

**Summary of Changes  
2015 FSTIP - Rural Non-MPO Areas  
Administrative Modification #33  
(Dollars x \$1,000)**

Proj #	Existing or New Project	COUNTY	CTIPS ID	PROJECT TITLE	DESCRIPTION OF CHANGE	Phase	CTIPS Fund Source	Prior CTIPS Entry	New CTIPS Entry	% of Change	FFY	Financial Table Fund Source Category	Net Increase/Decrease (All Fund Sources)	Net Change Current FSTIP Period (FY 14/15 to 17/18)
1	Existing	Various	230-0000-0400	Grouped Projects for Grants for Training and Research Programs	Modify funding, add one project awarded under FY15 Accelerated Innovation Deployment (AID) Demonstration grant program and revise detailed backup listing	CON	Other Fed-SHRP2	125	125	35%	14/15	Other Fed-SHRP2	-	
						CON	Other Fed-SPR	78	78		14/15	Other Fed-SPR	-	
						CON	Other Fed-SHRP2	1,120	1,120		15/16	Other Fed-SHRP2	-	
						CON	Other Fed-SPR	212	212		15/16	Other Fed-SPR	-	
						CON	Other Fed-AID		550		15/16	Other Fed-AID	550	
						CON	Other Fed-SPR	15	15		16/17	Other Fed-SPR	-	
2	Existing	Various	230-0000-0065	Grouped Project Listing for SHOPP Bridge Rehab and Reconstruction	Modify funding and revise the detailed backup listing of projects.	CON	SHOPP-AC	58,221	58,221	1%	14/15	SHOPP	-	
						CON	SHOPP-AC	68,602	68,602		15/16	SHOPP	-	
						CON	SHOPP-AC	116,521	116,521		16/17	SHOPP	-	
						CON	SHOPP-AC	120,309	123,154		17/18	SHOPP	2,845	
3	Existing	Various	230-0000-0066	Grouped Project Listing for SHOPP Collision Reduction Program	Modify funding and update the backup detailed project listing.	CON	SHOPP-AC	52,319	52,319	3%	14/15	SHOPP	-	
						CON	SHOPP-AC	66,678	66,678		15/16	SHOPP	-	
						CON	SHOPP-AC	46,549	49,391		16/17	SHOPP	2,842	
						CON	SHOPP-AC	213,957	220,609		17/18	SHOPP	6,652	
4	Existing	Toulumne	230-0000-0409	Tuolumne Park and Ride Facility Project	Program \$48k of CMAQ from PE to CON and reduce local funds by same amount. Reduce PE to \$28k in PY; savings transferred to CON and reduce local funds. No change in scope.	PE	CMAQ	76	28	0%	Prior Year	CMAQ		
						RW	Local Funds	5	5		15/16	Local Funds	-	
						CON	CMAQ		48		16/17	CMAQ	48	
						CON	Local Funds	238	190		16/17	Local Funds	(48)	

Note: Highlighted are outside the current FSTIP period; Shown for information only.

**TOTAL \$ 12,889**

Financial Table Fund Types	FY 14/15	FY 15/16	FY 16/17	FY 17/18	Total
Local Funds		-	(48)		\$ (48)
SHOPP	-	-	2,842	9,497	\$ 12,339
CMAQ			48		\$ 48
Other Fed-AID		550			\$ 550
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ 550</b>	<b>\$ 2,842</b>	<b>\$ 9,497</b>	<b>\$ 12,889</b>

DIST: PPNO: EA: 03 CT PROJECT ID:	EA: CTIPS ID: 230-0000-0400 MPO ID: DRISL_RES	TITLE (DESCRIPTION): Grouped Projects for Grants for Training and Research Programs (Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Grants for training and research programs)	MPO Aprv: 09/28/2015 State Aprv: 09/28/2015 Federal Aprv: 10/06/2015
COUNTY: Various Counties	ROUTE: PM:		EPA TABLE II or III EXEMPT CATEGORY:

IMPLEMENTING AGENCY: Caltrans

PROJECT MANAGER: AN SARRELS

PHONE: (916) 654-8892

EMAIL: an.sarrels@dot.ca.gov

**PROJECT VERSION HISTORY** (Printed Version is Shaded)

Dollars in Thousands - Total For Project

Version	Status	Official Date	Updated By	Change Reason	Amend No.	Prog Con	Prog RW	PE
9	Official	09/28/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	19	4,485		
8	Official	05/26/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	11	3,365		
7	Official	10/28/2014	MPOGREEN	Adoption - Carry Over		3,060		
6	Official	09/16/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	41	3,060		
5	Official	08/18/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	38	2,935		
4	Official	04/23/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	30	2,810		
3	Official	04/08/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	28	2,710		
2	Official	03/20/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	27	2,660		
1	Official	11/20/2013	MPOGREEN	Amendment - New Project	18	2,356		

• Federal Disc. -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 1 of 6	PE									
• Fund Type: Strategic Highway Research Program (SHRP 2)	RW									
• Funding Agency: N/A	CON	200	125	1,120						1,445
	TOTAL	200	125	1,120						1,445

• Federal Disc. -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 2 of 6	PE									
• Fund Type: Multistate Corridor Operations and Management	RW									
• Funding Agency: N/A	CON	504								504
	TOTAL	504								504

• Federal Disc. -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 3 of 6	PE									
• Fund Type: Exploratory Advanced Research (EAR)	RW									
• Funding Agency: N/A	CON	1,640								1,640
	TOTAL	1,640								1,640

• Other State -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 4 of 6	PE									
• Fund Type: State Cash	RW									
• Funding Agency: Caltrans	CON	491								491
	TOTAL	491								491

• Federal Disc. -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 5 of 6	PE									
• Fund Type: Highway Research and Development Program	RW									
• Funding Agency: N/A	CON	100								100
	TOTAL	100								100

• Other Fed -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 6 of 6	PE									
• Fund Type: State Planning & Research	RW									
• Funding Agency: N/A	CON		78	212	15					305
	TOTAL		78	212	15					305

<b>Project Total</b>		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
	PE									
	RW									
	CON	2,935	203	1,332	15					4,485
	TOTAL	2,935	203	1,332	15					4,485

**Comments:**

- \*\*\*\*\* Version 9 - 09/10/2015 \*\*\*\*\* add 5 new projects on the grouped listing awarded under SHRP 2 Round 5 and 6. -Igreen
- \*\*\*\*\* Version 8 - 05/06/2015 \*\*\*\*\* add one project on the grouped project listing for Motorsport Truck Study. -Igreen
- \*\*\*\*\* DFTIP Version 1 - 09/16/2014 \*\*\*\*\*carry over project to 2015 FSTIP. -Igreen
- \*\*\*\*\* Version 5 - 08/15/2014 \*\*\*\*\*add 2 new projects funded from SHRP2 -Igreen

DIST: PPNO: EA:	CTIPS ID: 230-0000-0400	TITLE (DESCRIPTION): Grouped Projects for Grants for Training and Research Programs (Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Grants for training and research programs)	MPO Aprv: State Aprv: Federal Aprv:
CT PROJECT ID:	MPO ID: DRISL_RES		EPA TABLE II or III EXEMPT CATEGORY:
COUNTY: Various Counties	ROUTE: PM:		

IMPLEMENTING AGENCY: Caltrans

PROJECT MANAGER: AN SARRELS

PHONE: (916) 654-8892

EMAIL: an.sarrels@dot.ca.gov

**PROJECT VERSION HISTORY** (Printed Version is Shaded)

Version	Status	Official Date	Updated By	Change Reason	Amend No.	Dollars in Thousands - Total For Project				
						Prog Con	Prog RW	PE		
10	Active	06/02/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	33	5,035				
9	Official	09/28/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	19	4,485				
8	Official	05/26/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	11	3,365				
7	Official	10/28/2014	MPOGREEN	Adoption - Carry Over		3,060				
6	Official	09/16/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	41	3,060				
5	Official	08/18/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	38	2,935				
4	Official	04/23/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	30	2,810				
3	Official	04/08/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	28	2,710				
2	Official	03/20/2014	MPOGREEN	Amendment - Cost/Scope/Sch. Change	27	2,660				

• Federal Disc. -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 1 of 7	PE									
• Fund Type: Strategic Highway Research Program (SHRP 2)	RW									
• Funding Agency: N/A	CON	200	125	1,120						1,445
	TOTAL	200	125	1,120						1,445

• Federal Disc. -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 2 of 7	PE									
• Fund Type: Multistate Corridor Operations and Management Program	RW									
• Funding Agency: N/A	CON	504								504
	TOTAL	504								504

• Federal Disc. -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 3 of 7	PE									
• Fund Type: Exploratory Advanced Research (EAR)	RW									
• Funding Agency: N/A	CON	1,640								1,640
	TOTAL	1,640								1,640

• Other State -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 4 of 7	PE									
• Fund Type: State Cash	RW									
• Funding Agency: Caltrans	CON	491								491
	TOTAL	491								491

• Federal Disc. -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 5 of 7	PE									
• Fund Type: Highway Research and Development Program	RW									
• Funding Agency: N/A	CON	100								100
	TOTAL	100								100

• Other Fed -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 6 of 7	PE									
• Fund Type: State Planning & Research	RW									
• Funding Agency: N/A	CON		78	212	15					305
	TOTAL		78	212	15					305

• Federal Disc. -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 7 of 7	PE									
• Fund Type: Accelerated Innovation Deployment (AID)	RW									
• Funding Agency: N/A	CON			550						550
	TOTAL			550						550

<b>Project Total</b>		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
	PE									
	RW									
	CON	2,935	203	1,882	15					5,035
	TOTAL	2,935	203	1,882	15					5,035

2015 FSTIP  
Rural Non-MPO Area  
Grouped Project Listing for Grants for Training and Research Programs

as of Admin Modification #33

CTIPS ID: 230-0000-0400

Dist	Project Sponsor	Research Title/Description	Fund Source	FY 14/15	FY 15/16	FY 16/17	FY 17/18	Total Project Cost	Comment
VAR	Caltrans	Tools for Assessing the Wider Economic Benefits of Transportation (C11) Implementation Assistance - Lead Adopter Incentive. The funds will primarily be used to demonstrate and document the use of the spreadsheet-based Tools for Assessing Wider Economic Benefits of Transportation by Caltrans in specific applications of middle-stage transportation planning or transportation programming, or the early stages of project development	Fed Disc - SHRP2	125,000				125,000	
VAR	Caltrans	Statewide Motorsports Truck Study - establish safe transition routes for the Motorsports trucks to travel between the National Network and the entrance of the racetracks in California. The funds will be used for field review, field test, data collection and analysis, circulation of draft report and final report to the California Legislature to meet SB 1175	Other Fed - SP&R	78,500	211,500	15,000		305,000	Amend 11 - add new project
VAR	Caltrans	3D Utility Location Data Repository (R01A) - 3D storage and retrieval data model that will accommodate large volumes of utility data, interface with existing design software, and provide a method for organizing the data so that it can reliably be used throughout the project design phase, during construction, and on future projects.	Fed Disc - SHRP2		320,000			320,000	Amend 19 - add new project SHRP 2 Round 5
VAR	Caltrans	PlanWorks (C01) - This is a web resource that supports collaborative decision making in transportation planning and project development. It is built around key decision points in long-range planning, programming, corridor planning, and environmental review.	Fed Disc - SHRP2		300,000			300,000	Amend 19 - add new project SHRP 2 Round 6
VAR	Caltrans	Utility Investigation Technologies (R01B) - Two advanced utility identification technologies will be tested and evaluated. The first is Multi-Channel Ground Penetrating Radar. The second utility technology is Time Domain Electromagnetic Induction. The combination of these will obtain a more complete and accurate assessment of underground utilities.	Fed Disc - SHRP2		150,000			150,000	Amend 19 - add new project SHRP 2 Round 6
VAR	Caltrans	Identifying and Managing Utility Conflicts (R15B) - The Utility Conflict Matrix (UCM) and its companion report, Identification of Utility Conflicts and Solutions, provide concepts and procedures to identify and resolve utility conflicts that Caltrans and utilities can use to help improve the project development process. Caltrans will evaluate the usefulness of UCMs as they pertain to identifying the best and most cost-effective solutions	Fed Disc - SHRP2		100,000			100,000	Amend 19 - add new project SHRP 2 Round 6
VAR	Caltrans	Composite Pavement Systems(CPS) (R21) - CPS provides detailed performance data on existing composite pavement systems, and offers step-by-step guidance on two types of composite pavements Hot-Mix Asphalt over Portland Cement Concrete (PCC) and PCC over PCC (constructed wet on wet) using procedures consistent with the Mechanistic-Empirical Pavement Design Guide	Fed Disc - SHRP2		250,000			250,000	Amend 19 - add new project SHRP 2 Round 6
VAR	Caltrans	Plans on Demand to geo-reference and provide visualization of right-of-way maps through an interactive geographic information systems web service	Fed Disc - AID Demo		550,000			550,000	Admin Mod 33 - add new project Accelerated Innovation Deployment (AID) Demo
<b>Total by Fiscal Year</b>				<b>203,500</b>	<b>1,881,500</b>	<b>15,000</b>	<b>0</b>	<b>2,100,000</b>	

State Highway System

DIST: PPNO: EA:	CTIPS ID:	TITLE (DESCRIPTION):	MPO Aprv: 05/04/2016
VA	230-0000-0065	Grouped Projects for Bridge Rehab & Recon - SHOPP Bridge (Scope: Widening narrow pavements or reconstructing bridges (no additional travel lanes). Projects are consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2&3.)	State Aprv: 05/04/2016
CT PROJECT ID:	MPO ID:		Federal Aprv: 05/04/2016
	SH_BRPRES		
COUNTY:	ROUTE: PM:		EPA TABLE II or III EXEMPT CATEGORY:
Various Counties	VAR		Non capacity widening or bridge reconstruction.

IMPLEMENTING AGENCY: Caltrans

PROJECT MANAGER:

PHONE:

EMAIL:

**PROJECT VERSION HISTORY** (Printed Version is Shaded)

Version	Status	Official Date	Updated By	Change Reason	Amend No.	Dollars in Thousands - Total For Project				
						Prog Con	Prog RW	PE		
60	Official	05/04/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	31	775,128				
59	Official	03/21/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	28	919,698				
58	Official	12/11/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	23	932,940				
57	Official	09/08/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	18	932,868				
56	Official	07/17/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	14	926,733				
55	Official	06/02/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	12	963,867				
54	Official	04/08/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	8	962,902				
53	Official	03/18/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	7	960,075				
52	Official	02/10/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	5	963,118				
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 1 of 5			PE							
			RW							
• Fund Type: Bridge - State (HBRR)			CON			43,975				43,975
• Funding Agency: N/A			TOTAL			43,975				43,975
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 2 of 5			PE							
			RW							
• Fund Type: State Cash			CON			5,640				5,640
• Funding Agency: N/A			TOTAL			5,640				5,640
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 3 of 5			PE							
			RW							
• Fund Type: SHOPP Advance Construction (AC)			CON			278,578	58,221	68,602	116,521	120,309
• Funding Agency: Caltrans			TOTAL			278,578	58,221	68,602	116,521	120,309
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 4 of 5			PE							
			RW							
• Fund Type: State Cash			CON			19,561				19,561
• Funding Agency: Caltrans			TOTAL			19,561				19,561
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 5 of 5			PE							
			RW							
• Fund Type: ARRA - SHOPP			CON			63,721				63,721
• Funding Agency: N/A			TOTAL			63,721				63,721
<b>Project Total</b>										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
			PE							
			RW							
			CON			411,475	58,221	68,602	116,521	120,309
			TOTAL			411,475	58,221	68,602	116,521	120,309

**Comments:**

- \*\*\*\*\* Version 60 - 05/03/2016 \*\*\*\*\*Modify funding consistent with the adopted 2016 SHOPP and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 59 - 03/21/2016 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 58 - 12/03/2015 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 57 - 09/08/2015 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 56 - 07/08/2015 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 55 - 06/01/2015 \*\*\*\*\*Modify funding and add new projects on the detailed backup listing. -Igreen
- \*\*\*\*\* Version 54 - 04/06/2015 \*\*\*\*\*Modify funding, schedule and revises the detailed backup listing -Igreen
- \*\*\*\*\* Version 53 - 03/18/2015 \*\*\*\*\*Modify funding, schedule and revises the detailed backup listing -Igreen
- \*\*\*\*\* Version 52 - 02/06/2015 \*\*\*\*\*Modify funding, schedule and revises the detailed backup listing -Igreen
- \*\*\*\*\* Version 51 - 01/14/2015 \*\*\*\*\*Modify funding, schedule and revises the detailed backup listing -Igreen
- \*\*\*\*\* Version 50 - 12/17/2014 \*\*\*\*\*

DIST: PPNO: EA:	CTIPS ID:	TITLE (DESCRIPTION):	MPO Aprv:
VA	230-0000-0065	Grouped Projects for Bridge Rehab & Recon - SHOPP Bridge (Scope: Widening narrow pavements or reconstructing bridges (no additional travel lanes). Projects are consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2&3.)	State Aprv:
CT PROJECT ID:	MPO ID:		Federal Aprv:
	SH_BRPRES		
COUNTY:	ROUTE:	PM:	EPA TABLE II or III EXEMPT CATEGORY:
Various Counties	VAR		Non capacity widening or bridge reconstruction.

IMPLEMENTING AGENCY: Caltrans

PROJECT MANAGER:

PHONE:

EMAIL:

**PROJECT VERSION HISTORY** (Printed Version is Shaded)

Version	Status	Official Date	Updated By	Change Reason	Amend No.	Dollars in Thousands - Total For Project				
						Prog Con	Prog RW	PE		
61	Active	06/02/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	33	777,973				
60	Official	05/04/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	31	775,128				
59	Official	03/21/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	28	919,698				
58	Official	12/11/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	23	932,940				
57	Official	09/08/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	18	932,868				
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55	Official	06/02/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	12	963,867				
54	Official	04/08/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	8	962,902				
53	Official	03/18/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	7	960,075				
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 1 of 5				PE						
				RW						
• Fund Type: Bridge - State (HBRR)				CON	43,975					43,975
• Funding Agency: N/A				TOTAL	43,975					43,975
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 2 of 5				PE						
				RW						
• Fund Type: State Cash				CON	5,640					5,640
• Funding Agency: N/A				TOTAL	5,640					5,640
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 3 of 5				PE						
				RW						
• Fund Type: SHOPP Advance Construction (AC)				CON	278,578	58,221	68,602	116,521	123,154	645,076
• Funding Agency: Caltrans				TOTAL	278,578	58,221	68,602	116,521	123,154	645,076
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 4 of 5				PE						
				RW						
• Fund Type: State Cash				CON	19,561					19,561
• Funding Agency: Caltrans				TOTAL	19,561					19,561
• SHOPP - Bridge Preservation -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
• Fund Source 5 of 5				PE						
				RW						
• Fund Type: ARRA - SHOPP				CON	63,721					63,721
• Funding Agency: N/A				TOTAL	63,721					63,721
<b>Project Total</b>										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
							<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>
				PE						
				RW						
				CON	411,475	58,221	68,602	116,521	123,154	777,973
				TOTAL	411,475	58,221	68,602	116,521	123,154	777,973

**Comments:**

- \*\*\*\*\* Version 61 - 06/02/2016 \*\*\*\*\* Modify funding and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 60 - 05/03/2016 \*\*\*\*\*Modify funding consistent with the adopted 2016 SHOPP and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 59 - 03/21/2016 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 58 - 12/03/2015 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 57 - 09/08/2015 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 56 - 07/08/2015 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen
- \*\*\*\*\* Version 55 - 06/01/2015 \*\*\*\*\*Modify funding and add new projects on the detailed backup listing. -Igreen
- \*\*\*\*\* Version 54 - 04/06/2015 \*\*\*\*\*Modify funding, schedule and revises the detailed backup listing -Igreen
- \*\*\*\*\* Version 53 - 03/18/2015 \*\*\*\*\*Modify funding, schedule and revises the detailed backup listing -Igreen
- \*\*\*\*\* Version 52 - 02/06/2015 \*\*\*\*\*Modify funding, schedule and revises the detailed backup listing -Igreen
- \*\*\*\*\* Version 51 - 01/14/2015 \*\*\*\*\*Modify funding, schedule and revises the detailed backup listing -Igreen

**2015 FSTIP  
Rural Non-MPO Areas  
Grouped Project List for Bridge Rehabilitation and Reconstruction  
SHOPP Bridge Preservation Program**

**Proj 2 - CURRENT  
Detailed Backup Project Listing**

as of Admin Modification #33

**CTIPS ID: 230-0000-0065**  
(Cost x \$1,000)

Dist	County	Route	EA	Description	FY 14/15	FY 15/16	FY 16/17	FY 17/18	Total	Comments
1	DN	101	43640	Near Crescent City from 0.2 mile north of the Smith River Overflow Bridge. Replace bridge.			71,568	-	<b>71,568</b>	2016 SHOPP
1	DN	VAR	0A100	In Del Norte County, on Route 101 at Railroad Avenue Overcrossing No. 01-0063, Smith River Overflow Bridge No. 01-0046, Rowdy Creek Bridge No. 01-0023; also on Route 199, at Route 199/101 Connector Overcrossing No. 01-0058F.	-	5,005	-	-	<b>5,005</b>	Admin Mod 14 - modify cost. SHOPP Amend 14H-448
1	HUM	96	0E100	Near Hoopa, on Route 96, at Trinity River Bridge No. 04-0137; also near Arcata, on Route 101, at Arcata Overhead No. 04-0079R. Clean, spot blast and repaint bridges.			3,231	-	<b>3,231</b>	2016 SHOPP
1	HUM	101	0A110	Near Fortuna, at South Fork Eel River Bridge No. 04-0123 and Eel River Bridge No. 04-0016R. Seismic retrofit.			-	9,327	<b>9,327</b>	2016 SHOPP
1	HUM	101	0E230	Near Scotia, at Eel River Overhead No. 04-0014. Rehabilitate bridge deck.	3,223	-	-	-	<b>3,223</b>	Admin Mod 7 - Modify cost
1	HUM	254	43060	Near Phillipsville, from Ohman Creek Bridge to Bear Creek Bridge at various locations. Replace bridge rails and widen shoulder.	-	7,509	-	-	<b>7,509</b>	Admin Mod 14 - modify cost. SHOPP Amend 14H-448
1	HUM	283	0E840	In and near Scotia and Rio Dell, at Eel River Overhead No. 04-0015. Place methacrylate overlay, spot blast, clean, and paint steel bridge members.			6,135	-	<b>6,135</b>	2016 SHOPP
1	LAK	29	38560	Near Middletown, at St. Helena Creek Bridge No.14-0052. Scour prevention.	857	-	-	-	<b>857</b>	
1	MEN	1	0E200	In Mendocino County at Albion River Bridge No. 10-0136, Russian Gulch Bridge No. 10-0151, and Ten Mile River Bridge No. 10-274. Repair bridge decks and strengthen		3,182			<b>3,182</b>	Admin Mod 28 - add new project SHOPP Amend 14H-495
1	MEN	1	43480	In and near Fort Bragg at Little River Bridge No. 10-0178, at Jack Peters Bridge No. 10-0150, at Russian Gulch Bridge No. 10-0151, and at Pudding Creek Bridge No. 10-0158. Upgrade and replace barrier rails			-	25,409	<b>25,409</b>	2016 SHOPP
1	MEN	101	0C370	Near Leggett, at Cedar Creek Arch Culvert. Repair arched culvert bridge.	-	5,157	-	-	<b>5,157</b>	
1	MEN	101	29302	Near Willits at South Willits Overhead #10-1. Bridge rail replacement.	-	3,276	-	-	<b>3,276</b>	Admin Mod 1 - Modify project location/description and cost per SHOPP Amend 14H-0258
1	MEN	271	0A840	Near Piercy, from 0.7 mile north of Routes 271/101 separation Bridge No. 10-0217 to 0.4 mile south of Sidehill Viaduct No. 10-0100. Replace bridge.			-	8,873	<b>8,873</b>	2016 SHOPP
1	MEN	VAR	0C430	On Route 101, in Willits; On Route 128, 34.1 miles west of Ukiah; also on Route 20, 8.5 miles east of Route 101/20 Junction. Scour mitigation.			2,110	-	<b>2,110</b>	2016 SHOPP
1	MEN	VAR	0E240	In Mendocino County, at various routes and at various locations. Mitigate environmental impacts.			-	5,776	<b>5,776</b>	2016 SHOPP
2	LAS	36	4F560	Near Westwood, at Goodrich Creek Bridge No. 07-0048. Replace bridge.			-	4,645	<b>4,645</b>	2016 SHOPP
2	MOD	299	4F210	Near Adin, at Butte Creek Bridge No. 03-001 and at Ash Creek Bridge No. 03-002. Replace bridges.			-	8,357	<b>8,357</b>	2016 SHOPP
2	MOD	299	4F570	Near Canby, at Caldwell Creek Bridge No. 03-0028. Replace bridge.			-	4,045	<b>4,045</b>	Admin Mod 33 - Modify funding. SHOPP Amend 16H-001
2	PLU	70	1C750	Near Belden, at Yellow Creek Bridge No. 09-0008. Replace bridge.			13,420	-	<b>13,420</b>	2016 SHOPP
2	PLU	70	2C090	Near Quincy, from 0.6 mile west to 0.5 mile east of Spring Garden Bridge Overhead. Replace bridge.	-	17,670	-	-	<b>17,670</b>	Admin Mod 7 - Modify cost
2	PLU	89	0E180	Near Canyon Dam, at Lake Almanor Spillway. Replace bridge.			13,360	-	<b>13,360</b>	2016 SHOPP
2	PLU	147	4E640	Near Canyon Dam, from 0.1 mile south to 0.4 mile north of Hamilton Branch Bridge. Replace bridge.	13,492	-	-	-	<b>13,492</b>	Admin Mod 12 - Modify cost. SHOPP Amend 14H-143
2	SIS	3	4G440	North of Fort Jones from 0.3 mile south to 0.3 mile north of West Moffett Creek Road at Moffett Creek Bridge No 02-0042. Bridge replacement			-	2,120	<b>2,120</b>	Admin Mod 33 - Add new project. Long lead approved list 3.16.16. Program support only. Total project cost \$7.8M.
2	SIS	5	3E730	Near Yreka, at Hilt Road Overcrossing No. 02-0130. Replace bridge.	9,656	-	-	-	<b>9,656</b>	Admin Mod 3 - Modify cost. SHOPP Amend 14H-305
2	SIS	5	4F540	Near Weed, from south of Deetz Road Undercrossing No. 02-0161 to north of Black Butte Overhead No. 02-0004. Bridge replacement.			-	12,598	<b>12,598</b>	2016 SHOPP
2	SIS	5	4F58U	Near Hornbrook, from Klamath River Road Undercrossing to 0.4 mile north of Klamath River Road Undercrossing. Rail upgrade and bridge deck rehabilitation.	-	10,453		-	<b>10,453</b>	Admin Mod 12 - Modify cost and schedule. SHOPP Amend 14H-143
2	SIS	5	4G240	Near Edgewood, from 0.4 mile south to 0.4 mile north of North Edgewood Overhead No. 02-0032L&R. Strengthen and upgrade bridges.			6,697	-	<b>6,697</b>	2016 SHOPP
2	SIS	89	4F550	Near McCloud, at Mud Creek Bridge No. 02-0046. Replace bridge.			-	4,521	<b>4,521</b>	2016 SHOPP
2	SIS	96	4E650	Near Seiad Valley, at various locations from Slater Butte Road to 0.1 mile west of Beaver Creek Bridge. Upgrade bridge rail.	-	16,350	-	-	<b>16,350</b>	Admin Mod 8 - Modify cost. SHOPP Amend 14H-386
2	SIS	263	2E480	Near Yreka, at Klamath River Bridge. Replace bridge.			-	14,310	<b>14,310</b>	2016 SHOPP
3	GLE	5	0F370	Near Willows, from County Road 16 overcrossing to County Road 3 overcrossing. Lower vertical profile of Route 5 under structures.	11,509	-	-	-	<b>11,509</b>	Admin Mod 8 - Modify cost. SHOPP Amend 14H-386
10	TUO	120	0L970	Near Moccasin, east of Yosemite Junction at James E. Roberts Memorial Bridge No. 32-0018. Replace deck and retrofit bridge.	19,484	-	-	-	<b>19,484</b>	

**2015 FSTIP  
Rural Non-MPO Areas  
Grouped Project List for Bridge Rehabilitation and Reconstruction  
SHOPP Bridge Preservation Program**

as of Admin Modification #33

CTIPS ID: 230-0000-0065  
(Cost x \$1,000)

Dist	County	Route	EA	Description	FY 14/15	FY 15/16	FY 16/17	FY 17/18	Total	Comments
1	DN	101	0F310	Near the Smith River community, at Dominie Creek. Replace box culvert with new bridge and remediate fish passage barrier.				2,209	<b>2,209</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$10M
1	HUM	101	0E000	Near Eureka, at various locations from 0.2 miles south of Eureka Slough Bridge to 0.2 miles north of Gannon Slough Bridge. Upgrade bridge rails and replace bridge.				2,614	<b>2,614</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 18/19. Total project cost \$8M
1	HUM	96	0A120	In Humboldt County on Routes 96 and 101 at various locations. Seismic retrofit 3 bridges.				3,275	<b>3,275</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$12.654M
1	HUM	101	0F200	In Eureka at the Eureka Slough Bridge No. 04-0022L. Seismic retrofit.				2,283	<b>2,283</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$11.096M
1	LAK	20	0E080	In Lake County on Routes 20, 29 and 175 at various locations. Replace and upgrade bridge rails on 5 bridges.				2,079	<b>2,079</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$9.888M
1	MEN	1	0E110	Near Fort Bragg at Elk Creek Bridge No. 10-0120. Replace and upgrade bridge rails.				2,808	<b>2,808</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$12.416M
2	TEH	VAR	4G530	In Tehama County on Routes 5, 32, and 36 at various locations; also in Shasta County on Routes 5 and 44; also in Lassen County on Route 299 at various locations. Bridge scour prevention at 9 bridges.				1,500	<b>1,500</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$3.697M
2	TRI	3	4F220	Near Trinity Center, from north of Preacher Meadows Road to north of El Dorado Way. Replace Swift Creek Bridge No. 05-0059.				2,610	<b>2,610</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$12.820M
2	TRI	299	4F600	In Trinity County on Routes 299 and 36 and in Siskiyou County on Route 96 at various locations. Bridge preventative maintenance at 9 bridges.				2,350	<b>2,350</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$11.203M
10	ALP	88	0X750	Near Markleeville, on Routes 88, 89 and 4 at various locations. Bridge rail upgrade on four bridges.				1,445	<b>1,445</b>	Admin Mod 31 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$7.087M
<b>Total</b>					<b>\$ 58,221</b>	<b>\$ 68,602</b>	<b>\$ 116,521</b>	<b>\$ 123,154</b>	<b>\$ 366,498</b>	

\* Highlighted denotes recent addition/revision to back-up listing

(Dollars in Thousands)

State Highway System

DIST: PPNO: EA:	CTIPS ID:	TITLE (DESCRIPTION):	MPO Aprv: 05/05/2016
VA	230-0000-0066	Grouped Projects for Safety Improvement - SHOPP Collision Reduction	State Aprv: 05/05/2016
CT PROJECT ID:	MPO ID:	(Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 & 3,Railroad/highway crossing,Hazard elimination program,Safer non-Federal-aid system roads,Shoulder improvements etc.)	Federal Aprv: 05/17/2016
	SH_COLRED		
COUNTY:	ROUTE: PM:		EPA TABLE II or III EXEMPT CATEGORY:
Various Counties	VAR		

IMPLEMENTING AGENCY: Caltrans

PROJECT MANAGER:

PHONE:

EMAIL:

PROJECT VERSION HISTORY (Printed Version is Shaded)

Version	Status	Official Date	Updated By	Change Reason	Amend No.	Dollars in Thousands - Total For Project				
						Prog Con	Prog RW	PE		
82	Official	05/05/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	30	1,001,272				
81	Official	03/21/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	28	978,958				
80	Official	01/06/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	25	978,410				
79	Official	11/23/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	22	977,785				
78	Official	07/17/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	14	965,500				
77	Official	06/22/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	13	957,412				
76	Official	05/06/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	10	940,950				
75	Official	04/08/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	8	934,013				
74	Official	02/10/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	5	928,315				
* SHOPP - Collision Reduction -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
						<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>	
* Fund Source 1 of 9			PE							
			RW							
* Fund Type: Interstate Maintenance			CON			140,838				140,838
* Funding Agency: N/A			TOTAL			140,838				140,838
* SHOPP - Collision Reduction -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
						<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>	
* Fund Source 2 of 9			PE							
			RW							
* Fund Type: State Cash			CON			49,791				49,791
* Funding Agency: N/A			TOTAL			49,791				49,791
* SHOPP - Collision Reduction -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
						<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>	
* Fund Source 3 of 9			PE							
			RW							
* Fund Type: National Hwy System			CON			1,216				1,216
* Funding Agency: N/A			TOTAL			1,216				1,216
* SHOPP - Collision Reduction -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
						<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>	
* Fund Source 4 of 9			PE							
			RW							
* Fund Type: SHOPP Advance Construction (AC)			CON			411,589	52,319	66,678	46,549	213,957
* Funding Agency: N/A			TOTAL			411,589	52,319	66,678	46,549	213,957
* CT Minor Pgm. -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
						<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>	
* Fund Source 5 of 9			PE							
			RW							
* Fund Type: National Hwy System			CON			2,851				2,851
* Funding Agency: N/A			TOTAL			2,851				2,851
* CT Minor Pgm. -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
						<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>	
* Fund Source 6 of 9			PE							
			RW							
* Fund Type: State Cash			CON			369				369
* Funding Agency: N/A			TOTAL			369				369
* SHOPP - Collision Reduction -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
						<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>	
* Fund Source 7 of 9			PE							
			RW							
* Fund Type: ARRA - SHOPP			CON			6,415				6,415
* Funding Agency: Alameda Contra Costa Transit District			TOTAL			6,415				6,415
* Other Fed -										
						<u>PRIOR</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
						<u>18/19</u>	<u>19/20</u>	<u>BEYOND</u>	<u>TOTAL</u>	
* Fund Source 8 of 9			PE							
			RW							
* Fund Type: Office of Traffic Safety - Repeat Intoxicated Trans			CON			7,000				7,000
* Funding Agency: N/A			TOTAL			7,000				7,000

**Rural Non-MPO - Federal Transportation Improvement Program**

**(Dollars in Thousands)**

**State Highway System**

DIST: PPNO: EA:	CTIPS ID:	TITLE (DESCRIPTION):	MPO Aprv: 05/05/2016
VA	230-0000-0066	Grouped Projects for Safety Improvement - SHOPP Collision Reduction	State Aprv: 05/05/2016
CT PROJECT ID:	MPO ID:	(Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 &	Federal Aprv: 05/17/2016
	SH_COLRED	3,Railroad/highway crossing,Hazard elimination program,Safer	
COUNTY:	ROUTE:	PM:	EPA TABLE II or III EXEMPT CATEGORY:
Various Counties	VAR		

IMPLEMENTING AGENCY: Caltrans

PROJECT MANAGER:

PHONE:

EMAIL:

	PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Demo -									
• Fund Source 9 of 9	PE								
• Fund Type: Demonstration - TEA21	RW								
• Funding Agency: N/A	CON	1,700							1,700
	TOTAL	1,700							1,700

**Project Total**

	PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
	PE								
	RW								
	CON	621,769	52,319	66,678	46,549	213,957			1,001,272
	TOTAL	621,769	52,319	66,678	46,549	213,957			1,001,272

**Comments:**

\*\*\*\*\* Version 82 - 04/19/2016 \*\*\*\*\*Modify funding and revise the detailed backup listing. -lgreen  
 \*\*\*\*\* Version 81 - 03/21/2016 \*\*\*\*\*Modify funding and revise the detailed backup listing. -lgreen  
 \*\*\*\*\* Version 80 - 01/06/2016 \*\*\*\*\*Modify funding and revises the detailed backup listing -lgreen  
 \*\*\*\*\* Version 79 - 11/05/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -lgreen  
 \*\*\*\*\* Version 78 - 07/08/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -lgreen  
 \*\*\*\*\* Version 77 - 06/01/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -lgreen  
 \*\*\*\*\* Version 76 - 05/05/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -lgreen  
 \*\*\*\*\* Version 75 - 04/06/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -lgreen  
 \*\*\*\*\* Version 74 - 02/06/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -lgreen  
 \*\*\*\*\* Version 73 - 12/17/2014 \*\*\*\*\*  
 Modify funding and revises the detailed backup listing -lgreen  
 \*\*\*\*\* Version 1 - 07/24/14 \*\*\*\*\*  
 Project data transfered from 2012 FTIP.  
 \*\*\*\*\* Version 69 - 07/11/2014 \*\*\*\*\*Modifies the funding and revises the detailed backup listing. -lgreen  
 \*\*\*\*\* Version 68 - 07/08/2014 \*\*\*\*\*Modifies the funding and revises the detailed backup listing. -lgreen  
 \*\*\*\*\* Version 67 - 06/04/2014 \*\*\*\*\*Modifies the funding in various FYs and revises the detailed backup listing. -lgreen  
 \*\*\*\*\* Version 66 - 05/09/2014 \*\*\*\*\*Modifies the funding; adds one project on the detailed backup listing-lgreen  
 \*\*\*\*\* Version 65 - 04/22/2014 \*\*\*\*\* Modifies the funding and revises the detailed backup listing. Programs PE costs for new 2014 SHOPP projects. lgreen  
 \*\*\*\*\* Version 64 - 11/07/2013 \*\*\*\*\*Modifies the funding and reived the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -lgreen  
 \*\*\*\*\* Version 63 - 10/01/2013 \*\*\*\*\*Modifies the funding and reived the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -lgreen  
 \*\*\*\*\* Version 62 - 08/09/2013 \*\*\*\*\*Modifies the funding and reived the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -lgreen  
 \*\*\*\*\* Version 61 - 07/15/2013 \*\*\*\*\*Modifies the funding and reived the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -lgreen  
 \*\*\*\*\* Version 60 - 06/14/2013 \*\*\*\*\* Modifies the funding and revises the detailed backup listing. -lgreen  
 \*\*\*\*\* Version 59 - 04/04/2013 \*\*\*\*\*Modifies the funding and adds one project on the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -lgreen  
 \*\*\*\*\* Version 58 - 01/30/2013 \*\*\*\*\* Modifies the funding and adds one project on the detailed backup listing. Add \$1.7 of Demo-HPP funds for EA 02-2E350. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -lgreen  
 \*\*\*\*\* Version 57 - 12/14/2012 \*\*\*\*\*Modifies the funding and adds one project on the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -lgreen  
 \*\*\*\*\* DFTIP Version 1 - 09/07/2012 \*\*\*\*\*  
 Carry over project to 2013 FSTIP -lgreen  
 \*\*\*\*\* Version 53 - 08/09/2012 \*\*\*\*\*Modifies the funding and revises the detailed grouped project listing. -lgreen  
 \*\*\*\*\* Version 52 - 07/10/2012 \*\*\*\*\* Modifies the funding of the detailed grouped project listing and adds new projects. -lgreen  
 \*\*\*\*\* Version 51 - 06/06/2012 \*\*\*\*\*Modifies the funding and updates the projects in the grouped project listing. Programs PE phase only for projects programmed in FY 14/15 and 15/16 SHOPP Amendment.  
 \*\*\*\*\* Version 50 - 05/09/2012 \*\*\*\*\*Modifies the funding and updates the projects in the grouped project listing. Programs PE phase only for projects programmed in FY 14/15 and 15/16 of the 2012 SHOPP approved by HQ  
 Prog Mgt. Changes the fund source from State Cash to SHOPP AC using toll credits as match. -lgreen  
 \*\*\*\*\* Version 49 - 04/23/2012 \*\*\*\*\*Add one project to the detailed grouped project listing. -lgreen  
 \*\*\*\*\* Version 48 - 03/08/2012 \*\*\*\*\*Modify funding of one project on the grouped project listing. -lgreen

DIST: PPNO: EA:	CTIPS ID:	TITLE (DESCRIPTION):	MPO Aprv:
VA	230-0000-0066	Grouped Projects for Safety Improvement - SHOPP Collision Reduction	State Aprv:
CT PROJECT ID:	MPO ID:	(Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 & 3, Railroad/highway crossing, Hazard elimination program, Safer non-Federal-aid system roads, Shoulder improvements etc.)	Federal Aprv:
	SH_COLRED		
COUNTY:	ROUTE: PM:		EPA TABLE II or III EXEMPT CATEGORY:
Various Counties	VAR		

IMPLEMENTING AGENCY: Caltrans

PROJECT MANAGER:

PHONE:

EMAIL:

**PROJECT VERSION HISTORY** (Printed Version is Shaded)

Version	Status	Official Date	Updated By	Change Reason	Amend No.	Dollars in Thousands - Total For Project							
						Prog Con	Prog RW	PE					
83	Active	06/02/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	33	1,010,766							
82	Official	05/05/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	30	1,001,272							
81	Official	03/21/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	28	978,958							
80	Official	01/06/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	25	978,410							
79	Official	11/23/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	22	977,785							
78	Official	07/17/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	14	965,500							
77	Official	06/22/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	13	957,412							
76	Official	05/06/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	10	940,950							
75	Official	04/08/2015	MPOGREEN	Amendment - Cost/Scope/Sch. Change	8	934,013							
* SHOPP - Collision Reduction -													
					PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
* Fund Source 1 of 9													
					PE								
* Fund Type: Interstate Maintenance													
					RW								
					CON	140,838							140,838
* Funding Agency: N/A													
					TOTAL	140,838							140,838
* SHOPP - Collision Reduction -													
					PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
* Fund Source 2 of 9													
					PE								
* Fund Type: State Cash													
					RW								
					CON	49,791							49,791
* Funding Agency: N/A													
					TOTAL	49,791							49,791
* SHOPP - Collision Reduction -													
					PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
* Fund Source 3 of 9													
					PE								
* Fund Type: National Hwy System													
					RW								
					CON	1,216							1,216
* Funding Agency: N/A													
					TOTAL	1,216							1,216
* SHOPP - Collision Reduction -													
					PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
* Fund Source 4 of 9													
					PE								
* Fund Type: SHOPP Advance Construction (AC)													
					RW								
					CON	411,589	52,319	66,678	49,391	220,609			800,586
* Funding Agency: N/A													
					TOTAL	411,589	52,319	66,678	49,391	220,609			800,586
* CT Minor Pgm. -													
					PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
* Fund Source 5 of 9													
					PE								
* Fund Type: National Hwy System													
					RW								
					CON	2,851							2,851
* Funding Agency: N/A													
					TOTAL	2,851							2,851
* CT Minor Pgm. -													
					PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
* Fund Source 6 of 9													
					PE								
* Fund Type: State Cash													
					RW								
					CON	369							369
* Funding Agency: N/A													
					TOTAL	369							369
* SHOPP - Collision Reduction -													
					PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
* Fund Source 7 of 9													
					PE								
* Fund Type: ARRA - SHOPP													
					RW								
					CON	6,415							6,415
* Funding Agency: Alameda Contra Costa Transit District													
					TOTAL	6,415							6,415
* Other Fed -													
					PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
* Fund Source 8 of 9													
					PE								
* Fund Type: Office of Traffic Safety - Repeat Intoxicated Trans													
					RW								
					CON	7,000							7,000
* Funding Agency: N/A													
					TOTAL	7,000							7,000

**Rural Non-MPO - Federal Transportation Improvement Program**

**(Dollars in Thousands)**

**State Highway System**

DIST: PPNO: EA:	CTIPS ID:	TITLE (DESCRIPTION):	MPO Aprv:
VA	230-0000-0066	Grouped Projects for Safety Improvement - SHOPP Collision Reduction (Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 & 3,Railroad/highway crossing,Hazard elimination program,Safer non-Federal-aid system roads,Shoulder improvements etc.)	State Aprv:
CT PROJECT ID:	MPO ID:		Federal Aprv:
	SH_COLRED		
COUNTY:	ROUTE:	PM:	EPA TABLE II or III EXEMPT CATEGORY:
Various Counties	VAR		

IMPLEMENTING AGENCY: Caltrans

PROJECT MANAGER:

PHONE:

EMAIL:

	PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Demo -									
• Fund Source 9 of 9									
• Fund Type: Demonstration - TEA21									
• Funding Agency: N/A									
	PE								
	RW								
	CON	1,700							1,700
	TOTAL	1,700							1,700

**Project Total**

	PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
	PE								
	RW								
	CON	621,769	52,319	66,678	49,391	220,609			1,010,766
	TOTAL	621,769	52,319	66,678	49,391	220,609			1,010,766

**Comments:**

\*\*\*\*\* Version 83 - 06/02/2016 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen  
 \*\*\*\*\* Version 82 - 04/19/2016 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen  
 \*\*\*\*\* Version 81 - 03/21/2016 \*\*\*\*\*Modify funding and revise the detailed backup listing. -Igreen  
 \*\*\*\*\* Version 80 - 01/06/2016 \*\*\*\*\*Modify funding and revises the detailed backup listing -Igreen  
 \*\*\*\*\* Version 79 - 11/05/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -Igreen  
 \*\*\*\*\* Version 78 - 07/08/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -Igreen  
 \*\*\*\*\* Version 77 - 06/01/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -Igreen  
 \*\*\*\*\* Version 76 - 05/05/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -Igreen  
 \*\*\*\*\* Version 75 - 04/06/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -Igreen  
 \*\*\*\*\* Version 74 - 02/06/2015 \*\*\*\*\*Modify funding and revises the detailed backup listing -Igreen  
 \*\*\*\*\* Version 73 - 12/17/2014 \*\*\*\*\*  
 Modify funding and revises the detailed backup listing -Igreen  
 \*\*\*\*\* Version 1 - 07/24/14 \*\*\*\*\*  
 Project data transfered from 2012 FTIP.  
 \*\*\*\*\* Version 69 - 07/11/2014 \*\*\*\*\*Modifies the funding and revises the detailed backup listing. -Igreen  
 \*\*\*\*\* Version 68 - 07/08/2014 \*\*\*\*\*Modifies the funding and revises the detailed backup listing. -Igreen  
 \*\*\*\*\* Version 67 - 06/04/2014 \*\*\*\*\*Modifies the funding in various FYs and revises the detailed backup listing. -Igreen  
 \*\*\*\*\* Version 66 - 05/09/2014 \*\*\*\*\*Modifies the funding; adds one project on the detailed backup listing-Igreen  
 \*\*\*\*\* Version 65 - 04/22/2014 \*\*\*\*\* Modifies the funding and revises the detailed backup listing. Programs PE costs for new 2014 SHOPP projects. Igreen  
 \*\*\*\*\* Version 64 - 11/07/2013 \*\*\*\*\*Modifies the funding and reivsed the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -Igreen  
 \*\*\*\*\* Version 63 - 10/01/2013 \*\*\*\*\*Modifies the funding and reivsed the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -Igreen  
 \*\*\*\*\* Version 62 - 08/09/2013 \*\*\*\*\*Modifies the funding and reivsed the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -Igreen  
 \*\*\*\*\* Version 61 - 07/15/2013 \*\*\*\*\*Modifies the funding and reivsed the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -Igreen  
 \*\*\*\*\* Version 60 - 06/14/2013 \*\*\*\*\* Modifies the funding and revises the detailed backup listing. -Igreen  
 \*\*\*\*\* Version 59 - 04/04/2013 \*\*\*\*\*Modifies the funding and adds one project on the detailed backup listing. To access latest Grouped list go to  
[http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -Igreen  
 \*\*\*\*\* Version 58 - 01/30/2013 \*\*\*\*\* Modifies the funding and adds one project on the detailed backup listing. Add \$1.7 of Demo-HPP funds for EA 02-2E350. To access latest Grouped list go to  
[http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -Igreen  
 \*\*\*\*\* Version 57 - 12/14/2012 \*\*\*\*\*Modifies the funding and adds one project on the detailed backup listing. To access latest Grouped list go to [http://www.dot.ca.gov/hq/transprog/federal/ftip\\_amendments/2013\\_rural\\_grplist.htm](http://www.dot.ca.gov/hq/transprog/federal/ftip_amendments/2013_rural_grplist.htm)  
 -Igreen  
 \*\*\*\*\* DFTIP Version 1 - 09/07/2012 \*\*\*\*\*  
 Carry over project to 2013 FSTIP -Igreen  
 \*\*\*\*\* Version 53 - 08/09/2012 \*\*\*\*\*Modifies the funding and revises the detailed grouped project listing. -Igreen  
 \*\*\*\*\* Version 52 - 07/10/2012 \*\*\*\*\* Modifies the funding of the detailed grouped project listing and adds new projects. -Igreen  
 \*\*\*\*\* Version 51 - 06/06/2012 \*\*\*\*\*Modifies the funding and updates the projects in the grouped project listing. Programs PE phase only for projects programmed in FY 14/15 and 15/16 SHOPP Amendment.  
 \*\*\*\*\* Version 50 - 05/09/2012 \*\*\*\*\*Modifies the funding and updates the projects in the grouped project listing. Programs PE phase only for projects programmed in FY 14/15 and 15/16 of the 2012 SHOPP approved by HQ  
 Prog Mgt. Changes the fund source from State Cash to SHOPP AC using toll credits as match. -Igreen  
 \*\*\*\*\* Version 49 - 04/23/2012 \*\*\*\*\*Add one project to the detailed grouped project listing. -Igreen

**2015 FSTIP  
Rural Non-MPO Areas  
Grouped Project List for Safety Improvement  
SHOPP Collision Reduction Program**

**Proj 3 - CURRENT  
Detailed Backup Project Listing**

as of Admin Modification #33

**CTIPS ID: 230-0000-0066**  
(Cost x \$1,000)

Dist	County	Route	EA	Description	FY 14/15	FY 15/16	FY 16/17	FY 17/18	Total	Comments
1	DN	101	0E260	Near Crescent City, from north of Mill Creek Park entrance to south of Humboldt Road. Place dense graded asphalt concrete and high friction surface treatment.	-	9,106	-	-	9,106	
1	DN	101	0C590	In Del Norte and Humboldt counties, on Routes 101, 169, 197 and 199 at various locations. Upgrade metal beam guard rail.			4,278	-	4,278	2016 SHOPP
1	DN	101	0E560	In various counties on various routes, at various locations. Install both centerline and edge line rumble strips.			4,105	-	4,105	2016 SHOPP
1	DN	199	0B260	Near Crescent City, from 0.8 mile north of South Fork Road to 0.2 mile south of Signal Peak Sidehill Viaduct. Widen shoulders.	-	7,763	-	-	7,763	
1	DN	199	0C470	Near Idlewild, south of Collier Tunnel Bridge. Install required public water system in compliance with Federal and State statutes and regulatory requirements.			-	3,042	3,042	2016 SHOPP
1	DN	199	0F190	Near Gasquet, from 0.4 mile north of South Fork Rd to 0.6 mile south of Idlewild Maintenance Station Rd at various locations. Install high friction surface treatment.			2,842		2,842	Admin Mod 33 - Add new project. SHOPP Amend 16H-001
1	HUM	36	0E930	Near Dinsmore, from west of Burr Valley Road to west of Buck Mountain Road. Widen to make lane and shoulder widths standard, realign curves, and improve roadway cross-slope.			8,027	-	8,027	2016 SHOPP
1	HUM	96	49370	In Hoopa, from Loop Road to 0.1 mile west of Hostler Creek Bridge. Shoulder widening.	4,517	-	-	-	4,517	
1	HUM	96	0A990	Near Willow Creek, from 6.2 miles east of Willow Creek to 2.6 miles west of Tish-Tang Campground. Widen shoulders install rumble strips and realign roadway.	-	6,049	-	-	6,049	
1	HUM	96	0B030	Near Willow Creek, from 8.3 miles east of Willow Creek to 0.3 mile west of Shoemaker Road. Widen shoulders, install centerline and shoulder rumble strips, and improve curves.	3,925	-	-	-	3,925	Admin Mod 1 - Modify cost. SHOPP Amend 14H-258
1	HUM	101	0B820	In Humboldt and Mendocino counties, on Routes 20 and 101 at various locations. Upgrade metal beam guard rail.			4,722	-	4,722	2016 SHOPP
1	HUM	101	0C440	Near Trinidad, between PMs 102.9 and 105.2. Install public water system in compliance with Federal and State statutes and regulatory requirements.			-	4,891	4,891	2016 SHOPP
1	HUM	101	0C710	In Eureka, 0.3 mile south to 0.2 mile north of Wabash Avenue. Improve intersections.			-	4,391	4,391	2016 SHOPP
1	HUM	101	0C840	In Lake, Mendocino, Humboldt and Del Norte counties, on Routes 20,36, 101, 175 and 299 at various locations. Upgrade crash cushions.			2,892	-	2,892	2016 SHOPP
1	HUM	299	0A320	Near Willow Creek, from 0.3 mile west to 0.1 mile east of Cedar Creek Road. Curve improvement.	2,527	-	-	-	2,527	Admin Mod 8 - Modify cost. SHOPP Amend 14F-386
1	HUM	299	0A370	Near Willow Creek, from 1.2 to 1.5 miles east of Redwood Creek Bridge. Curve shoulder widening.	-	3,212	-	-	3,212	
1	HUM	299	0A490	Near Willow Creek, from 0.4 mile to 1.1 miles east of Chezem Road. Curve improvement.	-	5,604	-	-	5,604	
1	HUM	299	0A520	Near Blue Lake, from 0.5 mile to 0.9 mile east of Chezem Road. Improve super-elevation, widen shoulders and install centerline ground- in rumble strips.	3,726	-	-	-	3,726	
1	HUM	VAR	46392	In Humboldt County, on Routes 36, 96, 169, 211, 254 and 255 at various locations. Replace metal beam guardrails.	6,448	-	-	-	6,448	Admin Mod 10 - Modify Cost. SHOPP Amend 14H-403
1	LAK	20	0A690	Near Blue Lakes, from 1.1 to 3.9 miles east of Mendocino/Lake County line. Install metal beam guard rail.	2,260	-	-	-	2,260	
1	LAK	20	0C810	Near Clear Lake Oaks, on Route 20, from 0.4 mile west to 0.4 mile east of Route 53; also on Route 53, from 0.3 mile south of Route 20 to Route 20. Install traffic signal or a roundabout.			-	9,081	9,081	2016 SHOPP
1	LAK	29	29811	Near Kelseyville, from north of Route 29/281 Junction to north of Route 29/175 Junction. Improve road condition.			-	42,700	42,700	2016 SHOPP
1	LAK	29	0C750	Near Middletown, from Putah Creek to 0.9 mile south of Hidden Valley Lake. Install traffic signal or a roundabout.			-	9,352	9,352	2016 SHOPP
1	LAK	29	0E640	Near Kelseyville, from 0.1 mile south to 0.1 mile north of Cruickshank Road. Widen for left- turn channelization safety improvements			-	2,262	2,262	2016 SHOPP
1	LAK	175	0A040	Near Middletown, from east of Putah Creek Bridge to Dry Creek Bridge. Widen shoulders.			-	19,962	19,962	2016 SHOPP
1	MEN	20	0E470	Near Calpella, from 0.1 mile west of Cold Creek Bridge to 0.5 mile east of Potter Valley Road. Install safety improvements at the intersection.			-	4,075	4,075	2016 SHOPP
1	MEN	101	0E280	Near Willits, from 0.8 mile north of Willits to Rattlesnake Creek Bridge; also in Humboldt County, from Humboldt County line to 0.4 mile south of Newton B Drury (PM 0.0/125.8). Install ground-in edge line and centerline rumble strips.	-	1,926	-	-	1,926	
1	MEN	101	0C760	Near Hopland, from north of the Russian River Bridge and Overhead to south of Comminsky Station Road. Install median barrier.			5,034	-	5,034	2016 SHOPP
1	MEN	101	0C900	Near Willits, from 0.1 mile south of Reynolds Highway to 0.5 mile south of Ryan Creek Road. Improve road super-elevation.	1,621	-	-	-	1,621	

**2015 FSTIP  
Rural Non-MPO Areas  
Grouped Project List for Safety Improvement  
SHOPP Collision Reduction Program**

as of Admin Modification #33

**CTIPS ID: 230-0000-0066**  
(Cost x \$1,000)

Dist	County	Route	EA	Description	FY 14/15	FY 15/16	FY 16/17	FY 17/18	Total	Comments
2	LAS	139	0H630	Near Susanville, from 1.0 to 0.1 mile south of Antelope Radio Street. Curve improvement.			-	5,492	<b>5,492</b>	2016 SHOPP
2	PLU	70	0H450	Near Belden, from 2.1 miles to 1.6 miles west of Chipps Creek Bridge. Curve Improvement.			-	3,142	<b>3,142</b>	2016 SHOPP
2	SIS	89	0H290	In Siskiyou County, on Route 89 at PM 0.0/34.0 and on Route 97 at PM 5.6/54.1; also in Shasta County, on Route 89 at PM 21.7/43.3. Install rumble strips.	-	2,225	-	-	<b>2,225</b>	Admin Mod 1 - Add new project. SHOPP Amend 14H-232
2	SIS	97	4E680	Near Macdoel, at Grass Lake Safety Roadside Rest Area. Upgrade water and wastewater systems.			-	3,712	<b>3,712</b>	2016 SHOPP
2	TEH	32	0H200	Near Chico, from 0.2 mile west to 0.5 mile east of Diamond Match Haul Road. Curve improvement.			-	4,386	<b>4,386</b>	2016 SHOPP
2	TEH	32	4E900	Near Forest Ranch, from 1.6 miles to 2.2 miles east of Soda Springs Road. Curve improvement.	3,286	-	-	-	<b>3,286</b>	
2	TEH	36	0H110	Near Red Bluff, from Nevis Road to 0.5 mile east of Nevis Road. Improve curve.			-	3,408	<b>3,408</b>	2016 SHOPP
2	TEH	36	4G03U	Near Mineral, from 1.4 miles west of Tramway Road to 0.7 miles west of Diamond Road. Improve curve and install metal beam guardrail.	-	14,986	-	-	<b>14,986</b>	Admin Mod 14 - Modify cost. SHOPP Amend 14H-448.
2	TRI	36	4F860	Near Forest Glen, from 0.5 to 0.1 mile west of Route 3. Curve improvement.			-	9,078	<b>9,078</b>	2016 SHOPP
3	GLE	32	0H710	In Glenn County near Orland and Hamilton City at various locations; also, in Butte County on Route 32 near Chico (PM 0.4/4.6). Install edge line and shoulder rumble strips.		625			<b>625</b>	Admin Mod 25 - Add new project. SHOPP Amend 14H-493
3	GLE	VAR	4F270	In Sacramento and Glenn counties, on Routes 16, 32, 50, 80 and 160 at various locations. Install and /or modify signals and signs.					<b>0</b>	Project included for info only. Programmed in SACOG's MTIP
3	NEV	174	4F370	Near Rollins Lake, from Maple Way to You Bet Road. Realign roadway curves.			-	28,456	<b>28,456</b>	2016 SHOPP
3	NEV	VAR	0H990	In Nevada County on Routes 20 and 174 at various locations; also, in Placer County on Routes 80 and 267 at various locations. Install ground-in centerline and shoulder rumble strips.	-	1,400	-		<b>1,400</b>	Amend 22 - Add new project. SHOPP Amend 14H-493
3	SIE	89	1F260	Near Truckee, from Nevada County line to Little Truckee River Bridge. Construct wildlife Undercrossing.	-	2,790	-		<b>2,790</b>	Amend 13 - Add new project. SHOPP Amend 14H-424
9	INY	6	36460	In Inyo and Mono counties, near Bishop, from north of Silver Canyon Road to north of Pumice Mill Road (Mno-6-0.0/0.8) Widen shoulder and construct rumble strips.			-	6,185	<b>6,185</b>	2016 SHOPP
9	INY	190	35320	In Death Valley National Park near Panamint Springs, east of Panamint Valley Road. Widen shoulders and realign roadway curves.			-	6,680	<b>6,680</b>	2016 SHOPP
9	INY	395	35120	Near Lone Pine, from Rose Valley Ranch Road to north of the Los Angeles Aqueduct Bridge. Widen shoulders, correct roadside slope, and install rumble strip.	4,314	-	-	-	<b>4,314</b>	Admin Mod 1 - Modify cost. SHOPP Amend 14H-235
9	INY	VAR	35690	In Inyo and Mono counties on various routes at various locations. Upgrade bridge approach metal beam guardrail.	-	4,119	-	-	<b>4,119</b>	Admin Mod 14 - Modify cost. SHOPP Amend 14H-447
9	INY	VAR	36610	In Inyo and Mono Counties on various routes at various locations. Install rumble strips and signs at various locations.			917	-	<b>917</b>	2016 SHOPP
9	MNO	395	33500	Near Lee Vining, from 0.4 mile north of National Forest Visitor Center to 0.7 mile north of Picnic Grounds Road. Mitigate Rockfall.	10,626	-	-	-	<b>10,626</b>	Admin Mod 1 - Modify cost. SHOPP Amend 14H-235
9	MNO	395	34940	Near Bridgeport, from north of Devil's Gate Summit to Burcham Flat Road. Widen shoulders and add rumble strip.			-	10,531	<b>10,531</b>	Admin Mod 33 - modify funding. SHOPP Amend 16H-001
9	MNO	395	35080	Near Bridgeport, from Buckeye Road to south of Swauger Road. Widen shoulders and stabilize slopes.			16,574	-	<b>16,574</b>	2016 SHOPP
9	MNO	395	35780	Near Bridgeport, at and near Route 108. Widen shoulders and install rumble strips.			-	7,859	<b>7,859</b>	2016 SHOPP
10	AMA	49	0W360	In Jackson, at French Bar Road. Construct traffic signal and intersection improvements.	1,969	-	-	-	<b>1,969</b>	
10	AMA	VAR	0X350	In Amador and Tuolumne counties, at various locations. Construct shoulder and centerline rumble strips.	1,047	-	-	-	<b>1,047</b>	
10	CAL	26	0V290	Near Valley Springs, at and near St. Andrews Road. Install two-way left turn lane.	3,596	-	-	-	<b>3,596</b>	
10	CAL	26	0V620	In Valley Springs, at Vista Del Lago Drive. Signalize intersection.	-	3,584	-	-	<b>3,584</b>	
10	CAL	26	0Y980	In Calaveras and Amador Counties on Routes 26 and 49 at various locations. Install centerline and shoulder rumble strips.	1,696	-	-	-	<b>1,696</b>	
10	TUO	49	0Y220	In and near Sonora, from north of Bell Mooney Road to north of North Washington Street; also on Route 108 at various locations. Upgrade metal beam guardrail.		3,289	-	-	<b>3,289</b>	Amend 13 - Modify cost and schedule. SHOPP Amend 14H-431
10	TUO	49	1C030	Near Sonora, at Jamestown Road/Main Street; and on Route 108 at Mono Way and at Soulsbyville Road. Upgrade traffic signals, improve sight distance and install vehicle detector loops.	761	-	-	-	<b>761</b>	

**2015 FSTIP  
Rural Non-MPO Areas  
Grouped Project List for Safety Improvement  
SHOPP Collision Reduction Program**

as of Admin Modification #33

**CTIPS ID: 230-0000-0066**  
(Cost x \$1,000)

Dist	County	Route	EA	Description	FY 14/15	FY 15/16	FY 16/17	FY 17/18	Total	Comments
10	TUO	108	1C540	Near Yosemite Junction and Jamestown, from Route 120 to 0.3 mile east of Route 120; also on Route 120 from 0.5 mile east of Obyrnes Ferry Road to 0.1 mile south of Route 108 (PM 11.9/12.2). Upgrade stop-controlled intersection.			-	6,672	<b>6,672</b>	2016 SHOPP
1	HUM	36	0E010	Near Fortuna, from Route 101 to River Bar Road. Shoulder widening.				1,796	<b>1,796</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$13.257M
1	HUM	101	0C970	Near Eureka, from PMs 80.0 to 87.8. Upgrade metal beam guardrail.				810	<b>810</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 18/19. Total project Cost \$1.440M
1	HUM	101	0E650	In Arcata, at Route 299. Realign ramp curve.				1,563	<b>1,563</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$6.160M
1	LAK	1	0E850	In Lake and Mendocino Counties on various routes at various locations. Upgrade guardrail, end treatments, and transition railings to current standards and install vegetation control measures.				1,554	<b>1,554</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 18/19. Total project Cost \$6.713M
1	MEN	1	0C550	Near Albion, from 1.5 miles north of Route 128 to 0.1 mile south of Navarro Ridge Road. Widen for standard shoulders, and install rumble strips and guadrail				948	<b>948</b>	Admin Mod 33 - Add new project. SHOPP Amend 16H-001. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$3.33M
1	MEN	101	0C450	Near Laytonville, at Moss Cove Safety Roadside Rest Area (SRRA); also at Irvine Lodge SRRA (PM 61.8) and Empire Camp SRRA (PM 82.5). Upgrade potable and wastewater systems.				2,625	<b>2,625</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$10.228M
2	LAS	44	1H440	Near Susanville, from 0.3 mile west to 0.4 mile east of Big Springs Road. Curve improvement.				1,129	<b>1,129</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 18/19. Total project cost \$5.175M
2	MOD	299	1H330	Near Cedarville from 0.6 mile west of Cedar Pass Ski Tow Road to Cedar Pass Ski Tow Road. Curve improvement.				1,260	<b>1,260</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 18/19. Total project cost \$5.304M
2	TEH	36	1H740	Near Mineral, from 0.1 mile to 1.2 miels east of Route 89. Curve improvement				1,790	<b>1,790</b>	Admin Mod 33 - Add new project. SHOPP Amend 16H-001. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$7.6M
2	TRI	299	4G500	Near Salyer, from 0.1 mile west to 0.4 mile west of White House Gulch Road. Improve roadside clear recovery zone.				1,770	<b>1,770</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$6.119M
2	TRI	299	4G610	In Trinity County on Route 299 and Route 3 at various locations; also, in Shasta County on Route 299 at PM 2.7. Make worker safety improvements.				1,170	<b>1,170</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 18/19. Total project cost \$4.384M
2	TRI	299	4G620	Near Salyer, at the Francis B. Matthews Safety Roadside Rest Area (SRRA). Upgrade potable water system and wastewater system.				1,330	<b>1,330</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$4.270M
3	GLE	5	4F420	Near Willows, at the Willows Safety Roadside Rest Area (SRRA). Upgrade potable water and wastewater systems.				1,090	<b>1,090</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$6.450M
3	NEV	80	4F600	In and near Truckee, from east of Kingvale Undercrossing to west of Union Mills Bridge and Overhead. Replace guardrail with concrete barrier.				1,070	<b>1,070</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 18/19. Total project cost \$8.152M
3	SIE	49	4F630	In Sierra, Nevada, and El Dorado counties on Routes 49, 89 and 193 at various locations. Upgrade guard rail to current standards.				690	<b>690</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 18/19. Total project cost \$2.760M
9	MNO	395	36470	Near Bridgeport, from Conway Ranch Road to Route 270. Upgrade guardrail to meet current standards.				739	<b>739</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 18/19. Total project csot \$3.566M
9	MNO	395	36070	Near Tom's Place, from 2.4 miles south of Lower Roack Creek road to 0.3 mile north of Lower Rock Creek Road. Widen shoulders, flatten slopes, install ground in rumble strips, reconstruct and install guardrail.				3,444	<b>3,444</b>	Admin Mod 33 - add new long lead project. Program support only; CON year in FY 20/21; Total project cost \$20.351M
10	MPA	140	0Y600	In the community of Mariposa, from Route 49 to 12th Street. Improve pedestrian access facilities to reduce collision severity.				474	<b>474</b>	Amend 30 - 2016 SHOPP. Program PE only. RW and CON programmed in FY 19/20. Total project cost \$2.568M
<b>Total</b>					<b>\$ 52,319</b>	<b>\$ 66,678</b>	<b>\$ 49,391</b>	<b>\$ 220,609</b>	<b>\$ 388,997</b>	

\* Highlighted projects are recent addition/revision to the back-up listing

(Dollars in Thousands)  
Local Highway System

Proj 4 - PRIOR

DIST: 10 PPNO: 10 CT PROJECT ID:	EA: 230-0000-0409 MPO ID: TUO-P&R ROUTE: PM:	<b>CTIPS ID:</b> 230-0000-0409	<b>TITLE (DESCRIPTION):</b> Tuolumne Park and Ride Facility Project (In Tuolumne, near Main Street and Tuolumne Memorial Park. Provide park and ride facility with striped parking spaces, improved lighting and drainage.)	MPO Aprv: 05/06/2015 State Aprv: 05/06/2015 Federal Aprv: 05/06/2015
<b>COUNTY:</b> Tuolumne County				EPA TABLE II or III EXEMPT CATEGORY:

IMPLEMENTING AGENCY: Tuolumne County

PROJECT MANAGER: TANYA ALLEN

PHONE: (209) 533-5633

EMAIL: tallen@co.tuolumne.ca.us

**PROJECT VERSION HISTORY** (Printed Version is Shaded)

Version	Status	Official Date	Updated By	Change Reason	Amend No.	Dollars in Thousands - Total For Project		
						Prog Con	Prog RW	PE
3	Official	05/06/2015	MPOGREEN	Amendment - Other (Explain ==>)	10	238	5	76
2	Official	10/28/2014	MPOGREEN	Adoption - Carry Over		238	5	76
1	Official	03/25/2014	MPOGREEN	Amendment - New Project	26	238	5	76

		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• CMAQ -										
• Fund Source 1 of 2	PE	76								76
• Fund Type: Congestion Mitigation	RW									
• Funding Agency: Tuolumne County Transportation Council	CON									
	TOTAL	76								76

		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Local Funds -										
• Fund Source 2 of 2	PE									
• Fund Type: Local Transportation Funds	RW			5						5
• Funding Agency: Tuolumne County	CON				238					238
	TOTAL			5	238					243

<b>Project Total</b>		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
	PE	76								76
	RW			5						5
	CON				238					238
	TOTAL	76		5	238					319

**Comments:**

\*\*\*\*\* Version 3 - 05/05/2015 \*\*\*\*\*Modify fund sources from CMAQ to Local funds. TUO County will not receive apportionments beginning 15/16. -lgreen

\*\*\*\*\* DTIP Version 1 - 07/22/2014 \*\*\*\*\*carry over project to 2015 FSTIP. -lgreen

\*\*\*\*\* Version 1 - 03/10/2014 \*\*\*\*\*

Add new CMAQ project. Use toll credits as match for PE, RW and CON -lgreen

Emission Reduction: ROG 156 lbs/year; NOx 179 lb/syr; PM10 122 lbs/yr.

(Dollars in Thousands)

Local Highway System

DIST: PPNO: EA:	CTIPS ID:	TITLE (DESCRIPTION):	MPO Aprv:
10	230-0000-0409	Tuolumne Park and Ride Facility Project (In Tuolumne, near Main Street and Tuolumne Memorial Park. Provide park and ride facility with striped parking spaces, improved lighting and drainage.)	State Aprv:
CT PROJECT ID:	MPO ID:		Federal Aprv:
	TUO-P&R		
COUNTY:	ROUTE:	PM:	EPA TABLE II or III EXEMPT CATEGORY:
Tuolumne County			

IMPLEMENTING AGENCY: Tuolumne County

PROJECT MANAGER: TANYA ALLEN

PHONE: (209) 533-5633

EMAIL: tallen@co.tuolumne.ca.us

**PROJECT VERSION HISTORY** (Printed Version is Shaded)

Version	Status	Official Date	Updated By	Change Reason	Amend No.	Dollars in Thousands - Total For Project		
						Prog Con	Prog RW	PE
4	Active	06/02/2016	MPOGREEN	Amendment - Cost/Scope/Sch. Change	33	238	5	28
3	Official	05/06/2015	MPOGREEN	Amendment - Other (Explain ==>)	10	238	5	76
2	Official	10/28/2014	MPOGREEN	Adoption - Carry Over		238	5	76
1	Official	03/25/2014	MPOGREEN	Amendment - New Project	26	238	5	76

• CMAQ -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 1 of 2	PE	28								28
• Fund Type: Congestion Mitigation	RW									
	CON				48					48
• Funding Agency: Tuolumne County Transportation Council	TOTAL	28			48					76

• Local Funds -		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
• Fund Source 2 of 2	PE									
• Fund Type: Local Transportation Funds	RW			5						5
	CON				190					190
• Funding Agency: Tuolumne County	TOTAL			5	190					195

Project Total		PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	BEYOND	TOTAL
	PE	28								28
	RW			5						5
	CON				238					238
	TOTAL	28		5	238					271

**Comments:**

\*\*\*\*\* Version 4 - 06/02/2016 \*\*\*\*\* Reduce PE to \$28k and move \$48K savings to CON per Agency request. Reduce local funds by \$48k. -Igreen  
 \*\*\*\*\* Version 3 - 05/05/2015 \*\*\*\*\*Modify fund sources from CMAQ to Local funds. TUO County will not receive apportionments beginning 15/16. -Igreen  
 \*\*\*\*\* DFTIP Version 1 - 07/22/2014 \*\*\*\*\*carry over project to 2015 FSTIP. -Igreen  
 \*\*\*\*\* Version 1 - 03/10/2014 \*\*\*\*\*  
 Add new CMAQ project. Use toll credits as match for PE, RW and CON -Igreen  
 Emission Reduction: ROG 156 lbs/year; NOx 179 lb/syr; PM10 122 lbs/yr.