

**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/

**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/

**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/

**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/

**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/

**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 th 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 st 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 st Ave to the SR 32 IC	Phases II and III: Widen East 1 st 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 th 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 st 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 th Avenue	Construct NB transition lane	Transition Lanes	\$3,000	2025
SAC	99	20.85	21.94	47 th 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/