California Department of Transportation - District 3
Intelligent Transportation System/Operational Improvement Plan
High Priority List

Project No.	County	Route	Beg. Post Mile	End Post Mile	Project Type	Location	Description	Planning Document	Sponsoring Agency	Proposed Completion Year	Funding - Estimated TOTAL Cost	Benefit/Cost Ratio	EA	PID Completion Date	SHOPP Eligible	Proposed SHOPP Cycle	SHOPP Program Code	Comments
Butte County Association of Governments (BCAG)																		
1	Butte	99	R29.37	R36.9	ITS	Between Southgate Ave. & JNO W. Eaton Rd.	Install & implement ITS elements: Detection, CCTV, VDS	SR99 CSMP (North)	Caltrans	2020	$6,728,800	5.1	-	-	Yes	-	315	-
2	Butte	99	29.367	29.367	Interchange construction & modification	Entler/Southgate Ave.	Costruct I/C & extend Otterson Dr., Entler Dr., Heagan Rd. & Speedway	BCAG MTP 2012, SR99 CSMP (North)	Butte Co/City of Chico	2025	$29,000,000	3.3	4E670K	PSR - 2/10/2012	No	N/S	N/A	City is in the process of submitting connection alternatives to City Council for approval. Funding through mix of developer impact fees, City capital funds, and potential federal funds are anticipated in 2014-15 FY and beyond.
3	Butte	162	20.405	20.49	Intersection modification	Oro-Quincy Hwy & Oakvale Avenue	Safety & operational improvements at two closely spaced intersections	Butte Co 2030 General Plan	Caltrans	2020	$3,500,000	2.9	-	-	Yes	-	310	-

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El Dorado County Transportation Commission																		
4	El Dorado	50	17.11	17.778	Auxiliary lane	From west of Coloma Rd. offramp to Placerville Dr. off-ramp	Construct auxiliary lane	Conceptual	Caltrans	2020	$13,000,000	10.3	-	-	Yes	-	310	-
5	El Dorado	50	14.97	20.19	Traveler Information	Placerville- Missouri Flat Rd Interchange, Placerville Dr/Forni Rd, Ray Lawyer Dr, Schnell School Rd.	Replace Congestion Warning Signs/Flashing Beacons with traffic responsive EMS	Conceptual	Caltrans	2020	$500,000	3	-	-	Yes	-	315	-

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Tahoe Metropolitan Planning Organization																		
6	El Dorado	50	71.48	71.48	Intersection modification	Pioneer Trail	Traffic signal mod. - dual left-turn from Pioneer Trail & two WB lanes on highway, through intersection & merging prior to Santa Fe Trail/Apache intersection	Conceptual	Caltrans	2025	$1,000,000	1.6	-	-	Yes	-	310	This intersection stacks up WB traffic on peak Sundays and holiday Mondays, both Summer and Winter. It also causes congestion for EB traffic on peak Friday afternoons. The dual left and 2 through lanes WB will reduce congestion. Lengthening the EB right turn lane would reduce
7	El Dorado	50	70.621	70.621	Roundabout	SR89 in Meyers	Construct flared 2-lane roundabout	Conceptual	Caltrans	2025	$5,000,000	0.6	4F840	PSR - (3/1/2015)	Yes	2016	310	-

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Nevada County Transportation Commission																		
8	Nevada	20	23.0	46.1	Improve/add turnouts	Between Five Mile House & I-80: Existing PM 25.15, 28.45, 35.6, 37.05; New PM 32.2, 41.6	Lengthen &/or widen six existing turnouts, & add four turnouts	Conceptual	Caltrans	2020	$1,500,000	8.6	-	-	Yes	-	310	This is a long stretch of rural 2-lane highway in mountainous terrain. Speed differentials can be significant.
9	Nevada	49	1.8	15.06	Traveler information system/Vehicle detection system	Various locations on SR49 in Placer & Nevada Counties	Install ITS components from Auburn to Grass Valley (NB & SB); Taffic monitioring and detection systems near key intersections	SR49 CSMP	Caltrans	2022	$2,500,000	6.9	-	-	Yes	-	315	CCTV, CMS, TMS, and BTR. The project will provide both real-time traffic data, traveler information and improved signal operations along SR 49.
10	Nevada	20	31.3	31.3	Intersection modification	Washington Road	Construct EB left-turn lane & improve intersection sight distance	Nevada Co RTP 2010	Caltrans	2015	$1,300,000	0.3	-	-	Yes	-	310	There was a local petition to get this project on the list. Turn volumes are low, but intersection area does not meet some standards.

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Placer County Transportation Planning Agency																		
11	Placer	65	R6.151	R6.876	Auxiliary lane	SR65 NB, from the NB Stanford Ranch on-ramp to the NB Pleasant Grove off-ramp and SR65 SB from the SB Pleasant Grove on-ramp to the SB Galleria Blvd off-ramp	Provide auxiliary lanes on NB and SB SR65 from Galleria Blvd./Stanford Ranch Road to Pleasant Grove Blvd.	Administrative Draft Project Description for the SR65 Capacity and Operational Improvement Project	PCTPA	2020	$6,000,000	6.2	-	-	Yes	-	310	-
12	Placer	49	6.38	7.427	Signal coordination	Install signal at Shale Ridge Rd., coordinate to the north on Dry Creek Rd. & to the south on Bell Rd.	Extend coordinated traffic signals	Conceptual	Caltrans	2025	$2,000,000	4.5*	-	-	Yes	-	310	-
13	Placer	80	Var	Var	Auxiliary lane	Douglas Blvd. to Riverside (WB PM 0.55, 2.203) and SR65 to Rocklin Rd. (EB PM 4.5, 5.9)	Construct auxiliary lane	PCTPA RTP	PCTPA	2018	$11,000,000 ($7M programmed, $4M unfunded)	3.9 EB 1.3 WB	3F230	PSR/PR - 5/28/12	Yes	N/S	310	-
14	Placer	65	R11.921	R11.921	Interchange modification	Twelve Bridges Dr.	Upgrade to a full I/C with merge lane to SB SR65; widen Twelve Bridges from 2 to 4 lanes	SACOG MTIP	Placer Co/City of Lincoln	2015	$3,662,100 ($2,817,000 funded)	1.8	-	-	No	N/S	N/A	-
15	Placer	267	3.76	6.671	Truck climbing lane	Northstar Dr. to Brockway Summit	Extend the existing SB truck-climbing lane; shoulder widening	Conceptual	Caltrans	2025	$15,000,000	1.1	-	-	Yes	-	310	Trucks go slowly up this long steep grade. There are also many bicyclists, so shoulder improvements, especially in the uphill direction, are recommended.
16	Placer	174	0.14	0.14	Intersection modification	South Auburn St. and Central in Colfax	Intersection improvements, right-turn lane construction	SACOG 2035 MTP	Caltrans	2016	$669,500	0.2	-	-	Yes	-	310	-

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Sacramento Area Council of Governments (SACOG)																		
17	Sacramento	51	1.44	2.6	Transition lane	E. St. to American River Bridge	Construct transition lane	SACOG 2035 MTP	Caltrans	2020	$8,300,000 ($0.9M programmed, $7.4M unfunded)	19.0	3F750	PSR/PDS - 3/18/2014	Yes	N/S	310	9-23-14; PAED fully funded through 2014 programming cycle. Caltrans will use PPEC in FY 14-15 to engage in outreach efforts that will determine project feasibiility.
18	Yuba	20	R2.610	R2.940	Acceleration lane	17th St. and 22nd St.	Extend acceleration lane; construct median refuge	Conceptual	Caltrans	2020	$1,000,000	17.3	-	-	Yes	-	310	22nd Street is higher priority.
19	Sacramento	5	20.53	23.57	Auxiliary lane	US50 connector ramp to Sutterville Rd. off-ramp	Construct auxiliary lane	SACOG 2035 MTP	Caltrans	2020	$4,746,000	16.4	-	-	Yes	-	310	This project is a component of a comprehensive plan for auxiliary and transition lanes on the most congested freeway segments in the region. Candidate for future regional discretionary funding. In the RTP, not by 2020. Financial projections have changed since the development of the new SACOG MTP and the SACOG MTP notes that funding for these projects may be captured prior to 2020 with the potential to advance to construction prior to 2020.
20	Sacramento	5	25.369	25.526	Transition lane	Garden Hwy off-ramp to Garden Hwy on-ramp	Construct transition lane	SACOG 2035 MTP	Caltrans	2020	$4,000,000	12.7	-	-	Yes	-	310	-
21	Sacramento	50	R7.729	R9.485	Auxiliary lane	Bradshaw Rd. to Mather Field Rd. standard aux lanes in both directions.	Construct EB & WB auxiliary lanes on Rt-50 To improve freeway operations in this segment of Rt-50.	SACOG 2035 MTP, DSMDP Priority Congestion Relief Project	Caltrans	2020	$6,000,000	10.7	1F150	PSR - 5/12/2011	Yes	N/S	310	Low cost operational improvement project. This project is a component of a comprehensive plan for auxiliary and transition lanes on the most congested freeway segments in the region. Candidate for future regional discretionary funding. DSMDP High Priority Project
22	Sacramento	Var	Var	Var	Traveler information system	110 locations	Blue Tooth readers and dedicated Travel Time Changeable Message Signs	Conceptual	Caltrans	2020	$1,939,200	10.1*	-	-	Yes	-	315	-
23	Sacramento	51	Var	Var	ITS	Sac 51 R0/R0.103 Juntion 51 to 51/50 Separation; 50/99/51 Separation to Junction I-80	Fiber Optic Communications	Conceptual	Caltrans	2020	$2,250,000	10.1*	-	-	Yes	-	315	-
24	Sacramento/Yolo	80	Var	Var	ITS	50/80 JUNCTION TO SAC/YOL COUNTY LINE (PM R9.9/R11.7); YOL/SAC COUNTY LINE TO 5/80 JUNCTION (PM 0/2.5); 5/80 JUNCTION TO 51/80 JUNCTION (PM M2.5/R11.0)	Fiber Optic Communications	Conceptual	Caltrans	2020	$3,200,000	10.1*	-	-	Yes	-	315	-
25	Sacramento	5	Var	Var	Ramp metering system	8 locations on I-5 in Sacramento Co: Sutterville (PM 20.388), Seamas (PM 19.186), WB Florin (PM 17.26), EB Florin (PM 16.924), WB Pocket (PM 16.201), EB Pocket (PM 16.025), Laguna (PM 12.188), Elk Grove Blvd. (PM 10.882)	Install ramp meters	SACOG 2035 MTP	Caltrans	2020	Alt 1 $2,203,700, Alt 2 $10,861,900	Alt 1 (9.7); Alt 2 (2.0)	4F750	PSR - (10/1/2016)	Yes	N/S	315	9-2014: This project is a component of a comprehensive plan for ITS/Operational improvements on the most congested freeway segments in the region. Candidate for future regional discretionary funding.

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Sacramento Area Council of Governments (SACOG)																		
26	Sacramento	5	16.141	17.171	Auxiliary lane	Pocket Rd. to Florin Rd.	Construct auxiliary lanes (SB & NB)	SACOG 2035 MTP	Caltrans	2020	$7,100,000	6.2	1F160	PSR/PDS (12/30/2016)	Yes	N/S	310	This project is a component of a comprehensive plan for auxiliary and transition lanes on the most congested freeway segments in the region. Candidate for future regional discretionary funding. In the RTP, not by 2020. Financial projections have changed since the development of the new SACOG MTP and the SACOG MTP notes that funding for these projects may be captured prior to 2020 with the potential to advance to construction prior to 2020.
27	Sacramento	50	3.629	3.759	Transition lane	NB Howe Ave. off-ramp slip from WB Rt-50 to SB Howe Ave. slip on-ramp onto WB Rt-50.	Construct transition lane on WB Rt-50 from the NB Howe Ave. off-ramp slip from WB Rt-50 to SB Howe Ave. slip on-ramp onto WB Rt-50. This would connect to existing aux lanes making this improvement to Rt-50 a Transition Lane.	SACOG 2035 MTP, DSMDP Priority Congestion Relief Project	Caltrans	2020	$3,000,000	5.4	1F190	PSR - 8/10/2010 Refresh - (6/30/15)	Yes	2016	310	Low cost operational improvement project. This project is a component of a comprehensive plan for auxiliary and transition lanes on the most congested freeway segments in the region. Candidate for future regional discretionary funding. DSMDP High Priority Project
28	Sacramento/Placer/ Yolo	5, 65, 99, 80	Var	Var	Ramp metering system	8 locations: SAC5 I St. (PM 23.6), SAC99 Elkhorn WB (PM 33.41), SAC99 Elkhorn EB (PM 33.18), SAC99 Laguna (PM 13.8), SAC99 Laguna (PM 13.6), PLA65 Stanford Ranch (PM R6.15), YOL80 Richards (PM 0.45), PLA80 NB65 Connector (PM 4.32)	Install ramp meters	SACOG 2035 MTP	Caltrans	2020	$4,800,000	5.0	4F730	PSR - (6/30/2014)	Yes	N/S	315	Traffic Ops #3 priority RM project - 9-24-14; This project is a component of a comprehensive plan for ITS/Operational improvements on the most congested freeway segments in the region. Candidate for future regional discretionary funding.
29	Sacramento	50	R0.314	R0.595	Auxiliary lane	Stockton Blvd. offramp to SR51 connector onramp	Extend auxiliary lane on WB US50; realign and add acceleration taper	Conceptual	Caltrans	2020	$6,000,000	3.9	-	-	Yes	-	310	Added to 2016 SACOG MTP Project List, Potentially be included in US50 HOVL Watt to Downtown project. PM checking if viable, and stand alone project? If alone, planning would have to find funds.
30	Yuba	20	13.27	16.98	Safety/ operational improvement	Marysville Rd. to Sicard Flat Rd.	Standard shoulders, vertical & horizontal curve improvements, & EB & WB left-turn lanes	SACOG 2035 MTP/ SR 20 TCR	Caltrans	2025	$5,500,000	2.8*	-	-	Yes	-	310	Extending the existing EB passing lane that is just east of Peoria Road should also be considered.
31	Yuba	20	7.9	9.4	Passing lane	Loma Rica Rd. to Kibbe Rd.	Install shoulders, left-turn channelization & passing lanes	SACOG 2035 MTP/ SR 20 TCR	Caltrans	2025	$2,500,000	1.3	-	-	Yes	-	310	-
32	Yolo	16	26.369, 38.856	26.369, 38.856	Intersection modification	Road 85B	Signalize intersection, lighting at Road 85B, lighting at Road 96	Conceptual	Caltrans	2020	$3,000,000	0.2	-	-	Yes	-	315	Project meets two of the warrants for a signal.

Notes

** Typical benefit/cost ratio (from Caltrans TMS Master Plan)*

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Sacramento	5	31.751	32.487	Deceleration lane	To Airport Blvd.	Construct 3/4 mile deceleration lane	Conceptual	Caltrans	2020	$2,000,000	12.0	2F630K	-	Yes	2014	310	-	-	14H-058
Sacramento	50	Var	Var	ITS	Sac 50 12.8/15.7 Sunrise Blv to Hazel Ave OC Sac 50 0/5.1 51/99/50 Separation to Watt Ave Sac 50 L0/L2.43 Sac County Line to 50/99 separation	Fiber Optic Communications	Conceptual	Caltrans	2020	$2,750,000	10.1*	4F460	SCVP - 6/6/2014	Yes	2014	315	Sac 50 - 0.0/5.1 2018 SHOPP, 6-24-14 changed to 2018 SHOPP cycle due to 315 PID coming in at a higher than estimated value	-	14H-312
Sacramento/ Placer/ Yolo/ El Dorado/ Nevada	Var	Var	Var	Traveler information system	18 locations: PLA80 (PM 53.3, 63.5), NEV80 (PM 5.1, 9.1, 19.3, 27.3), ELD50 (PM 66.8), PLA267 (PM 6.7), NEV267 (PM 0.4), YOL80 (PM 5.7, 8.9), SAC80 (PM 0.4), SAC51 (PM 3.0), YOL5 (PM 0.8), SAC5 (PM 24.8), SAC99 (PM 8.8), PLA89 (PM 10.4), PLA28 (PM 3.0)	Roadway Weather Information Systems (RWIS) upgrade	2016 SHOPP	Caltrans	2022	$1,635,436	10.1*	3F810	SCVP - 6/18/2013	Yes	2014	315	-	-	14H-307
Various	Var	Var	Var	ITS	25 locations: I-5, SR65, I-80, US50, SR51, SR89, & SR99	Higway Advisory Radio (HAR) upgrades	2016 SHOPP	Caltrans	2018	$1,843,200	10.1*	3F820	SCVP - 6/19/2013	Yes	2014	315	-	-	14H-308
Sacramento/ Yolo	50, 51, 80	Var	Var	Ramp metering system	14 locations: SAC80 Antelope to NB I-80 (PM 16.70), SAC80 Enterprise to EB I-80 (PM 9.1), YOL80 Reed to EB I-80(PM R11.2), YOL80 Reed to WB I-80 (PM R11.0), YOL80 W. Capital Ave to EB I-80 (PM 9.08), SAC50 Harbor to EB I-80 (PM 1.34), SAC50 Jefferson to EB I-80 (PM 2.66), SAC50 S. River Rd. to EB I-80 (PM 2.82), SAC50 Harbor to WB I-80 (PM 1.07), SAC50 Rte 275 (PM 2.20), SAC50 Jefferson to WB Rt-50 (PM 19.4), SAC51 Marconi to NB Rt-51 (PM 5.37), SAC51 Arden Way to WB Rt-51 (PM 4.07), SAC51 Arden Way to EB Rt-51 (PM 4.07).	Install ramp meters at verious location in Sacramento and Yolo Counties	SACOG 2035 MTP, DSMDP Priority Congestion Relief Project	Caltrans	2020	$5,500,000	7.7	1F230	PSR/PR- 7/2/2010	Yes	2014	315	Traffic Ops #2 priority RM project - Possible amendment into 2014 SHOPP programming cycle (12/12/2014)	-	14H-315
Sacramento	50	TMC	TMC	ITS	Transportation Management Center (Rancho Cordova)	Upgrade video wall at regional TMC	SACOG MTP/2016 SHOPP	Caltrans	2016	$1,000,000	3.0*	4F410	SCVP - 6/18/2014	Yes	2014	315	-	-	14H-309
Sacramento/ Placer/ Yolo	51, 99, 65, 80, 244	Var	Var	Ramp metering system	16 locations: Pla 65 Galeria Blvd to SB Rt-65 (PM R5.704), YOL 80 Chiles Rd to EB I-80(PM 5.6), SAC51 H St. to SB Rt-51 (PM 1.067), SAC51 N St. to SB Rt-51 (PM 0.591), SAC51 T St. to SB Rt-51 (PM 0.084), SAC99 Broadway to SB Rt-99 (PM 23.852), SAC99 12th(14th) Ave. to SB Rt-99 (PM 22.905), SAC99 Fruitridge to SB Rt-99 (PM 21.832), SAC99 MLK Jr. Blvd. to SB Rt-99 (PM 21.44), SAC99 Consumnes River to SB Rt-99 (PM 16.313 & PM 16.124), SAC51 Arden Wy to NB Rt-51 (PM 4.227), SAC99 WB 47th to SB Rt-99 (PM 20.935), SAC99 EB47th to SB Rt-99 (PM 20.734), SAC99 WB Florin to SB Rt-99 (PM 19.71), SAC99 EB Florin to SB Rt-99 (PM 19.479)	Install ramp meters at verious location in Sacramento and Yolo Counties	SACOG 2035 MTP, DSMDP Priority Congestion Relief Project	Caltrans	2020	$22,286,400 ($11.5M programmed, $10.78M unfunded)	> 3.0 (partial funded)	0F350	PSR/PDS - 3/18/2014	Yes	N/S	315	Traffic Ops #1 Priority RM project.	-	14H-313

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Sutter	99	27.65	32.63	Operational improvement	Bogue Rd to Pease Rd	Signalization-ITS enhancements, turn pockets, and drainage improvements.	2013 DSMDP	Caltrans	2015	$3,000,000	0.6	1F970	PSR-PDS - 6/27/2011	Yes	2014	315	10-31-14; submitted on accelertion list for SHOPP Program 315; Low cost operational improvement project. Candidate for future regional discretionary funding. Submitted to SACOG in Aug 2013 for inclusion in RTIP, but it was not selected for funding.	-	14H-314
Various	5	0	34.7	ITS	In Sacramento, Butte, Colusa, El Dorado, Glenn, Nevada, Placer, Sierra, Sutter, Yolo, and Yuba Counties, on Routes 5, 50, and 80 at various locations. Upgrade Changeable Message Sign (CMS) panels. (G13 Contingency Project) 17 Locations	CMS Upgrades	Conceptual	Caltrans	2015	$5,320,000	10.1*	4F440	6/24/2014	Yes	2014	315	-	-	14H-310
Sacramento	5	16.1	26.7	ITS	In Sacramento, from Pocket Road Overcrossing to Route 5/80 Separation. Install fiber optic cable. (G13 Contingency Project) 10 Miles of cable	Fiber Optic Communications	Conceptual	Caltrans	2016	$10,500,000	10.1*	4F450	5/29/2014	Yes	2014	315	-	-	14H-311

Notes

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