

Highway 20		
	CO-RTE-PM	YUB - 20 - 20.1/21.7
2F590	Location	Near Lake Wildwood, from 0.4 mile east of McGanney Lane to Mooney Flat Road.
	Description	Safety - Shoulder widening and curve improvements.
	Funding Source	SHOPP - Safety (015)
	Total Cost	\$28,780,000
Smartsville	Planning	COMPLETE
	Environmental	COMPLETE
	Design	COMPLETE
	Construction	Target completion November 2020.
	CO-RTE-PM	NEV - 20 - 25.8/45.7 (+ I-80/Farad offramp(WB), + other various locations in other counties)
	Location	In Nevada, Placer, El Dorado, and Yuba Counties on Routes 20, 49, 50, 70, and 80 at various locations.
	Description	Install shoulder or centerline rumble strips.
	Funding Source	SHOPP - Safety (010)
4H030	Total Cost	\$1,820,000
Rumble Strips	Planning	COMPLETE
	Environmental	COMPLETE
	Design	Target completion January 2019.
	Construction	Target completion December 2019.
	CO-RTE-PM	NEV - 20 - 25.15 (+ other various locations in other counties)
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-	Location	In Nevada county on Route 20 and Placer county on Route 193 at various locations.
	Description	Construct Turnouts
011(00	Funding Source	SHOPP - Operational Improvements (310)
0H690	Total Cost	\$2,420,000
NEV/PLA Turnouts	Planning	COMPLETE
	Environmental	Target completion July 2019.
		Project is in the early stages of environmental studies and perliminary design.
	Design	Target completion September 2020.
	Construction	Target completion October 2021.
	CO-RTE-PM	NEV - 20 - 29.7/39.8
	Location	In Nevada County, near Omega, from 0.1 mile east of White Cloud Campground to 1.3 miles west of Zeibright
		Road.
2H62U	Description	Curve improvement, widen shoulders, and add turnout.
Omega Curve	Funding Source	SHOPP - Safety (010) and Operational Improvements (310)
Correction	Total Cost	\$55,319,000
(2H620)	Planning	COMPLETE
(0H240)		Target completion November 2019.
(1H810)	Environmental	We are working closely with the US Forest Service. New alignment is established. Environmental studies are
, ,		nearly complete. Numerous cultural resources will be impacted. Draft Environmental Document is expected to be
		circulated to the public in May 2019.
	Design	Target completion May 2020.
	Construction	Target completion November 2022.
	CO-RTE-PM	NEV - 20 - 25.8/32.2
	Location	Near Nevada City and Junction House, from east of Conservation Road (Washington Ridge Road) to east of
	Location	Washington Road.
	Description	Operational Improvements - Widen for left-turn pockets and roadway turnouts.
011660	Funding Source	SHOPP - Operational Improvements (310)
0H660 Special Ops	Total Cost	\$3,390,000
Special Ops	Planning	COMPLETE
	Environmental	Target completion February 2020.
		The project is in the early stages of preliminary design and environmental studies.
	Design	Target completion March 2021.
	Construction	Target completion December 2022.
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	CO-RTE-PM	NEV - 20 - 12.2/20.0
	Location	In and near Grass Valley and Nevada City, from RTE 20/49 SEP (Br#17-0049) to Rim Rock Lane.
	Description	Repair pavement, drainage, sign panels, ADA facilities, and roadside planting & irrigation. Install new storm
		water improvement, Maintenance Vehicle Pullouts (MVPs), and shoulder widening.
4H070	Funding Source	SHOPP - Asset Management (120)
Gold Nugget	Total Cost	\$33,773,000
	Planning	Project planning is on hold. Will be funded in future SHOPP cycle.
	Environmental	TBD
	Design	TBD
	Construction	TBD

Highway 49		
	CO-RTE-PM	NEV - 49 - VAR
	Location	In Nevada County on Route 49, at various locations.
	Description	Safety - Install flashing beacons at Alta Sierra Drive intersection, upgrade intersection lighting at Brewer Road intersection, and install radar speed feedback signs at various locations.
	Funding Source	SHOPP - Minor B
2112.40	Total Cost	\$169,000
3H340	Planning	COMPLETE
Electrical Upgrades	Environmental	COMPLETE
	Design	COMPLETE
	Construction	Target completion August 2019. Project received only one bidder, and the bid came in too high to award. Project is currently being repackaged (change power source to solar) and re-bid. This project is expected to start construction by May 2019.
	CO-RTE-PM	NEV - 49 - 7.5/14.4
	Location	In and near Grass Valley, from Lime Kiln Rd to Rte 20.
	Description	Culvert rehabilitation.
0H220	Funding Source	SHOPP - Drainage (151)
Culvert Rehab	Total Cost	\$4,980,000
(North)	Planning	COMPLETE
	Environmental	COMPLETE
	Design	COMPLETE
	Construction	Target completion December 2019.
	CO-RTE-PM	NEV - 49 - 0.0/7.5
	Location	From Placer County Line to North of Lime Kiln Rd.
	Description	Culvert rehabilitation.
0H210 Culvert Rehab (South)	Funding Source	SHOPP - Drainage (151) **SB1**
	Total Cost	\$5,992,000
	Planning	COMPLETE
	Environmental	Target completion August 2019. Project is just beginning preliminary engineering and environmental studies.
	Design	Target completion October 2020.
	Construction	Target completion December 2021.



	CO-RTE-PM	NEW 40 111/12 2
4E170 Nev-49 Corridor Improvement Project		NEV - 49 - 11.1/13.3
	Location	In Nevada County, from La Bar Meadows Road to McKnight Way.
	Description	Widen SR 49 to a four-lane highway with a continuous median/left-turn lane and 8-foot shoulders.
	Funding Source	STIP - RIP (NCTC)
	Total Cost	\$94,140,000
	Planning	COMPLETE
	Environmental	Target completion September 2019. Caltrans is moving forward with traffic studies and cultural studies to complete the environmental document. Caltrans will have another public meeting after the Draft Environmental Document is complete to present the alternatives to the public for comment and a preferred alternative will be selected. FUNDING OPPORTUNITIES: Caltrans is continuing to pursue full funding for a SHOPP safety project (3H510) within these same limits which would add a two way left turn lane in the center and a truck climbing lane going North. If additional funding can be secured, the hope is that the SHOPP funding could be contributed to the ultimate project. By continuing with PA&ED studies and PS&E design, we will put ourselves into a more competitive position to apply for grant funding opportunities.
	Design	Target completion May 2022.
	Construction	Target completion November 2024.
	CO-RTE-PM	NEV - 49 - 10.8/13.3
	Location	In Nevada County, from La Bar Meadows Road to McKnight Way.
	Description	Widen shoulders, construct two way left turn lane (TWLTL), SB right turn lane, and NB truck climbing lane,
3H510	Description	install transportation management system (TMS) elements, rehab pavement, and rehab culverts.
Nev-49 Corridor	Funding Source	SHOPP - Safety (015)
Improvement	Total Cost	\$52,840,000
Project (SHOPP)	Planning	This project is waiting to be programmed into the 2020 SHOPP.
	Environmental	Target completion September 2019.
	Design	Target completion May 2022.
	Construction	Target completion November 2024.
	CO-RTE-PM	NEV - 49 - 1.5/2.6
	Location	In Nevada County, on Route 49, from 0.18 mile south of Wolf Road/Combie Road to 0.17 mile north of Wolf Road/Combie Road.
	Description	Safety - Construct acceleration lanes.
3H640	Funding Source	SHOPP - Safety (010)
Wolf/Combie	Total Cost	\$3,910,000
Won/Comble	Planning	COMPLETE
1	Environmental	Target completion March 2019.
	Environmental	Project is just beginning preliminary engineering and environmental studies.
	Design	Target completion November 2019.
	Construction	Target completion October 2020.
	CO-RTE-PM	NEV - 49 - 8.3/8.7
3H650	Location	In Nevada County on Route 49 from 0.1 mile south of Round Valley Road to 0.1 mile north of Quail Creek Drive.
	Description	Safety - Construct two-way left-turn lane.
	Funding Source	SHOPP - Safety (010)
Round Valley	Total Cost	\$4,210,000
Round vancy	Planning	COMPLETE
	Environmental	Target completion July 2019.
		Project is just beginning preliminary engineering and environmental studies.
	Design	Target completion February 2020.
	Construction	Target completion October 2020.



	CO-RTE-PM	PLA - 49 - 8.7/10.6
	Location	In Placer County on Route 49 from 0.2 miles south of Lorenson Road to 0.4 miles north of Lone Star Road.
4H600	Description	Construct concrete median barrier with roundabouts.
Twin Turbo	Funding Source	SHOPP - Safety (010)
Roundabouts	Total Cost	\$25,000,000
Roundaoouts	Planning	Work on PID has just started. Expected to be completed by March 2019.
	Environmental	TBD
	Design	TBD
	Construction	TBD (2022-ish)

Interstate 80		
	CO-RTE-PM	NEV - 80 - 0.0/20.0
4F600	Location	Near Truckee from east of Kingvale Undercrossing to 0.2 mile west of Union Mills Bridge and Overhead 17-58.
	Description	Remove metal beam guard rail and replace with concrete barrier.
	Funding Source	SHOPP - Safety (015)
Replace MBGR	Total Cost	\$14,763,000
	Planning	COMPLETE
	Environmental	COMPLETE
	Design	COMPLETE
	Construction	Target completion November 2019.
	CO-RTE-PM	NEV - 80 - 19.0/19.4
	т .:	In Nevada County In Truckee at the Donner Pass Inspection Facility and at Floriston at the Floriston Sand and
	Location	Salt Houses.
3F920	Description	Replace Sand House.
Relocate Floriston	Funding Source	SHOPP - Facilities (352)
Sand House	Total Cost	\$6,242,000
Sand House	Planning	COMPLETE
	Environmental	COMPLETE
	Design	COMPLETE
	Construction	Target completion December 2019.
	CO-RTE-PM	VAR - VAR
	Location	In Glenn, Colusa and Nevada Counties at Various Locations. One location is at the Donner Safety Roadside Rest Area (SRRA).
2H550 Zero Emmission	Description	In response to the Governor's order, this project proposes to install ZEV charging stations at select SRRA's.
Vehicle (ZEV)	Funding Source	SHOPP - Misc (999)
Charging Stations	Total Cost	\$2,865,000
Charging Stations	Planning	COMPLETE
	Environmental	COMPLETE
	Design	Project design is complete. Construction funding is expected to be approved at the March CTC meeting.
	Construction	Target completion December 2019.
	CO-RTE-PM	NEV - 80 - 29.1/29.4
	Location	Near Truckee from east of Floriston Road to west of Farad Undercrossing.
3F250	Description	Stabilize cut slope.
	Funding Source	SHOPP - Roadway Preservation (150)
Slope Stabilization	Total Cost	\$12,665,000
Stope Statifization	Planning	COMPLETE
	Environmental	COMPLETE
	Design	Target completion May 2019.
	Construction	Target completion November 2020.



	CO-RTE-PM	NEV - 80 - 28.3/28.7
	Location	Near Truckee from .2 mile east of Truckee River Bridge to .8 mil west of Farad U/C.
	Description	Construct rockfall wire mesh drapery, flatten cut slope, construct rockfall barrier, rehab drainage.
	Funding Source	SHOPP - Roadway Preservation (150)
1H010	Total Cost	\$14,390,000
Slope Stabilization	Planning	COMPLETE
	Environmental	Target completion November 2019.
	Environmental	The project is in the early stages of preliminary design and environmental studies.
	Design	Target completion October 2020.
	Construction	Target completion December 2021.
	CO-RTE-PM	NEV - 80 - 29.5/29.7
	Location	Near Truckee, from Farad UC (Br#17-0064) to 2.17 miles west of Sierra Co. Line.
	Description	Reduce maintenance worker exposure and reduce rockfall hazard to freeway traffic at this cut slope location
2H000	Funding Source	SHOPP - Roadway Preservation (150)
Slope Stabilization	Total Cost	\$5,570,000
Stope Stabilization	Planning	COMPLETE
	Environmental	Target completion April 2019.
	Environmental	The project is in the early stages of preliminary design and environmental studies.
	Design	Target completion October 2020.
	Construction	Target completion December 2021.
	CO-RTE-PM	NEV - 80 - 31.4/31.8
	Location	Near Truckee, 1.88 miles east of Farad UC (Br# 17-0064) to the Sierra County Line.
	Description	Rockfall Mitigation
	Funding Source	SHOPP - Roadway Preservation (150)
2H690 Slope Stabilization	Total Cost	\$8,730,000
	Planning	COMPLETE
	Environmental	Target completion November 2019.
		The project is in the early stages of preliminary design and environmental studies.
	Design	Target completion October 2021.
	Construction	Target completion December 2023.

Highway 89

Highway 174		
	CO-RTE-PM	NEV - 174 - 6.8
	Location	In Nevada county on Route 174 at Brunswick Road.
	Description	Install intersection lighting.
0Н630	Funding Source	SHOPP - Minor B
Brunswick Road	Total Cost	\$279,000
Intersection	Planning	COMPLETE
Lighting	Environmental	COMPLETE
Lighting	Design	COMPLETE
		Target completion May 2019.
	Construction	Construction suspended pending: Light poles and PGE providing power. Light poles have been ordered. PGE is
		delayed in all areas and functions due to fires.



	CO-RTE-PM	NEV - 174 - 2.7/4.6
	Location	In Nevada County, near Rollins Lake, from Maple Way to You Bet Road.
	Description	Safety - This project proposes to realign curves, widen shoulders, add a left turn lane at Greenhorn Access Rd.,
		and improve the clear recovery zone.
4F370	Funding Source	SHOPP - Safety (010)
120,0	Total Cost	\$29,603,000
Hwy 174 Safety	Planning	COMPLETE
Improvement Project	Environmental	COMPLETE
Tioject		Target completion April 2019.
	Dagion	Design team is moving forward with the revised design including steeper slopes and narrower right of way limits.
	Design	Right of Way negotiations continue with individual property owners (18 signed contracts so far out of 52
		required).
	Construction	Target completion November 2021.
	CO-RTE-PM	NEV - 174 - 9.7/10.1
	Location	In Grass Valley from Park Street to Highway 20.
	Description	Upgrade ADA infrastructure including curb ramps, cross slopes, driveways, etc.
	Funding Source	SHOPP - ADA (361)
3F680	Total Cost	\$4,950,000
ADA Upgrades	Planning	COMPLETE
ADA Opgrades		Target completion October 2019.
	Environmental	Caltrans is working with the City of Grass Valley to relinquish this section of highway (as well as Hansen and
		Tinloy streets) to the city. Cultural studies are required prior to relinquishment.
	Design	N/A because of relinquishment
	Construction	N/A because of relinquishment

Other		
	CO-RTE-PM	NEV - 49, 89, 174
	Location	
	Description	Remove dead trees that have been killed by the bark beetle.
2H650	Funding Source	SHOPP - Major Damage (Permanent Restoration) (131)
2H660	Total Cost	\$5,000,000 (approx.)
Tree Removal	Planning	COMPLETE
	Environmental	COMPLETE
	Design	COMPLETE
	Construction	Target completion September 2019.