existing southbound on-ramp.	Interchange Improvements	SACOG	\$9,322	2013
SAC	99	16.25	17.65	SR 99/Calvine to Mack	In Sacramento County in the area from Calvine Road to just north of Mack Road - Construct and implement operational improvements, including lane extensions.	Operational Improvements	SACOG	\$7,446	2012
SAC	99	R24.35	-	SR 99/US 50 Oak Park IC	SR 99/ US 50 IC Improvement (Oak Park IC) and HOV Connection (PA&ED) Total = \$200M	Interchange Improvements	SACOG	\$10,000	2030
SAC	99	R32.12	33.36	SR 99/HOV I-5 to Elkhorn	New: bus/carpool lanes from I-5 to Elkhorn Blvd	HOV	CT	\$69,940	2021
SAC	99	33.36	-	SR 99/Elkhorn IC	Expand the Elkhorn Blvd. interchange on Route 99 to accommodate the widening of Elkhorn Blvd. from 2 to 6 lanes	Interchange Improvements	SACOG	\$11,909	2021

## SACRAMENTO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	99	35.36	-	SR 99/Elverta Rd IC	State Route 99 and Elverta Road, construct new interchange with new traffic signals and ramp metering. Bridge structure to accommodate 10 lanes. Structure to accommodate sidewalks and bike lanes on each side.	Interchange Improvements	SACOG	\$34,200	2013
SAC	99	VAR	VAR	SR 99/IC Improvements	Interchange improvements: Mack Road, Florin Road, 47th Avenue, and 12th Avenue	Interchange Improvements	SACOG	\$40,000	2020
SAC	99	VAR	VAR	SR 99/CCTV	Install CCTV cameras in outlying areas	TOS	CT	\$1,200	2020
SAC	160	46.33	-	SR 160/Exposition	Construct split-diamond interchange at Exposition Blvd	Interchange Improvements	CT	\$58,000	2023
SAC	160	46.58	-	SR 160/SR 51	New four-lane arterial on new alignment between SR 160 and SR 51. Construct full interchange at connection with SR 51	Interchange Improvements	CT	\$206,000	2035
SAC	160	VAR	VAR	SR 160/Ramp Metering	Install ramp meters at Canterbury Road, Royal Oaks Drive, Tribute Road, and Arden Way (EB & WB)	TOS	CT	TBD	TBD
SAC	-	-	-	South Sacramento Light Rail Project	Extend light rail from the Meadowview Station south to Cosumnes River College	Transit	Sac RT	\$262,856	2011
SAC	-	-	-	Downtown-Natomas Rail Extension	Extend light rail via a single track from Downtown Sacramento to Richards Boulevard	Transit	Sac RT	\$45,689	2012
SAC	-	-	-	Downtown-Natomas-Airport Rail Extension	Extend light rail from Richards Boulevard to Natomas Town Center	Transit	Sac RT	\$847,329	2017
SAC	-	-	-	Downtown-Natomas-Airport Rail Extension	Extend light rail from Natomas Town Center to Sacramento International Airport	Transit	Sac RT	\$555,356	2020

# SIERRA COUNTY MAP



## SIERRA COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SIE	49	29.19	-	SR 49/ Sierra City	Add 4' shoulder near Sierra City	Operational Improvements	CT	\$2,500	2017
SIE	49	47.74	-	SR 49/SR 89	Reconstruct SR 89 N, widen approach .25 miles on SR 89 N	Operational Improvements	CT	\$1,500	2017
SIE	80	0	1.59	I-80/ITS	Install TOS from Sierra County to State line	Intelligent Transportation System	CT	\$5,000	2017
SIE	89	0	13.99	SR 89/Deer fencing	Various locations between Nevada County Line and Old Truckee Rd, construct deer fencing and undercrossing	Operational Improvements	SCTC	TBD	2025
SIE	89	0	19.95	SR 89/ Sierraville	Construct south-bound passing lanes at 3 locations between Sierraville and Nevada County Line	Operational Improvements	SCTC	\$2,200	2025
SIE	89	10.66	14	SR 89/ Cottonwood Rd	Widen shoulder and turnouts from Cottonwood Rd to 1.2 miles north of Old Truckee Rd	Capacity Enhancements	SCTC	\$750	2025
SIE	89	15.05	-	SR 89/SR 49	Install left turn lane at SR 89/ SR 49 intersection - Sattley	Intersection Improvements	SCTC	\$500	2025

## SUTTER COUNTY MAP



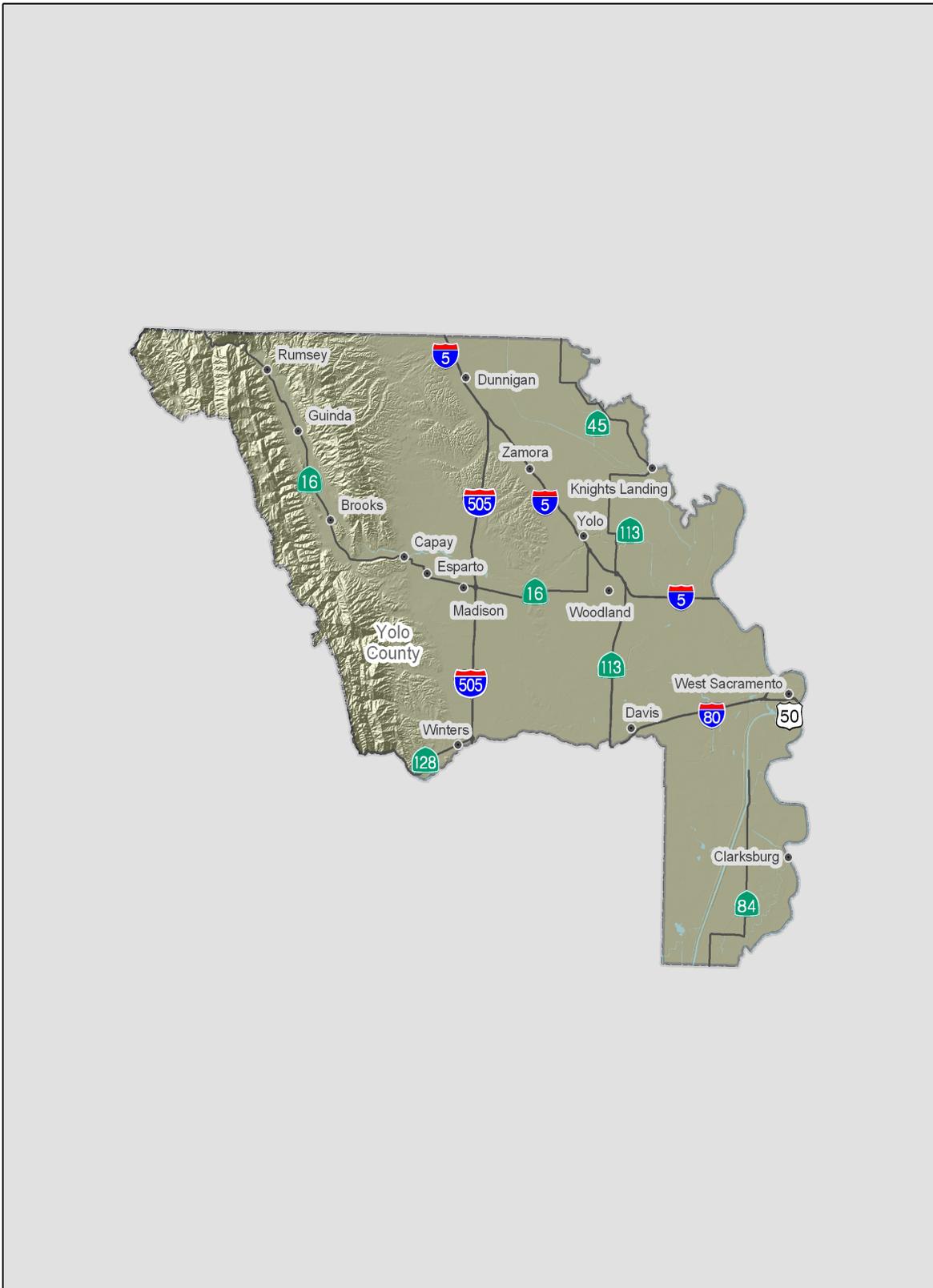
## SUTTER COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SUT	20	TBD	TBD	SR 20/Feather River Bridge	Widen: 10th Street Bridge to 6 lanes (PMs reflect Sutter Co. portion of the project- See Yuba Co. PMs for remainder)	Capacity Enhancements	SACOG	\$60,000	2035
SUT	20	13.13	-	SR 20/Western Parkway	Construct Western Parkway intersection	Intersection Improvements	SACOG	\$3,700	2012
SUT	20	R15.06	15.72	SR 20/Rocca Way	Widen to six lanes from Walton Road to Rocca Way	Capacity Enhancements	SACOG	\$2,000	2015
SUT	20	R15.09	15.57	SR 20/Stabler lane	Widen: 6 lanes from SR 20/ Stabler Lane to SR 99 Junction	Capacity Enhancements	CT	\$11,252	2015
SUT	99	0	R8.07	SR 99/I-5 to SR 70	Add HOV lanes from Interstate 5 to SR 70 (PA&ED) Total Costs = \$70M	HOV Lanes	SACOG	\$10,000	2021
SUT	99	0.95	-	SR 99/Riego Rd IC	Construct Type L-9 partial cloverleaf interchange with 8-lane overcrossing structure	Interchange Improvements	SACOG	\$33,020	2015
SUT	99	5.02	8.08	SR 99/Riego Rd to Sankey Rd IC	New interchange between Riego Rd. and Sankey Rd.	Interchange Improvements	CT	\$46,853	2031
SUT	99	11.98	13.67	SR 99/Garden Hwy to Sac Ave	Widen SR 99 to 4 lanes from Garden Highway to Sacramento Avenue (Includes: median, left turn lane, and new Feather River Bridge)	Capacity Enhancements	SACOG	\$50,486	2014
SUT	99	20.99	-	SR 99/SR 113 IC	Construct interchange at SR 113	Interchange Improvement	SACOG	\$19,350	2015

## SUTTER COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
SUT	99	27.65	T30.62	Bogue Road to SR 20	Widen to 6 lanes	Capacity Enhancements	CT	\$57,189	2026
SUT	99	27.65	R32.63	SR 99/Bogue to Pease	Operational improvements: Bogue Road to Pease Road	Operational Improvements	SACOG	\$3,000	2015
SUT	99	27.65	42.38	SR 99/Yuba City & Live Oak Bypass	Construct Bypass from Bogue Road in Yuba City to the Sutter County line north of Live Oak.	Capacity Enhancements	CT	TBD	TBD
SUT	99	T30.62	-	SR 99/SR 20 IC	Construct urban interchange SR20/99	Interchange Improvements	CT	\$50,000	2037
SUT	99	T30.62	-	SR 99/SR 20 IC ROW	Acquire right of way for urban interchange at SR 20 & SR 99	Interchange Improvement	SACOG	\$25,000	2025
SUT	99	R32.64	-	SR 99/Pease Rd	New Pease Rd interchange on SR 99: 4 lanes with overcrossing and connecting ramps at SR 99	Interchange Improvement	CT	\$92,839	2022
SUT	99	R33.99	42.38	SR 99/Passing Lanes	Construct passing lanes from Yuba City to Butte County Line	Passing Lanes	SACOG	\$20,000	2020
SUT	99	T36.03	-	SR 99/Lomo Crossing R/W	Secure right of way for future grade separation and/or interchange project at Lomo Crossing	Operational Improvements	SACOG	\$10,000	2020

## YOLO COUNTY MAP



## YOLO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
YOL	5	0.02	R7.08	I-5/Sac Metro Airport/SR 113	Construct HOV lanes from Sacramento International Airport to SR 113 in Woodland	HOV Lanes	CT	\$300,000	2020
YOL	5	5.52	-	I-5/CR 102 IC	Phase 2 of interchange reconstruction	Interchange Improvements	SACOG	\$10,542	2020
YOL	5	R6.40	R6.80	I-5/SR 113 Phase 2	Phase 2: Construct NB I-5 to SB SR 113 freeway to freeway connection	Freeway to Freeway Connector	SACOG	\$68,011	2018
YOL	5	R7.08	-	I-5/SR 113 Phase 3	Phase 3: Construct NB SR 113 to SB I-5 freeway to freeway connection	Freeway to Freeway Connector	CT	\$66,374	2032
YOL	128	9.83	-	SR 128/Signal Improvements	Traffic signal, road widening, lighting, removal of SB I-505 southbound free right-turn lane onto SR 128	Interchange Improvements	Winters	\$870,000	2012
YOL	128	8.10	8.77	SR 128/ Complete Streets/ Railroad Ave to E. Main St	Two travel lanes with Class I and II bicycle facilities, pedestrian facilities, and roundabouts at Dutton St, Morgan St, and Walnut Ln	Bike/ Pedestrian Facilities	Winters	\$4,000,000	2020
YOL	128	8.77	9.83	SR 128/ Complete Streets/ E. Main St to I-505	Two travel lanes with Class I and II bicycle facilities, pedestrian facilities, and signalization at E. Main St & Timber Crest Road	Bike/ Pedestrian Facilities	Winters	\$5,000,000	2025
YOL	50	0	3.15	US 50/I-80/ Enterprise Blvd	Construct HOV lanes from Enterprise Blvd to Downtown Sacramento (Project crosses Yolo & Sacramento County lines)	HOV Lanes	CT	\$100,000	2020

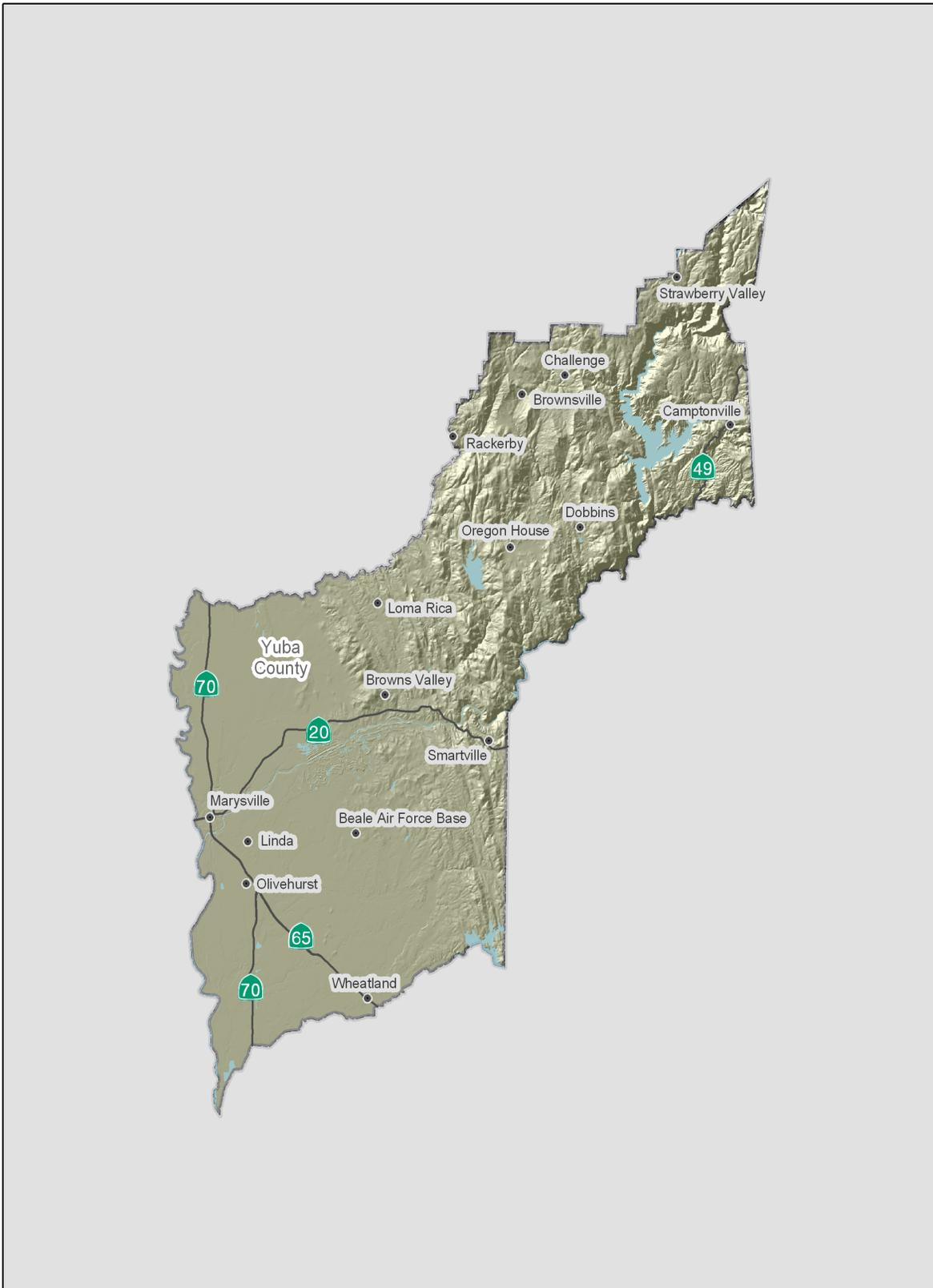
## YOLO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
YOL	50	1.2	-	US 50/Harbor Blvd	Reconstruct Harbor Blvd IC, widen to six lanes, revise ramps and add aux lanes	Interchange Improvements	SACOG	\$37,887	2012
YOL	50	2.49	-	US 50/Jefferson Blvd IC	Jefferson Blvd IC at US 50: widen 2 lane ramps with signals at Jefferson Blvd; add ramp metering and turn lanes	Interchange Improvements	CT	\$34,030	2015
YOL	50	2.88	-	US 50/S River Rd	Install ramp meters and modify ramp design at South River Road IC	Interchange Improvements	CT	\$13,715	2015
YOL	80	0.23	-	I-80/Richards Blvd IC	Richards Blvd IC: reconstruct the north side to remove the loop on and off ramps and replace with new ramp in diamond configuration. Includes traffic signal installation.	Interchange Improvements	CT	\$12,866	2015
YOL	80	0	2.67	I-80/Mace Blvd	Add HOV lanes Solano/Yolo Co. Line to Mace Blvd	HOV Lanes	CT	\$100,000	2035
YOL	80	2.67	9.17	I-80/W Sacramento	Bus/Carpool lanes from Mace Blvd (in Davis) to Downtown Sacramento (PA&ED) Total Costs = \$100M	HOV Lanes	SACOG	\$10,000	2035
YOL	80	5.81	7.25	I-80/Yolo Causeway	Construct bicycle bridge	Bike/Pedestrian Facilities	CT	\$1,000	2015
YOL	80	9.17	-	I-80/Enterprise Blvd IC	Construct I-80 EB on-ramp at Enterprise Blvd	Interchange Improvements	CT	\$5,619	2012

## YOLO COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
YOL	80	R11.22	-	I-80/Reed Ave	Reed Ave IC on I-80: widen Reed Ave, widen ramps at the intersection, limit some local street access, add ramp metering to the on-ramps	Interchange Improvements	CT	\$15,889	2015
YOL	113	R2.08	-	SR 113/Covell Blvd	Covell Blvd IC: widen (including the overcrossing structure) to install adequate turn lanes for access-egress to SR 113.	Interchange Improvements	CT	\$22,591	2020
YOL	113	R10.07	-	SR 113 Re-alignment	SR 113 Realignment - County Road 102/I-5 (Yolo Co. has projects to widen 102 to 4 lanes)	Realignment	CT	\$75,000	2035

# YUBA COUNTY MAP



## YUBA COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
YUB	20	R7.89	-	SR 20/ Loma Rica Rd	New traffic signal at SR 20 and Loma Rica Rd	Intersection Improvements	CT	\$386	2015
YUB	20	R7.89	9.39	SR 20/ Loma Rica	Construct EB and WB passing lanes from Loma Rica to Kibbe	Operational Improvements	SACOG	\$2,500	2017
YUB	20	13.27	16.98	SR 20/ Marysville Rd	Roadway Safety Improvements: Marysville Road to Sicard Flat Rd. Includes: standard shoulders, vertical and horizontal curve improvements, and EB and WB left-turn lanes	Operational Improvements	SACOG	\$5,500	2017
YUB	20	R17.41	21.3	SR 20/ Parks Bar	Roadway Safety Improvements: Parks Bar Road to Hammonton-Smartville Road. Includes: standard shoulders, vertical and horizontal curve improvements, and EB and WB left-turn lanes	Operational Improvements	SACOG	\$6,500	2017
YUB	65	R 0.00	4.1	SR 65/ Wheatland Realignment	Construct a new 4 lane expressway from the future north end of SR 65 Lincoln Realignment to the existing SR 65, near South Beale Road, with access control	Realignment	CT	\$264,439	2025
YUB	65	4.09	-	SR 65/ S. Beale Rd	Construct new on/off ramps at S Beale Rd and SR 65 Interchange	Interchange Improvements	CT	\$41,576	2021
YUB	65	R6.88	-	SR 65/Forty Mile Rd	New interchange at Forty Mile Rd and SR 65	Interchange Improvements	CT	\$92,943	2016
YUB	65	R7.81	R8.24	SR 65/ McGowan Pkwy	On-ramp Signalization: Install new traffic signal at McGowan Pkwy/ SR 65 on-ramp	Interchange Improvements	CT	\$460	2018

## YUBA COUNTY

County	Rte	Post Mile Begin	Post Mile End	Project Name	Project Description	Type of Project	Agency Source	Estimated Total Cost (1,000s)	Proposed Completion Year
YUB	65	R9.16	-	SR 65/ Yuba River Parkway	Construct new interchange on Yuba River Parkway at SR 65/ SR 70 connection	Interchange Improvements	CT	\$112,745	2024
YUB	70	VAR	VAR	SR 70 & SR 20 Adaptive Signals	Install adaptive signals along SR 70 and SR 20 at various locations in Yuba and Sutter counties	Operational Improvements	CT	\$3,164	2014
YUB	70	R4.34	R7.30	SR 70/Plumas Lake IC	Plumas Lake Interchange on SR 70: 4 lanes from Plumas Lake Blvd to Plumas Arboga Rd (includes a structure over the RR tracks) (Phase 2)	Interchange Improvements	CT	\$57,501	2031
YUB	70	R8.02	-	SR 70/ McGowan Parkway	Widen overcrossing at McGowan Parkway, install new signal	Interchange Improvements	CT	\$9,231	2032
YUB	70	13.6	14.7	SR 70/ Feather River Expressway	New Expressway: construct a two-lane expressway on a new alignment between SR 70 and SR 20 (Phase 1) Total Costs = \$300M	Capacity Enhancements	SACOG	\$75,000	2015
YUB	70	16.22	25.82	SR 70/ Marysville to Oroville	Passing lanes: Marysville to Butte County Line	Passing Lanes	SACOG	TBD	2020

**INTERSTATE 5  
TRAFFIC OPERATIONAL SYSTEM IMPROVEMENTS**

County	Route	Post Mile From	Post Mile To	Location	Project Description	Project Type	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	5	16.1	26.7	Pocket Road to I-80	Install fiber optics	TOS	\$2,000	2020
SAC	5	16.14	17.18	Florin Road to Pocket Road	Construct auxiliary lanes	Auxiliary Lanes	\$3,000	2020
SAC	5	20.53	22.56	Highway 50 to Sutterville Road	Construct SB auxiliary lane	Auxiliary Lanes	\$3,000	2020
SAC	5	22.87	22.97	Highway 50 to P St.	Extend NB #2 lane connector ramp	Auxiliary Lanes	\$3,000	2025
SAC	5	25.36	25.52	Garden Hwy.	Construct SB transition lane between Garden Hwy off & on ramps	Transition Lanes	\$2,000	2015
SAC	5	29.02	30.45	Del Paso	Extend SB acceleration/merge lane from SB SR 99 connector ramp through the Del Paso Interchange	Operational Improvements	\$2,824	2015
SAC	5	30.22	32.75	I-5/SR 99 to Airport Blvd.	Construct NB aux lane from SR 99 connector-ramp to Airport Blvd.	Auxiliary Lanes	\$1,000	2015
SAC	5	32.24	32.54	Airport Blvd.	Construct deceleration lane from NB I-5 off-ramp	Operational Improvements	\$2,000	2020
SAC	5	VAR	VAR	VAR	Upgrade ramp meters and traffic monitoring system	Ramp Meters*	\$1,700	2015
SAC	5	VAR	VAR	VAR	Upgrade CCTV camera system	TOS	\$1,400	2016
SAC	5	VAR	VAR	VAR	Install travel time infrastructure / CMS	TOS	\$1,800	2020

\* Information on existing, pending, and planned ramp meters can be found at:  
[http://onramp/hq/traffops/otrafopr/branch/ramp\\_metering/ramp\\_meters/](http://onramp/hq/traffops/otrafopr/branch/ramp_metering/ramp_meters/)

**STATE ROUTE 49  
TRAFFIC OPERATIONAL SYSTEM IMPROVEMENTS**

County	Route	Post Mile	Location	Project Description	Project Type	Estimated Total Cost (1,000s)	Proposed Completion Year
PLA	49	3.3	Garfield St	Install Blue Tooth Readers (BTR) and TMS	BTR/TMS	TBD	2025
PLA	49	3.74	Fulweiler/Elm Ave	Install CCTV	CCTV	TBD	2025
PLA	49	4.5	Palm Ave	Install TMS	TMS	TBD	2025
PLA	49	5.21	Luther Rd	Install CCTV and TMS	CCTV/TMS	TBD	2025
PLA	49	6.38	Bell Rd	Install CCTV	CCTV	TBD	2025
PLA	49	7.43	Dry Creek Rd	Install BTR/CCTV/TMS	BTR/TMS/CCTV	TBD	2025
PLA	49	8.97	Lorenson Rd	Install TMS	TMS	TBD	2025
NEV	49	1.8	Streeter Rd	Install BTR and TMS	BTR/TMS	TBD	2025
NEV	49	2.19	Wolf/Combie Rd	Install CCTV	CCTV	TBD	2025
NEV	49	3.4	Running M Dr	Install TMS	TMS	TBD	2025
NEV	49	7.2	Lime Kiln Rd	Install BTR and TMS	BTR/TMS	TBD	2025
NEV	49	9	Alta Sierra Dr	Install TMS	TMS	TBD	2025
NEV	49	10	Timberland Dr	Install CMS	CMS	TBD	2025
NEV	49	R13.66	McKnight Way	Install BTR, CCTV and TMS	BTR/CCTV/TMS	TBD	2025
NEV	49	14	South of SR 49/20	Install CMS	CMS	TBD	2025
NEV	49	15.06	SR 49/20	Install CCTV and TMS	CCTV/TMS	TBD	2025
NEV	49	R12.7	South Auburn St SR 20/49 NB	Install traffic signal	Signal	\$857	TBD
NEV	49	R13.24	Bennett St/SR 20/49 NB	Install traffic signal and ADA compliant ramps	Signal	\$636	TBD
NEV	49	R13.27	Bennett St/SR 20/49 SB	Install traffic signal and ADA compliant ramps	Signal	\$697	TBD
NEV	49	R13.6	SR20/49 NB ramps Idaho/Maryland Rd	Install coordinated signals at ramps and Railroad Ave	Signal	\$1,144	TBD
NEV	49	R14.6	SR 20/49 SB ramps Brunswick Rd	Improve operations of the intersection and EB Brunswick Rd access to SB on-ramp	Ramp	\$892	TBD
NEV	49	R13.24	Bennett St/SR 20/49 NB	Install traffic signal and ADA compliant ramps	Signal	\$636	TBD

**UNITED STATES 50  
TRAFFIC OPERATIONAL SYSTEM IMPROVEMENTS**

County	Route	Post Mile From	Post Mile To	Location	Project Description	Type of Project	Estimated Total Cost (1,000s)	Proposed Completion Year
ED	50	4.96		US 50 - Cambridge Road	Phase 1 - Widening existing ramps, new westbound onramp; reconstruction of local intersection and installation of traffic signals at ramp terminals	Ramps	\$10,650	2015
ED	50	4.96	6.57	US 50- Cambridge Road	Phase 2 - Bridge widening to add 2 lanes, widen ramps, construct auxiliary lane lanes eastbound between Cambridge Rd and Cameron Park Dr; westbound auxiliary lane lanes between Cameron Park Dr and Bass Lake Rd ICs	Auxiliary Lane	\$15,500	2025
ED	50	4.96	R8.76	US 50 - Cambridge Rd & Ponderosa Rd	Construct auxiliary lanes EB & WB between Cambridge Rd and Ponderosa Rd Interchanges	Auxiliary Lane	\$15,500	2025
ED	50	16.52	16.99	US 50 - Western Placerville IC - Phase 1A	Construct auxiliary lane to Placerville Drive and local road and bike/ped improvements on Forni Road	Auxiliary Lane	\$25,000	2014
ED	50	16.52	16.99	US 50 - Western Placerville IC - Phase 1B	Interchange at Ray Lawyer Drive, improved operations at the Placerville Drive/Forni Road IC, and widening of Forni Road/Placerville Drive/US 50 overcrossing		\$34,800	2020
ED	50	20	26	US 50 - Camino Corridor Safety Improvements	Construct an undercrossing, median barrier, modify local road connections and/or associated operational improvements on and adjacent to Highway 50	Operational Improvements	\$33,900	2019
ED	50	R14.40	R15.8	US 50 - Missouri Flat Rd	Phase 1b - Reconfiguration of interchange to 4-lane tight diamond, construction of auxiliary lane lanes between the interchange and Forni Rd.	Auxiliary Lane	\$36,053	2012
ED	50	VAR	VAR	VAR	Upgrade ramp meters and traffic monitoring system	Ramp Meters*	\$1,700	2015

\* Information on existing, pending, and planned ramp meters can be found at:  
[http://onramp/hq/traffops/otrafopr/branch/ramp\\_metering/ramp\\_meters/](http://onramp/hq/traffops/otrafopr/branch/ramp_metering/ramp_meters/)

**STATE ROUTE 51  
TRAFFIC OPERATIONAL SYSTEM IMPROVEMENTS**

County	Route	Post Mile Begin	Post Mile End	Location	Project Description	Type of Project	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	51	1.4	2.6	NB E St to the American River Bridge	Add transition lane	Transition Lanes	\$3,000	2020
SAC	51	1.4	3.1	SB Exposition Blvd to E St	Add transition lane	Transition Lanes	\$3,000	2025
SAC	51	2.6	3.1	NB American River Bridge to Exposition Blvd	Add transition lane	Transition Lanes	\$3,000	2025
SAC	51	3	3.2	SB between the Exposition Blvd ramps	Add auxiliary lane	Auxiliary Lanes	\$2,000	2020
SAC	51	3.1	3.7	NB Exposition Blvd to SR 160	Add transition lane	Transition Lanes	\$3,000	2025
SAC	51	3.4		SR 51 /Exposition Blvd IC	Add NB on-ramps	Ramps	\$24,829	2023
SAC	51	5.5	8.7	N/SB from Marconi to Watt Ave	Add transition lane	Transition Lanes	\$3,000	2025
SAC	51	VAR	VAR	VAR	Upgrade ramp meters	Ramp Meters*	TBD	TBD

\* Information on existing, pending, and planned ramp meters can be found at: [http://onramp/hq/traffops/otrafopr/branch/ramp\\_metering/ramp\\_meters/](http://onramp/hq/traffops/otrafopr/branch/ramp_metering/ramp_meters/)

**STATE ROUTE 65  
TRAFFIC OPERATIONAL SYSTEM IMPROVEMENTS**

County	Route	Post Mile	Post Mile	Location	Project Description	Project Type	Estimated Total Cost (1,000s)	Proposed Completion Year
PLA	65	R5.7	R6.2	SR 65/Ramp Meters	Install ramp meters SB at Galleria Blvd and NB at Stanford Ranch Rd	Ramp Meters*	\$5,000	TBD
PLA	65	R6.8		SR 65/Pleasant Grove Blvd	Add a ramp meter at the loop on-ramp			
PLA	65	R11.9	T12.8	SR 65/Twelve Bridges to Industrial Ave	Construct auxiliary lanes and add ramp meter at the loop on-ramp to SB SR 65.	Auxiliary Lanes	TBD	TBD
YUB	65	R7.8	R8.2	SR 65 /McGowan Parkway on-ramp	Install new traffic signal	Signalization	\$460	2008

\* Information on existing, pending, and planned ramp meters can be found at: [http://onramp/hq/traffops/otrafopr/branch/ramp\\_metering/ramp\\_meters/](http://onramp/hq/traffops/otrafopr/branch/ramp_metering/ramp_meters/)

**INTERSTATE 80  
TRAFFIC OPERATIONAL SYSTEM IMPROVEMENTS**

County	Route	Post Mile Begin	Post Mile End	Location	Project Description	Type of Project	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	80	M1.4	M8.6	West El Camino IC to Pinell	Install ramp meters	Ramp Meters*	\$8,000	2015
SAC	80	M1.4		I 80/W El Camino IC	Widen to 4 lanes and modify ramps, and add ramp meters to on-ramps	Ramps	\$33,133	2020
SAC	80	M5.0		I 80 / Northgate IC	Extend existing I 80 WB off-ramp onto Northgate Blvd and add auxiliary lane to WB on-ramp and ramp meter	Auxiliary Lanes	\$15,060	2020
SAC	80	M5.0	M6.1	I 80 / Northgate to Northwood	Construct auxiliary lanes	Auxiliary Lanes	\$9,000	2015
SAC	80	R11.0	17.9	SR 51 to Placer County line	Install fiber optic and connect existing ITS elements (CCTV, RMS, TMS, etc) to allow for faster communication data rates and reduced operational costs.	Intelligent Transportation Systems	\$1,400	TBD
SAC	80	16		I 80 / Antelope Truck Scale	Widen off-ramp & Weigh in Motion	Intelligent Transportation Systems	\$2,800	2017
SAC	80	VAR	VAR	Along I 80 corridor in Sacramento County	Install HAR	Intelligent Transportation Systems	\$1,400	2018
YOL	80	VAR	VAR	I-80 / RWIS	Roadway Weather Information System (RWIS) Upgrade	TOS	\$1,000	2017

\* Information on existing, pending, and planned ramp meters can be found at: [http://onramp/hq/traffops/otrafopr/branch/ramp\\_metering/ramp\\_meters/](http://onramp/hq/traffops/otrafopr/branch/ramp_metering/ramp_meters/)

**STATE ROUTE 99  
TRAFFIC OPERATIONAL SYSTEM IMPROVEMENTS**

County	Route	Post Mile From	Post Mile To	Location	Project Description	Type of Project	Estimated Total Cost (1,000s)	Proposed Completion Year
BUT	99	29.4	-	Southgate Ave	Install CCTV	CCTV	\$109	TBD
BUT	99	R30.8	-	Skyway Ave	Install CCTV	CCTV	\$109	TBD
BUT	99	R31.7	-	East 20 <sup>th</sup> St	Install south/northbound (S/NB) ramp meters and CCTV	Ramp Meter* / CCTV	\$1,045	TBD
BUT	99	R32.3	R32.5	SR 99/32	Install S/NB ramp meters and CCTV	Ramp Meter* / CCTV	\$1,045	TBD
BUT	99	R33.2	-	East 1 <sup>st</sup> Ave	Install S/NB ramp meters and CCTV	Ramp Meter* / CCTV	\$1,045	TBD
BUT	99	R34.3	-	Cohasset Rd	Install S/NB ramp meters and CCTV	Ramp Meter* / CCTV	\$1,045	TBD
BUT	99	R34.8	-	East Ave	Install S/NB ramp meters and CCTV	Ramp Meter* / CCTV	\$1,045	TBD
BUT	99	R35.5	-	Posada Way	Install TMS	TMS	\$94	TBD
BUT	99	R36.3	R36.5	Eaton Rd	Install S/NB ramp meters, SB CMS, and CCTV	Ramp Meter* / CCTV / CMS	\$1,396	TBD
BUT	99	R36.9	-	Sycamore Way	Install TMS	TMS	\$94	TBD
BUT	99	R32.4	R33.3	SR 99 East 1 <sup>st</sup> Ave to the SR 32 IC	Phases II and III: Widen East 1 <sup>st</sup> Ave NB off-ramp from 2 to 3 lanes constructed a retaining wall and signalized the intersection.	Auxiliary Lane	\$48,356	2015
BUT	99	R33.29	34.24	SR 99/Cohasset Rd to East Ave	Construct 1 auxiliary lane in each direction connecting ramp to ramp.	Auxiliary Lane	\$16,100	2025
BUT	99	R30.60	31.49	SR 99/Skyway to East 20 <sup>th</sup> St	Construct 1 auxiliary lane in each direction connecting ramp to ramp.	Auxiliary Lane	\$15,250	2025
BUT	99	R32.43	33.29	East 1 <sup>st</sup> Ave to Cohasset Rd	Construct 1 auxiliary lane in each direction connecting ramp to ramp.	Auxiliary Lane	\$40,000	2015
SAC	99	12.76	R24.35	Highway 50 to Elk Grove Blvd	Install fiber optics	TOS	\$2,500	2020
SAC	99	19.61	20.85	Florin Road to 47 <sup>th</sup> Avenue	Construct NB transition lane	Transition Lanes	\$3,000	2025
SAC	99	20.85	21.94	47 <sup>th</sup> Avenue to Fruitridge Road	Construct NB transition lane	Transition Lanes	\$3,000	2025

**STATE ROUTE 99  
TRAFFIC OPERATIONAL SYSTEM IMPROVEMENTS**

County	Route	Post Mile From	Post Mile To	Location	Project Description	Type of Project	Estimated Total Cost (1,000s)	Proposed Completion Year
SAC	99	20.85	21.57	Martin Luther King Blvd to 47th Avenue	Construct SB transition lane	Transition Lanes	\$3,000	2025
SAC	99	VAR	VAR	Various	Install CCTV cameras in outlying areas	TOS	\$1,200	2020

\* Information on existing, pending, and planned ramp meters can be found at:  
[http://onramp/hq/traffops/otrafopr/branch/ramp\\_metering/ramp\\_meters/](http://onramp/hq/traffops/otrafopr/branch/ramp_metering/ramp_meters/)