



2016 DRAFT SHOPP

STATE HIGHWAY OPERATION AND PROTECTION PROGRAM

Fiscal Years
2016-17 through 2019-20

Prepared by the
**CALIFORNIA DEPARTMENT OF
TRANSPORTATION**

In accordance with Government Code Section 14526.5

November 9, 2015

DEPARTMENT OF TRANSPORTATION

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*Serious Drought.
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November 9, 2015

Executive Directors
Regional Transportation Agencies

I am pleased to provide the Draft 2016 State Highway Operations and Protection Program (SHOPP) Project List for review and discussion. In its simplest terms, the SHOPP is the State's fix-it-first program that funds the preservation and protection of the enormous investment that has been made over many decades to create the State Highway System (SHS). The system includes State owned roadways and bridges, and their supporting infrastructure such as culverts, intelligent transportation systems, and maintenance stations. Most importantly, the SHOPP provides funding to respond to emergency and safety issues. Projects funded by the SHOPP are limited to capital improvements that do not add capacity, such as new highway lanes, to the system. There are several "reserves" within our SHOPP Program for specific, not-yet-identified investments for Emergency, Safety, Mandates, and Advance Environmental Mitigation projects. This broad list of project categories constitute the Draft 2016 SHOPP Project List that is the set of projects which, the California Department of Transportation (Caltrans), is proposing for the next four years to meet safety, emergency, mandates, and fix-it-first needs.

The SHOPP is based on Government Code section 14526.5 and Streets and Highways Code section 164.6. The 2016 SHOPP will be submitted to the California Transportation Commission (Commission) by January 31, 2016, for consideration and adoption by the Commission, most likely in March 2016. Further, the SHOPP is beginning the transition to a full asset management approach, which will be fully implemented in the 2020 SHOPP as required by Senate Bill (SB) 486.

The SHOPP is fiscally constrained, meaning that it cannot program more projects than available funding, about \$2.3 billion per year. The accompanying Draft 2016 SHOPP Project List includes approximately \$2.3 billion in projects each fiscal year through the year 2019/20. Though \$2.3 billion per year is a very large annual investment in the State Highway System, it is not sufficient to meet the approximately \$8 billion in annual need. The \$8 billion is the estimated funding needed to meet system performance targets specified in the 2015 Ten-Year SHOPP Plan to address the safety, emergency, and preservation needs of the entire SHS and its supporting infrastructure.

As individual SHOPP projects are developed and implemented, there are also often opportunities to accomplish additional non-capacity increasing goals such as improving pedestrian access, accommodating bicyclists, reducing air pollutants and greenhouse gas emissions, and responding to SHS impacts to wildlife. Projects included in the Draft 2016 SHOPP Project List have been reviewed to ascertain whether they address these additional needs.

Approximately 45 percent of the non-Interstate Highway projects were found to address bicycling, pedestrian, transit needs, or some combination of those needs as further detailed below. As individual SHOPP projects are developed, they are subject to the California Environmental Quality Act (CEQA), National Environmental Protection Act (NEPA), and other environmental regulations and policies where specific impacts and mitigations are identified.

This Draft 2016 SHOPP Project List is presented during a transitional period, with many related efforts underway:

- A legislative special session has been called by Governor Brown with the charge to enact pay-as-you-go permanent and sustainable funding to adequately and responsibly maintain and repair the State's transportation and other critical infrastructure.
- Caltrans is implementing asset management over three SHOPP cycles, to be fully implemented with the 2020 SHOPP, pursuant to the requirements of SB 486.
- Caltrans is responding to Executive Order B-30-15, Assembly Bill (AB) 32, and other legislative and executive direction to manage and operate transportation programs to achieve the State's greenhouse gas reduction goals.
- Consistent with Executive Order B-30-15 and AB 32, the Draft 2016 SHOPP Project List includes a focus on projects with "complete street" elements, which are those that improve highway facilities for bikers, walkers and transit. Of the 191 projects in the plan on the interstate, 35 (18 percent) include at least one complete street element. Of the 567 projects located on other classes of roadways, 255 (45 percent) are reported with at least one complete street element.
- The Draft 2016 SHOPP Project List includes several projects that begin the implementation of advance mitigation as mentioned in the 2015 Governor's Budget. Advance mitigation is a more comprehensive approach to mitigating unavoidable biological resource impacts potentially caused by state infrastructure projects that produces better biological outcomes and streamlines permitting.

I look forward to working with the Commission, local partners, and other transportation stakeholders as the Draft 2016 SHOPP Project List is finalized and these critical investments move forward to preserve our highway infrastructure. All comments regarding the Draft 2016 SHOPP Project List must be submitted to Caltrans in writing no later than December 15, 2015, to:

Ms. Donna Berry, PE
SHOPP Program Manager
Division of Transportation Programming
Caltrans
1120 N Street, MS-82
Sacramento, CA 95814

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All submitted comments, and corresponding responses by Caltrans, will be included in the final Draft 2016 SHOPP that will be submitted to the Commission late January 2016.

Should you have any further questions, please contact Bruce De Terra, Chief, Division of Transportation Programming, at (916) 654-4013.

Sincerely,



MALCOLM DOUGHERTY
Director

STATE HIGHWAY OPERATION AND PROTECTION PROGRAM (SHOPP) PROGRAM CODES

Categories/Program	Program Code
MAJOR DAMAGE RESTORATION	
Major Damage Restoration	201.130
Permanent Restoration	201.131
COLLISION REDUCTION	
Safety Improvements	201.010
Collision Severity Reduction	201.015
Roadside Safety Improvements	201.235
MANDATES	
Relinquishments	201.160
Railroad/Highway At-Grade Crossing	201.325
Hazardous Waste Mitigation	201.330
Storm Water Mitigation	201.335
Americans with Disability Act New Curb Ramps	201.361
Americans with Disability Act Pedestrian Infrastructure	201.378
BRIDGE PRESERVATION	
Bridge Major Rehabilitation	201.110
Bridge Scour Mitigation	201.111
Bridge Rail Replacement and Upgrade	201.112
Bridge Seismic Restoration	201.113
Bridge Widening	201.114
Bridge Preventative Maintenance	201.119
Transportation Permit Requirements for Bridges	201.322
ROADWAY PRESERVATION	
Roadway Rehabilitation (3R)	201.120
Pavement Rehabilitation (CAPM)	201.121
Roadway Rehabilitation (2R)	201.122
Long-Life Pavement Rehabilitation	201.125
Roadway Protective Betterments	201.150
Drainage System Restoration	201.151
Signs and Lighting Rehabilitation	201.170
MOBILITY	
Operational Improvements	201.310
Transportation Management Systems	201.315
Weigh Stations	201.321
ROADSIDE PRESERVATION	
Highway Planting Restoration	201.210
New Highway Planting	201.220
Roadside Enhancement and Advance Mitigation	201.240
Safety Roadside Rest Area Restoration	201.250
New Safety Roadside Rest Areas	201.260
FACILITIES	
Equipment Facilities	201.351
Maintenance Facilities	201.352
Office Facilities	201.353
Materials Labs	201.354

2016 SHOPP V3.0 Project List Alameda (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones
MAJOR DAMAGE RESTORATION											
13	4.9	In Oakland, at 0.1 mile south of Carson Street. Plant establishment and biological monitoring.	1490H	4J260	0415000355	201.131	2017/18	RW: 0 Const: 200	PA&ED: 0 PS&E: 100 RW: 0 Con: 190	PA&ED: 10/28/2014 RTL: 8/1/2017 RW Cert: 7/15/2017	
								Subtotal:	200	290	
								Total (Capital + Support):	\$490		
<hr/>											
880	2.4	In Fremont, at Warren Avenue. Install pressure grouting.	0070A	1SS43	0412000602	201.131	2016/17	RW: 80 Const: 6,016	PA&ED: 850 PS&E: 950 RW: 64 Con: 1,150	PA&ED: 3/1/2016 RTL: 2/1/2017 RW Cert: 1/9/2017	
								Subtotal:	6,096	3,014	
								Total (Capital + Support):	\$9,110		
<hr/>											
COLLISION REDUCTION											
13	VAR	In various cities, on Routes 13, 61, and 123 at various locations; also in Contra Costa County, on Route 123, at Eureka Avenue. Crosswalk safety enhancements.	0488Q	0J470	0414000003	201.015	2018/19	RW: 260 Const: 3,320	PA&ED: 788 PS&E: 788 RW: 72 Con: 680	PA&ED: 7/3/2017 RTL: 11/1/2018 RW Cert: 11/1/2018	
								Subtotal:	3,580	2,328	
								Total (Capital + Support):	\$5,908		



2016 SHOPP V3.0 Project List Alameda (\$ in thousands)



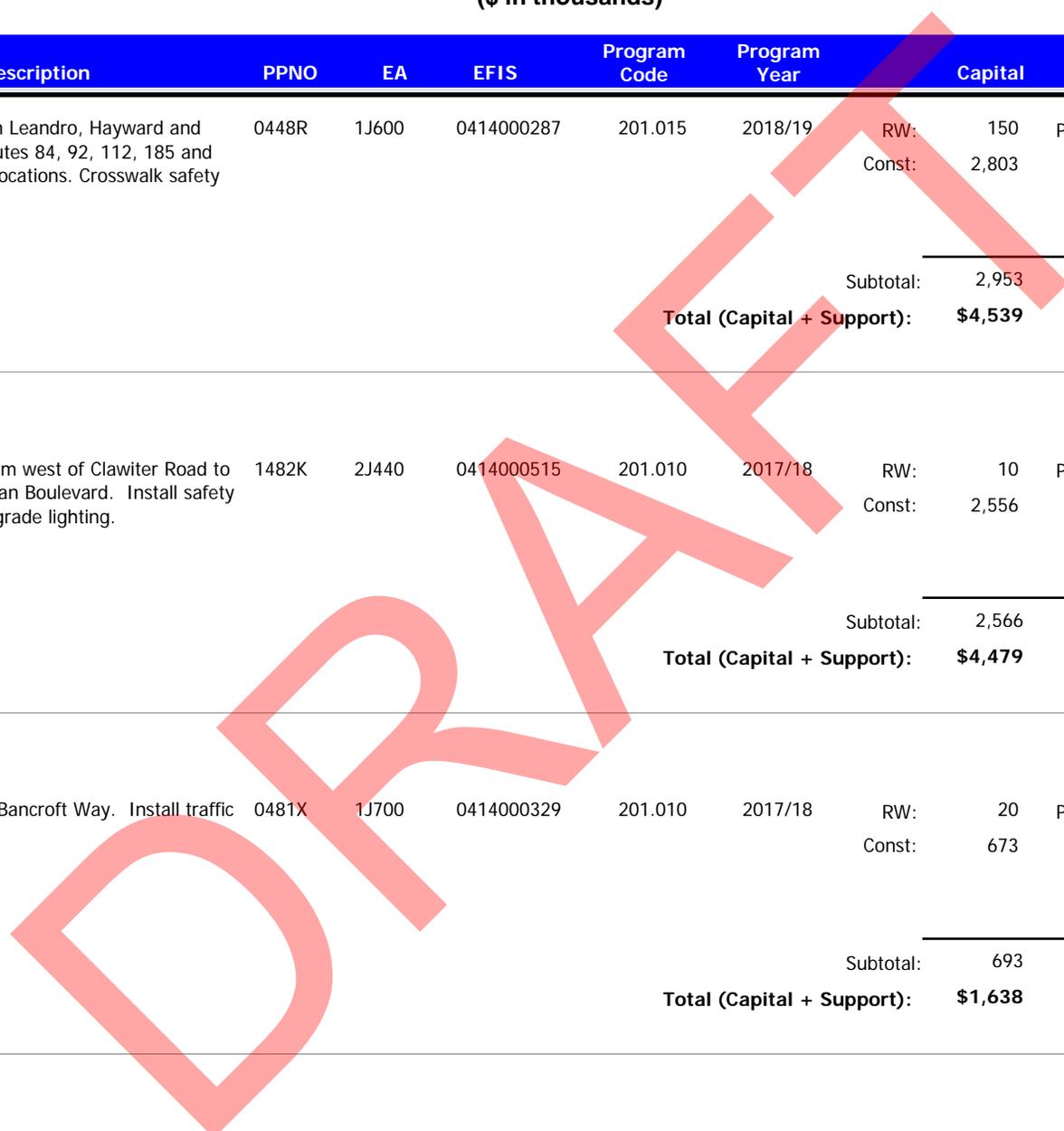
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
13	VAR	In various cities, on various routes, at various locations. Crosswalk safety enhancements.	1487Q	3J110	0415000088	201.015	2018/19	RW:	50	PA&ED:	786	PA&ED:	11/1/2017
								Const:	4,040	PS&E:	1,000	RTL:	6/3/2019
										RW:	214	RW Cert:	2/1/2019
										Con:	572		
								Subtotal:	4,090		2,572		
Total (Capital + Support):								\$6,662					
80	4.6/5.7	In Berkeley, from Potter Street/Ashby Avenue on-ramp to University Avenue off-ramp. Replace metal beam guard rail with concrete barrier.	1003J	4G230	0412000357	201.015	2016/17	RW:	50	PA&ED:	122	PA&ED:	9/15/2015
								Const:	1,800	PS&E:	400	RTL:	9/1/2016
										RW:	100	RW Cert:	8/1/2016
										Con:	400		
								Subtotal:	1,850		1,022		
Total (Capital + Support):								\$2,872					
84	10.8/18.0	In Fremont, from Route 238 (Mission Boulevard) to Route 680. Widen shoulders, install traffic signals and upgrade barriers.	0076B	2A332	0414000039	201.010	2018/19	RW:	2,000	PA&ED:	11,000	PA&ED:	5/31/2016
								Const:	19,500	PS&E:	2,800	RTL:	10/1/2017
										RW:	500	RW Cert:	8/1/2017
										Con:	4,000		
								Subtotal:	21,500		18,300		
Total (Capital + Support):								\$39,800					



**2016 SHOPP V3.0 Project List
Alameda
(\$ in thousands)**



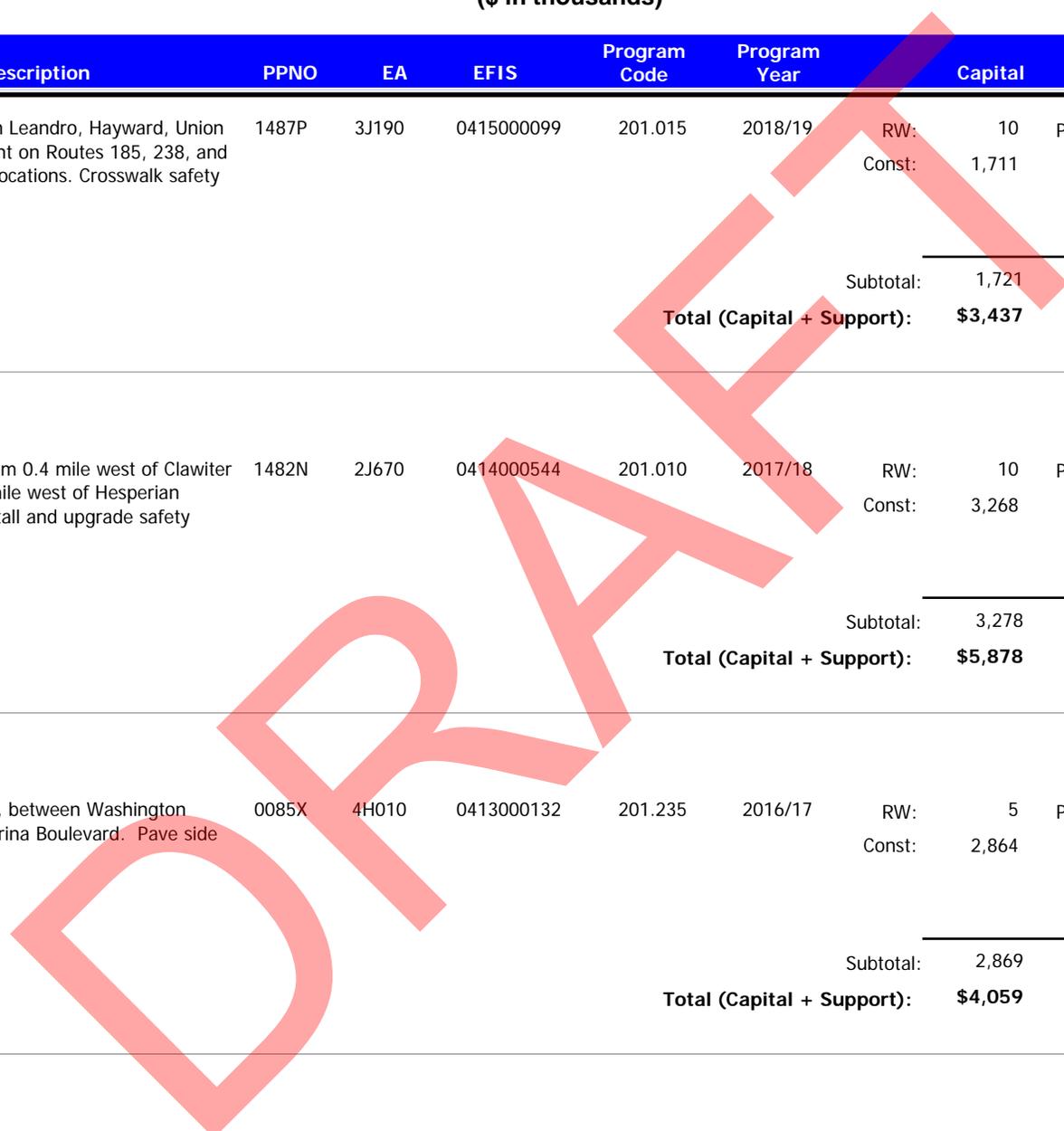
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
84	VAR	In Oakland, San Leandro, Hayward and Fremont on Routes 84, 92, 112, 185 and 238 at various locations. Crosswalk safety enhancements.	0448R	1J600	0414000287	201.015	2018/19	RW:	150	PA&ED:	453	PA&ED:	7/6/2017
								Const:	2,803	PS&E:	657	RTL:	4/5/2019
										RW:	23	RW Cert:	1/15/2019
										Con:	453		
								Subtotal:	2,953		1,586		
Total (Capital + Support):								\$4,539					
92	R4.0/R5.5	In Hayward, from west of Clawiter Road to west of Hesperian Boulevard. Install safety lighting and upgrade lighting.	1482K	2J440	0414000515	201.010	2017/18	RW:	10	PA&ED:	574	PA&ED:	1/9/2016
								Const:	2,556	PS&E:	631	RTL:	2/15/2017
										RW:	77	RW Cert:	1/15/2017
										Con:	631		
								Subtotal:	2,566		1,913		
Total (Capital + Support):								\$4,479					
123	2.8	In Berkeley, at Bancroft Way. Install traffic signal.	0481X	1J700	0414000329	201.010	2017/18	RW:	20	PA&ED:	309	PA&ED:	2/1/2017
								Const:	673	PS&E:	447	RTL:	6/1/2018
										RW:	25	RW Cert:	5/1/2018
										Con:	164		
								Subtotal:	693		945		
Total (Capital + Support):								\$1,638					



**2016 SHOPP V3.0 Project List
Alameda
(\$ in thousands)**



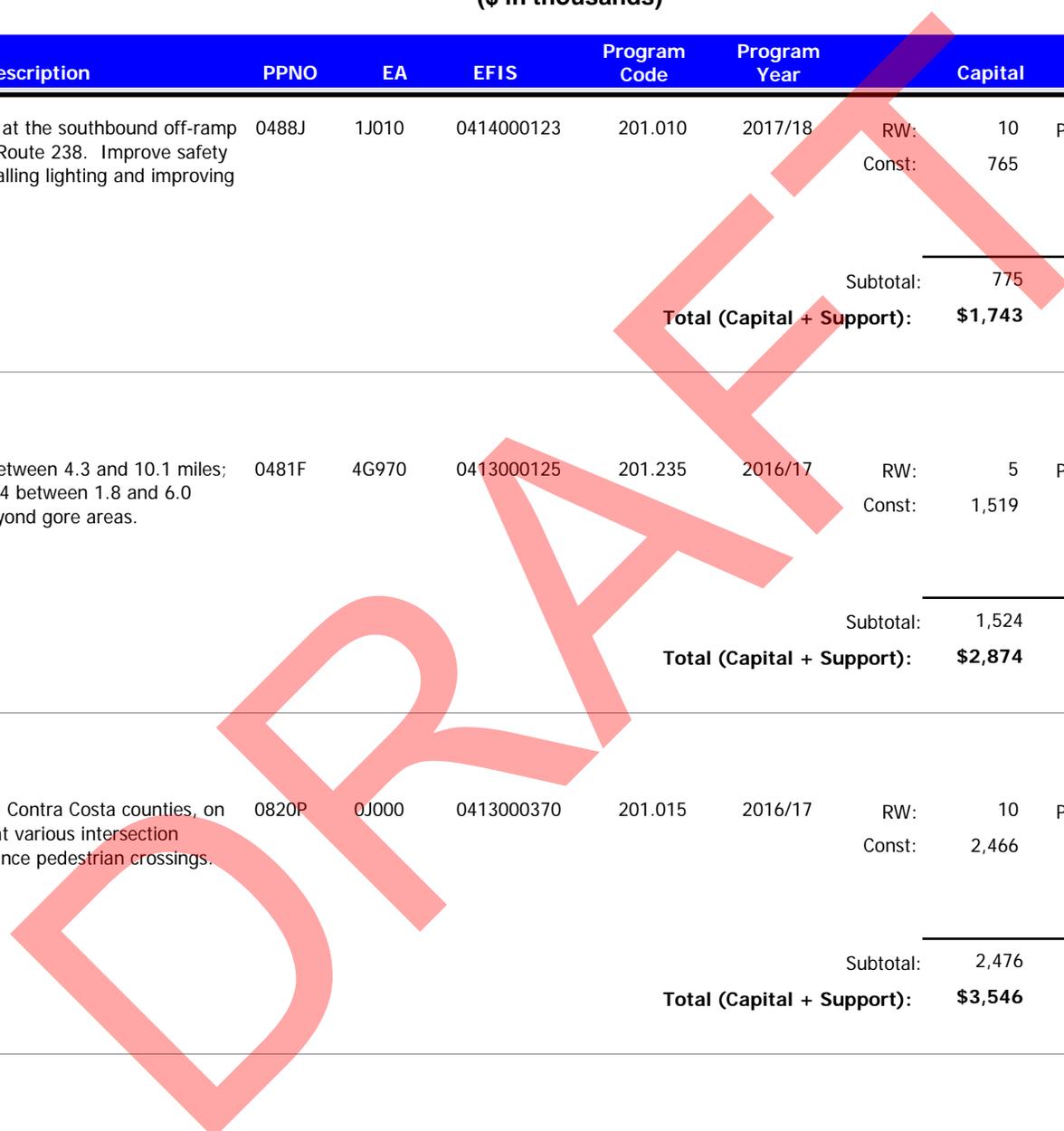
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
185	VAR	In Oakland, San Leandro, Hayward, Union City and Fremont on Routes 185, 238, and 262 at various locations. Crosswalk safety enhancements.	1487P	3J190	0415000099	201.015	2018/19	RW:	10	PA&ED:	550	PA&ED:	2/15/2018
								Const:	1,711	PS&E:	550	RTL:	5/1/2019
										RW:	66	RW Cert:	4/1/2019
										Con:	550		
								Subtotal:	1,721		1,716		
Total (Capital + Support):								\$3,437					
238	R14.5/16.7	In Hayward, from 0.4 mile west of Clawiter Road and 0.3 mile west of Hesperian Boulevard. Install and upgrade safety lighting.	1482N	2J670	0414000544	201.010	2017/18	RW:	10	PA&ED:	780	PA&ED:	1/6/2016
								Const:	3,268	PS&E:	850	RTL:	3/22/2017
										RW:	70	RW Cert:	1/2/2017
										Con:	900		
								Subtotal:	3,278		2,600		
Total (Capital + Support):								\$5,878					
880	20.4/22.9	In San Leandro, between Washington Avenue and Marina Boulevard. Pave side slope areas.	0085X	4H010	0413000132	201.235	2016/17	RW:	5	PA&ED:	288	PA&ED:	1/15/2016
								Const:	2,864	PS&E:	426	RTL:	1/4/2017
										RW:	47	RW Cert:	12/7/2016
										Con:	429		
								Subtotal:	2,869		1,190		
Total (Capital + Support):								\$4,059					



**2016 SHOPP V3.0 Project List
Alameda
(\$ in thousands)**



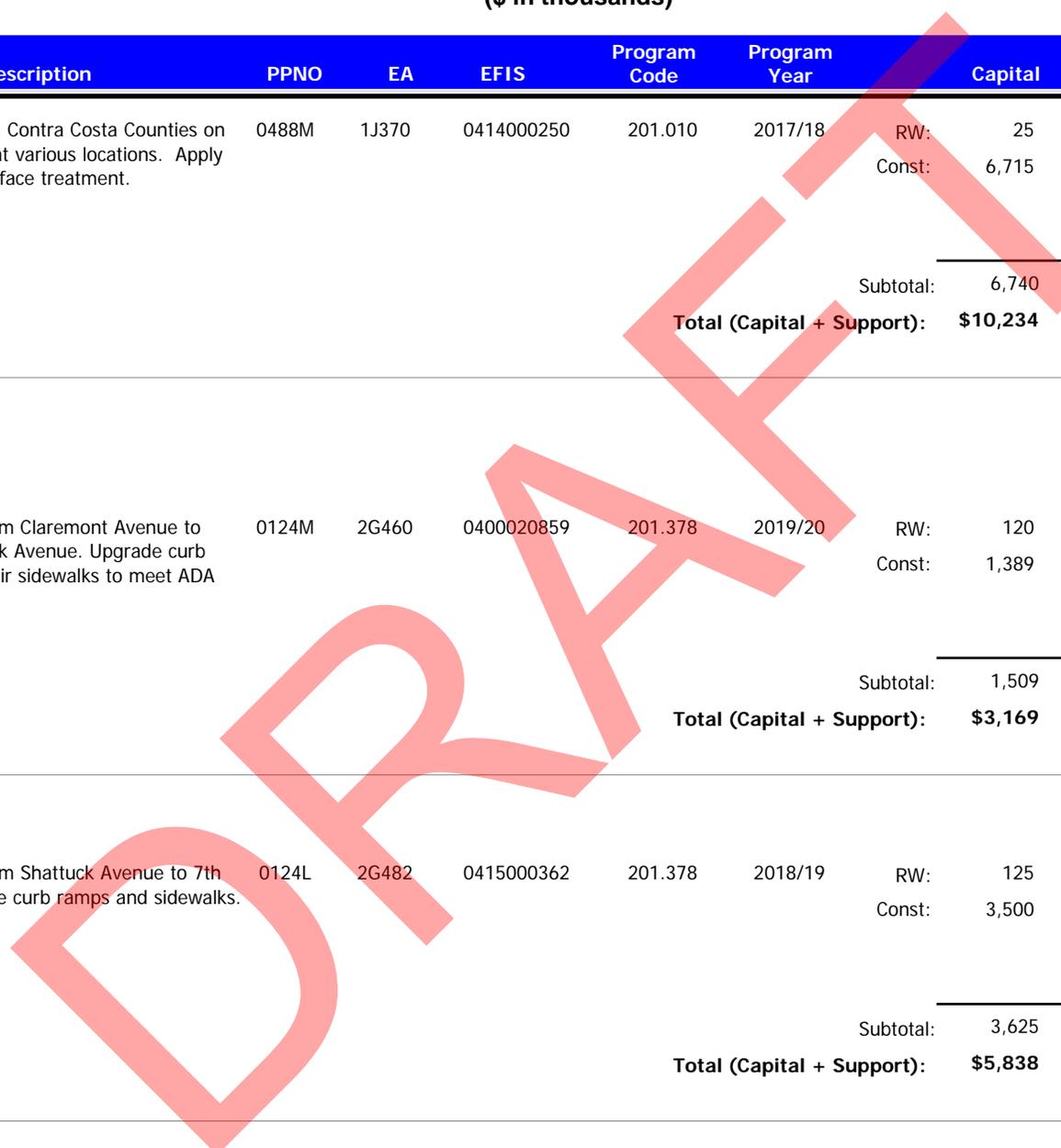
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
880	20.9	In San Leandro at the southbound off-ramp to southbound Route 238. Improve safety visibility by installing lighting and improving signs.	0488J	1J010	0414000123	201.010	2017/18	RW:	10	PA&ED:	220	PA&ED:	11/1/2016
								Const:	765	PS&E:	440	RTL:	1/1/2018
										RW:	22	RW Cert:	11/1/2017
										Con:	286		
								Subtotal:	775		968		
Total (Capital + Support):									\$1,743				
VAR		On Route 13, between 4.3 and 10.1 miles; also on Route 24 between 1.8 and 6.0 miles. Pave beyond gore areas.	0481F	4G970	0413000125	201.235	2016/17	RW:	5	PA&ED:	280	PA&ED:	2/15/2016
								Const:	1,519	PS&E:	390	RTL:	10/15/2016
										RW:	80	RW Cert:	5/31/2016
										Con:	600		
								Subtotal:	1,524		1,350		
Total (Capital + Support):									\$2,874				
VAR		In Alameda and Contra Costa counties, on various routes at various intersection locations. Enhance pedestrian crossings.	0820P	0J000	0413000370	201.015	2016/17	RW:	10	PA&ED:	270	PA&ED:	7/1/2015
								Const:	2,466	PS&E:	310	RTL:	1/23/2017
										RW:	100	RW Cert:	1/4/2017
										Con:	390		
								Subtotal:	2,476		1,070		
Total (Capital + Support):									\$3,546				



**2016 SHOPP V3.0 Project List
Alameda
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
VAR		In Alameda and Contra Costa Counties on various routes at various locations. Apply high friction surface treatment.	0488M	1J370	0414000250	201.010	2017/18	RW: 25 Const: 6,715	PA&ED: 726 PS&E: 1,370 RW: 28 Con: 1,370	PA&ED: 12/28/2017 RTL: 4/13/2019 RW Cert: 1/8/2019
								Subtotal:	6,740	3,494
								Total (Capital + Support):	\$10,234	
MANDATES										
13	10.8/12.1	In Berkeley, from Claremont Avenue to west of Shattuck Avenue. Upgrade curb ramps and repair sidewalks to meet ADA standards.	0124M	2G460	0400020859	201.378	2019/20	RW: 120 Const: 1,389	PA&ED: 619 PS&E: 543 RW: 75 Con: 423	PA&ED: 4/1/2018 RTL: 11/1/2019 RW Cert: 10/1/2019
								Subtotal:	1,509	1,660
								Total (Capital + Support):	\$3,169	
13	12.1/13.4	In Berkeley, from Shattuck Avenue to 7th Street. Upgrade curb ramps and sidewalks.	0124L	2G482	0415000362	201.378	2018/19	RW: 125 Const: 3,500	PA&ED: 455 PS&E: 765 RW: 200 Con: 793	PA&ED: 12/30/2015 RTL: 6/15/2017 RW Cert: 6/1/2017
								Subtotal:	3,625	2,213
								Total (Capital + Support):	\$5,838	



2016 SHOPP V3.0 Project List Alameda (\$ in thousands)



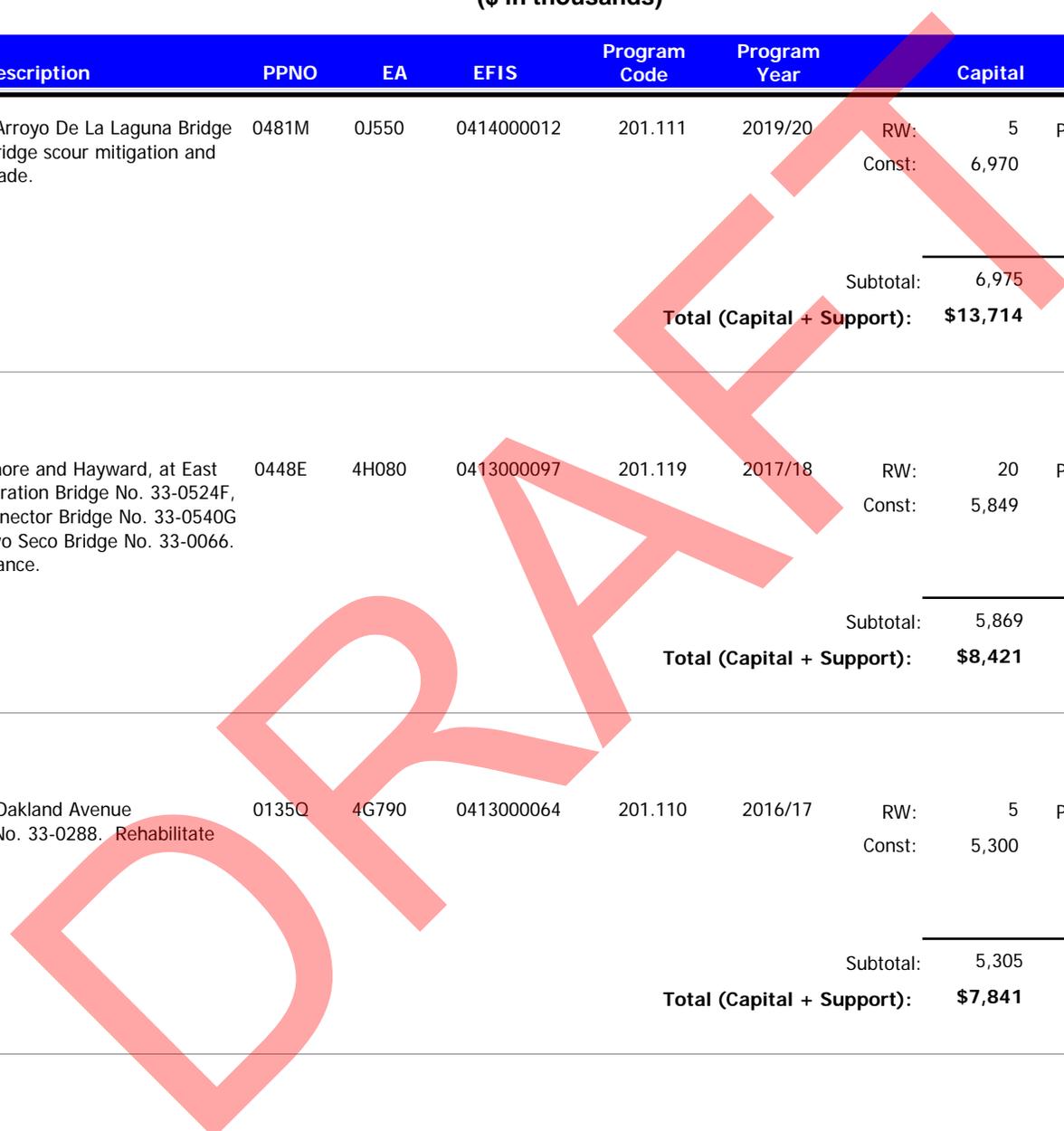
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
185	3.3/9.8	In Oakland and San Leandro, from Plaza Drive to 55th Avenue; also in Contra Costa County, in El Cerrito on Route 123 (PM 0.18/0.29) and in Pleasant Hill on Route 680 (PM 16.85), at various locations. Reinstall and/or upgrade existing curb ramps and sidewalks to ADA standards.	0091P	1G910	0400020582	201.378	2019/20	RW:	50	PA&ED:	446	PA&ED:	10/2/2017
								Const:	2,252	PS&E:	655	RTL:	8/1/2019
										RW:	102	RW Cert:	7/1/2019
										Con:	450		
								Subtotal:	2,302		1,653		
Total (Capital + Support):								\$3,955					
580	R41.4/R41.5	In Oakland, between Fruitvale Avenue/Champion Street and Harold Street /Montana Street. Upgrade sidewalk and curb ramps.	0133H	4H260	0413000123	201.378	2016/17	RW:	10	PA&ED:	177	PA&ED:	5/20/2015
								Const:	1,956	PS&E:	462	RTL:	6/24/2016
										RW:	53	RW Cert:	6/22/2016
										Con:	423		
								Subtotal:	1,966		1,115		
Total (Capital + Support):								\$3,081					
BRIDGE PRESERVATION													
84	13.0/13.6	In Fremont, at Alameda Creek Bridge #33 -36. Replace bridge. (G13 Contingency Project)	0084B	16030	0400000429	201.110	2017/18	RW:	275	PA&ED:	4,000	PA&ED:	1/4/2016
								Const:	0	PS&E:	5,000	RTL:	6/30/2017
										RW:	299	RW Cert:	5/31/2017
										Con:	0		
								Subtotal:	275		9,299		
Total (Capital + Support):								\$9,574					



2016 SHOPP V3.0 Project List Alameda (\$ in thousands)



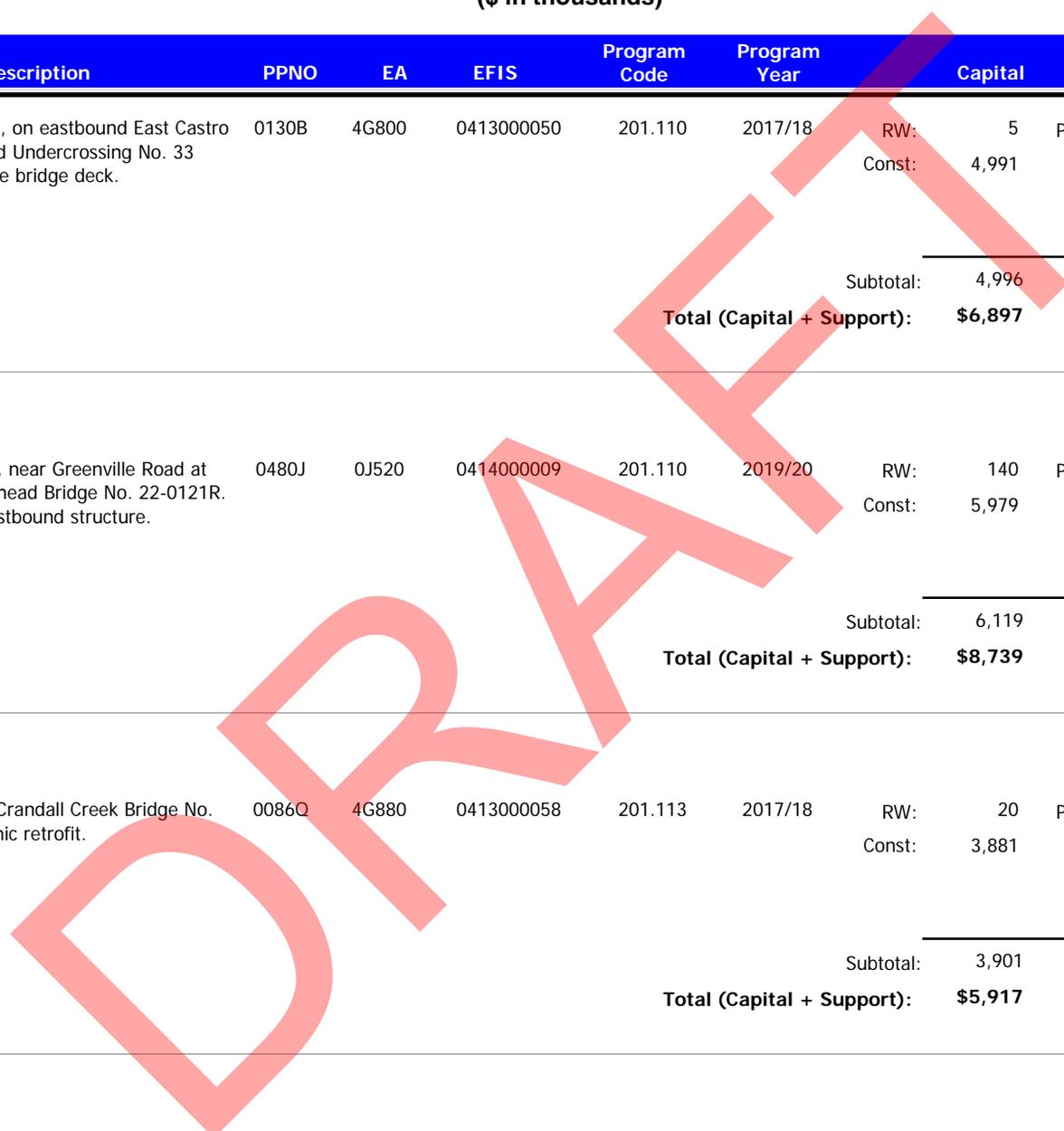
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
84	17.2	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Bridge scour mitigation and bridge rail upgrade.	0481M	0J550	0414000012	201.111	2019/20	RW:	5	PA&ED:	1,863	PA&ED:	9/14/2018
								Const:	6,970	PS&E:	2,392	RTL:	6/15/2020
										RW:	23	RW Cert:	6/1/2020
										Con:	2,461		
								Subtotal:	6,975		6,739		
Total (Capital + Support):									\$13,714				
238	R14.6	Between Livermore and Hayward, at East Connector Separation Bridge No. 33-0524F, N238/S880 Connector Bridge No. 33-0540G and I-580 Arroyo Seco Bridge No. 33-0066. Bridge maintenance.	0448E	4H080	0413000097	201.119	2017/18	RW:	20	PA&ED:	864	PA&ED:	9/30/2016
								Const:	5,849	PS&E:	720	RTL:	3/28/2018
										RW:	72	RW Cert:	3/7/2018
										Con:	896		
								Subtotal:	5,869		2,552		
Total (Capital + Support):									\$8,421				
580	44.3	In Oakland, at Oakland Avenue Undercrossing No. 33-0288. Rehabilitate bridge deck.	0135Q	4G790	0413000064	201.110	2016/17	RW:	5	PA&ED:	0	PA&ED:	6/24/2013
								Const:	5,300	PS&E:	1,250	RTL:	1/16/2017
										RW:	36	RW Cert:	12/15/2016
										Con:	1,250		
								Subtotal:	5,305		2,536		
Total (Capital + Support):									\$7,841				



**2016 SHOPP V3.0 Project List
Alameda
(\$ in thousands)**



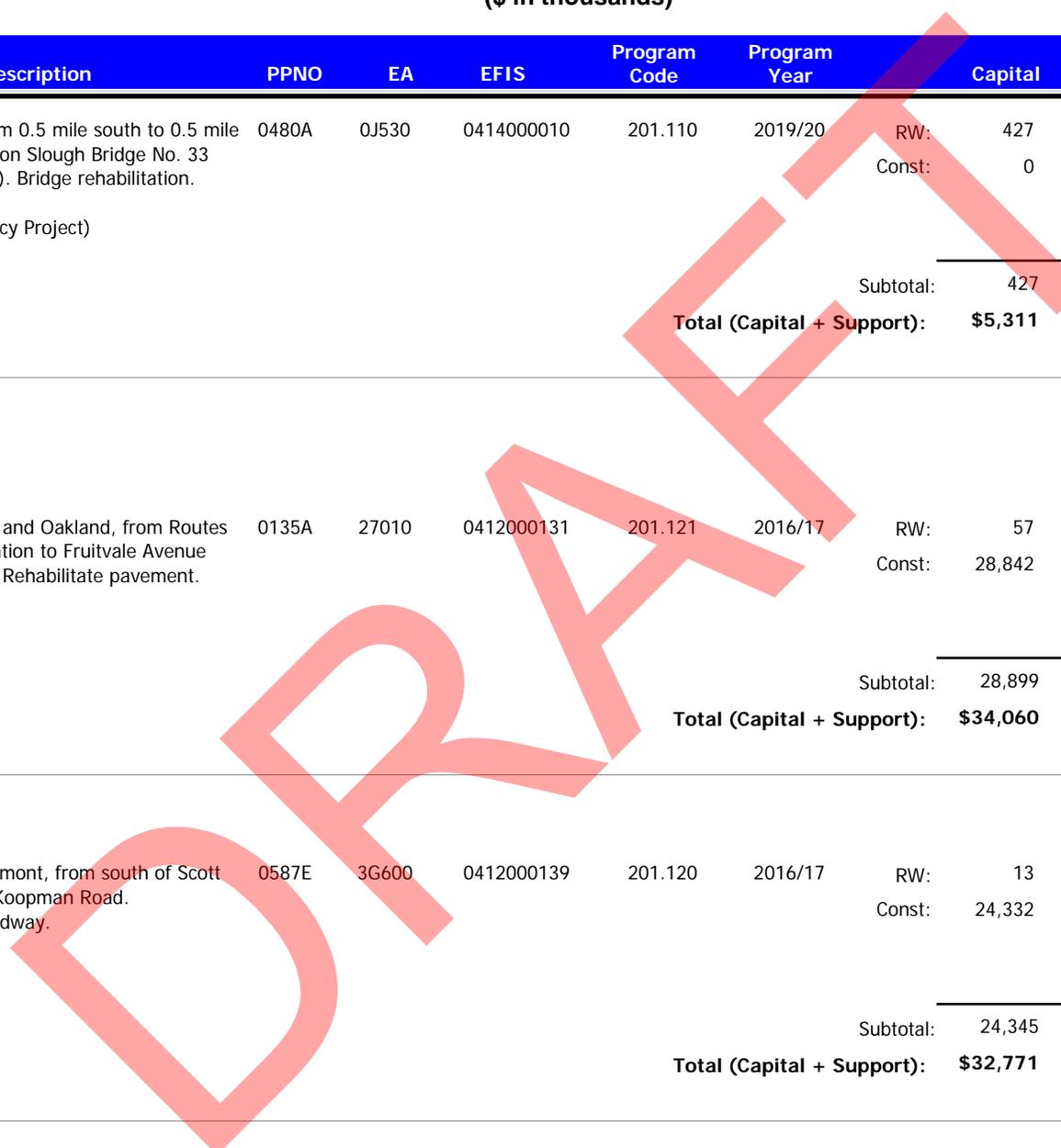
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
580	R26.8/R27.2	In Castro Valley, on eastbound East Castro Valley Boulevard Undercrossing No. 33 -0235L. Replace bridge deck.	0130B	4G800	0413000050	201.110	2017/18	RW:	5	PA&ED:	576	PA&ED:	11/30/2016
								Const:	4,991	PS&E:	540	RTL:	12/12/2017
										RW:	36	RW Cert:	12/1/2017
										Con:	749		
								Subtotal:	4,996		1,901		
Total (Capital + Support):									\$6,897				
580	R8.0	Near Livermore, near Greenville Road at Greenville Overhead Bridge No. 22-0121R. Rehabilitate westbound structure.	0480J	0J520	0414000009	201.110	2019/20	RW:	140	PA&ED:	600	PA&ED:	7/2/2018
								Const:	5,979	PS&E:	900	RTL:	6/1/2020
										RW:	120	RW Cert:	9/2/2019
										Con:	1,000		
								Subtotal:	6,119		2,620		
Total (Capital + Support):									\$8,739				
880	10.7	In Fremont, at Crandall Creek Bridge No. 33-0273. Seismic retrofit.	0086Q	4G880	0413000058	201.113	2017/18	RW:	20	PA&ED:	846	PA&ED:	9/30/2016
								Const:	3,881	PS&E:	540	RTL:	2/28/2018
										RW:	90	RW Cert:	2/7/2018
										Con:	540		
								Subtotal:	3,901		2,016		
Total (Capital + Support):									\$5,917				



**2016 SHOPP V3.0 Project List
Alameda
(\$ in thousands)**



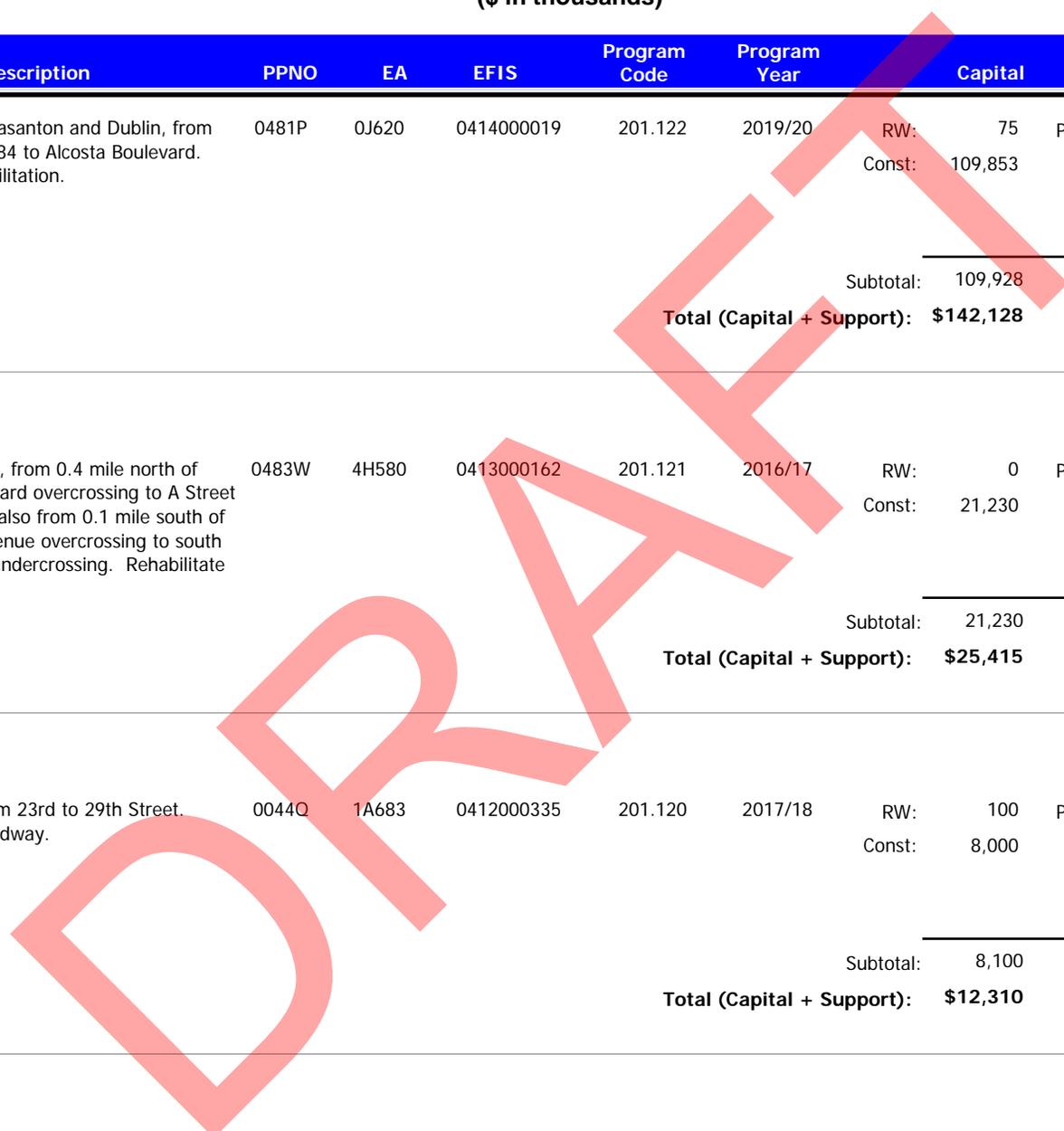
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
880	11.3/12.3	In Fremont, from 0.5 mile south to 0.5 mile north of Patterson Slough Bridge No. 33 -0250 (PM 11.8). Bridge rehabilitation. (G13 Contingency Project)	0480A	0J530	0414000010	201.110	2019/20	RW:	427	PA&ED:	2,200	PA&ED:	12/3/2018
								Const:	0	PS&E:	1,980	RTL:	6/1/2020
										RW:	704	RW Cert:	6/1/2020
										Con:	0		
								Subtotal:	427		4,884		
Total (Capital + Support):								\$5,311					
<hr/>													
ROADWAY PRESERVATION													
580	R30.8/R41.5	In San Leandro and Oakland, from Routes 580/238 Separation to Fruitvale Avenue undercrossing. Rehabilitate pavement.	0135A	27010	0412000131	201.121	2016/17	RW:	57	PA&ED:	356	PA&ED:	11/21/2016
								Const:	28,842	PS&E:	2,385	RTL:	11/30/2018
										RW:	35	RW Cert:	8/20/2018
										Con:	2,385		
								Subtotal:	28,899		5,161		
Total (Capital + Support):								\$34,060					
680	M0.0/R12.4	In and near Fremont, from south of Scott Creek Road to Koopman Road. Rehabilitate roadway.	0587E	3G600	0412000139	201.120	2016/17	RW:	13	PA&ED:	883	PA&ED:	2/1/2016
								Const:	24,332	PS&E:	3,650	RTL:	2/1/2017
										RW:	243	RW Cert:	8/1/2016
										Con:	3,650		
								Subtotal:	24,345		8,426		
Total (Capital + Support):								\$32,771					



**2016 SHOPP V3.0 Project List
Alameda
(\$ in thousands)**



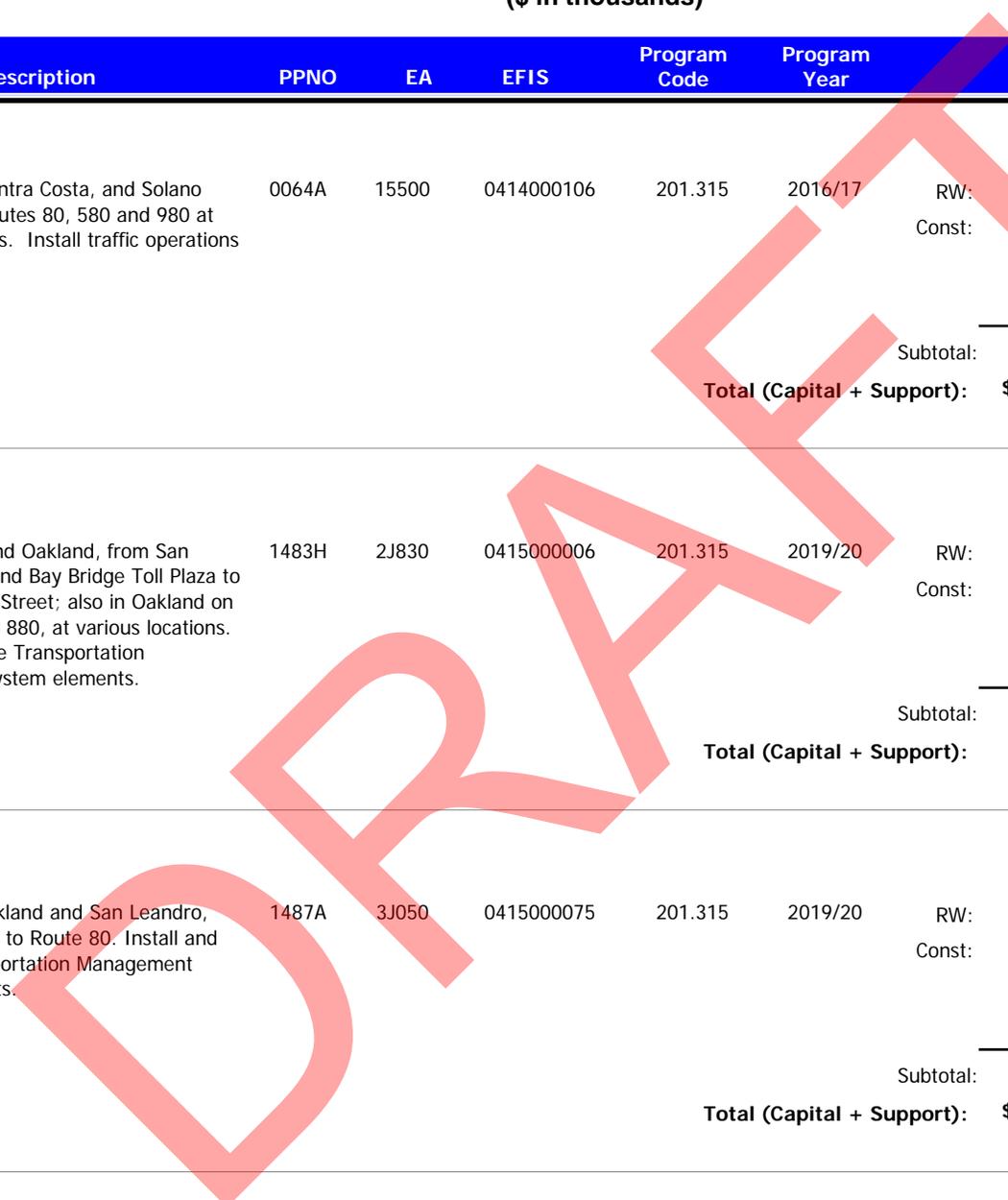
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
680	R12.4/R21.9	In and near Pleasanton and Dublin, from north of Route 84 to Alcosta Boulevard. Roadway rehabilitation.	0481P	0J620	0414000019	201.122	2019/20	RW:	75	PA&ED:	7,150	PA&ED:	7/2/2018
								Const:	109,853	PS&E:	7,150	RTL:	6/1/2020
										RW:	1,500	RW Cert:	6/1/2020
										Con:	16,400		
								Subtotal:	109,928		32,200		
Total (Capital + Support):								\$142,128					
880	11.9/27.5	Near Union City, from 0.4 mile north of Fremont Boulevard overcrossing to A Street undercrossing; also from 0.1 mile south of Washington Avenue overcrossing to south of High Street undercrossing. Rehabilitate pavement.	0483W	4H580	0413000162	201.121	2016/17	RW:	0	PA&ED:	654	PA&ED:	8/19/2015
								Const:	21,230	PS&E:	1,876	RTL:	12/1/2016
										RW:	166	RW Cert:	12/1/2016
										Con:	1,489		
								Subtotal:	21,230		4,185		
Total (Capital + Support):								\$25,415					
880	28.5/29.0	In Oakland, from 23rd to 29th Street. Rehabilitate roadway.	0044Q	1A683	0412000335	201.120	2017/18	RW:	100	PA&ED:	10	PA&ED:	
								Const:	8,000	PS&E:	2,000	RTL:	6/1/2018
										RW:	100	RW Cert:	5/1/2018
										Con:	2,100		
								Subtotal:	8,100		4,210		
Total (Capital + Support):								\$12,310					



2016 SHOPP V3.0 Project List Alameda (\$ in thousands)



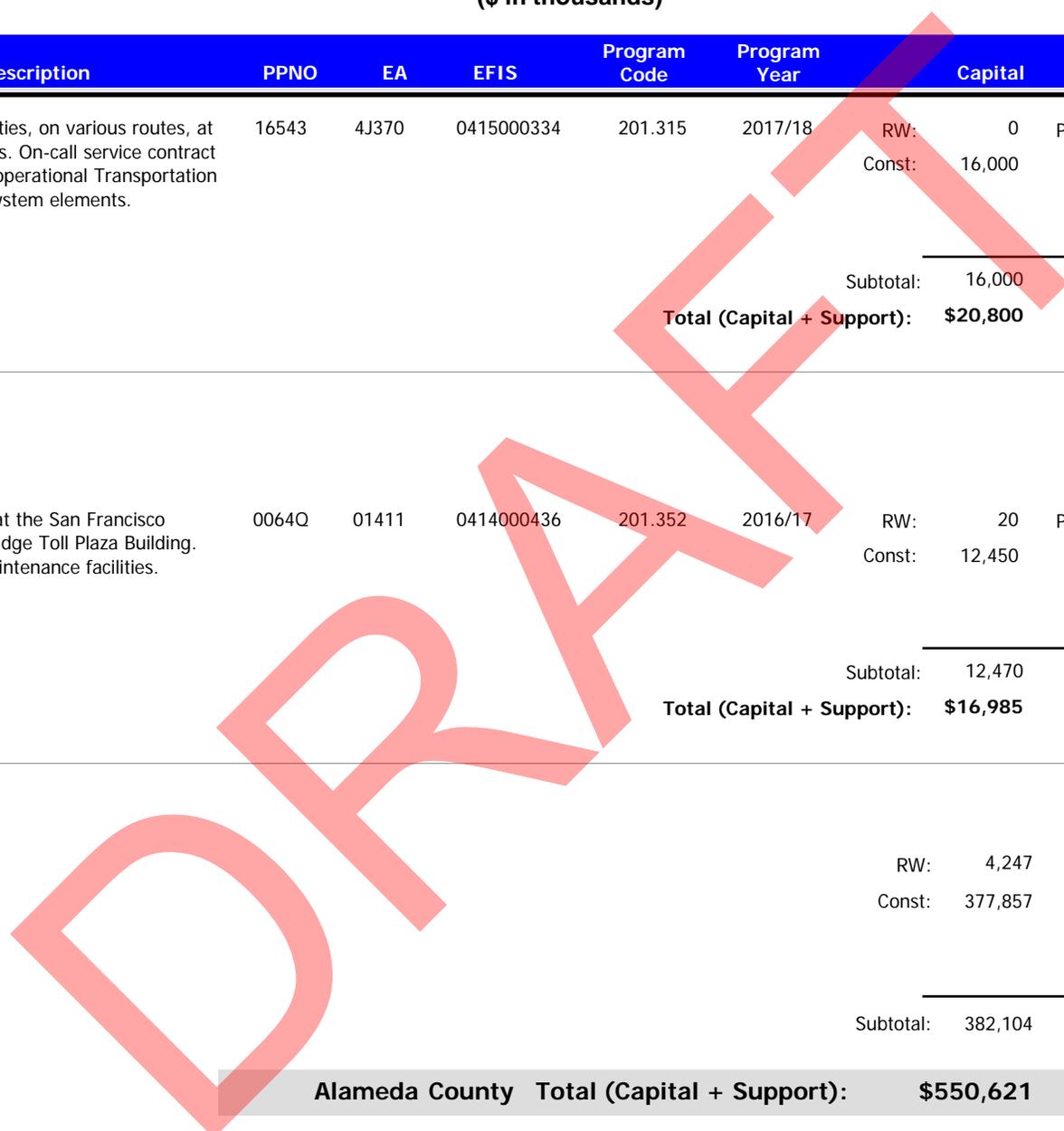
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MOBILITY													
80		In Alameda, Contra Costa, and Solano counties, on Routes 80, 580 and 980 at various locations. Install traffic operations systems (TOS).	0064A	15500	0414000106	201.315	2016/17	RW:	63	PA&ED:	2,220	PA&ED:	5/2/2016
								Const:	31,762	PS&E:	2,970	RTL:	6/1/2017
										RW:	270	RW Cert:	5/4/2017
										Con:	4,140		
								Subtotal:	31,825		9,600		
								Total (Capital + Support):	\$41,425				
80	1.9/4.0	In Emeryville and Oakland, from San Francisco-Oakland Bay Bridge Toll Plaza to north of Powell Street; also in Oakland on Routes 580 and 880, at various locations. Upgrade/replace Transportation Management System elements.	1483H	2J830	0415000006	201.315	2019/20	RW:	12	PA&ED:	760	PA&ED:	6/1/2018
								Const:	5,135	PS&E:	760	RTL:	10/1/2019
										RW:	260	RW Cert:	10/1/2019
										Con:	1,044		
								Subtotal:	5,147		2,824		
								Total (Capital + Support):	\$7,971				
580	R30.8/46.5	In and near Oakland and San Leandro, from Route 238 to Route 80. Install and upgrade Transportation Management System elements.	1487A	3J050	0415000075	201.315	2019/20	RW:	10	PA&ED:	2,700	PA&ED:	4/16/2018
								Const:	17,970	PS&E:	2,700	RTL:	6/15/2020
										RW:	50	RW Cert:	4/15/2020
										Con:	3,600		
								Subtotal:	17,980		9,050		
								Total (Capital + Support):	\$27,030				



**2016 SHOPP V3.0 Project List
Alameda
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
VAR		In various counties, on various routes, at various locations. On-call service contract to restore non-operational Transportation Management System elements.	16543	4J370	0415000334	201.315	2017/18	RW: 0 Const: 16,000	PA&ED: 450 PS&E: 1,340 RW: 10 Con: 3,000	PA&ED: 1/3/2017 RTL: 1/2/2018 RW Cert: 12/1/2017
								Subtotal:	16,000	4,800
								Total (Capital + Support):	\$20,800	
FACILITIES										
80		Near Oakland, at the San Francisco Oakland Bay Bridge Toll Plaza Building. Reconstruct maintenance facilities.	0064Q	01411	0414000436	201.352	2016/17	RW: 20 Const: 12,450	PA&ED: 0 PS&E: 1,500 RW: 15 Con: 3,000	PA&ED: 12/28/2005 RTL: 8/1/2016 RW Cert: 7/23/2016
								Subtotal:	12,470	4,515
								Total (Capital + Support):	\$16,985	
								RW:	4,247	PA&ED: 45,825
								Const:	377,857	PS&E: 54,187
										RW: 5,947
										Con: 62,558
								Subtotal:	382,104	168,517
								Alameda County Total (Capital + Support):	\$550,621	



2016 SHOPP V3.0 Project List Alpine (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
BRIDGE PRESERVATION										
88	VAR	Near Markleeville, on Routes 88, 89 and 4 at various locations. Bridge rail upgrade on four bridges.	3134	OX750	1013000009	201.112	2019/20	RW: 176 Const: 4,224	PA&ED: 496 PS&E: 949 RW: 13 Con: 1,229	PA&ED: 1/11/2018 RTL: 2/17/2020 RW Cert: 12/9/2019
Subtotal:								4,400	2,687	
Total (Capital + Support):								\$7,087		
<hr/>										
Subtotal:								4,400	2,687	
Alpine County Total (Capital + Support):								\$7,087		



2016 SHOPP V3.0 Project List Amador (\$ in thousands)



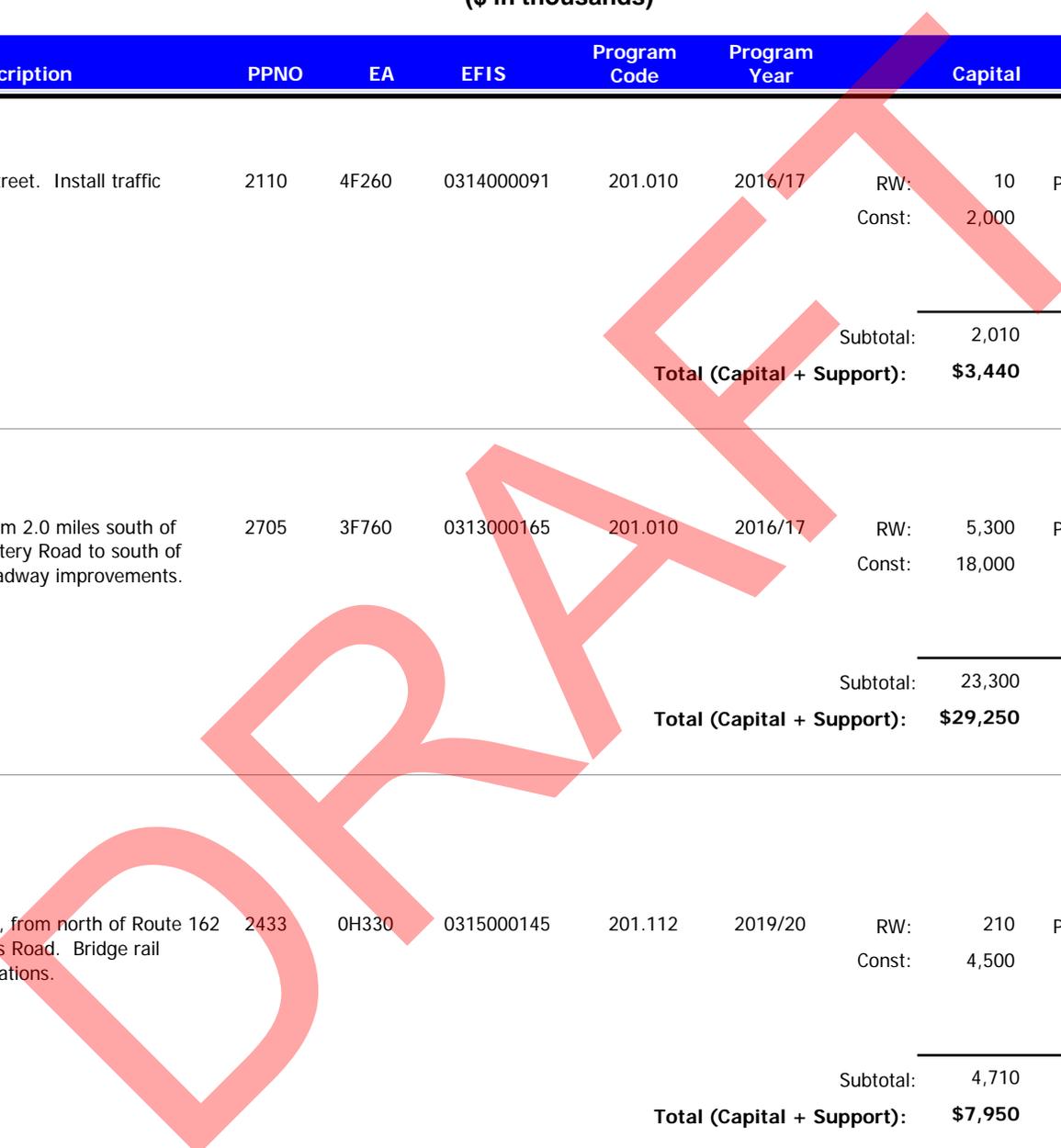
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
88	VAR	In Amador County on Route 88 and in Tuolumne County of Routes 120,108 and 49, at various locations. Rehabilitate culverts.	3119	1C690	1015000004	201.151	2018/19	RW:	26	PA&ED:	250	PA&ED:	12/1/2017
								Const:	2,328	PS&E:	448	RTL:	1/1/2019
										RW:	65	RW Cert:	1/1/2019
										Con:	616		
								Subtotal:	2,354		1,379		
								Total (Capital + Support):	\$3,733				
<hr/>													
								RW:	26	PA&ED:	250		
								Const:	2,328	PS&E:	448		
										RW:	65		
										Con:	616		
								Subtotal:	2,354		1,379		
								Amador County Total (Capital + Support):	\$3,733				



**2016 SHOPP V3.0 Project List
Butte
(\$ in thousands)**



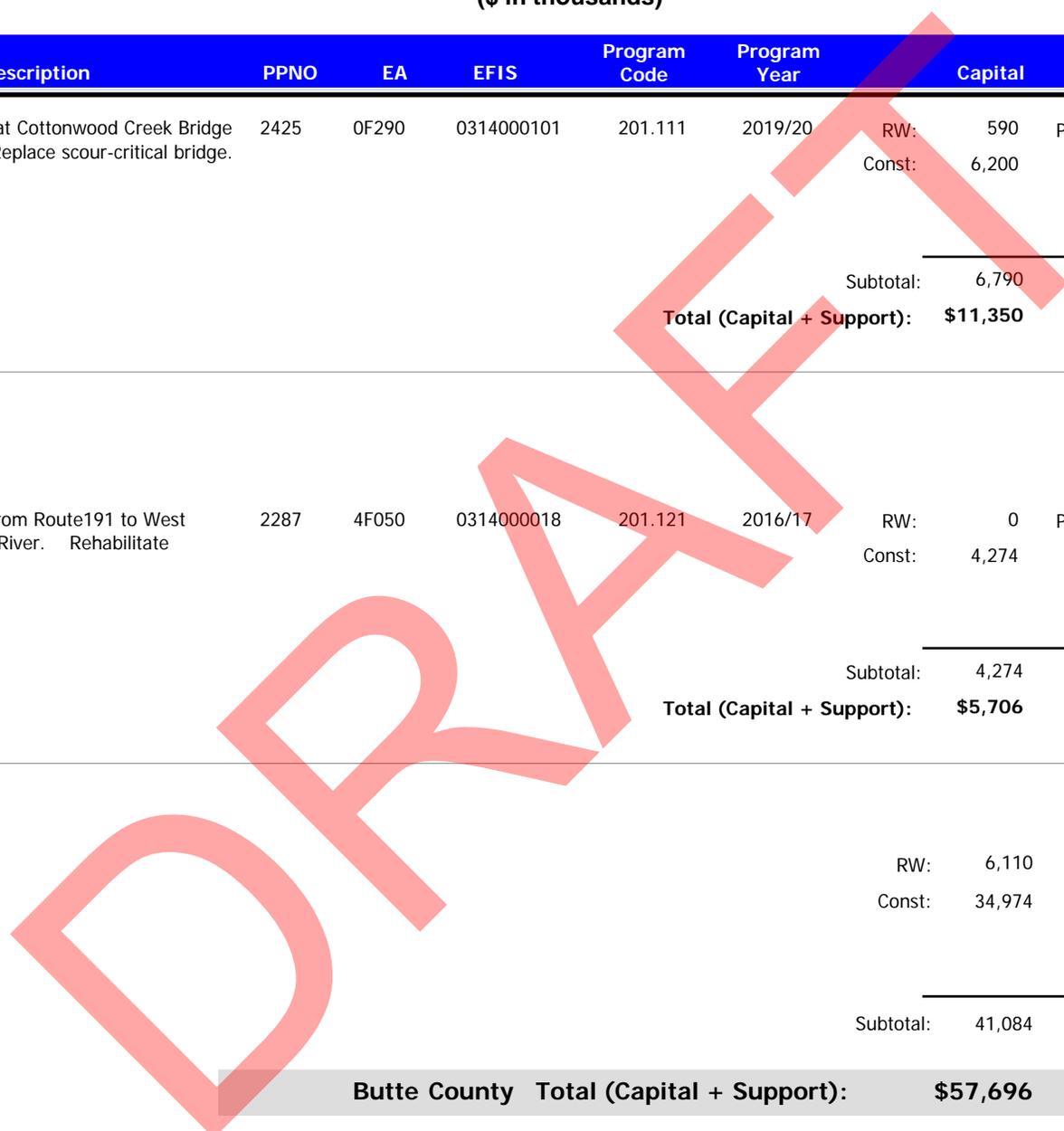
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
<u>COLLISION REDUCTION</u>												
32	9.1/R9.2	In Chico, at Ivy Street. Install traffic signals.	2110	4F260	0314000091	201.010	2016/17	RW: 10 Const: 2,000	PA&ED: 200 PS&E: 430 RW: 200 Con: 600	PA&ED: 47/2015 RTL: 10/15/2016 RW Cert: 10/1/2016		
								Subtotal:	2,010	1,430		
								Total (Capital + Support):	\$3,440			
<hr/>												
191	6.8/8.6	Near Paradise, from 2.0 miles south of Clear Creek Cemetery Road to south of Airport Road. Roadway improvements.	2705	3F760	0313000165	201.010	2016/17	RW: 5,300 Const: 18,000	PA&ED: 1,150 PS&E: 1,350 RW: 750 Con: 2,700	PA&ED: 5/18/2015 RTL: 8/20/2016 RW Cert: 8/1/2016		
								Subtotal:	23,300	5,950		
								Total (Capital + Support):	\$29,250			
<hr/>												
<u>BRIDGE PRESERVATION</u>												
99	13.3/45.9	In and near Chico, from north of Route 162 to north of Broyles Road. Bridge rail upgrade at six locations.	2433	0H330	0315000145	201.112	2019/20	RW: 210 Const: 4,500	PA&ED: 610 PS&E: 1,170 RW: 160 Con: 1,300	PA&ED: 2/1/2018 RTL: 8/15/2019 RW Cert: 8/15/2019		
								Subtotal:	4,710	3,240		
								Total (Capital + Support):	\$7,950			



**2016 SHOPP V3.0 Project List
Butte
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
99	15.4	Near Richvale, at Cottonwood Creek Bridge No. 12-0120. Replace scour-critical bridge.	2425	0F290	0314000101	201.111	2019/20	RW:	590	PA&ED:	700	PA&ED:	2/1/2018
								Const:	6,200	PS&E:	1,390	RTL:	8/15/2019
										RW:	270	RW Cert:	8/1/2019
										Con:	2,200		
								Subtotal:	6,790		4,560		
Total (Capital + Support):									\$11,350				
<hr/>													
ROADWAY PRESERVATION													
70	22.1/28.2	Near Oroville, from Route191 to West Bridge Feather River. Rehabilitate pavement.	2287	4F050	0314000018	201.121	2016/17	RW:	0	PA&ED:	235	PA&ED:	6/1/2016
								Const:	4,274	PS&E:	469	RTL:	12/1/2016
										RW:	19	RW Cert:	11/15/2016
										Con:	709		
								Subtotal:	4,274		1,432		
Total (Capital + Support):									\$5,706				
<hr/>													
								RW:	6,110	PA&ED:	2,895		
								Const:	34,974	PS&E:	4,809		
										RW:	1,399		
										Con:	7,509		
								Subtotal:	41,084		16,612		
Butte County Total (Capital + Support):									\$57,696				



2016 SHOPP V3.0 Project List Colusa (\$ in thousands)



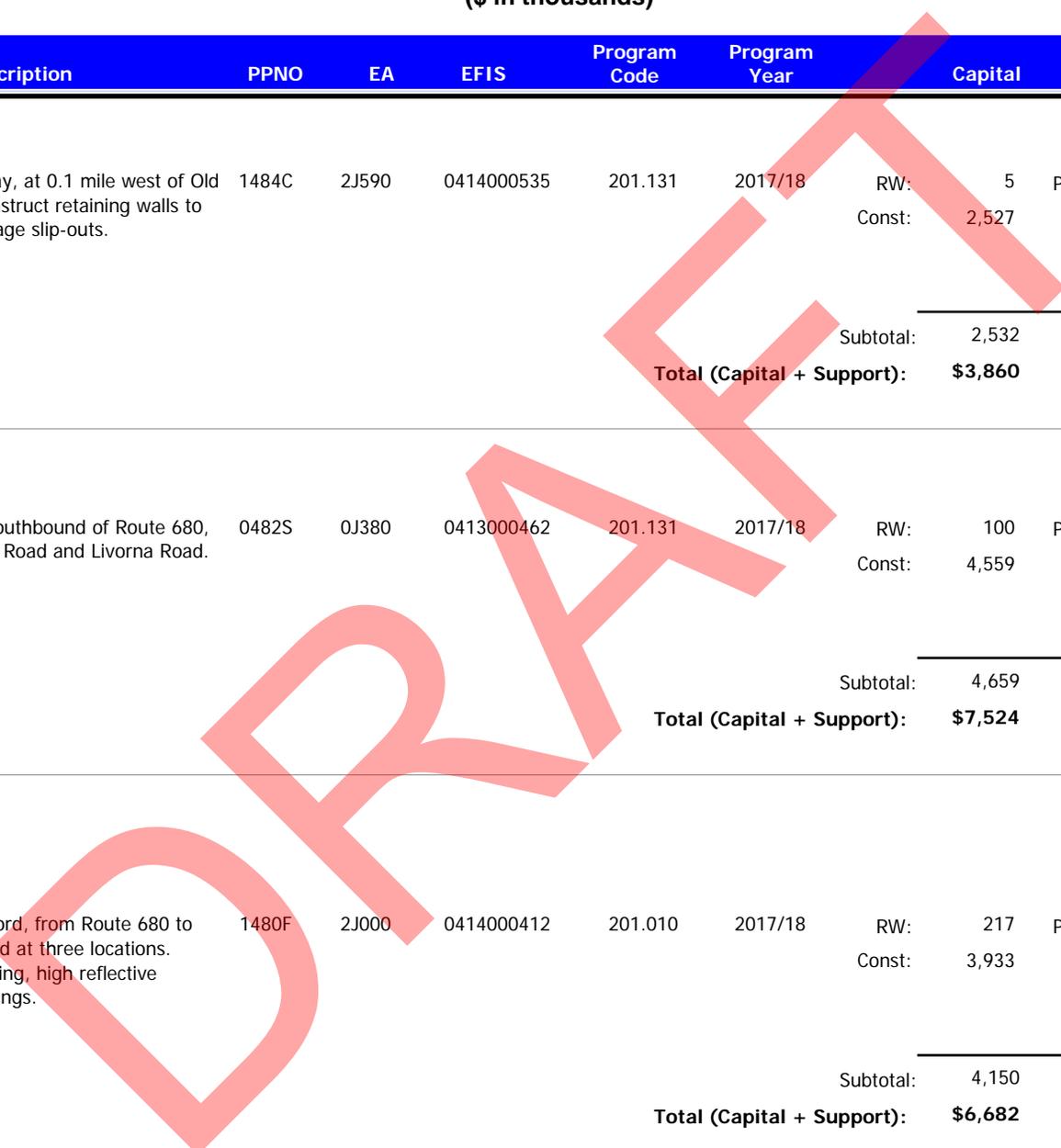
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
ROADWAY PRESERVATION										
20	31.8/32.8	In Colusa, between Market Street and Butte Vista Way. Rehabilitate roadway. (G13 Contingency Project)	2950	2F980	0312000026	201.120	2016/17	RW: 200 Const: 0	PA&ED: 1,100 PS&E: 500 RW: 500 Con: 0	PA&ED: 6/1/2016 RTL: 5/1/2017 RW Cert: 4/15/2017
Subtotal:								200	2,100	
Total (Capital + Support):								\$2,300		
<hr/>										
								RW: 200 Const: 0	PA&ED: 1,100 PS&E: 500 RW: 500 Con: 0	
Subtotal:								200	2,100	
Colusa County Total (Capital + Support):								\$2,300		



**2016 SHOPP V3.0 Project List
Contra Costa
(\$ in thousands)**



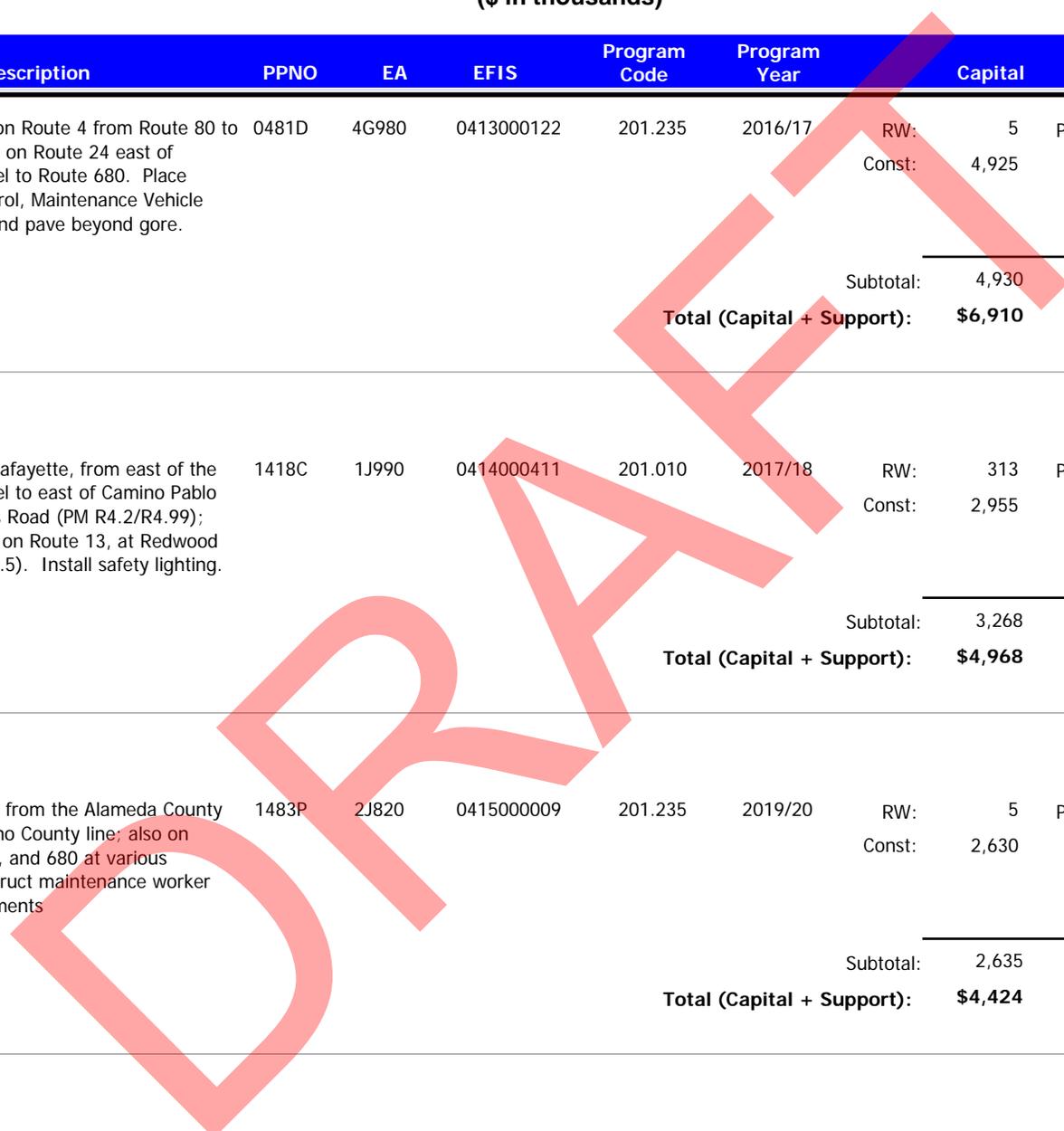
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
4	48.1/48.3	Near Discovery Bay, at 0.1 mile west of Old River Bridge. Construct retaining walls to repair storm damage slip-outs.	1484C	2J590	0414000535	201.131	2017/18	RW:	5	PA&ED:	334	PA&ED:	3/3/2017
								Const:	2,527	PS&E:	511	RTL:	6/1/2018
										RW:	38	RW Cert:	5/18/2018
										Con:	445		
								Subtotal:	2,532			1,328	
								Total (Capital + Support):	\$3,860				
<hr/>													
680	11.5/11.8	Near Alamo, on southbound of Route 680, between Rudgear Road and Livorna Road. Repair slide.	0482S	0J380	0413000462	201.131	2017/18	RW:	100	PA&ED:	563	PA&ED:	12/1/2016
								Const:	4,559	PS&E:	1,027	RTL:	4/30/2018
										RW:	150	RW Cert:	5/1/2018
										Con:	1,125		
								Subtotal:	4,659			2,865	
								Total (Capital + Support):	\$7,524				
<hr/>													
COLLISION REDUCTION													
4		In and near Concord, from Route 680 to east of Bailey Road at three locations. Install safety lighting, high reflective striping and markings.	1480F	2J000	0414000412	201.010	2017/18	RW:	217	PA&ED:	830	PA&ED:	7/1/2018
								Const:	3,933	PS&E:	830	RTL:	6/1/2020
										RW:	125	RW Cert:	6/1/2020
										Con:	747		
								Subtotal:	4,150			2,532	
								Total (Capital + Support):	\$6,682				



**2016 SHOPP V3.0 Project List
Contra Costa
(\$ in thousands)**



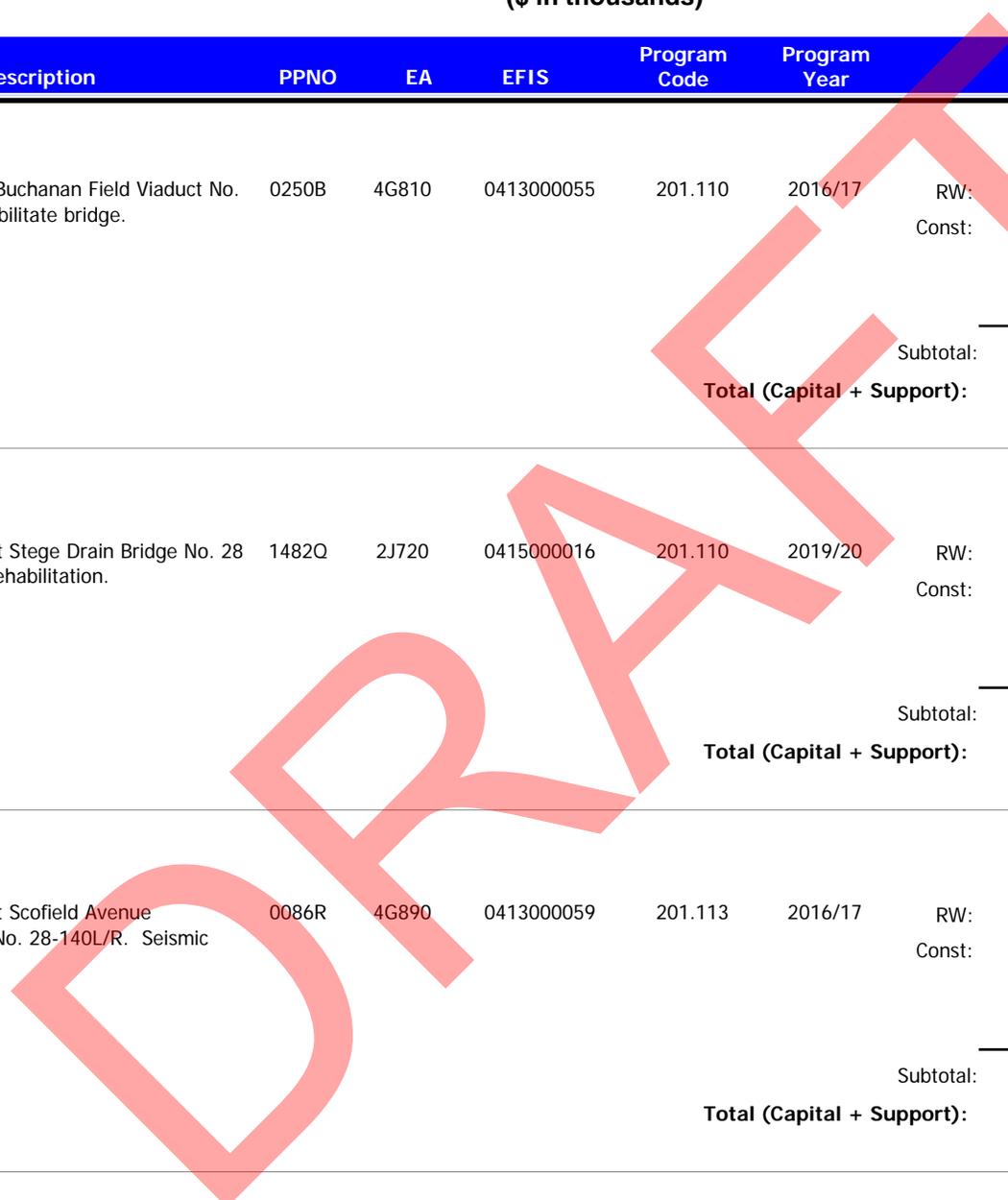
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
4	0.0/T31.5	Near Concord, on Route 4 from Route 80 to Route 160; also on Route 24 east of Caldecott Tunnel to Route 680. Place vegetation control, Maintenance Vehicle Pullout (MVP) and pave beyond gore.	0481D	4G980	0413000122	201.235	2016/17	RW:	5	PA&ED:	330	PA&ED:	5/2/2016
								Const:	4,925	PS&E:	860	RTL:	6/1/2017
										RW:	90	RW Cert:	5/4/2017
										Con:	700		
								Subtotal:	4,930		1,980		
Total (Capital + Support):								\$6,910					
24	1.0/R2.5	In Orinda and Lafayette, from east of the Caldecott Tunnel to east of Camino Pablo and at Acalanes Road (PM R4.2/R4.99); also in Oakland on Route 13, at Redwood Road (PM 5.2/5.5). Install safety lighting.	1418C	1J990	0414000411	201.010	2017/18	RW:	313	PA&ED:	736	PA&ED:	7/1/2018
								Const:	2,955	PS&E:	420	RTL:	2/15/2020
										RW:	64	RW Cert:	12/1/2019
										Con:	480		
								Subtotal:	3,268		1,700		
Total (Capital + Support):								\$4,968					
80	0.0/14.1	In various cities from the Alameda County line to the Solano County line; also on Route 242, 580, and 680 at various locations. Construct maintenance worker safety improvements	1483P	2J820	0415000009	201.235	2019/20	RW:	5	PA&ED:	455	PA&ED:	1/2/2018
								Const:	2,630	PS&E:	637	RTL:	8/30/2019
										RW:	5	RW Cert:	8/9/2019
										Con:	692		
								Subtotal:	2,635		1,789		
Total (Capital + Support):								\$4,424					



**2016 SHOPP V3.0 Project List
Contra Costa
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
242	R1.6	In Concord, at Buchanan Field Viaduct No. 28-0186. Rehabilitate bridge.	0250B	4G810	0413000055	201.110	2016/17	RW:	80	PA&ED:	360	PA&ED:	1/29/2016
								Const:	1,520	PS&E:	700	RTL:	1/3/2017
										RW:	100	RW Cert:	10/5/2016
										Con:	355		
								Subtotal:	1,600		1,515		
								Total (Capital + Support):	\$3,115				
580	1.2	In Richmond, at Stege Drain Bridge No. 28-0091. Bridge rehabilitation.	1482Q	2J720	0415000016	201.110	2019/20	RW:	5	PA&ED:	700	PA&ED:	6/29/2018
								Const:	5,828	PS&E:	876	RTL:	9/1/2019
										RW:	117	RW Cert:	8/30/2019
										Con:	876		
								Subtotal:	5,833		2,569		
								Total (Capital + Support):	\$8,402				
580	5.8	In Richmond, at Scofield Avenue Undercrossing No. 28-140L/R. Seismic retrofit.	0086R	4G890	0413000059	201.113	2016/17	RW:	280	PA&ED:	750	PA&ED:	1/25/2016
								Const:	4,280	PS&E:	935	RTL:	6/16/2017
										RW:	180	RW Cert:	6/16/2017
										Con:	850		
								Subtotal:	4,560		2,715		
								Total (Capital + Support):	\$7,275				



**2016 SHOPP V3.0 Project List
Contra Costa
(\$ in thousands)**



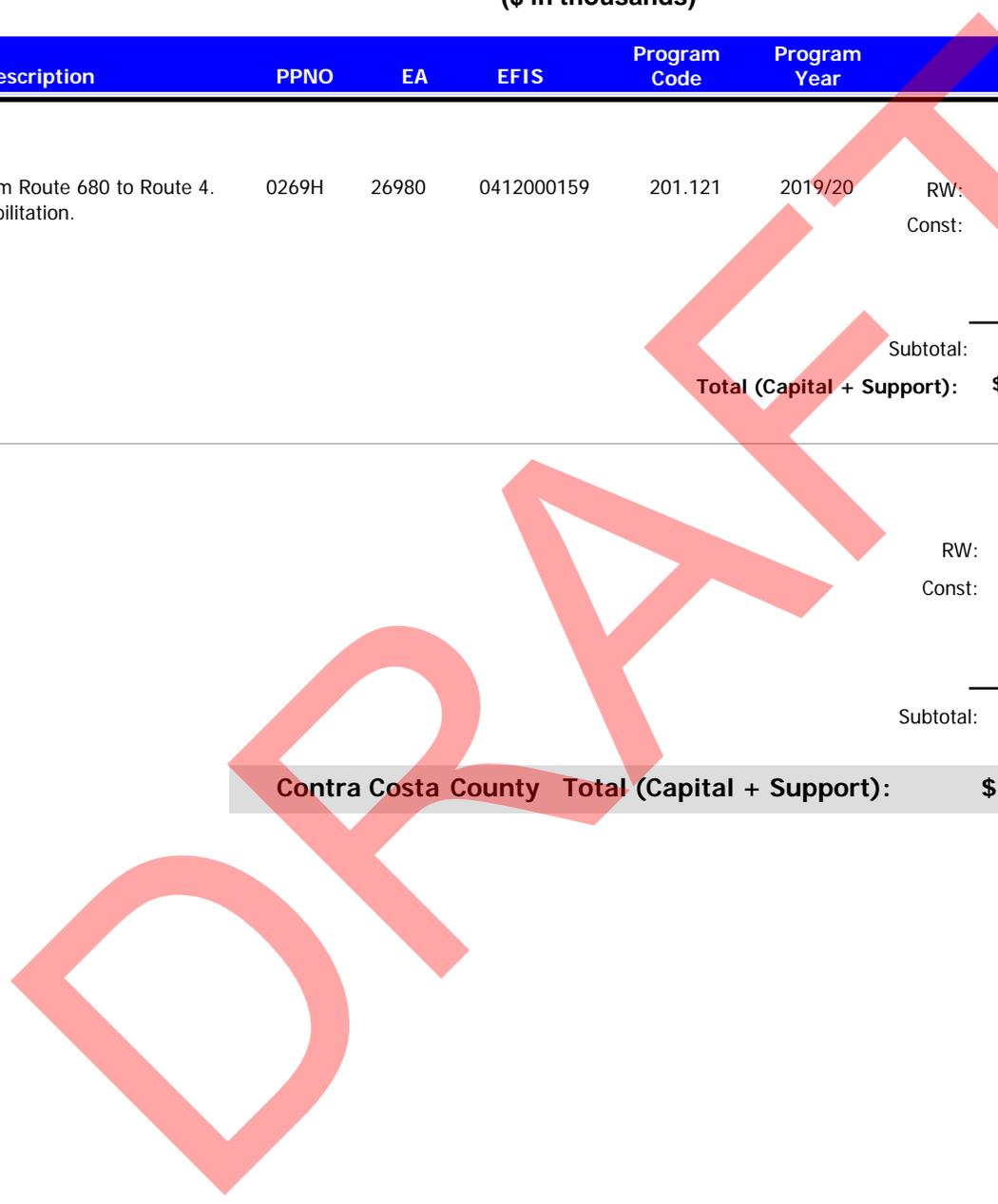
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones
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ROADWAY PRESERVATION

242	R0.0/R3.4	In Concord, from Route 680 to Route 4. Pavement rehabilitation.	0269H	26980	0412000159	201.121	2019/20	RW:	15	PA&ED:	990	PA&ED:	7/1/2017
								Const:	11,774	PS&E:	1,210	RTL:	11/1/2019
										RW:	110	RW Cert:	8/1/2019
										Con:	1,430		
								Subtotal:	11,789		3,740		
								Total (Capital + Support):	\$15,529				

								RW:	1,025	PA&ED:	6,048		
								Const:	44,931	PS&E:	8,006		
										RW:	979		
										Con:	7,700		
								Subtotal:	45,956		22,733		

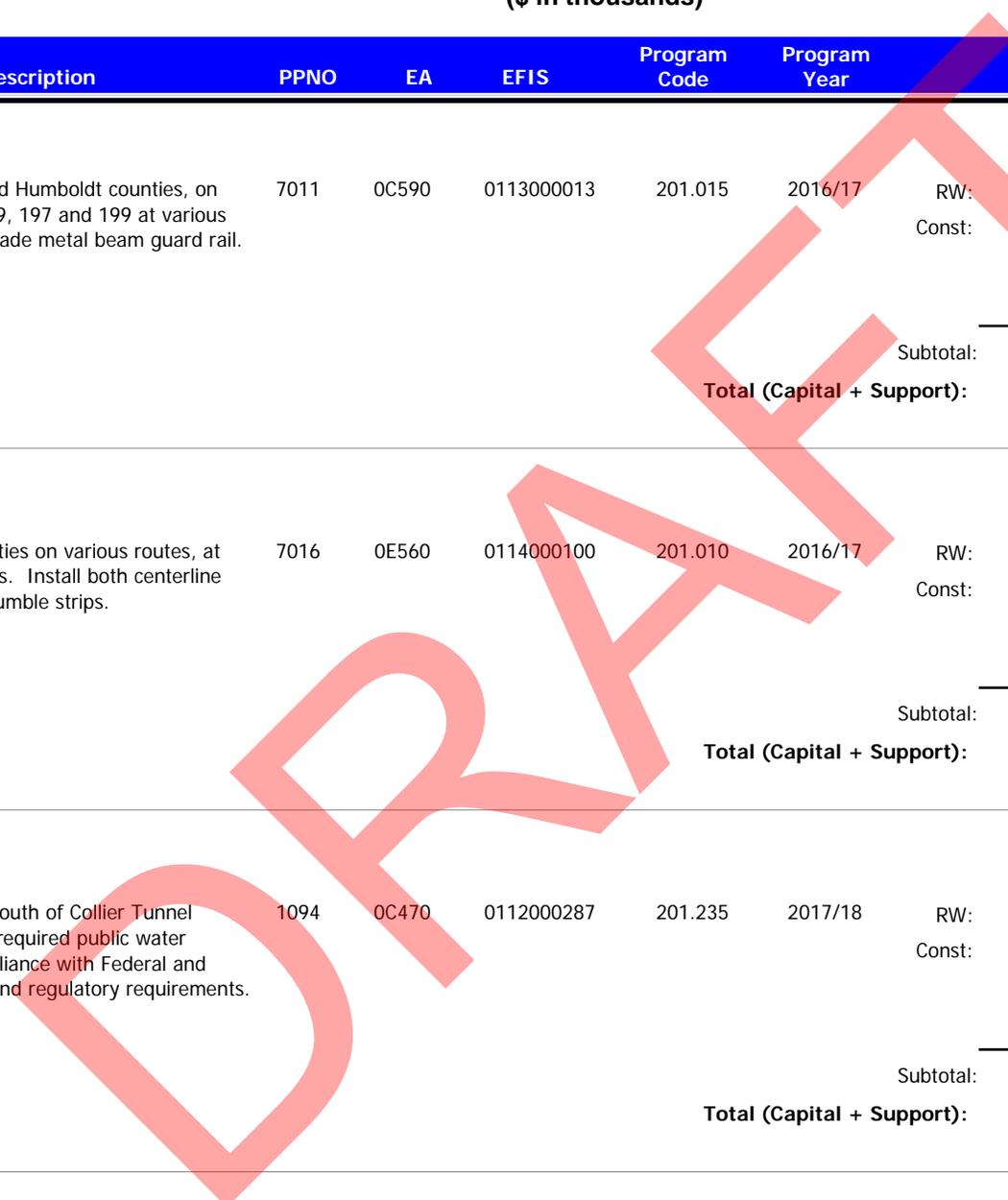
Contra Costa County Total (Capital + Support): \$68,689



2016 SHOPP V3.0 Project List Del Norte (\$ in thousands)



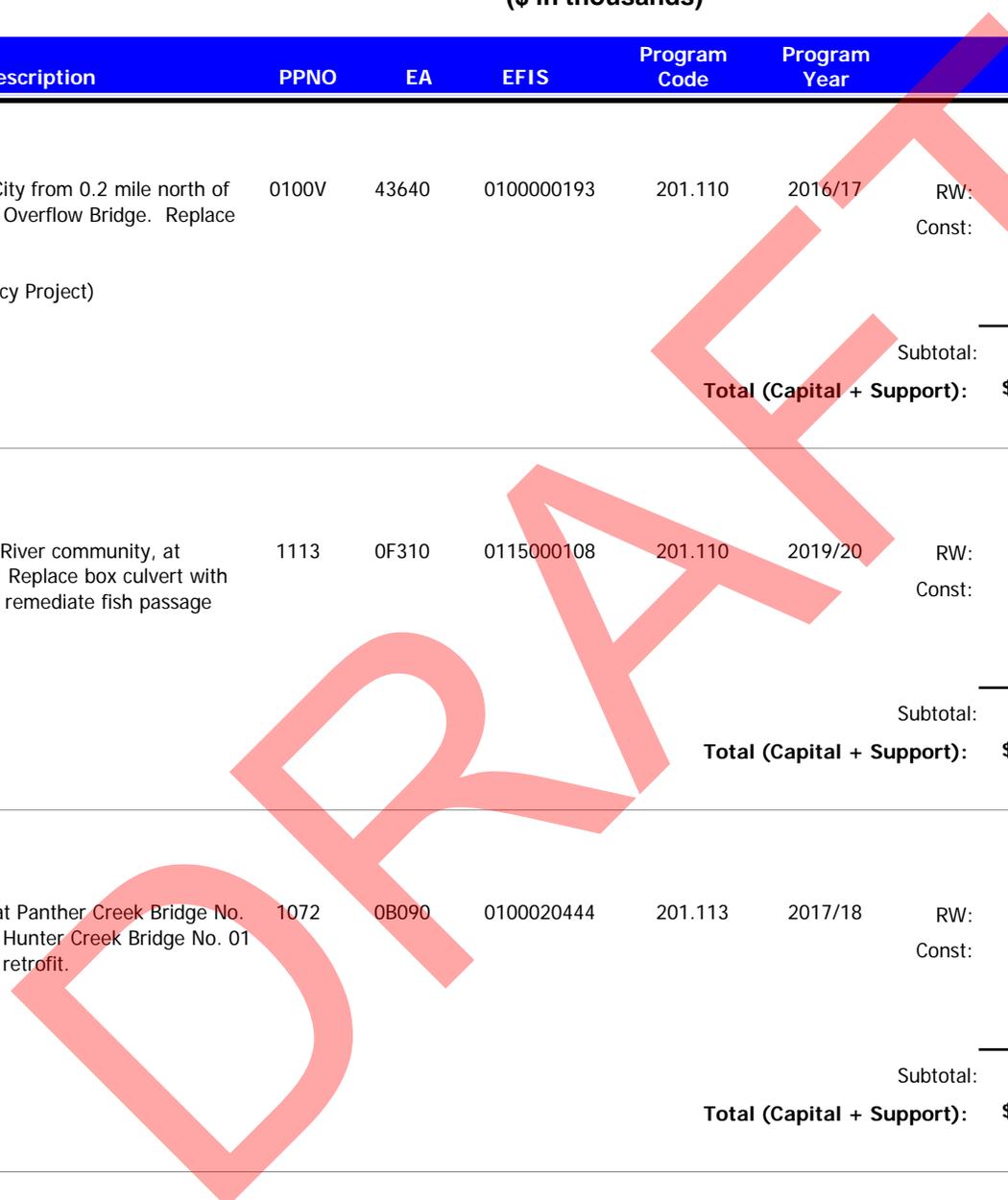
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
101		In Del Norte and Humboldt counties, on Routes 101, 169, 197 and 199 at various locations. Upgrade metal beam guard rail.	7011	0C590	0113000013	201.015	2016/17	RW:	145	PA&ED:	504	PA&ED:	12/1/2015
								Const:	2,880	PS&E:	415	RTL:	1/1/2017
										RW:	39	RW Cert:	12/1/2016
										Con:	295		
								Subtotal:	3,025		1,253		
								Total (Capital + Support):	\$4,278				
101		In various counties on various routes, at various locations. Install both centerline and edge line rumble strips.	7016	0E560	0114000100	201.010	2016/17	RW:	7	PA&ED:	285	PA&ED:	1/2/2016
								Const:	2,900	PS&E:	398	RTL:	8/1/2016
										RW:	4	RW Cert:	7/15/2016
										Con:	511		
								Subtotal:	2,907		1,198		
								Total (Capital + Support):	\$4,105				
199	33.4	Near Idlewild, south of Collier Tunnel Bridge. Install required public water system in compliance with Federal and State statutes and regulatory requirements.	1094	0C470	0112000287	201.235	2017/18	RW:	7	PA&ED:	158	PA&ED:	7/15/2016
								Const:	1,751	PS&E:	638	RTL:	1/15/2018
										RW:	9	RW Cert:	1/1/2018
										Con:	479		
								Subtotal:	1,758		1,284		
								Total (Capital + Support):	\$3,042				



2016 SHOPP V3.0 Project List Del Norte (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
101	36.1	Near Crescent City from 0.2 mile north of the Smith River Overflow Bridge. Replace bridge. (G13 Contingency Project)	0100V	43640	0100000193	201.110	2016/17	RW:	1,500	PA&ED:	7,000	PA&ED:	2/1/2016
								Const:	0	PS&E:	3,700	RTL:	6/1/2016
										RW:	520	RW Cert:	5/1/2016
								Con:	0				
								Subtotal:	1,500		11,220		
								Total (Capital + Support):	\$12,720				
101	39.8	Near the Smith River community, at Dominie Creek. Replace box culvert with new bridge and remediate fish passage barrier.	1113	0F310	0115000108	201.110	2019/20	RW:	151	PA&ED:	1,068	PA&ED:	07/01/2018
								Const:	5,852	PS&E:	1,141	RTL:	12/01/2019
										RW:	154	RW Cert:	11/01/2019
								Con:	1,643				
								Subtotal:	6,003		4,006		
								Total (Capital + Support):	\$10,009				
101	8.2/8.7	Near Klamath, at Panther Creek Bridge No. 01-0025 and at Hunter Creek Bridge No. 01-0003. Seismic retrofit.	1072	0B090	0100020444	201.113	2017/18	RW:	5,589	PA&ED:	2,159	PA&ED:	10/1/2016
								Const:	13,290	PS&E:	3,720	RTL:	4/1/2018
										RW:	373	RW Cert:	3/1/2018
								Con:	3,282				
								Subtotal:	18,879		9,534		
								Total (Capital + Support):	\$28,413				



**2016 SHOPP V3.0 Project List
Del Norte
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
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ROADWAY PRESERVATION

199	1.1/36.3	In Del Norte County at various locations from north of Elk Valley Cross Road to south of the Oregon State Line. Culvert rehabilitation and fish passage.	1055	48800	0114000074	201.151	2019/20	RW: 166 Const: 4,998	PA&ED: 1,100 PS&E: 1,135 RW: 82 Con: 1,221	PA&ED: 1/1/2019 RTL: 3/1/2020 RW Cert: 2/1/2020
								Subtotal:	5,164	3,538
								Total (Capital + Support):	\$8,702	

RW:	7,565	PA&ED:	12,274
Const:	31,671	PS&E:	11,147
		RW:	1,181
		Con:	7,431
Subtotal:	39,236		32,033

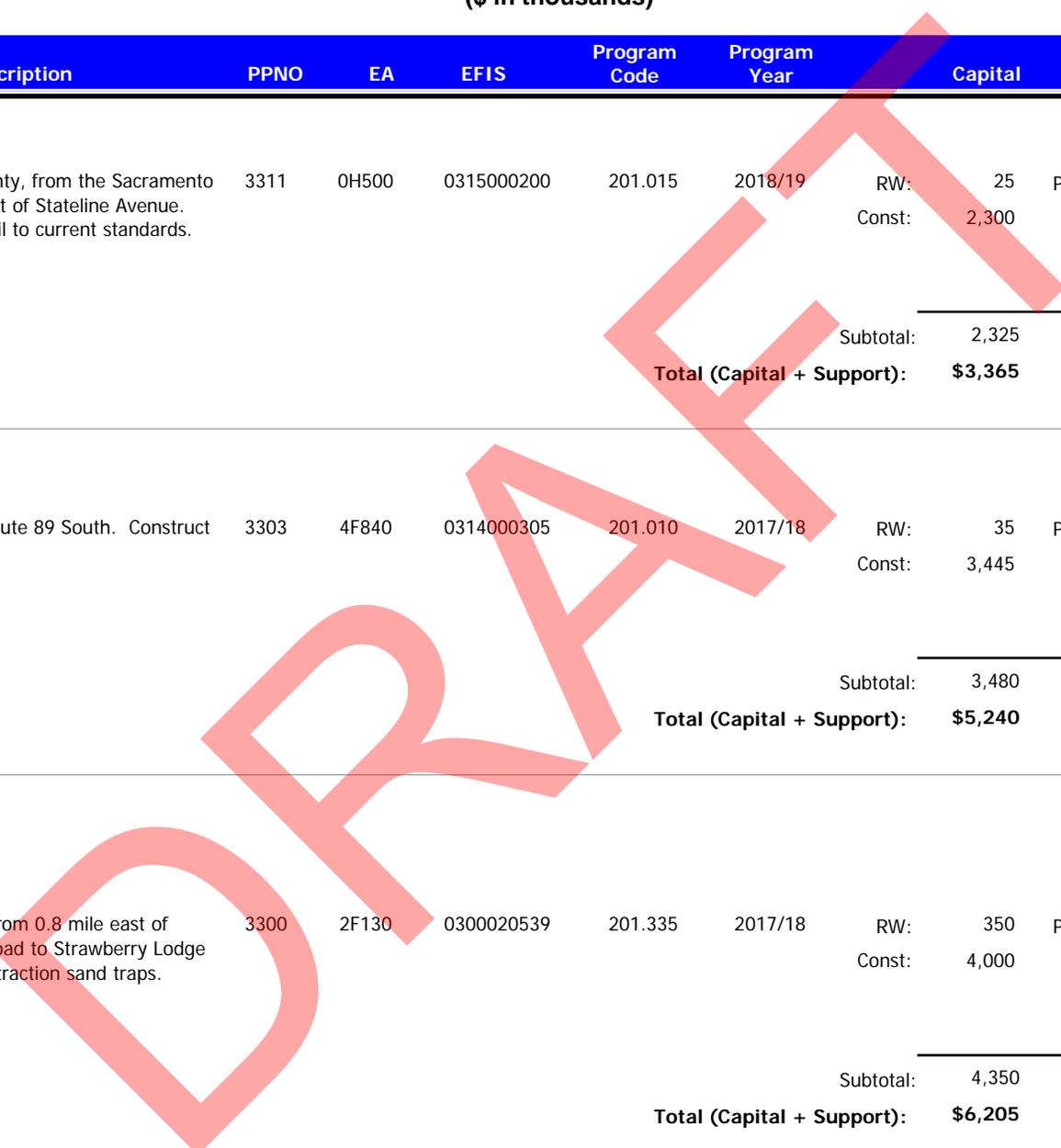
Del Norte County Total (Capital + Support): \$71,269



2016 SHOPP V3.0 Project List El Dorado (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
50	0.0/80.4	In El Dorado County, from the Sacramento County line to east of Stateline Avenue. Upgrade guard rail to current standards.	3311	0H500	0315000200	201.015	2018/19	RW:	25	PA&ED:	150	PA&ED:	2/1/2017
								Const:	2,300	PS&E:	360	RTL:	10/1/2018
										RW:	55	RW Cert:	10/1/2018
										Con:	475		
								Subtotal:	2,325		1,040		
								Total (Capital + Support):	\$3,365				
<hr/>													
50	70.6	Near Myers, at Route 89 South. Construct roundabout.	3303	4F840	0314000305	201.010	2017/18	RW:	35	PA&ED:	290	PA&ED:	11/1/2016
								Const:	3,445	PS&E:	550	RTL:	1/15/2018
										RW:	150	RW Cert:	1/5/2018
										Con:	770		
								Subtotal:	3,480		1,760		
								Total (Capital + Support):	\$5,240				
<hr/>													
<u>MANDATES</u>													
50	38.0/58.0	Near Placerville, from 0.8 mile east of Bridal Veil Falls Road to Strawberry Lodge Drive. Construct traction sand traps.	3300	2F130	0300020539	201.335	2017/18	RW:	350	PA&ED:	450	PA&ED:	7/1/2016
								Const:	4,000	PS&E:	475	RTL:	10/1/2017
										RW:	215	RW Cert:	9/20/2017
										Con:	715		
								Subtotal:	4,350		1,855		
								Total (Capital + Support):	\$6,205				



2016 SHOPP V3.0 Project List El Dorado (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
50	67.3	Near South Lake Tahoe, west of South Lake Tahoe at Echo Summit Sidehill Viaduct Bridge No. 25-0044. Rehabilitate or Replace bridge.	3304	3F530	0313000135	201.110	2017/18	RW:	27	PA&ED:	624	PA&ED:	7/15/2016
								Const:	6,000	PS&E:	1,317	RTL:	4/15/2018
										RW:	16	RW Cert:	4/15/2018
										Con:	1,502		
								Subtotal:	6,027			3,459	
								Total (Capital + Support):	\$9,486				
<hr/>													
50	R28.8	Near Pollock Pines, at Sawmill Undercrossing No. 25-0041; also in the city of Sacramento on Route 99, at 21st Avenue Undercrossing No. 24-0154 (PM 22.6) . Replace 1 bridge and rehabilitate 1 bridge deck.	6923	0H340	0315000146	201.110	2019/20	RW:	0	PA&ED:	340	PA&ED:	8/1/2017
								Const:	7,000	PS&E:	750	RTL:	7/15/2019
										RW:	12	RW Cert:	7/1/2019
										Con:	1,810		
								Subtotal:	7,000			2,912	
								Total (Capital + Support):	\$9,912				
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MOBILITY													
50	0.0/80.4	In El Dorado County, from the Sacramento County line to east of Stateline Avenue. Upgrade new Transportation Management System elements.	3312	0H520	0315000202	201.315	2019/20	RW:	150	PA&ED:	500	PA&ED:	8/1/2017
								Const:	9,150	PS&E:	1,000	RTL:	2/1/2020
										RW:	580	RW Cert:	2/1/2020
										Con:	1,620		
								Subtotal:	9,300			3,700	
								Total (Capital + Support):	\$13,000				



**2016 SHOPP V3.0 Project List
El Dorado
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
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RW:	587	PA&ED:	2,354
Const:	31,895	PS&E:	4,452
		RW:	1,028
		Con:	6,892
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Subtotal:	32,482		14,726

El Dorado County Total (Capital + Support): \$47,208

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**2016 SHOPP V3.0 Project List
Fresno
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
5	1.3/1.4	Near Coalinga, at the Coalinga-Avenal Safety Roadside Rest Area. Repair aging water and wastewater systems.	6736	OT230	0615000040	201.235	2018/19	RW:	102	PA&ED:	122	PA&ED:	7/18/2017
								Const:	2,703	PS&E:	783	RTL:	7/9/2018
										RW:	4	RW Cert:	7/2/2018
										Con:	841		
								Subtotal:	2,805		1,750		
								Total (Capital + Support):	\$4,555				
<hr/>													
168	R0.0/R11.7	In Fresno and Clovis, at various location from Route 180 to Shepherd Avenue. Roadside maintenance safety improvements.	1772	0E350	0612000136	201.235	2016/17	RW:	1	PA&ED:	107	PA&ED:	7/22/2015
								Const:	2,700	PS&E:	411	RTL:	12/15/2016
										RW:	1	RW Cert:	12/1/2016
										Con:	413		
								Subtotal:	2,701		932		
								Total (Capital + Support):	\$3,633				
<hr/>													
<u>MANDATES</u>													
33	69.3/70.9	In Firebaugh, from south of Morris Kyle Drive to Clyde Fannon Drive. Construct continuous accessible pedestrian path to comply with ADA standards.	6747	OT250	0615000043	201.361	2018/19	RW:	62	PA&ED:	221	PA&ED:	12/1/2016
								Const:	1,502	PS&E:	671	RTL:	7/17/2018
										RW:	199	RW Cert:	7/2/2018
										Con:	354		
								Subtotal:	1,564		1,445		
								Total (Capital + Support):	\$3,009				



2016 SHOPP V3.0 Project List Fresno (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
5	44.4/45.4	Near Mendota, at Tumeys Gulch Bridge (No. 42-0246L/R). Replace bridge. (G13 Contingency Project)	6725	OS830	0615000046	201.110	2019/20	RW:	79	PA&ED:	850	PA&ED:	7/31/2018
								Const:	0	PS&E:	1,900	RTL:	2/3/2020
										RW:	4	RW Cert:	1/3/2020
										Con:	0		
								Subtotal:	79		2,754		
								Total (Capital + Support):	\$2,833				
180	26.9	Near Mendota, at Fresno Slough Bridge No. 42-0041. Repair bridge.	6680	OQ510	0613000189	201.119	2016/17	RW:	14	PA&ED:	482	PA&ED:	5/2/2016
								Const:	1,785	PS&E:	861	RTL:	11/1/2016
										RW:	11	RW Cert:	8/1/2016
										Con:	909		
								Subtotal:	1,799		2,263		
								Total (Capital + Support):	\$4,062				
180	77.2	Near the city of Fresno, at Kings River Overflow Bridge No. 42-0074. Replace bridge.	6751	OU120	0615000207	201.110	2016/17	RW:	0	PA&ED:	0	PA&ED:	4/18/1996
								Const:	1,200	PS&E:	0	RTL:	6/29/2015
										RW:	0	RW Cert:	6/15/2015
										Con:	400		
								Subtotal:	1,200		400		
								Total (Capital + Support):	\$1,600				



**2016 SHOPP V3.0 Project List
Fresno
(\$ in thousands)**



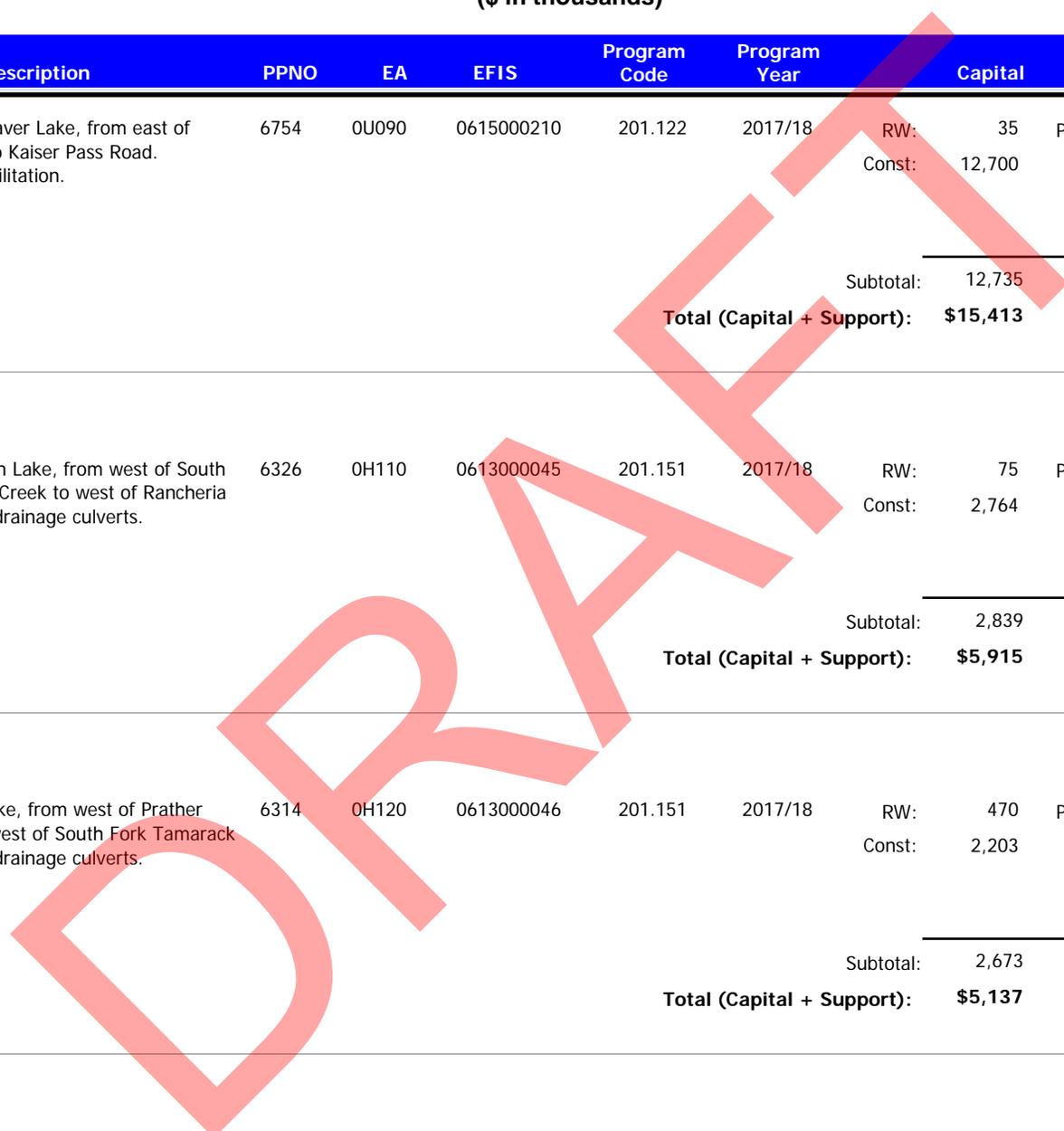
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
180	92.2	Near Squaw Valley, at Mill Creek Bridge (No. 42-0080); also near Cedar Grove at South Fork Kings River Bridge (No. 42-0024) PM 130.1. Bridge rail upgrade.	6766	0Q900	0614000047	201.112	2018/19	RW:	4	PA&ED:	480	PA&ED:	1/15/2018
								Const:	3,153	PS&E:	923	RTL:	2/25/2019
										RW:	10	RW Cert:	1/21/2019
										Con:	814		
								Subtotal:	3,157		2,227		
Total (Capital + Support):								\$5,384					
ROADWAY PRESERVATION													
5	21.0/31.0	Near Mendota, from Tuolumne Avenue Overcrossing to north of Route 33. Pavement rehabilitation.	6753	0U080	0615000209	201.121	2017/18	RW:	20	PA&ED:	147	PA&ED:	1/3/2017
								Const:	18,890	PS&E:	600	RTL:	1/2/2018
										RW:	11	RW Cert:	8/7/2017
										Con:	982		
								Subtotal:	18,910		1,740		
Total (Capital + Support):								\$20,650					
99	R0.9/R5.0	In and near Kingburg, from Route 201 to south of Second Street. Roadway rehabilitation.	6727	0S460	0615000038	201.122	2018/19	RW:	25	PA&ED:	577	PA&ED:	7/6/2017
								Const:	24,086	PS&E:	1,496	RTL:	11/6/2018
										RW:	43	RW Cert:	10/4/2018
										Con:	2,705		
								Subtotal:	24,111		4,821		
Total (Capital + Support):								\$28,932					



**2016 SHOPP V3.0 Project List
Fresno
(\$ in thousands)**



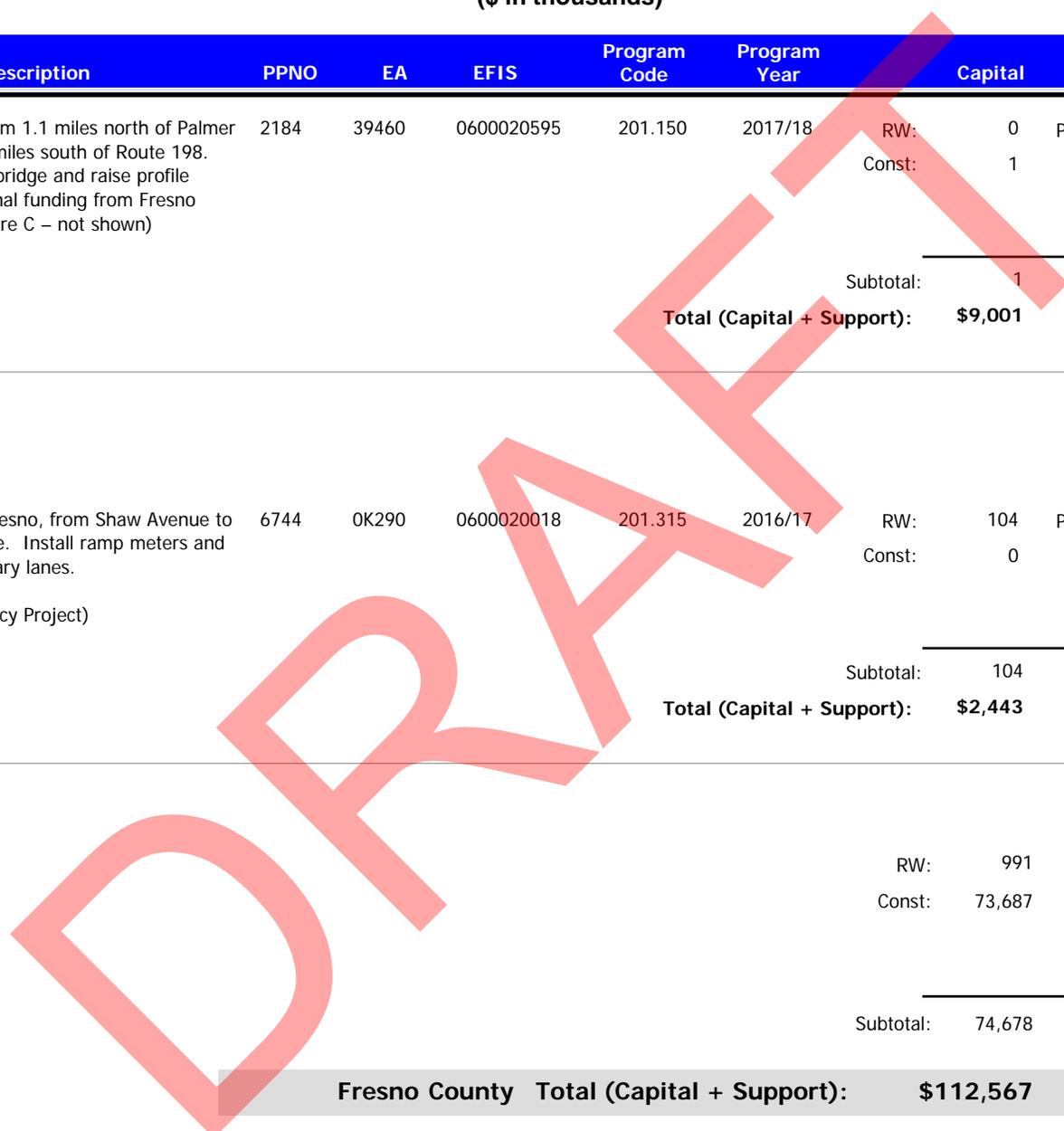
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
168	45.8/65.9	In and near Shaver Lake, from east of Warbler Lane to Kaiser Pass Road. Roadway rehabilitation.	6754	0U090	0615000210	201.122	2017/18	RW:	35	PA&ED:	512	PA&ED:	2/1/2017
								Const:	12,700	PS&E:	1,035	RTL:	11/6/2017
										RW:	6	RW Cert:	10/1/2017
										Con:	1,125		
								Subtotal:	12,735		2,678		
Total (Capital + Support):								\$15,413					
168	57.8/65.4	Near Huntington Lake, from west of South Fork Tamarack Creek to west of Rancheria Creek. Repair drainage culverts.	6326	0H110	0613000045	201.151	2017/18	RW:	75	PA&ED:	962	PA&ED:	12/1/2016
								Const:	2,764	PS&E:	1,363	RTL:	3/15/2018
										RW:	97	RW Cert:	12/1/2017
										Con:	654		
								Subtotal:	2,839		3,076		
Total (Capital + Support):								\$5,915					
168	T32.1/57.6	Near Shaver Lake, from west of Prather Pond Road to west of South Fork Tamarack Creek. Repair drainage culverts.	6314	0H120	0613000046	201.151	2017/18	RW:	470	PA&ED:	948	PA&ED:	12/1/2016
								Const:	2,203	PS&E:	963	RTL:	3/15/2018
										RW:	53	RW Cert:	12/1/2017
										Con:	500		
								Subtotal:	2,673		2,464		
Total (Capital + Support):								\$5,137					



2016 SHOPP V3.0 Project List Fresno (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
269	10.7/12.3	Near Huron, from 1.1 miles north of Palmer Avenue to 0.4 miles south of Route 198. Construct new bridge and raise profile grade. (Additional funding from Fresno sales tax Measure C – not shown)	2184	39460	0600020595	201.150	2017/18	RW:	0	PA&ED:	2,200	PA&ED:	8/27/2015
								Const:	1	PS&E:	2,500	RTL:	3/31/2017
										RW:	300	RW Cert:	3/31/2017
										Con:	4,000		
								Subtotal:	1		9,000		
Total (Capital + Support):									\$9,001				
<hr/>													
MOBILITY													
99	22.7/28.1	In the city of Fresno, from Shaw Avenue to Belmont Avenue. Install ramp meters and construct auxiliary lanes. (G13 Contingency Project)	6744	0K290	0600020018	201.315	2016/17	RW:	104	PA&ED:	755	PA&ED:	4/1/2016
								Const:	0	PS&E:	1,062	RTL:	3/1/2017
										RW:	522	RW Cert:	2/24/2017
										Con:	0		
								Subtotal:	104		2,339		
Total (Capital + Support):									\$2,443				
<hr/>													
								RW:	991	PA&ED:	8,363		
								Const:	73,687	PS&E:	14,568		
										RW:	1,261		
										Con:	13,697		
								Subtotal:	74,678		37,889		
Fresno County Total (Capital + Support):									\$112,567				



**2016 SHOPP V3.0 Project List
Glenn
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
5	R14.6	Near Willows, at the Willows Safety Roadside Rest Area (SRRA). Upgrade potable water and wastewater systems.	3710	4F420	0314000161	201.235	2019/20	RW:	20	PA&ED:	540	PA&ED:	10/10/2018
								Const:	4,100	PS&E:	550	RTL:	7/7/2019
										RW:	60	RW Cert:	7/7/2019
										Con:	1,180		
								Subtotal:	4,120		2,330		
								Total (Capital + Support):	\$6,450				
<u>MANDATES</u>													
32	L0.0/0.8	In Orland, from Route 5 to Woodward Avenue. Upgrade pedestrian infrastructure to meet Americans with Disabilities Act (ADA) requirements.	3788	4F810	0314000291	201.361	2019/20	RW:	88	PA&ED:	240	PA&ED:	8/1/2017
								Const:	700	PS&E:	405	RTL:	10/1/2019
										RW:	465	RW Cert:	9/1/2019
										Con:	260		
								Subtotal:	788		1,370		
								Total (Capital + Support):	\$2,158				



**2016 SHOPP V3.0 Project List
Glenn
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
162	76.7	Near Butte, at Sacramento Bridge #11 -0017. Seismic retrofit. (G13 Contingency Project)	2633	3F060	0312000052	201.113	2016/17	RW:	1,000	PA&ED:	1,000	PA&ED:	8/15/2016
								Const:	0	PS&E:	3,500	RTL:	10/1/2016
										RW:	600	RW Cert:	9/1/2016
										Con:	0		
								Subtotal:	1,000		5,100		
								Total (Capital + Support):	\$6,100				
ROADWAY PRESERVATION													
5	0.0/20.0	In and near Willows, from Colusa County Line to 0.2 miles north of County Road 28. Rehabilitate pavement.	2792	4F060	0314000019	201.121	2016/17	RW:	21	PA&ED:	1,350	PA&ED:	10/1/2015
								Const:	32,120	PS&E:	1,070	RTL:	4/15/2016
										RW:	350	RW Cert:	3/15/2016
										Con:	3,800		
								Subtotal:	32,141		6,570		
								Total (Capital + Support):	\$38,711				
5	VAR	In various counties on various routes at various locations. Upgrade sign panels and lighting to make standard.	3711	0H490	0315000199	201.170	2017/18	RW:	0	PA&ED:	113	PA&ED:	1/1/2017
								Const:	1,105	PS&E:	207	RTL:	10/15/2017
										RW:	11	RW Cert:	10/1/2017
										Con:	267		
								Subtotal:	1,105		598		
								Total (Capital + Support):	\$1,703				



**2016 SHOPP V3.0 Project List
Glenn
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
								RW: 1,129	PA&ED: 3,243	
								Const: 38,025	PS&E: 5,732	
									RW: 1,486	
									Con: 5,507	
								<hr/>		
								Subtotal: 39,154	15,968	
Glenn County Total (Capital + Support):								\$55,122		

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2016 SHOPP V3.0 Project List Humboldt (\$ in thousands)



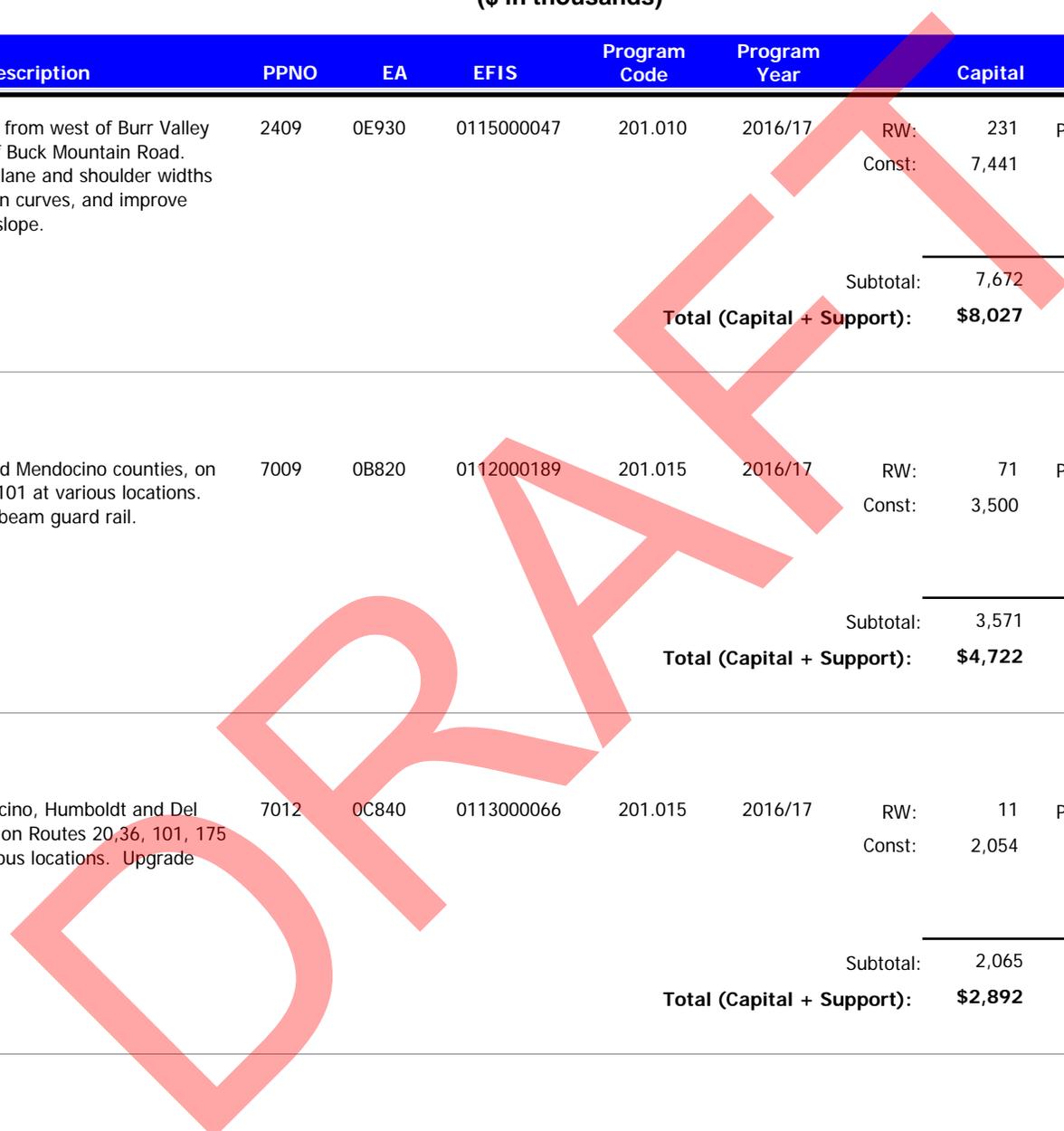
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
101	110.6	Near Trinidad at 1.9 miles south of Kane Road; also at 1.3 miles north of Kane Road (PM T113.8). Reconstruct roadway and de-water.	2340	0B420	0112000126	201.131	2016/17	RW:	760	PA&ED:	270	PA&ED:	6/30/2015
								Const:	5,000	PS&E:	1,020	RTL:	3/1/2017
										RW:	90	RW Cert:	1/1/2017
										Con:	1,120		
								Subtotal:	5,760		2,500		
								Total (Capital + Support):	\$8,260				
<hr/>													
254	4.4/11.2	Near Garberville, from 1.2 miles north of State Park Road to 0.4 mile north of Bridge Creek. Required mitigation for EA 01 -47502 to reconstruct and restore culverts.	2381	47531	0113000112	201.131	2016/17	RW:	50	PA&ED:	208	PA&ED:	12/30/2015
								Const:	873	PS&E:	337	RTL:	12/30/2016
										RW:	89	RW Cert:	12/15/2016
										Con:	256		
								Subtotal:	923		890		
								Total (Capital + Support):	\$1,813				
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COLLISION REDUCTION													
36	0.1/1.6	Near Fortuna, from Route 101 to River Bar Road. Shoulder widening.	2379	0E010	0113000090	201.015	2019/20	RW:	2,727	PA&ED:	910	PA&ED:	6/1/2018
								Const:	7,187	PS&E:	886	RTL:	2/15/2020
										RW:	592	RW Cert:	2/1/2020
										Con:	955		
								Subtotal:	9,914		3,343		
								Total (Capital + Support):	\$13,257				



2016 SHOPP V3.0 Project List Humboldt (\$ in thousands)



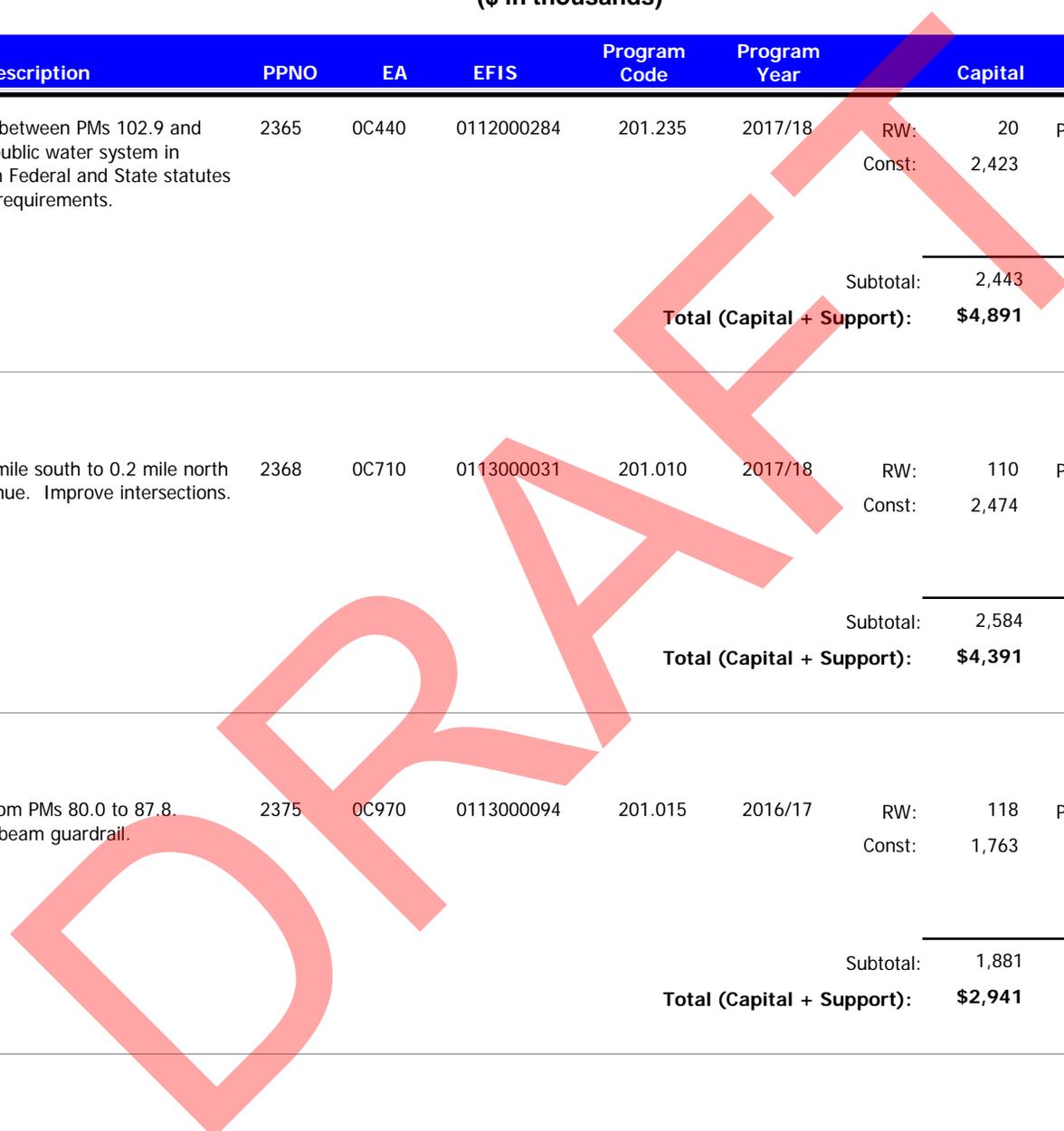
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
36	36.6/39.9	Near Dinsmore, from west of Burr Valley Road to west of Buck Mountain Road. Widen to make lane and shoulder widths standard, realign curves, and improve roadway cross-slope.	2409	0E930	0115000047	201.010	2016/17	RW:	231	PA&ED:	90	PA&ED:	1/30/2015
								Const:	7,441	PS&E:	75	RTL:	7/15/2016
										RW:	150	RW Cert:	7/1/2016
										Con:	40		
								Subtotal:	7,672		355		
Total (Capital + Support):									\$8,027				
101		In Humboldt and Mendocino counties, on Routes 20 and 101 at various locations. Upgrade metal beam guard rail.	7009	0B820	0112000189	201.015	2016/17	RW:	71	PA&ED:	173	PA&ED:	10/1/2015
								Const:	3,500	PS&E:	345	RTL:	2/1/2017
										RW:	104	RW Cert:	1/15/2017
										Con:	529		
								Subtotal:	3,571		1,151		
Total (Capital + Support):									\$4,722				
101		In Lake, Mendocino, Humboldt and Del Norte counties, on Routes 20, 36, 101, 175 and 299 at various locations. Upgrade crash cushions.	7012	0C840	0113000066	201.015	2016/17	RW:	11	PA&ED:	144	PA&ED:	9/1/2015
								Const:	2,054	PS&E:	268	RTL:	9/1/2016
										RW:	62	RW Cert:	8/1/2016
										Con:	353		
								Subtotal:	2,065		827		
Total (Capital + Support):									\$2,892				



2016 SHOPP V3.0 Project List Humboldt (\$ in thousands)



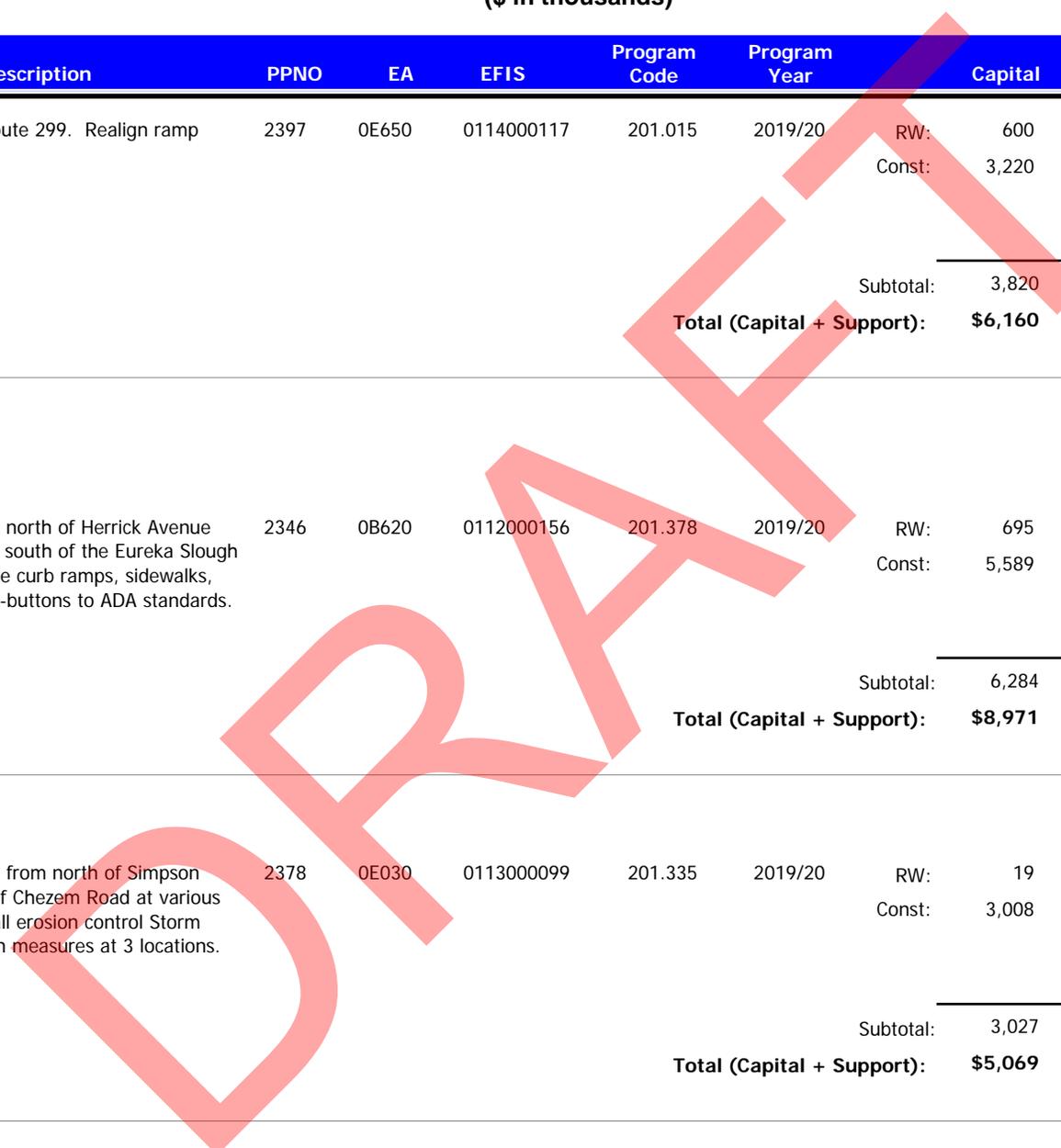
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	102.9/105.2	Near Trinidad, between PMs 102.9 and 105.2. Install public water system in compliance with Federal and State statutes and regulatory requirements.	2365	0C440	0112000284	201.235	2017/18	RW:	20	PA&ED:	412	PA&ED:	3/1/2017
								Const:	2,423	PS&E:	1,204	RTL:	3/1/2018
										RW:	39	RW Cert:	2/1/2018
										Con:	793		
								Subtotal:	2,443		2,448		
Total (Capital + Support):									\$4,891				
101	77.0/77.5	In Eureka, 0.3 mile south to 0.2 mile north of Wabash Avenue. Improve intersections.	2368	0C710	0113000031	201.010	2017/18	RW:	110	PA&ED:	395	PA&ED:	10/1/2016
								Const:	2,474	PS&E:	704	RTL:	8/1/2017
										RW:	164	RW Cert:	7/1/2017
										Con:	544		
								Subtotal:	2,584		1,807		
Total (Capital + Support):									\$4,391				
101	80.8/87.8	Near Eureka, from PMs 80.0 to 87.8. Upgrade metal beam guardrail.	2375	0C970	0113000094	201.015	2016/17	RW:	118	PA&ED:	310	PA&ED:	5/1/2016
								Const:	1,763	PS&E:	415	RTL:	1/2/2017
										RW:	48	RW Cert:	1/2/2017
										Con:	287		
								Subtotal:	1,881		1,060		
Total (Capital + Support):									\$2,941				



2016 SHOPP V3.0 Project List Humboldt (\$ in thousands)



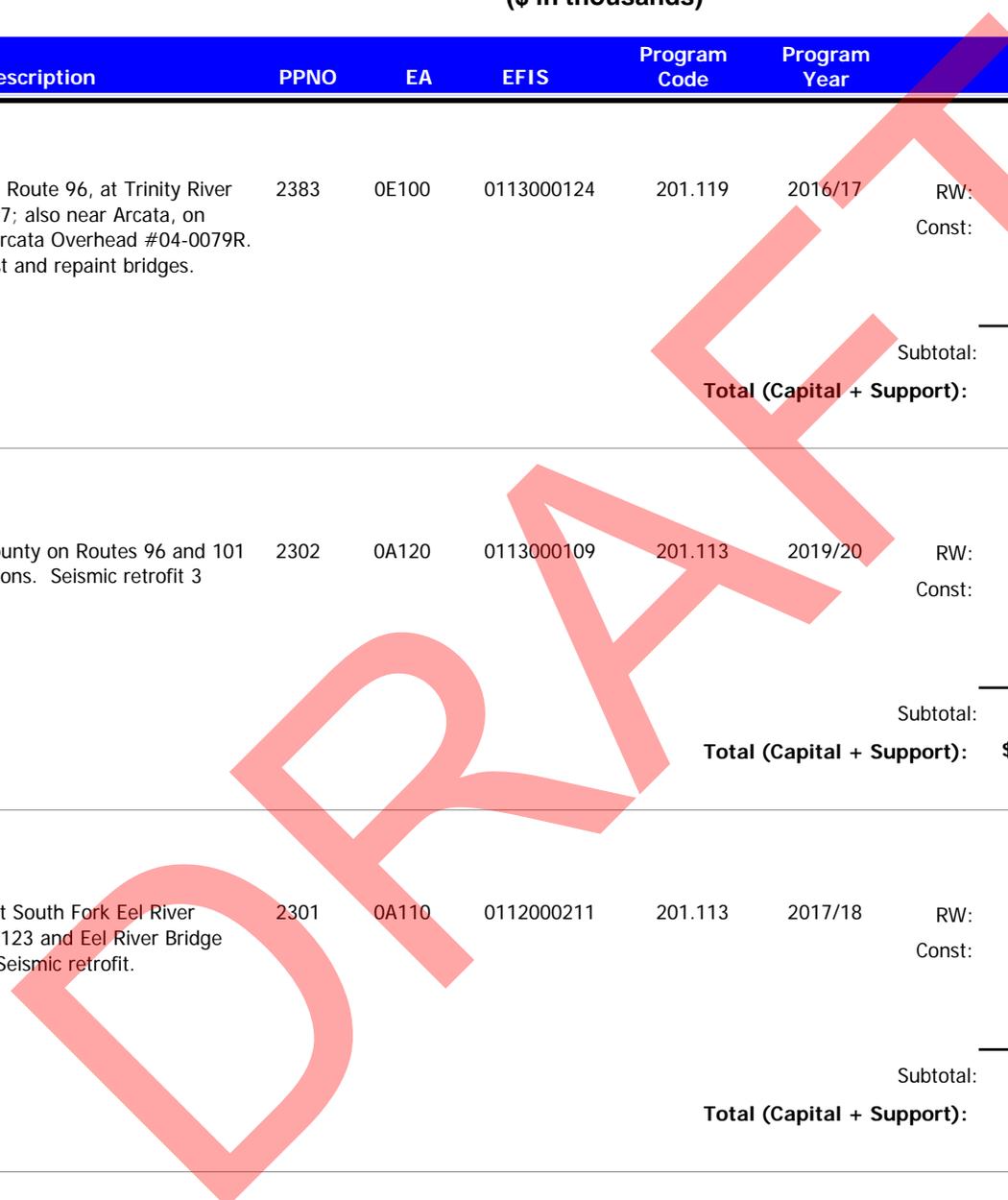
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	88.2/88.3	In Arcata, at Route 299. Realign ramp curve.	2397	0E650	0114000117	201.015	2019/20	RW:	600	PA&ED:	901	PA&ED:	9/1/2018
								Const:	3,220	PS&E:	662	RTL:	1/1/2020
										RW:	164	RW Cert:	12/1/2019
										Con:	613		
								Subtotal:	3,820		2,340		
Total (Capital + Support):									\$6,160				
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MANDATES													
101	75.3/77.6	In Eureka, from north of Herrick Avenue Overcrossing to south of the Eureka Slough Bridge. Upgrade curb ramps, sidewalks, and signal push-buttons to ADA standards.	2346	0B620	0112000156	201.378	2019/20	RW:	695	PA&ED:	462	PA&ED:	6/1/2018
								Const:	5,589	PS&E:	921	RTL:	3/1/2020
										RW:	644	RW Cert:	3/1/2020
										Con:	660		
								Subtotal:	6,284		2,687		
Total (Capital + Support):									\$8,971				
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299	R16.1/R16.4	Near Blue Lake, from north of Simpson Road to north of Chezem Road at various locations. Install erosion control Storm Water Mitigation measures at 3 locations.	2378	0E030	0113000099	201.335	2019/20	RW:	19	PA&ED:	425	PA&ED:	2/1/2018
								Const:	3,008	PS&E:	880	RTL:	8/1/2019
										RW:	89	RW Cert:	7/1/2019
										Con:	648		
								Subtotal:	3,027		2,042		
Total (Capital + Support):									\$5,069				



2016 SHOPP V3.0 Project List Humboldt (\$ in thousands)



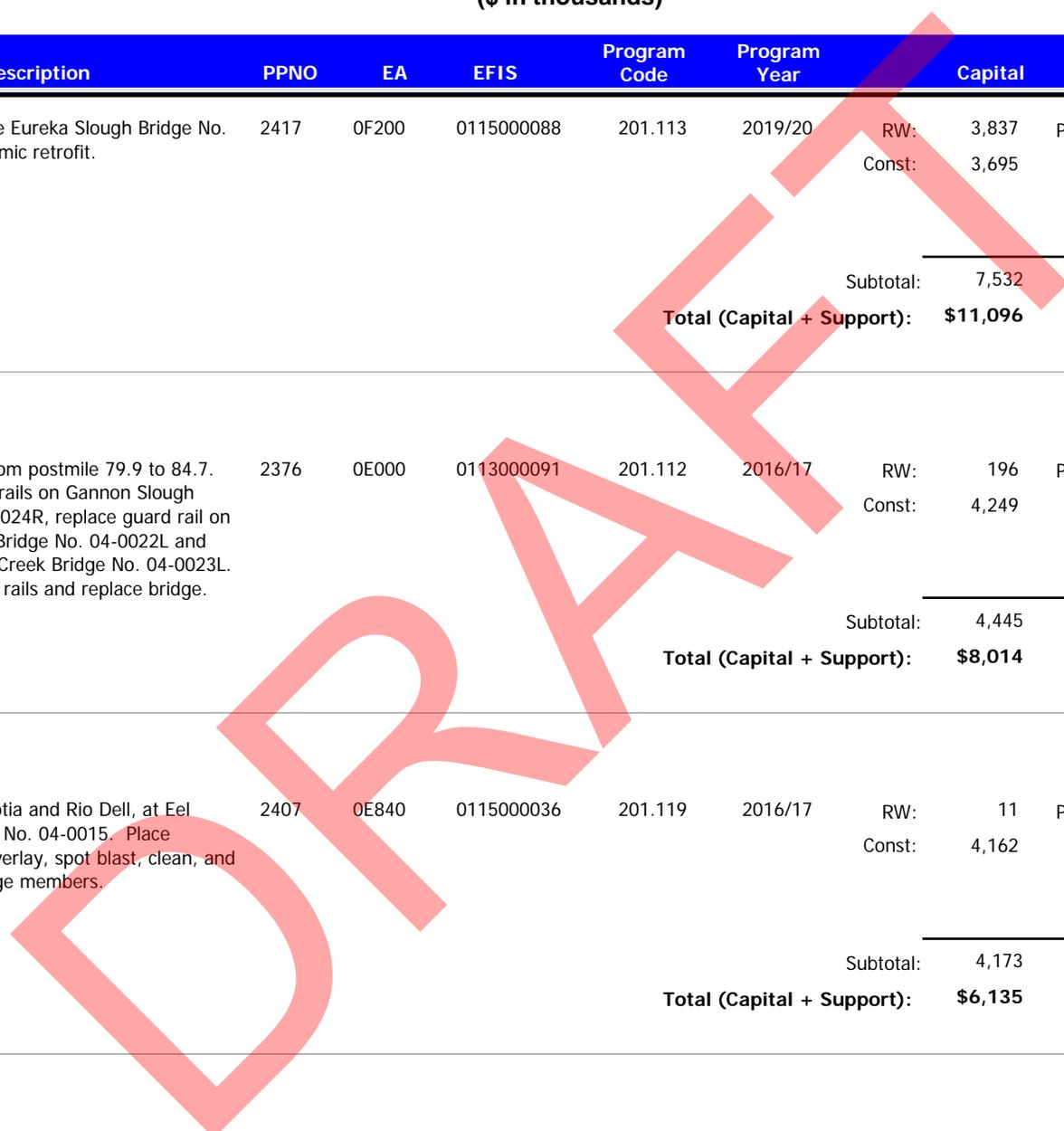
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
96		Near Hoopa, on Route 96, at Trinity River Bridge #04-0137; also near Arcata, on Route 101, at Arcata Overhead #04-0079R. Clean, spot blast and repaint bridges.	2383	0E100	0113000124	201.119	2016/17	RW:	21	PA&ED:	307	PA&ED:	11/1/2016
								Const:	1,845	PS&E:	455	RTL:	1/15/2017
										RW:	87	RW Cert:	1/15/2017
										Con:	516		
								Subtotal:	1,866		1,365		
								Total (Capital + Support):	\$3,231				
96	VAR	In Humboldt County on Routes 96 and 101 at various locations. Seismic retrofit 3 bridges.	2302	0A120	0113000109	201.113	2019/20	RW:	1,089	PA&ED:	1,419	PA&ED:	2/1/2019
								Const:	6,171	PS&E:	1,856	RTL:	3/1/2020
										RW:	171	RW Cert:	2/1/2020
										Con:	1,948		
								Subtotal:	7,260		5,394		
								Total (Capital + Support):	\$12,654				
101	27.7/M53.9	Near Fortuna, at South Fork Eel River Bridge No. 04-0123 and Eel River Bridge No. 04-0016R. Seismic retrofit.	2301	0A110	0112000211	201.113	2017/18	RW:	44	PA&ED:	1,198	PA&ED:	11/1/2016
								Const:	5,565	PS&E:	1,145	RTL:	11/1/2017
										RW:	204	RW Cert:	10/15/2017
										Con:	1,171		
								Subtotal:	5,609		3,718		
								Total (Capital + Support):	\$9,327				



2016 SHOPP V3.0 Project List Humboldt (\$ in thousands)



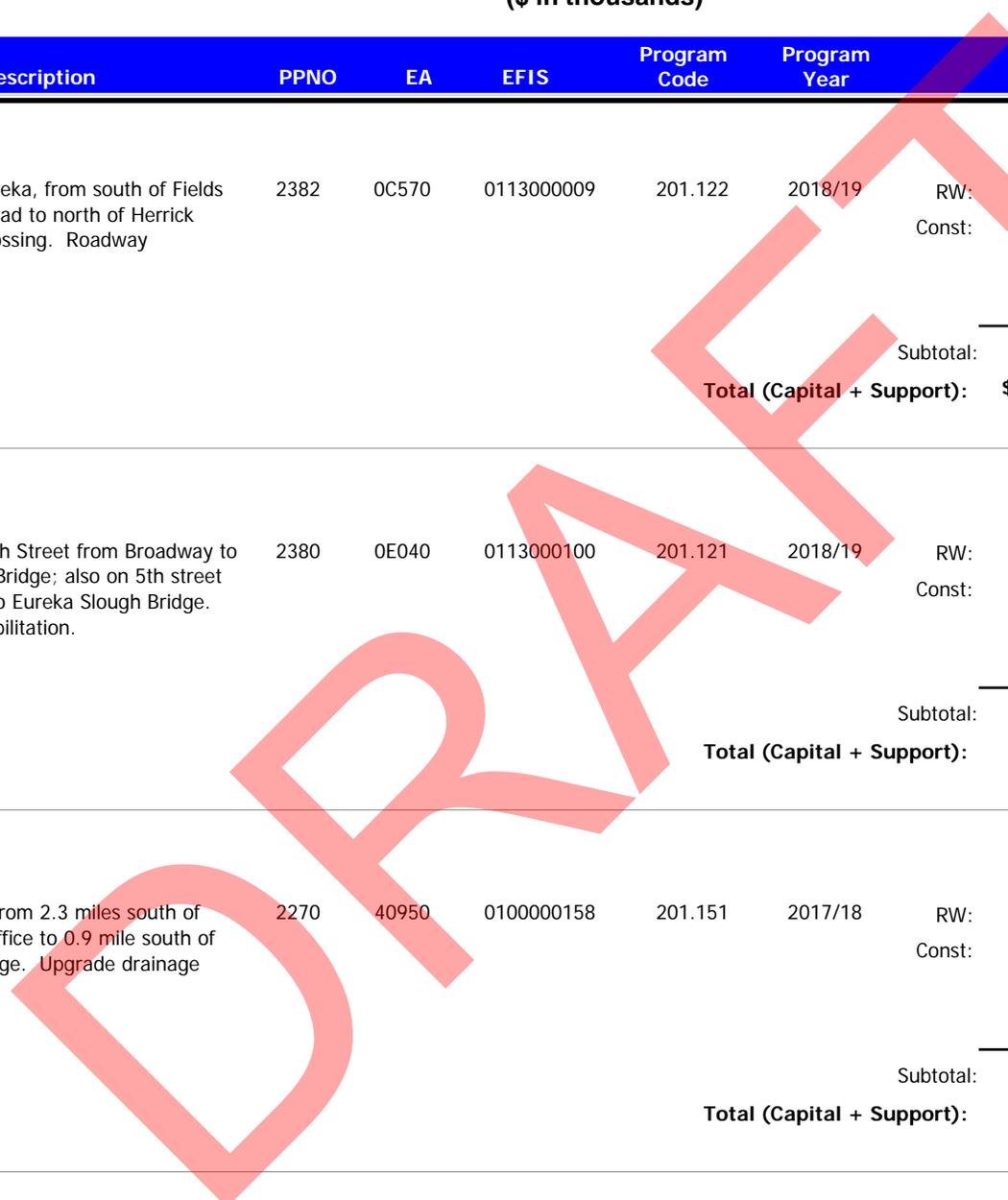
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	79.5/80.2	In Eureka at the Eureka Slough Bridge No. 04-0022L. Seismic retrofit.	2417	0F200	0115000088	201.113	2019/20	RW:	3,837	PA&ED:	709	PA&ED:	2/1/2019
								Const:	3,695	PS&E:	1,574	RTL:	3/1/2020
										RW:	75	RW Cert:	2/1/2020
										Con:	1,206		
								Subtotal:	7,532		3,564		
Total (Capital + Support):									\$11,096				
101	79.9/84.7	Near Eureka, from postmile 79.9 to 84.7. Replace bridge rails on Gannon Slough Bridge No. 04-0024R, replace guard rail on Eureka Slough Bridge No. 04-0022L and replace Jacoby Creek Bridge No. 04-0023L. Upgrade bridge rails and replace bridge.	2376	0E000	0113000091	201.112	2016/17	RW:	196	PA&ED:	750	PA&ED:	5/1/2016
								Const:	4,249	PS&E:	1,514	RTL:	1/1/2017
										RW:	63	RW Cert:	12/1/2016
										Con:	1,242		
								Subtotal:	4,445		3,569		
Total (Capital + Support):									\$8,014				
283	0.1	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.	2407	0E840	0115000036	201.119	2016/17	RW:	11	PA&ED:	296	PA&ED:	10/1/2016
								Const:	4,162	PS&E:	679	RTL:	4/1/2017
										RW:	14	RW Cert:	4/1/2017
										Con:	973		
								Subtotal:	4,173		1,962		
Total (Capital + Support):									\$6,135				



2016 SHOPP V3.0 Project List Humboldt (\$ in thousands)



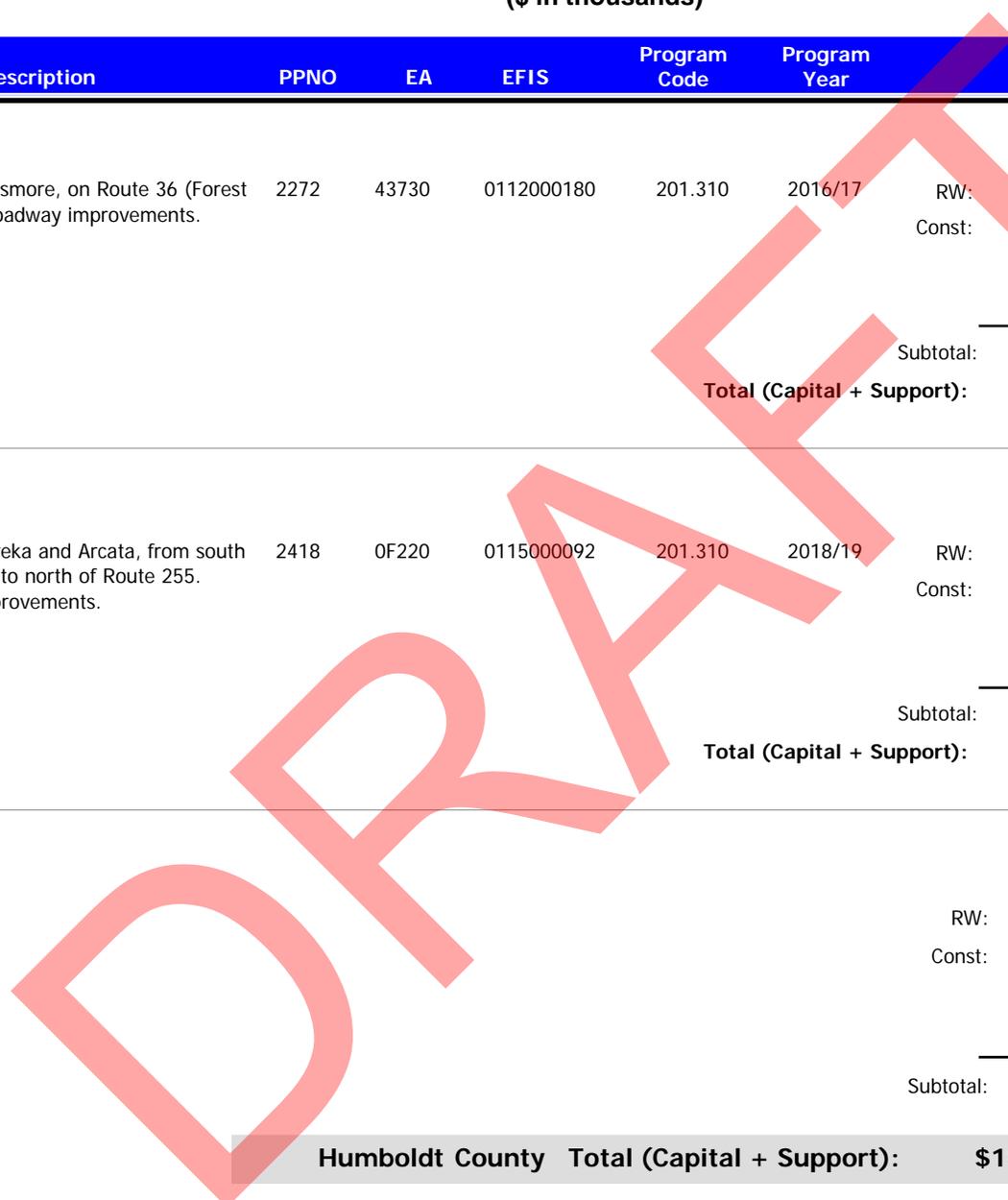
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
101	69.9/75.2	In and near Eureka, from south of Fields Landing Overhead to north of Herrick Avenue Overcrossing. Roadway rehabilitation.	2382	0C570	0113000009	201.122	2018/19	RW:	366	PA&ED:	646	PA&ED:	3/1/2018
								Const:	31,243	PS&E:	1,258	RTL:	1/2/2020
										RW:	52	RW Cert:	12/11/2019
										Con:	6,696		
								Subtotal:	31,609		8,652		
								Total (Capital + Support):	\$40,261				
<hr/>													
101	78.0/79.8	In Eureka on 4th Street from Broadway to Eureka Slough Bridge; also on 5th street from O Street to Eureka Slough Bridge. Pavement rehabilitation.	2380	0E040	0113000100	201.121	2018/19	RW:	21	PA&ED:	107	PA&ED:	10/1/2017
								Const:	3,135	PS&E:	167	RTL:	11/1/2018
										RW:	104	RW Cert:	10/1/2018
										Con:	725		
								Subtotal:	3,156		1,103		
								Total (Capital + Support):	\$4,259				
<hr/>													
254	6.8/42.1	Near Miranda, from 2.3 miles south of Miranda Post Office to 0.9 mile south of Bear Creek Bridge. Upgrade drainage systems.	2270	40950	0100000158	201.151	2017/18	RW:	305	PA&ED:	266	PA&ED:	1/1/2017
								Const:	1,160	PS&E:	140	RTL:	8/1/2017
										RW:	151	RW Cert:	7/1/2017
										Con:	190		
								Subtotal:	1,465		747		
								Total (Capital + Support):	\$2,212				



2016 SHOPP V3.0 Project List Humboldt (\$ in thousands)



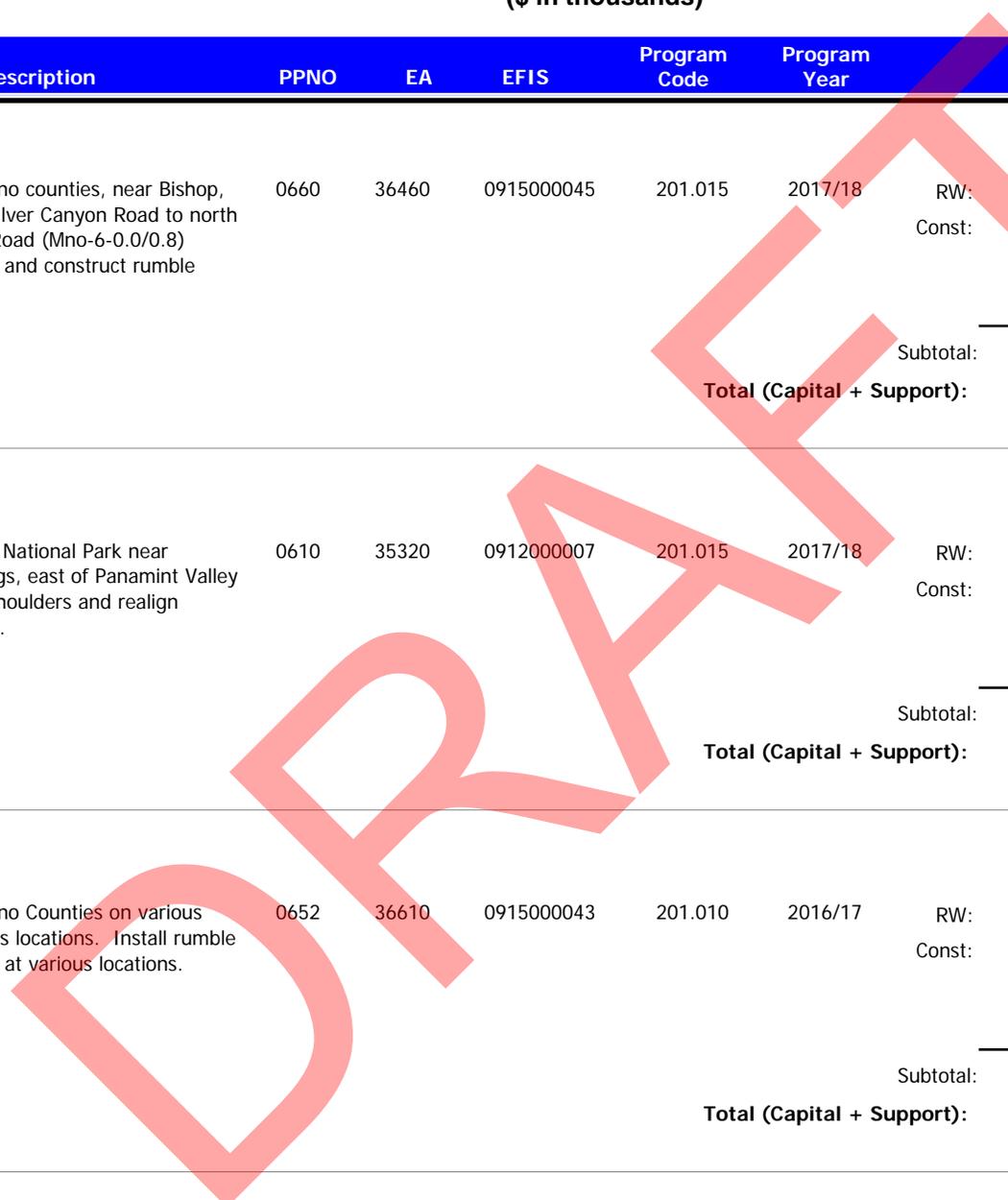
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital		Support		Milestones	
MOBILITY														
36	36.1/40.5	In and near Dinsmore, on Route 36 (Forest Highway 4). Roadway improvements.	2272	43730	0112000180	201.310	2016/17	RW:	1,020	PA&ED:	200	PA&ED:	1/30/2015	
								Const:	6,090	PS&E:	30	RTL:	7/15/2016	
										RW:	600	RW Cert:	7/1/2016	
										Con:	40			
								Subtotal:	7,110		870			
Total (Capital + Support):									\$7,980					
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101	79.9/86.1	In and near Eureka and Arcata, from south of Cole Avenue to north of Route 255. Operational improvements.	2418	0F220	0115000092	201.310	2018/19	RW:	240	PA&ED:	414	PA&ED:	2/1/2017	
								Const:	6,807	PS&E:	667	RTL:	7/15/2018	
										RW:	114	RW Cert:	6/1/2018	
										Con:	830			
								Subtotal:	7,047		2,025			
Total (Capital + Support):									\$9,072					
<hr/>														
								RW:	12,562	PA&ED:	11,012			
								Const:	118,654	PS&E:	17,202			
										RW:	3,870			
										Con:	22,335			
								Subtotal:	131,216		54,419			
Humboldt County Total (Capital + Support):									\$185,635					



2016 SHOPP V3.0 Project List Inyo (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
<u>COLLISION REDUCTION</u>												
6	4.3/8.4	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.	0660	36460	0915000045	201.015	2017/18	RW: 0 Const: 3,790	PA&ED: 300 PS&E: 974 RW: 2 Con: 1,119		PA&ED: 9/26/2016 RTL: 8/31/2017 RW Cert: 2/22/2017	
								Subtotal:	3,790	2,395		
								Total (Capital + Support):	\$6,185			
190	69.2/69.8	In Death Valley National Park near Panamint Springs, east of Panamint Valley Road. Widen shoulders and realign roadway curves.	0610	35320	0912000007	201.015	2017/18	RW: 322 Const: 4,323	PA&ED: 535 PS&E: 850 RW: 130 Con: 520		PA&ED: 1/3/2017 RTL: 6/29/2018 RW Cert: 3/5/2018	
								Subtotal:	4,645	2,035		
								Total (Capital + Support):	\$6,680			
VAR		In Inyo and Mono Counties on various routes at various locations. Install rumble strips and signs at various locations.	0652	36610	0915000043	201.010	2016/17	RW: 1 Const: 420	PA&ED: 80 PS&E: 150 RW: 1 Con: 265		PA&ED: 4/1/2016 RTL: 11/1/2016 RW Cert: 10/1/2016	
								Subtotal:	421	496		
								Total (Capital + Support):	\$917			



2016 SHOPP V3.0 Project List Inyo (\$ in thousands)



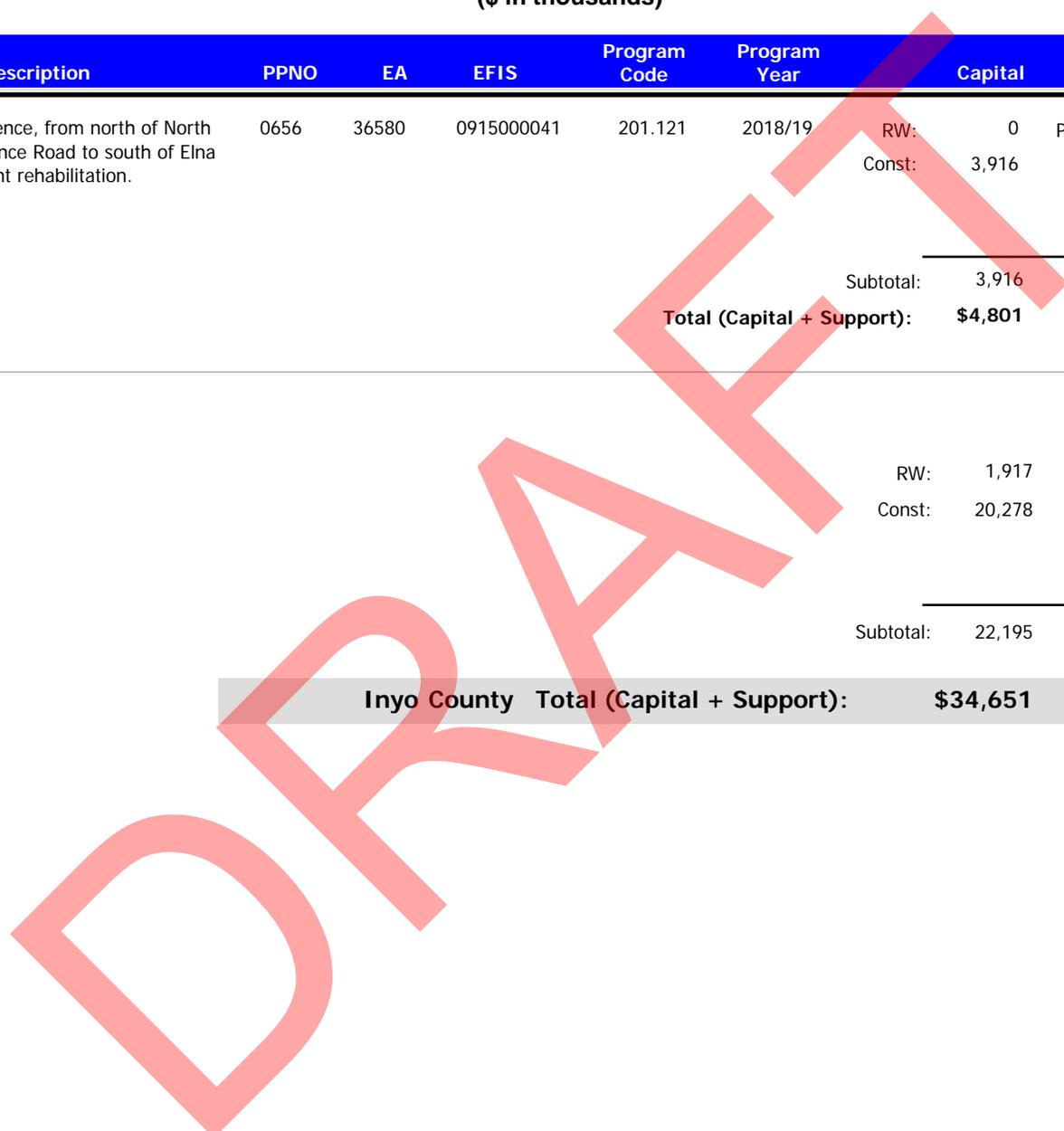
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MANDATES													
168		In Bishop, from Pioneer Lane to Route 395; also on Route 395 from Jay Street to Wye Road. Upgrade pedestrian facilities.	0611	35210	0900020090	201.378	2017/18	RW:	1,448	PA&ED:	287	PA&ED:	1/30/2015
								Const:	3,270	PS&E:	936	RTL:	5/26/2017
										RW:	1,730	RW Cert:	5/26/2017
										Con:	765		
								Subtotal:	4,718		3,718		
								Total (Capital + Support):	\$8,436				
ROADWAY PRESERVATION													
127		Near Shoshone, at various locations. Replace deteriorating culverts.	0614	35750	0913000002	201.151	2016/17	RW:	81	PA&ED:	160	PA&ED:	9/1/2015
								Const:	2,349	PS&E:	630	RTL:	2/2/2017
										RW:	47	RW Cert:	11/2/2016
										Con:	580		
								Subtotal:	2,430		1,417		
								Total (Capital + Support):	\$3,847				
178	43.4/44.2	Near Shoshone, from east of Route 127 to Chicago Valley Road. Replace and install culverts.	0653	36340	0915000002	201.151	2019/20	RW:	65	PA&ED:	405	PA&ED:	7/1/2018
								Const:	2,210	PS&E:	620	RTL:	3/1/2020
										RW:	80	RW Cert:	3/1/2020
										Con:	405		
								Subtotal:	2,275		1,510		
								Total (Capital + Support):	\$3,785				



**2016 SHOPP V3.0 Project List
Inyo
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
395	77.4/91.6	Near Independence, from north of North Fort Independence Road to south of Elna Road. Pavement rehabilitation.	0656	36580	0915000041	201.121	2018/19	RW:	0	PA&ED:	94	PA&ED:	9/30/2016
								Const:	3,916	PS&E:	365	RTL:	8/7/2017
										RW:	1	RW Cert:	11/14/2016
										Con:	425		
								Subtotal:	3,916		885		
Total (Capital + Support):								\$4,801					
								RW:	1,917	PA&ED:	1,861		
								Const:	20,278	PS&E:	4,525		
										RW:	1,991		
										Con:	4,079		
								Subtotal:	22,195		12,456		
Inyo County Total (Capital + Support):								\$34,651					



2016 SHOPP V3.0 Project List Kern (\$ in thousands)



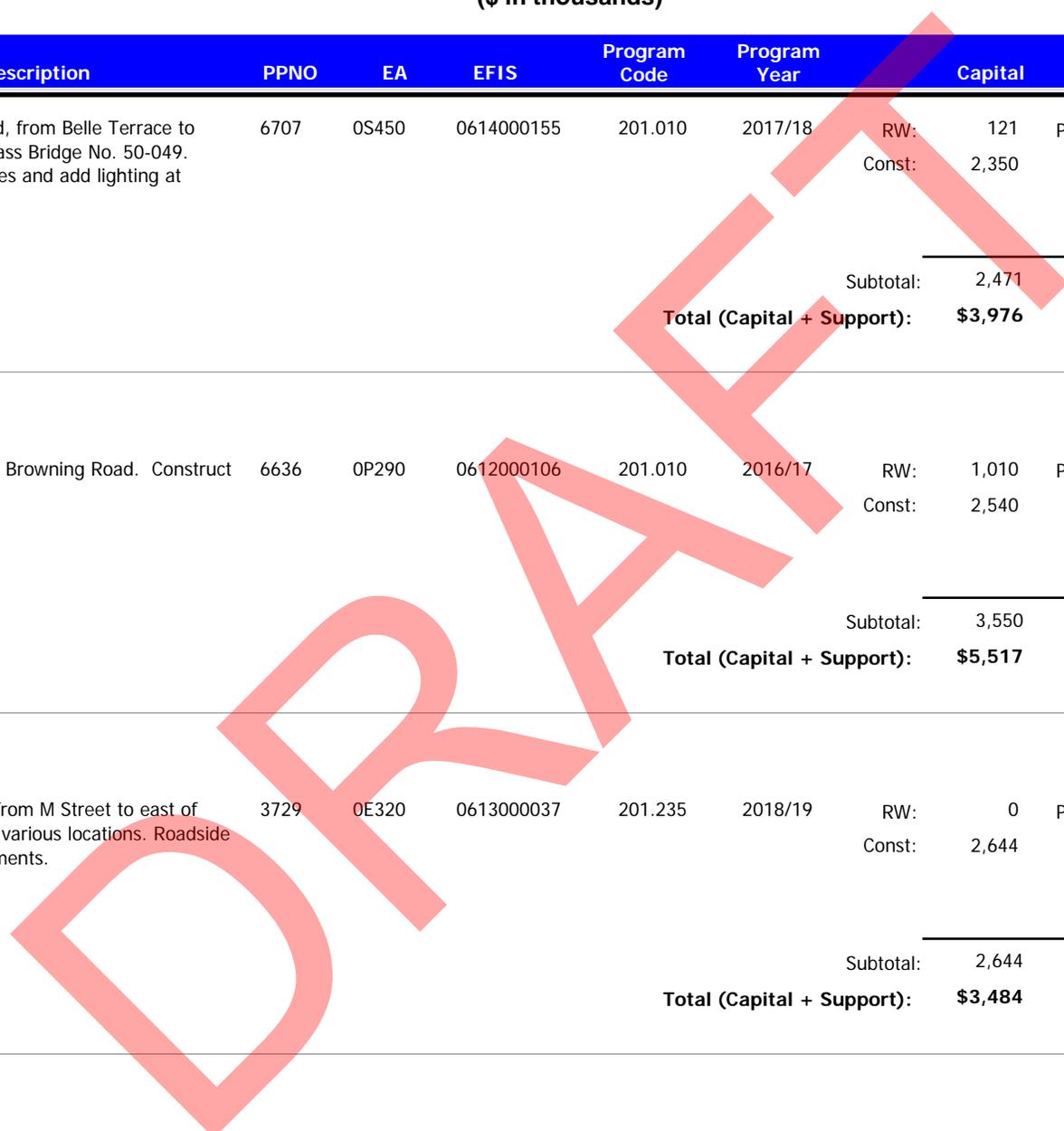
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
VAR		In Kern, Kings, and Fresno counties at various locations on Routes 5, 46, 58, 99, 178, and 204. Repair traffic operation and irrigation systems.	6724	OS610	0614000253	201.131	2016/17	RW:	112	PA&ED:	647	PA&ED:	4/27/2015
								Const:	21,263	PS&E:	2,151	RTL:	3/23/2017
										RW:	1,019	RW Cert:	3/15/2017
										Con:	2,498		
								Subtotal:	21,375		6,315		
								Total (Capital + Support):	\$27,690				
COLLISION REDUCTION													
5	54.1	Near Buttonwillow, at the northbound and southbound Buttonwillow safety roadside rest areas. Upgrade water and waste water systems.	6662	OQ620	0613000150	201.235	2016/17	RW:	10	PA&ED:	530	PA&ED:	3/1/2016
								Const:	2,000	PS&E:	980	RTL:	5/15/2017
										RW:	10	RW Cert:	2/1/2017
										Con:	1,050		
								Subtotal:	2,010		2,570		
								Total (Capital + Support):	\$4,580				
43	0.1/0.4	Near Bakersfield, at the intersection of Routes 43 and 119. Intersection improvement.	6698	OP900	0612000293	201.010	2017/18	RW:	1,160	PA&ED:	1,323	PA&ED:	10/15/2015
								Const:	4,200	PS&E:	1,348	RTL:	3/15/2018
										RW:	880	RW Cert:	2/15/2018
										Con:	850		
								Subtotal:	5,360		4,401		
								Total (Capital + Support):	\$9,761				



**2016 SHOPP V3.0 Project List
Kern
(\$ in thousands)**



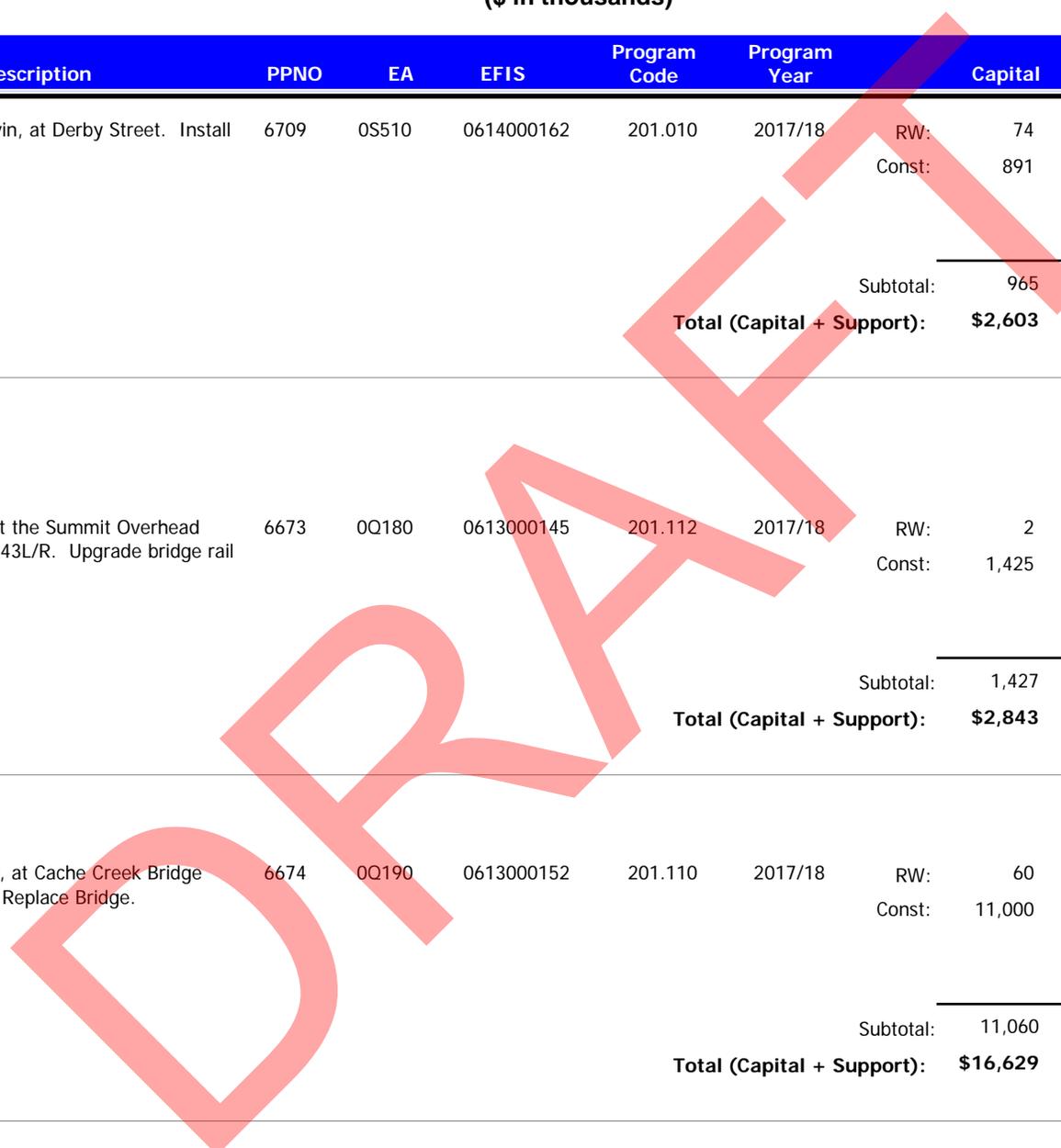
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
99	23.1/27.3	Near Bakersfield, from Belle Terrace to Minkler Underpass Bridge No. 50-049. Repaint lane lines and add lighting at Interchanges.	6707	0S450	0614000155	201.010	2017/18	RW:	121	PA&ED:	320	PA&ED:	11/1/2015
								Const:	2,350	PS&E:	650	RTL:	7/15/2017
										RW:	100	RW Cert:	7/1/2017
										Con:	435		
								Subtotal:	2,471		1,505		
Total (Capital + Support):								\$3,976					
155	1.5	Near Delano, at Browning Road. Construct a roundabout.	6636	0P290	0612000106	201.010	2016/17	RW:	1,010	PA&ED:	391	PA&ED:	9/2/2014
								Const:	2,540	PS&E:	722	RTL:	10/14/2016
										RW:	432	RW Cert:	10/3/2016
										Con:	422		
								Subtotal:	3,550		1,967		
Total (Capital + Support):								\$5,517					
178	1.7/6.9	In Bakersfield, from M Street to east of Fairfax Road at various locations. Roadside safety improvements.	3729	0E320	0613000037	201.235	2018/19	RW:	0	PA&ED:	220	PA&ED:	
								Const:	2,644	PS&E:	300	RTL:	
										RW:	10	RW Cert:	6/15/2018
										Con:	310		
								Subtotal:	2,644		840		
Total (Capital + Support):								\$3,484					



**2016 SHOPP V3.0 Project List
Kern
(\$ in thousands)**



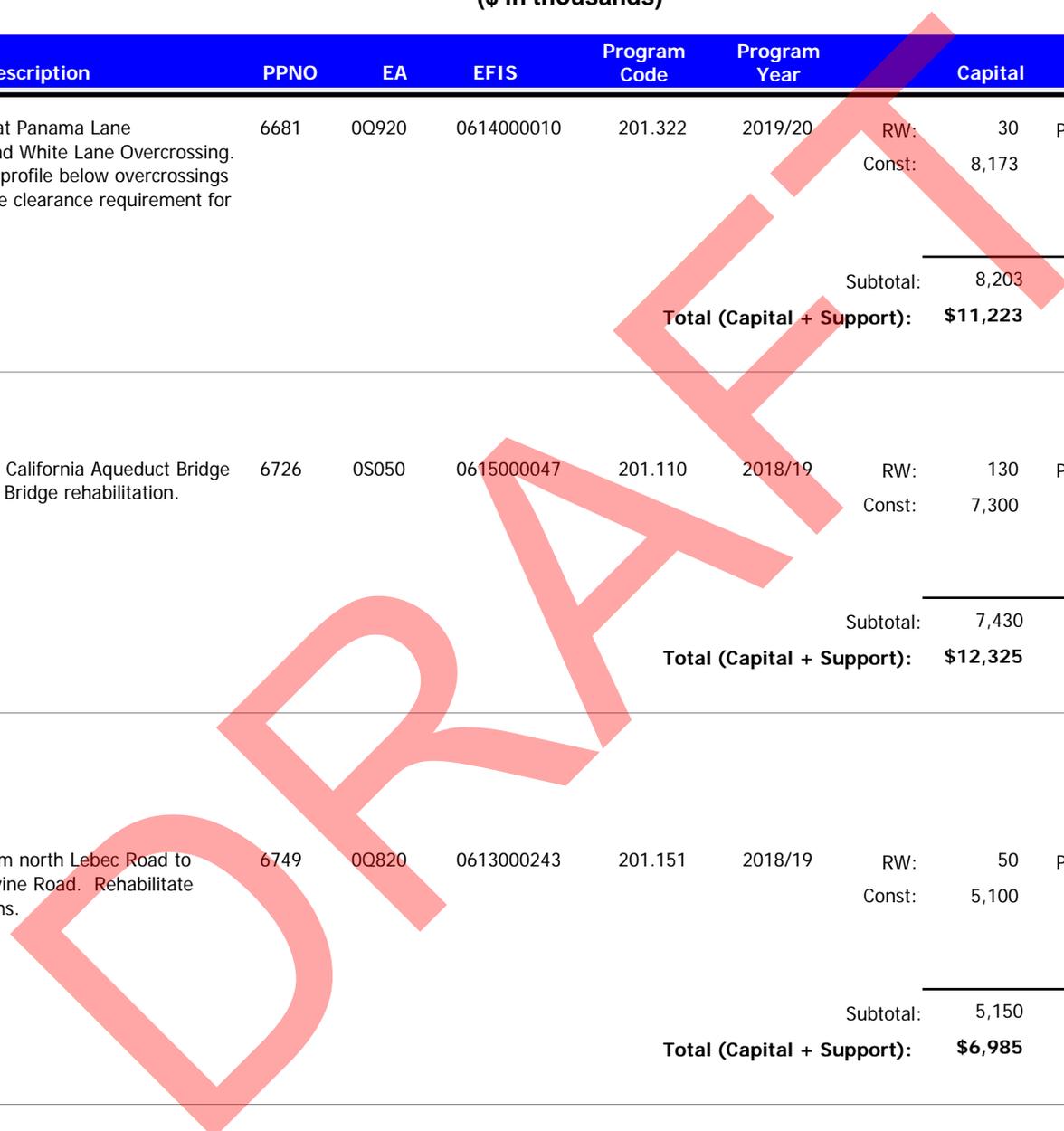
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
223	21.0/21.3	In and Near Arvin, at Derby Street. Install traffic signals.	6709	0S510	0614000162	201.010	2017/18	RW:	74	PA&ED:	348	PA&ED:	8/10/2015
								Const:	891	PS&E:	545	RTL:	2/1/2018
										RW:	345	RW Cert:	2/1/2018
										Con:	400		
								Subtotal:	965		1,638		
Total (Capital + Support):								\$2,603					
BRIDGE PRESERVATION													
58	R94.2	In Tehachapi, at the Summit Overhead Bridge No. 50-343L/R. Upgrade bridge rail	6673	0Q180	0613000145	201.112	2017/18	RW:	2	PA&ED:	0	PA&ED:	6/27/2013
								Const:	1,425	PS&E:	711	RTL:	3/15/2018
										RW:	25	RW Cert:	3/1/2018
										Con:	680		
								Subtotal:	1,427		1,416		
Total (Capital + Support):								\$2,843					
58	R99.0/R100.3	Near Tehachapi, at Cache Creek Bridge No.50-346L/R. Replace Bridge.	6674	0Q190	0613000152	201.110	2017/18	RW:	60	PA&ED:	414	PA&ED:	7/28/2015
								Const:	11,000	PS&E:	2,327	RTL:	1/15/2018
										RW:	60	RW Cert:	1/2/2018
										Con:	2,768		
								Subtotal:	11,060		5,569		
Total (Capital + Support):								\$16,629					



**2016 SHOPP V3.0 Project List
Kern
(\$ in thousands)**



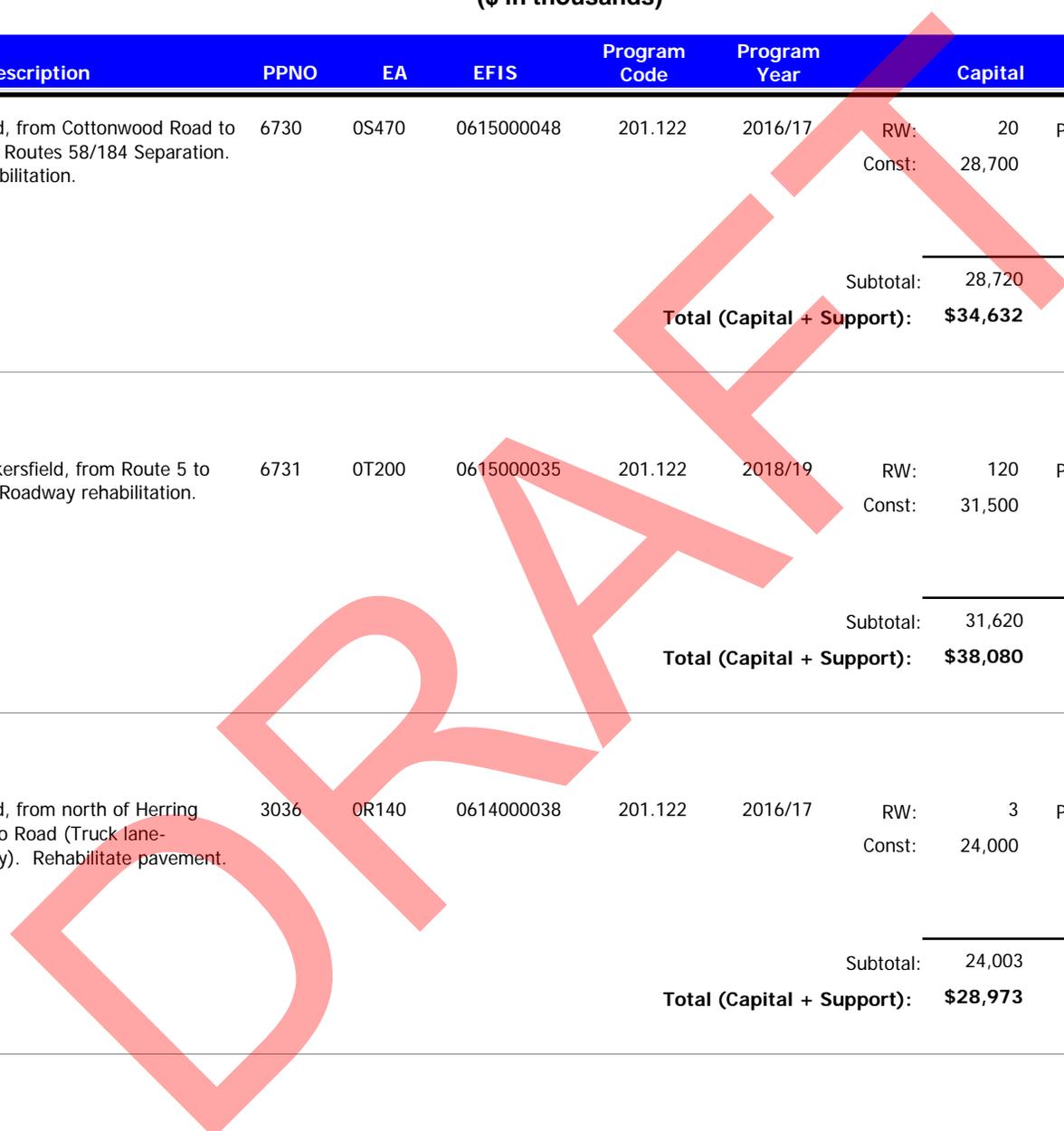
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
99	19.5/21.1	In Bakersfield, at Panama Lane Overcrossing and White Lane Overcrossing. Lower highway profile below overcrossings to accommodate clearance requirement for permit vehicles.	6681	0Q920	0614000010	201.322	2019/20	RW:	30	PA&ED:	700	PA&ED:	3/2/2018
								Const:	8,173	PS&E:	1,200	RTL:	12/15/2019
										RW:	20	RW Cert:	11/15/2019
										Con:	1,100		
								Subtotal:	8,203		3,020		
Total (Capital + Support):								\$11,223					
166	17.3/17.7	Near Mettler, at California Aqueduct Bridge (No. 50-0323). Bridge rehabilitation.	6726	0S050	0615000047	201.110	2018/19	RW:	130	PA&ED:	1,045	PA&ED:	1/15/2018
								Const:	7,300	PS&E:	1,650	RTL:	2/1/2019
										RW:	100	RW Cert:	1/15/2019
										Con:	2,100		
								Subtotal:	7,430		4,895		
Total (Capital + Support):								\$12,325					
ROADWAY PRESERVATION													
5	5.6/8.8	Near Lebec, from north Lebec Road to south of Grapevine Road. Rehabilitate drainage systems.	6749	0Q820	0613000243	201.151	2018/19	RW:	50	PA&ED:	375	PA&ED:	7/1/2017
								Const:	5,100	PS&E:	670	RTL:	8/1/2018
										RW:	100	RW Cert:	7/1/2018
										Con:	690		
								Subtotal:	5,150		1,835		
Total (Capital + Support):								\$6,985					



**2016 SHOPP V3.0 Project List
Kern
(\$ in thousands)**



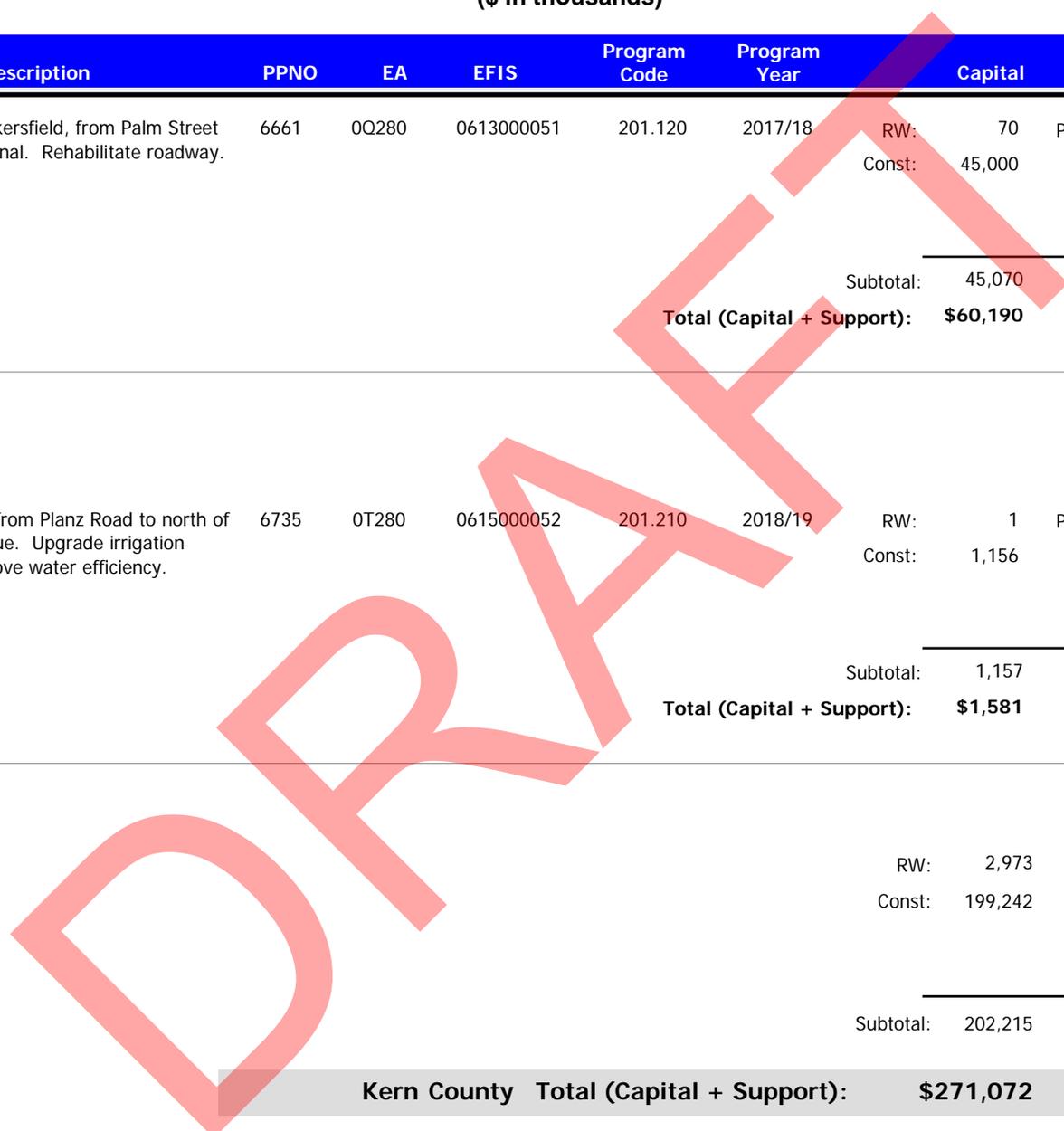
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
58	R55.4/R59.7	Near Bakersfield, from Cottonwood Road to 0.3 mile east of Routes 58/184 Separation. Pavement Rehabilitation.	6730	0S470	0615000048	201.122	2016/17	RW:	20	PA&ED:	616	PA&ED:	4/5/2016
								Const:	28,700	PS&E:	1,917	RTL:	3/23/2017
										RW:	38	RW Cert:	3/15/2017
										Con:	3,341		
								Subtotal:	28,720		5,912		
Total (Capital + Support):								\$34,632					
99	0.0/19.5	In and near Bakersfield, from Route 5 to Panama Lane. Roadway rehabilitation.	6731	0T200	0615000035	201.122	2018/19	RW:	120	PA&ED:	1,160	PA&ED:	8/1/2017
								Const:	31,500	PS&E:	1,600	RTL:	12/1/2018
										RW:	100	RW Cert:	8/1/2018
										Con:	3,600		
								Subtotal:	31,620		6,460		
Total (Capital + Support):								\$38,080					
99	10.5/20.5	Near Bakersfield, from north of Herring Road to Pacheco Road (Truck lane-southbound only). Rehabilitate pavement.	3036	0R140	0614000038	201.122	2016/17	RW:	3	PA&ED:	800	PA&ED:	2/1/2016
								Const:	24,000	PS&E:	1,350	RTL:	3/15/2017
										RW:	20	RW Cert:	12/1/2016
										Con:	2,800		
								Subtotal:	24,003		4,970		
Total (Capital + Support):								\$28,973					



**2016 SHOPP V3.0 Project List
Kern
(\$ in thousands)**



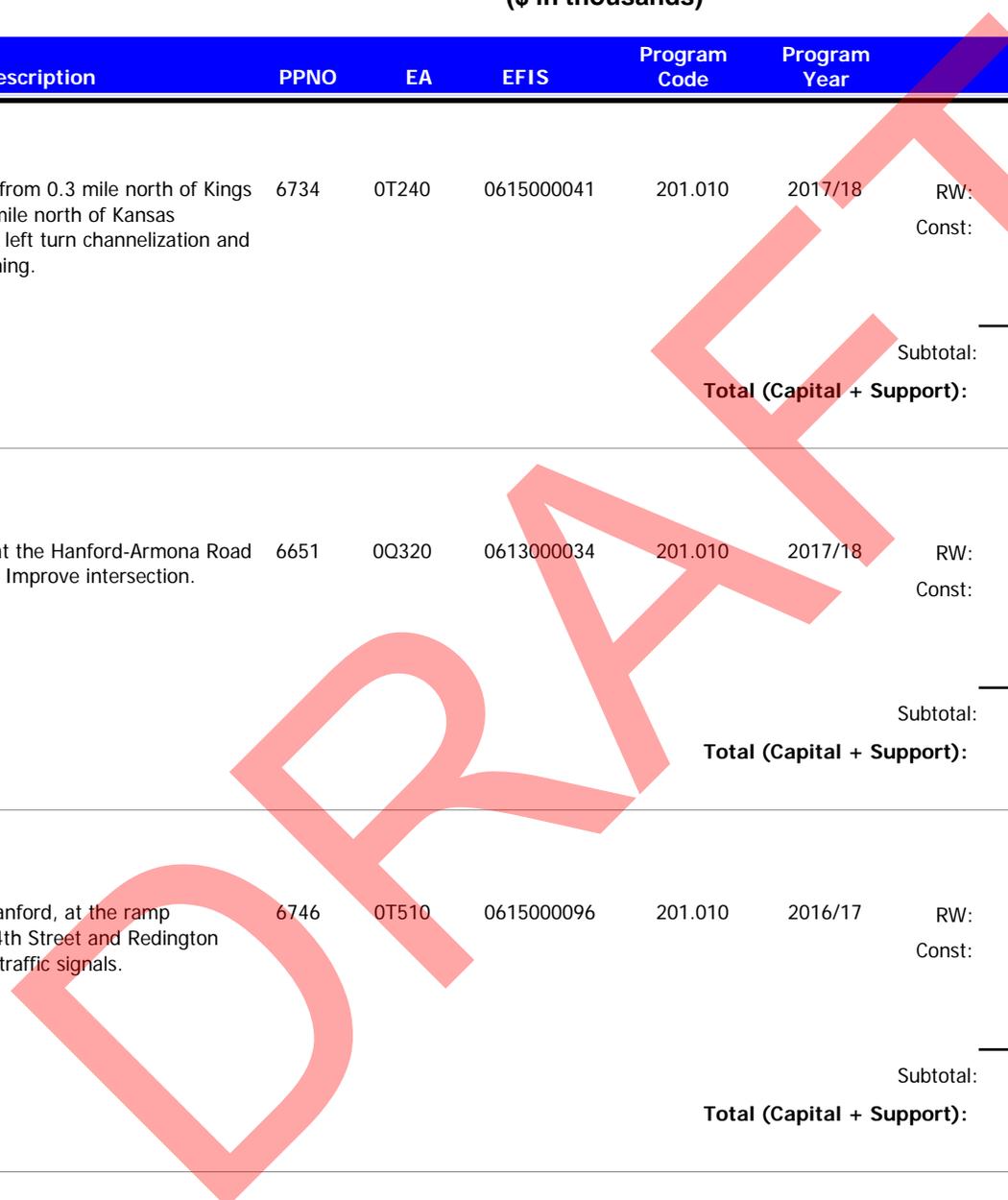
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
99	24.1/28.4	In and near Bakersfield, from Palm Street to Beardsley Canal. Rehabilitate roadway.	6661	0Q280	0613000051	201.120	2017/18	RW:	70	PA&ED:	3,000	PA&ED:	8/1/2016
								Const:	45,000	PS&E:	4,000	RTL:	3/1/2018
										RW:	20	RW Cert:	2/1/2017
										Con:	8,100		
								Subtotal:	45,070		15,120		
Total (Capital + Support):									\$60,190				
<hr/>													
ROADSIDE PRESERVATION													
99	21.6/24.7	In Bakersfield, from Planz Road to north of California Avenue. Upgrade irrigation system to improve water efficiency.	6735	0T280	0615000052	201.210	2018/19	RW:	1	PA&ED:	41	PA&ED:	6/2/2017
								Const:	1,156	PS&E:	200	RTL:	7/31/2018
										RW:	3	RW Cert:	3/8/2018
										Con:	180		
								Subtotal:	1,157		424		
Total (Capital + Support):									\$1,581				
<hr/>													
								RW:	2,973	PA&ED:	11,930		
								Const:	199,242	PS&E:	22,321		
										RW:	3,282		
										Con:	31,324		
								Subtotal:	202,215		68,857		
Kern County Total (Capital + Support):									\$271,072				



2016 SHOPP V3.0 Project List Kings (\$ in thousands)



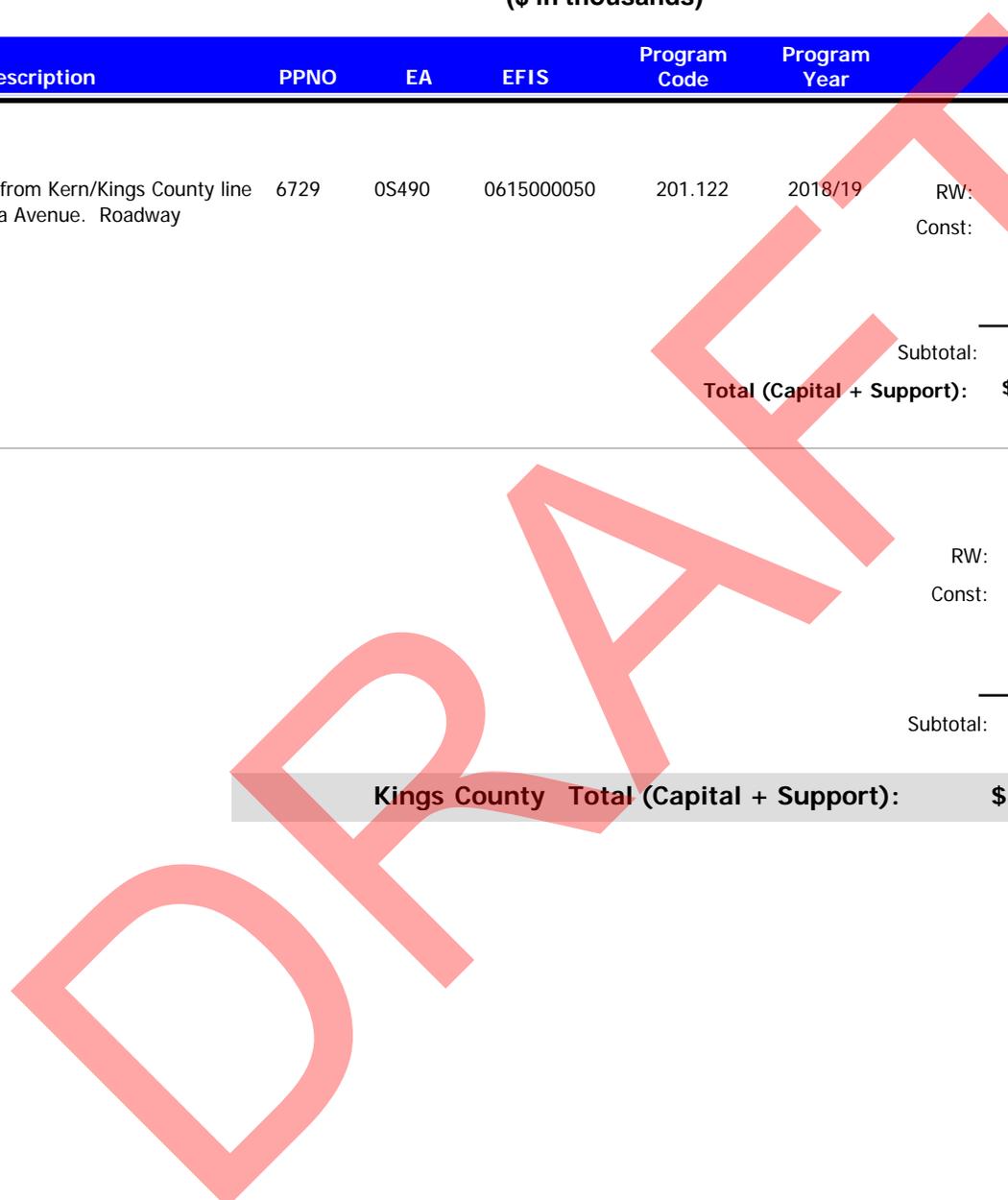
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
41	34.5/35.0	Near Stratford, from 0.3 mile north of Kings Avenue to 0.3 mile north of Kansas Avenue. Install left turn channelization and right turn widening.	6734	OT240	0615000041	201.010	2017/18	RW:	100	PA&ED:	600	PA&ED:	8/1/2016
								Const:	1,370	PS&E:	700	RTL:	3/1/2018
										RW:	200	RW Cert:	3/1/2018
										Con:	480		
								Subtotal:	1,470		1,980		
								Total (Capital + Support):	\$3,450				
<hr/>													
198	R15.5	Near Hanford, at the Hanford-Armona Road Undercrossing. Improve intersection.	6651	OQ320	0613000034	201.010	2017/18	RW:	240	PA&ED:	925	PA&ED:	2/1/2016
								Const:	2,263	PS&E:	1,475	RTL:	1/22/2018
										RW:	725	RW Cert:	1/15/2018
										Con:	806		
								Subtotal:	2,503		3,931		
								Total (Capital + Support):	\$6,434				
<hr/>													
198	R18.4	In the city of Hanford, at the ramp intersection of 4th Street and Redington Avenue. Install traffic signals.	6746	OT510	0615000096	201.010	2016/17	RW:	35	PA&ED:	350	PA&ED:	5/2/2016
								Const:	890	PS&E:	600	RTL:	3/31/2017
										RW:	50	RW Cert:	3/31/2017
										Con:	350		
								Subtotal:	925		1,350		
								Total (Capital + Support):	\$2,275				



2016 SHOPP V3.0 Project List Kings (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
5	0.0/9.0	Near Lost Hills, from Kern/Kings County line to south of Utica Avenue. Roadway rehabilitation.	6729	0S490	0615000050	201.122	2018/19	RW:	4	PA&ED:	400	PA&ED:	10/1/2017
								Const:	25,000	PS&E:	1,300	RTL:	2/15/2019
										RW:	20	RW Cert:	1/15/2019
										Con:	1,740		
								Subtotal:	25,004		3,460		
								Total (Capital + Support):	\$28,464				
<hr/>													
								RW:	379	PA&ED:	2,275		
								Const:	29,523	PS&E:	4,075		
										RW:	995		
										Con:	3,376		
								Subtotal:	29,902		10,721		
								Kings County Total (Capital + Support):	\$40,623				



**2016 SHOPP V3.0 Project List
Lake
(\$ in thousands)**



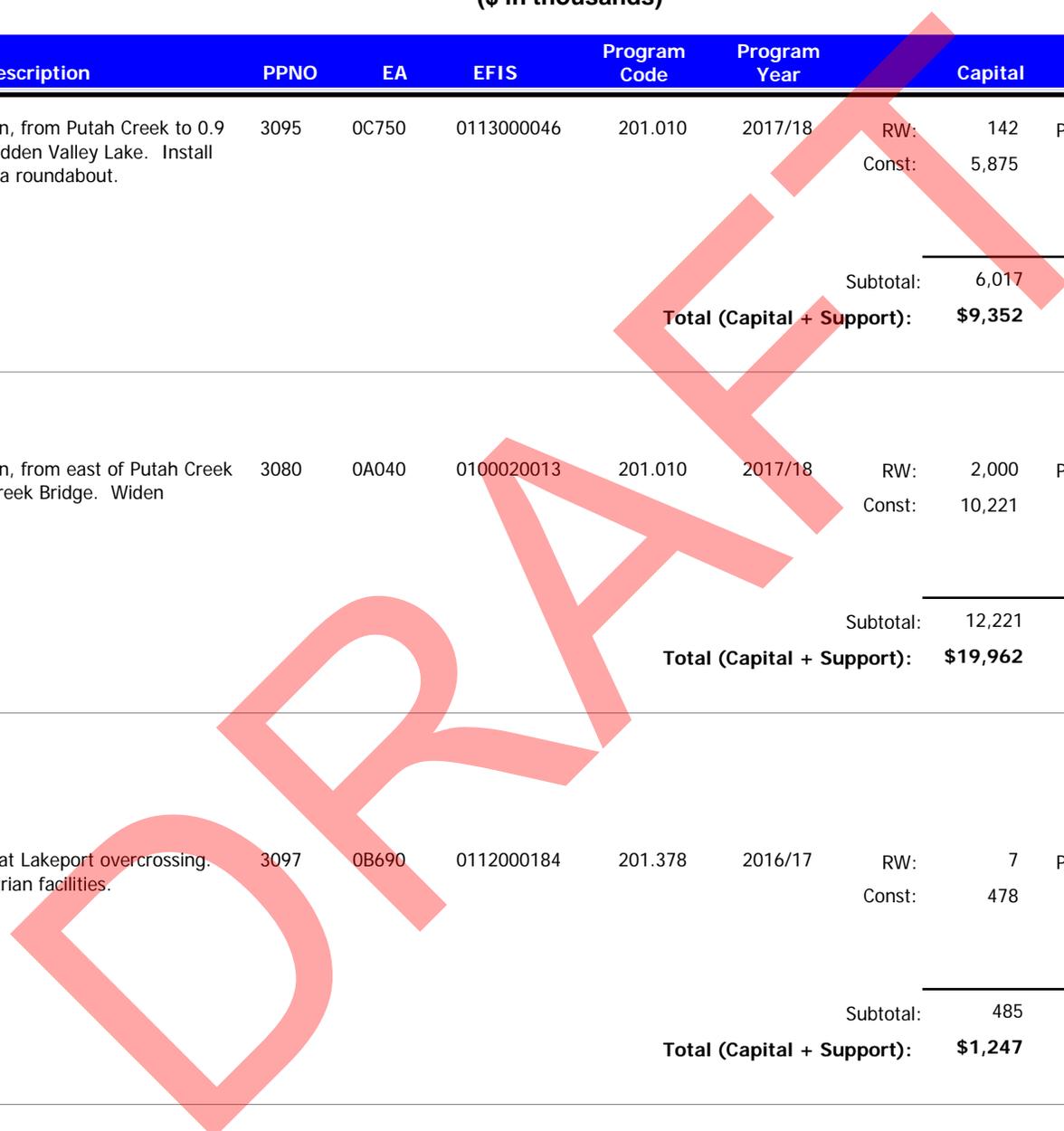
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
20		Near Clear Lake Oaks, on Route 20, from 0.4 mile west to 0.4 mile east of Route 53; also on Route 53, from 0.3 mile south of Route 20 to Route 20. Install traffic signal or a roundabout.	3096	OC810	0113000060	201.010	2017/18	RW:	502	PA&ED:	706	PA&ED:	9/1/2016
								Const:	5,654	PS&E:	859	RTL:	2/1/2018
										RW:	217	RW Cert:	1/15/2018
								Con:			1,143		
								Subtotal:	6,156		2,925		
								Total (Capital + Support):	\$9,081				
29	28.5/31.6	Near Kelseyville, from north of Route 29/281 Junction to north of Route 29/175 Junction. Improve road condition.	3099	29811	0114000043	201.010	2017/18	RW:	3,000	PA&ED:	500	PA&ED:	10/1/2016
								Const:	34,000	PS&E:	2,500	RTL:	3/1/2018
										RW:	700	RW Cert:	2/15/2018
								Con:			2,000		
								Subtotal:	37,000		5,700		
								Total (Capital + Support):	\$42,700				
29	34.2/R34.5	Near Kelseyville, from 0.1 mile south to 0.1 mile north of Cruickshank Road. Widen for left- turn channelization safety improvements	3101	0E640	0114000116	201.010	2017/18	RW:	7	PA&ED:	410	PA&ED:	7/15/2016
								Const:	1,050	PS&E:	375	RTL:	8/1/2017
										RW:	30	RW Cert:	7/1/2017
								Con:			390		
								Subtotal:	1,057		1,205		
								Total (Capital + Support):	\$2,262				



2016 SHOPP V3.0 Project List Lake (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
29	9.6/10.3	Near Middletown, from Putah Creek to 0.9 mile south of Hidden Valley Lake. Install traffic signal or a roundabout.	3095	OC750	0113000046	201.010	2017/18	RW:	142	PA&ED:	954	PA&ED:	7/1/2016
								Const:	5,875	PS&E:	1,185	RTL:	11/1/2017
										RW:	201	RW Cert:	10/15/2017
										Con:	995		
								Subtotal:	6,017		3,335		
Total (Capital + Support):									\$9,352				
<hr/>													
175	R25.0/27.5	Near Middletown, from east of Putah Creek Bridge to Dry Creek Bridge. Widen shoulders.	3080	0A040	0100020013	201.010	2017/18	RW:	2,000	PA&ED:	2,214	PA&ED:	10/1/2016
								Const:	10,221	PS&E:	2,161	RTL:	3/1/2018
										RW:	582	RW Cert:	2/15/2018
										Con:	2,784		
								Subtotal:	12,221		7,741		
Total (Capital + Support):									\$19,962				
<hr/>													
MANDATES													
29	R41.4	Near Lakeport, at Lakeport overcrossing. Upgrade pedestrian facilities.	3097	OB690	0112000184	201.378	2016/17	RW:	7	PA&ED:	206	PA&ED:	3/1/2016
								Const:	478	PS&E:	228	RTL:	2/15/2017
										RW:	63	RW Cert:	1/3/2017
										Con:	265		
								Subtotal:	485		762		
Total (Capital + Support):									\$1,247				



**2016 SHOPP V3.0 Project List
Lake
(\$ in thousands)**

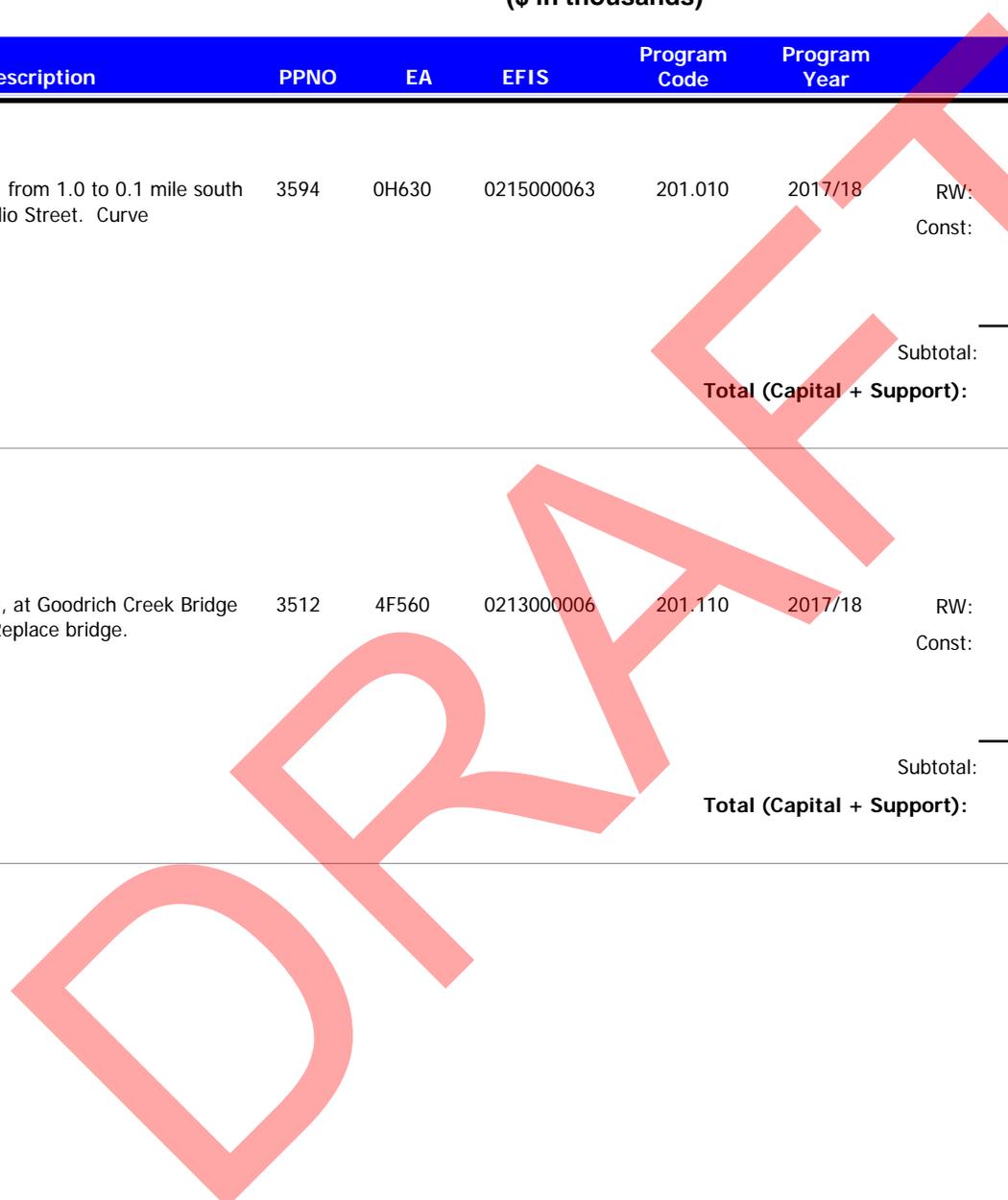


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
20	VAR	In Lake County on Routes 20, 29 and 175 at various locations. Replace and upgrade bridge rails on 5 bridges.	3098	0E080	0113000122	201.112	2019/20	RW:	263	PA&ED:	943	PA&ED:	2/1/2018
								Const:	5,621	PS&E:	1,136	RTL:	8/15/2019
										RW:	324	RW Cert:	7/1/2019
										Con:	1,601		
								Subtotal:	5,884		4,004		
								Total (Capital + Support):	\$9,888				
ROADWAY PRESERVATION													
VAR		In Lake County, on Routes 20, 29 and 53 at various locations. Upgrade drainage systems.	3047B	42780	0100000180	201.151	2017/18	RW:	438	PA&ED:	880	PA&ED:	7/4/2016
								Const:	3,773	PS&E:	1,346	RTL:	1/15/2018
										RW:	746	RW Cert:	1/8/2018
										Con:	1,135		
								Subtotal:	4,211		4,107		
								Total (Capital + Support):	\$8,318				
										RW:	6,359	PA&ED:	6,813
										Const:	66,672	PS&E:	9,790
												RW:	2,863
												Con:	10,313
								Subtotal:	73,031		29,779		
								Lake County Total (Capital + Support):	\$102,810				

2016 SHOPP V3.0 Project List Lassen (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
139	6.3/7.2	Near Susanville, from 1.0 to 0.1 mile south of Antelope Radio Street. Curve improvement.	3594	0H630	0215000063	201.010	2017/18	RW:	14	PA&ED:	450	PA&ED:	11/14/2016
								Const:	3,548	PS&E:	620	RTL:	8/8/2017
										RW:	200	RW Cert:	7/3/2017
										Con:	660		
								Subtotal:	3,562		1,930		
								Total (Capital + Support):	\$5,492				
<u>BRIDGE PRESERVATION</u>													
36	7.2/7.4	Near Westwood, at Goodrich Creek Bridge No. 07-0048. Replace bridge.	3512	4F560	0213000006	201.110	2017/18	RW:	45	PA&ED:	600	PA&ED:	11/18/2016
								Const:	2,700	PS&E:	500	RTL:	12/15/2017
										RW:	50	RW Cert:	11/17/2017
										Con:	750		
								Subtotal:	2,745		1,900		
								Total (Capital + Support):	\$4,645				



2016 SHOPP V3.0 Project List Lassen (\$ in thousands)



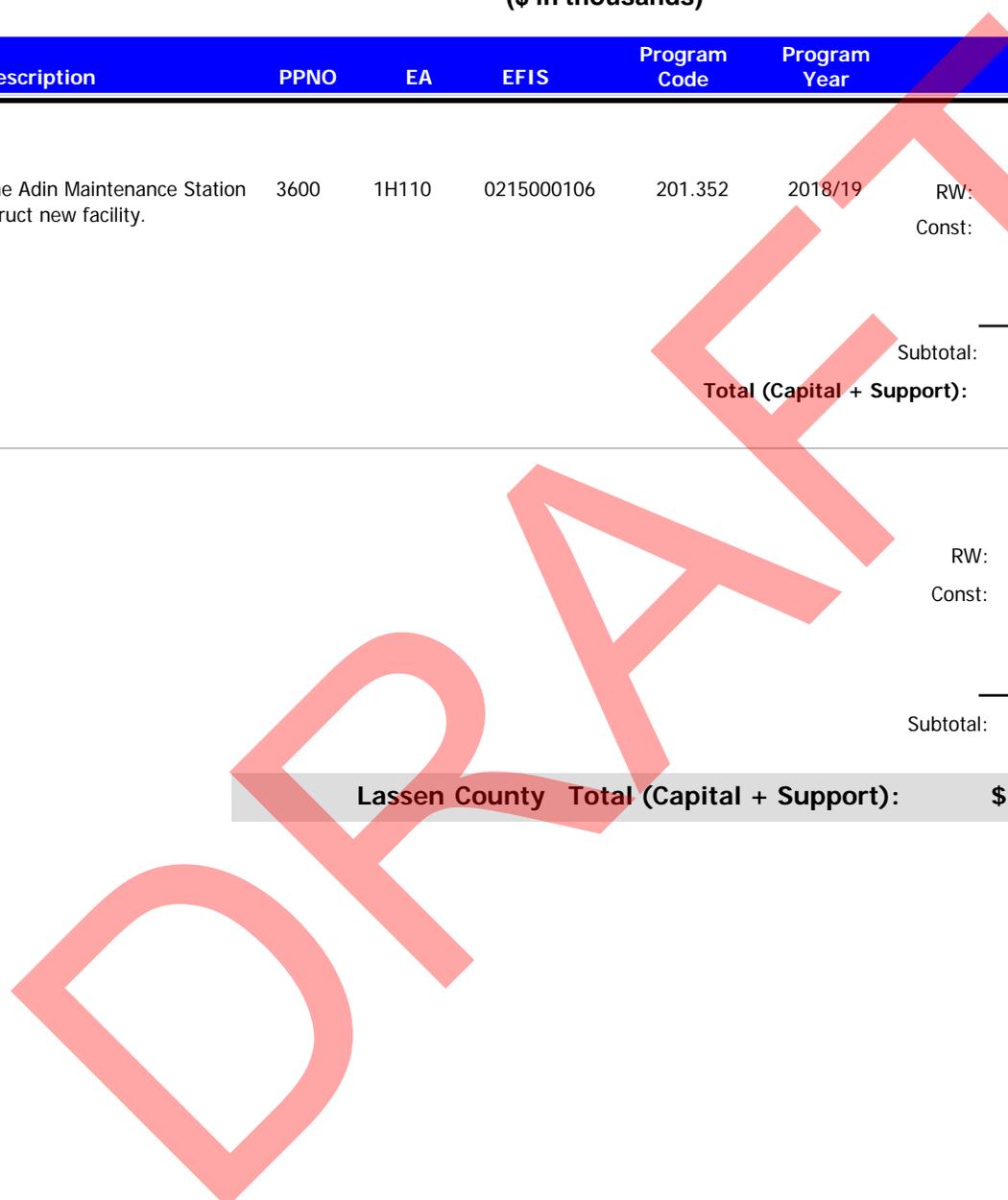
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
36	22.4/R29.4	In and near Susanville, from east of Eagle Lake Road to Route 395. Rehabilitate pavement.	3529	4F990	0213000057	201.121	2016/17	RW:	165	PA&ED:	450	PA&ED:	7/15/2016
								Const:	9,000	PS&E:	550	RTL:	6/16/2017
										RW:	190	RW Cert:	6/16/2017
										Con:	750		
								Subtotal:	9,165		1,940		
Total (Capital + Support):									\$11,105				
<hr/>													
36	6.1/14.3	Near Westwood, from east of Goodrich Creek Bridge to 1.3 miles west of Willard Creek Road. Rehabilitate roadway.	3468	4E460	0200020287	201.120	2017/18	RW:	210	PA&ED:	1,100	PA&ED:	10/7/2016
								Const:	15,900	PS&E:	1,800	RTL:	8/4/2017
										RW:	100	RW Cert:	7/14/2017
										Con:	2,100		
								Subtotal:	16,110		5,100		
Total (Capital + Support):									\$21,210				
<hr/>													
299	18.5/25.6	Near Adin, from west of Boyd Hill Lookout Road to Butte Creek Bridge; also in Modoc County from Ash Creek Bridge to east of County Road 87 (PM 0.0/0.5 and PM 1.0/1.8). Roadway rehabilitation.	3467	4E450	0200200286	201.120	2017/18	RW:	296	PA&ED:	1,440	PA&ED:	3/23/2017
								Const:	13,771	PS&E:	1,300	RTL:	3/2/2018
										RW:	280	RW Cert:	11/17/2017
										Con:	2,100		
								Subtotal:	14,067		5,120		
Total (Capital + Support):									\$19,187				



**2016 SHOPP V3.0 Project List
Lassen
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
FACILITIES													
299	25.5	Near Adin, at the Adin Maintenance Station (L5701). Construct new facility.	3600	1H110	0215000106	201.352	2018/19	RW:	0	PA&ED:	260	PA&ED:	10/6/2017
								Const:	4,880	PS&E:	1,350	RTL:	8/31/2018
										RW:	40	RW Cert:	7/13/2018
										Con:	1,540		
								Subtotal:	4,880		3,190		
								Total (Capital + Support):	\$8,070				
								RW:	730	PA&ED:	4,300		
								Const:	49,799	PS&E:	6,120		
										RW:	860		
										Con:	7,900		
								Subtotal:	50,529		19,180		
								Lassen County Total (Capital + Support):	\$69,709				



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



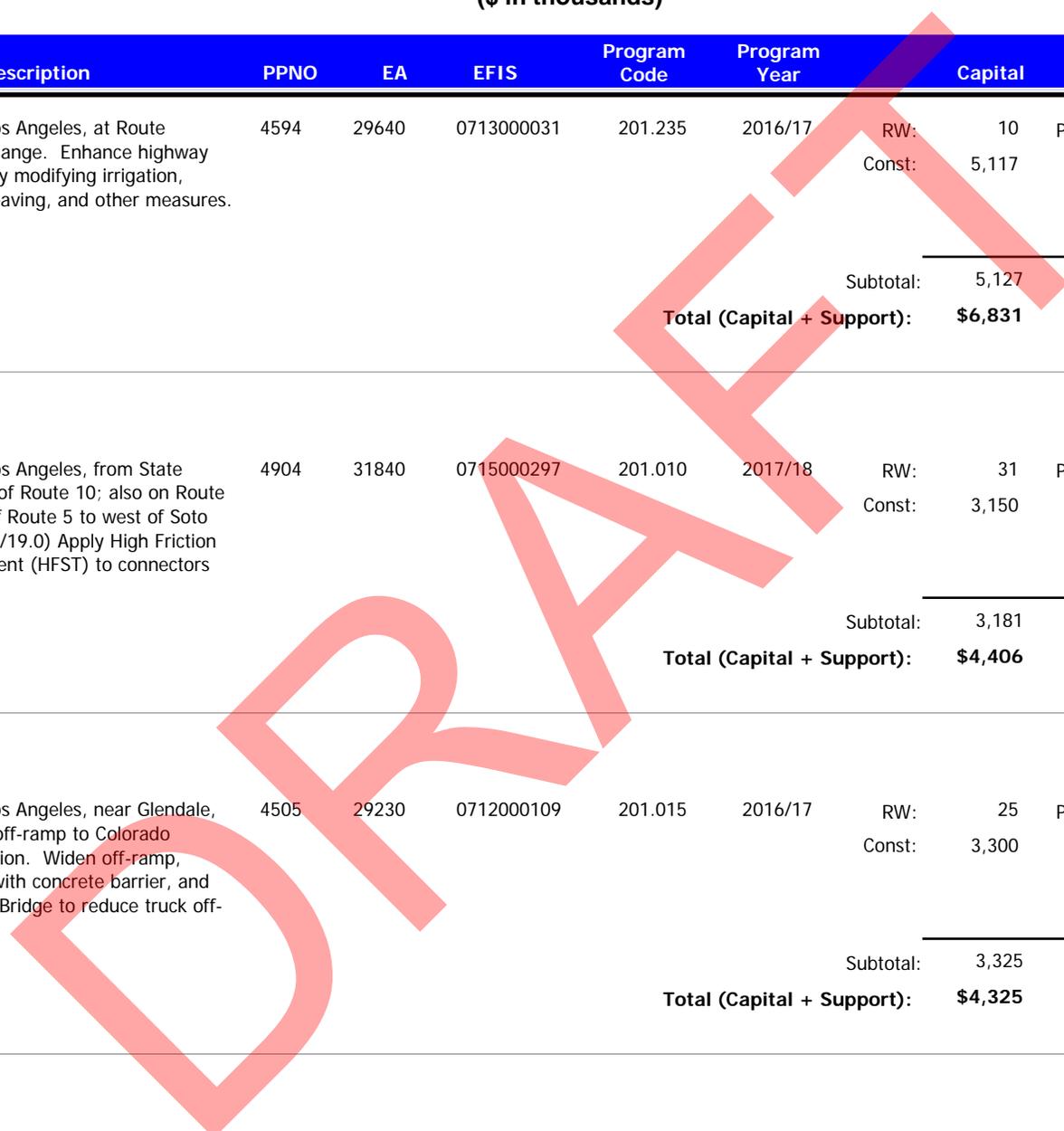
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
1	3.5	In Long Beach, at Lakewood Boulevard (Route 19) and Los Alamitos Traffic Circle. Install pavement delineation, overhead guide signs and associated roadway improvements.	4632	29910	0713000302	201.015	2016/17	RW:	11	PA&ED:	89	PA&ED:	1/26/2016
								Const:	2,326	PS&E:	356	RTL:	4/3/2017
										RW:	5	RW Cert:	3/3/2017
										Con:	445		
								Subtotal:	2,337		895		
								Total (Capital + Support):	\$3,232				
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1	38.3/38.7	In the city of Los Angeles (Pacific Palisades), from north of Temescal Canyon Road to Bay Club Drive. Construct shoulders and upgrade guardrail.	4159	27510	0700000519	201.015	2016/17	RW:	1,825	PA&ED:	744	PA&ED:	6/15/2015
								Const:	6,100	PS&E:	1,089	RTL:	4/3/2017
										RW:	485	RW Cert:	2/1/2017
										Con:	1,095		
								Subtotal:	7,925		3,413		
								Total (Capital + Support):	\$11,338				
<hr/>													
1	49.3/50.2	In Malibu, from Puerco Canyon Road to Corral Canyon Road. Reconstruct raised median island.	4650	29930	0713000310	201.010	2017/18	RW:	23	PA&ED:	400	PA&ED:	11/15/2016
								Const:	4,405	PS&E:	700	RTL:	12/14/2017
										RW:	80	RW Cert:	11/7/2017
										Con:	800		
								Subtotal:	4,428		1,980		
								Total (Capital + Support):	\$6,408				



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



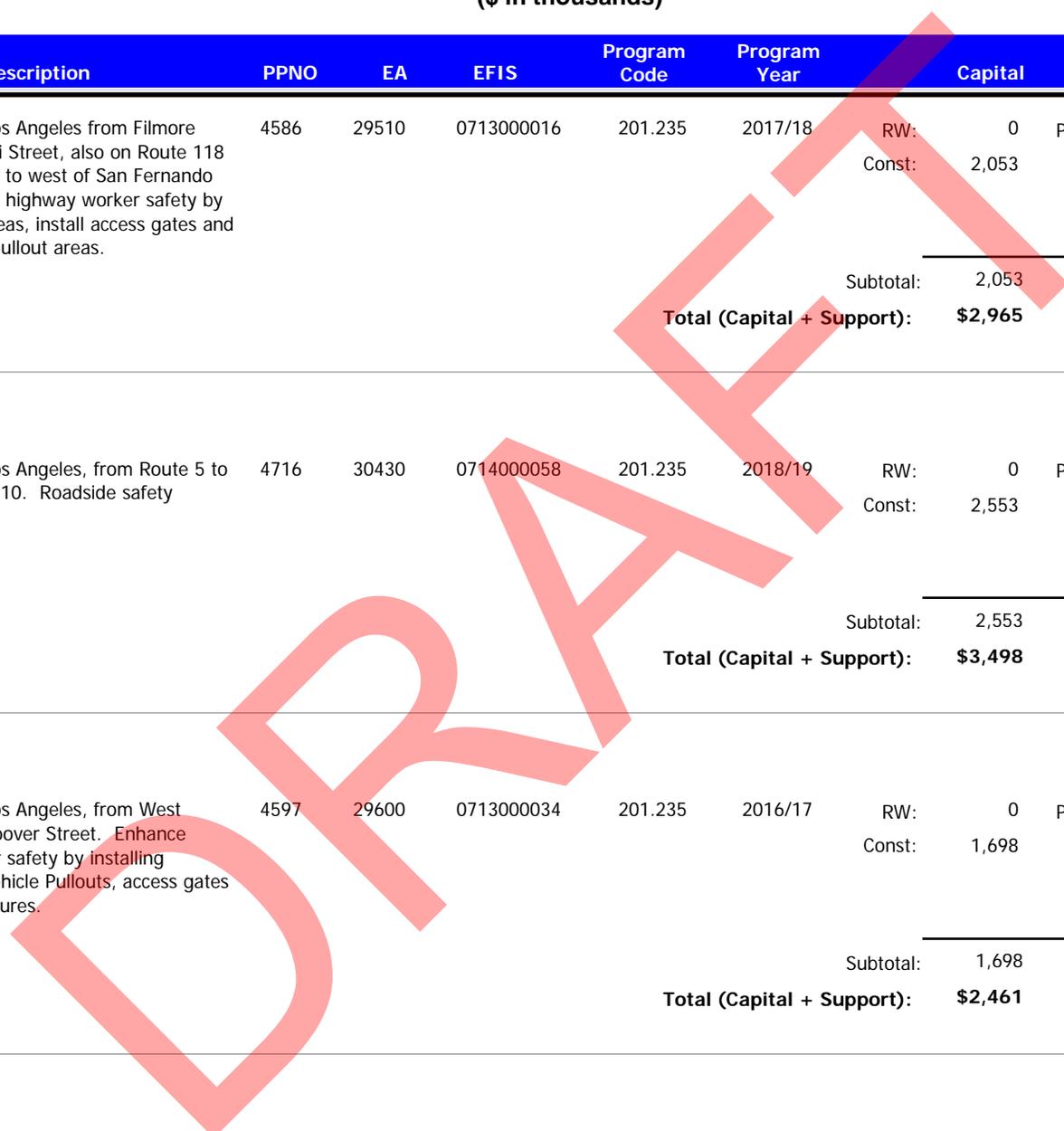
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
5	16.1/17.0	In the city of Los Angeles, at Route 5/10/60 Interchange. Enhance highway worker safety by modifying irrigation, miscellaneous paving, and other measures.	4594	29640	0713000031	201.235	2016/17	RW:	10	PA&ED:	135	PA&ED:	10/1/2015
								Const:	5,117	PS&E:	699	RTL:	1/19/2017
										RW:	27	RW Cert:	9/2/2016
										Con:	843		
								Subtotal:	5,127		1,704		
Total (Capital + Support):									\$6,831				
5	18.0/19.0	In the city of Los Angeles, from State Street to north of Route 10; also on Route 10 from west of Route 5 to west of Soto Street (PM S0.4/19.0) Apply High Friction Surface Treatment (HFST) to connectors and ramp.	4904	31840	0715000297	201.010	2017/18	RW:	31	PA&ED:	15	PA&ED:	08/02/2016
								Const:	3,150	PS&E:	600	RTL:	08/31/2017
										RW:	10	RW Cert:	07/03/2017
										Con:	600		
								Subtotal:	3,181		1,225		
Total (Capital + Support):									\$4,406				
5	25.7	In the city of Los Angeles, near Glendale, at northbound off-ramp to Colorado Freeway Extension. Widen off-ramp, replace MBGR with concrete barrier, and widen LA River Bridge to reduce truck off-tracking.	4505	29230	0712000109	201.015	2016/17	RW:	25	PA&ED:	140	PA&ED:	2/15/2016
								Const:	3,300	PS&E:	410	RTL:	12/15/2016
										RW:	15	RW Cert:	11/15/2016
										Con:	435		
								Subtotal:	3,325		1,000		
Total (Capital + Support):									\$4,325				



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



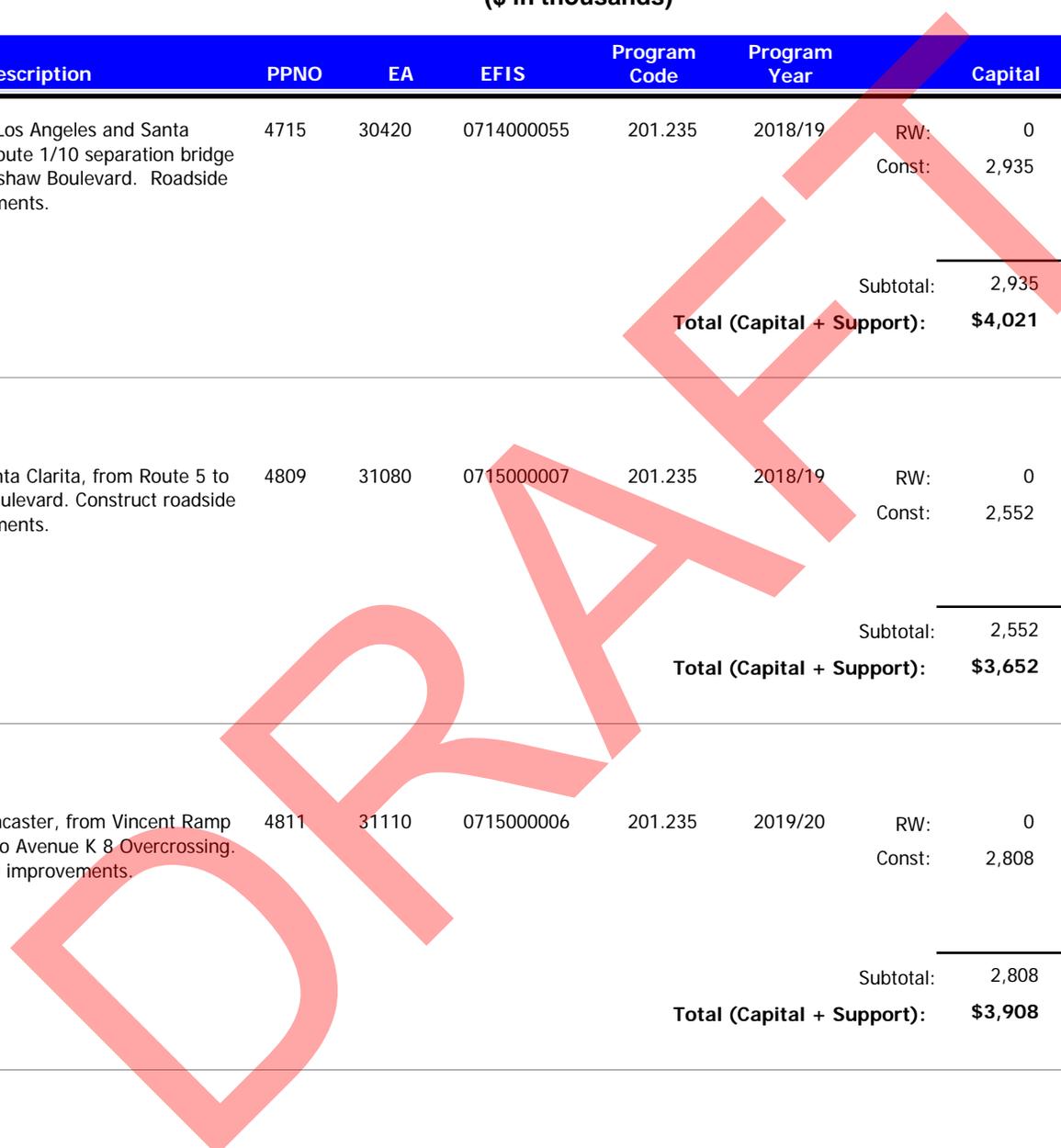
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
5	38.8/40.5	In the city of Los Angeles from Filmore Street to Rinaldi Street, also on Route 118 from Route 405 to west of San Fernando Road. Enhance highway worker safety by paving misc. areas, install access gates and maint. vehicle pullout areas.	4586	29510	0713000016	201.235	2017/18	RW:	0	PA&ED:	113	PA&ED:	11/16/2016
								Const:	2,053	PS&E:	333	RTL:	6/12/2018
										RW:	0	RW Cert:	12/1/2017
										Con:	466		
								Subtotal:	2,053		912		
Total (Capital + Support):									\$2,965				
10	18.3/21.1	In the city of Los Angeles, from Route 5 to west of Route 710. Roadside safety improvements.	4716	30430	0714000058	201.235	2018/19	RW:	0	PA&ED:	139	PA&ED:	8/1/2016
								Const:	2,553	PS&E:	400	RTL:	8/1/2018
										RW:	6	RW Cert:	7/2/2018
										Con:	400		
								Subtotal:	2,553		945		
Total (Capital + Support):									\$3,498				
10	R11.0/R14.0	In the city of Los Angeles, from West Boulevard to Hoover Street. Enhance highway worker safety by installing Maintenance Vehicle Pullouts, access gates and other measures.	4597	29600	0713000034	201.235	2016/17	RW:	0	PA&ED:	54	PA&ED:	10/2/2015
								Const:	1,698	PS&E:	324	RTL:	1/31/2017
										RW:	0	RW Cert:	12/30/2016
										Con:	385		
								Subtotal:	1,698		763		
Total (Capital + Support):									\$2,461				



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



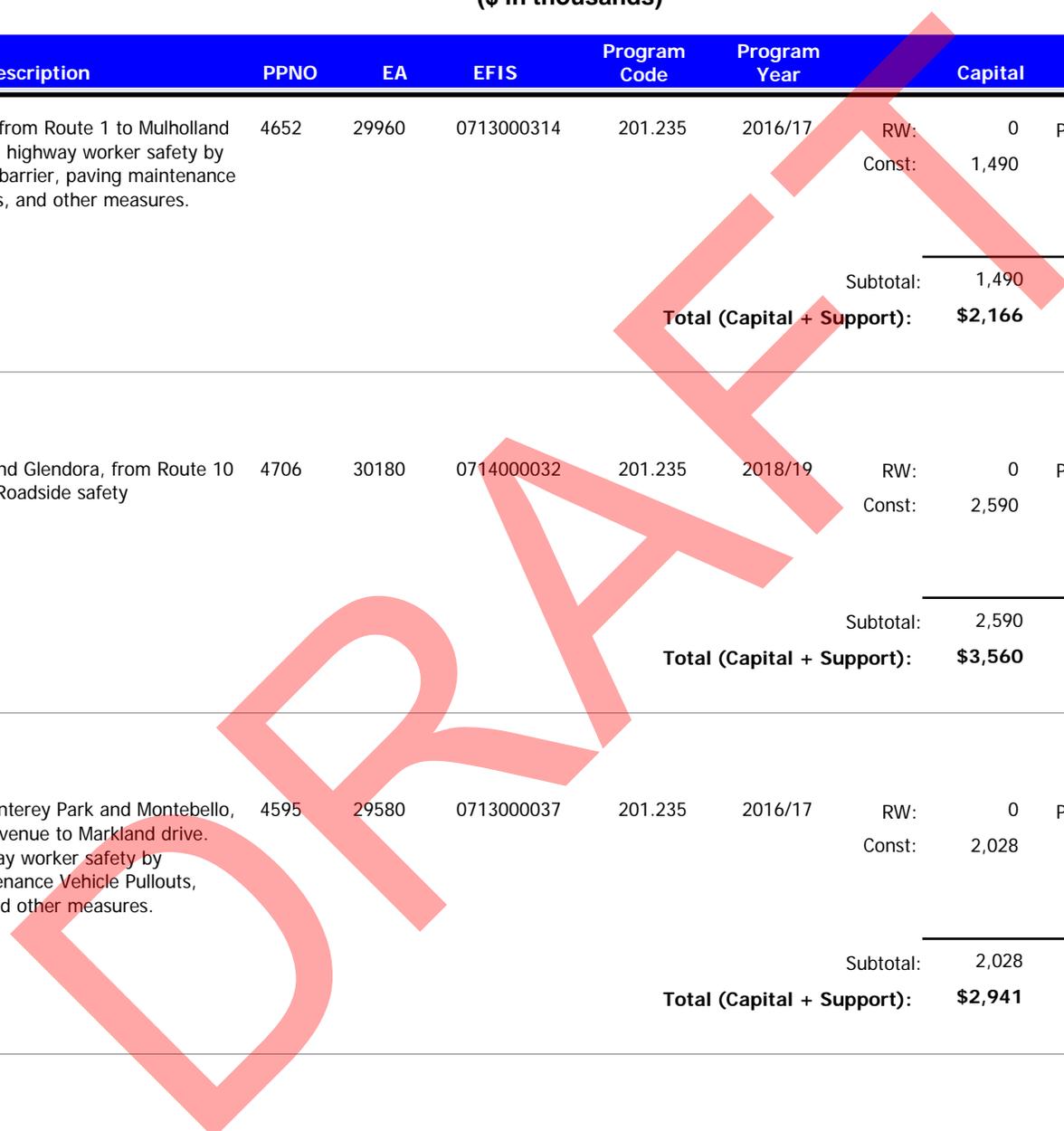
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
10	R2.1/R11.1	In the cities of Los Angeles and Santa Monica, from Route 1/10 separation bridge to west of Crenshaw Boulevard. Roadside safety improvements.	4715	30420	0714000055	201.235	2018/19	RW:	0	PA&ED:	100	PA&ED:	8/1/2016
								Const:	2,935	PS&E:	490	RTL:	8/1/2018
										RW:	6	RW Cert:	7/2/2018
										Con:	490		
								Subtotal:	2,935		1,086		
Total (Capital + Support):								\$4,021					
<hr/>													
14	R24.8/R31.4	In and near Santa Clarita, from Route 5 to Canyon Park Boulevard. Construct roadside safety improvements.	4809	31080	0715000007	201.235	2018/19	RW:	0	PA&ED:	118	PA&ED:	6/30/2017
								Const:	2,552	PS&E:	429	RTL:	3/3/2019
										RW:	5	RW Cert:	2/15/2019
										Con:	548		
								Subtotal:	2,552		1,100		
Total (Capital + Support):								\$3,652					
<hr/>													
14	R54.6/R66.2	In and near Lancaster, from Vincent Ramp Undercrossing to Avenue K 8 Overcrossing. Roadside safety improvements.	4811	31110	0715000006	201.235	2019/20	RW:	0	PA&ED:	118	PA&ED:	10/15/2017
								Const:	2,808	PS&E:	429	RTL:	7/20/2019
										RW:	5	RW Cert:	5/17/2019
										Con:	548		
								Subtotal:	2,808		1,100		
Total (Capital + Support):								\$3,908					



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



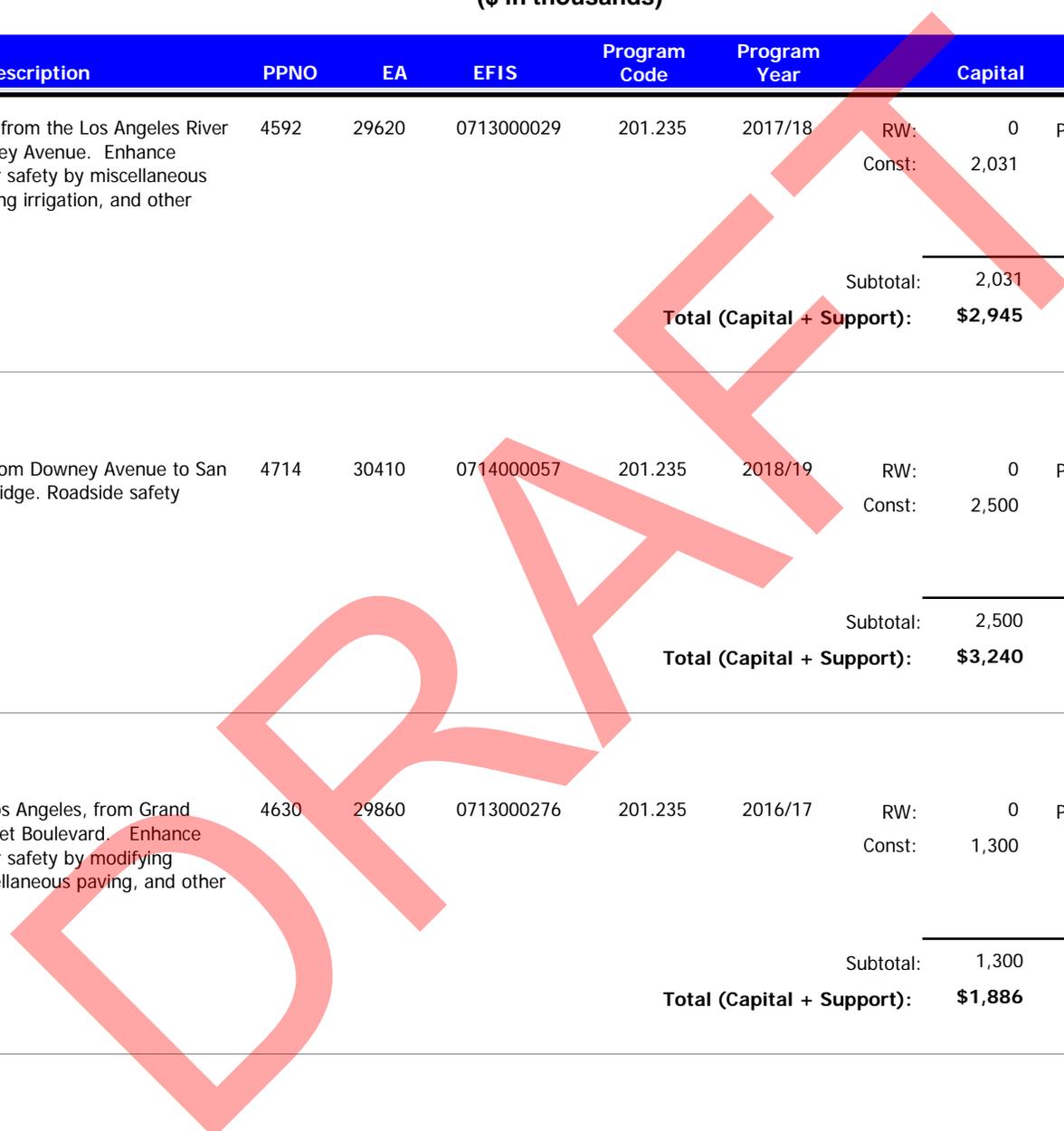
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
27	0.0/11.1	Near Topanga, from Route 1 to Mulholland Drive. Enhance highway worker safety by installing weed barrier, paving maintenance vehicle pull-outs, and other measures.	4652	29960	0713000314	201.235	2016/17	RW:	0	PA&ED:	54	PA&ED:	6/29/2015
								Const:	1,490	PS&E:	284	RTL:	4/14/2017
										RW:	0	RW Cert:	2/15/2017
										Con:	338		
								Subtotal:	1,490		676		
Total (Capital + Support):								\$2,166					
57	R7.7/R 11.8	In San Dimas and Glendora, from Route 10 to Route 210. Roadside safety improvements.	4706	30180	0714000032	201.235	2018/19	RW:	0	PA&ED:	100	PA&ED:	8/1/2016
								Const:	2,590	PS&E:	350	RTL:	8/1/2018
										RW:	20	RW Cert:	7/2/2018
										Con:	500		
								Subtotal:	2,590		970		
Total (Capital + Support):								\$3,560					
60	R3.7/R6.3	In and near Monterey Park and Montebello, from Mednick Avenue to Markland drive. Enhance highway worker safety by installing Maintenance Vehicle Pullouts, access gates and other measures.	4595	29580	0713000037	201.235	2016/17	RW:	0	PA&ED:	113	PA&ED:	9/25/2015
								Const:	2,028	PS&E:	334	RTL:	11/18/2016
										RW:	0	RW Cert:	10/20/2016
										Con:	466		
								Subtotal:	2,028		913		
Total (Capital + Support):								\$2,941					



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



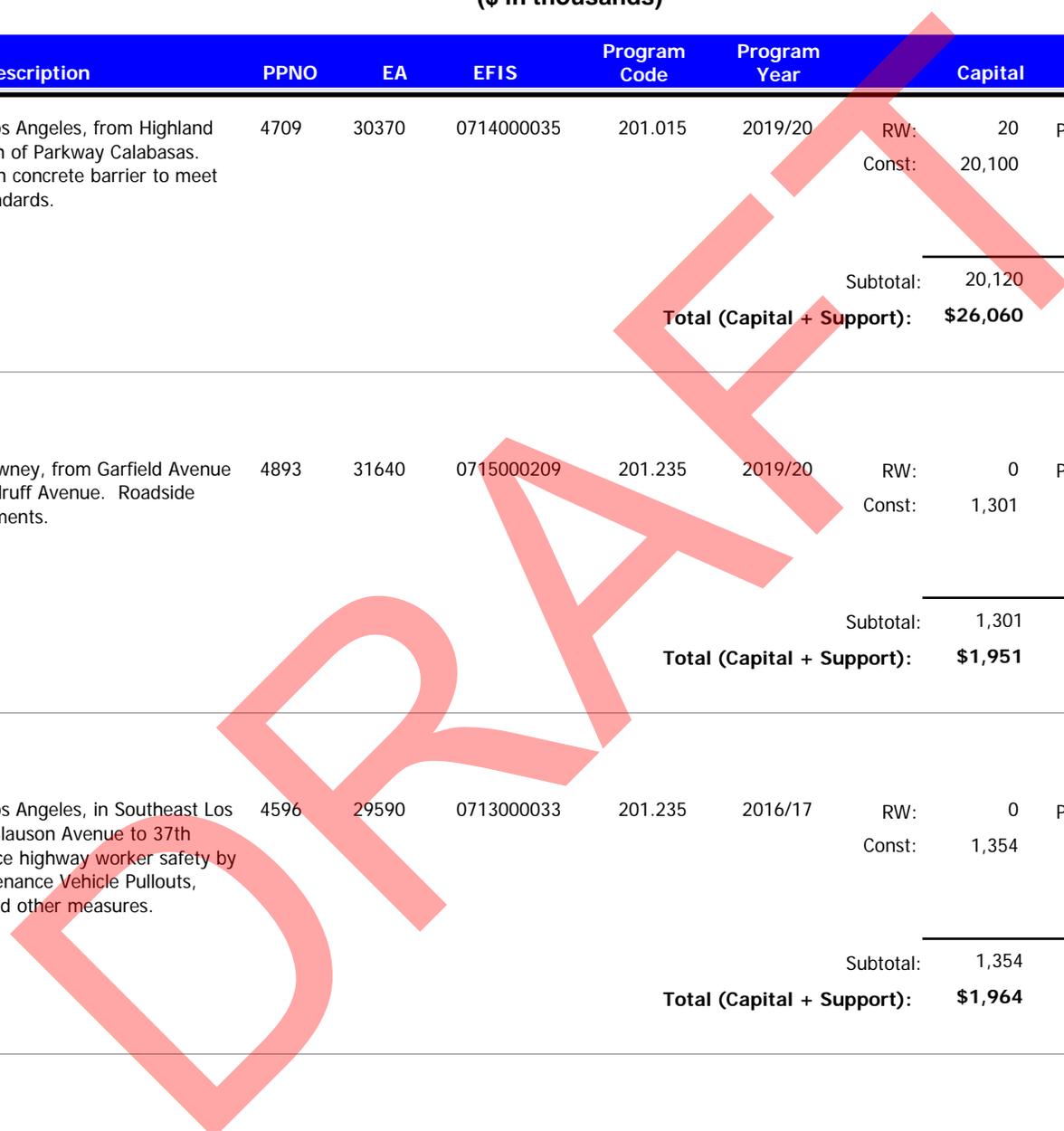
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
91	R11.8/R14.1	In Long Beach, from the Los Angeles River Bridge to Downey Avenue. Enhance highway worker safety by miscellaneous paving, relocating irrigation, and other measures.	4592	29620	0713000029	201.235	2017/18	RW:	0	PA&ED:	73	PA&ED:	10/27/2016
								Const:	2,031	PS&E:	384	RTL:	12/14/2017
										RW:	0	RW Cert:	9/20/2017
										Con:	457		
								Subtotal:	2,031		914		
Total (Capital + Support):								\$2,945					
91	R14.4/R16.6	In Bellflower, from Downey Avenue to San Gabriel River Bridge. Roadside safety improvements.	4714	30410	0714000057	201.235	2018/19	RW:	0	PA&ED:	99	PA&ED:	8/1/2016
								Const:	2,500	PS&E:	313	RTL:	8/1/2018
										RW:	4	RW Cert:	7/2/2018
										Con:	324		
								Subtotal:	2,500		740		
Total (Capital + Support):								\$3,240					
101	1.3/6.3	In the city of Los Angeles, from Grand Avenue to Sunset Boulevard. Enhance highway worker safety by modifying irrigation, miscellaneous paving, and other measures.	4630	29860	0713000276	201.235	2016/17	RW:	0	PA&ED:	47	PA&ED:	5/26/2015
								Const:	1,300	PS&E:	246	RTL:	4/18/2017
										RW:	0	RW Cert:	5/17/2016
										Con:	293		
								Subtotal:	1,300		586		
Total (Capital + Support):								\$1,886					



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



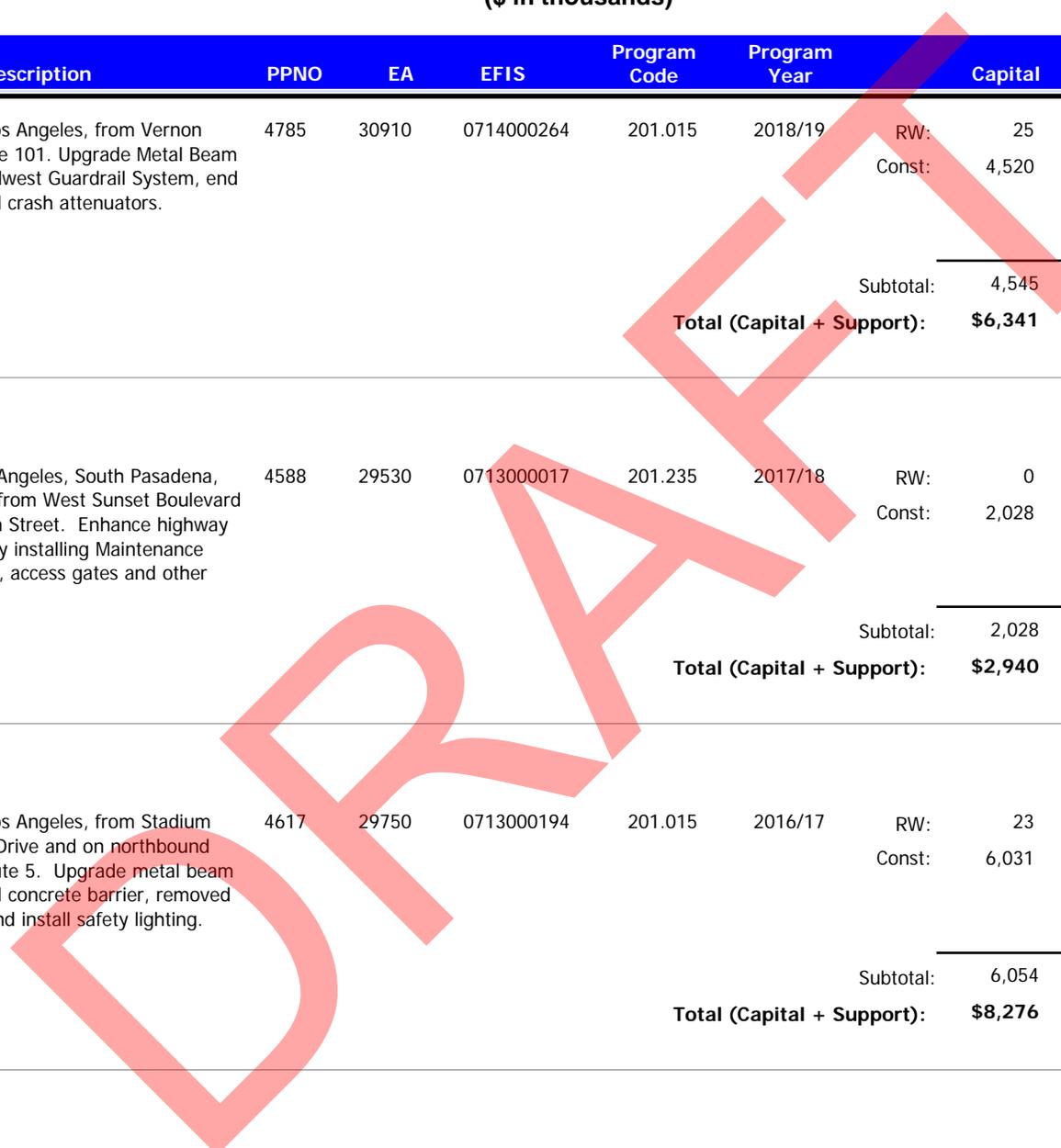
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	7.7/27.7	In the city of Los Angeles, from Highland Avenue to south of Parkway Calabasas. Upgrade median concrete barrier to meet the current standards.	4709	30370	0714000035	201.015	2019/20	RW:	20	PA&ED:	550	PA&ED:	10/6/2017
								Const:	20,100	PS&E:	2,325	RTL:	9/16/2019
										RW:	15	RW Cert:	9/3/2019
										Con:	3,050		
								Subtotal:	20,120		5,940		
Total (Capital + Support):									\$26,060				
105	R14.1/R17.2	In and near Downey, from Garfield Avenue to east of Woodruff Avenue. Roadside safety improvements.	4893	31640	0715000209	201.235	2019/20	RW:	0	PA&ED:	125	PA&ED:	7/5/2017
								Const:	1,301	PS&E:	250	RTL:	7/5/2019
										RW:	25	RW Cert:	5/29/2019
										Con:	250		
								Subtotal:	1,301		650		
Total (Capital + Support):									\$1,951				
110	17.9/20.0	In the city of Los Angeles, in Southeast Los Angeles, from Slauson Avenue to 37th Street. Enhance highway worker safety by installing Maintenance Vehicle Pullouts, access gates and other measures.	4596	29590	0713000033	201.235	2016/17	RW:	0	PA&ED:	49	PA&ED:	6/18/2015
								Const:	1,354	PS&E:	256	RTL:	1/20/2017
										RW:	0	RW Cert:	8/12/2016
										Con:	305		
								Subtotal:	1,354		610		
Total (Capital + Support):									\$1,964				



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



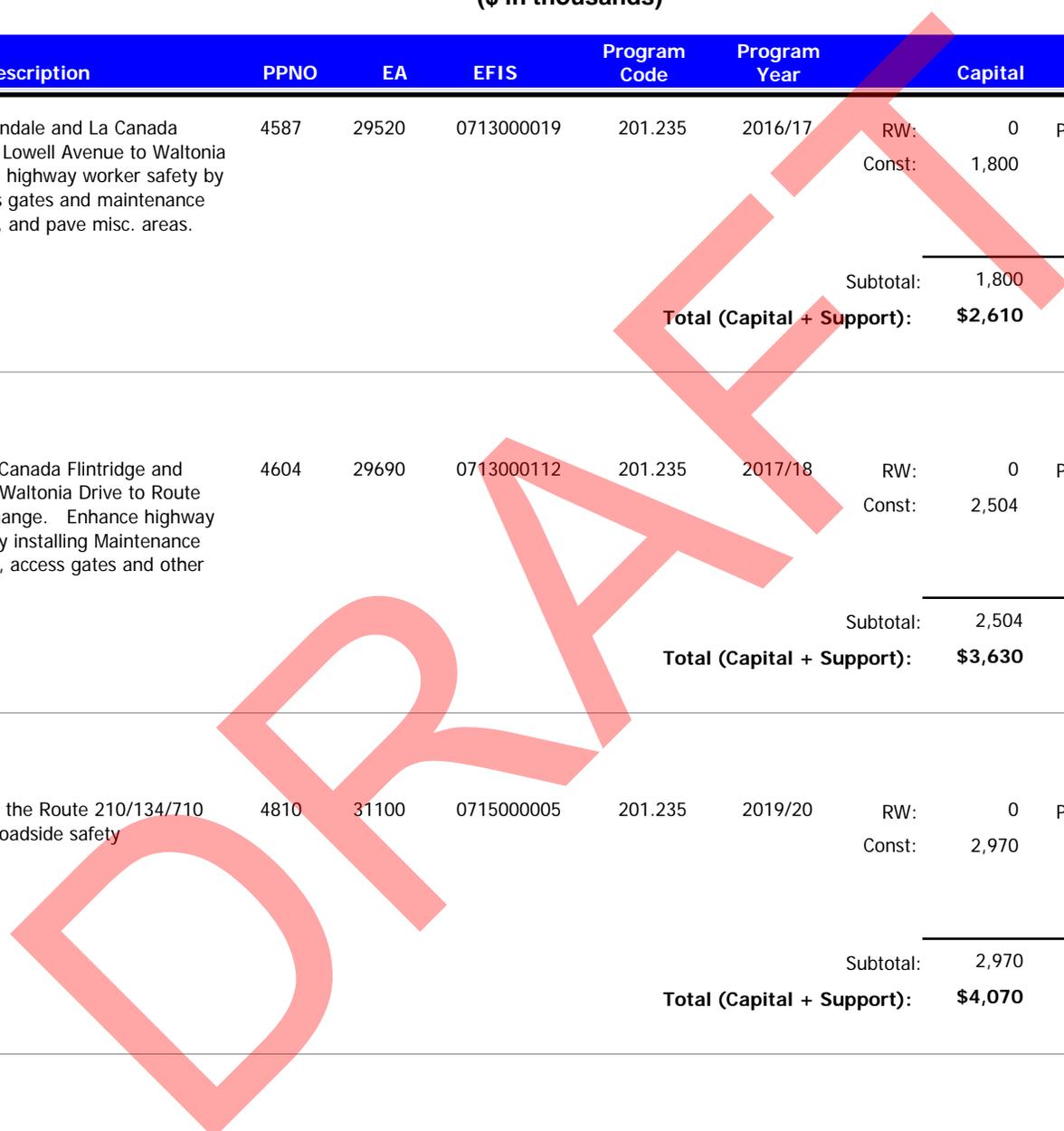
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
110	18.8/23.8	In the city of Los Angeles, from Vernon Avenue to Route 101. Upgrade Metal Beam Guardrail to Midwest Guardrail System, end treatments, and crash attenuators.	4785	30910	0714000264	201.015	2018/19	RW:	25	PA&ED:	306	PA&ED:	8/17/2017
								Const:	4,520	PS&E:	632	RTL:	11/15/2018
										RW:	45	RW Cert:	10/15/2018
										Con:	813		
								Subtotal:	4,545		1,796		
Total (Capital + Support):								\$6,341					
110	24.1/31.9	In cities of Los Angeles, South Pasadena, and Pasadena, from West Sunset Boulevard to East Glenarm Street. Enhance highway worker safety by installing Maintenance Vehicle Pullouts, access gates and other measures.	4588	29530	0713000017	201.235	2017/18	RW:	0	PA&ED:	113	PA&ED:	6/30/2016
								Const:	2,028	PS&E:	333	RTL:	1/18/2018
										RW:	0	RW Cert:	4/25/2017
										Con:	466		
								Subtotal:	2,028		912		
Total (Capital + Support):								\$2,940					
110	24.6/30.0	In the city of Los Angeles, from Stadium Way to Arroyo Drive and on northbound off-ramp to Route 5. Upgrade metal beam guardrail, install concrete barrier, removed raised island, and install safety lighting.	4617	29750	0713000194	201.015	2016/17	RW:	23	PA&ED:	363	PA&ED:	8/15/2016
								Const:	6,031	PS&E:	1,116	RTL:	3/15/2017
										RW:	33	RW Cert:	11/10/2016
										Con:	710		
								Subtotal:	6,054		2,222		
Total (Capital + Support):								\$8,276					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



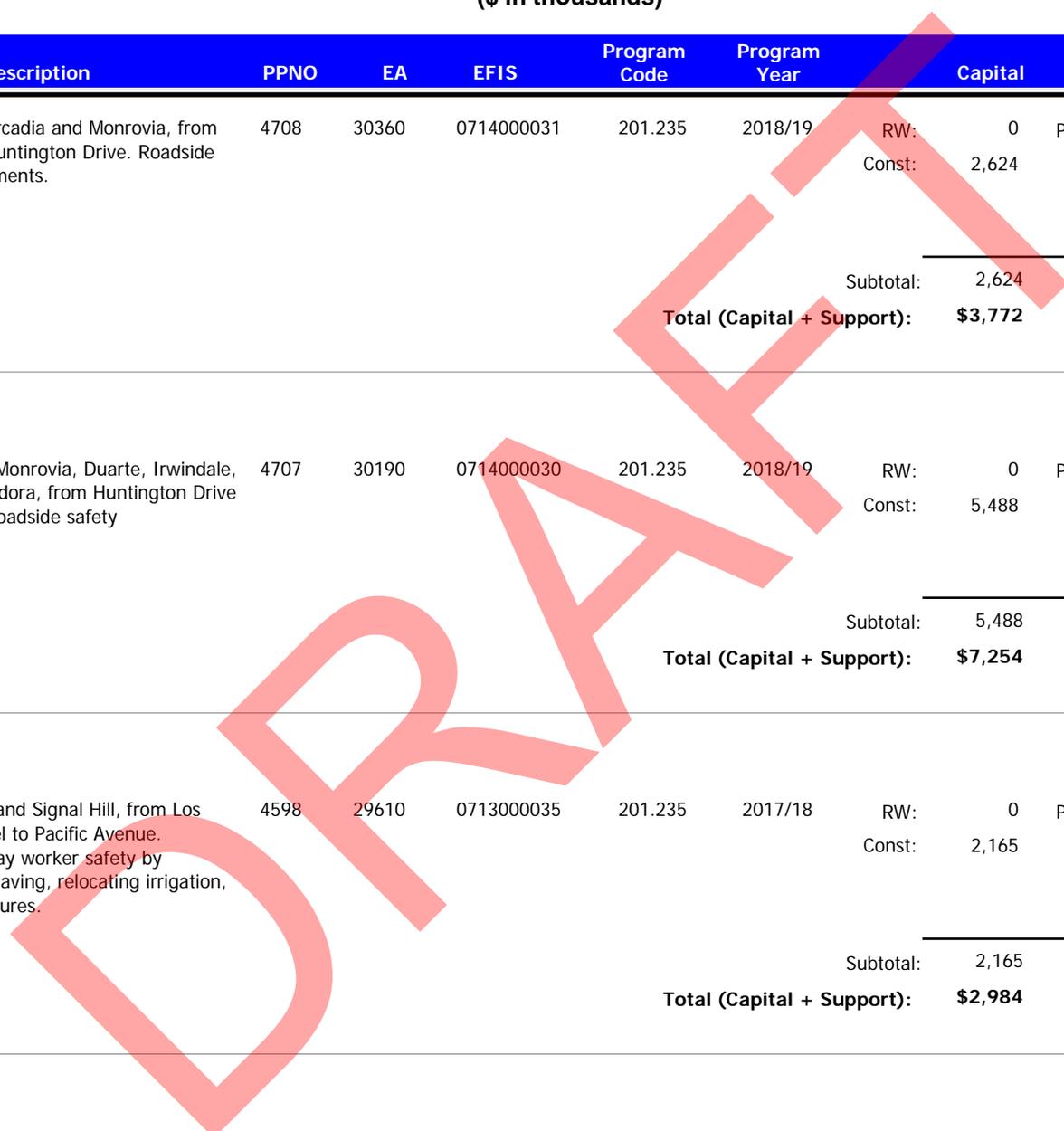
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
210	R15.6/R18.5	In and near Glendale and La Canada Flintridge, from Lowell Avenue to Waltonia Drive. Enhance highway worker safety by installing access gates and maintenance vehicle pullouts, and pave misc. areas.	4587	29520	0713000019	201.235	2016/17	RW:	0	PA&ED:	73	PA&ED:	6/26/2015
								Const:	1,800	PS&E:	332	RTL:	12/20/2016
										RW:	0	RW Cert:	11/1/2016
										Con:	405		
								Subtotal:	1,800		810		
Total (Capital + Support):									\$2,610				
210	R18.5/R24.9	In and near La Canada Flintridge and Pasadena from Waltonia Drive to Route 134/210 interchange. Enhance highway worker safety by installing Maintenance Vehicle Pullouts, access gates and other measures.	4604	29690	0713000112	201.235	2017/18	RW:	0	PA&ED:	101	PA&ED:	9/30/2016
								Const:	2,504	PS&E:	462	RTL:	3/15/2018
										RW:	0	RW Cert:	1/30/2018
										Con:	563		
								Subtotal:	2,504		1,126		
Total (Capital + Support):									\$3,630				
210	R24.6/R25.3	In Pasadena, at the Route 210/134/710 Interchange. Roadside safety improvements.	4810	31100	0715000005	201.235	2019/20	RW:	0	PA&ED:	118	PA&ED:	12/15/2016
								Const:	2,970	PS&E:	429	RTL:	10/21/2019
										RW:	5	RW Cert:	9/23/2019
										Con:	548		
								Subtotal:	2,970		1,100		
Total (Capital + Support):									\$4,070				



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
210	R25.0/R32.8	In Pasadena, Arcadia and Monrovia, from Route 710 to Huntington Drive. Roadside safety improvements.	4708	30360	0714000031	201.235	2018/19	RW:	0	PA&ED:	144	PA&ED:	10/1/2017
								Const:	2,624	PS&E:	418	RTL:	3/1/2019
										RW:	23	RW Cert:	2/1/2019
										Con:	563		
								Subtotal:	2,624		1,148		
Total (Capital + Support):									\$3,772				
210	R32.8/R44.7	In the cities of Monrovia, Duarte, Irwindale, Azusa and Glendora, from Huntington Drive to Route 57. Roadside safety improvements.	4707	30190	0714000030	201.235	2018/19	RW:	0	PA&ED:	220	PA&ED:	5/30/2017
								Const:	5,488	PS&E:	620	RTL:	11/30/2018
										RW:	26	RW Cert:	10/31/2018
										Con:	900		
								Subtotal:	5,488		1,766		
Total (Capital + Support):									\$7,254				
405	0.7/6.7	In Long Beach and Signal Hill, from Los Cerritos Channel to Pacific Avenue. Enhance highway worker safety by miscellaneous paving, relocating irrigation, and other measures.	4598	29610	0713000035	201.235	2017/18	RW:	0	PA&ED:	81	PA&ED:	7/5/2016
								Const:	2,165	PS&E:	360	RTL:	8/30/2017
										RW:	0	RW Cert:	5/19/2017
										Con:	378		
								Subtotal:	2,165		819		
Total (Capital + Support):									\$2,984				



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



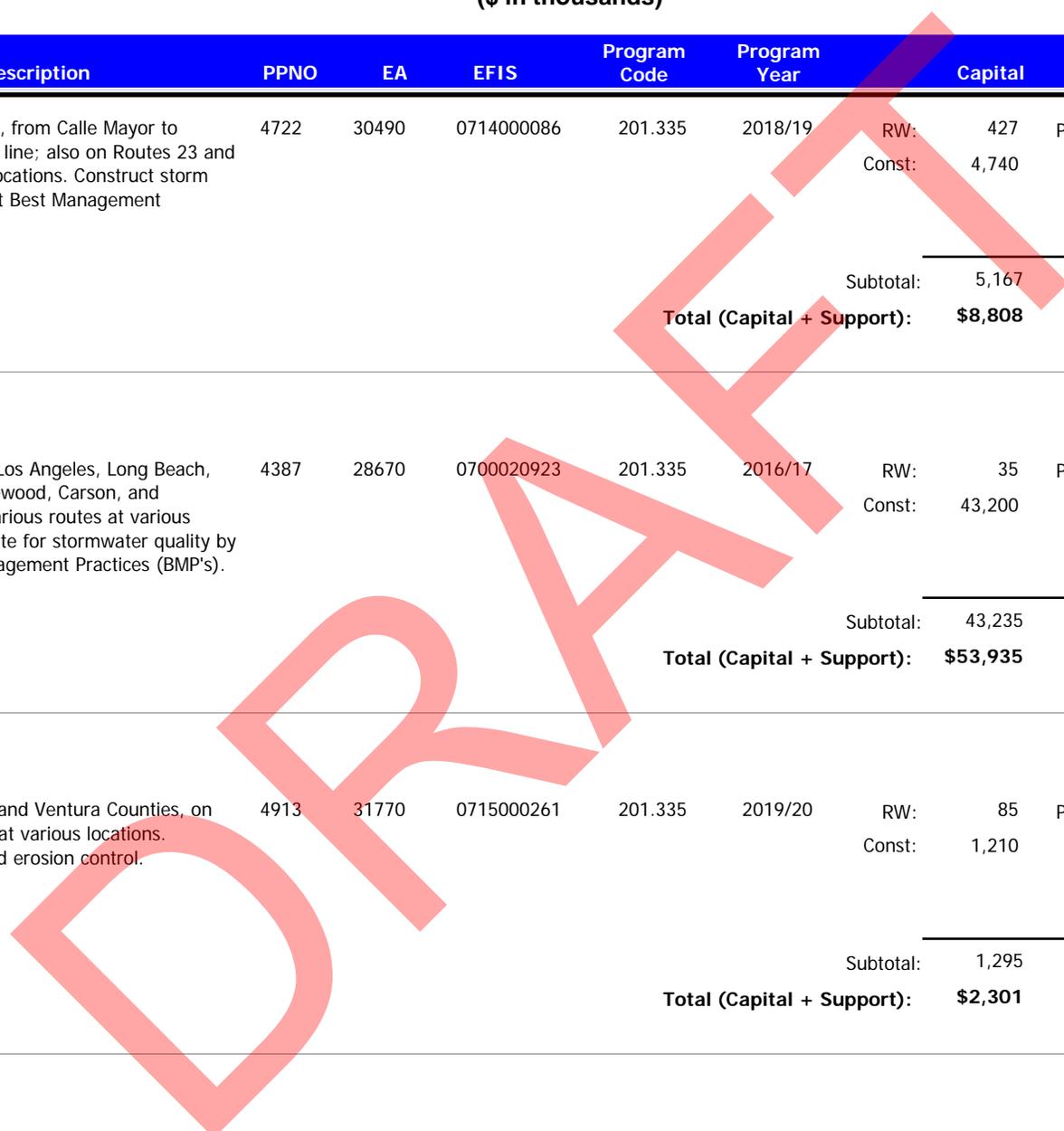
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
405	R21.5/26.3	In and near the cities of Inglewood, Los Angeles, and Culver City, from 105 to Port Road. Enhance highway worker safety by replacing crash cushions, miscellaneous paving, and other measures.	4593	29630	0713000030	201.235	2017/18	RW:	0	PA&ED:	79	PA&ED:	7/5/2016
								Const:	2,130	PS&E:	405	RTL:	12/5/2017
										RW:	0	RW Cert:	11/3/2017
										Con:	475		
								Subtotal:	2,130		959		
Total (Capital + Support):									\$3,089				
605	R17.0/R19.5	In and near Industry, from south of Route 60 to Valley Boulevard. Roadside safety improvements.	4713	30400	0714000056	201.235	2018/19	RW:	0	PA&ED:	54	PA&ED:	8/1/2016
								Const:	2,513	PS&E:	324	RTL:	8/1/2018
										RW:	60	RW Cert:	7/2/2018
										Con:	385		
								Subtotal:	2,513		823		
Total (Capital + Support):									\$3,336				
MANDATES													
1	0.1/4.0	In Long Beach, Signal Hill and Lakewood on various routes at various locations. Mitigate for stormwater quality by installing bio-filtration swales, basins, media filters and gross solid removal devices, and other best management practices (BMP's).	4390	28660	0700020900	201.335	2016/17	RW:	10	PA&ED:	0	PA&ED:	8/25/2014
								Const:	17,500	PS&E:	2,450	RTL:	4/3/2017
										RW:	300	RW Cert:	3/3/2017
										Con:	2,600		
								Subtotal:	17,510		5,350		
Total (Capital + Support):									\$22,860				



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



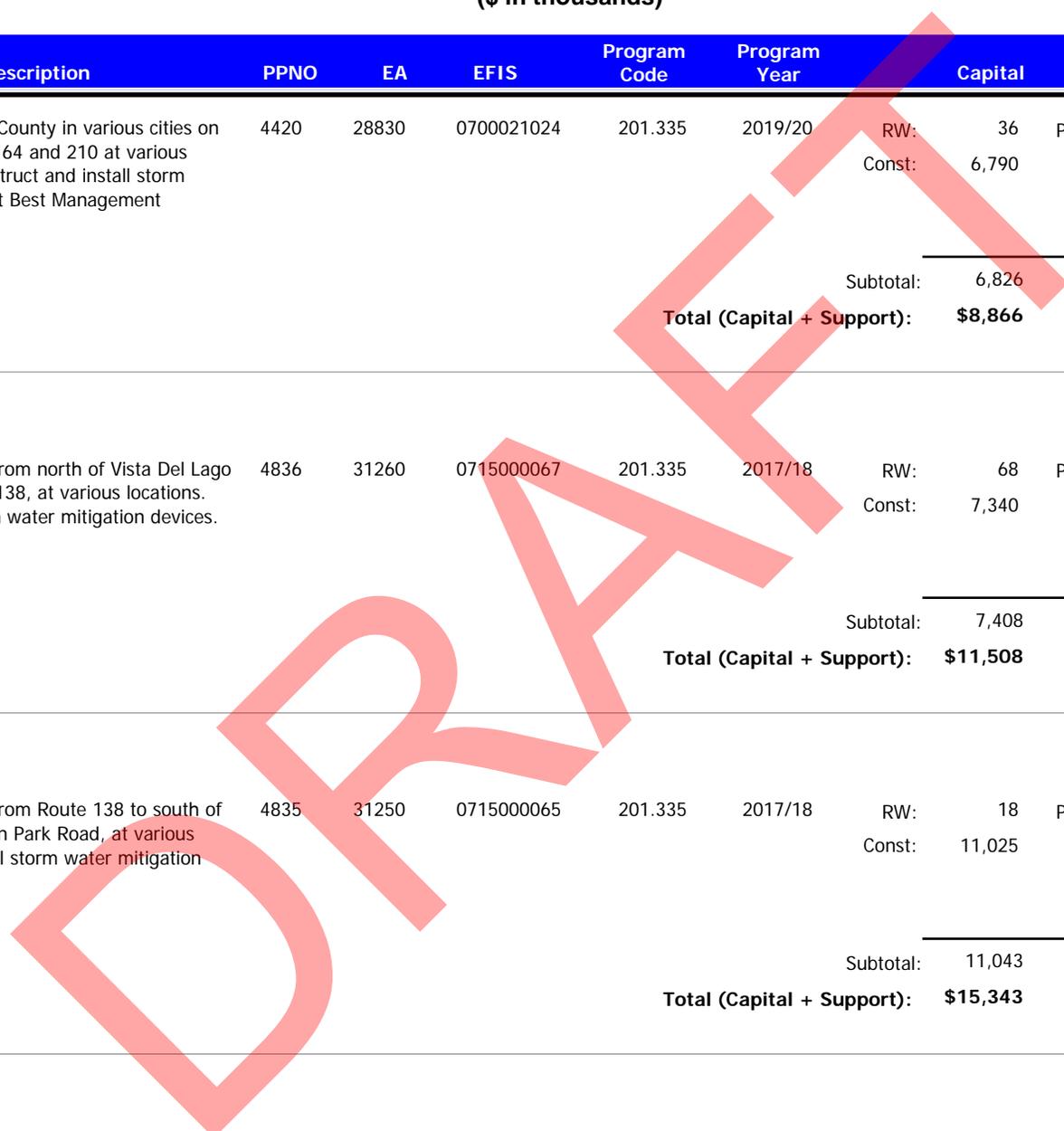
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
1	17.4/62.8	In various cities, from Calle Mayor to Ventura County line; also on Routes 23 and 27, at various locations. Construct storm water treatment Best Management Practices.	4722	30490	0714000086	201.335	2018/19	RW:	427	PA&ED:	800	PA&ED:	6/20/2017
								Const:	4,740	PS&E:	1,823	RTL:	10/19/2018
										RW:	62	RW Cert:	8/27/2018
										Con:	956		
								Subtotal:	5,167		3,641		
Total (Capital + Support):									\$8,808				
1	7.7/9.2	In the cities of Los Angeles, Long Beach, Signal Hill, Lakewood, Carson, and Hawthorn on various routes at various location. Mitigate for stormwater quality by using Best Management Practices (BMP's).	4387	28670	0700020923	201.335	2016/17	RW:	35	PA&ED:	0	PA&ED:	6/28/2013
								Const:	43,200	PS&E:	5,000	RTL:	12/23/2016
										RW:	700	RW Cert:	10/3/2016
										Con:	5,000		
								Subtotal:	43,235		10,700		
Total (Capital + Support):									\$53,935				
1	8.3/9.9	In Los Angeles and Ventura Counties, on various routes, at various locations. Stabilize soil and erosion control.	4913	31770	0715000261	201.335	2019/20	RW:	85	PA&ED:	400	PA&ED:	7/15/2017
								Const:	1,210	PS&E:	250	RTL:	9/30/2019
										RW:	6	RW Cert:	8/15/2019
										Con:	350		
								Subtotal:	1,295		1,006		
Total (Capital + Support):									\$2,301				



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(\$ in thousands)**



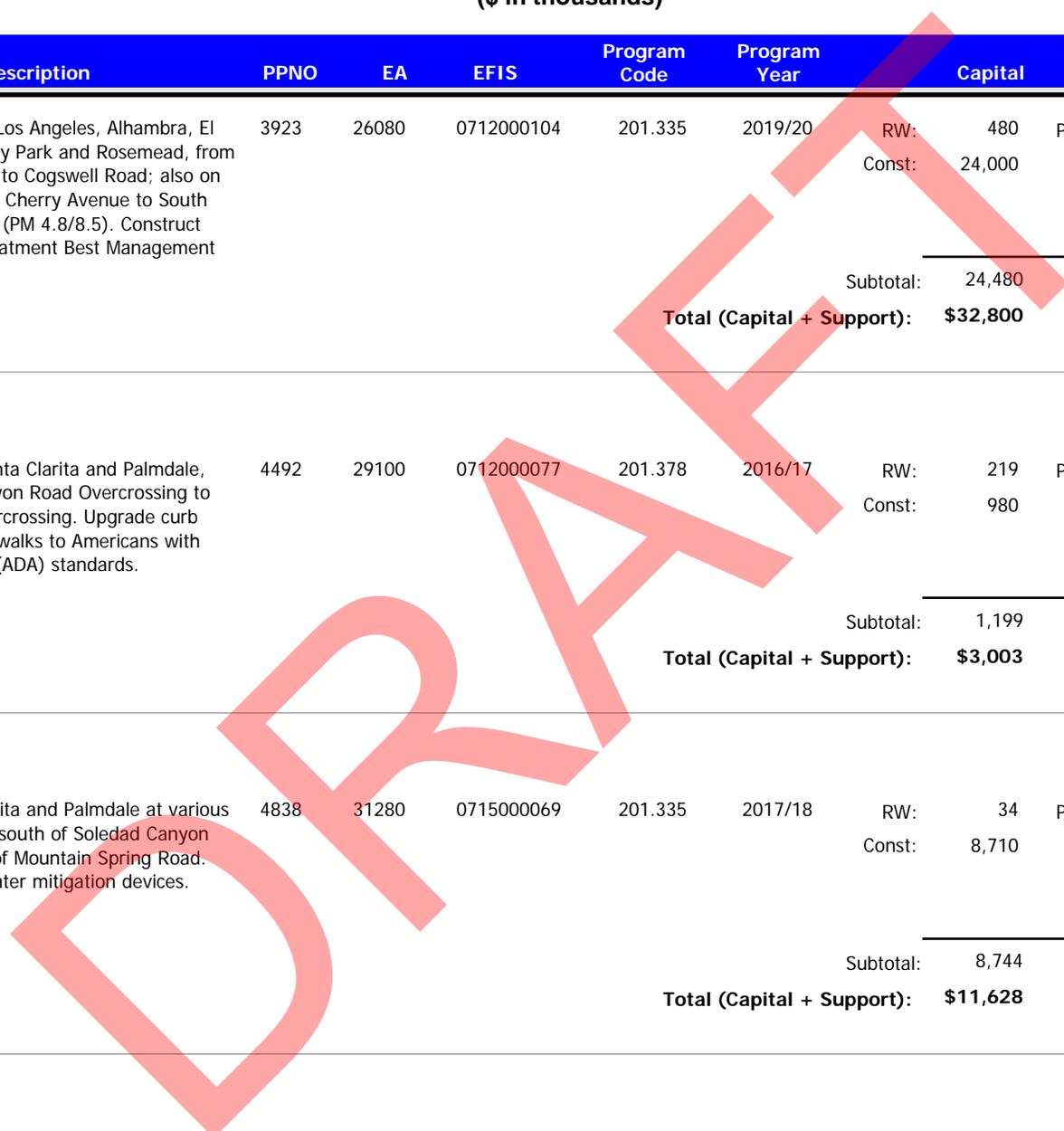
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
2	13.1/14.3	In Los Angeles County in various cities on routes 60, 66, 164 and 210 at various locations. Construct and install storm water treatment Best Management Practices.	4420	28830	0700021024	201.335	2019/20	RW:	36	PA&ED:	343	PA&ED:	9/30/2018
								Const:	6,790	PS&E:	547	RTL:	8/15/2019
										RW:	50	RW Cert:	5/15/2019
										Con:	1,100		
								Subtotal:	6,826		2,040		
Total (Capital + Support):								\$8,866					
5	R75.0/R81.8	Near Gorman, from north of Vista Del Lago Road to Route 138, at various locations. Construct storm water mitigation devices.	4836	31260	0715000067	201.335	2017/18	RW:	68	PA&ED:	950	PA&ED:	8/15/2016
								Const:	7,340	PS&E:	2,000	RTL:	1/12/2018
										RW:	50	RW Cert:	12/13/2017
										Con:	1,100		
								Subtotal:	7,408		4,100		
Total (Capital + Support):								\$11,508					
5	R81.8/R87.8	Near Gorman, from Route 138 to south of Frazier Mountain Park Road, at various locations. Install storm water mitigation devices.	4835	31250	0715000065	201.335	2017/18	RW:	18	PA&ED:	900	PA&ED:	2/16/2016
								Const:	11,025	PS&E:	1,800	RTL:	7/14/2017
										RW:	100	RW Cert:	6/15/2017
										Con:	1,500		
								Subtotal:	11,043		4,300		
Total (Capital + Support):								\$15,343					



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



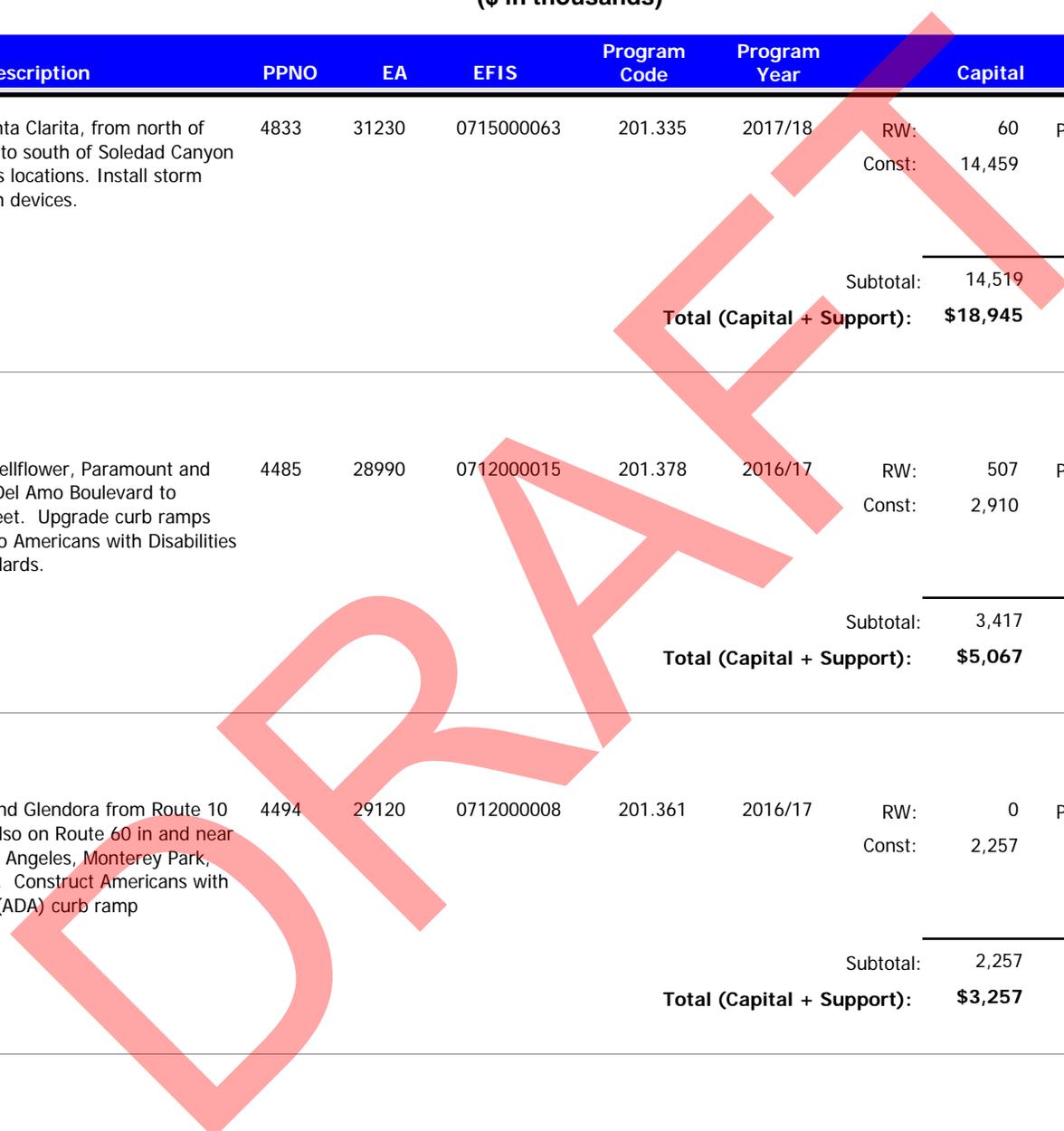
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
10	16.6/30.1	In the cities of Los Angeles, Alhambra, El Monte, Monterey Park and Rosemead, from Central Avenue to Cogswell Road; also on Route 405 from Cherry Avenue to South Alameda Street (PM 4.8/8.5). Construct storm water treatment Best Management Practices.	3923	26080	0712000104	201.335	2019/20	RW:	480	PA&ED:	1,600	PA&ED:	1/2/2018
								Const:	24,000	PS&E:	2,560	RTL:	3/12/2020
										RW:	320	RW Cert:	2/12/2020
										Con:	3,840		
								Subtotal:	24,480		8,320		
Total (Capital + Support):									\$32,800				
14	33.2/R58.3	In and near Santa Clarita and Palmdale, from Sand Canyon Road Overcrossing to Avenue S Undercrossing. Upgrade curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	4492	29100	0712000077	201.378	2016/17	RW:	219	PA&ED:	144	PA&ED:	3/13/2015
								Const:	980	PS&E:	1,000	RTL:	11/15/2016
										RW:	60	RW Cert:	10/14/2016
										Con:	600		
								Subtotal:	1,199		1,804		
Total (Capital + Support):									\$3,003				
14	35.0/R53.5	Near Santa Clarita and Palmdale at various locations, from south of Soledad Canyon Road to south of Mountain Spring Road. Install storm water mitigation devices.	4838	31280	0715000069	201.335	2017/18	RW:	34	PA&ED:	240	PA&ED:	7/29/2016
								Const:	8,710	PS&E:	1,264	RTL:	11/30/2017
										RW:	20	RW Cert:	11/2/2017
										Con:	1,360		
								Subtotal:	8,744		2,884		
Total (Capital + Support):									\$11,628				



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



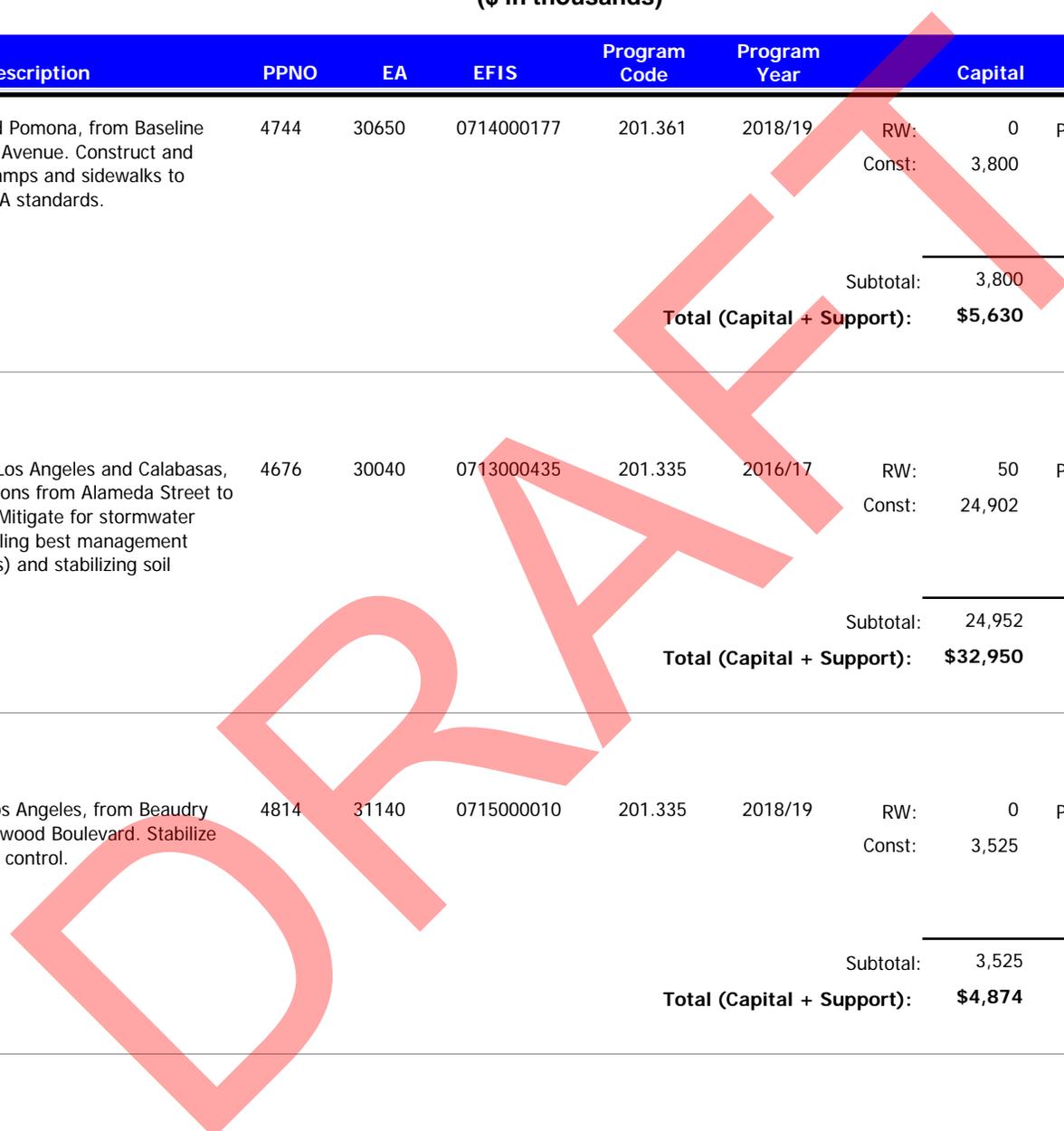
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
14	R25.5/R35.0	In and near Santa Clarita, from north of Sierra Highway to south of Soledad Canyon Road, at various locations. Install storm water mitigation devices.	4833	31230	0715000063	201.335	2017/18	RW:	60	PA&ED:	270	PA&ED:	7/29/2016
								Const:	14,459	PS&E:	2,014	RTL:	11/30/2017
										RW:	42	RW Cert:	11/2/2017
										Con:	2,100		
								Subtotal:	14,519		4,426		
Total (Capital + Support):								\$18,945					
19	4.0/8.4	In Lakewood, Bellflower, Paramount and Downey, from Del Amo Boulevard to Gardendale Street. Upgrade curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	4485	28990	0712000015	201.378	2016/17	RW:	507	PA&ED:	300	PA&ED:	3/30/2016
								Const:	2,910	PS&E:	705	RTL:	3/30/2017
										RW:	45	RW Cert:	4/14/2017
										Con:	600		
								Subtotal:	3,417		1,650		
Total (Capital + Support):								\$5,067					
57	R7.7/R12.2	In San Dimas and Glendora from Route 10 to Route 210, also on Route 60 in and near the cities of Los Angeles, Monterey Park, and Montebello. Construct Americans with Disabilities Act (ADA) curb ramp improvements.	4494	29120	0712000008	201.361	2016/17	RW:	0	PA&ED:	200	PA&ED:	6/25/2015
								Const:	2,257	PS&E:	400	RTL:	12/20/2016
										RW:	0	RW Cert:	10/28/2016
										Con:	400		
								Subtotal:	2,257		1,000		
Total (Capital + Support):								\$3,257					



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(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
66	0.0/3.2	In La Verne and Pomona, from Baseline Road to Towne Avenue. Construct and upgrade curb ramps and sidewalks to comply with ADA standards.	4744	30650	0714000177	201.361	2018/19	RW:	0	PA&ED:	350	PA&ED:	3/7/2017
								Const:	3,800	PS&E:	800	RTL:	4/12/2019
										RW:	30	RW Cert:	9/17/2018
										Con:	650		
								Subtotal:	3,800		1,830		
Total (Capital + Support):								\$5,630					
101	0.5/29.3	In the cities of Los Angeles and Calabasas, at various locations from Alameda Street to Mureau Road. Mitigate for stormwater quality by installing best management practices (BMP's) and stabilizing soil erosion.	4676	30040	0713000435	201.335	2016/17	RW:	50	PA&ED:	960	PA&ED:	12/16/2015
								Const:	24,902	PS&E:	4,363	RTL:	2/1/2017
										RW:	20	RW Cert:	1/5/2017
										Con:	2,655		
								Subtotal:	24,952		7,998		
Total (Capital + Support):								\$32,950					
101	1.7/6.6	In the city of Los Angeles, from Beaudry Avenue to Hollywood Boulevard. Stabilize soil and erosion control.	4814	31140	0715000010	201.335	2018/19	RW:	0	PA&ED:	310	PA&ED:	5/30/2017
								Const:	3,525	PS&E:	440	RTL:	3/30/2019
										RW:	19	RW Cert:	1/17/2019
										Con:	580		
								Subtotal:	3,525		1,349		
Total (Capital + Support):								\$4,874					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



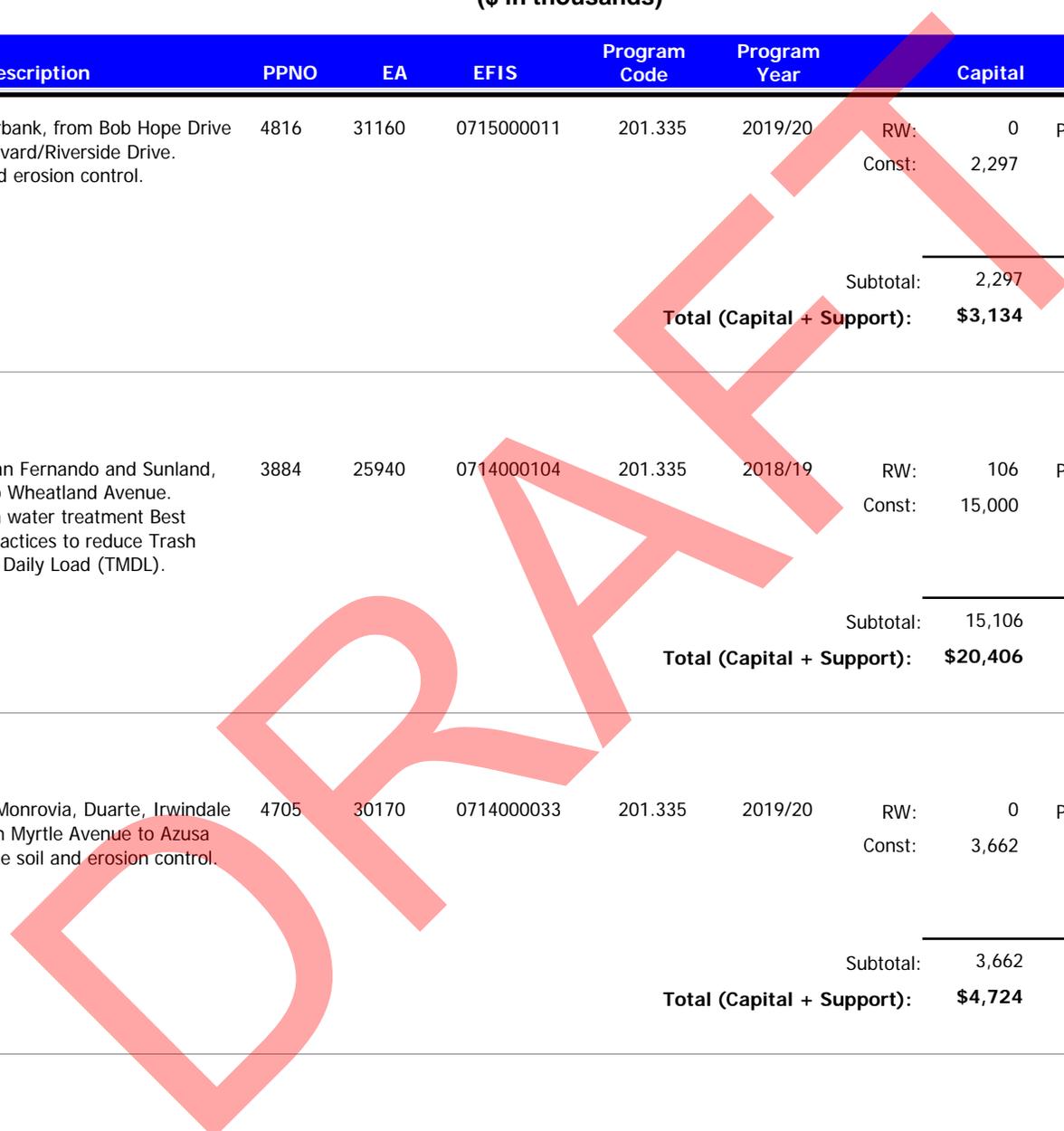
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
101	30.9/38.1	In and near Calabasas, Agoura Hills and West Lake Village, from Las Virgenes Road to Lindero Canyon Road; also in and near the cities of Camarillo, Oxnard, and Ventura from Pleasant Valley Road to Padre Juan Canyon Road. Upgrade to ADA standards.	4493	29110	0712000068	201.378	2016/17	RW:	0	PA&ED:	200	PA&ED:	7/20/2016
								Const:	1,969	PS&E:	400	RTL:	3/15/2017
										RW:	0	RW Cert:	2/15/2017
										Con:	400		
								Subtotal:	1,969		1,000		
Total (Capital + Support):								\$2,969					
110	13.4/23.1	In the city of Los Angeles, from 120th Street to 3rd Street at various locations. Construct gross solid removal devices, biofiltration devices, and detention basin.	3279	23830	0714000081	201.335	2018/19	RW:	10	PA&ED:	740	PA&ED:	12/1/2016
								Const:	11,000	PS&E:	1,855	RTL:	2/1/2019
										RW:	30	RW Cert:	11/1/2018
										Con:	2,234		
								Subtotal:	11,010		4,859		
Total (Capital + Support):								\$15,869					
110	3.8/6.5	In the cities of Los Angeles and Carson, from L Street to 223rd Street. Construct storm water treatment Best Management Practices.	4174	27610	0700000525	201.335	2018/19	RW:	65	PA&ED:	940	PA&ED:	7/29/2016
								Const:	9,900	PS&E:	1,250	RTL:	12/31/2018
										RW:	300	RW Cert:	10/31/2018
										Con:	1,900		
								Subtotal:	9,965		4,390		
Total (Capital + Support):								\$14,355					



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
134	2.6/4.8	In and near Burbank, from Bob Hope Drive to Victory Boulevard/Riverside Drive. Stabilize soil and erosion control.	4816	31160	0715000011	201.335	2019/20	RW:	0	PA&ED:	120	PA&ED:	1/15/2017
								Const:	2,297	PS&E:	300	RTL:	9/15/2019
										RW:	7	RW Cert:	8/15/2019
										Con:	410		
								Subtotal:	2,297		837		
Total (Capital + Support):								\$3,134					
210	R0.0/R9.7	Near Sylmar, San Fernando and Sunland, from Route 5 to Wheatland Avenue. Construct storm water treatment Best Management Practices to reduce Trash Total Maximum Daily Load (TMDL).	3884	25940	0714000104	201.335	2018/19	RW:	106	PA&ED:	700	PA&ED:	12/10/2017
								Const:	15,000	PS&E:	2,000	RTL:	4/22/2019
										RW:	100	RW Cert:	3/13/2018
										Con:	2,500		
								Subtotal:	15,106		5,300		
Total (Capital + Support):								\$20,406					
210	R33.7/R39.8	In the cities of Monrovia, Duarte, Irwindale and Azusa, from Myrtle Avenue to Azusa Avenue. Stabilize soil and erosion control.	4705	30170	0714000033	201.335	2019/20	RW:	0	PA&ED:	144	PA&ED:	1/13/2017
								Const:	3,662	PS&E:	440	RTL:	7/26/2019
										RW:	0	RW Cert:	5/15/2019
										Con:	478		
								Subtotal:	3,662		1,062		
Total (Capital + Support):								\$4,724					



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



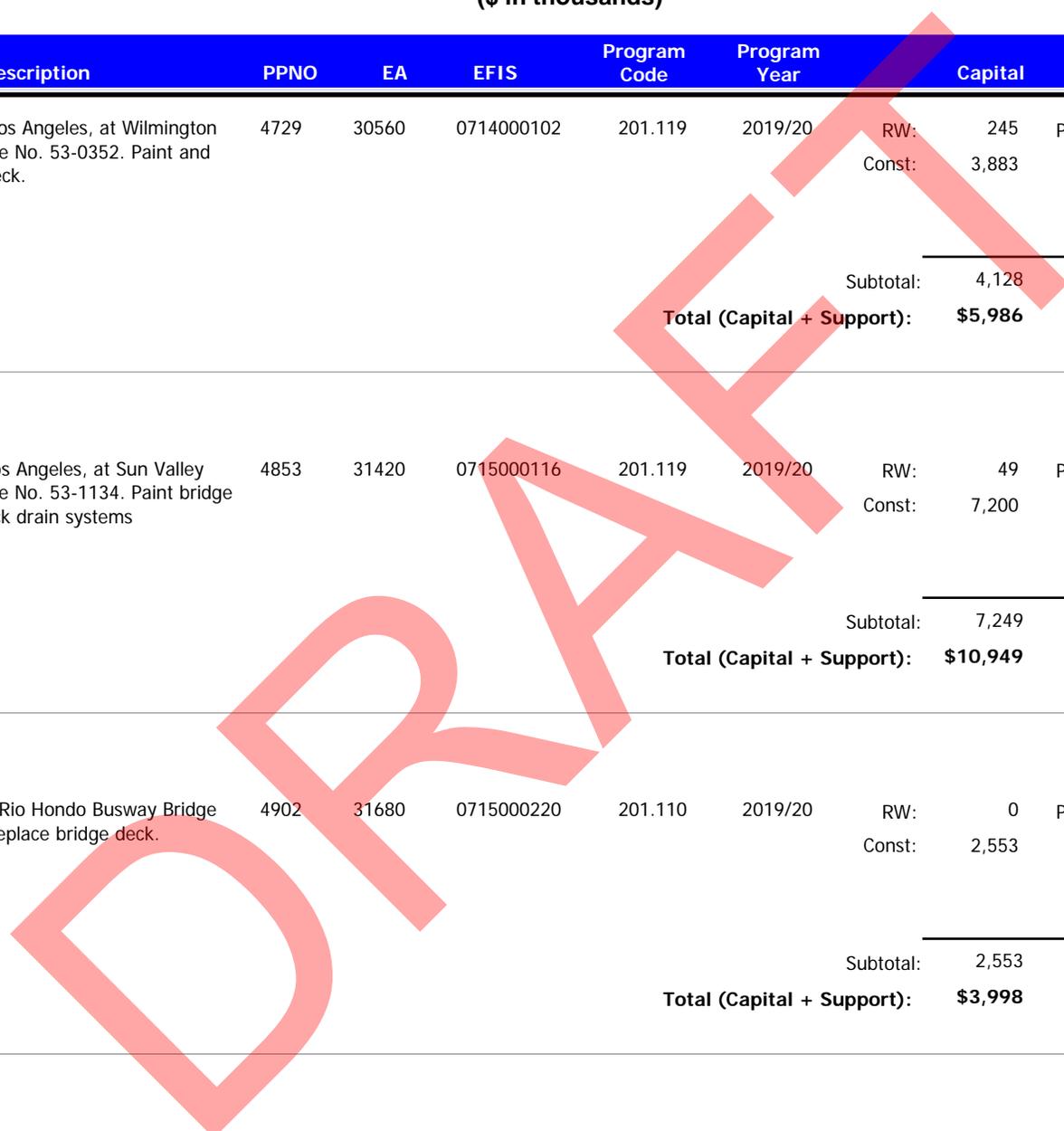
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
710	23.3/25.6	In East Los Angeles, from Route 5 to north of Floral Drive; also on Route 60 (PM R2.9/R3.8), from west of Marina Avenue Pedestrian Overcrossing to Mednick Avenue. Stabilize soil and erosion control.	4717	30440	0714000061	201.335	2018/19	RW:	0	PA&ED:	54	PA&ED:	8/1/2016
								Const:	3,425	PS&E:	600	RTL:	8/1/2018
										RW:	6	RW Cert:	7/2/2018
										Con:	640		
								Subtotal:	3,425		1,300		
Total (Capital + Support):								\$4,725					
BRIDGE PRESERVATION													
1	1.0	In Long Beach, at Alamitos Bay Bridge No. 53-0064. Seismic retrofit.	4165	27540	0700000520	201.113	2017/18	RW:	2,938	PA&ED:	1,075	PA&ED:	5/30/2017
								Const:	14,590	PS&E:	1,551	RTL:	9/24/2019
										RW:	0	RW Cert:	7/25/2019
										Con:	2,772		
								Subtotal:	17,528		5,398		
Total (Capital + Support):								\$22,926					
1	56.5/56.9	In Malibu, from Guernsey Avenue to Trancas Canyon Road/Broad Beach Road. Replace bridge.	4498	29140	0712000094	201.110	2017/18	RW:	2,021	PA&ED:	738	PA&ED:	5/13/2016
								Const:	5,488	PS&E:	1,428	RTL:	9/11/2017
										RW:	174	RW Cert:	5/5/2017
										Con:	1,251		
								Subtotal:	7,509		3,591		
Total (Capital + Support):								\$11,100					



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



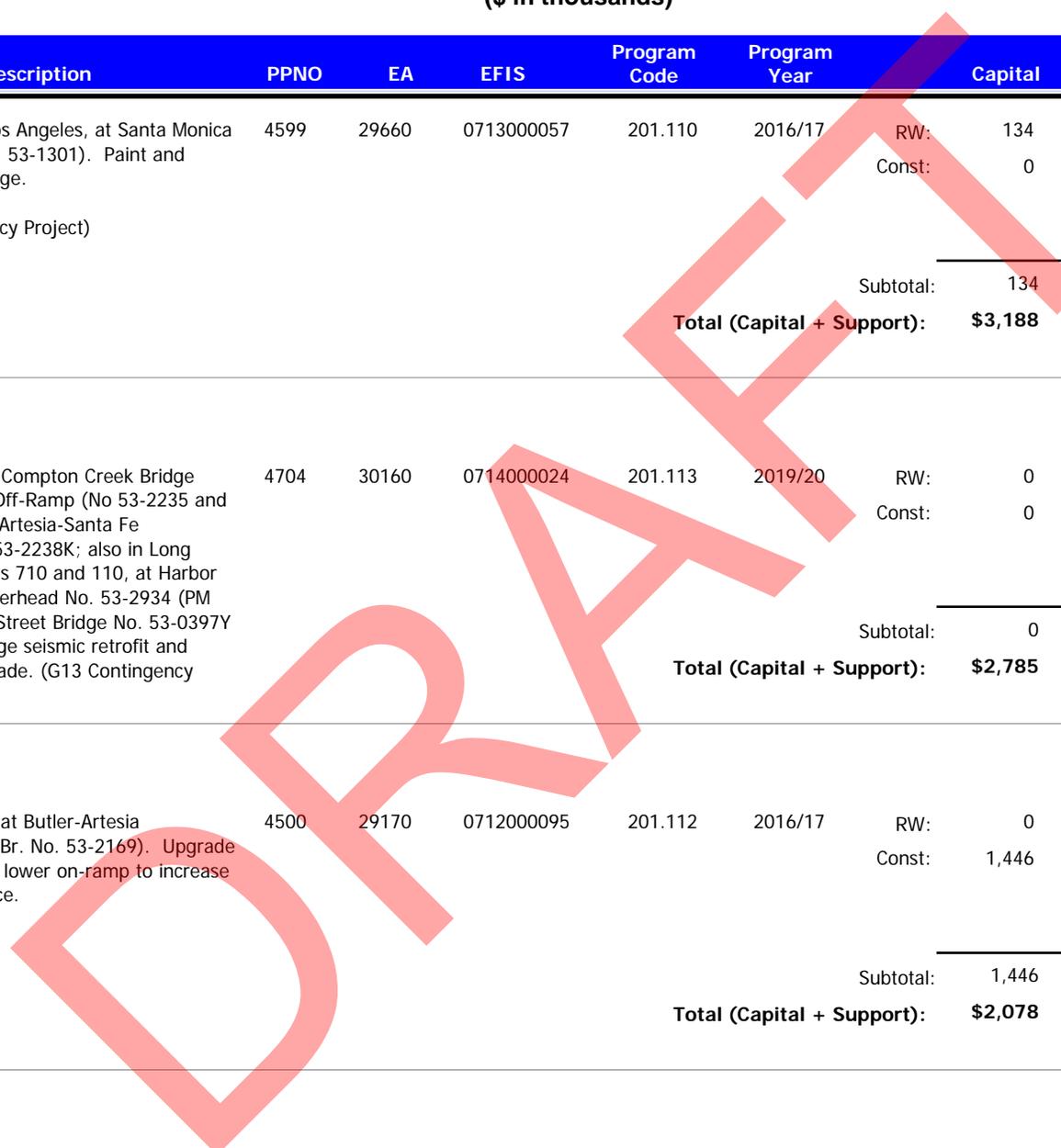
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
1	9.9	In the city of Los Angeles, at Wilmington Overhead Bridge No. 53-0352. Paint and repair bridge deck.	4729	30560	0714000102	201.119	2019/20	RW:	245	PA&ED:	100	PA&ED:	1/13/2017
								Const:	3,883	PS&E:	832	RTL:	8/14/2019
										RW:	100	RW Cert:	7/12/2019
										Con:	826		
								Subtotal:	4,128		1,858		
Total (Capital + Support):								\$5,986					
5	34.6	In the city of Los Angeles, at Sun Valley Overhead Bridge No. 53-1134. Paint bridge and replace deck drain systems	4853	31420	0715000116	201.119	2019/20	RW:	49	PA&ED:	500	PA&ED:	3/15/2017
								Const:	7,200	PS&E:	1,200	RTL:	8/19/2019
										RW:	200	RW Cert:	7/10/2019
										Con:	1,800		
								Subtotal:	7,249		3,700		
Total (Capital + Support):								\$10,949					
10S	28.3	In El Monte, at Rio Hondo Busway Bridge No. 53-2637. Replace bridge deck.	4902	31680	0715000220	201.110	2019/20	RW:	0	PA&ED:	150	PA&ED:	12/29/2017
								Const:	2,553	PS&E:	515	RTL:	12/30/2019
										RW:	15	RW Cert:	9/30/2019
										Con:	765		
								Subtotal:	2,553		1,445		
Total (Capital + Support):								\$3,998					



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



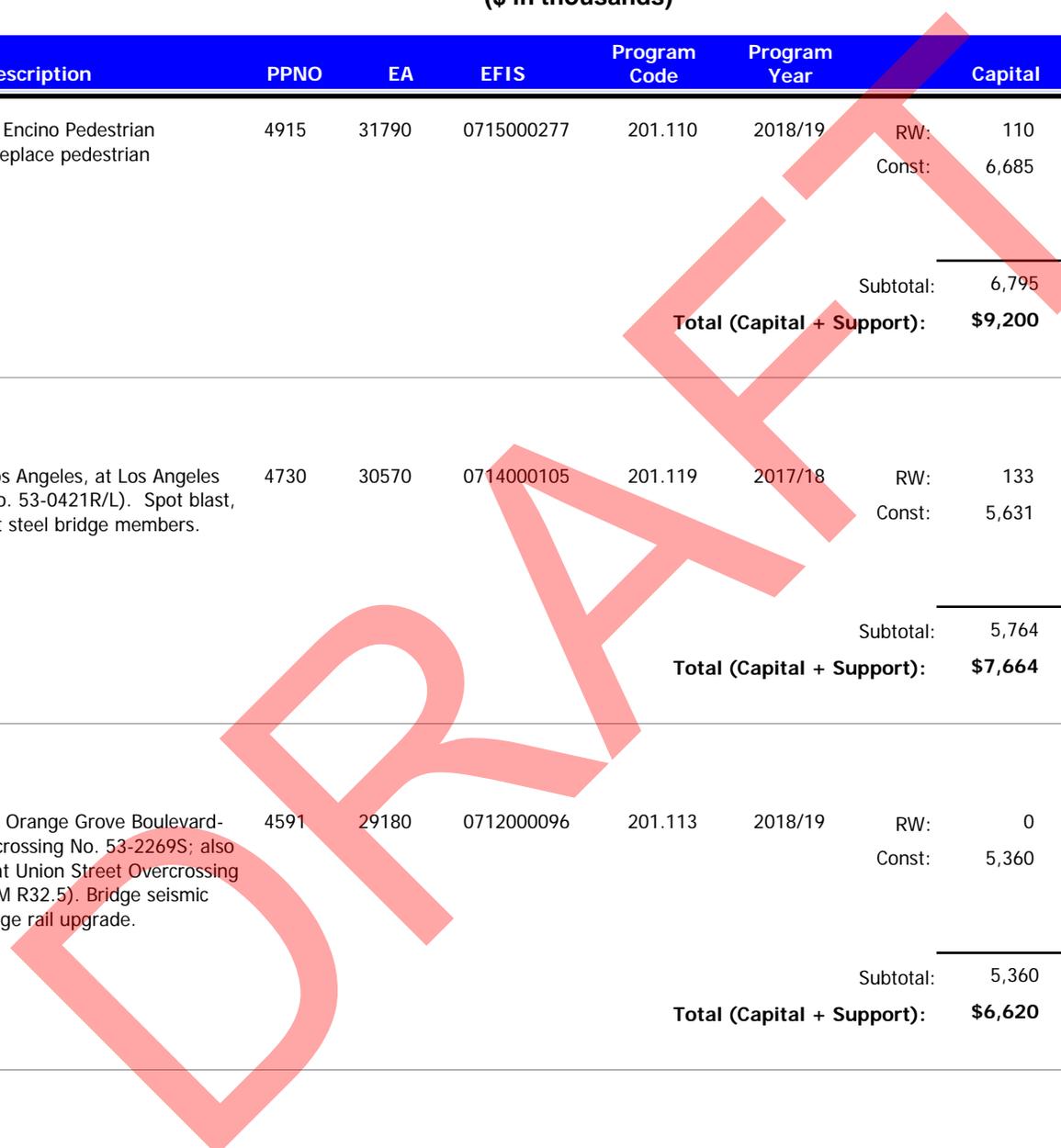
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
10	R14.0/19.0	In the city of Los Angeles, at Santa Monica Viaduct (Br. No. 53-1301). Paint and rehabilitate bridge. (G13 Contingency Project)	4599	29660	0713000057	201.110	2016/17	RW:	134	PA&ED:	0	PA&ED:	6/20/2013
								Const:	0	PS&E:	3,024	RTL:	9/15/2016
										RW:	30	RW Cert:	8/16/2016
										Con:	0		
								Subtotal:	134		3,054		
								Total (Capital + Support):	\$3,188				
91	R10.2/R10.4	In Compton, at Compton Creek Bridge Overhead and Off-Ramp (No 53-2235 and 53-2237S) and Artesia-Santa Fe Undercrossing 53-2238K; also in Long Beach on Routes 710 and 110, at Harbor Scenic Drive Overhead No. 53-2934 (PM 6.0) and Gaffy Street Bridge No. 53-0397Y (PM R0.8). Bridge seismic retrofit and bridge rail upgrade. (G13 Contingency Project)	4704	30160	0714000024	201.113	2019/20	RW:	0	PA&ED:	700	PA&ED:	7/27/2017
								Const:	0	PS&E:	2,000	RTL:	12/19/2019
										RW:	85	RW Cert:	12/2/2019
										Con:	0		
								Subtotal:	0		2,785		
								Total (Capital + Support):	\$2,785				
91	R11.4	In Long Beach, at Butler-Artesia Undercrossing (Br. No. 53-2169). Upgrade bridge rails and lower on-ramp to increase vertical clearance.	4500	29170	0712000095	201.112	2016/17	RW:	0	PA&ED:	73	PA&ED:	6/28/2013
								Const:	1,446	PS&E:	252	RTL:	4/3/2017
										RW:	12	RW Cert:	8/25/2016
										Con:	295		
								Subtotal:	1,446		632		
								Total (Capital + Support):	\$2,078				



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



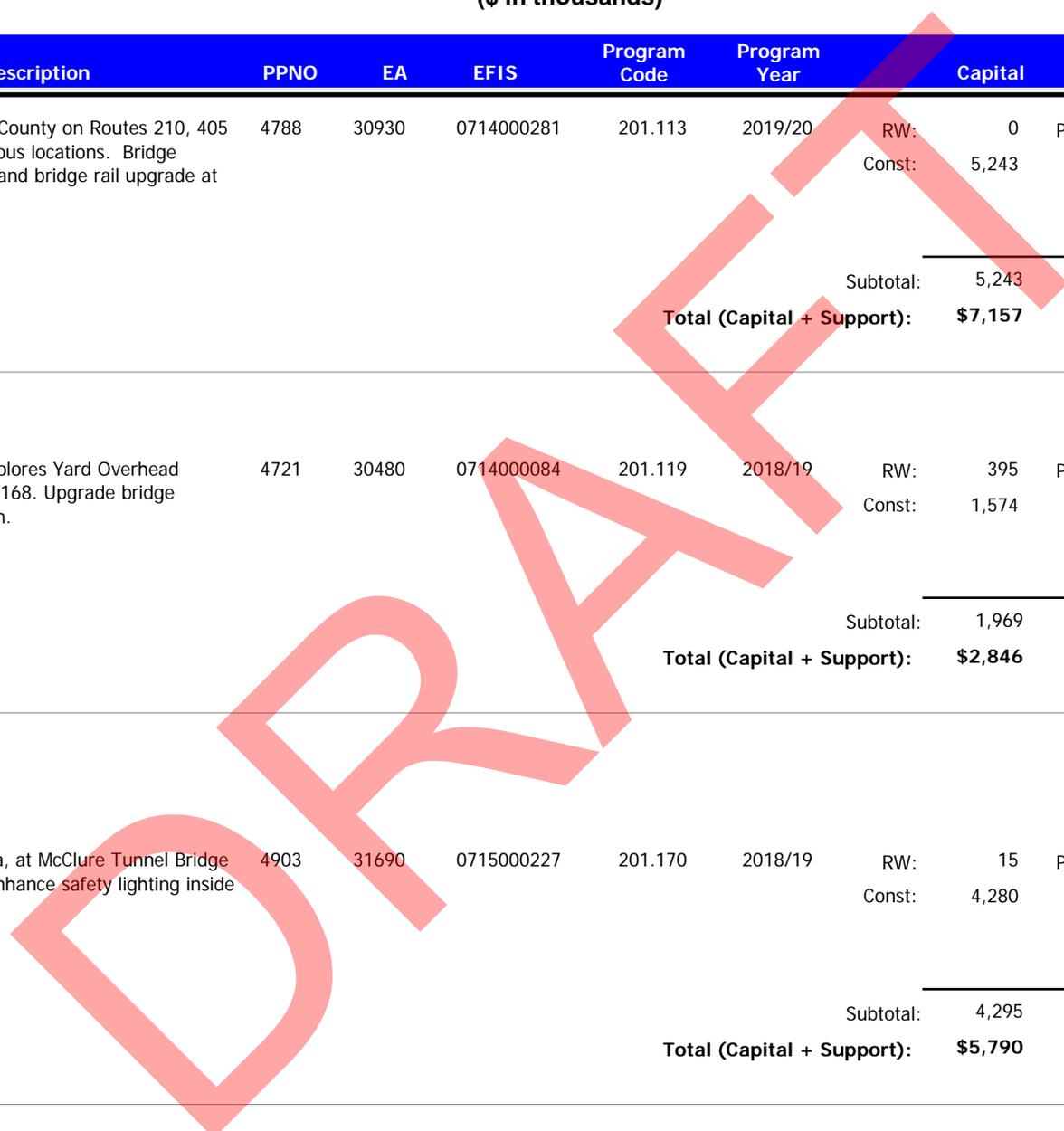
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	20.0	Near Encino, at Encino Pedestrian Overcrossing. Replace pedestrian overcrossing.	4915	31790	0715000277	201.110	2018/19	RW:	110	PA&ED:	404	PA&ED:	7/3/2017
								Const:	6,685	PS&E:	868	RTL:	3/21/2019
										RW:	133	RW Cert:	1/17/2019
										Con:	1,000		
								Subtotal:	6,795		2,405		
Total (Capital + Support):									\$9,200				
110	25.5	In the city of Los Angeles, at Los Angeles River Bridge (No. 53-0421R/L). Spot blast, clean, and paint steel bridge members.	4730	30570	0714000105	201.119	2017/18	RW:	133	PA&ED:	50	PA&ED:	
								Const:	5,631	PS&E:	900	RTL:	
										RW:	50	RW Cert:	10/3/2019
										Con:	900		
								Subtotal:	5,764		1,900		
Total (Capital + Support):									\$7,664				
134	R13.1	In Pasadena, at Orange Grove Boulevard-E134/134 Overcrossing No. 53-2269S; also on Route 710, at Union Street Overcrossing No. 53-2537 (PM R32.5). Bridge seismic retrofit and bridge rail upgrade.	4591	29180	0712000096	201.113	2018/19	RW:	0	PA&ED:	0	PA&ED:	9/1/2017
								Const:	5,360	PS&E:	567	RTL:	8/1/2018
										RW:	63	RW Cert:	7/15/2018
										Con:	630		
								Subtotal:	5,360		1,260		
Total (Capital + Support):									\$6,620				



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



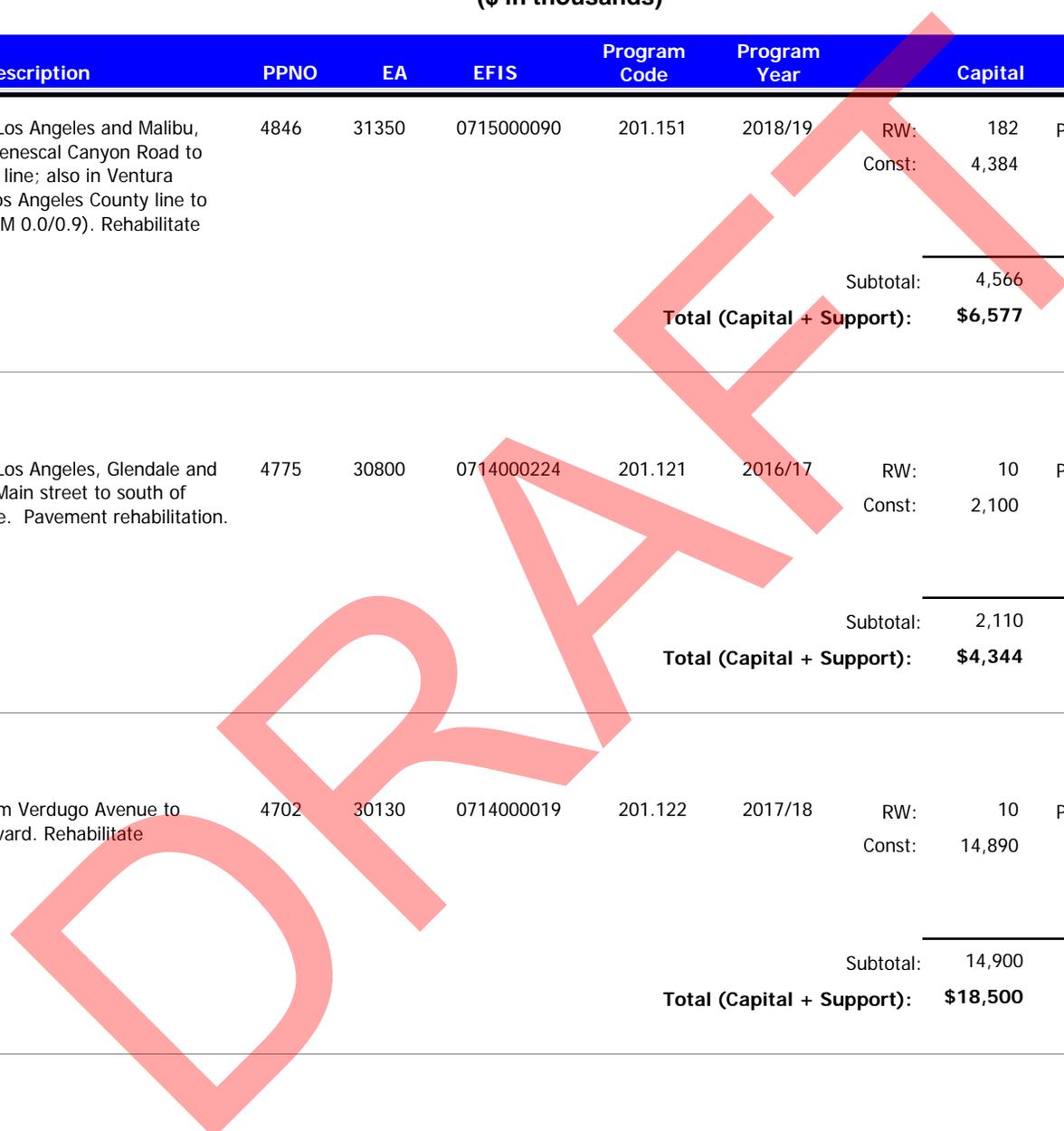
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
210	R38.6/R38.9	In Los Angeles County on Routes 210, 405 and 605 at various locations. Bridge seismic retrofit and bridge rail upgrade at five locations.	4788	30930	0714000281	201.113	2019/20	RW:	0	PA&ED:	225	PA&ED:	1/9/2018
								Const:	5,243	PS&E:	989	RTL:	11/19/2019
										RW:	0	RW Cert:	9/2/2019
										Con:	700		
								Subtotal:	5,243		1,914		
Total (Capital + Support):								\$7,157					
405	8.8	In Carson, at Dolores Yard Overhead Bridge No. 53-1168. Upgrade bridge drainage system.	4721	30480	0714000084	201.119	2018/19	RW:	395	PA&ED:	40	PA&ED:	2/3/2017
								Const:	1,574	PS&E:	283	RTL:	1/15/2019
										RW:	203	RW Cert:	12/10/2018
										Con:	351		
								Subtotal:	1,969		877		
Total (Capital + Support):								\$2,846					
<u>ROADWAY PRESERVATION</u>													
1	35.1/35.4	In Santa Monica, at McClure Tunnel Bridge No. 53-0008. Enhance safety lighting inside tunnel.	4903	31690	0715000227	201.170	2018/19	RW:	15	PA&ED:	150	PA&ED:	4/21/2017
								Const:	4,280	PS&E:	592	RTL:	11/30/2018
										RW:	50	RW Cert:	11/15/2018
										Con:	703		
								Subtotal:	4,295		1,495		
Total (Capital + Support):								\$5,790					



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



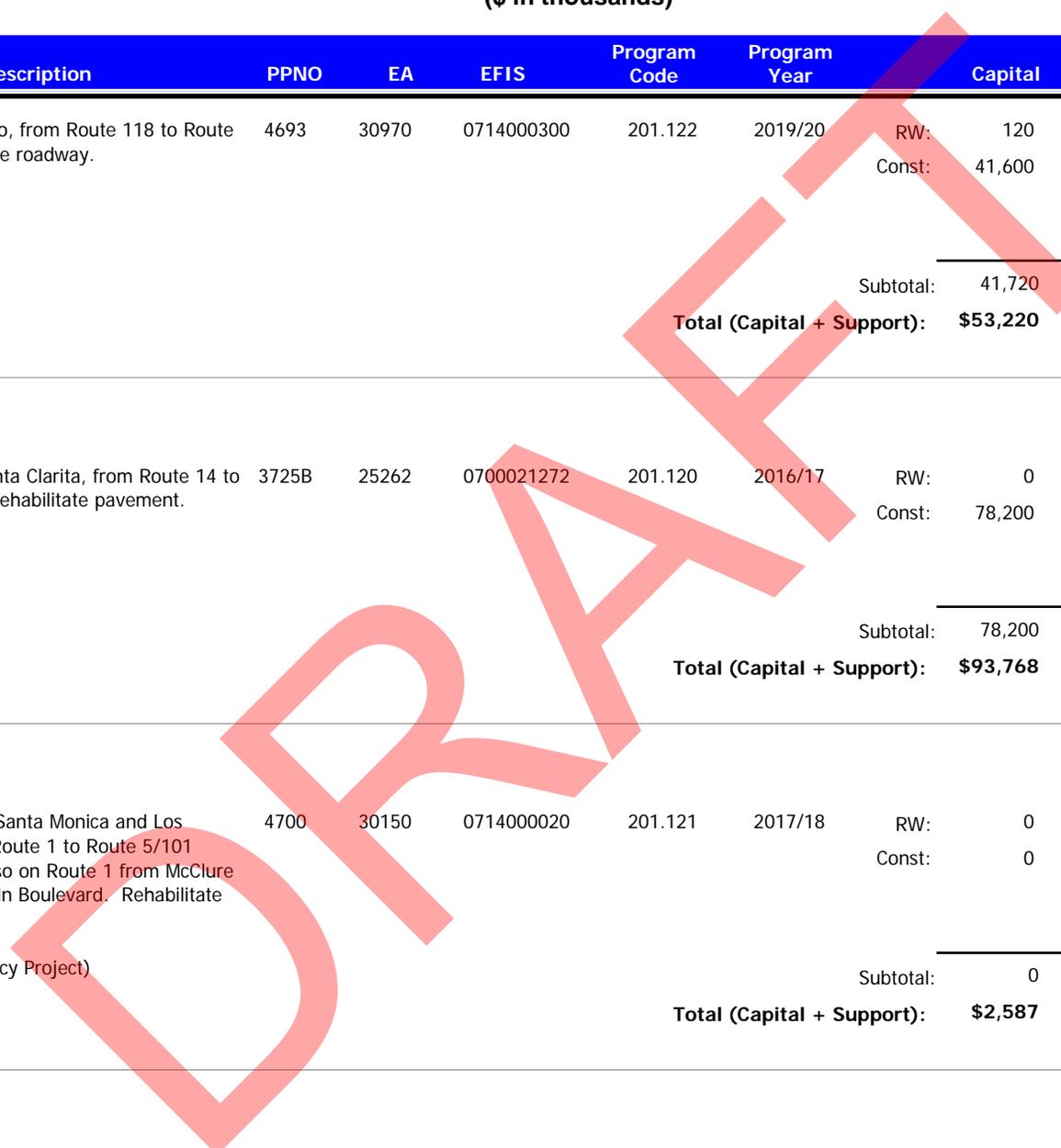
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
1	37.67/62.8	In the cities of Los Angeles and Malibu, from south of Tenescal Canyon Road to Ventura County line; also in Ventura County, from Los Angeles County line to Tonga Street (PM 0.0/0.9). Rehabilitate culverts.	4846	31350	0715000090	201.151	2018/19	RW:	182	PA&ED:	648	PA&ED:	3/2/2017
								Const:	4,384	PS&E:	608	RTL:	3/6/2019
										RW:	70	RW Cert:	12/20/2018
										Con:	685		
								Subtotal:	4,566		2,011		
Total (Capital + Support):									\$6,577				
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5	19.2/28.9	In the cities of Los Angeles, Glendale and Burbank, from Main street to south of Verdugo Avenue. Pavement rehabilitation.	4775	30800	0714000224	201.121	2016/17	RW:	10	PA&ED:	0	PA&ED:	6/13/2014
								Const:	2,100	PS&E:	1,300	RTL:	10/14/2016
										RW:	34	RW Cert:	9/16/2016
										Con:	900		
								Subtotal:	2,110		2,234		
Total (Capital + Support):									\$4,344				
<hr/>													
5	28.9/29.4	In Burbank, from Verdugo Avenue to Magnolia Boulevard. Rehabilitate pavement.	4702	30130	0714000019	201.122	2017/18	RW:	10	PA&ED:	170	PA&ED:	6/22/2014
								Const:	14,890	PS&E:	1,300	RTL:	9/15/2017
										RW:	230	RW Cert:	8/3/2017
										Con:	1,900		
								Subtotal:	14,900		3,600		
Total (Capital + Support):									\$18,500				



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
5	39.2/R43.8	In San Fernando, from Route 118 to Route 210. Rehabilitate roadway.	4693	30970	0714000300	201.122	2019/20	RW:	120	PA&ED:	350	PA&ED:	1/18/2017
								Const:	41,600	PS&E:	5,000	RTL:	8/15/2019
										RW:	150	RW Cert:	7/18/2019
										Con:	6,000		
								Subtotal:	41,720		11,500		
Total (Capital + Support):								\$53,220					
5	R45.4/R59.0	In and near Santa Clarita, from Route 14 to Parker Road. Rehabilitate pavement.	3725B	25262	0700021272	201.120	2016/17	RW:	0	PA&ED:	0	PA&ED:	9/15/2011
								Const:	78,200	PS&E:	6,410	RTL:	4/14/2017
										RW:	20	RW Cert:	3/15/2017
										Con:	9,138		
								Subtotal:	78,200		15,568		
Total (Capital + Support):								\$93,768					
10	2.1/18.4	In the cities of Santa Monica and Los Angeles, from Route 1 to Route 5/101 interchange; also on Route 1 from McClure Tunnel to Lincoln Boulevard. Rehabilitate pavement. (G13 Contingency Project)	4700	30150	0714000020	201.121	2017/18	RW:	0	PA&ED:	74	PA&ED:	12/23/2015
								Const:	0	PS&E:	2,387	RTL:	10/30/2017
										RW:	126	RW Cert:	9/28/2017
										Con:	0		
								Subtotal:	0		2,587		
Total (Capital + Support):								\$2,587					



2016 SHOPP V3.0 Project List Los Angeles (\$ in thousands)



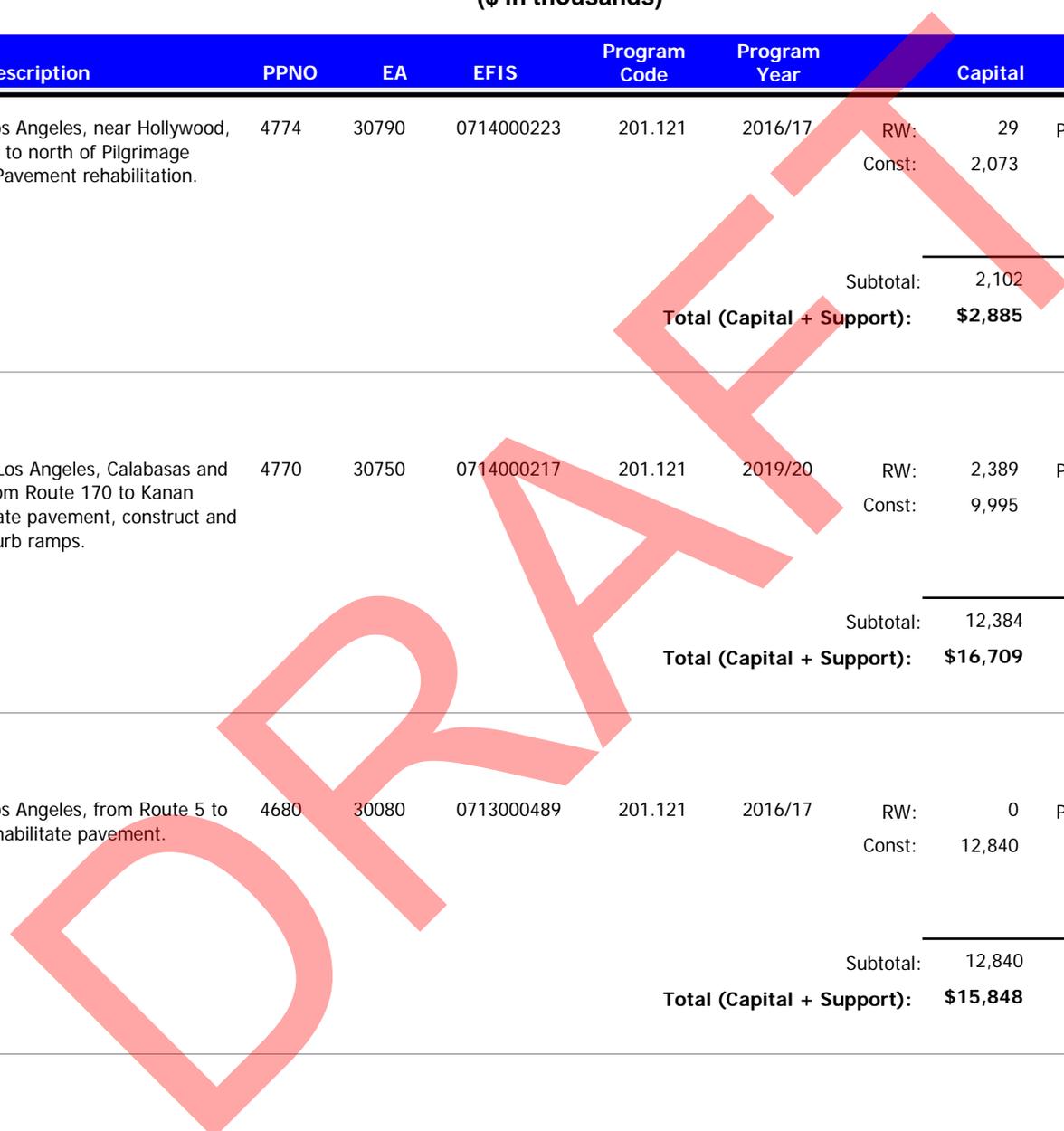
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
10	31.2/37.2	In Baldwin Park and West Covina, from Route 605 to Citrus Avenue. Rehabilitate roadway.	4712	30390	0714000044	201.120	2019/20	RW:	147	PA&ED:	990	PA&ED:	1/9/2018
								Const:	60,496	PS&E:	4,670	RTL:	11/19/2019
										RW:	23	RW Cert:	8/30/2019
										Con:	8,444		
								Subtotal:	60,643		14,127		
Total (Capital + Support):								\$74,770					
60	0.0/R30.5	In various cities, from Route 5 to San Bernardino County line; also on Route 710, from Ocean Boulevard to Valley Boulevard (PM 5.6/T27.4). Replace existing signs with retro-reflective sheeting.	4906	31730	0715000237	201.170	2019/20	RW:	15	PA&ED:	250	PA&ED:	4/1/2018
								Const:	2,665	PS&E:	580	RTL:	12/1/2019
										RW:	5	RW Cert:	11/1/2019
										Con:	485		
								Subtotal:	2,680		1,320		
Total (Capital + Support):								\$4,000					
60	R3.2/11.8	In and near Monterey Park, Montebello, Rosemead, and South El Monte, from Route 710 to Route 605. Rehabilitate pavement. (G13 Contingency Project)	4699	30110	0714000009	201.122	2017/18	RW:	165	PA&ED:	75	PA&ED:	8/31/2015
								Const:	0	PS&E:	5,105	RTL:	5/2/2017
										RW:	20	RW Cert:	12/29/2016
										Con:	0		
								Subtotal:	165		5,200		
Total (Capital + Support):								\$5,365					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



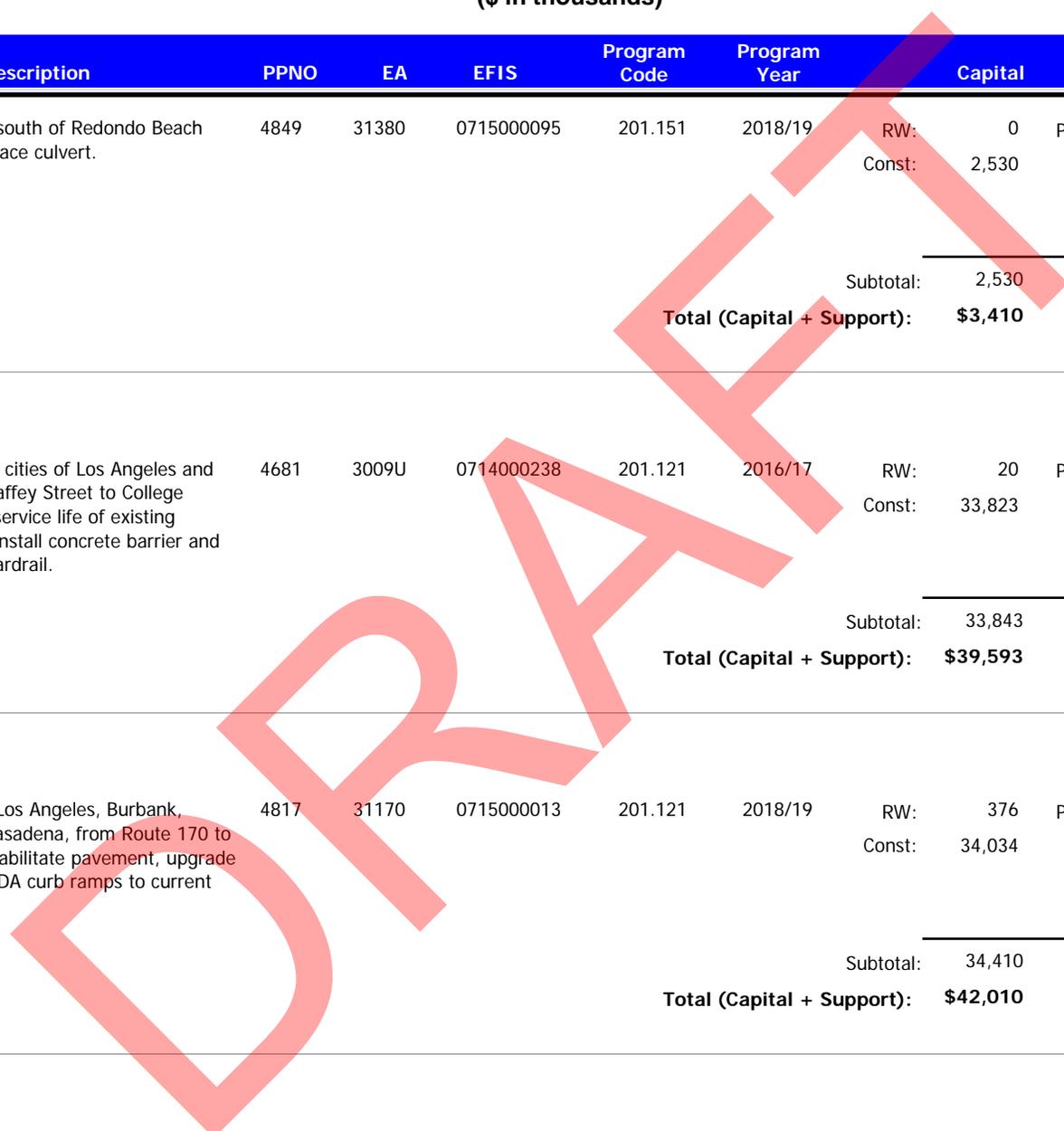
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	1.8/8.4	In the city of Los Angeles, near Hollywood, from Route 110 to north of Pilgrimage Overcrossing. Pavement rehabilitation.	4774	30790	0714000223	201.121	2016/17	RW:	29	PA&ED:	153	PA&ED:	12/23/2015
								Const:	2,073	PS&E:	280	RTL:	3/15/2017
										RW:	20	RW Cert:	2/9/2017
										Con:	330		
								Subtotal:	2,102		783		
Total (Capital + Support):								\$2,885					
101	11.8/35.3	In the cities of Los Angeles, Calabasas and Agoura Hills, from Route 170 to Kanan Road. Rehabilitate pavement, construct and upgrade ADA curb ramps.	4770	30750	0714000217	201.121	2019/20	RW:	2,389	PA&ED:	370	PA&ED:	11/23/2016
								Const:	9,995	PS&E:	2,224	RTL:	11/19/2019
										RW:	124	RW Cert:	8/19/2019
										Con:	1,607		
								Subtotal:	12,384		4,325		
Total (Capital + Support):								\$16,709					
101	S0.0/1.9	In the city of Los Angeles, from Route 5 to Route 110. Rehabilitate pavement.	4680	30080	0713000489	201.121	2016/17	RW:	0	PA&ED:	88	PA&ED:	12/23/2015
								Const:	12,840	PS&E:	1,346	RTL:	10/20/2016
										RW:	71	RW Cert:	9/22/2016
										Con:	1,503		
								Subtotal:	12,840		3,008		
Total (Capital + Support):								\$15,848					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



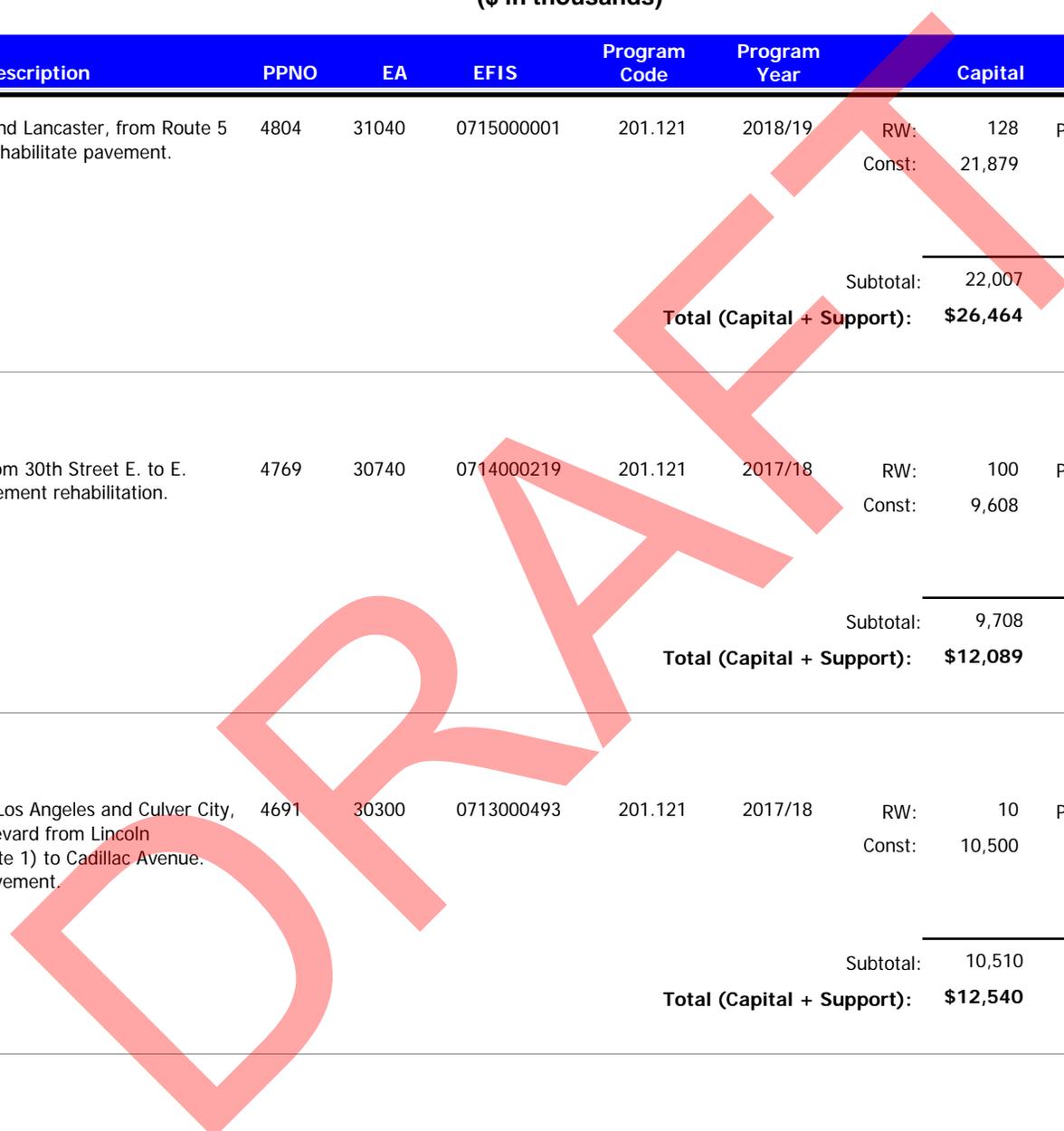
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
110	11.0	Near Gardena, south of Redondo Beach Boulevard. Replace culvert.	4849	31380	0715000095	201.151	2018/19	RW:	0	PA&ED:	110	PA&ED:	1/25/2017
								Const:	2,530	PS&E:	375	RTL:	4/30/2019
										RW:	20	RW Cert:	2/28/2019
										Con:	375		
								Subtotal:	2,530		880		
Total (Capital + Support):								\$3,410					
110	R0.8/24.1	In and near the cities of Los Angeles and Carson, from Gaffey Street to College Street. Extend service life of existing pavement and install concrete barrier and metal beam guardrail.	4681	3009U	0714000238	201.121	2016/17	RW:	20	PA&ED:	550	PA&ED:	9/29/2015
								Const:	33,823	PS&E:	2,050	RTL:	3/30/2017
										RW:	150	RW Cert:	2/15/2017
										Con:	3,000		
								Subtotal:	33,843		5,750		
Total (Capital + Support):								\$39,593					
134	0.0/R13.3	In the cities of Los Angeles, Burbank, Glendale and Pasadena, from Route 170 to Route 210. Rehabilitate pavement, upgrade guardrail and ADA curb ramps to current standards.	4817	31170	0715000013	201.121	2018/19	RW:	376	PA&ED:	350	PA&ED:	12/15/2016
								Const:	34,034	PS&E:	3,500	RTL:	9/14/2018
										RW:	250	RW Cert:	8/3/2018
										Con:	3,500		
								Subtotal:	34,410		7,600		
Total (Capital + Support):								\$42,010					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



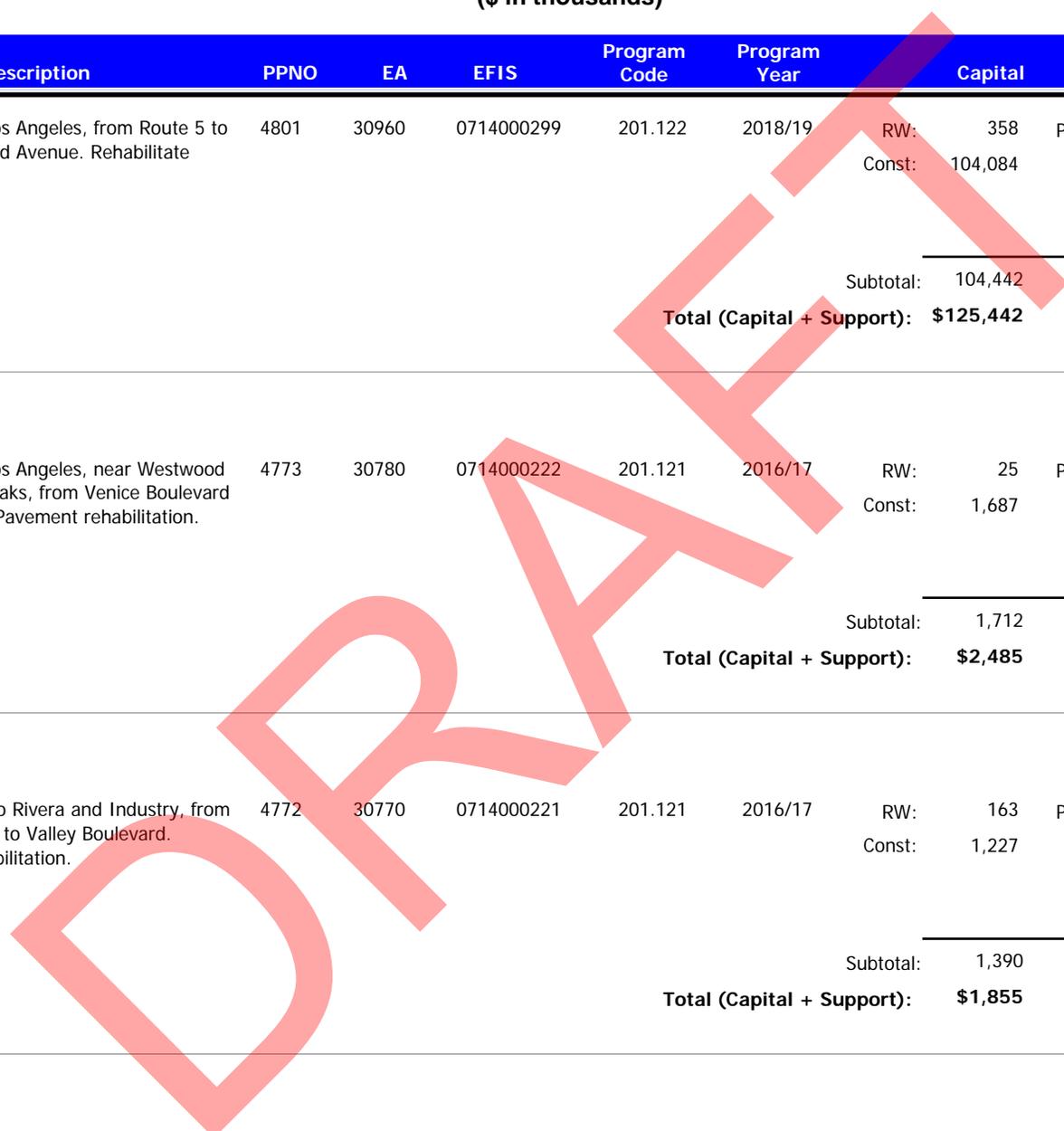
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
138	0.0/36.9	Near Gorman and Lancaster, from Route 5 to Route 14. Rehabilitate pavement.	4804	31040	0715000001	201.121	2018/19	RW:	128	PA&ED:	510	PA&ED:	11/1/2016
								Const:	21,879	PS&E:	1,810	RTL:	1/14/2019
										RW:	22	RW Cert:	6/21/2018
										Con:	2,115		
								Subtotal:	22,007		4,457		
								Total (Capital + Support):	\$26,464				
138	46.7/50.0	In Palmdale, from 30th Street E. to E. Avenue S. Pavement rehabilitation.	4769	30740	0714000219	201.121	2017/18	RW:	100	PA&ED:	45	PA&ED:	3/11/2016
								Const:	9,608	PS&E:	828	RTL:	8/1/2017
										RW:	50	RW Cert:	4/19/2017
										Con:	1,458		
								Subtotal:	9,708		2,381		
								Total (Capital + Support):	\$12,089				
187	3.5/8.9	In the cities of Los Angeles and Culver City, on Venice Boulevard from Lincoln Boulevard (Route 1) to Cadillac Avenue. Rehabilitate pavement.	4691	30300	0713000493	201.121	2017/18	RW:	10	PA&ED:	100	PA&ED:	7/30/2013
								Const:	10,500	PS&E:	700	RTL:	3/1/2018
										RW:	30	RW Cert:	7/14/2017
										Con:	1,200		
								Subtotal:	10,510		2,030		
								Total (Capital + Support):	\$12,540				



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



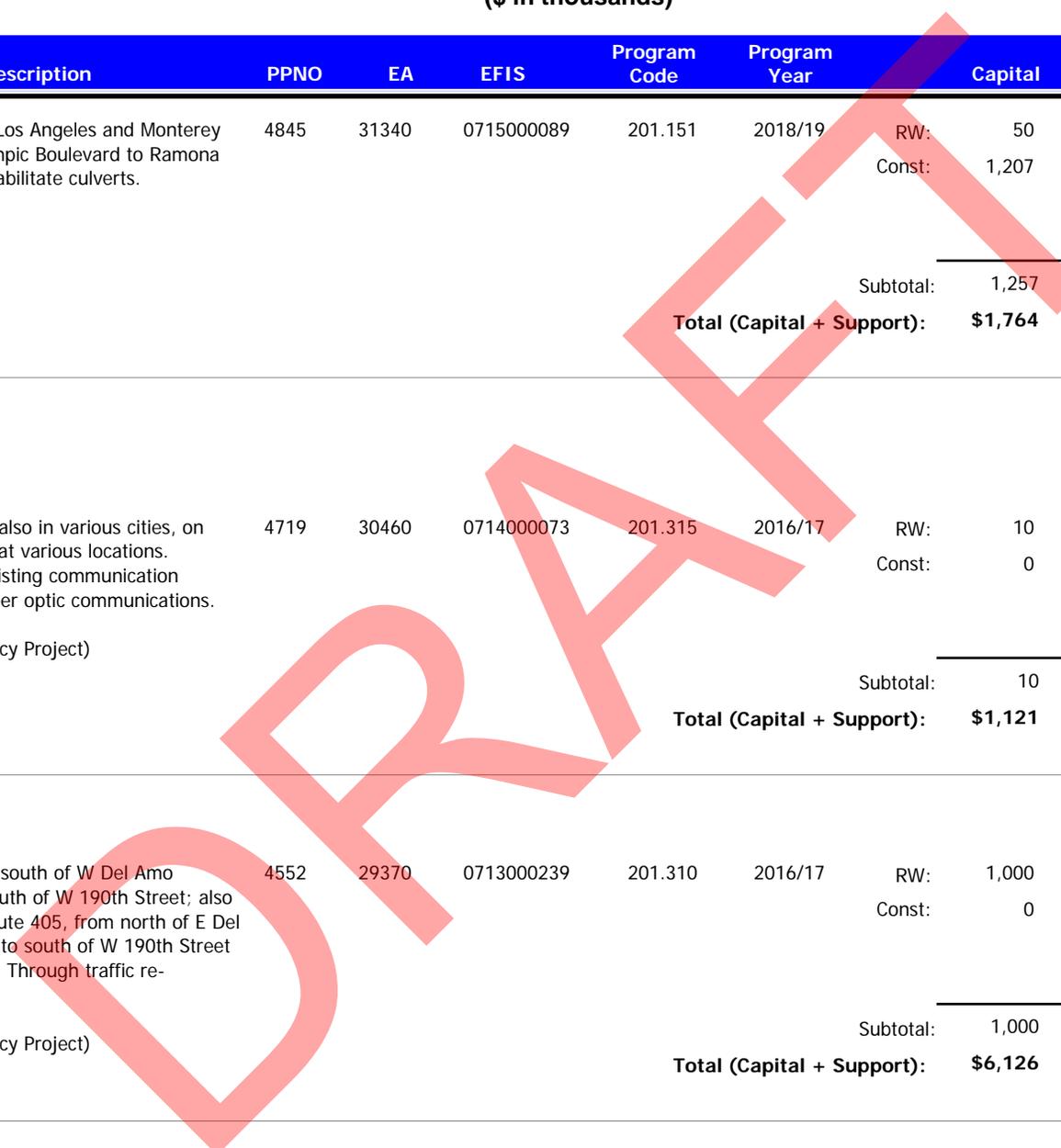
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
210	R0.0/R9.7	In the city of Los Angeles, from Route 5 to North Wheatland Avenue. Rehabilitate roadway.	4801	30960	0714000299	201.122	2018/19	RW:	358	PA&ED:	500	PA&ED:	3/1/2017
								Const:	104,084	PS&E:	6,000	RTL:	10/25/2018
										RW:	500	RW Cert:	9/27/2018
										Con:	14,000		
								Subtotal:	104,442		21,000		
Total (Capital + Support):								\$125,442					
405	28.0/39.0	In the city of Los Angeles, near Westwood and Sherman Oaks, from Venice Boulevard to Route 101. Pavement rehabilitation.	4773	30780	0714000222	201.121	2016/17	RW:	25	PA&ED:	124	PA&ED:	12/23/2015
								Const:	1,687	PS&E:	312	RTL:	3/15/2017
										RW:	25	RW Cert:	2/15/2017
										Con:	312		
								Subtotal:	1,712		773		
Total (Capital + Support):								\$2,485					
605	R15.5/R19.5	In and near Pico Rivera and Industry, from Rose Hills Road to Valley Boulevard. Pavement rehabilitation.	4772	30770	0714000221	201.121	2016/17	RW:	163	PA&ED:	30	PA&ED:	5/5/2015
								Const:	1,227	PS&E:	164	RTL:	12/14/2016
										RW:	50	RW Cert:	11/17/2016
										Con:	221		
								Subtotal:	1,390		465		
Total (Capital + Support):								\$1,855					



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



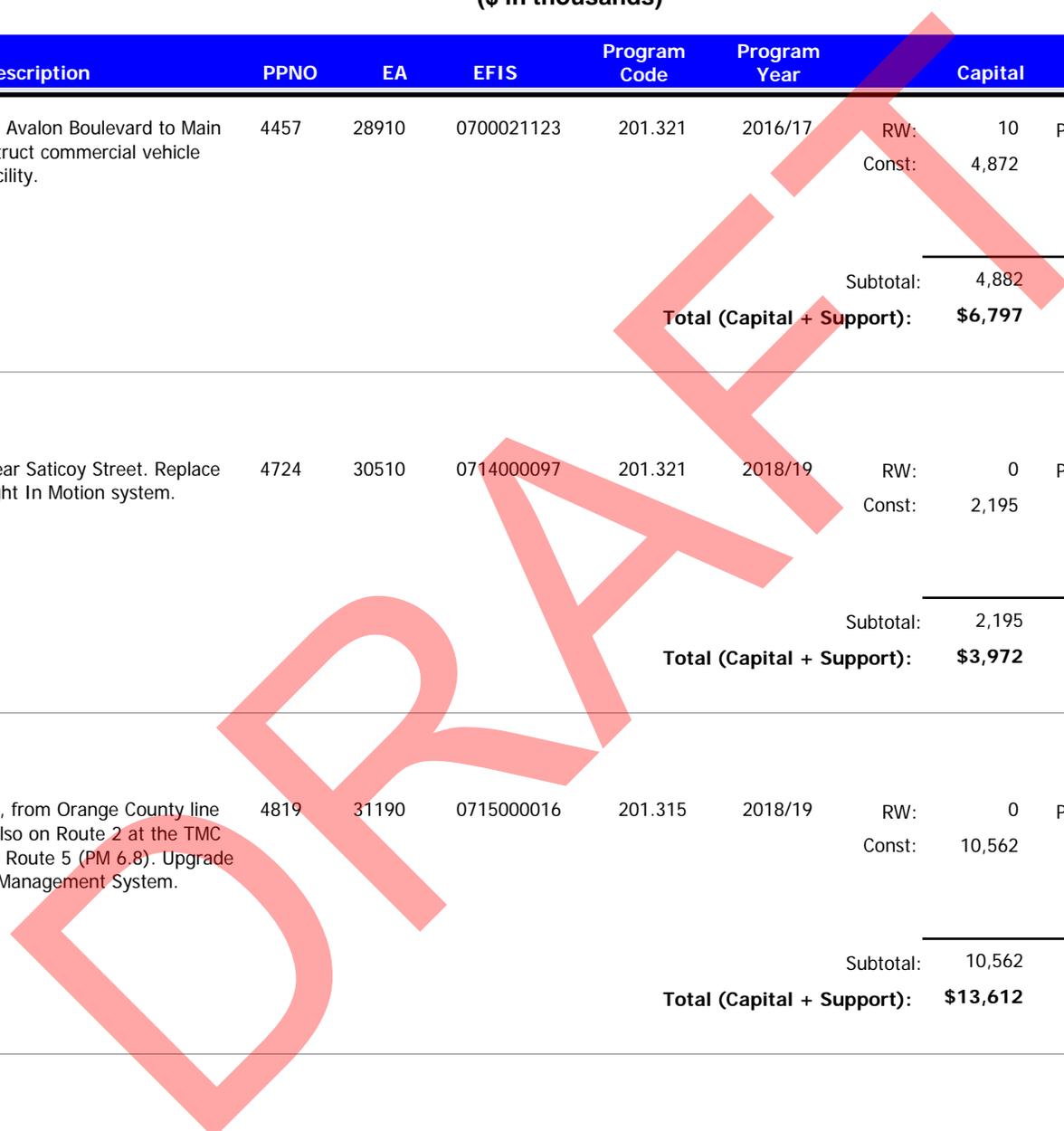
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
710	23.6/26.3	In the cities of Los Angeles and Monterey Park, from Olympic Boulevard to Ramona Boulevard. Rehabilitate culverts.	4845	31340	0715000089	201.151	2018/19	RW:	50	PA&ED:	100	PA&ED:	5/1/2017
								Const:	1,207	PS&E:	155	RTL:	3/29/2019
										RW:	47	RW Cert:	1/13/2019
										Con:	205		
								Subtotal:	1,257		507		
Total (Capital + Support):									\$1,764				
<hr/>													
MOBILITY													
2	R18.6	Near Glendale; also in various cities, on various routes, at various locations. Upgrade the existing communication system to all fiber optic communications. (G13 Contingency Project)	4719	30460	0714000073	201.315	2016/17	RW:	10	PA&ED:	81	PA&ED:	6/25/2014
								Const:	0	PS&E:	1,028	RTL:	2/23/2017
										RW:	2	RW Cert:	12/22/2016
										Con:	0		
								Subtotal:	10		1,111		
Total (Capital + Support):									\$1,121				
<hr/>													
110	8.0/9.0	In Carson from south of W Del Amo Boulevard to south of W 190th Street; also in Carson on route 405, from north of E Del Amo Boulevard to south of W 190th Street (PM 12.2/13.2). Through traffic re-configurations. (G13 Contingency Project)	4552	29370	0713000239	201.310	2016/17	RW:	1,000	PA&ED:	0	PA&ED:	7/30/2015
								Const:	0	PS&E:	4,946	RTL:	3/20/2017
										RW:	180	RW Cert:	3/2/2017
										Con:	0		
								Subtotal:	1,000		5,126		
Total (Capital + Support):									\$6,126				



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
405	11.7/12.2	In Carson, from Avalon Boulevard to Main Street. Reconstruct commercial vehicle enforcement facility.	4457	28910	0700021123	201.321	2016/17	RW:	10	PA&ED:	210	PA&ED:	6/30/2015
								Const:	4,872	PS&E:	1,100	RTL:	3/24/2017
										RW:	5	RW Cert:	2/24/2017
										Con:	600		
								Subtotal:	4,882		1,915		
Total (Capital + Support):									\$6,797				
405	42.9	In Van Nuys, near Saticoy Street. Replace and install Weight In Motion system.	4724	30510	0714000097	201.321	2018/19	RW:	0	PA&ED:	197	PA&ED:	8/1/2017
								Const:	2,195	PS&E:	900	RTL:	10/1/2018
										RW:	5	RW Cert:	9/1/2018
										Con:	675		
								Subtotal:	2,195		1,777		
Total (Capital + Support):									\$3,972				
605	R0.0/26.0	In various cities, from Orange County line to Route 210; also on Route 2 at the TMC (PM R18.7) and Route 5 (PM 6.8). Upgrade Transportation Management System.	4819	31190	0715000016	201.315	2018/19	RW:	0	PA&ED:	20	PA&ED:	5/15/2017
								Const:	10,562	PS&E:	1,290	RTL:	5/11/2019
										RW:	2	RW Cert:	4/8/2019
										Con:	1,738		
								Subtotal:	10,562		3,050		
Total (Capital + Support):									\$13,612				



**2016 SHOPP V3.0 Project List
Los Angeles
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
								RW: 15,560	PA&ED: 25,992	
								Const: 864,449	PS&E: 122,062	
									RW: 6,513	
									Con: 125,581	
								<hr/>		
								Subtotal: 880,009	280,148	
Los Angeles County Total (Capital + Support):								\$1,160,157		

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**2016 SHOPP V3.0 Project List
Madera
(\$ in thousands)**



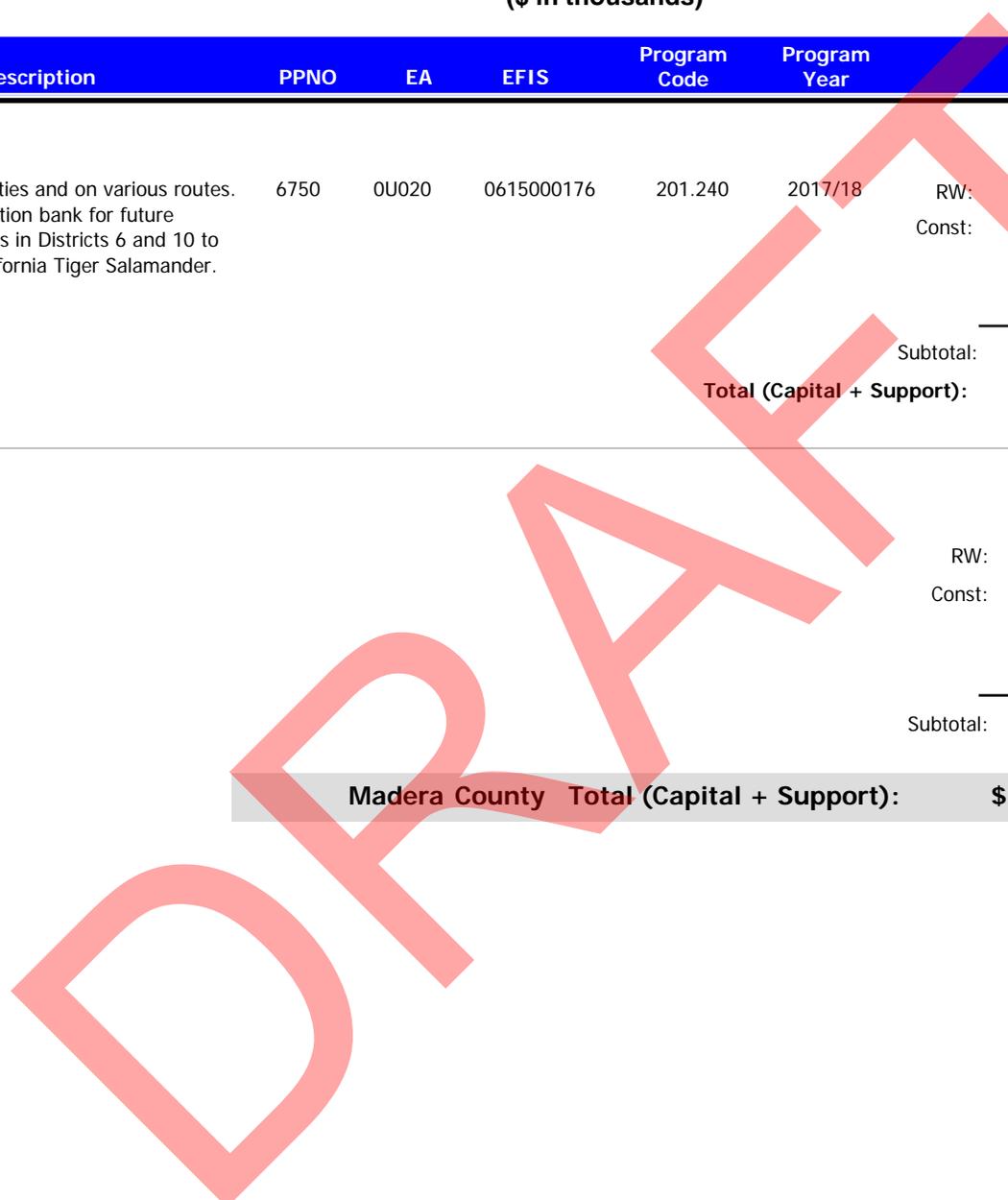
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
99	10.0/26.8	In the cities of Madera and Chowchilla, from Route 145 to East Robertson Boulevard at various locations. Roadside maintenance safety improvements.	6675	OQ610	0613000149	201.235	2016/17	RW:	1	PA&ED:	153	PA&ED:	3/17/2015
								Const:	2,000	PS&E:	266	RTL:	12/15/2016
										RW:	13	RW Cert:	12/1/2016
										Con:	274		
								Subtotal:	2,001		706		
								Total (Capital + Support):	\$2,707				
<u>ROADWAY PRESERVATION</u>													
41	36.3/40.8	In and near Oakhurst, from north of Road 426 to north of Allen Road. Rehabilitate pavement.	6716	OR160	0614000043	201.121	2017/18	RW:	37	PA&ED:	397	PA&ED:	8/1/2016
								Const:	3,396	PS&E:	703	RTL:	2/16/2018
										RW:	192	RW Cert:	1/5/2018
										Con:	698		
								Subtotal:	3,433		1,990		
								Total (Capital + Support):	\$5,423				
41	6.3/9.2	Near Fresno, from north of Avenue 15 to south of Route 145. Roadway rehabilitation. Additional \$22,000 from Local/Private Contribution.	6708	OR210	0614000058	201.120	2019/20	RW:	0	PA&ED:	2,463	PA&ED:	2/1/2020
								Const:	10,000	PS&E:	0	RTL:	9/1/2019
										RW:	0	RW Cert:	3/1/2020
										Con:	0		
								Subtotal:	10,000		2,463		
								Total (Capital + Support):	\$12,463				



2016 SHOPP V3.0 Project List Madera (\$ in thousands)



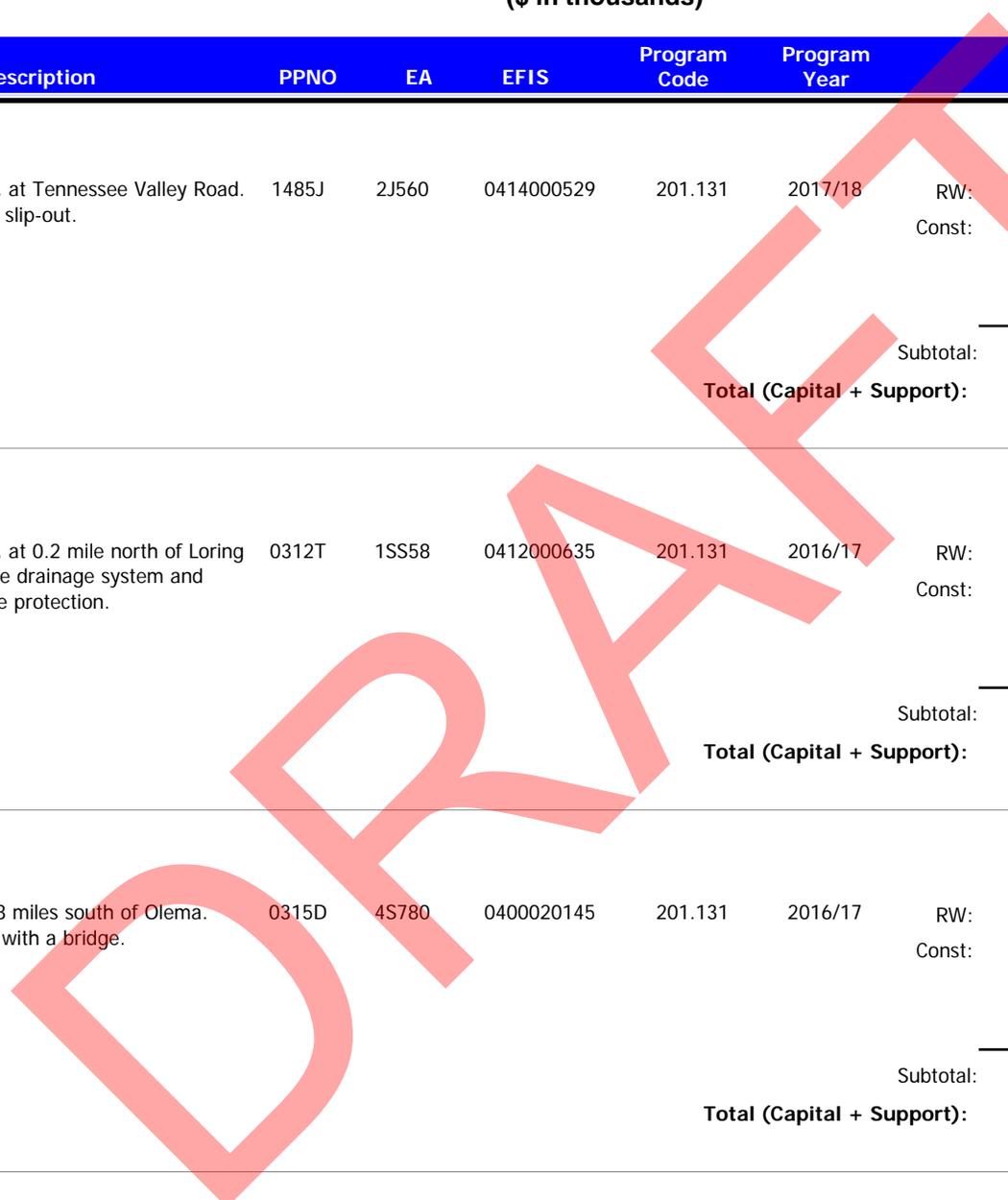
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
ROADSIDE PRESERVATION											
VAR		In various counties and on various routes. Establish mitigation bank for future Caltrans projects in Districts 6 and 10 to protect the California Tiger Salamander.	6750	OU020	0615000176	201.240	2017/18	RW: 200 Const: 1,800	PA&ED: 0 PS&E: 0 RW: 0 Con: 0	PA&ED: 8/1/2016 RTL: 8/1/2017 RW Cert: 7/1/2017	
								Subtotal:	2,000	0	
								Total (Capital + Support):	\$2,000		
								RW:	238	3,013	
								Const:	17,196	969	
									RW:	205	
									Con:	972	
								Subtotal:	17,434	5,159	
								Madera County Total (Capital + Support):	\$22,593		



2016 SHOPP V3.0 Project List Marin (\$ in thousands)



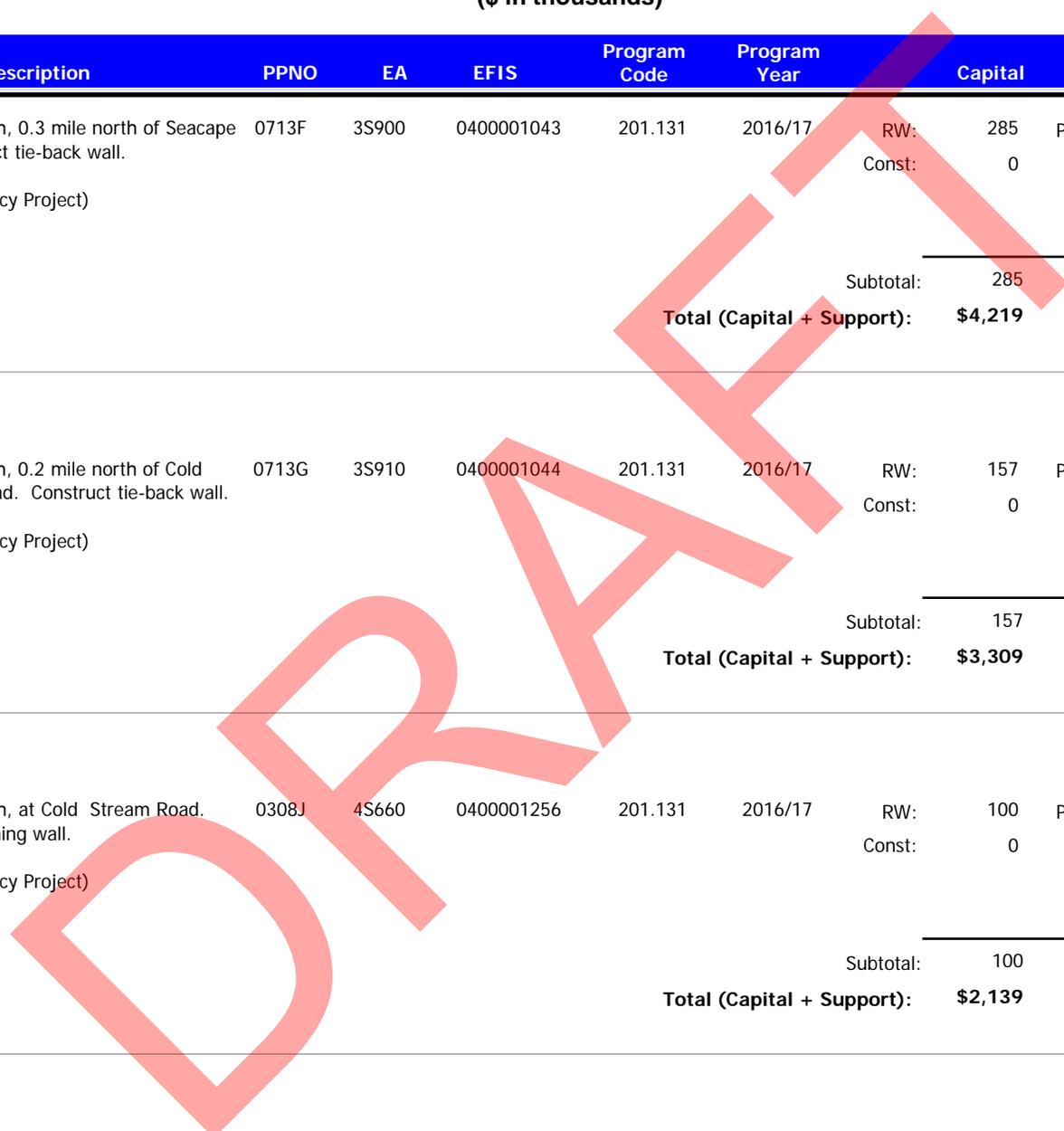
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
MAJOR DAMAGE RESTORATION												
1	0.3	Near Mill Valley, at Tennessee Valley Road. Repair roadway slip-out.	1485J	2J560	0414000529	201.131	2017/18	RW: 5 Const: 1,211	PA&ED: 420 PS&E: 525 RW: 18 Con: 357	PA&ED: 6/30/2017 RTL: 6/15/2018 RW Cert: 5/30/2018		
								Subtotal:	1,216	1,320		
								Total (Capital + Support):	\$2,536			
1	2.2	Near Mill Valley, at 0.2 mile north of Loring Avenue. Provide drainage system and install rock slope protection.	0312T	1SS58	0412000635	201.131	2016/17	RW: 55 Const: 1,639	PA&ED: 400 PS&E: 400 RW: 50 Con: 350	PA&ED: 6/29/2015 RTL: 9/15/2016 RW Cert: 9/8/2016		
								Subtotal:	1,694	1,200		
								Total (Capital + Support):	\$2,894			
1	24.7	Near Olema, 1.8 miles south of Olema. Replace culvert with a bridge.	0315D	4S780	0400020145	201.131	2016/17	RW: 90 Const: 2,650	PA&ED: 400 PS&E: 1,800 RW: 100 Con: 700	PA&ED: 7/5/2011 RTL: 5/6/2017 RW Cert: 4/30/2017		
								Subtotal:	2,740	3,000		
								Total (Capital + Support):	\$5,740			



2016 SHOPP V3.0 Project List Marin (\$ in thousands)



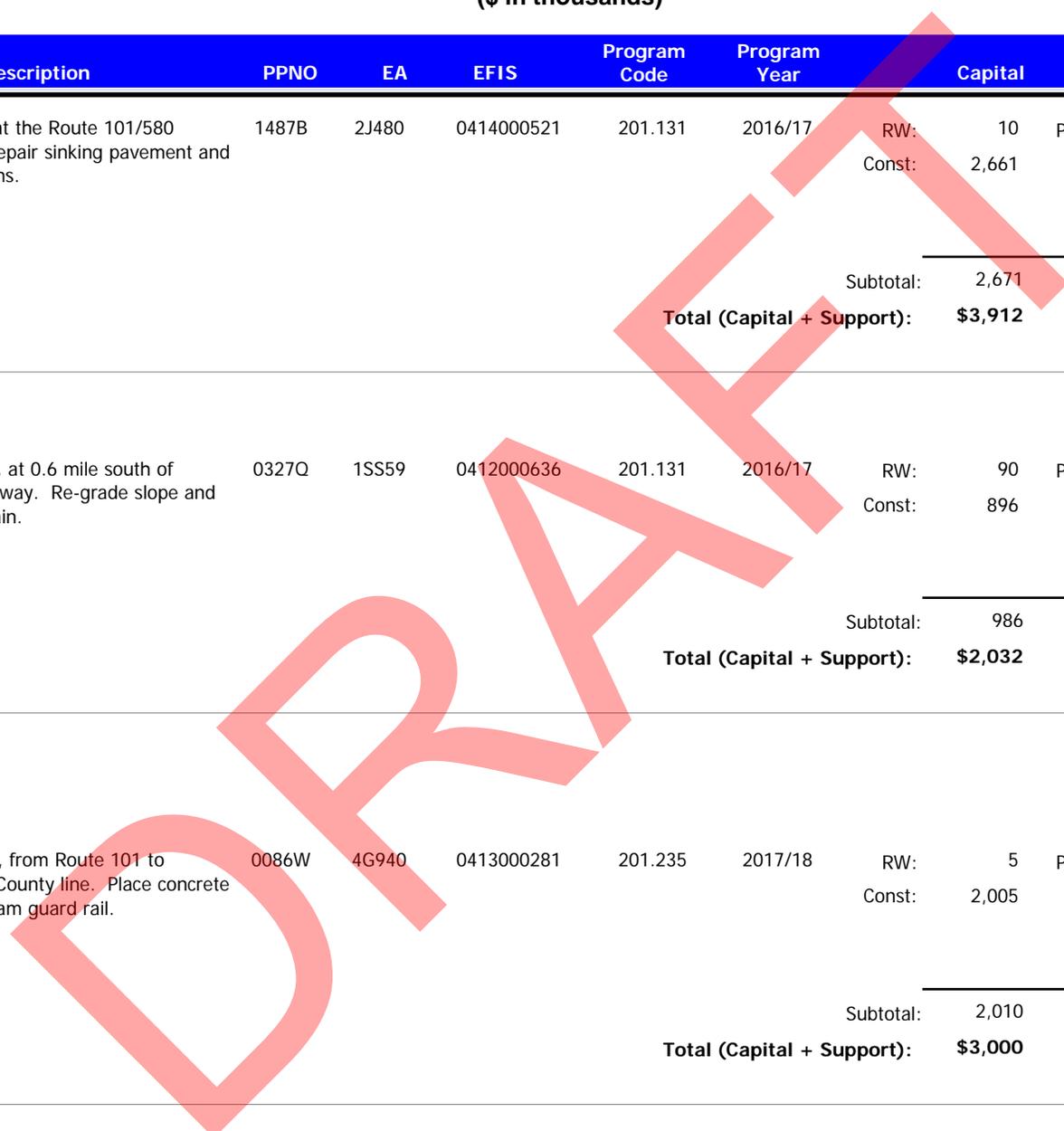
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
1	6.6	Near Muir Beach, 0.3 mile north of Seacape Drive. Construct tie-back wall. (G13 Contingency Project)	0713F	3S900	0400001043	201.131	2016/17	RW:	285	PA&ED:	0	PA&ED:	2/12/2014
								Const:	0	PS&E:	3,500	RTL:	6/23/2017
										RW:	434	RW Cert:	6/15/2017
										Con:	0		
								Subtotal:	285		3,934		
Total (Capital + Support):									\$4,219				
<hr/>													
1	7.7/7.8	Near Muir Beach, 0.2 mile north of Cold Stream Fire Road. Construct tie-back wall. (G13 Contingency Project)	0713G	3S910	0400001044	201.131	2016/17	RW:	157	PA&ED:	168	PA&ED:	12/13/2013
								Const:	0	PS&E:	2,700	RTL:	6/23/2017
										RW:	284	RW Cert:	6/15/2017
										Con:	0		
								Subtotal:	157		3,152		
Total (Capital + Support):									\$3,309				
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1	8.1	Near Muir Beach, at Cold Stream Road. Construct retaining wall. (G13 Contingency Project)	0308J	4S660	0400001256	201.131	2016/17	RW:	100	PA&ED:	1,311	PA&ED:	9/18/2015
								Const:	0	PS&E:	600	RTL:	12/16/2016
										RW:	128	RW Cert:	12/2/2016
										Con:	0		
								Subtotal:	100		2,039		
Total (Capital + Support):									\$2,139				



2016 SHOPP V3.0 Project List Marin (\$ in thousands)



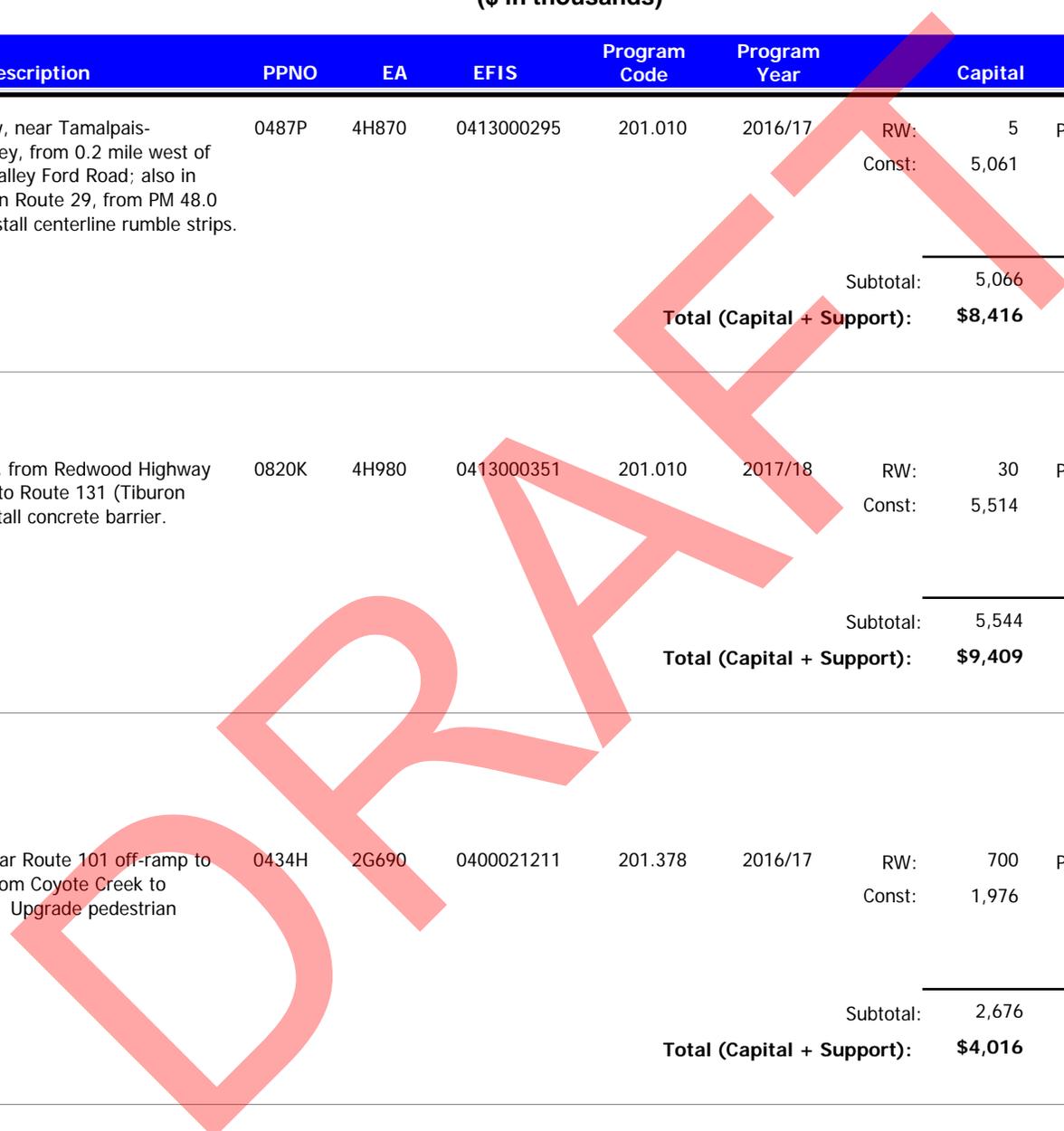
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	10.1	In San Rafael, at the Route 101/580 interchange. Repair sinking pavement and drainage systems.	1487B	2J480	0414000521	201.131	2016/17	RW:	10	PA&ED:	300	PA&ED:	5/1/2016
								Const:	2,661	PS&E:	456	RTL:	4/1/2017
										RW:	53	RW Cert:	3/1/2017
										Con:	432		
								Subtotal:	2,671		1,241		
Total (Capital + Support):									\$3,912				
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580	2.7	Near Mill Valley, at 0.6 mile south of Panoramic Highway. Re-grade slope and repair down drain.	0327Q	1SS59	0412000636	201.131	2016/17	RW:	90	PA&ED:	250	PA&ED:	6/20/2014
								Const:	896	PS&E:	427	RTL:	12/31/2015
										RW:	126	RW Cert:	12/21/2015
										Con:	243		
								Subtotal:	986		1,046		
Total (Capital + Support):									\$2,032				
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<u>COLLISION REDUCTION</u>													
1	0.0/50.5	Near Marin City, from Route 101 to Marin/Sonoma County line. Place concrete under metal beam guard rail.	0086W	4G940	0413000281	201.235	2017/18	RW:	5	PA&ED:	216	PA&ED:	
								Const:	2,005	PS&E:	270	RTL:	
										RW:	54	RW Cert:	
										Con:	450		
								Subtotal:	2,010		990		
Total (Capital + Support):									\$3,000				



2016 SHOPP V3.0 Project List Marin (\$ in thousands)



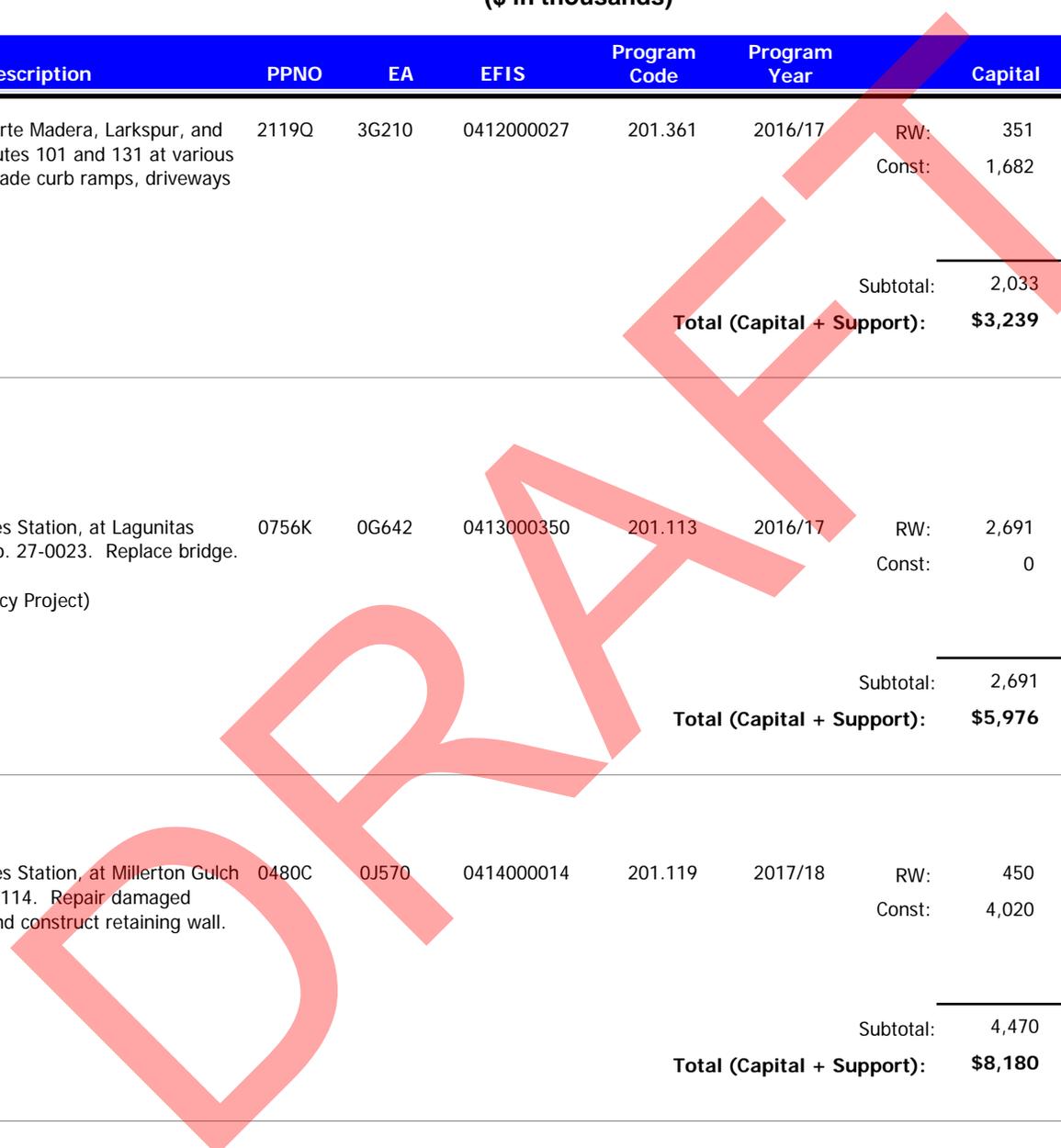
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
1	3.1/50.5	In Marin County, near Tamalpais-Homestead Valley, from 0.2 mile west of Erica Road to Valley Ford Road; also in Napa County, on Route 29, from PM 48.0 to PM 48.6. Install centerline rumble strips.	0487P	4H870	0413000295	201.010	2016/17	RW:	5	PA&ED:	1,000	PA&ED:	12/1/2015
								Const:	5,061	PS&E:	1,000	RTL:	4/1/2017
										RW:	50	RW Cert:	3/1/2017
										Con:	1,300		
								Subtotal:	5,066		3,350		
Total (Capital + Support):									\$8,416				
<hr/>													
101	4.7/5.6	Near Mill Valley, from Redwood Highway Frontage Road to Route 131 (Tiburon Boulevard). Install concrete barrier.	0820K	4H980	0413000351	201.010	2017/18	RW:	30	PA&ED:	1,198	PA&ED:	
								Const:	5,514	PS&E:	1,392	RTL:	
										RW:	155	RW Cert:	
										Con:	1,120		
								Subtotal:	5,544		3,865		
Total (Capital + Support):									\$9,409				
<hr/>													
MANDATES													
1	0.0/0.8	In Almonte, near Route 101 off-ramp to Route 1; also from Coyote Creek to Flamingo Road. Upgrade pedestrian facilities.	0434H	2G690	0400021211	201.378	2016/17	RW:	700	PA&ED:	300	PA&ED:	12/31/2016
								Const:	1,976	PS&E:	400	RTL:	6/15/2018
										RW:	300	RW Cert:	5/30/2018
										Con:	340		
								Subtotal:	2,676		1,340		
Total (Capital + Support):									\$4,016				



**2016 SHOPP V3.0 Project List
Marin
(\$ in thousands)**



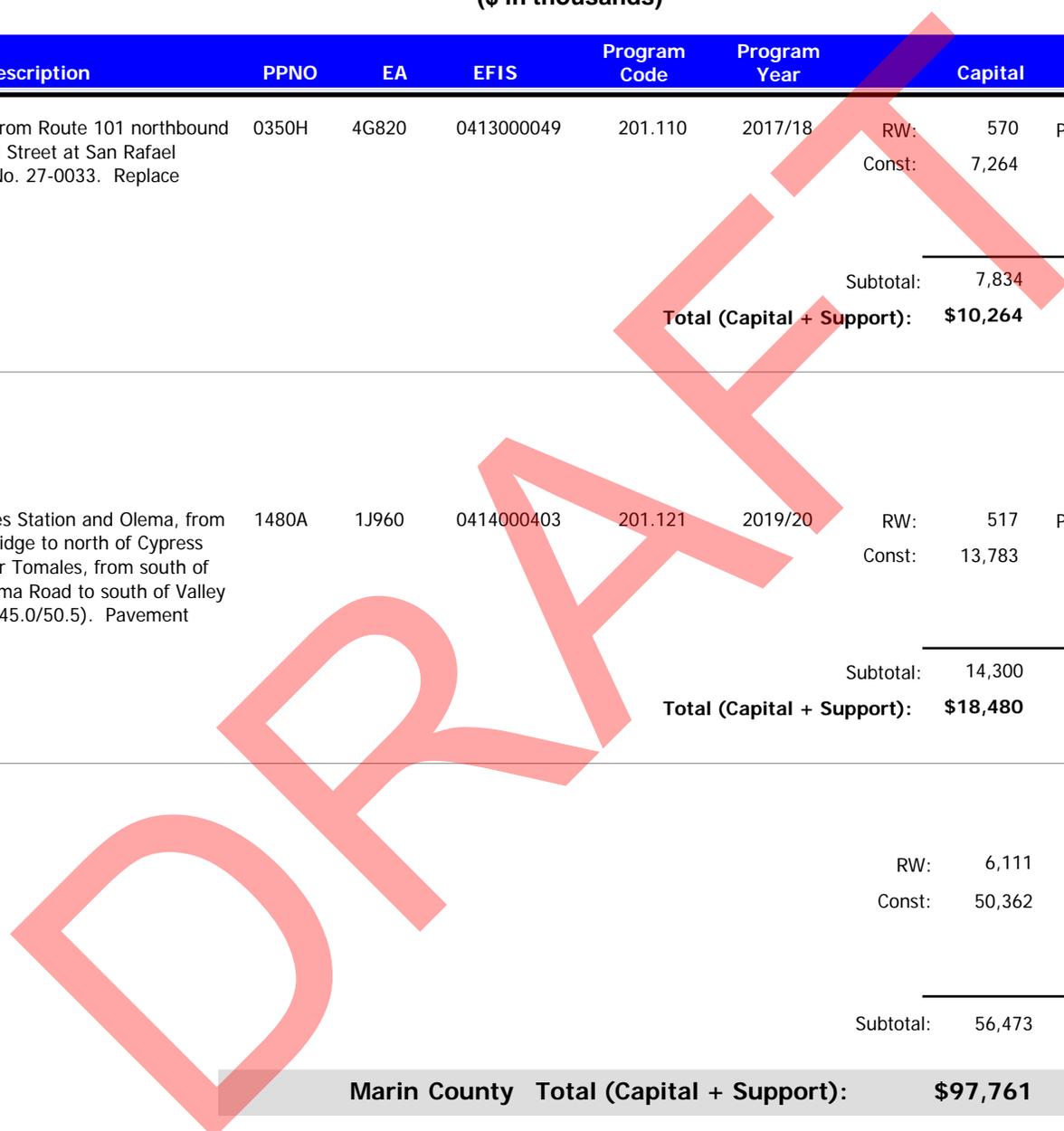
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	0.0/4.0	In Sausalito, Corte Madera, Larkspur, and Tiburon, on Routes 101 and 131 at various locations. Upgrade curb ramps, driveways and sidewalks.	2119Q	3G210	0412000027	201.361	2016/17	RW:	351	PA&ED:	450	PA&ED:	6/30/2016
								Const:	1,682	PS&E:	360	RTL:	3/2/2017
										RW:	126	RW Cert:	2/1/2017
										Con:	270		
								Subtotal:	2,033		1,206		
Total (Capital + Support):								\$3,239					
BRIDGE PRESERVATION													
1	28.5	Near Point Reyes Station, at Lagunitas Creek Bridge No. 27-0023. Replace bridge. (G13 Contingency Project)	0756K	0G642	0413000350	201.113	2016/17	RW:	2,691	PA&ED:	1,200	PA&ED:	3/1/2017
								Const:	0	PS&E:	1,400	RTL:	6/30/2017
										RW:	685	RW Cert:	6/30/2017
										Con:	0		
								Subtotal:	2,691		3,285		
Total (Capital + Support):								\$5,976					
1	33.4	Near Point Reyes Station, at Millerton Gulch Bridge No. 27-0114. Repair damaged embankment and construct retaining wall.	0480C	0J570	0414000014	201.119	2017/18	RW:	450	PA&ED:	1,620	PA&ED:	6/30/2017
								Const:	4,020	PS&E:	1,080	RTL:	12/7/2018
										RW:	180	RW Cert:	11/30/2019
										Con:	830		
								Subtotal:	4,470		3,710		
Total (Capital + Support):								\$8,180					



2016 SHOPP V3.0 Project List Marin (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
101	10.6/10.9	In San Rafael, from Route 101 northbound off-ramp to 2nd Street at San Rafael Harbor Bridge No. 27-0033. Replace bridge.	0350H	4G820	0413000049	201.110	2017/18	RW:	570	PA&ED:	630	PA&ED:	12/31/2016
								Const:	7,264	PS&E:	600	RTL:	3/31/2018
										RW:	300	RW Cert:	3/15/2018
										Con:	900		
								Subtotal:	7,834		2,430		
Total (Capital + Support):								\$10,264					
<hr/>													
ROADWAY PRESERVATION													
1	22.8/31.2	Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also, near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (PM 45.0/50.5). Pavement rehabilitation.	1480A	1J960	0414000403	201.121	2019/20	RW:	517	PA&ED:	1,320	PA&ED:	
								Const:	13,783	PS&E:	1,254	RTL:	
										RW:	66	RW Cert:	
										Con:	1,540		
								Subtotal:	14,300		4,180		
Total (Capital + Support):								\$18,480					
<hr/>													
								RW:	6,111	PA&ED:	11,183		
								Const:	50,362	PS&E:	18,164		
										RW:	3,109		
										Con:	8,832		
								Subtotal:	56,473		41,288		
Marin County Total (Capital + Support):								\$97,761					



2016 SHOPP V3.0 Project List Mariposa (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
140	21.2/21.8	In the community of Mariposa, from Route 49 to 12th Street. Improve pedestrian access facilities to reduce collision severity.	3131	0Y600	1013000244	201.015	2019/20	RW:	159	PA&ED:	183	PA&ED:	3/15/2016
								Const:	1,550	PS&E:	291	RTL:	9/19/2019
										RW:	77	RW Cert:	8/16/2019
										Con:	308		
								Subtotal:	1,709		859		
								Total (Capital + Support):	\$2,568				
<u>ROADWAY PRESERVATION</u>													
41	2.0/4.9	Near Fish Camp, from south of Summit Road to south of Yosemite National Park boundary. Rehabilitate culverts.	3158	1E770	1015000113	201.151	2018/19	RW:	16	PA&ED:	435	PA&ED:	10/2/2017
								Const:	1,893	PS&E:	763	RTL:	2/15/2019
										RW:	84	RW Cert:	12/3/2018
										Con:	667		
								Subtotal:	1,909		1,949		
								Total (Capital + Support):	\$3,858				
140	22.1/25.3	Near Mariposa, from the north Junction of Route 140 and 49 to Whitlock Road. Rehabilitate pavement.	4736	0G340	1013000078	201.121	2017/18	RW:	13	PA&ED:	208	PA&ED:	4/1/2016
								Const:	3,126	PS&E:	410	RTL:	2/1/2018
										RW:	2	RW Cert:	12/1/2017
										Con:	314		
								Subtotal:	3,139		934		
								Total (Capital + Support):	\$4,073				



**2016 SHOPP V3.0 Project List
Mariposa
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
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RW:	188	PA&ED:	826
Const:	6,569	PS&E:	1,464
		RW:	163
		Con:	1,289
<hr/>			
Subtotal:	6,757		3,742

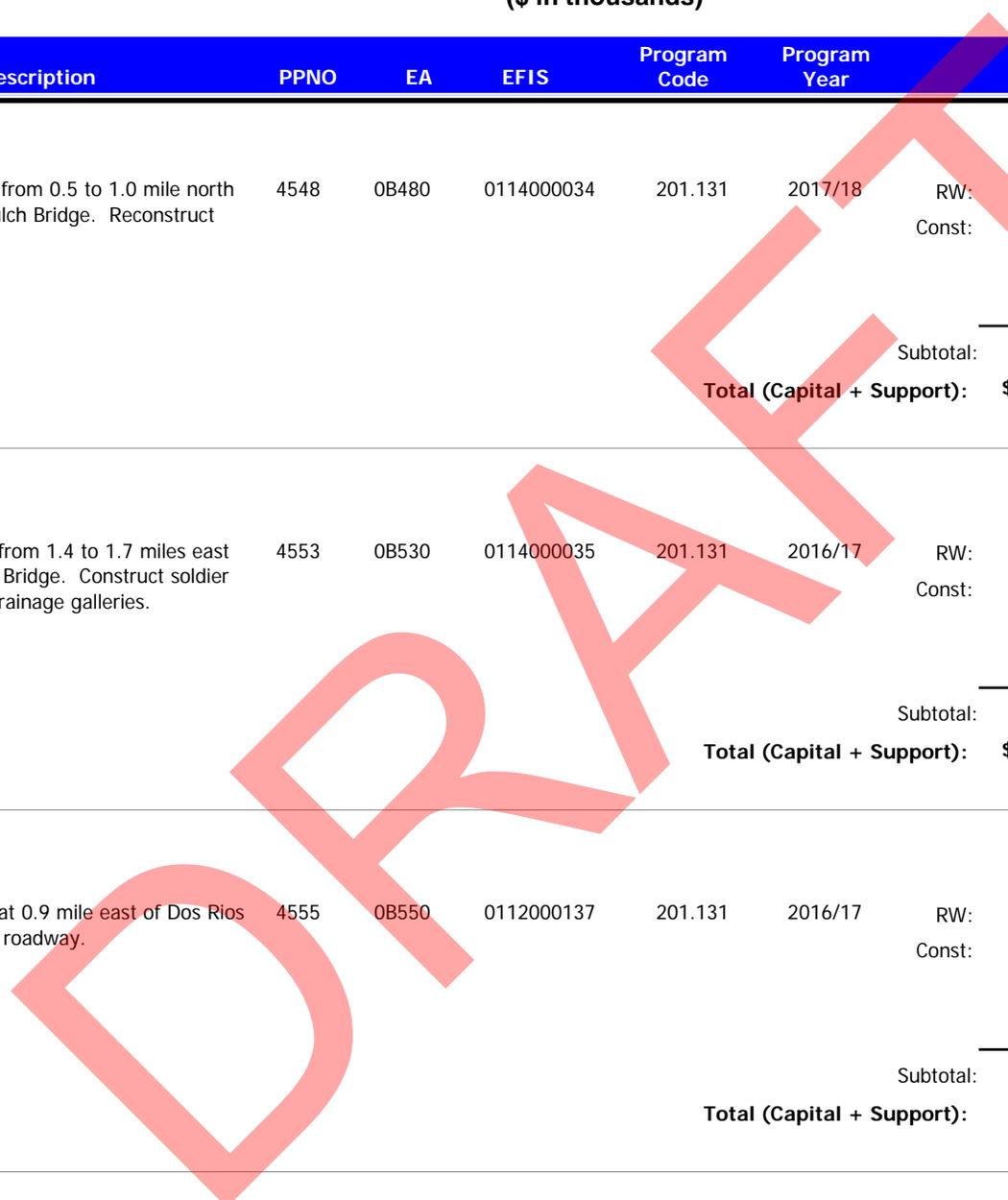
Mariposa County Total (Capital + Support): \$10,499

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2016 SHOPP V3.0 Project List Mendocino (\$ in thousands)



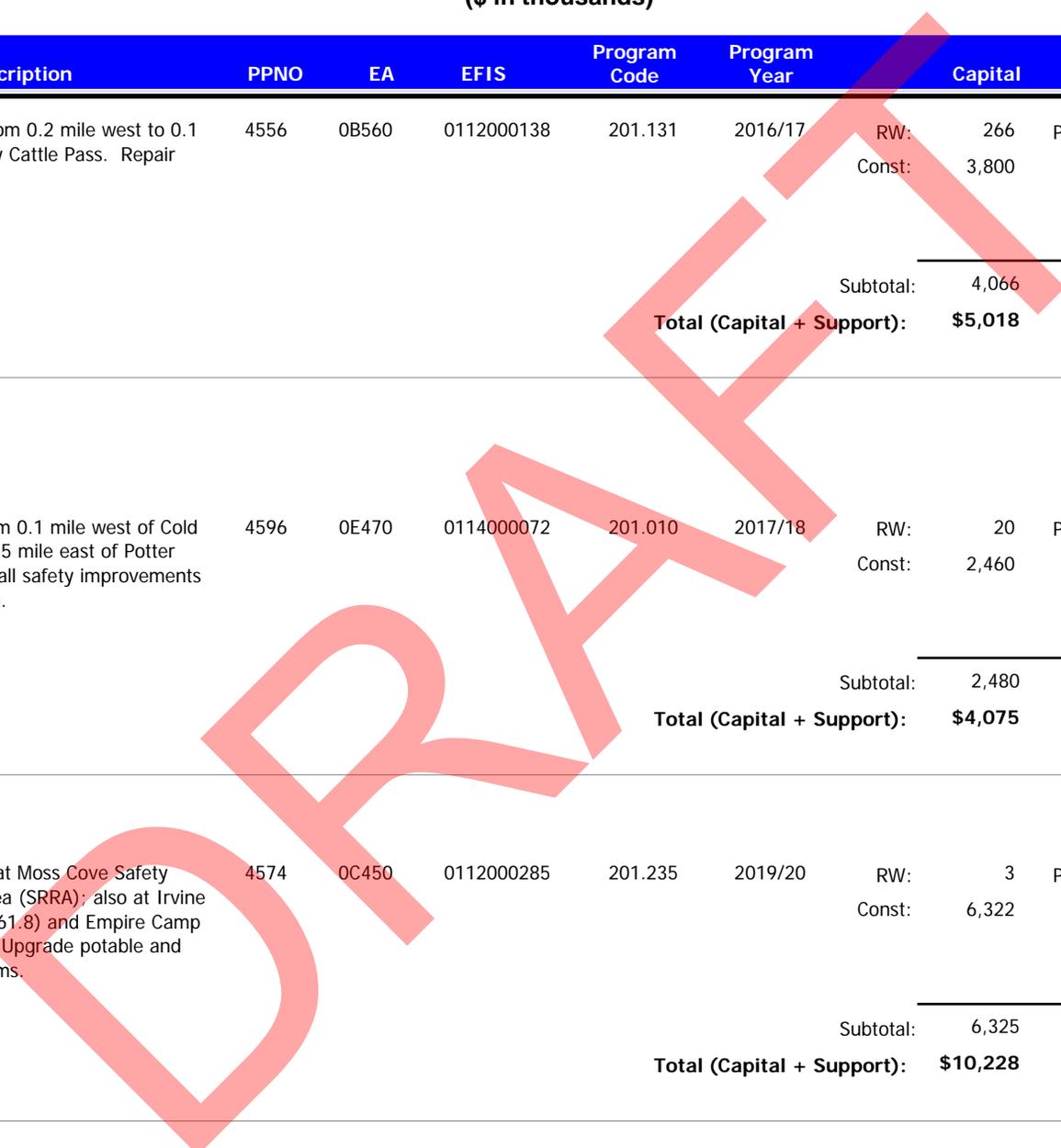
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
1	75.7/76.2	Near Westport, from 0.5 to 1.0 mile north of Blue Slide Gulch Bridge. Reconstruct roadway.	4548	OB480	0114000034	201.131	2017/18	RW:	767	PA&ED:	923	PA&ED:	9/1/2016
								Const:	14,706	PS&E:	1,319	RTL:	11/1/2017
										RW:	69	RW Cert:	11/1/2017
										Con:	1,620		
								Subtotal:	15,473		3,931		
								Total (Capital + Support):	\$19,404				
162	11.5/11.8	Near Dos Rios, from 1.4 to 1.7 miles east of Rodeo Creek Bridge. Construct soldier pile walls and drainage galleries.	4553	OB530	0114000035	201.131	2016/17	RW:	10	PA&ED:	1,300	PA&ED:	8/1/2016
								Const:	9,515	PS&E:	1,300	RTL:	6/1/2017
										RW:	10	RW Cert:	5/15/2017
										Con:	1,430		
								Subtotal:	9,525		4,040		
								Total (Capital + Support):	\$13,565				
162	16.1	Near Dos Rios, at 0.9 mile east of Dos Rios Road. Stabilize roadway.	4555	OB550	0112000137	201.131	2016/17	RW:	150	PA&ED:	270	PA&ED:	11/1/2015
								Const:	5,120	PS&E:	1,485	RTL:	12/1/2016
										RW:	75	RW Cert:	11/15/2016
										Con:	1,400		
								Subtotal:	5,270		3,230		
								Total (Capital + Support):	\$8,500				



2016 SHOPP V3.0 Project List Mendocino (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
253	1.5/1.8	Near Boonville, from 0.2 mile west to 0.1 mile east of Singly Cattle Pass. Repair slide.	4556	OB560	0112000138	201.131	2016/17	RW:	266	PA&ED:	59	PA&ED:	11/1/2015
								Const:	3,800	PS&E:	177	RTL:	8/15/2016
										RW:	56	RW Cert:	8/1/2016
										Con:	660		
								Subtotal:	4,066		952		
Total (Capital + Support):									\$5,018				
COLLISION REDUCTION													
20	R37.8/R38.4	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.	4596	0E470	0114000072	201.010	2017/18	RW:	20	PA&ED:	645	PA&ED:	8/1/2017
								Const:	2,460	PS&E:	474	RTL:	3/1/2018
										RW:	43	RW Cert:	2/1/2018
										Con:	433		
								Subtotal:	2,480		1,595		
Total (Capital + Support):									\$4,075				
101	58.9/82.5	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.	4574	OC450	0112000285	201.235	2019/20	RW:	3	PA&ED:	365	PA&ED:	10/1/2017
								Const:	6,322	PS&E:	2,260	RTL:	1/15/2020
										RW:	46	RW Cert:	1/2/2020
										Con:	1,232		
								Subtotal:	6,325		3,903		
Total (Capital + Support):									\$10,228				



**2016 SHOPP V3.0 Project List
Mendocino
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	R0.7/3.0	Near Hopland, from north of the Russian River Bridge and Overhead to south of Comminsky Station Road. Install median barrier.	4580	0C760	0113000050	201.010	2016/17	RW:	12	PA&ED:	674	PA&ED:	2/1/2016
								Const:	3,053	PS&E:	764	RTL:	11/1/2016
										RW:	89	RW Cert:	10/15/2016
										Con:	442		
								Subtotal:	3,065		1,969		
Total (Capital + Support):									\$5,034				
MANDATES													
101	47.2/47.4	In Willits, at Sherwood Road. Upgrade pedestrian facilities.	4564	0B830	0112000188	201.378	2016/17	RW:	183	PA&ED:	351	PA&ED:	7/8/2015
								Const:	1,841	PS&E:	695	RTL:	12/1/2016
										RW:	112	RW Cert:	11/1/2016
										Con:	514		
								Subtotal:	2,024		1,672		
Total (Capital + Support):									\$3,696				
BRIDGE PRESERVATION													
1	31.4	Near Fort Bragg at Elk Creek Bridge No. 10 -0120. Replace and upgrade bridge rails.	4588	0E110	0113000125	201.112	2019/20	RW:	333	PA&ED:	1,363	PA&ED:	7/1/2018
								Const:	7,325	PS&E:	1,445	RTL:	10/1/2019
										RW:	191	RW Cert:	9/1/2019
										Con:	1,759		
								Subtotal:	7,658		4,758		
Total (Capital + Support):									\$12,416				



**2016 SHOPP V3.0 Project List
Mendocino
(\$ in thousands)**



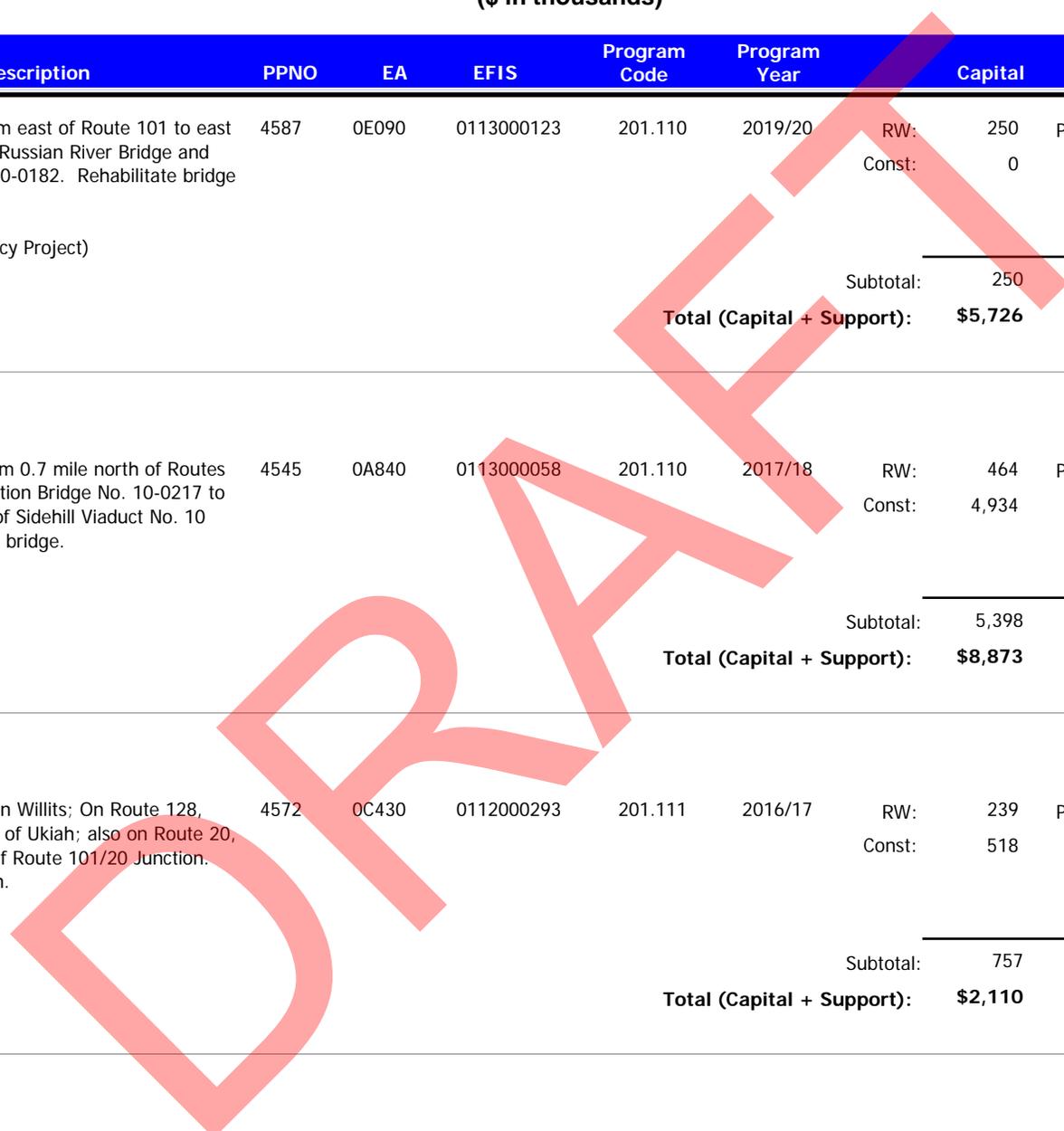
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
1	42.4/43.3	Near Albion, from 2.2 miles north of Route 128 junction to 0.2 mile north of Salmon Creek Bridge No. 10-0134. Bridge replacement. (G13 Contingency Project)	4491	40140	0100000155	201.110	2017/18	RW: 4,638 Const: 0	PA&ED: 4,525 PS&E: 5,593 RW: 810 Con: 0	PA&ED: 2/1/2017 RTL: 6/15/2018 RW Cert: 6/1/2018
								Subtotal:	4,638	10,928
								Total (Capital + Support):	\$15,566	
1	43.3/44.2	Near Albion, from 3.0 miles north of route 128 junction to 0.2 mile north of Albion river Bridge No. 10-0136. Bridge Replacement. (G13 Contingency Project)	4490	40110	0100000154	201.110	2017/18	RW: 5,101 Const: 0	PA&ED: 3,650 PS&E: 5,220 RW: 828 Con: 0	PA&ED: 2/1/2017 RTL: 6/15/2018 RW Cert: 6/1/2018
								Subtotal:	5,101	9,698
								Total (Capital + Support):	\$14,799	
1	48.0/62.1	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.	4507	43480	0100000672	201.112	2017/18	RW: 2,200 Const: 14,603	PA&ED: 1,790 PS&E: 2,825 RW: 341 Con: 3,650	PA&ED: 1/15/2017 RTL: 6/15/2018 RW Cert: 3/1/2018
								Subtotal:	16,803	8,606
								Total (Capital + Support):	\$25,409	



**2016 SHOPP V3.0 Project List
Mendocino
(\$ in thousands)**



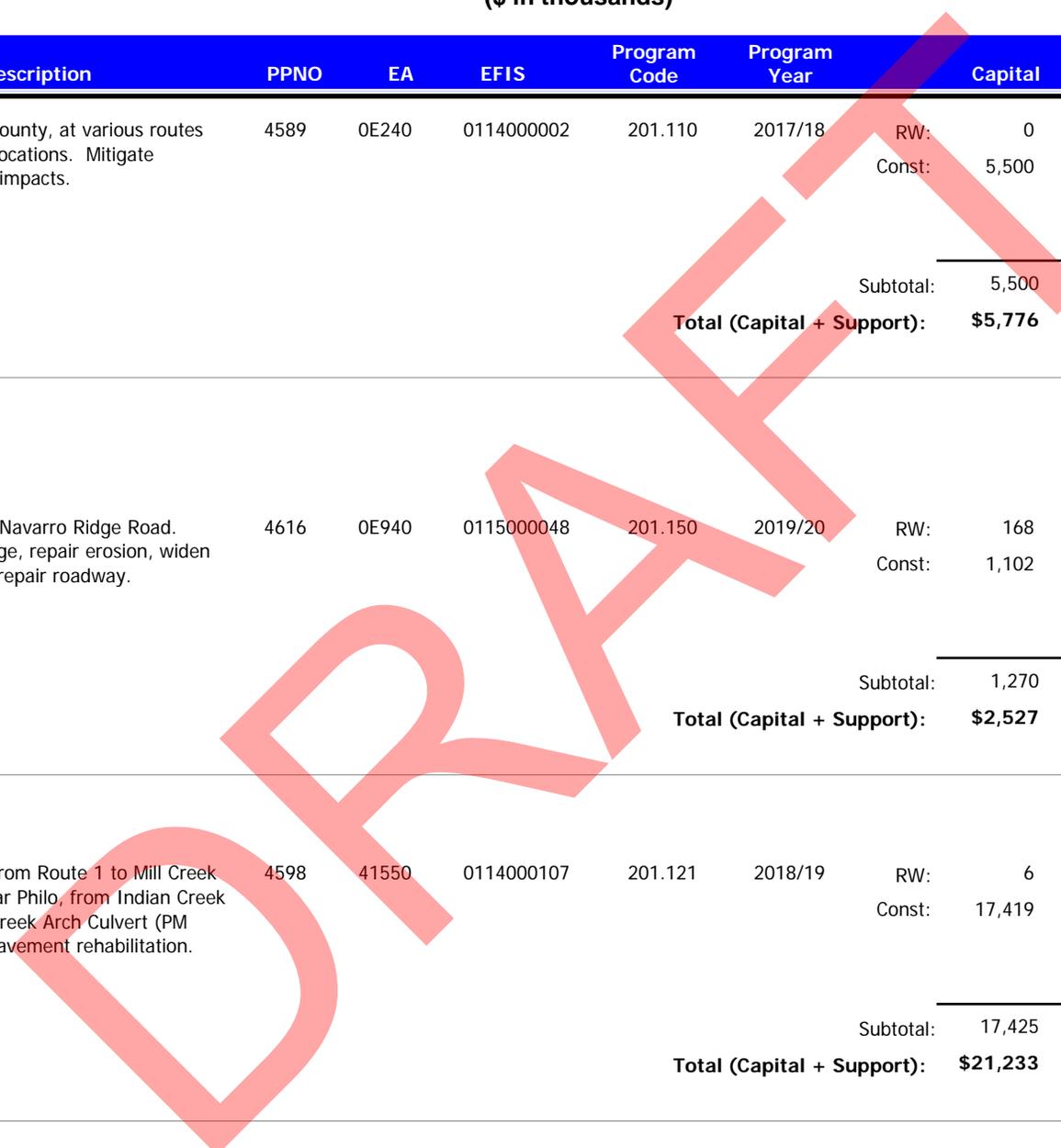
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
20	33.3/34.4	Near Ukiah, from east of Route 101 to east of Road 144 at Russian River Bridge and Overhead No. 10-0182. Rehabilitate bridge deck. (G13 Contingency Project)	4587	0E090	0113000123	201.110	2019/20	RW:	250	PA&ED:	2,087	PA&ED:	9/1/2018
								Const:	0	PS&E:	3,129	RTL:	3/1/2020
										RW:	260	RW Cert:	2/15/2020
										Con:	0		
								Subtotal:	250		5,476		
Total (Capital + Support):								\$5,726					
271	17.7/18.0	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.	4545	0A840	0113000058	201.110	2017/18	RW:	464	PA&ED:	644	PA&ED:	2/1/2017
								Const:	4,934	PS&E:	973	RTL:	2/1/2018
										RW:	162	RW Cert:	1/15/2018
										Con:	1,696		
								Subtotal:	5,398		3,475		
Total (Capital + Support):								\$8,873					
VAR		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.	4572	0C430	0112000293	201.111	2016/17	RW:	239	PA&ED:	299	PA&ED:	9/1/2016
								Const:	518	PS&E:	462	RTL:	8/30/2017
										RW:	146	RW Cert:	8/15/2017
										Con:	446		
								Subtotal:	757		1,353		
Total (Capital + Support):								\$2,110					



**2016 SHOPP V3.0 Project List
Mendocino
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
VAR		In Mendocino County, at various routes and at various locations. Mitigate environmental impacts.	4589	0E240	0114000002	201.110	2017/18	RW:	0	PA&ED:	74	PA&ED:	3/6/2015
								Const:	5,500	PS&E:	63	RTL:	8/1/2017
										RW:	66	RW Cert:	8/1/2017
										Con:	73		
								Subtotal:	5,500		276		
								Total (Capital + Support):	\$5,776				
ROADWAY PRESERVATION													
1	42.3/42.5	Near Albion, at Navarro Ridge Road. Improve drainage, repair erosion, widen shoulders, and repair roadway.	4616	0E940	0115000048	201.150	2019/20	RW:	168	PA&ED:	415	PA&ED:	9/1/2018
								Const:	1,102	PS&E:	405	RTL:	3/1/2020
										RW:	67	RW Cert:	2/1/2020
										Con:	370		
								Subtotal:	1,270		1,257		
								Total (Capital + Support):	\$2,527				
128	0.0/17.9	Near Navarro, from Route 1 to Mill Creek Bridge; also near Philo, from Indian Creek Bridge to Con Creek Arch Culvert (PM 23.3/R26.8). Pavement rehabilitation.	4598	41550	0114000107	201.121	2018/19	RW:	6	PA&ED:	807	PA&ED:	10/1/2017
								Const:	17,419	PS&E:	1,093	RTL:	10/1/2018
										RW:	21	RW Cert:	9/15/2018
										Con:	1,887		
								Subtotal:	17,425		3,808		
								Total (Capital + Support):	\$21,233				



**2016 SHOPP V3.0 Project List
Mendocino
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
								RW: 14,810	PA&ED: 20,241		
								Const: 98,218	PS&E: 29,682		
									RW: 3,392		
									Con: 17,612		
								<hr/>			
								Subtotal: 113,028	70,927		
Mendocino County Total (Capital + Support):								\$183,955			

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**2016 SHOPP V3.0 Project List
Merced
(\$ in thousands)**



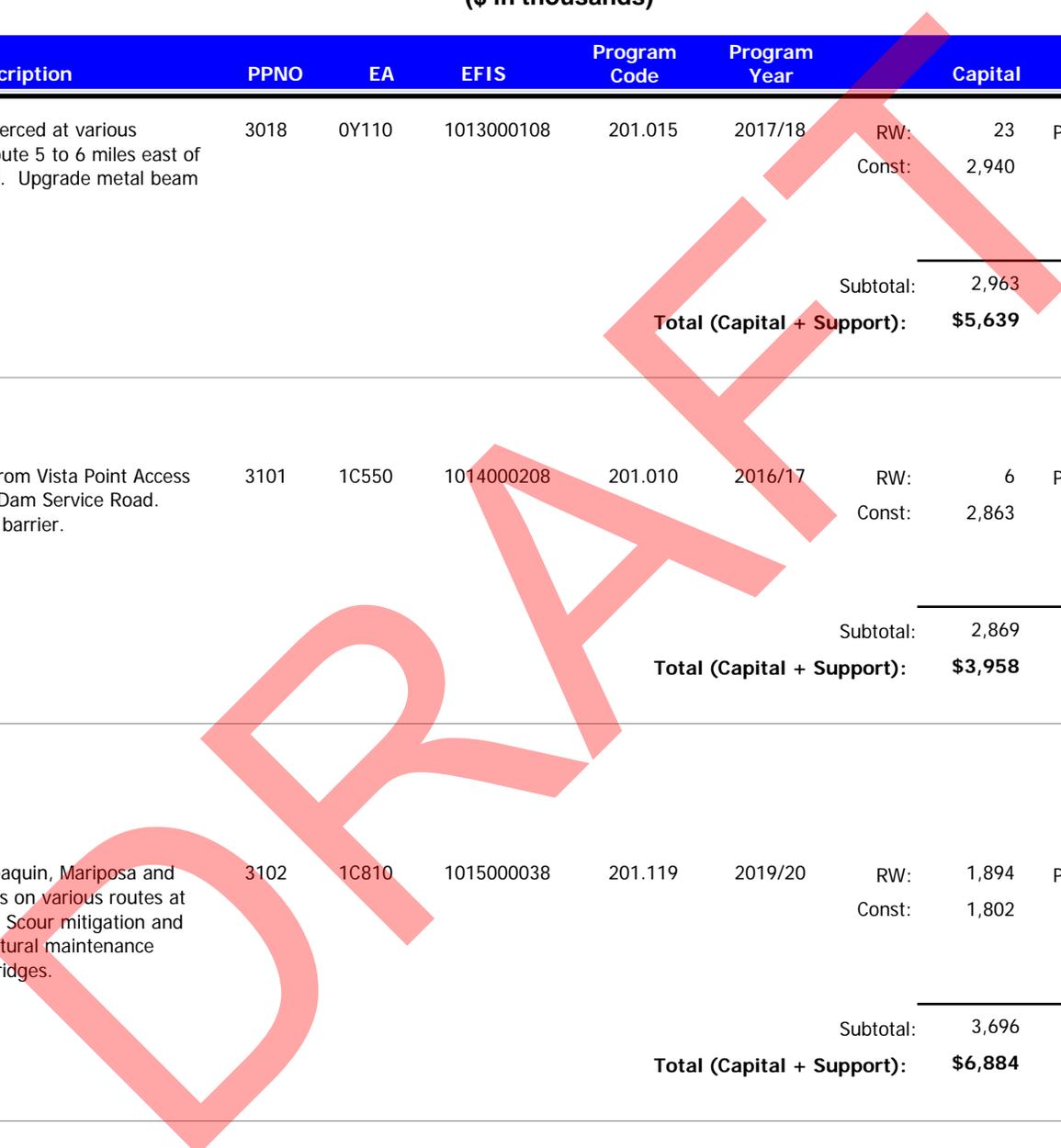
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
<u>COLLISION REDUCTION</u>												
5	0.4/0.9	Near Firebaugh, at the John "Chuck" Erreca Safety Roadside Rest Area (SRRRA). Upgrade water and wastewater system.	3008	0W620	1012000020	201.235	2017/18	RW: 0 Const: 2,271	PA&ED: 121 PS&E: 589 RW: 0 Con: 827	PA&ED: 121 RTL: 8/1/2017 RW Cert: 6/1/2017	1/2/2016 8/1/2017 6/1/2017	
								Subtotal:	2,271	1,537		
								Total (Capital + Support):	\$3,808			
59	12.8/13.5	In the city of Merced, at Mission Avenue/Dickenson Ferry Road. Left turn channelization.	3005	0U520	1000020459	201.010	2016/17	RW: 818 Const: 1,500	PA&ED: 699 PS&E: 727 RW: 598 Con: 369	PA&ED: 699 RTL: 12/16/2016 RW Cert: 12/1/2016	6/27/2014 12/16/2016 12/1/2016	
								Subtotal:	2,318	2,393		
								Total (Capital + Support):	\$4,711			
99		In Merced, San Joaquin, and Stanislaus, Counties, at various locations. Construct shoulder rumble strips and improve safety visibility by installing lighting.	3159	1C470	1015000112	201.010	2016/17	RW: 0 Const: 2,091	PA&ED: 186 PS&E: 250 RW: 0 Con: 400	PA&ED: 186 RTL: 7/19/2016 RW Cert: 5/11/2016	1/25/2016 7/19/2016 5/11/2016	
								Subtotal:	2,091	836		
								Total (Capital + Support):	\$2,927			



**2016 SHOPP V3.0 Project List
Merced
(\$ in thousands)**



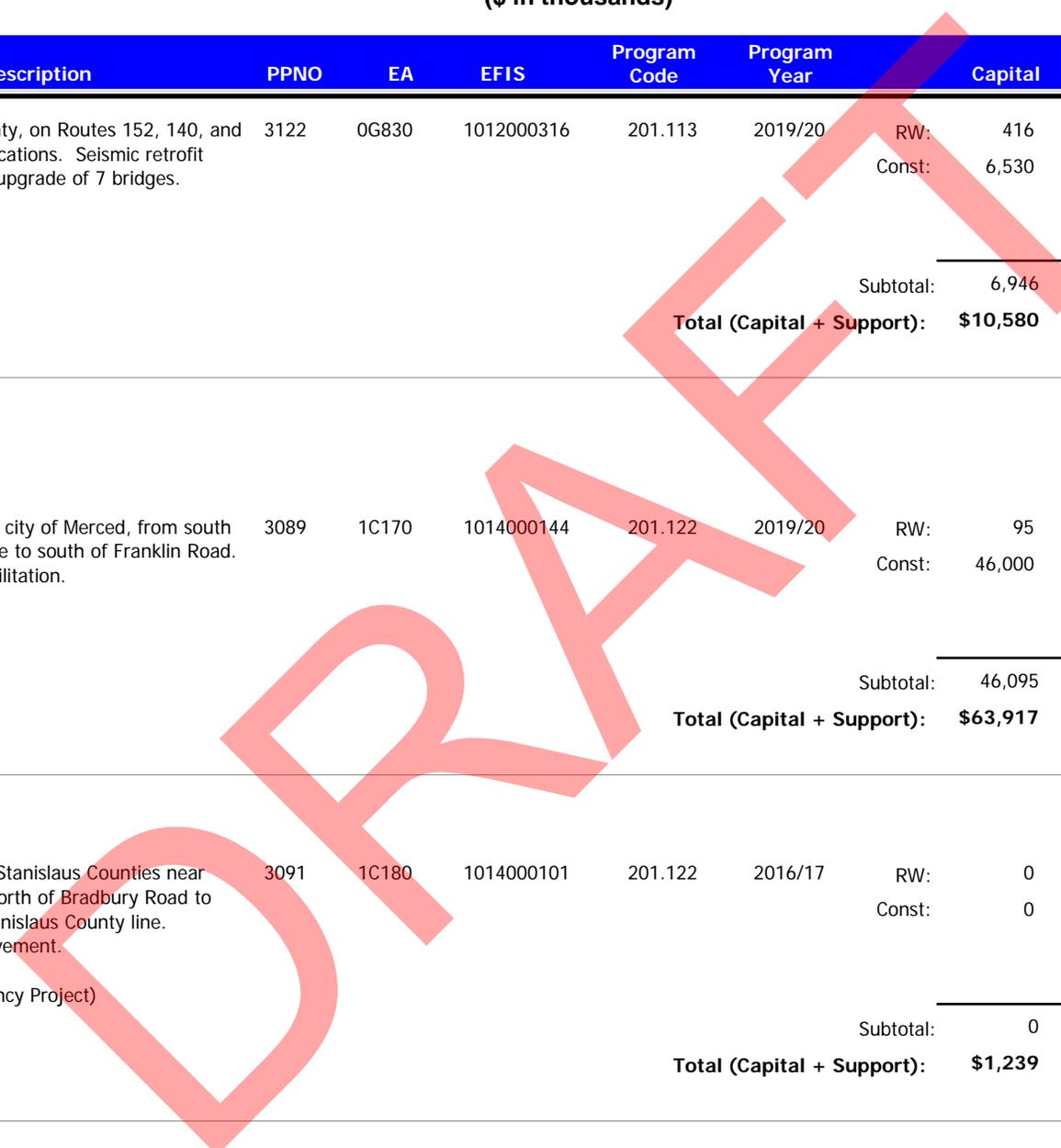
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
140	0.0/42.1	Near the city of Merced at various locations, from Route 5 to 6 miles east of the city of Merced. Upgrade metal beam guardrails	3018	0Y110	1013000108	201.015	2017/18	RW:	23	PA&ED:	819	PA&ED:	7/5/2016
								Const:	2,940	PS&E:	873	RTL:	10/2/2017
										RW:	280	RW Cert:	7/15/2017
										Con:	704		
								Subtotal:	2,963		2,676		
Total (Capital + Support):								\$5,639					
152	R2.4/R6.0	Near Los Banos, from Vista Point Access Road to San Luis Dam Service Road. Construct median barrier.	3101	1C550	1014000208	201.010	2016/17	RW:	6	PA&ED:	312	PA&ED:	2/1/2016
								Const:	2,863	PS&E:	405	RTL:	9/16/2016
										RW:	20	RW Cert:	7/11/2016
										Con:	352		
								Subtotal:	2,869		1,089		
Total (Capital + Support):								\$3,958					
BRIDGE PRESERVATION													
5	VAR	In Merced, San Joaquin, Mariposa and Stanislaus counties on various routes at various locations. Scour mitigation and preventative structural maintenance measures at 13 bridges.	3102	1C810	1015000038	201.119	2019/20	RW:	1,894	PA&ED:	819	PA&ED:	7/2/2018
								Const:	1,802	PS&E:	888	RTL:	4/15/2020
										RW:	542	RW Cert:	4/1/2020
										Con:	939		
								Subtotal:	3,696		3,188		
Total (Capital + Support):								\$6,884					



**2016 SHOPP V3.0 Project List
Merced
(\$ in thousands)**



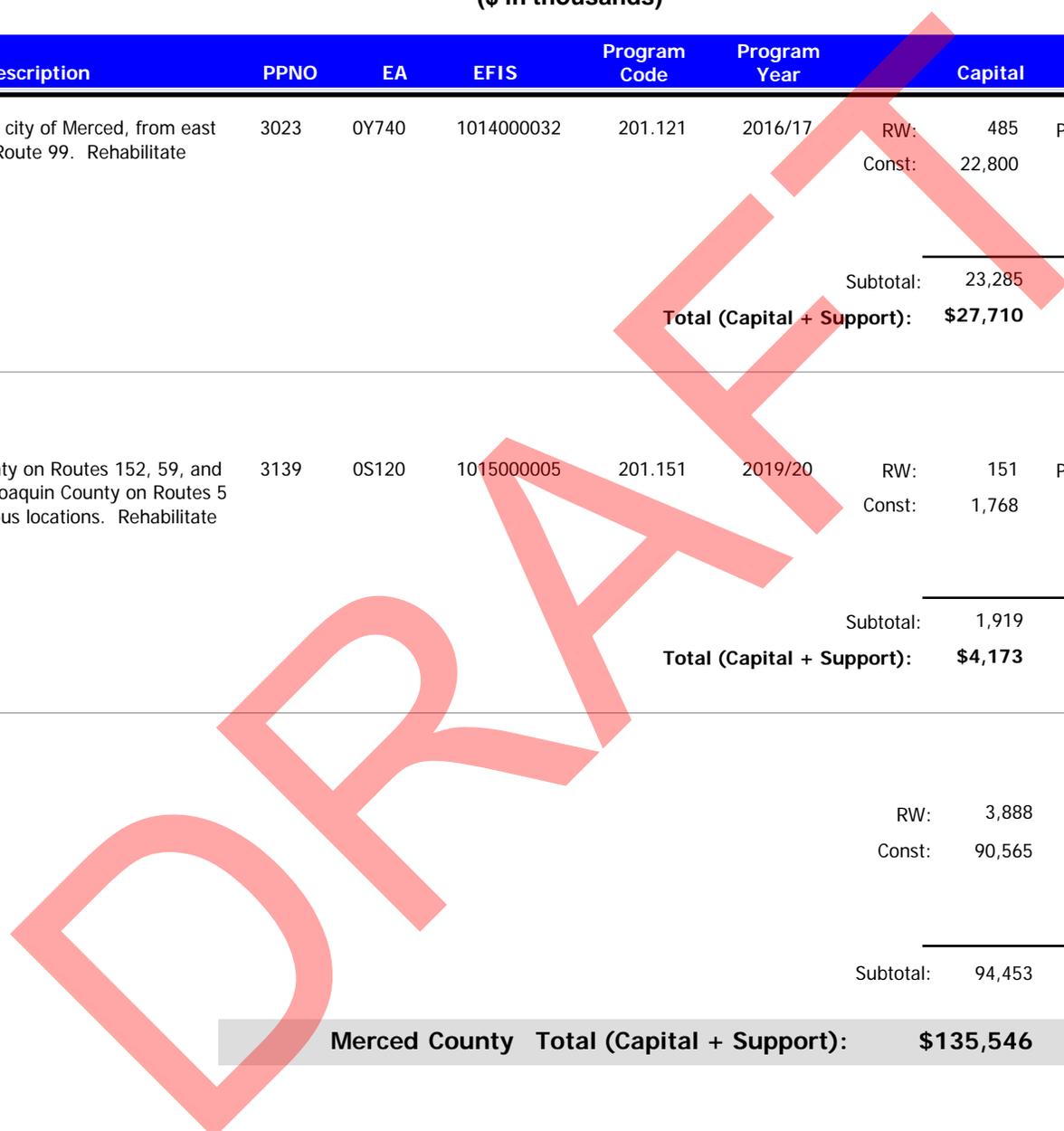
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
152	VAR	In Merced County, on Routes 152, 140, and 59 at various locations. Seismic retrofit and bridge rail upgrade of 7 bridges.	3122	0G830	1012000316	201.113	2019/20	RW:	416	PA&ED:	982	PA&ED:	1/2/2019
								Const:	6,530	PS&E:	649	RTL:	2/21/2020
										RW:	19	RW Cert:	2/7/2020
										Con:	1,984		
								Subtotal:	6,946		3,634		
								Total (Capital + Support):	\$10,580				
ROADWAY PRESERVATION													
99	R12.7/17.6	In and near the city of Merced, from south of Childs Avenue to south of Franklin Road. Roadway rehabilitation.	3089	1C170	1014000144	201.122	2019/20	RW:	95	PA&ED:	1,600	PA&ED:	4/2/2018
								Const:	46,000	PS&E:	3,700	RTL:	5/15/2020
										RW:	122	RW Cert:	4/15/2020
										Con:	12,400		
								Subtotal:	46,095		17,822		
								Total (Capital + Support):	\$63,917				
99	R35.9/R37.3	In Merced and Stanislaus Counties near Turlock, from north of Bradbury Road to north of the Stanislaus County line. Rehabilitate pavement. (G13 Contingency Project)	3091	1C180	1014000101	201.122	2016/17	RW:	0	PA&ED:	281	PA&ED:	12/8/2015
								Const:	0	PS&E:	954	RTL:	6/8/2017
										RW:	4	RW Cert:	5/8/2017
										Con:	0		
								Subtotal:	0		1,239		
								Total (Capital + Support):	\$1,239				



2016 SHOPP V3.0 Project List Merced (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
140	6.1/35.8	In and near the city of Merced, from east Junction 33 to Route 99. Rehabilitate pavement.	3023	0Y740	1014000032	201.121	2016/17	RW:	485	PA&ED:	1,380	PA&ED:	2/1/2016
								Const:	22,800	PS&E:	1,450	RTL:	8/1/2016
										RW:	215	RW Cert:	4/1/2016
										Con:	1,380		
								Subtotal:	23,285		4,425		
Total (Capital + Support):								\$27,710					
152	VAR	In Merced County on Routes 152, 59, and 99 and in San Joaquin County on Routes 5 and 12, at various locations. Rehabilitate culverts.	3139	0S120	1015000005	201.151	2019/20	RW:	151	PA&ED:	622	PA&ED:	12/3/2018
								Const:	1,768	PS&E:	743	RTL:	1/3/2020
										RW:	124	RW Cert:	10/1/2019
										Con:	765		
								Subtotal:	1,919		2,254		
Total (Capital + Support):								\$4,173					
								RW:	3,888	PA&ED:	7,821		
								Const:	90,565	PS&E:	11,228		
										RW:	1,924		
										Con:	20,120		
								Subtotal:	94,453		41,093		
Merced County Total (Capital + Support):								\$135,546					



**2016 SHOPP V3.0 Project List
Modoc
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
299		Near Adin, at Butte Creek Bridge No. 03-001 and at Ash Creek Bridge No. 03-002. Replace bridges.	3484	4F210	0212000072	201.110	2017/18	RW:	47	PA&ED:	610	PA&ED:	3/3/2017
								Const:	5,600	PS&E:	680	RTL:	6/22/2018
										RW:	270	RW Cert:	5/11/2018
										Con:	1,150		
								Subtotal:	5,647		2,710		
								Total (Capital + Support):	\$8,357				
<hr/>													
299	23.3	Near Canby, at Caldwell Creek Bridge No. 03-0028. Replace bridge.	3513	4F570	0213000008	201.111	2017/18	RW:	50	PA&ED:	290	PA&ED:	7/15/2016
								Const:	1,770	PS&E:	390	RTL:	10/27/2017
										RW:	70	RW Cert:	10/6/2017
										Con:	750		
								Subtotal:	1,820		1,500		
								Total (Capital + Support):	\$3,320				
<hr/>													
ROADWAY PRESERVATION													
299	24.5/33.5	Near Alturas, from 1.1 miles east of Caldwell Creek Bridge to 1.7 miles west of County Road 75. Rehabilitate roadway.	3522	4F770	0213000031	201.120	2017/18	RW:	28	PA&ED:	750	PA&ED:	7/30/2016
								Const:	11,087	PS&E:	760	RTL:	10/30/2017
										RW:	50	RW Cert:	9/23/2017
										Con:	1,660		
								Subtotal:	11,115		3,220		
								Total (Capital + Support):	\$14,335				



**2016 SHOPP V3.0 Project List
Modoc
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
								RW: 125	PA&ED: 1,650	
								Const: 18,457	PS&E: 1,830	
									RW: 390	
									Con: 3,560	
								<hr/>		
								Subtotal: 18,582		7,430
Modoc County Total (Capital + Support):								\$26,012		

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2016 SHOPP V3.0 Project List Mono (\$ in thousands)



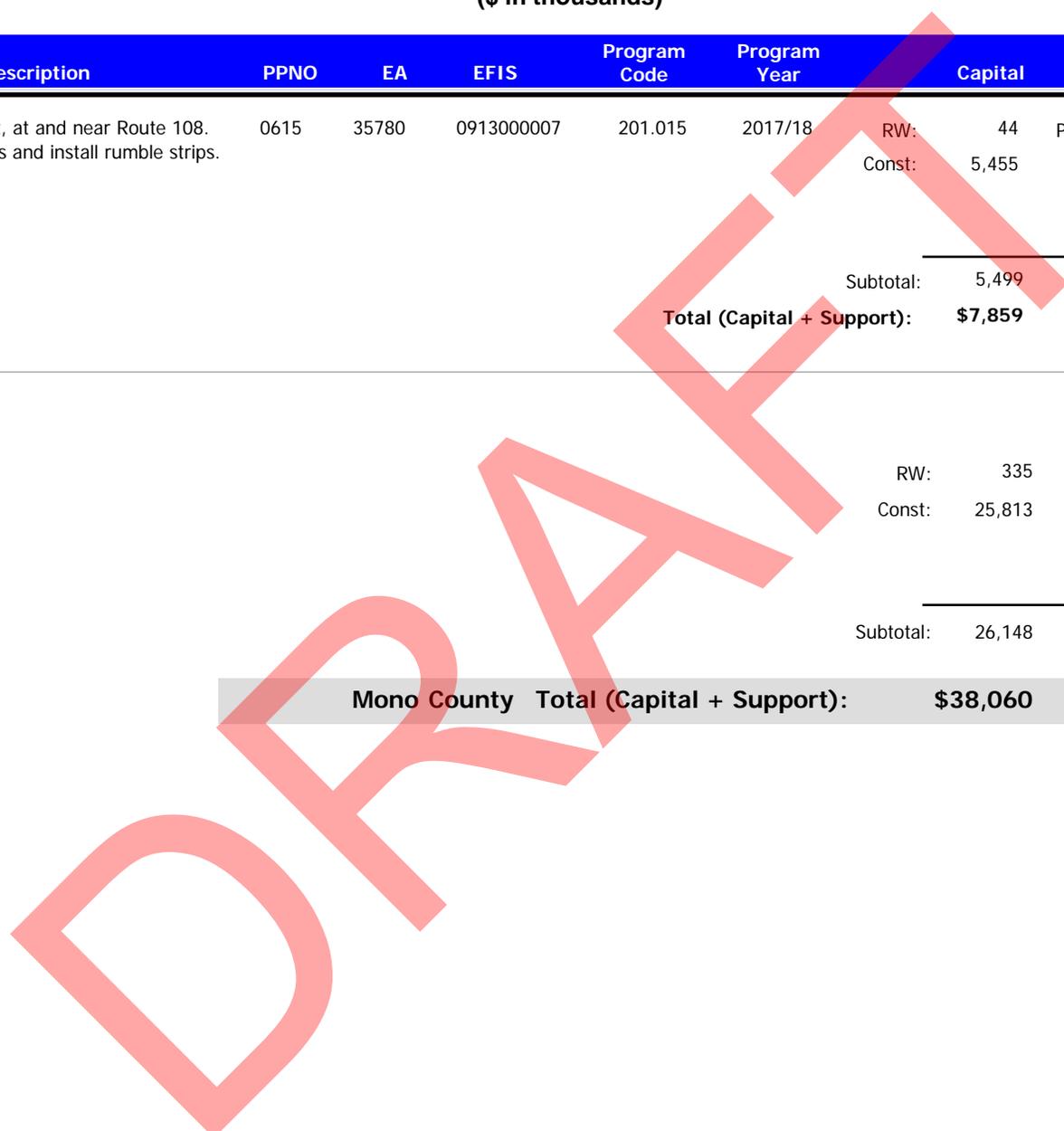
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
395	60.0/69.9	Near Bridgeport, from Conway Ranch Road to Route 270. Upgrade guardrail to meet current standards.	0658	36470	0915000016	201.015	2018/19	RW:	0	PA&ED:	319	PA&ED:	8/9/2017
								Const:	2,470	PS&E:	420	RTL:	9/17/2018
										RW:	2	RW Cert:	7/30/2018
										Con:	355		
								Subtotal:	2,470		1,096		
								Total (Capital + Support):	\$3,566				
395	80.6/84.1	Near Bridgeport, from Buckeye Road to south of Swauger Road. Widen shoulders and stabilize slopes.	0604	35080	0900020055	201.015	2016/17	RW:	101	PA&ED:	1,200	PA&ED:	1/14/2015
								Const:	12,028	PS&E:	1,055	RTL:	10/3/2016
										RW:	290	RW Cert:	8/1/2016
										Con:	1,900		
								Subtotal:	12,129		4,445		
								Total (Capital + Support):	\$16,574				
395	88.4/91.6	Near Bridgeport, from north of Devil's Gate Summit to Burcham Flat Road. Widen shoulders and add rumble strip.	2600	34940	0912000033	201.015	2017/18	RW:	190	PA&ED:	1,700	PA&ED:	12/1/2016
								Const:	5,860	PS&E:	821	RTL:	3/1/2018
										RW:	350	RW Cert:	3/1/2018
										Con:	1,140		
								Subtotal:	6,050		4,011		
								Total (Capital + Support):	\$10,061				



**2016 SHOPP V3.0 Project List
Mono
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
395	93.4/95.7	Near Bridgeport, at and near Route 108. Widen shoulders and install rumble strips.	0615	35780	0913000007	201.015	2017/18	RW: 44 Const: 5,455	PA&ED: 270 PS&E: 800 RW: 190 Con: 1,100	PA&ED: 7/30/2015 RTL: 12/1/2017 RW Cert: 10/2/2017
								Subtotal:	5,499	2,360
								Total (Capital + Support):	\$7,859	
								RW: 335 Const: 25,813	PA&ED: 3,489 PS&E: 3,096 RW: 832 Con: 4,495	
								Subtotal:	26,148	11,912
								Mono County Total (Capital + Support):	\$38,060	



2016 SHOPP V3.0 Project List Monterey (\$ in thousands)



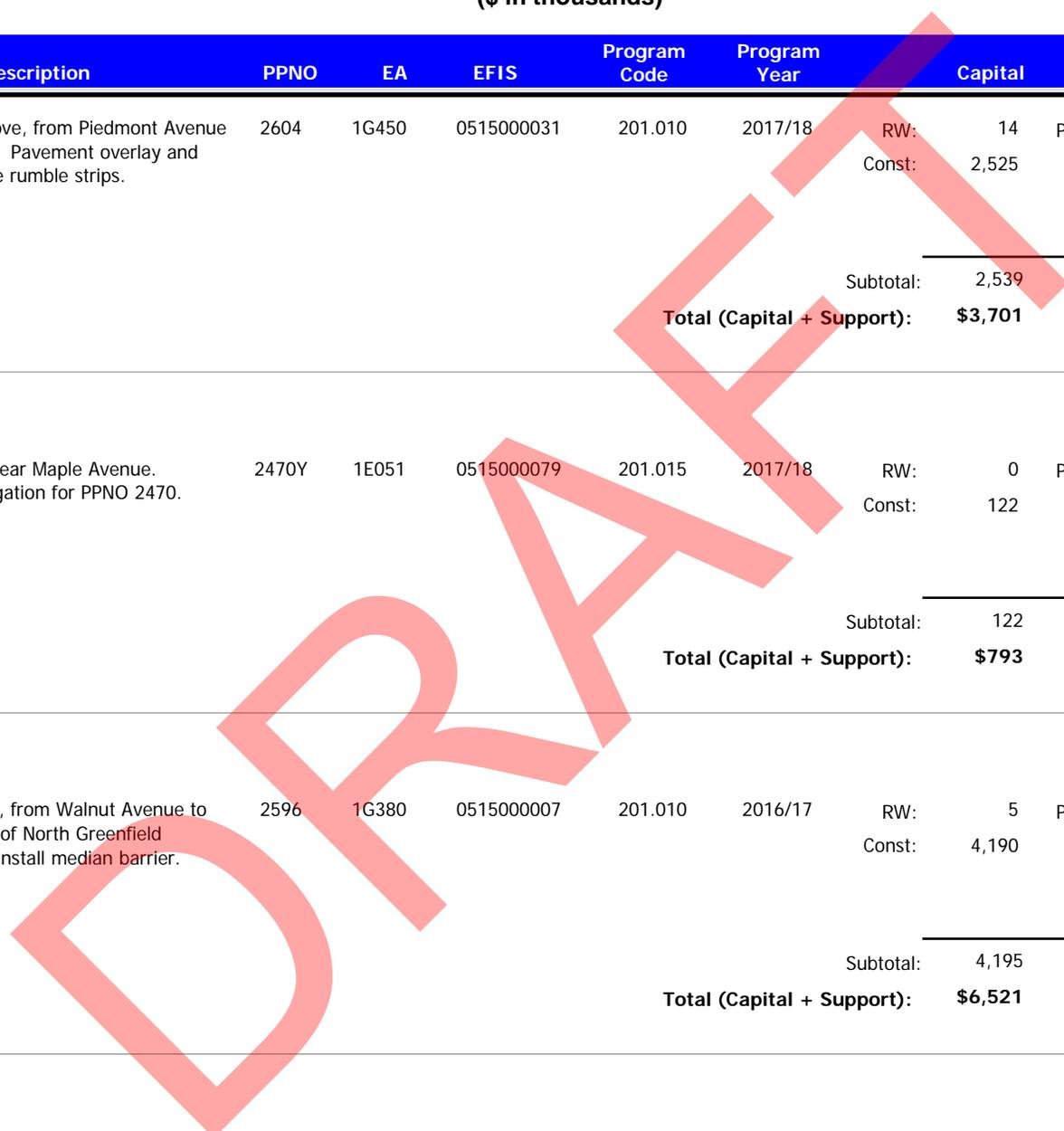
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
1	21.6/22.1	Near Lucia, from north of Limekiln Creek Bridge to south of Lucia. Slide repair.	2314	OT850	0500020308	201.131	2017/18	RW:	551	PA&ED:	4,500	PA&ED:	2/1/2017
								Const:	13,947	PS&E:	1,654	RTL:	5/7/2018
										RW:	874	RW Cert:	5/7/2018
										Con:	2,756		
								Subtotal:	14,498		9,784		
								Total (Capital + Support):	\$24,282				
COLLISION REDUCTION													
1	58.3/59.8	North of Big Sur, from south of Bixby Creek Bridge to south of Rocky Creek Bridge. Widen shoulders and upgrade guardrails.	2313	1A000	0500020284	201.015	2017/18	RW:	14	PA&ED:	575	PA&ED:	9/8/2016
								Const:	5,349	PS&E:	983	RTL:	1/2/2018
										RW:	11	RW Cert:	1/2/2018
										Con:	1,154		
								Subtotal:	5,363		2,723		
								Total (Capital + Support):	\$8,086				
68	1.6/L4.0	Near Pacific Grove, from south of Piedmont Avenue to Scenic Drive. Widen shoulders.	2378	1C250	0512000107	201.015	2017/18	RW:	0	PA&ED:	715	PA&ED:	7/12/2016
								Const:	3,138	PS&E:	1,093	RTL:	6/22/2018
										RW:	17	RW Cert:	12/26/2017
										Con:	786		
								Subtotal:	3,138		2,611		
								Total (Capital + Support):	\$5,749				



2016 SHOPP V3.0 Project List Monterey (\$ in thousands)



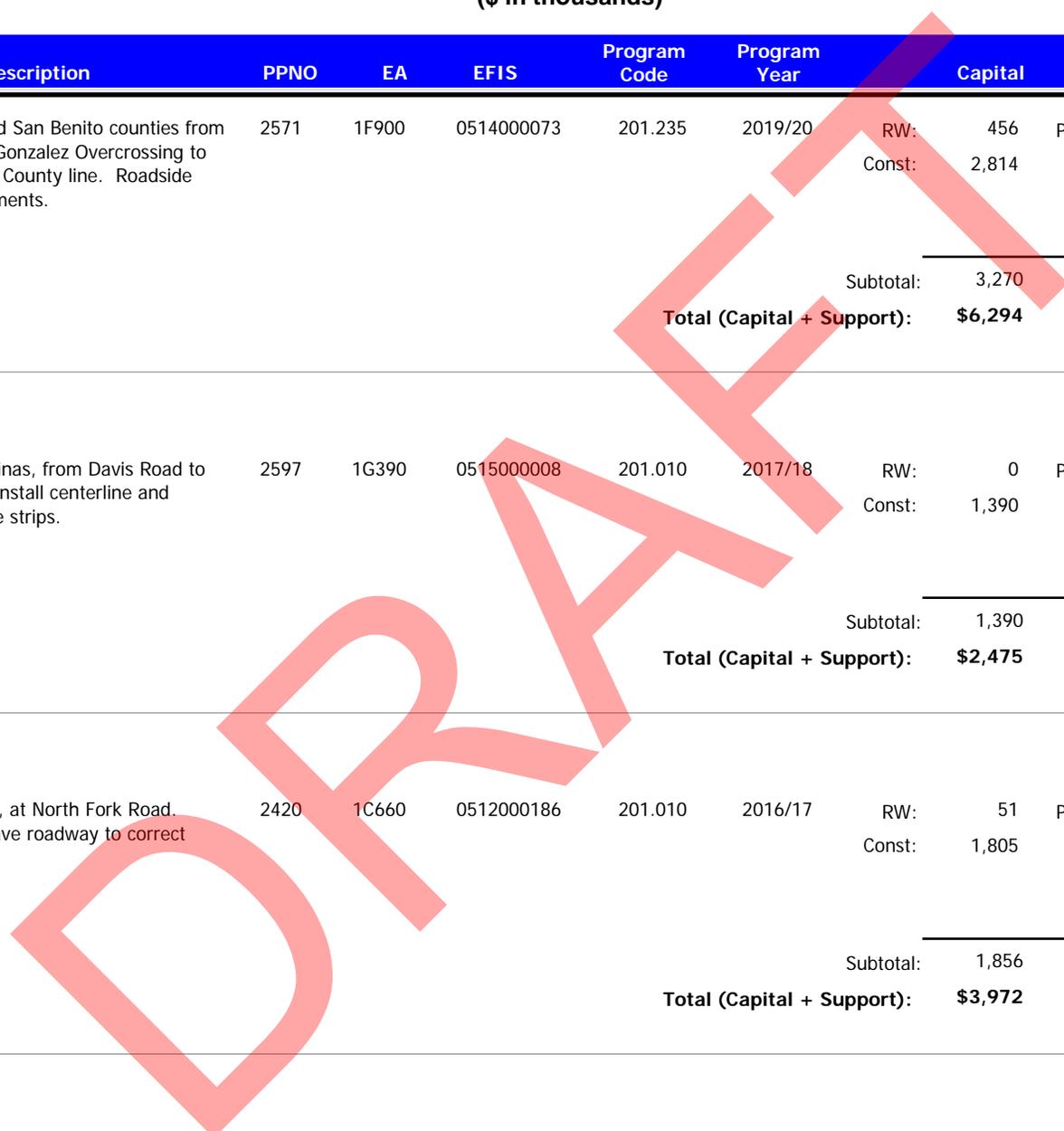
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
68	1.6/L4.1	Near Pacific Grove, from Piedmont Avenue to Scenic Drive. Pavement overlay and install centerline rumble strips.	2604	1G450	0515000031	201.010	2017/18	RW:	14	PA&ED:	276	PA&ED:	6/15/2016
								Const:	2,525	PS&E:	491	RTL:	7/17/2017
										RW:	34	RW Cert:	2/24/2017
										Con:	361		
								Subtotal:	2,539		1,162		
Total (Capital + Support):									\$3,701				
<hr/>													
101	53.2	In Greenfield, near Maple Avenue. Landscape mitigation for PPNO 2470.	2470Y	1E051	0515000079	201.015	2017/18	RW:	0	PA&ED:	0	PA&ED:	6/26/2013
								Const:	122	PS&E:	407	RTL:	4/6/2018
										RW:	18	RW Cert:	11/8/2017
										Con:	246		
								Subtotal:	122		671		
Total (Capital + Support):									\$793				
<hr/>													
101	53.9/57.1	Near Greenfield, from Walnut Avenue to 2.4 miles north of North Greenfield Overcrossing. Install median barrier.	2596	1G380	0515000007	201.010	2016/17	RW:	5	PA&ED:	0	PA&ED:	6/18/2015
								Const:	4,190	PS&E:	1,030	RTL:	3/1/2017
										RW:	56	RW Cert:	10/12/2016
										Con:	1,240		
								Subtotal:	4,195		2,326		
Total (Capital + Support):									\$6,521				



2016 SHOPP V3.0 Project List Monterey (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
101	73.0/96.8	In Monterey and San Benito counties from north of North Gonzalez Overcrossing to the Santa Clara County line. Roadside safety improvements.	2571	1F900	0514000073	201.235	2019/20	RW:	456	PA&ED:	715	PA&ED:	10/1/2018
								Const:	2,814	PS&E:	1,090	RTL:	6/15/2020
										RW:	175	RW Cert:	6/1/2020
										Con:	1,044		
								Subtotal:	3,270		3,024		
Total (Capital + Support):								\$6,294					
183	R1.8/R8.6	In and near Salinas, from Davis Road to Blackie Road. Install centerline and shoulder rumble strips.	2597	1G390	0515000008	201.010	2017/18	RW:	0	PA&ED:	280	PA&ED:	3/1/2016
								Const:	1,390	PS&E:	473	RTL:	10/19/2017
										RW:	35	RW Cert:	6/1/2017
										Con:	297		
								Subtotal:	1,390		1,085		
Total (Capital + Support):								\$2,475					
198	22.4/22.8	Near San Lucas, at North Fork Road. Widen and repave roadway to correct cross-slope.	2420	1C660	0512000186	201.010	2016/17	RW:	51	PA&ED:	650	PA&ED:	10/30/2015
								Const:	1,805	PS&E:	735	RTL:	11/2/2016
										RW:	147	RW Cert:	8/2/2016
										Con:	584		
								Subtotal:	1,856		2,116		
Total (Capital + Support):								\$3,972					



2016 SHOPP V3.0 Project List Monterey (\$ in thousands)



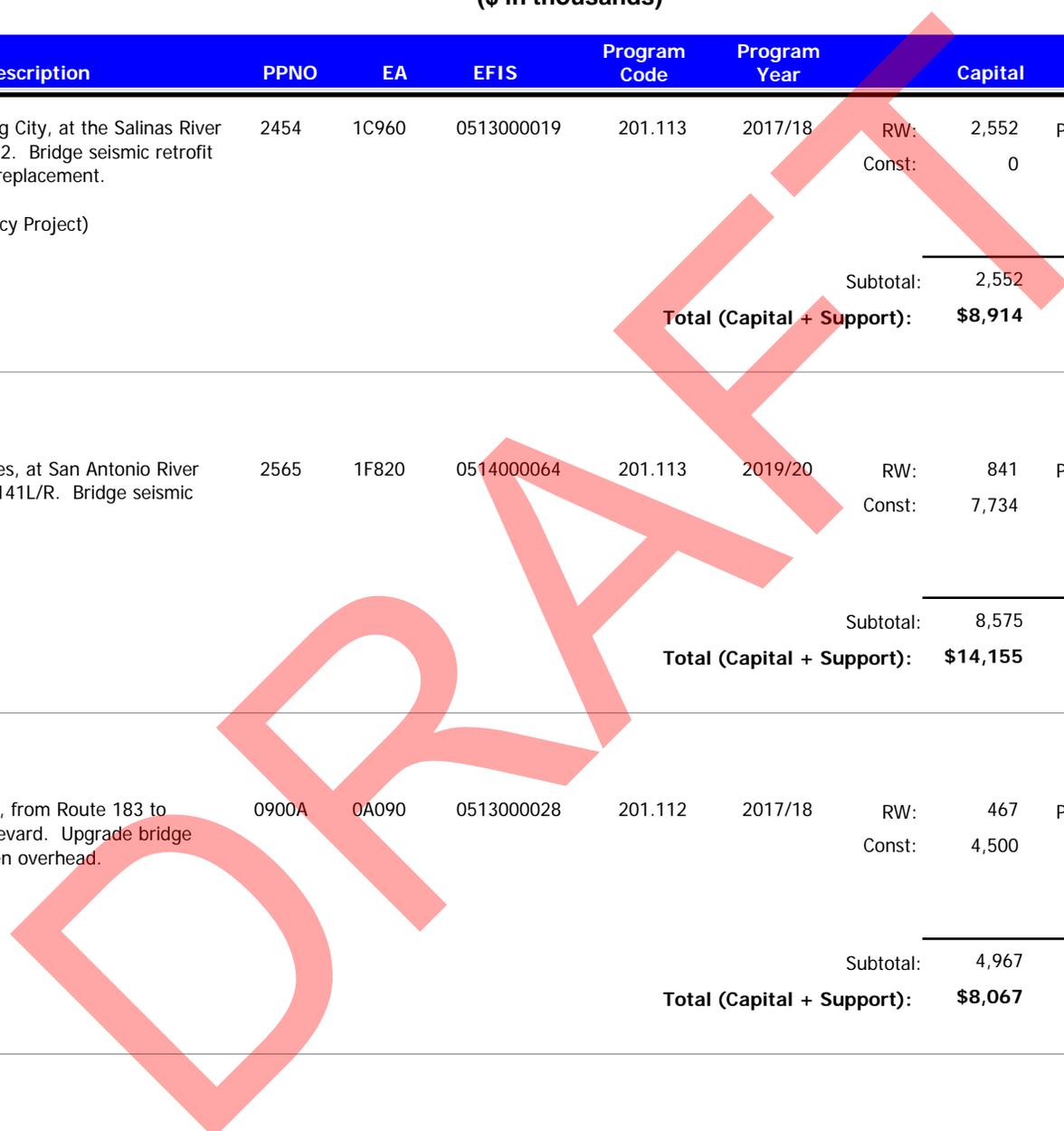
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
VAR		In Monterey, Santa Cruz and San Benito counties, on various routes at various locations. Replace and install advance curve warning signs.	2595	1G310	0514000140	201.015	2018/19	RW: 48 Const: 1,852	PA&ED: 754 PS&E: 1,044 RW: 35 Con: 552	PA&ED: 7/3/2018 RTL: 5/1/2019 RW Cert: 4/29/2019
								Subtotal:	1,900	2,385
								Total (Capital + Support):	\$4,285	
VAR		In and near Carmel, Monterey, and Seaside, on Routes 1 and 68 at various locations. Roadside maintenance safety improvements.	2458	1C990	0513000022	201.235	2017/18	RW: 14 Const: 2,913	PA&ED: 637 PS&E: 1,000 RW: 11 Con: 796	PA&ED: 1/21/2016 RTL: 9/27/2017 RW Cert: 3/21/2017
								Subtotal:	2,927	2,444
								Total (Capital + Support):	\$5,371	
BRIDGE PRESERVATION										
101	62.1/63.2	Near Soledad, from Route 146 to Front Street at the North Soledad Overhead No. 44-91R. Rehabilitate bridge.	9700	0F970	0513000017	201.110	2017/18	RW: 1,578 Const: 6,674	PA&ED: 34 PS&E: 1,416 RW: 58 Con: 1,392	PA&ED: 9/2/2014 RTL: 4/6/2018 RW Cert: 3/2/2018
								Subtotal:	8,252	2,900
								Total (Capital + Support):	\$11,152	



2016 SHOPP V3.0 Project List Monterey (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones
101	R41.4/R41.8	In and near King City, at the Salinas River Bridge No 44- 32. Bridge seismic retrofit and bridge rail replacement. (G13 Contingency Project)	2454	1C960	0513000019	201.113	2017/18	RW: 2,552 Const: 0	PA&ED: 1,487 PS&E: 4,795 RW: 80 Con: 0	PA&ED: 3/30/2017 RTL: 5/24/2018 RW Cert: 4/23/2018	
								Subtotal:	2,552	6,362	
								Total (Capital + Support):	\$8,914		
101	R6.7	Near Paso Robles, at San Antonio River Bridge No 44-0141L/R. Bridge seismic restoration.	2565	1F820	0514000064	201.113	2019/20	RW: 841 Const: 7,734	PA&ED: 1,529 PS&E: 1,800 RW: 15 Con: 2,236	PA&ED: 8/9/2018 RTL: 4/1/2020 RW Cert: 1/2/2020	
								Subtotal:	8,575	5,580	
								Total (Capital + Support):	\$14,155		
156	R1.1/R2.1	Near Castroville, from Route 183 to Castroville Boulevard. Upgrade bridge railing and widen overhead.	0900A	0A090	0513000028	201.112	2017/18	RW: 467 Const: 4,500	PA&ED: 70 PS&E: 1,800 RW: 130 Con: 1,100	PA&ED: 9/2/2014 RTL: 4/3/2018 RW Cert: 1/11/2018	
								Subtotal:	4,967	3,100	
								Total (Capital + Support):	\$8,067		



2016 SHOPP V3.0 Project List Monterey (\$ in thousands)



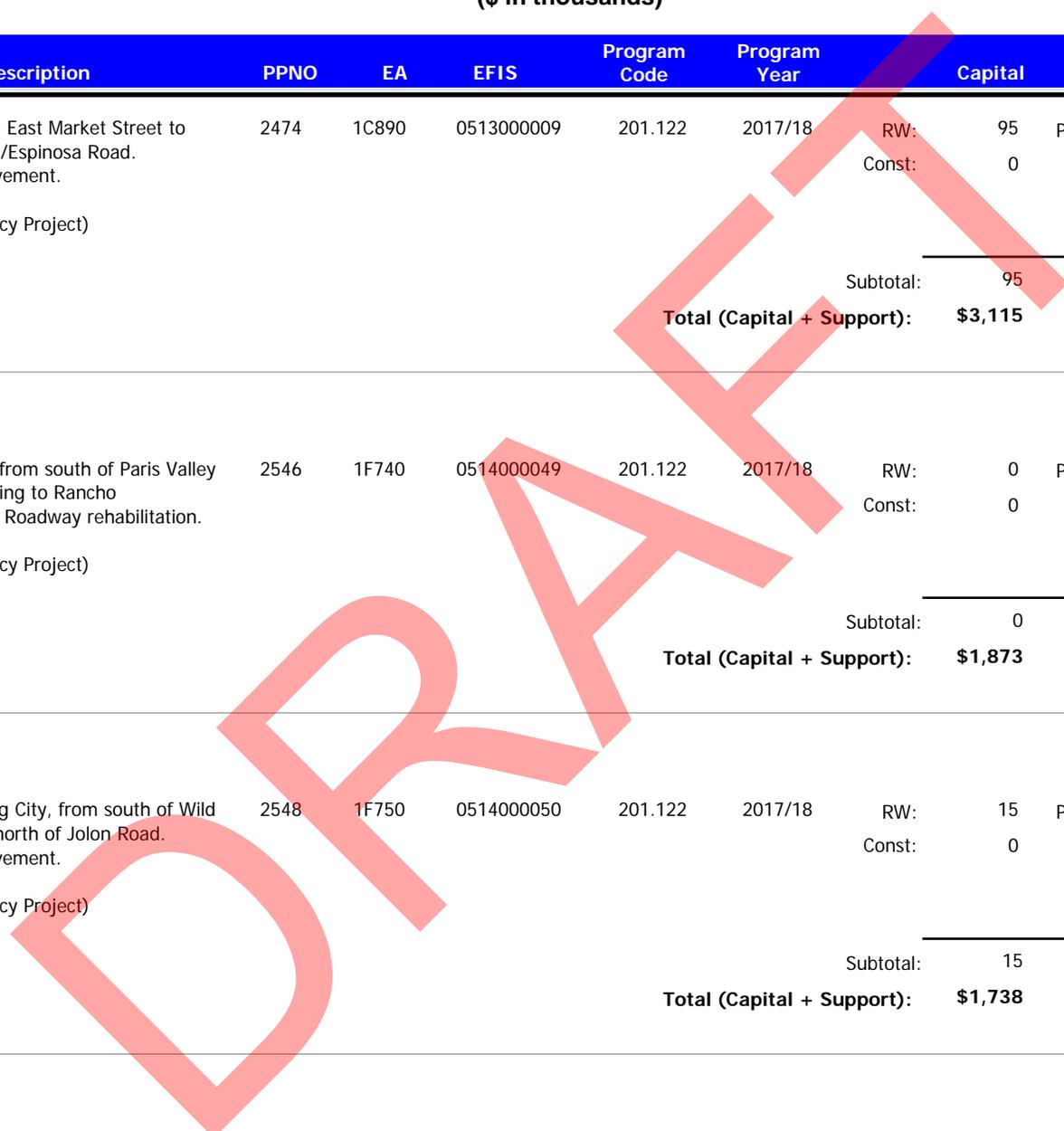
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
1	2.5/67.3	South of Carmel, at seven (7) locations from north of the San Luis Obispo County line to south of Malpaso Creek Bridge. Rehabilitate and/or replace culverts.	2478	1F080	0513000052	201.151	2017/18	RW:	84	PA&ED:	672	PA&ED:	4/1/2016
								Const:	3,279	PS&E:	1,154	RTL:	4/9/2018
										RW:	288	RW Cert:	3/29/2018
										Con:	783		
								Subtotal:	3,363		2,897		
								Total (Capital + Support):	\$6,260				
1	20.4	Near Lucia, at 0.6 mile south of Limekiln Creek Bridge. Replace culvert.	2230	0Q500	0500020288	201.151	2019/20	RW:	23	PA&ED:	936	PA&ED:	7/1/2018
								Const:	1,527	PS&E:	1,124	RTL:	2/3/2020
										RW:	113	RW Cert:	10/28/2019
										Con:	575		
								Subtotal:	1,550		2,748		
								Total (Capital + Support):	\$4,298				
101	73.8/87.3	In and near Salinas, from north of North Gonzales Overcrossing to East Market Street. Pavement rehabilitation.	2540	1F700	0514000055	201.121	2018/19	RW:	70	PA&ED:	0	PA&ED:	7/1/2016
								Const:	19,400	PS&E:	2,100	RTL:	10/29/2018
										RW:	90	RW Cert:	4/4/2018
										Con:	2,300		
								Subtotal:	19,470		4,490		
								Total (Capital + Support):	\$23,960				



**2016 SHOPP V3.0 Project List
Monterey
(\$ in thousands)**



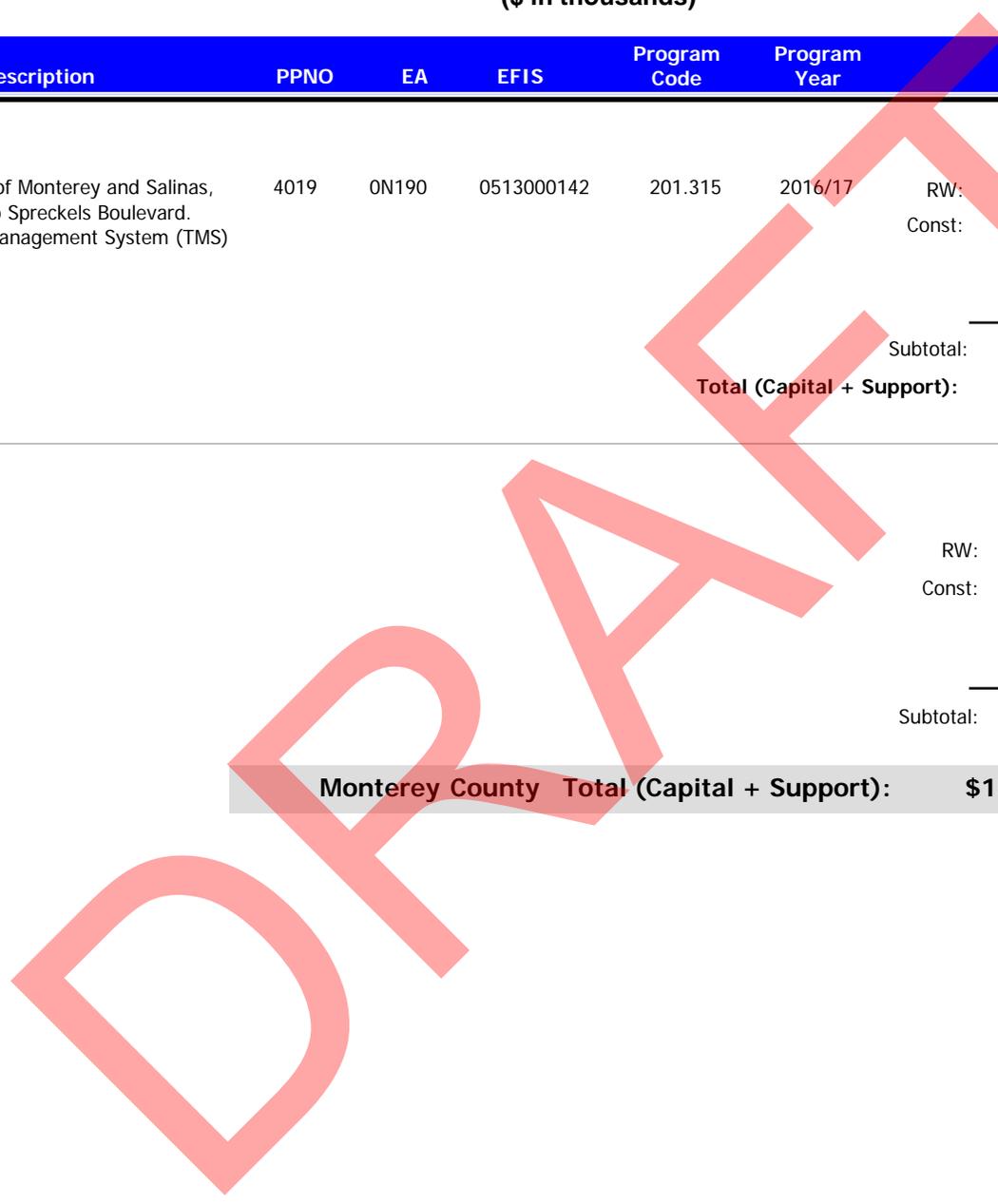
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
101	87.3/R91.5	In Salinas, from East Market Street to south of Russell/Espinosa Road. Rehabilitate pavement. (G13 Contingency Project)	2474	1C890	0513000009	201.122	2017/18	RW:	95	PA&ED:	780	PA&ED:	2/24/2016
								Const:	0	PS&E:	2,060	RTL:	1/23/2018
										RW:	180	RW Cert:	12/28/2017
										Con:	0		
								Subtotal:	95		3,020		
Total (Capital + Support):								\$3,115					
101	R28.0/R30.6	Near King City, from south of Paris Valley Road Overcrossing to Rancho Undercrossing. Roadway rehabilitation. (G13 Contingency Project)	2546	1F740	0514000049	201.122	2017/18	RW:	0	PA&ED:	11	PA&ED:	8/8/2016
								Const:	0	PS&E:	1,820	RTL:	12/7/2018
										RW:	42	RW Cert:	8/1/2018
										Con:	0		
								Subtotal:	0		1,873		
Total (Capital + Support):								\$1,873					
101	R36.9/43.2	In and near King City, from south of Wild Horse Road to north of Jolon Road. Rehabilitate pavement. (G13 Contingency Project)	2548	1F750	0514000050	201.122	2017/18	RW:	15	PA&ED:	0	PA&ED:	3/2/2015
								Const:	0	PS&E:	1,663	RTL:	6/1/2018
										RW:	60	RW Cert:	12/9/2016
										Con:	0		
								Subtotal:	15		1,723		
Total (Capital + Support):								\$1,738					



2016 SHOPP V3.0 Project List Monterey (\$ in thousands)



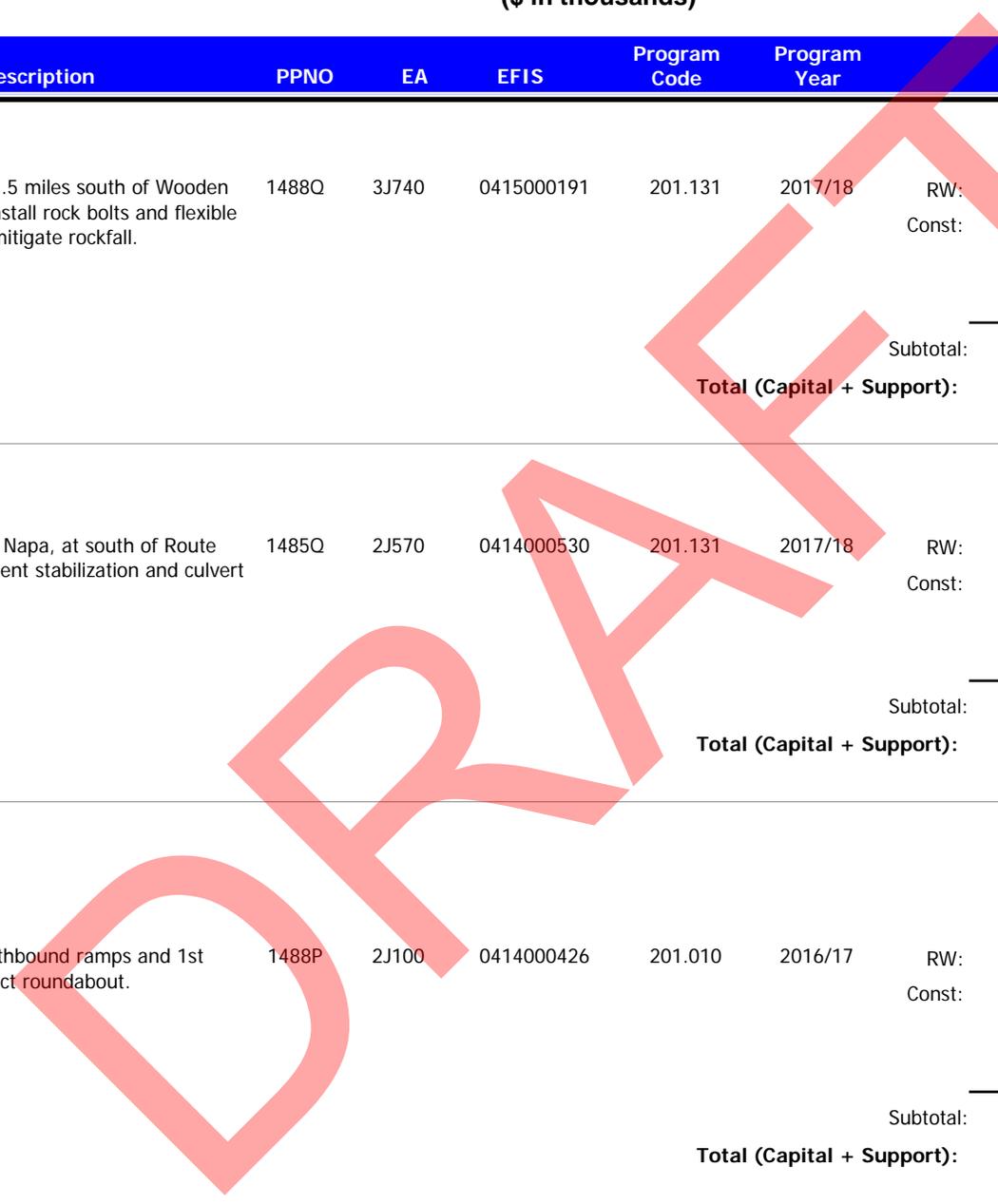
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MOBILITY													
68	L4.0/R18.1	Near the cities of Monterey and Salinas, from Route 1 to Spreckels Boulevard. Install Traffic Management System (TMS) elements.	4019	ON190	0513000142	201.315	2016/17	RW:	200	PA&ED:	260	PA&ED:	10/5/2015
								Const:	3,220	PS&E:	480	RTL:	6/1/2017
										RW:	100	RW Cert:	1/18/2017
										Con:	290		
								Subtotal:	3,420		1,130		
								Total (Capital + Support):	\$4,550				
<hr/>													
								RW:	7,078	PA&ED:	14,881		
								Const:	86,379	PS&E:	30,212		
										RW:	2,569		
										Con:	18,492		
								Subtotal:	93,457		66,154		
								Monterey County Total (Capital + Support):	\$159,611				



2016 SHOPP V3.0 Project List Napa (\$ in thousands)



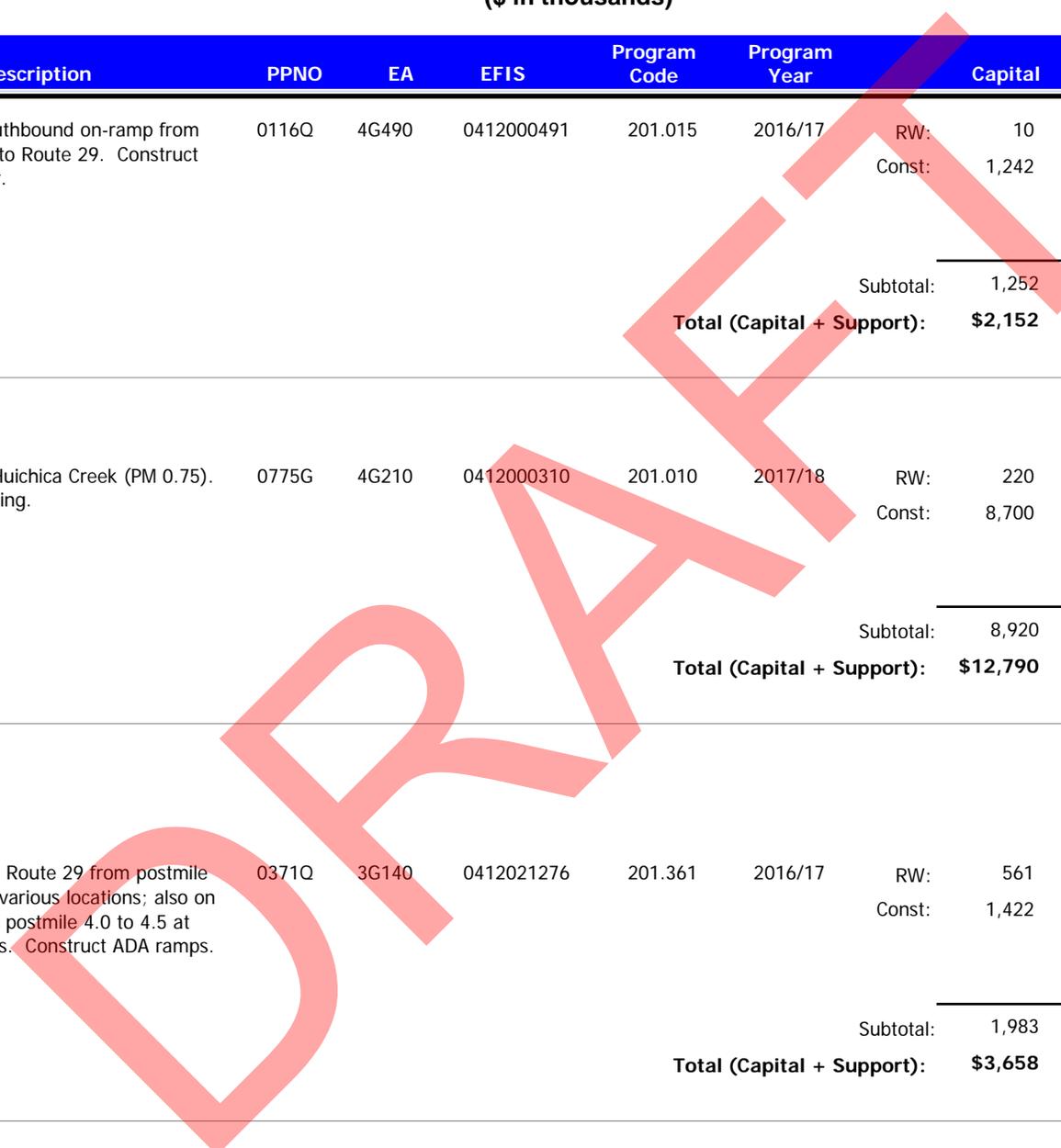
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
121	14.8	Near Napa, at 1.5 miles south of Wooden Valley Road. Install rock bolts and flexible cable mesh to mitigate rockfall.	1488Q	3J740	0415000191	201.131	2017/18	RW:	144	PA&ED:	400	PA&ED:	6/1/2017
								Const:	891	PS&E:	360	RTL:	9/1/2017
										RW:	85	RW Cert:	6/1/2017
								Con:		190			
								Subtotal:	1,035		1,035		
								Total (Capital + Support):	\$2,070				
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121	20.5/20.7	Near the city of Napa, at south of Route 128. Embankment stabilization and culvert repair.	1485Q	2J570	0414000530	201.131	2017/18	RW:	65	PA&ED:	372	PA&ED:	5/23/2017
								Const:	1,822	PS&E:	427	RTL:	6/1/2018
										RW:	42	RW Cert:	5/1/2018
								Con:		295			
								Subtotal:	1,887		1,136		
								Total (Capital + Support):	\$3,023				
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COLLISION REDUCTION													
29	11.4	In Napa, at northbound ramps and 1st Street. Construct roundabout.	1488P	2J100	0414000426	201.010	2016/17	RW:	280	PA&ED:	0	PA&ED:	2/15/2016
								Const:	3,780	PS&E:	250	RTL:	5/12/2017
										RW:	0	RW Cert:	2/10/2017
								Con:		1,144			
								Subtotal:	4,060		1,394		
								Total (Capital + Support):	\$5,454				



**2016 SHOPP V3.0 Project List
Napa
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
29	11.9	In Napa, on southbound on-ramp from Solano Avenue to Route 29. Construct concrete barrier.	0116Q	4G490	0412000491	201.015	2016/17	RW:	10	PA&ED:	306	PA&ED:	12/18/2015
								Const:	1,242	PS&E:	486	RTL:	2/28/2017
										RW:	18	RW Cert:	2/28/2017
										Con:	90		
								Subtotal:	1,252		900		
Total (Capital + Support):								\$2,152					
121	0.7	Near Napa, at Huichica Creek (PM 0.75). Roadway widening.	0775G	4G210	0412000310	201.010	2017/18	RW:	220	PA&ED:	1,350	PA&ED:	12/30/2016
								Const:	8,700	PS&E:	1,530	RTL:	6/1/2018
										RW:	90	RW Cert:	6/1/2018
										Con:	900		
								Subtotal:	8,920		3,870		
Total (Capital + Support):								\$12,790					
MANDATES													
29	36.9/4.0	In Calistoga, on Route 29 from postmile 36.9 to 38.0 at various locations; also on Route 128 from postmile 4.0 to 4.5 at various locations. Construct ADA ramps.	0371Q	3G140	0412021276	201.361	2016/17	RW:	561	PA&ED:	700	PA&ED:	3/15/2016
								Const:	1,422	PS&E:	500	RTL:	6/1/2017
										RW:	175	RW Cert:	6/1/2017
										Con:	300		
								Subtotal:	1,983		1,675		
Total (Capital + Support):								\$3,658					



2016 SHOPP V3.0 Project List Napa (\$ in thousands)



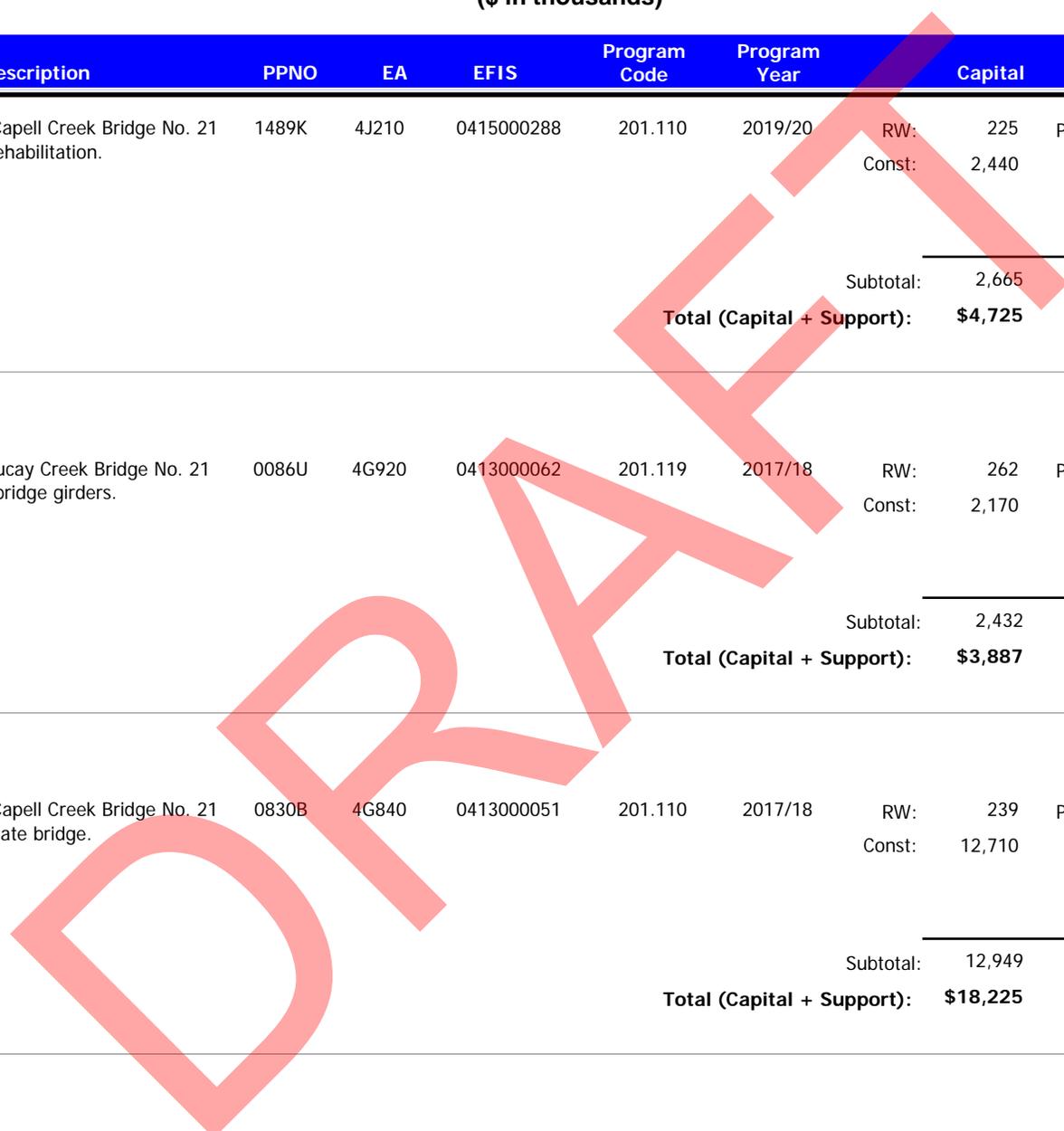
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
29	32.1/42.8	In and near Saint Helena and Calistoga, at Mill Creek Bridge No. 21-0056, Garnett Creek Branch Bridge No. 21-0111, and No Name Creek Bridge No. 21-0100. Bridge preventive maintenance.	1482P	2J770	0415000003	201.119	2019/20	RW:	495	PA&ED:	900	PA&ED:	12/1/2018
								Const:	2,844	PS&E:	710	RTL:	6/30/2020
										RW:	236	RW Cert:	6/1/2020
										Con:	850		
								Subtotal:	3,339		2,696		
								Total (Capital + Support):	\$6,035				
29	39.1	Near Calistoga, at Garnett Creek Bridge No. 21-0005. Bridge preventative maintenance.	1483E	2J880	0415000021	201.119	2019/20	RW:	317	PA&ED:	1,320	PA&ED:	9/1/2018
								Const:	1,100	PS&E:	1,100	RTL:	6/1/2020
										RW:	330	RW Cert:	6/1/2020
										Con:	1,100		
								Subtotal:	1,417		3,850		
								Total (Capital + Support):	\$5,267				
29	47.0/47.2	Near Calistoga, at Troutdale Creek Bridge #21-0004. Plant establishment.	0382E	4A09A	0415000012	201.111	2016/17	RW:	5	PA&ED:	0	PA&ED:	7/28/2013
								Const:	100	PS&E:	90	RTL:	11/28/2016
										RW:	5	RW Cert:	11/14/2016
										Con:	80		
								Subtotal:	105		175		
								Total (Capital + Support):	\$280				



**2016 SHOPP V3.0 Project List
Napa
(\$ in thousands)**



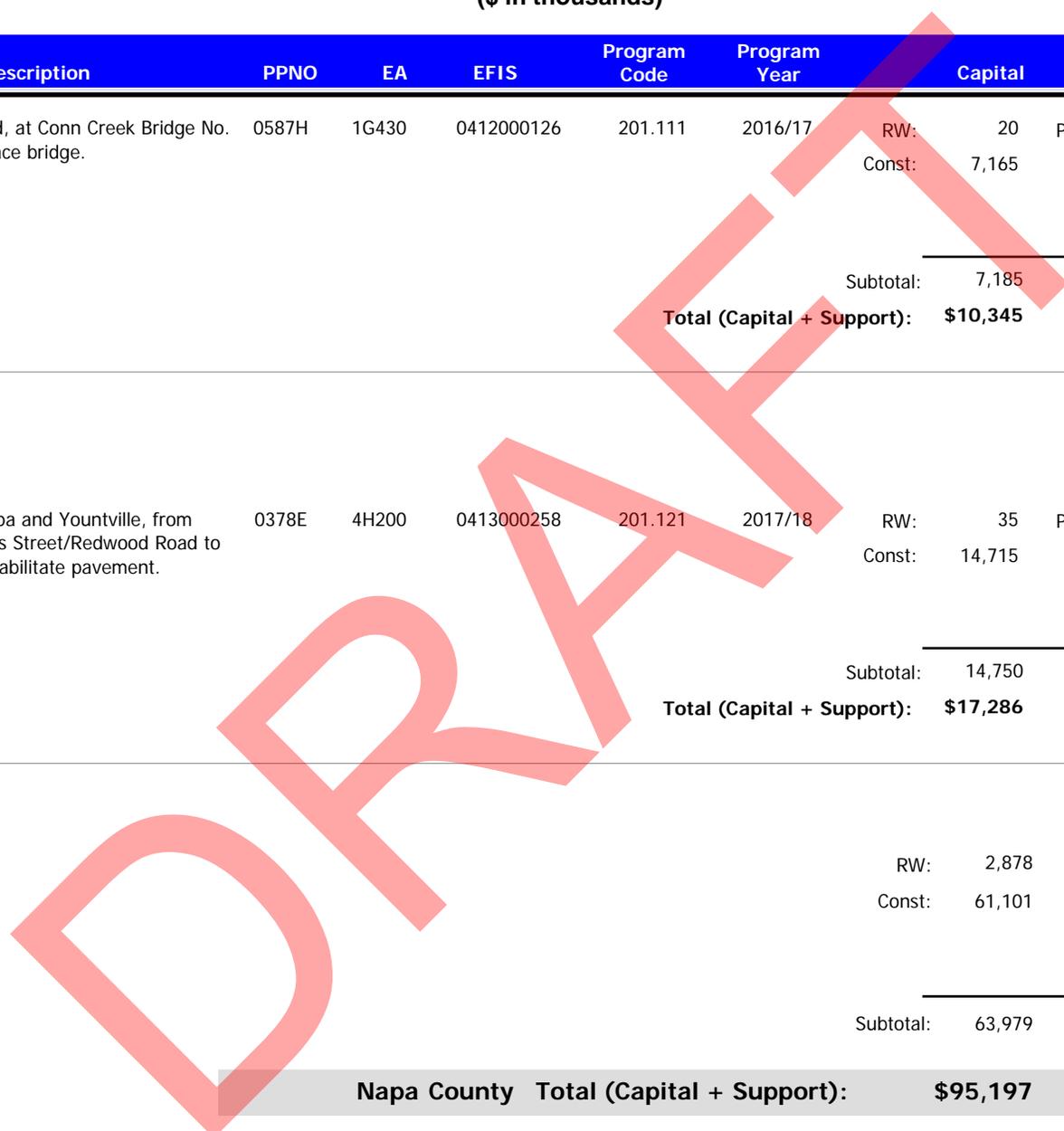
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
121	18.6	Near Napa, at Capell Creek Bridge No. 21 -0064. Bridge rehabilitation.	1489K	4J210	0415000288	201.110	2019/20	RW:	225	PA&ED:	490	PA&ED:	12/1/2018
								Const:	2,440	PS&E:	735	RTL:	6/30/2020
										RW:	100	RW Cert:	6/1/2020
										Con:	735		
								Subtotal:	2,665		2,060		
Total (Capital + Support):								\$4,725					
121	6.4	In Napa, at Tulucay Creek Bridge No. 21 -0003. Repair bridge girders.	0086U	4G920	0413000062	201.119	2017/18	RW:	262	PA&ED:	378	PA&ED:	12/2/2016
								Const:	2,170	PS&E:	357	RTL:	6/1/2018
										RW:	208	RW Cert:	6/1/2018
										Con:	512		
								Subtotal:	2,432		1,455		
Total (Capital + Support):								\$3,887					
128	19.7/20.7	Near Napa, at Capell Creek Bridge No. 21 -0078. Rehabilitate bridge.	0830B	4G840	0413000051	201.110	2017/18	RW:	239	PA&ED:	1,560	PA&ED:	6/15/2016
								Const:	12,710	PS&E:	1,560	RTL:	4/30/2018
										RW:	216	RW Cert:	3/31/2018
										Con:	1,940		
								Subtotal:	12,949		5,276		
Total (Capital + Support):								\$18,225					



**2016 SHOPP V3.0 Project List
Napa
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
128	R7.4	Near Rutherford, at Conn Creek Bridge No. 21-0021. Replace bridge.	0587H	1G430	0412000126	201.111	2016/17	RW:	20	PA&ED:	960	PA&ED:	9/18/2015
								Const:	7,165	PS&E:	1,050	RTL:	4/3/2017
										RW:	150	RW Cert:	4/3/2017
										Con:	1,000		
								Subtotal:	7,185		3,160		
Total (Capital + Support):								\$10,345					
<hr/>													
ROADWAY PRESERVATION													
29	13.5/25.5	In and near Napa and Yountville, from north of Trancas Street/Redwood Road to Mee Lane. Rehabilitate pavement.	0378E	4H200	0413000258	201.121	2017/18	RW:	35	PA&ED:	510	PA&ED:	1/29/2016
								Const:	14,715	PS&E:	851	RTL:	8/1/2017
										RW:	35	RW Cert:	8/1/2017
										Con:	1,140		
								Subtotal:	14,750		2,536		
Total (Capital + Support):								\$17,286					
<hr/>													
								RW:	2,878	PA&ED:	9,246		
								Const:	61,101	PS&E:	10,006		
										RW:	1,690		
										Con:	10,276		
								Subtotal:	63,979		31,218		
Napa County Total (Capital + Support):								\$95,197					



**2016 SHOPP V3.0 Project List
Nevada
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
80	0.0/20.0	In and near Truckee, from east of Kingvale Undercrossing to west of Union Mills Bridge and Overhead. Replace guardrail with concrete barrier.	4288	4F600	0314000228	201.015	2018/19	RW:	62	PA&ED:	410	PA&ED:	8/1/2017
								Const:	6,220	PS&E:	660	RTL:	11/1/2018
										RW:	30	RW Cert:	10/15/2018
										Con:	770		
								Subtotal:	6,282		1,870		
								Total (Capital + Support):	\$8,152				
<hr/>													
174	2.7/4.6	Near Rollins Lake, from Maple Way to You Bet Road. Realign roadway curves.	4451	4F370	0314000152	201.010	2017/18	RW:	2,156	PA&ED:	1,700	PA&ED:	7/1/2016
								Const:	17,000	PS&E:	2,100	RTL:	2/1/2018
										RW:	2,300	RW Cert:	2/1/2018
										Con:	3,200		
								Subtotal:	19,156		9,300		
								Total (Capital + Support):	\$28,456				
<hr/>													
<u>MANDATES</u>													
174	9.7/10.1	In Grass Valley, from Park Street to Route 20. Upgrade pedestrian infrastructure to meet Americans with Disabilities Act (ADA) requirements.	4450	3F680	0313000047	201.361	2018/19	RW:	150	PA&ED:	180	PA&ED:	7/1/2017
								Const:	1,660	PS&E:	330	RTL:	1/2/2019
										RW:	86	RW Cert:	12/1/2018
										Con:	360		
								Subtotal:	1,810		956		
								Total (Capital + Support):	\$2,766				



2016 SHOPP V3.0 Project List Nevada (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
ROADWAY PRESERVATION												
49	23.2/R32.6	Near Nevada City, from 1.3 miles north of South Yuba River Bridge to Yuba County Line. Rehabilitate pavement.	4122	4F740	0314000265	201.121	2016/17	RW: 0 Const: 5,708	PA&ED: 465 PS&E: 485 RW: 60 Con: 1,065	PA&ED: 465 RTL: 9/1/2016 RW Cert: 9/1/2016	2/1/2016 9/1/2016 9/1/2016	
								Subtotal:	5,708	2,075		
								Total (Capital + Support):	\$7,783			
<hr/>												
80	29.1/29.4	Near Truckee, from east of Floriston Road to west of Farad Undercrossing. Stabilize cut-slope.	4287	3F250	0312000133	201.150	2018/19	RW: 200 Const: 9,690	PA&ED: 570 PS&E: 840 RW: 110 Con: 1,110	PA&ED: 570 RTL: 10/1/2018 RW Cert: 9/1/2018	8/1/2017 10/1/2018 9/1/2018	
								Subtotal:	9,890	2,630		
								Total (Capital + Support):	\$12,520			
<hr/>												
MOBILITY												
49	VAR	In various counties on various routes at various locations. Repair and install vehicle census count stations.	4125	0H420	0315000166	201.315	2019/20	RW: 30 Const: 9,200	PA&ED: 1,000 PS&E: 1,000 RW: 180 Con: 1,800	PA&ED: 1,000 RTL: 10/1/2019 RW Cert: 9/1/2019	1/1/2019 10/1/2019 9/1/2019	
								Subtotal:	9,230	3,980		
								Total (Capital + Support):	\$13,210			



**2016 SHOPP V3.0 Project List
Nevada
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
FACILITIES											
80	19.0/19.4	In Truckee, at the Donner Pass Inspection Facility; also in Nevada County at Floriston, at the Floriston sand and salt houses (PM 27.4). Construct new sand/salt house and demolish existing.	4296	3F920	0313000239	201.352	2018/19	RW: 17 Const: 2,478	PA&ED: 0 PS&E: 100 RW: 80 Con: 625	PA&ED: 6/1/2016 RTL: 7/1/2018 RW Cert: 6/25/2018	
								Subtotal:	2,495	805	
								Total (Capital + Support):	\$3,300		
								RW:	2,615	PA&ED:	4,325
								Const:	51,956	PS&E:	5,515
										RW:	2,846
										Con:	8,930
								Subtotal:	54,571		21,616
								Nevada County Total (Capital + Support):	\$76,187		



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



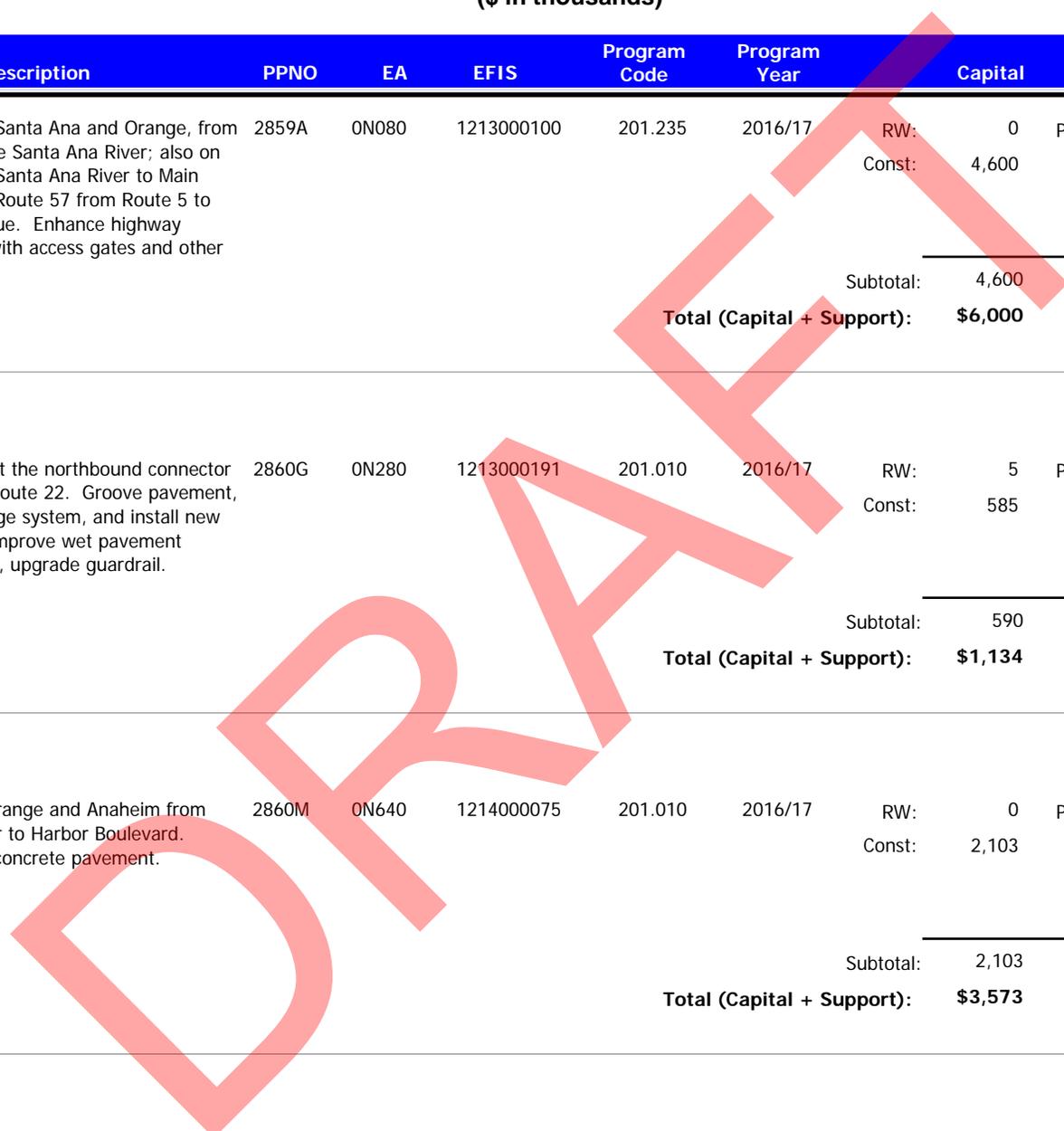
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
1	R18.4	In Newport Beach, at North Arm Newport Bay Bridge (No. 55-0614). Rebuild failed slope paving and bike trail and construct cut-off wall.	2382	ON910	1215000008	201.131	2016/17	RW:	30	PA&ED:	500	PA&ED:	10/1/2015
								Const:	1,183	PS&E:	700	RTL:	7/5/2016
										RW:	0	RW Cert:	6/16/2016
										Con:	400		
								Subtotal:	1,213		1,600		
								Total (Capital + Support):	\$2,813				
COLLISION REDUCTION													
1	24.3	In Huntington Beach, at Huntington Street. Modify traffic signal and add additional lighting.	2442	OP020	1215000023	201.010	2016/17	RW:	98	PA&ED:	190	PA&ED:	3/17/2016
								Const:	627	PS&E:	330	RTL:	7/20/2017
										RW:	200	RW Cert:	7/20/2017
										Con:	280		
								Subtotal:	725		1,000		
								Total (Capital + Support):	\$1,725				
5	31.0/33.3	In Santa Ana, from south of 4th Street to Broadway. Roadside safety improvements.	2841	ON510	1214000054	201.235	2018/19	RW:	0	PA&ED:	285	PA&ED:	4/1/2018
								Const:	1,900	PS&E:	390	RTL:	4/1/2019
										RW:	0	RW Cert:	3/1/2019
										Con:	325		
								Subtotal:	1,900		1,000		
								Total (Capital + Support):	\$2,900				



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



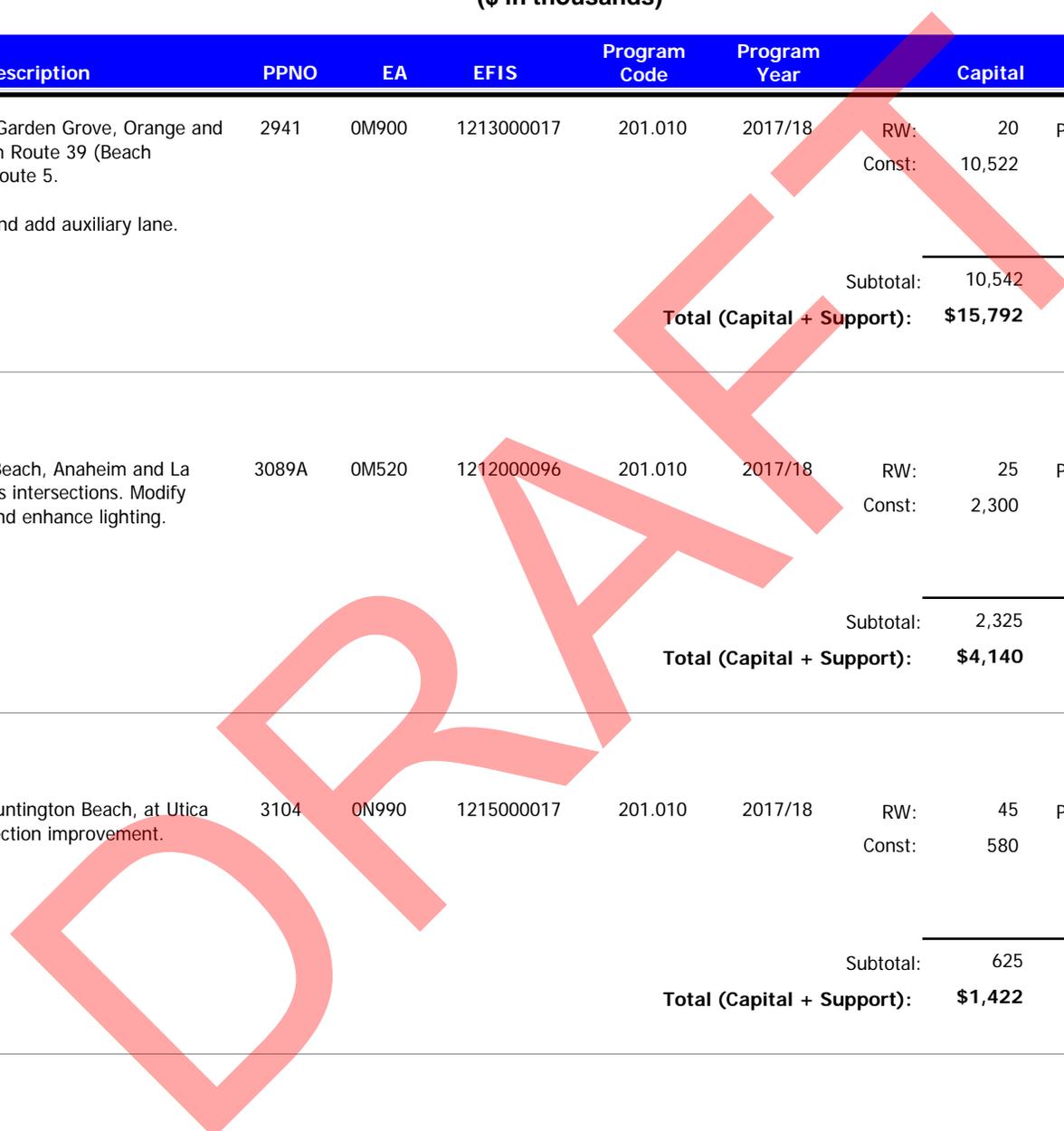
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
5	33.3/34.5	In the cities of Santa Ana and Orange, from Broadway to the Santa Ana River; also on Route 22 from Santa Ana River to Main Street, and on Route 57 from Route 5 to Chapman Avenue. Enhance highway worker safety with access gates and other measures.	2859A	ON080	1213000100	201.235	2016/17	RW:	0	PA&ED:	270	PA&ED:	2/1/2016
								Const:	4,600	PS&E:	490	RTL:	2/1/2017
										RW:	90	RW Cert:	11/1/2016
										Con:	550		
								Subtotal:	4,600		1,400		
Total (Capital + Support):									\$6,000				
5	33.7	In Santa Ana, at the northbound connector to westbound Route 22. Groove pavement, upgrade drainage system, and install new delineation to improve wet pavement conditions. Also, upgrade guardrail.	2860G	ON280	1213000191	201.010	2016/17	RW:	5	PA&ED:	30	PA&ED:	8/1/2015
								Const:	585	PS&E:	283	RTL:	11/1/2016
										RW:	11	RW Cert:	8/1/2016
										Con:	220		
								Subtotal:	590		544		
Total (Capital + Support):									\$1,134				
5	34.5/37.4	In the city of Orange and Anaheim from Santa Ana River to Harbor Boulevard. Groove existing concrete pavement.	2860M	ON640	1214000075	201.010	2016/17	RW:	0	PA&ED:	130	PA&ED:	4/1/2016
								Const:	2,103	PS&E:	690	RTL:	6/20/2017
										RW:	0	RW Cert:	5/10/2017
										Con:	650		
								Subtotal:	2,103		1,470		
Total (Capital + Support):									\$3,573				



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
22	R3.9/R10.8	In the cities of Garden Grove, Orange and Santa Ana, from Route 39 (Beach Boulevard) to Route 5. Modify ramps and add auxiliary lane.	2941	0M900	1213000017	201.010	2017/18	RW:	20	PA&ED:	950	PA&ED:	3/15/2017
								Const:	10,522	PS&E:	2,000	RTL:	6/15/2018
										RW:	200	RW Cert:	5/15/2018
										Con:	2,100		
								Subtotal:	10,542		5,250		
Total (Capital + Support):									\$15,792				
39	0.6/22.2	In Huntington Beach, Anaheim and La Habra at various intersections. Modify traffic signals and enhance lighting.	3089A	0M520	1212000096	201.010	2017/18	RW:	25	PA&ED:	0	PA&ED:	5/20/2015
								Const:	2,300	PS&E:	855	RTL:	8/30/2017
										RW:	15	RW Cert:	8/11/2017
										Con:	945		
								Subtotal:	2,325		1,815		
Total (Capital + Support):									\$4,140				
39	1.8	In the city of Huntington Beach, at Utica Avenue. Intersection improvement.	3104	0N990	1215000017	201.010	2017/18	RW:	45	PA&ED:	117	PA&ED:	6/5/2016
								Const:	580	PS&E:	293	RTL:	4/4/2018
										RW:	94	RW Cert:	10/27/2017
										Con:	293		
								Subtotal:	625		797		
Total (Capital + Support):									\$1,422				



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
39	5.7	In Huntington Beach at Center Avenue; also in Buena Park, at Route 91 off ramps (PM 14.4). Improve lighting and modify traffic signals.	3143A	ON710	1214000092	201.010	2016/17	RW:	20	PA&ED:	164	PA&ED:	1/5/2016
								Const:	844	PS&E:	445	RTL:	1/4/2017
										RW:	0	RW Cert:	11/28/2016
										Con:	609		
								Subtotal:	864		1,218		
Total (Capital + Support):									\$2,082				
55	12.0/13.4	In the cities of Orange and Tustin, from north of 17th Street to north of La Veta Avenue. Roadside safety improvements.	3573	ON500	1214000053	201.235	2018/19	RW:	0	PA&ED:	285	PA&ED:	10/1/2017
								Const:	1,900	PS&E:	390	RTL:	10/1/2018
										RW:	0	RW Cert:	9/1/2018
										Con:	325		
								Subtotal:	1,900		1,000		
Total (Capital + Support):									\$2,900				
55	13.2/R17.8	In the city of Orange, from La Veta Avenue to Route 91. Roadside safety improvements.	3535	ON530	1214000056	201.235	2019/20	RW:	0	PA&ED:	300	PA&ED:	4/1/2019
								Const:	2,000	PS&E:	440	RTL:	4/1/2020
										RW:	0	RW Cert:	3/1/2020
										Con:	360		
								Subtotal:	2,000		1,100		
Total (Capital + Support):									\$3,100				



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



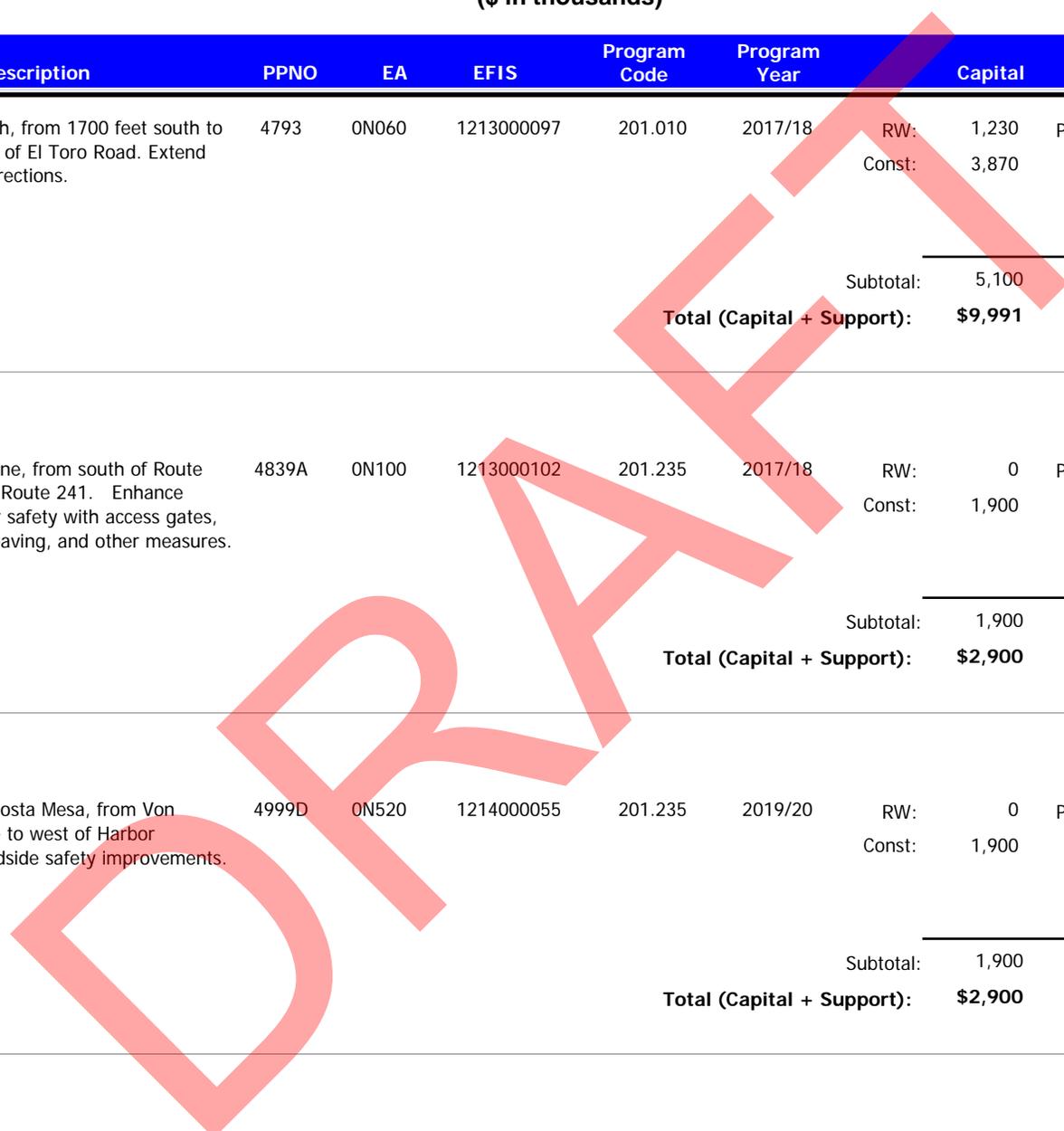
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
73	10.0/28.0	In the cities of San Juan Capistrano, Laguna Niguel, Laguna Hills, Aliso Viejo, Laguna Beach, Irvine, Newport Beach, and Costa Mesa from Route 5 to Route 405. Upgrade highway safety features.	4051A	ON720	1214000093	201.015	2019/20	RW:	0	PA&ED:	730	PA&ED:	8/4/2017
								Const:	16,500	PS&E:	2,600	RTL:	8/9/2019
										RW:	58	RW Cert:	5/15/2019
										Con:	3,200		
								Subtotal:	16,500		6,588		
Total (Capital + Support):									\$23,088				
91	5.2/6.4	In Anaheim and Placentia from State College boulevard to La Palma Avenue; also on Route 57 from south of La Palma Avenue to south of Orangethorpe Avenue. Enhance highway worker safety with access gates, miscellaneous paving and other measures.	4558A	ON090	1213000101	201.235	2017/18	RW:	0	PA&ED:	200	PA&ED:	8/1/2016
								Const:	3,400	PS&E:	340	RTL:	10/1/2017
										RW:	60	RW Cert:	9/1/2017
										Con:	400		
								Subtotal:	3,400		1,000		
Total (Capital + Support):									\$4,400				
91	5.8/R9.3	In Anaheim, from east of S. State College Boulevard to west of S. Lakeview Avenue; also on various routes at various locations. Install safety lighting, upgrade guardrails and end treatments.	4595	OM610	1212000121	201.010	2016/17	RW:	30	PA&ED:	0	PA&ED:	
								Const:	5,180	PS&E:	1,674	RTL:	8/1/2016
										RW:	30	RW Cert:	4/1/2016
										Con:	1,240		
								Subtotal:	5,210		2,944		
Total (Capital + Support):									\$8,154				



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
133	3.1/3.6	In Laguna Beach, from 1700 feet south to 1300 feet north of El Toro Road. Extend lanes in both directions.	4793	ON060	1213000097	201.010	2017/18	RW:	1,230	PA&ED:	1,215	PA&ED:	2/1/2017
								Const:	3,870	PS&E:	1,820	RTL:	5/1/2018
										RW:	550	RW Cert:	4/30/2018
										Con:	1,306		
								Subtotal:	5,100		4,891		
Total (Capital + Support):									\$9,991				
133	R7.8/13.7	In and near Irvine, from south of Route 405 to north of Route 241. Enhance highway worker safety with access gates, miscellaneous paving, and other measures.	4839A	ON100	1213000102	201.235	2017/18	RW:	0	PA&ED:	200	PA&ED:	2/1/2017
								Const:	1,900	PS&E:	340	RTL:	4/1/2018
										RW:	60	RW Cert:	3/1/2018
										Con:	400		
								Subtotal:	1,900		1,000		
Total (Capital + Support):									\$2,900				
405	7.3/11.8	In Irvine, and Costa Mesa, from Von Karmen Avenue to west of Harbor Boulevard. Roadside safety improvements.	4999D	ON520	1214000055	201.235	2019/20	RW:	0	PA&ED:	285	PA&ED:	10/1/2018
								Const:	1,900	PS&E:	390	RTL:	10/1/2019
										RW:	0	RW Cert:	9/1/2019
										Con:	325		
								Subtotal:	1,900		1,000		
Total (Capital + Support):									\$2,900				



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



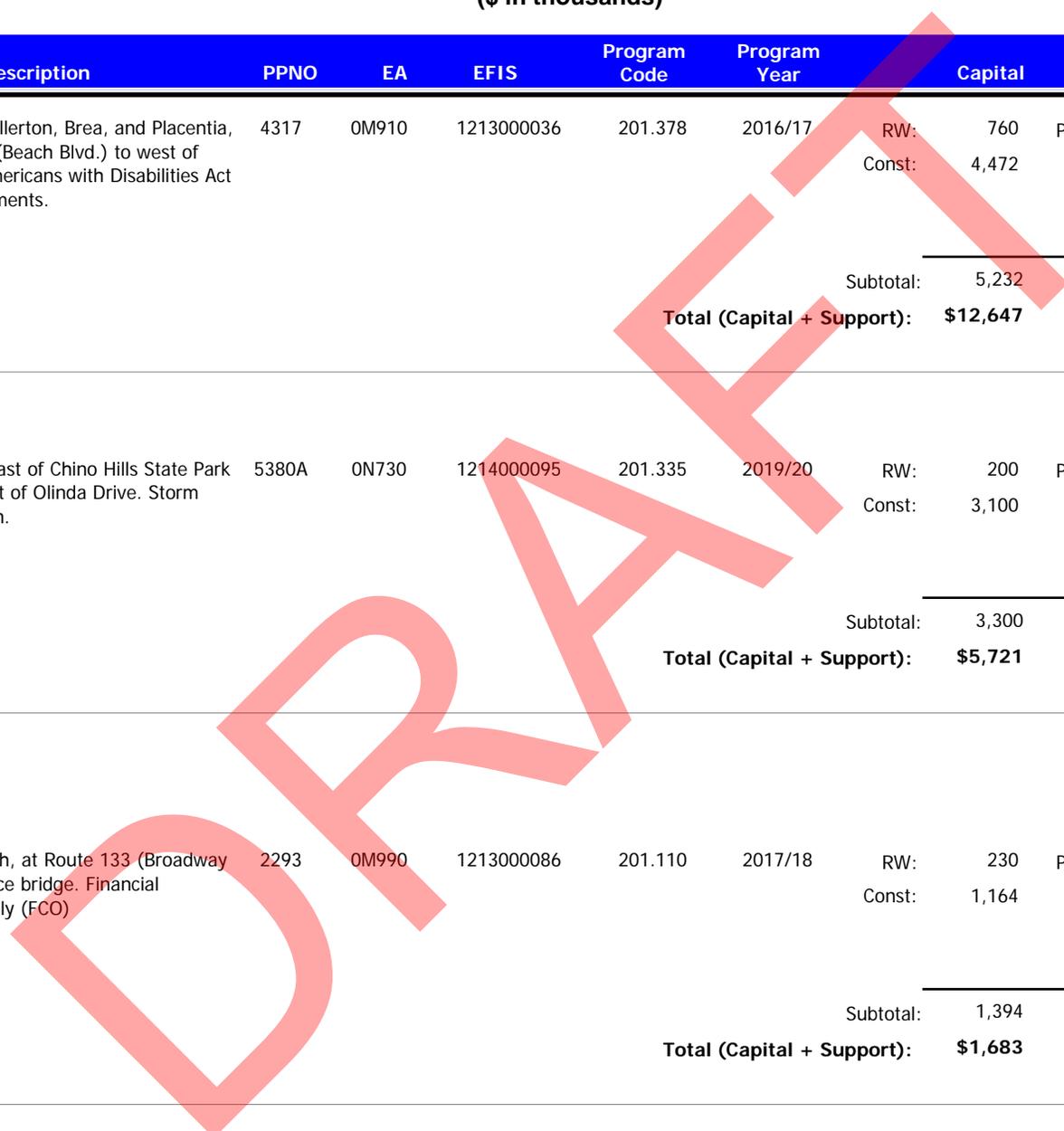
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
MANDATES												
1	11.6/11.9	Near Laguna Beach, from north of Irvine Cove Drive to Moro Ridge Road. Storm water mitigation.	2314	ON260	1213000186	201.335	2017/18	RW: 0 Const: 935	PA&ED: 200 PS&E: 470 RW: 10 Con: 335	PA&ED: 1/8/2016 RTL: 6/1/2017 RW Cert: 1/10/2017		
								Subtotal:	935	1,015		
								Total (Capital + Support):	\$1,950			
1	7.9/10.5	In Laguna Beach, from south of Ruby Street to Ledroit Street. Upgrade pedestrian facilities to Americans with Disabilities Act standards.	2300	OM820	1214000041	201.378	2019/20	RW: 815 Const: 3,566	PA&ED: 1,225 PS&E: 1,825 RW: 1,450 Con: 1,600	PA&ED: 12/1/2016 RTL: 2/2/2019 RW Cert: 1/1/2019		
								Subtotal:	4,381	6,100		
								Total (Capital + Support):	\$10,481			
5	10.1/10.6	In San Juan Capistrano, from El Horno Street to south of Junipero Serra Road; also in Irvine, from Route 133 to south of Sand Canyon Avenue (PM 23.2/R23.7). Reconstruct slopes and apply vegetation to control sediment transport.	2632A	OP090	1215000034	201.335	2019/20	RW: 0 Const: 2,729	PA&ED: 400 PS&E: 600 RW: 50 Con: 650	PA&ED: 10/1/2018 RTL: 2/1/2020 RW Cert: 12/1/2019		
								Subtotal:	2,729	1,700		
								Total (Capital + Support):	\$4,429			



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
90	0.6/8.0	In La Habra, Fullerton, Brea, and Placentia, from Route 39 (Beach Blvd.) to west of Rose Drive. Americans with Disabilities Act (ADA) improvements.	4317	0M910	1213000036	201.378	2016/17	RW:	760	PA&ED:	740	PA&ED:	10/30/2015
								Const:	4,472	PS&E:	2,605	RTL:	6/1/2017
										RW:	2,500	RW Cert:	5/1/2017
										Con:	1,570		
								Subtotal:	5,232		7,415		
Total (Capital + Support):									\$12,647				
<hr/>													
142	3.5/4.7	In Brea, from east of Chino Hills State Park entrance to east of Olinda Drive. Storm water mitigation.	5380A	0N730	1214000095	201.335	2019/20	RW:	200	PA&ED:	456	PA&ED:	3/1/2018
								Const:	3,100	PS&E:	800	RTL:	2/1/2020
										RW:	380	RW Cert:	1/1/2020
										Con:	785		
								Subtotal:	3,300		2,421		
Total (Capital + Support):									\$5,721				
<hr/>													
<u>BRIDGE PRESERVATION</u>													
1	9.3	In Laguna Beach, at Route 133 (Broadway Street). Replace bridge. Financial Contribution Only (FCO)	2293	0M990	1213000086	201.110	2017/18	RW:	230	PA&ED:	62	PA&ED:	8/1/2016
								Const:	1,164	PS&E:	103	RTL:	8/1/2017
										RW:	21	RW Cert:	8/1/2017
										Con:	103		
								Subtotal:	1,394		289		
Total (Capital + Support):									\$1,683				



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



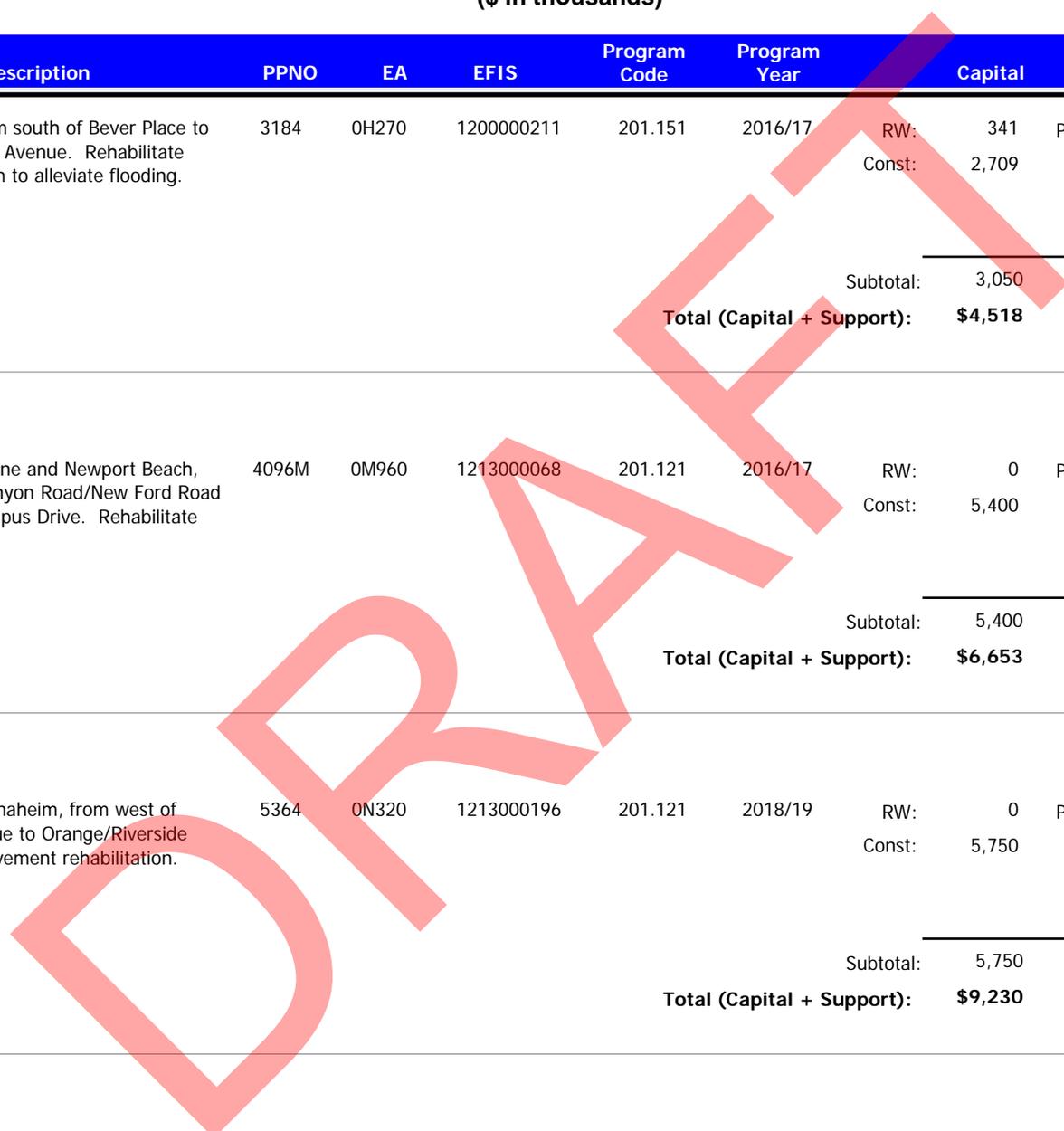
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
1	20.5/20.9	In Newport Beach, from north of Superior Avenue to 60th Street. Rehabilitate drainage system.	2403A	ON930	1215000009	201.151	2018/19	RW:	10	PA&ED:	250	PA&ED:	3/1/2017
								Const:	1,095	PS&E:	400	RTL:	7/1/2018
										RW:	0	RW Cert:	4/1/2018
										Con:	400		
								Subtotal:	1,105		1,050		
								Total (Capital + Support):	\$2,155				
22	R9.1	In Garden Grove, at Haster Street westbound off-ramp. Upgrade drainage system.	2948	ON920	1215000010	201.151	2019/20	RW:	100	PA&ED:	234	PA&ED:	8/1/2018
								Const:	1,149	PS&E:	410	RTL:	8/1/2019
										RW:	30	RW Cert:	6/1/2019
										Con:	468		
								Subtotal:	1,249		1,142		
								Total (Capital + Support):	\$2,391				
39	12.4/17.2	In Anaheim and Buena Park, at Lincoln Avenue (PM 12.4/12.9); at Route 91 (PM 14.3/14.5) and from Route 5 to Rosecrans Avenue (PM 15.1/17.4). Roadway rehabilitation (G13 Contingency Project)	3174	OJ400	1200020177	201.121	2016/17	RW:	36	PA&ED:	0	PA&ED:	2/17/2014
								Const:	0	PS&E:	1,251	RTL:	7/15/2016
										RW:	220	RW Cert:	5/26/2016
										Con:	0		
								Subtotal:	36		1,471		
								Total (Capital + Support):	\$1,507				



**2016 SHOPP V3.0 Project List
Orange
(\$ in thousands)**



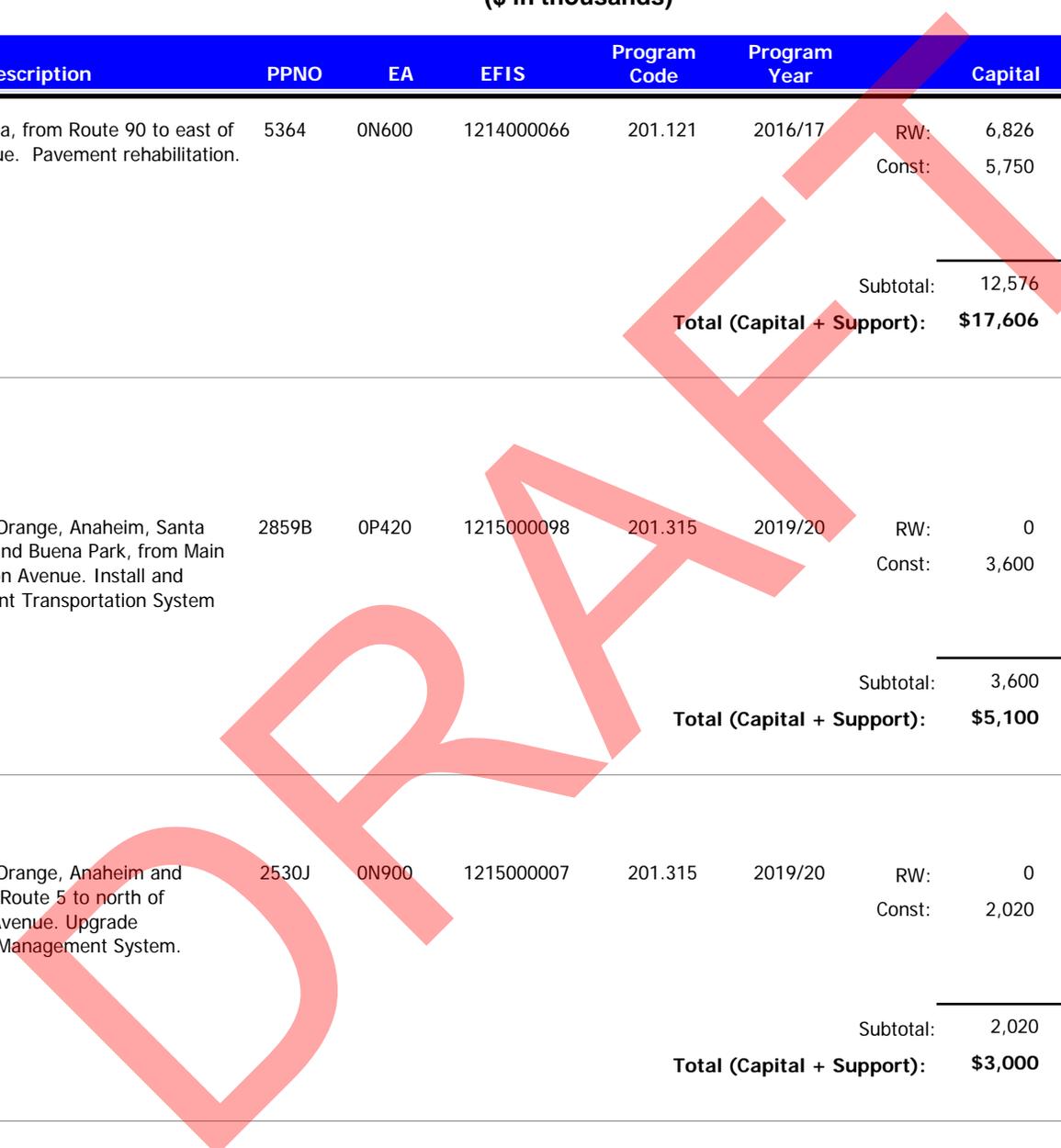
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
39	9.8/10.5	In Stanton, from south of Bever Place to south of Katella Avenue. Rehabilitate drainage system to alleviate flooding.	3184	0H270	1200000211	201.151	2016/17	RW:	341	PA&ED:	233	PA&ED:	6/25/2015
								Const:	2,709	PS&E:	550	RTL:	9/28/2016
										RW:	35	RW Cert:	8/16/2016
										Con:	650		
								Subtotal:	3,050		1,468		
Total (Capital + Support):								\$4,518					
73	22.5/R25.7	In and near Irvine and Newport Beach, from Bonita Canyon Road/New Ford Road to north of Campus Drive. Rehabilitate Pavement.	4096M	0M960	1213000068	201.121	2016/17	RW:	0	PA&ED:	0	PA&ED:	
								Const:	5,400	PS&E:	514	RTL:	1/3/2017
										RW:	49	RW Cert:	10/5/2016
										Con:	690		
								Subtotal:	5,400		1,253		
Total (Capital + Support):								\$6,653					
91	R9.8/R18.9	In the City of Anaheim, from west of Lakeview Avenue to Orange/Riverside County line. Pavement rehabilitation.	5364	0N320	1213000196	201.121	2018/19	RW:	0	PA&ED:	0	PA&ED:	6/3/2015
								Const:	5,750	PS&E:	1,740	RTL:	7/2/2018
										RW:	0	RW Cert:	5/1/2018
										Con:	1,740		
								Subtotal:	5,750		3,480		
Total (Capital + Support):								\$9,230					



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



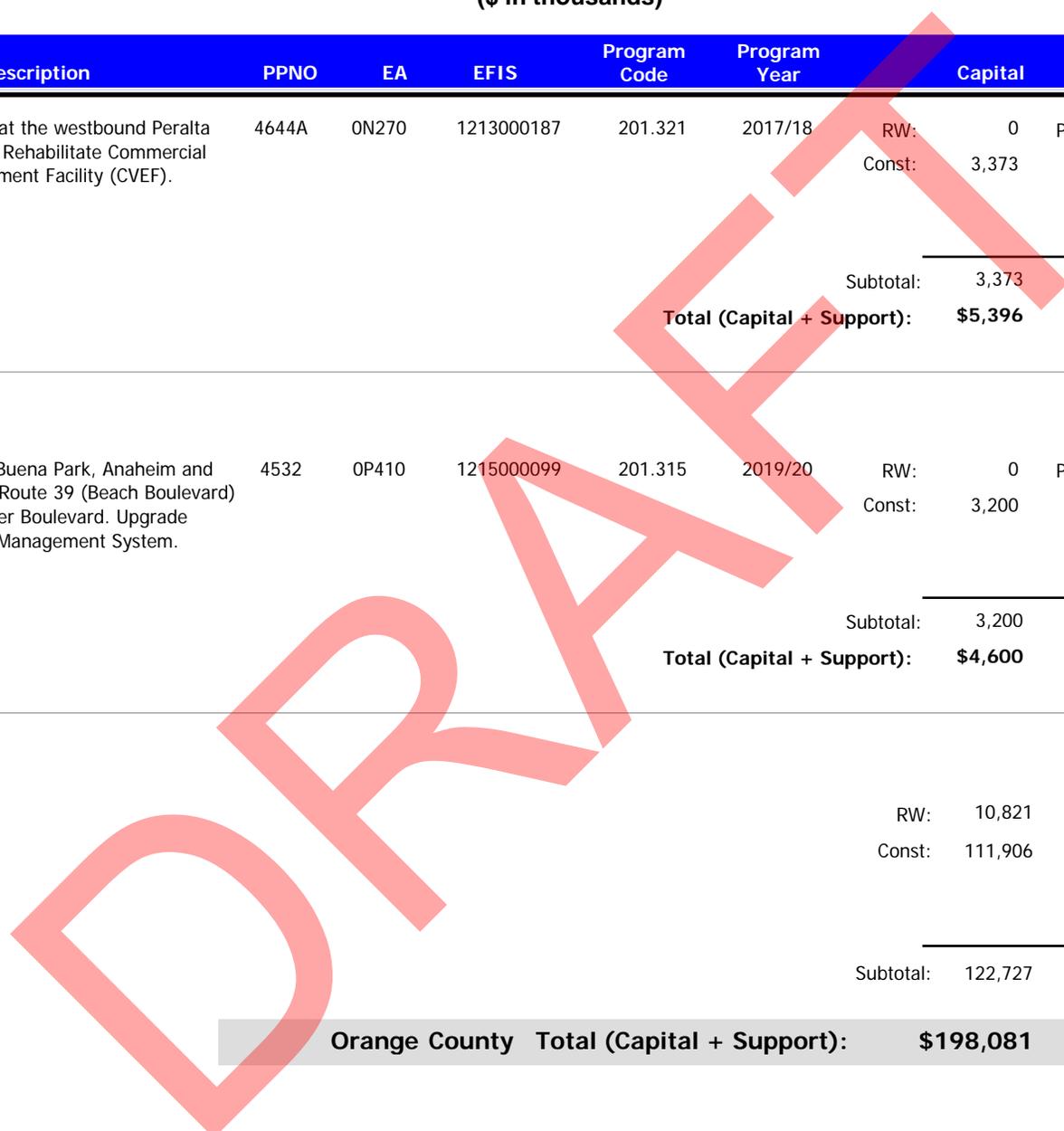
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
142	R0.8/2.9	In and near Brea, from Route 90 to east of Brea Hills Avenue. Pavement rehabilitation.	5364	ON600	1214000066	201.121	2016/17	RW:	6,826	PA&ED:	0	PA&ED:	6/29/2014
								Const:	5,750	PS&E:	2,040	RTL:	6/1/2017
										RW:	500	RW Cert:	3/1/2017
										Con:	2,490		
								Subtotal:	12,576		5,030		
Total (Capital + Support):									\$17,606				
<hr/>													
MOBILITY													
5	33.0/43.2	In the cities of Orange, Anaheim, Santa Ana, Fullerton and Buena Park, from Main Street to Stanton Avenue. Install and modify Intelligent Transportation System elements.	2859B	OP420	1215000098	201.315	2019/20	RW:	0	PA&ED:	170	PA&ED:	8/1/2017
								Const:	3,600	PS&E:	770	RTL:	8/1/2019
										RW:	80	RW Cert:	7/1/2019
										Con:	480		
								Subtotal:	3,600		1,500		
Total (Capital + Support):									\$5,100				
<hr/>													
57	10.7/16.6	In the cities of Orange, Anaheim and Placentia, from Route 5 to north of Orangethorpe Avenue. Upgrade Transportation Management System.	2530J	ON900	1215000007	201.315	2019/20	RW:	0	PA&ED:	150	PA&ED:	8/1/2017
								Const:	2,020	PS&E:	400	RTL:	8/1/2019
										RW:	50	RW Cert:	7/1/2019
										Con:	380		
								Subtotal:	2,020		980		
Total (Capital + Support):									\$3,000				



2016 SHOPP V3.0 Project List Orange (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
91	R13.8	Near Anaheim, at the westbound Peralta Weigh Station. Rehabilitate Commercial Vehicle Enforcement Facility (CVEF).	4644A	ON270	1213000187	201.321	2017/18	RW:	0	PA&ED:	422	PA&ED:	7/1/2016
								Const:	3,373	PS&E:	774	RTL:	9/22/2017
										RW:	18	RW Cert:	5/1/2017
										Con:	809		
								Subtotal:	3,373		2,023		
Total (Capital + Support):								\$5,396					
91	R2.6/7.2	In the cities of Buena Park, Anaheim and Fullerton, from Route 39 (Beach Boulevard) to North Kraemer Boulevard. Upgrade Transportation Management System.	4532	OP410	1215000099	201.315	2019/20	RW:	0	PA&ED:	180	PA&ED:	8/1/2017
								Const:	3,200	PS&E:	590	RTL:	8/1/2019
										RW:	50	RW Cert:	7/1/2019
										Con:	580		
								Subtotal:	3,200		1,400		
Total (Capital + Support):								\$4,600					
								RW:	10,821	PA&ED:	10,573		
								Const:	111,906	PS&E:	30,312		
										RW:	6,811		
										Con:	27,658		
								Subtotal:	122,727		75,354		
Orange County Total (Capital + Support):								\$198,081					



**2016 SHOPP V3.0 Project List
Placer
(\$ in thousands)**

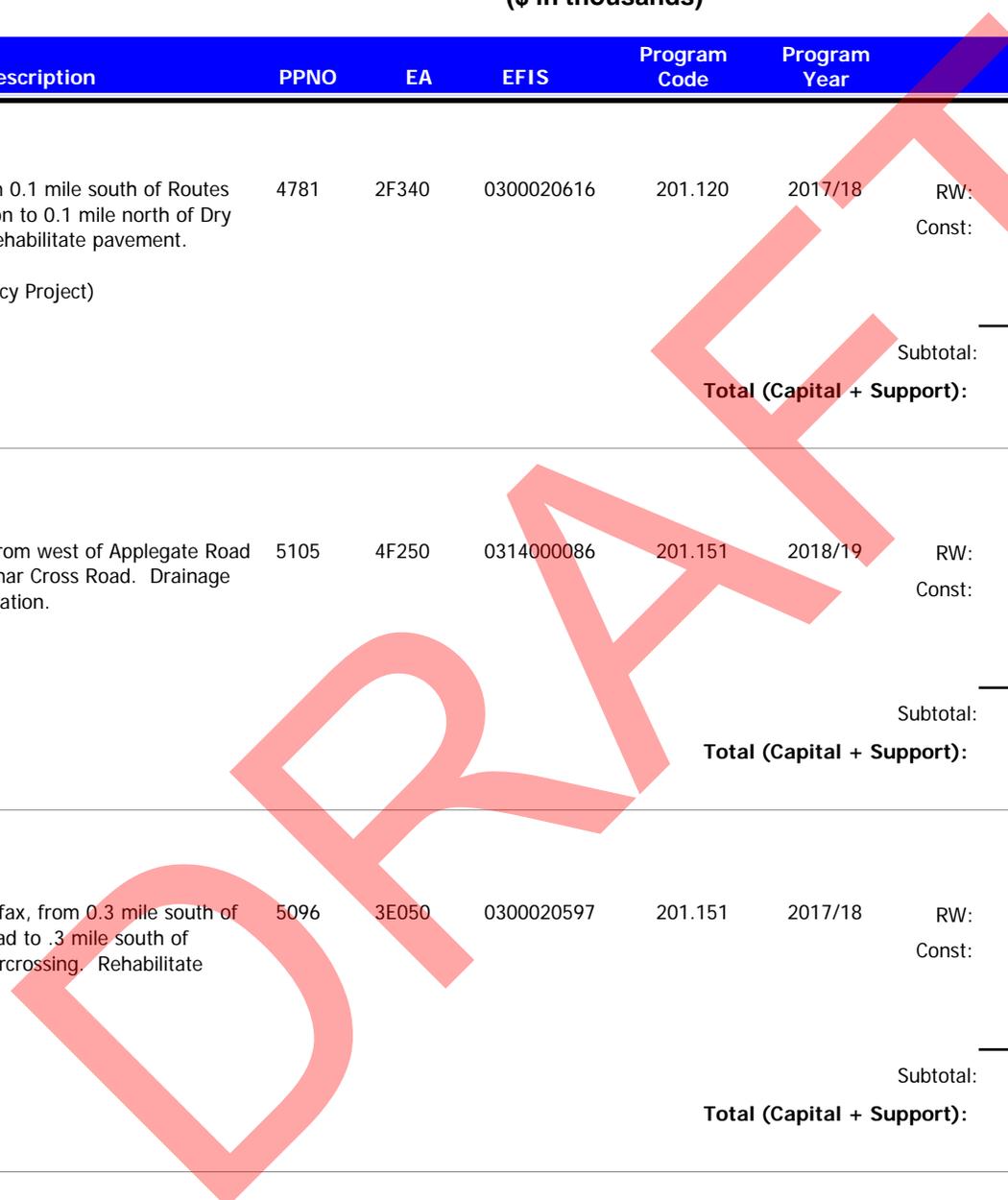


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
65	R5.0/R6.0	In and near Roseville and Rocklin, from Route 80 to Galleria Boulevard/Stanford Ranch Road. Construct northbound auxiliary lane.	5108	0H260	0315000118	201.010	2016/17	RW:	150	PA&ED:	1,100	PA&ED:	4/30/2016
								Const:	15,050	PS&E:	2,500	RTL:	3/31/2017
										RW:	300	RW Cert:	2/28/2017
										Con:	2,600		
								Subtotal:	15,200		6,500		
								Total (Capital + Support):	\$21,700				
<hr/>													
80	41.4/42.2	Near Gold Run, at the Gold Run Safety Roadside Rest Area. Replace water distribution system.	5103	3F480	0313000017	201.235	2016/17	RW:	0	PA&ED:	570	PA&ED:	12/15/2015
								Const:	1,836	PS&E:	430	RTL:	2/24/2017
										RW:	60	RW Cert:	2/1/2017
										Con:	400		
								Subtotal:	1,836		1,460		
								Total (Capital + Support):	\$3,296				
<hr/>													
<u>BRIDGE PRESERVATION</u>													
80	0.3/R63.5	In Placer and Nevada counties, at various locations. Rehabilitate or replace bridges at six locations. (G13 Contingency Project)	5097	2F570	0300020615	201.110	2019/20	RW:	200	PA&ED:	2,720	PA&ED:	1/2/2018
								Const:	0	PS&E:	6,350	RTL:	3/15/2020
										RW:	485	RW Cert:	2/28/2020
										Con:	0		
								Subtotal:	200		9,555		
								Total (Capital + Support):	\$9,755				

2016 SHOPP V3.0 Project List Placer (\$ in thousands)



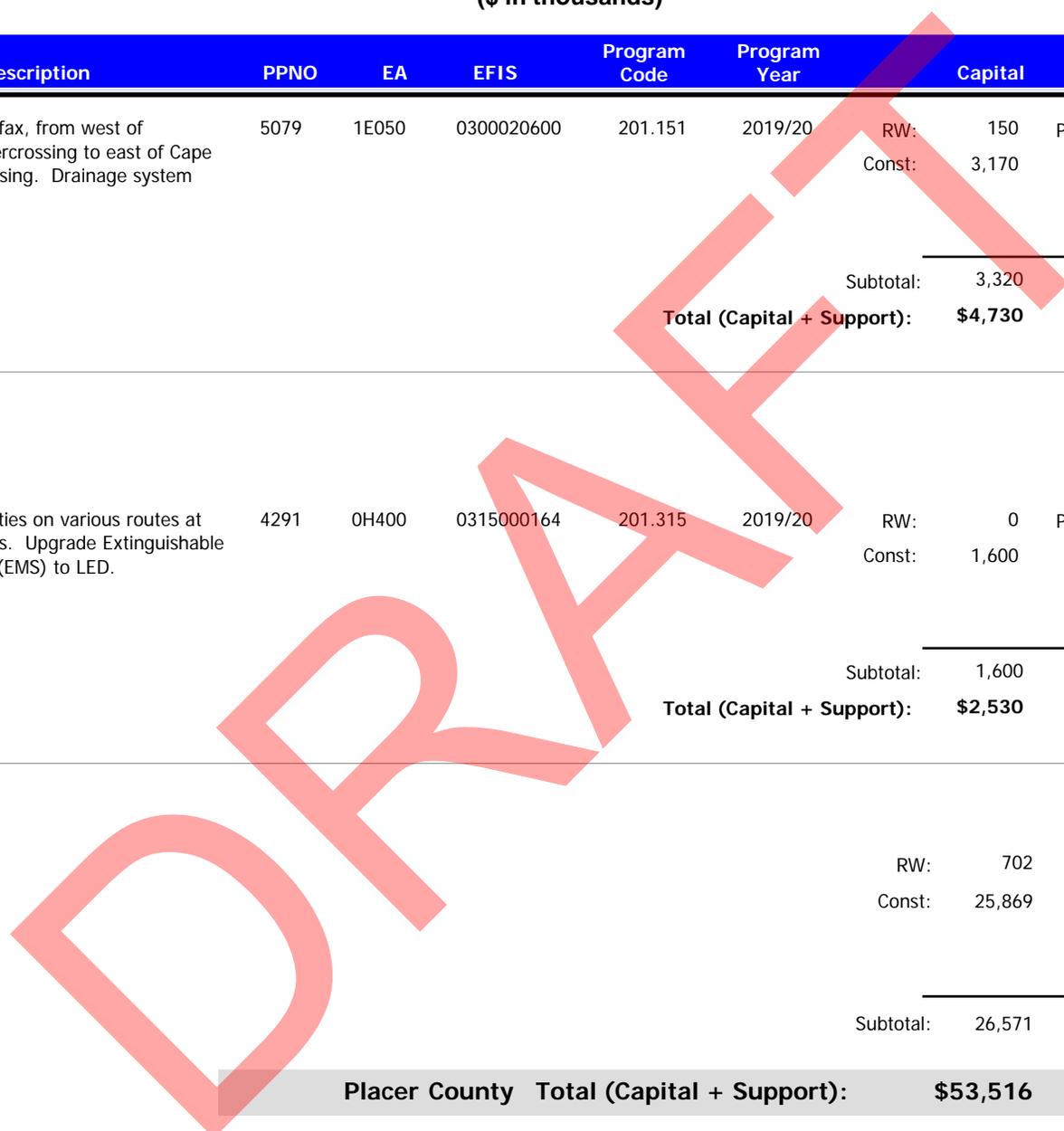
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
49	3.1/7.5	In Auburn, from 0.1 mile south of Routes 49/80 Separation to 0.1 mile north of Dry Creek Road. Rehabilitate pavement. (G13 Contingency Project)	4781	2F340	0300020616	201.120	2017/18	RW: Const:	50 0	PA&ED: PS&E: RW: Con:	2,400 1,300 1,100 0	PA&ED: RTL: RW Cert:	6/1/2016 4/2/2018 3/1/2018
								Subtotal:	50		4,800		
								Total (Capital + Support):	\$4,850				
80	25.9/28.5	Near Weimar, from west of Applegate Road to west of Weimar Cross Road. Drainage system rehabilitation.	5105	4F250	0314000086	201.151	2018/19	RW: Const:	70 3,070	PA&ED: PS&E: RW: Con:	220 430 140 610	PA&ED: RTL: RW Cert:	7/3/2017 1/15/2019 12/15/2018
								Subtotal:	3,140		1,400		
								Total (Capital + Support):	\$4,540				
80	28.5/31.5	In and near Colfax, from 0.3 mile south of Weimar overhead to .3 mile south of Illinoistown overcrossing. Rehabilitate culvert.	5096	3E050	0300020597	201.151	2017/18	RW: Const:	82 1,143	PA&ED: PS&E: RW: Con:	190 260 60 380	PA&ED: RTL: RW Cert:	2/1/2016 8/1/2017 7/1/2017
								Subtotal:	1,225		890		
								Total (Capital + Support):	\$2,115				



**2016 SHOPP V3.0 Project List
Placer
(\$ in thousands)**



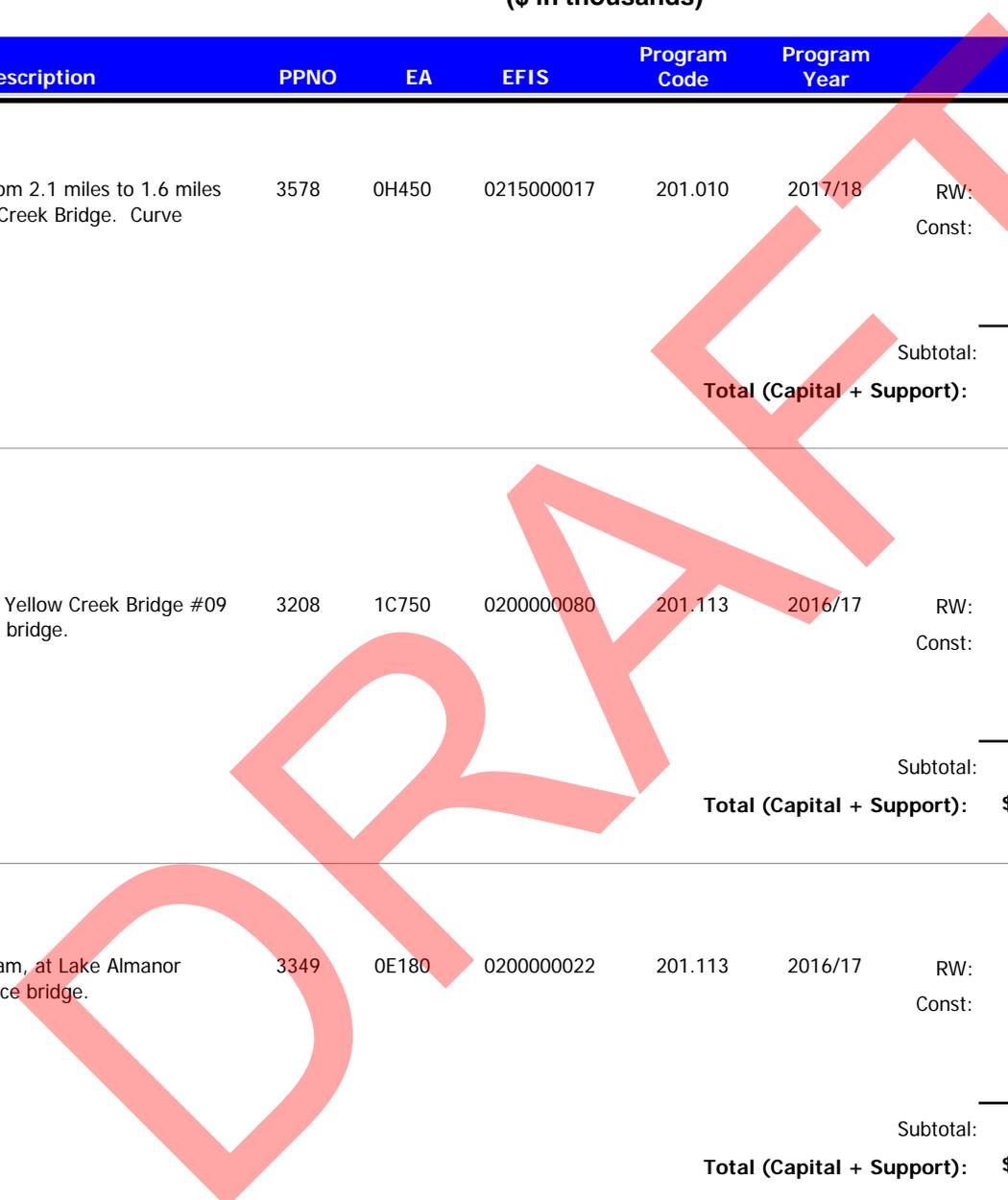
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
80	31.5/36.9	In and near Colfax, from west of Illinoistown Overcrossing to east of Cape Horn Undercrossing. Drainage system rehabilitation.	5079	1E050	0300020600	201.151	2019/20	RW:	150	PA&ED:	230	PA&ED:	6/1/2017
								Const:	3,170	PS&E:	440	RTL:	8/15/2019
										RW:	140	RW Cert:	7/15/2019
										Con:	600		
								Subtotal:	3,320		1,410		
Total (Capital + Support):								\$4,730					
<hr/>													
MOBILITY													
80	VAR	In various counties on various routes at various locations. Upgrade Extinguishable Message Signs (EMS) to LED.	4291	0H400	0315000164	201.315	2019/20	RW:	0	PA&ED:	190	PA&ED:	1/1/2019
								Const:	1,600	PS&E:	210	RTL:	10/1/2019
										RW:	30	RW Cert:	9/1/2019
										Con:	500		
								Subtotal:	1,600		930		
Total (Capital + Support):								\$2,530					
<hr/>													
								RW:	702	PA&ED:	7,620		
								Const:	25,869	PS&E:	11,920		
										RW:	2,315		
										Con:	5,090		
								Subtotal:	26,571		26,945		
Placer County Total (Capital + Support):								\$53,516					



**2016 SHOPP V3.0 Project List
Plumas
(\$ in thousands)**



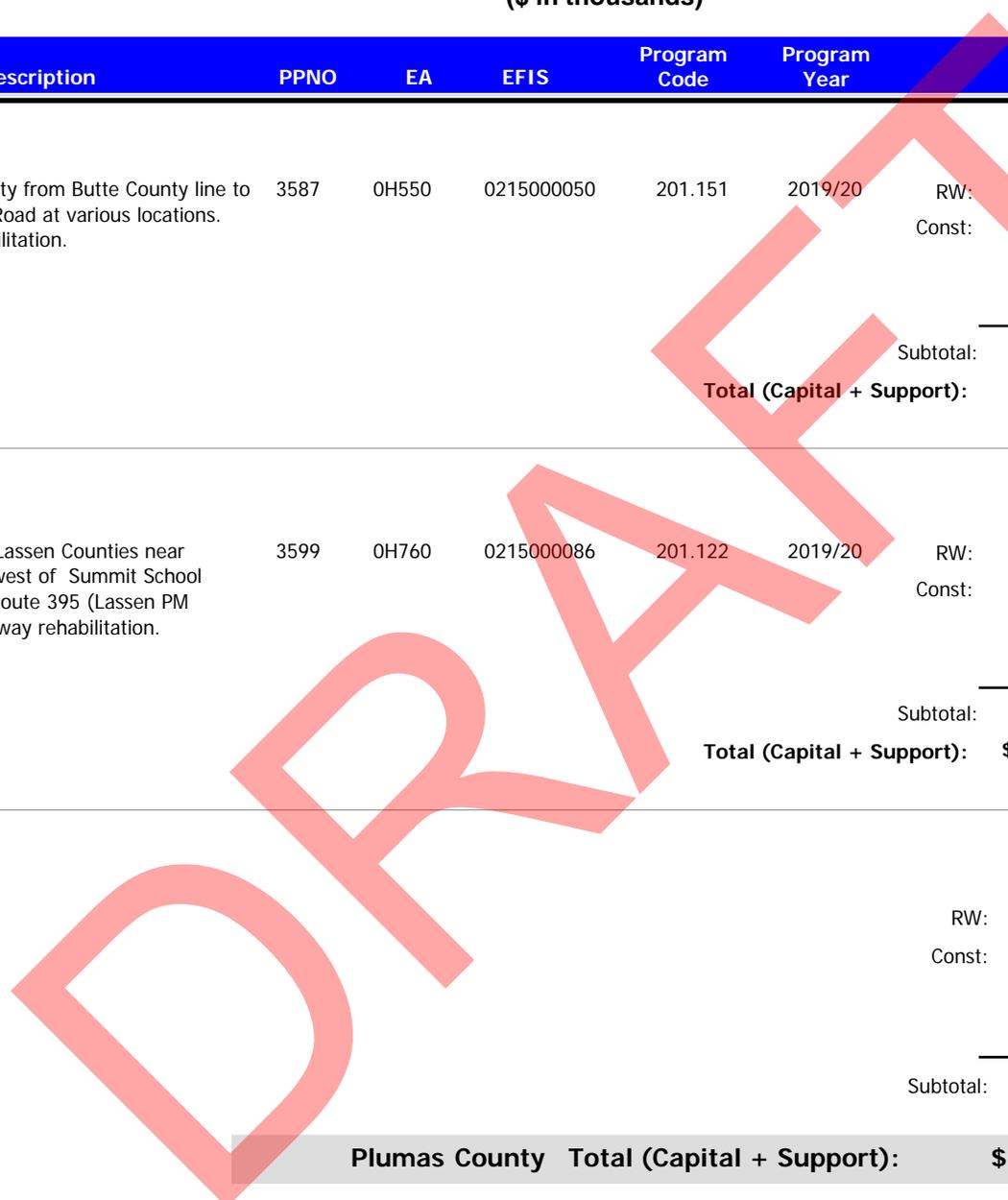
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
70	11.5/11.9	Near Belden, from 2.1 miles to 1.6 miles west of Chipps Creek Bridge. Curve Improvement.	3578	0H450	0215000017	201.010	2017/18	RW:	36	PA&ED:	360	PA&ED:	12/19/2016
								Const:	1,964	PS&E:	406	RTL:	5/23/2018
										RW:	19	RW Cert:	5/9/2018
										Con:	357		
								Subtotal:	2,000		1,142		
								Total (Capital + Support):	\$3,142				
<u>BRIDGE PRESERVATION</u>													
70	14.9	Near Belden, at Yellow Creek Bridge #09 -0008. Replace bridge.	3208	1C750	0200000080	201.113	2016/17	RW:	400	PA&ED:	1,620	PA&ED:	1/26/2015
								Const:	7,800	PS&E:	1,460	RTL:	11/3/2016
										RW:	140	RW Cert:	10/3/2016
										Con:	2,000		
								Subtotal:	8,200		5,220		
								Total (Capital + Support):	\$13,420				
89	29.5/30.5	Near Canyon Dam, at Lake Almanor Spillway. Replace bridge.	3349	0E180	0200000022	201.113	2016/17	RW:	60	PA&ED:	1,100	PA&ED:	2/18/2015
								Const:	9,000	PS&E:	1,300	RTL:	3/1/2017
										RW:	300	RW Cert:	2/17/2017
										Con:	1,600		
								Subtotal:	9,060		4,300		
								Total (Capital + Support):	\$13,360				



**2016 SHOPP V3.0 Project List
Plumas
(\$ in thousands)**



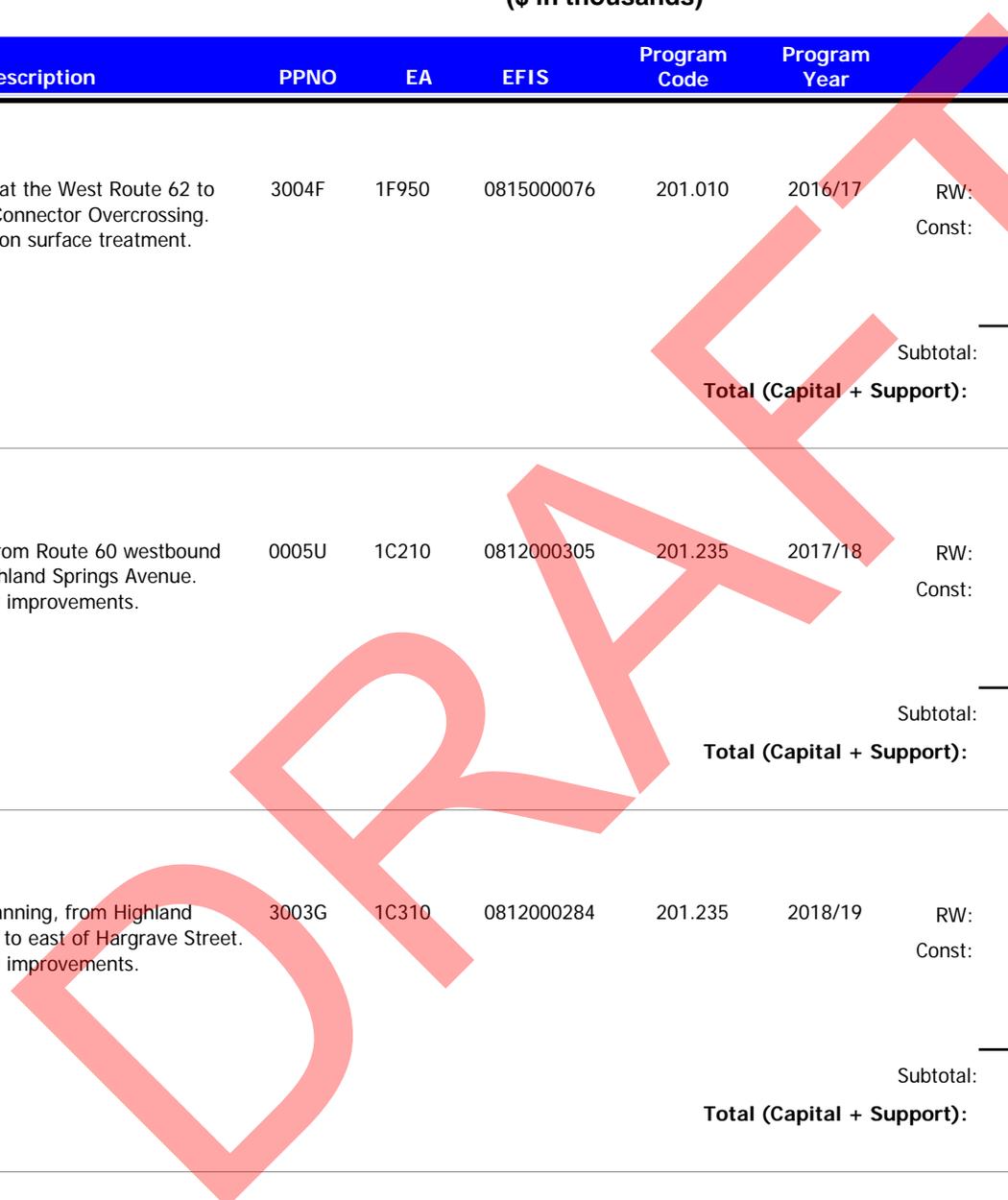
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
70	0.0/70.0	In Plumas County from Butte County line to east of Moach Road at various locations. Drainage rehabilitation.	3587	0H550	0215000050	201.151	2019/20	RW:	290	PA&ED:	1,060	PA&ED:	4/23/2018
								Const:	2,525	PS&E:	710	RTL:	7/11/2019
										RW:	1,090	RW Cert:	6/4/2019
										Con:	920		
								Subtotal:	2,815		3,780		
								Total (Capital + Support):	\$6,595				
70	90.3/96.0	In Plumas and Lassen Counties near Chilcoot, from west of Summit School Drive Road to Route 395 (Lassen PM 0.0/3.9). Roadway rehabilitation.	3599	0H760	0215000086	201.122	2019/20	RW:	0	PA&ED:	1,030	PA&ED:	12/5/2018
								Const:	20,547	PS&E:	900	RTL:	9/5/2019
										RW:	70	RW Cert:	8/5/2019
										Con:	1,440		
								Subtotal:	20,547		3,440		
								Total (Capital + Support):	\$23,987				
										RW:	786	PA&ED:	5,170
										Const:	41,836	PS&E:	4,776
												RW:	1,619
												Con:	6,317
								Subtotal:	42,622		17,882		
								Plumas County Total (Capital + Support):	\$60,504				



**2016 SHOPP V3.0 Project List
Riverside
(\$ in thousands)**



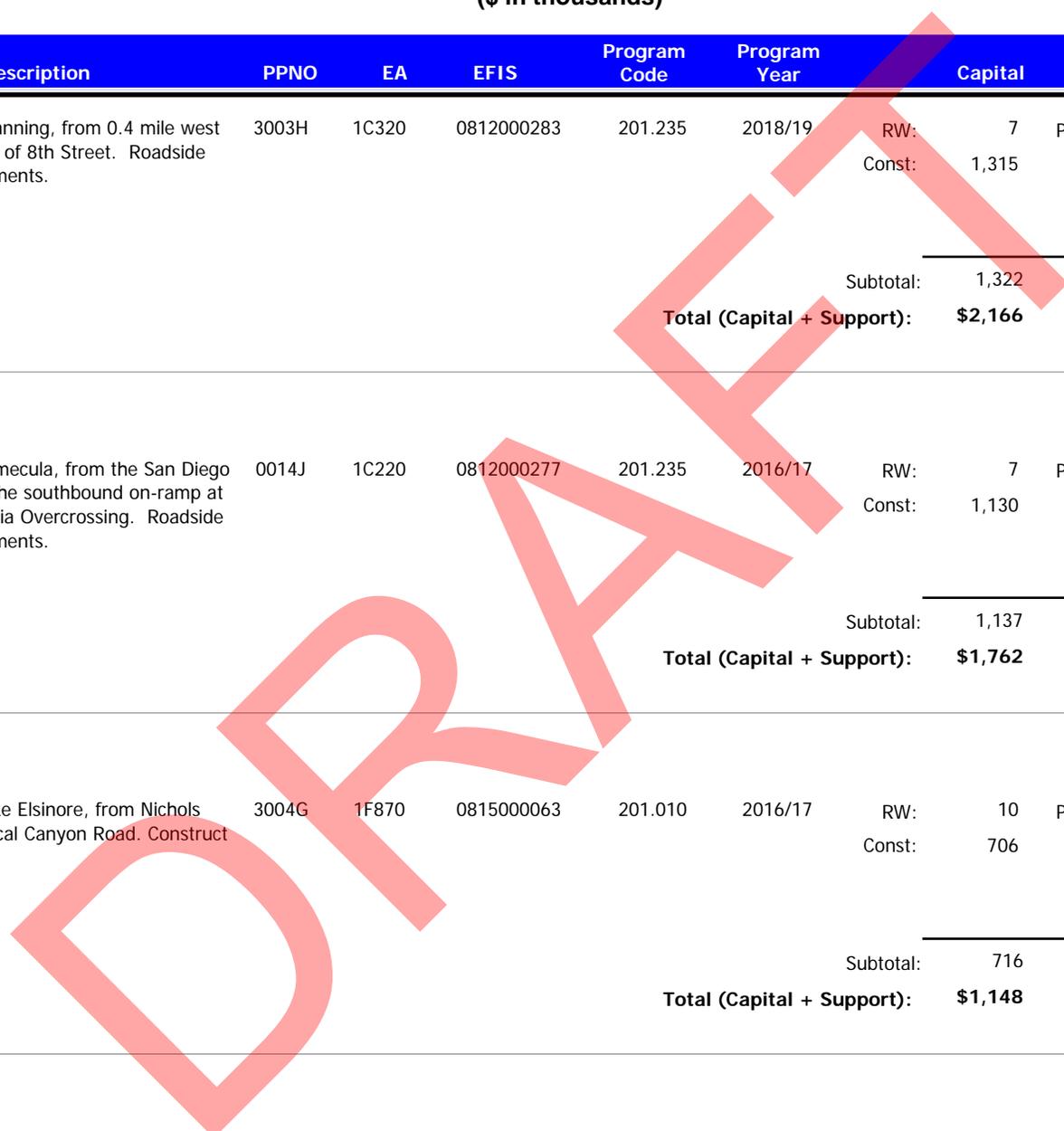
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
10	29.6	In Whitewater, at the West Route 62 to East Route 10 Connector Overcrossing. Apply high friction surface treatment.	3004F	1F950	0815000076	201.010	2016/17	RW:	35	PA&ED:	196	PA&ED:	2/25/2016
								Const:	441	PS&E:	345	RTL:	11/14/2016
										RW:	11	RW Cert:	10/19/2016
										Con:	135		
								Subtotal:	476		687		
								Total (Capital + Support):	\$1,163				
10	6.8/9.6	In Beaumont, from Route 60 westbound off-ramp to Highland Springs Avenue. Roadside safety improvements.	0005U	1C210	0812000305	201.235	2017/18	RW:	7	PA&ED:	184	PA&ED:	8/19/2016
								Const:	1,229	PS&E:	226	RTL:	7/21/2017
										RW:	21	RW Cert:	7/21/2017
										Con:	198		
								Subtotal:	1,236		629		
								Total (Capital + Support):	\$1,865				
10	9.5/14.1	In the city of Banning, from Highland Springs Avenue to east of Hargrave Street. Roadside safety improvements.	3003G	1C310	0812000284	201.235	2018/19	RW:	7	PA&ED:	227	PA&ED:	5/20/2016
								Const:	1,168	PS&E:	265	RTL:	9/22/2018
										RW:	27	RW Cert:	4/20/2018
										Con:	230		
								Subtotal:	1,175		749		
								Total (Capital + Support):	\$1,924				



**2016 SHOPP V3.0 Project List
Riverside
(\$ in thousands)**



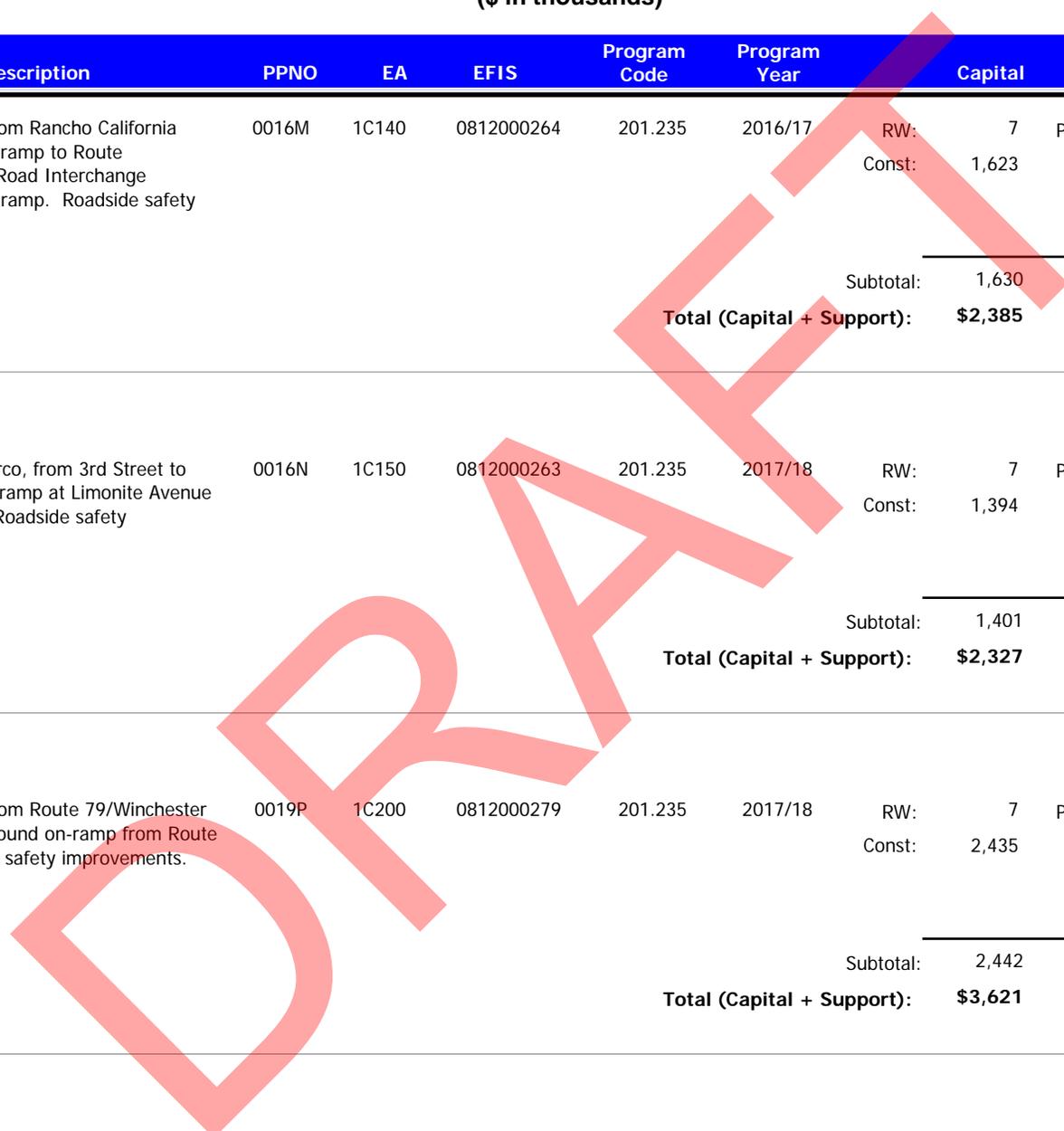
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
10	R12.4/13.1	In the city of Banning, from 0.4 mile west to 0.3 mile east of 8th Street. Roadside safety improvements.	3003H	1C320	0812000283	201.235	2018/19	RW:	7	PA&ED:	256	PA&ED:	3/10/2017
								Const:	1,315	PS&E:	298	RTL:	7/18/2018
										RW:	31	RW Cert:	2/16/2018
										Con:	259		
								Subtotal:	1,322		844		
Total (Capital + Support):								\$2,166					
15	0.0/4.8	In and near Temecula, from the San Diego County line to the southbound on-ramp at Rancho California Overcrossing. Roadside safety improvements.	0014J	1C220	0812000277	201.235	2016/17	RW:	7	PA&ED:	183	PA&ED:	9/16/2015
								Const:	1,130	PS&E:	221	RTL:	9/28/2016
										RW:	23	RW Cert:	7/15/2016
										Con:	198		
								Subtotal:	1,137		625		
Total (Capital + Support):								\$1,762					
15	23.8/33.4	In and near Lake Elsinore, from Nichols Road to Temescal Canyon Road. Construct rumble strips.	3004G	1F870	0815000063	201.010	2016/17	RW:	10	PA&ED:	130	PA&ED:	2/25/2016
								Const:	706	PS&E:	200	RTL:	11/14/2016
										RW:	12	RW Cert:	10/19/2016
										Con:	90		
								Subtotal:	716		432		
Total (Capital + Support):								\$1,148					



**2016 SHOPP V3.0 Project List
Riverside
(\$ in thousands)**



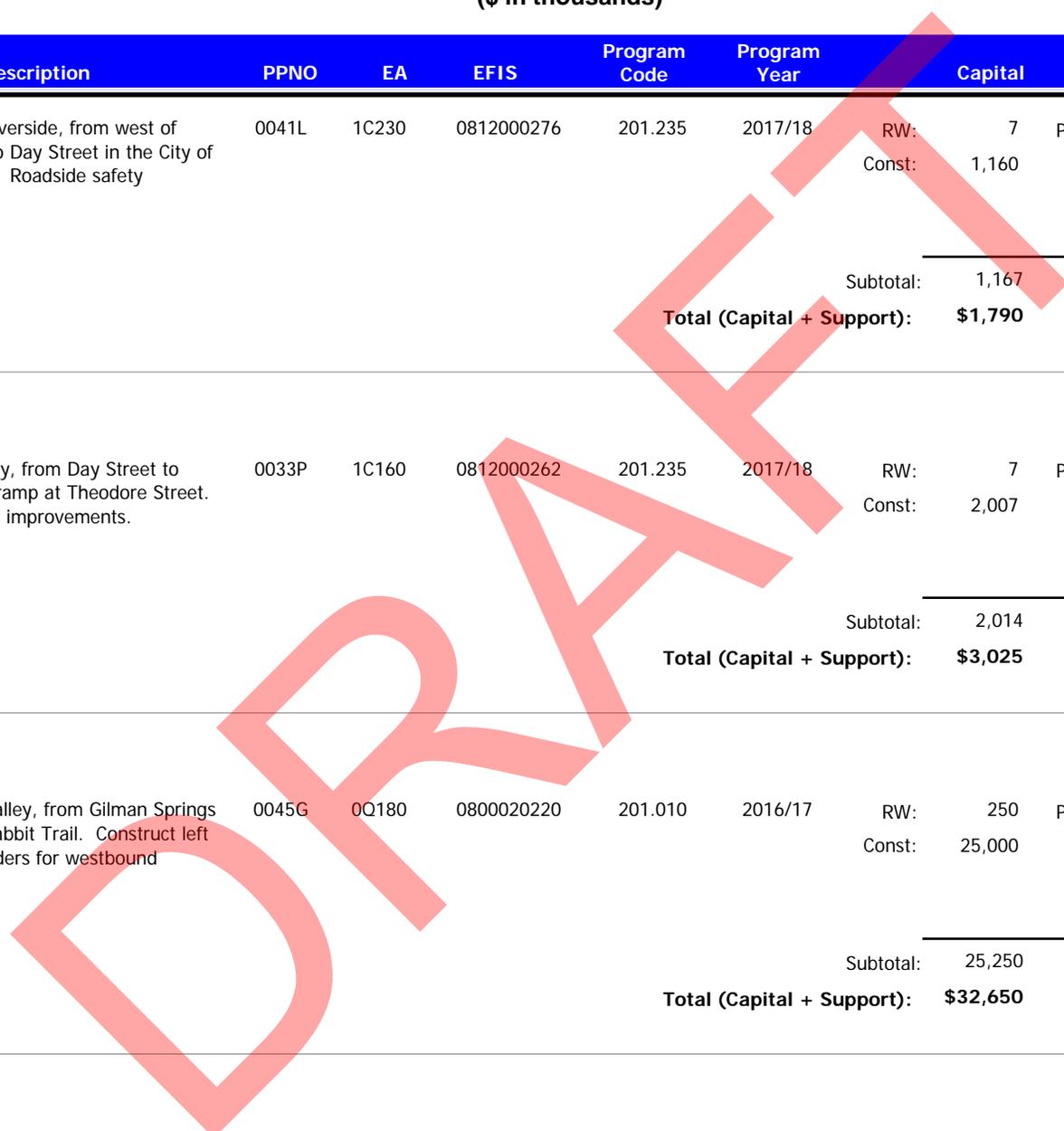
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
15	4.8/6.5	In Temecula, from Rancho California southbound on-ramp to Route 79/Winchester Road Interchange southbound on-ramp. Roadside safety improvements.	0016M	1C140	0812000264	201.235	2016/17	RW:	7	PA&ED:	224	PA&ED:	8/27/2015
								Const:	1,623	PS&E:	271	RTL:	8/22/2016
										RW:	28	RW Cert:	6/15/2016
										Con:	232		
								Subtotal:	1,630		755		
Total (Capital + Support):									\$2,385				
15	44.1/48.5	In and near Norco, from 3rd Street to northbound on-ramp at Limonite Avenue Interchange. Roadside safety improvements.	0016N	1C150	0812000263	201.235	2017/18	RW:	7	PA&ED:	279	PA&ED:	4/8/2016
								Const:	1,394	PS&E:	328	RTL:	7/21/2017
										RW:	34	RW Cert:	5/26/2017
										Con:	285		
								Subtotal:	1,401		926		
Total (Capital + Support):									\$2,327				
15	6.5/8.2	In Temecula, from Route 79/Winchester Road to southbound on-ramp from Route 215. Roadside safety improvements.	0019P	1C200	0812000279	201.235	2017/18	RW:	7	PA&ED:	347	PA&ED:	6/17/2016
								Const:	2,435	PS&E:	433	RTL:	8/23/2017
										RW:	41	RW Cert:	7/7/2017
										Con:	358		
								Subtotal:	2,442		1,179		
Total (Capital + Support):									\$3,621				



**2016 SHOPP V3.0 Project List
Riverside
(\$ in thousands)**



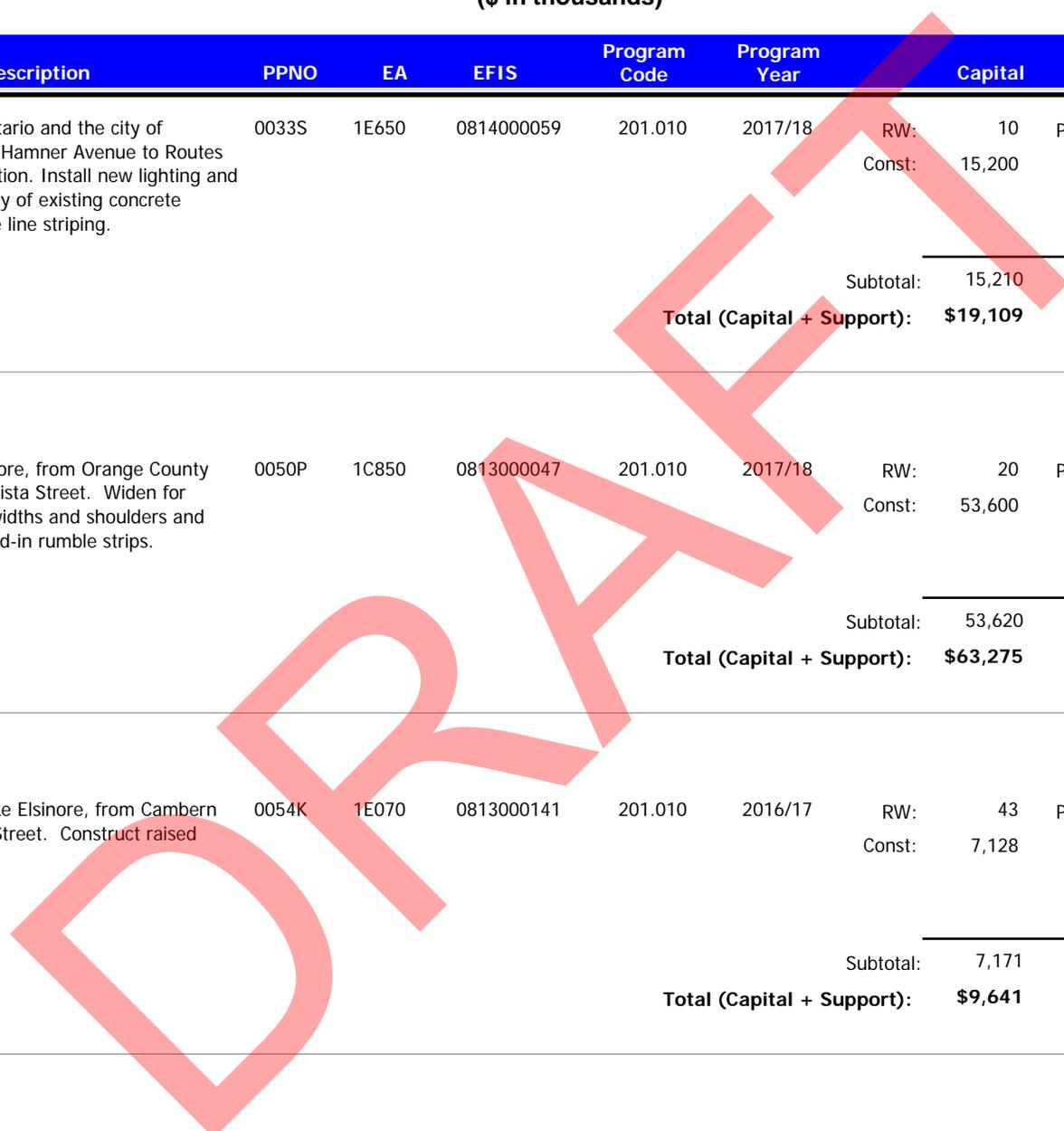
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
60	10.7/13.3	In the city of Riverside, from west of Market Street to Day Street in the City of Moreno Valley. Roadside safety improvements.	0041L	1C230	0812000276	201.235	2017/18	RW:	7	PA&ED:	179	PA&ED:	7/18/2016
								Const:	1,160	PS&E:	226	RTL:	9/8/2017
										RW:	22	RW Cert:	8/11/2017
										Con:	196		
								Subtotal:	1,167		623		
								Total (Capital + Support):	\$1,790				
60	13.3/21.5	In Moreno Valley, from Day Street to westbound off-ramp at Theodore Street. Roadside safety improvements.	0033P	1C160	0812000262	201.235	2017/18	RW:	7	PA&ED:	303	PA&ED:	7/22/2016
								Const:	2,007	PS&E:	361	RTL:	9/18/2017
										RW:	34	RW Cert:	6/21/2017
										Con:	313		
								Subtotal:	2,014		1,011		
								Total (Capital + Support):	\$3,025				
60	22.2/26.5	Near Moreno Valley, from Gilman Springs Road to Jack Rabbit Trail. Construct left and right shoulders for westbound direction.	0045G	0Q180	0800020220	201.010	2016/17	RW:	250	PA&ED:	2,000	PA&ED:	
								Const:	25,000	PS&E:	1,500	RTL:	
										RW:	200	RW Cert:	5/5/2017
										Con:	3,700		
								Subtotal:	25,250		7,400		
								Total (Capital + Support):	\$32,650				



2016 SHOPP V3.0 Project List Riverside (\$ in thousands)



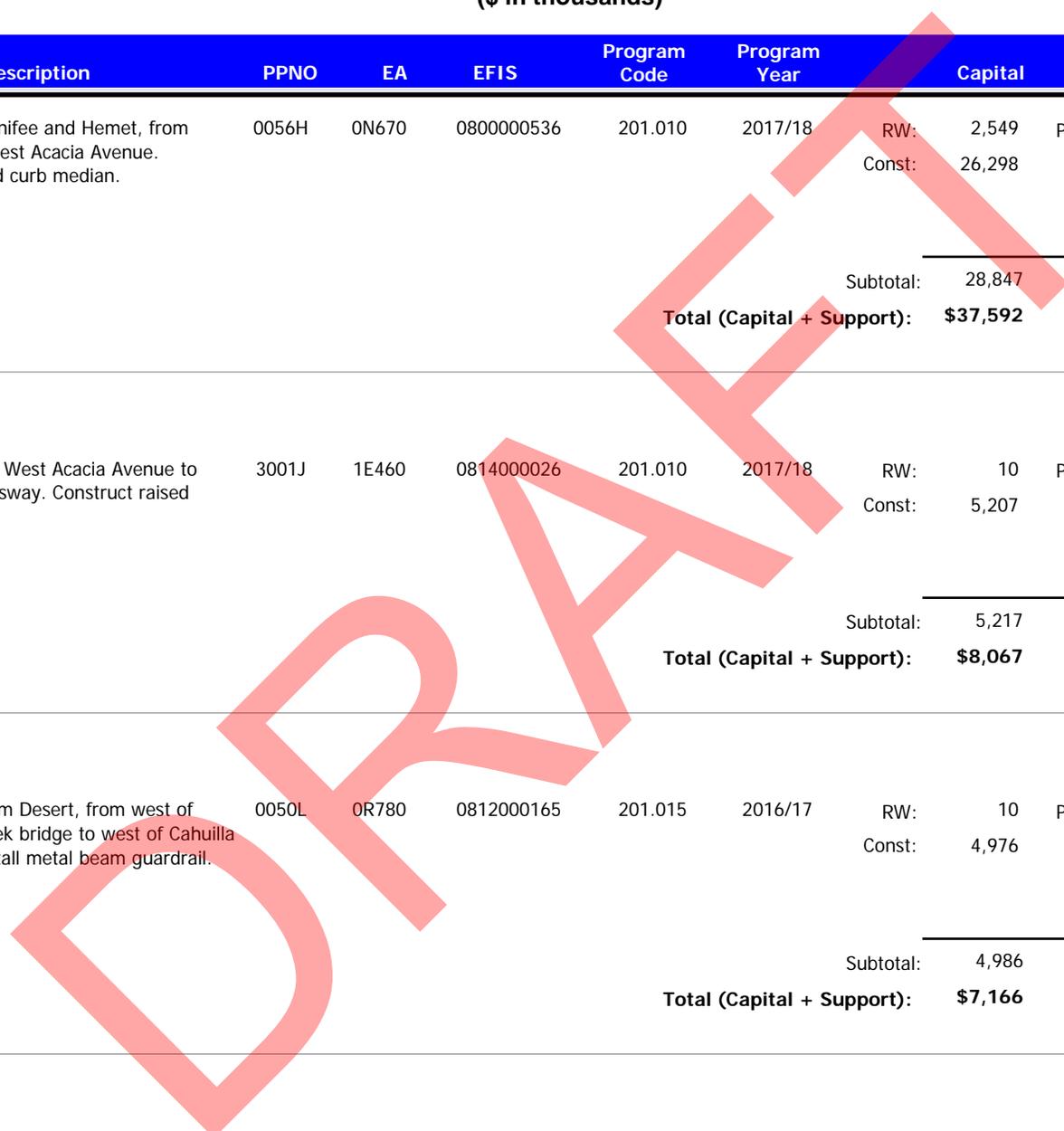
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
60	R0.0/12.2	In and near Ontario and the city of Riverside, from Hamner Avenue to Routes 60/91/215 junction. Install new lighting and enhance visibility of existing concrete barrier and lane line striping.	0033S	1E650	0814000059	201.010	2017/18	RW:	10	PA&ED:	630	PA&ED:	12/28/2015
								Const:	15,200	PS&E:	1,403	RTL:	9/2/2016
										RW:	113	RW Cert:	7/8/2016
										Con:	1,753		
								Subtotal:	15,210		3,899		
Total (Capital + Support):									\$19,109				
74	0.0/5.8	Near Lake Elsinore, from Orange County Line to Monte Vista Street. Widen for standard lane widths and shoulders and construct ground-in rumble strips.	0050P	1C850	0813000047	201.010	2017/18	RW:	20	PA&ED:	2,060	PA&ED:	
								Const:	53,600	PS&E:	2,590	RTL:	3/30/2018
										RW:	20	RW Cert:	2/26/2018
										Con:	4,985		
								Subtotal:	53,620		9,655		
Total (Capital + Support):									\$63,275				
74	17.5/25.7	In and near Lake Elsinore, from Cambern Avenue to 7th Street. Construct raised median curb.	0054K	1E070	0813000141	201.010	2016/17	RW:	43	PA&ED:	295	PA&ED:	10/15/2015
								Const:	7,128	PS&E:	650	RTL:	12/15/2016
										RW:	35	RW Cert:	11/16/2016
										Con:	1,490		
								Subtotal:	7,171		2,470		
Total (Capital + Support):									\$9,641				



**2016 SHOPP V3.0 Project List
Riverside
(\$ in thousands)**



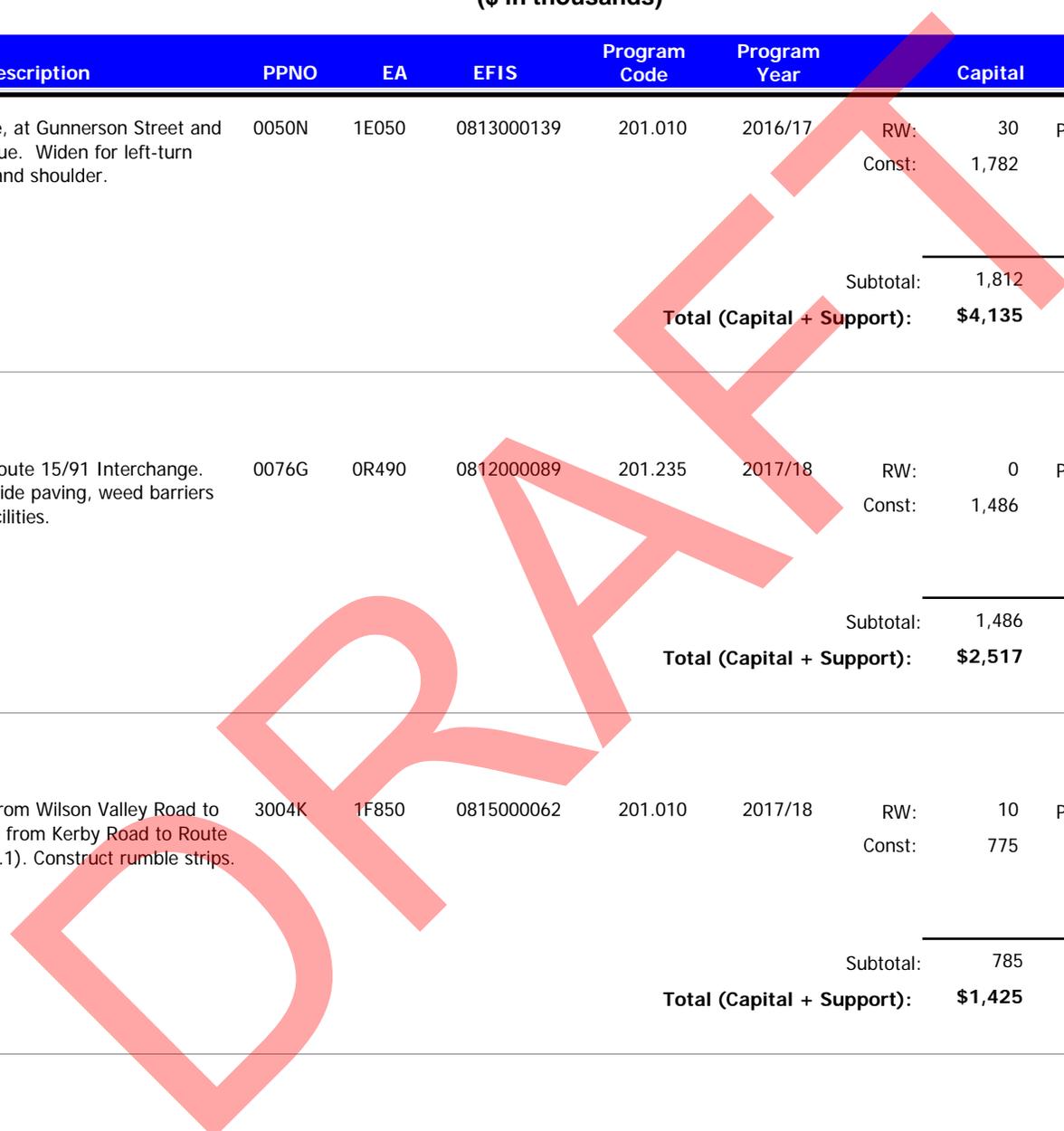
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
74	27.8/37.7	In and near Menifee and Hemet, from Route 215 to West Acacia Avenue. Construct raised curb median.	0056H	0N670	0800000536	201.010	2017/18	RW:	2,549	PA&ED:	945	PA&ED:	9/1/2016
								Const:	26,298	PS&E:	1,990	RTL:	5/1/2018
										RW:	1,860	RW Cert:	4/2/2018
										Con:	3,950		
								Subtotal:	28,847		8,745		
Total (Capital + Support):								\$37,592					
74	37.7/44.7	In Hemet, from West Acacia Avenue to Ramona Expressway. Construct raised median curb.	3001J	1E460	0814000026	201.010	2017/18	RW:	10	PA&ED:	500	PA&ED:	6/1/2016
								Const:	5,207	PS&E:	1,070	RTL:	11/30/2017
										RW:	10	RW Cert:	10/30/2017
										Con:	1,270		
								Subtotal:	5,217		2,850		
Total (Capital + Support):								\$8,067					
74	52.1/92.0	In and near Palm Desert, from west of Strawberry Creek bridge to west of Cahuilla Hills Road. Install metal beam guardrail.	0050L	0R780	0812000165	201.015	2016/17	RW:	10	PA&ED:	800	PA&ED:	12/15/2016
								Const:	4,976	PS&E:	600	RTL:	3/15/2017
										RW:	80	RW Cert:	1/24/2017
										Con:	700		
								Subtotal:	4,986		2,180		
Total (Capital + Support):								\$7,166					



2016 SHOPP V3.0 Project List Riverside (\$ in thousands)



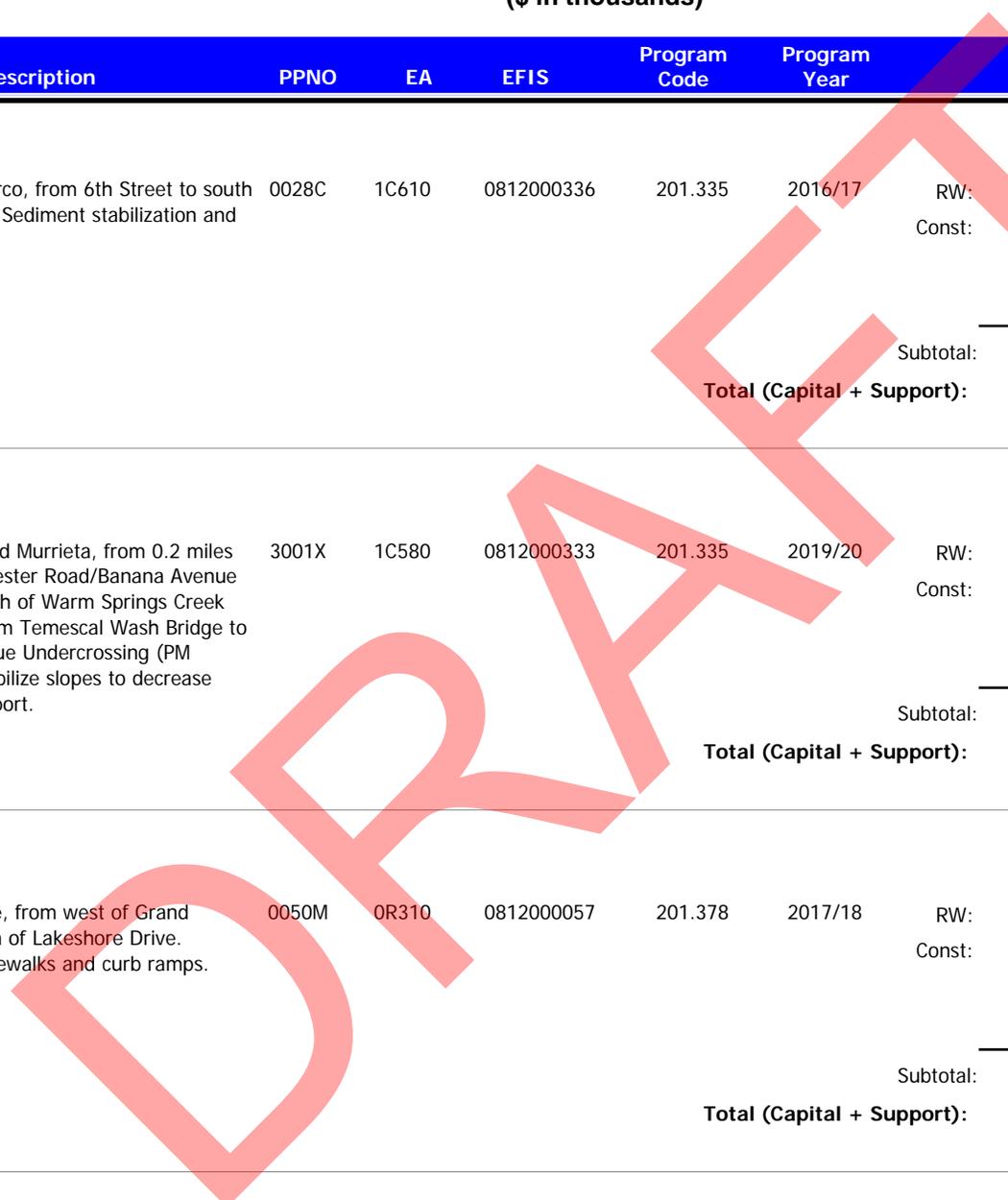
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
74	R14.8/15.2	In Lake Elsinore, at Gunnerson Street and Strickland Avenue. Widen for left-turn channelization and shoulder.	0050N	1E050	0813000139	201.010	2016/17	RW:	30	PA&ED:	911	PA&ED:	5/2/2016
								Const:	1,782	PS&E:	700	RTL:	6/15/2017
										RW:	40	RW Cert:	3/7/2017
										Con:	672		
								Subtotal:	1,812		2,323		
Total (Capital + Support):								\$4,135					
91	7.0/7.8	In Corona, at Route 15/91 Interchange. Construct roadside paving, weed barriers and relocate facilities.	0076G	0R490	0812000089	201.235	2017/18	RW:	0	PA&ED:	165	PA&ED:	10/28/2013
								Const:	1,486	PS&E:	425	RTL:	12/22/2017
										RW:	26	RW Cert:	10/20/2017
										Con:	415		
								Subtotal:	1,486		1,031		
Total (Capital + Support):								\$2,517					
371	60.2/67.7	Near Cahuilla, from Wilson Valley Road to Cary Road; also from Kerby Road to Route 74 (PM 72.8/77.1). Construct rumble strips.	3004K	1F850	0815000062	201.010	2017/18	RW:	10	PA&ED:	300	PA&ED:	4/3/2017
								Const:	775	PS&E:	200	RTL:	2/2/2018
										RW:	50	RW Cert:	1/2/2018
										Con:	90		
								Subtotal:	785		640		
Total (Capital + Support):								\$1,425					



**2016 SHOPP V3.0 Project List
Riverside
(\$ in thousands)**



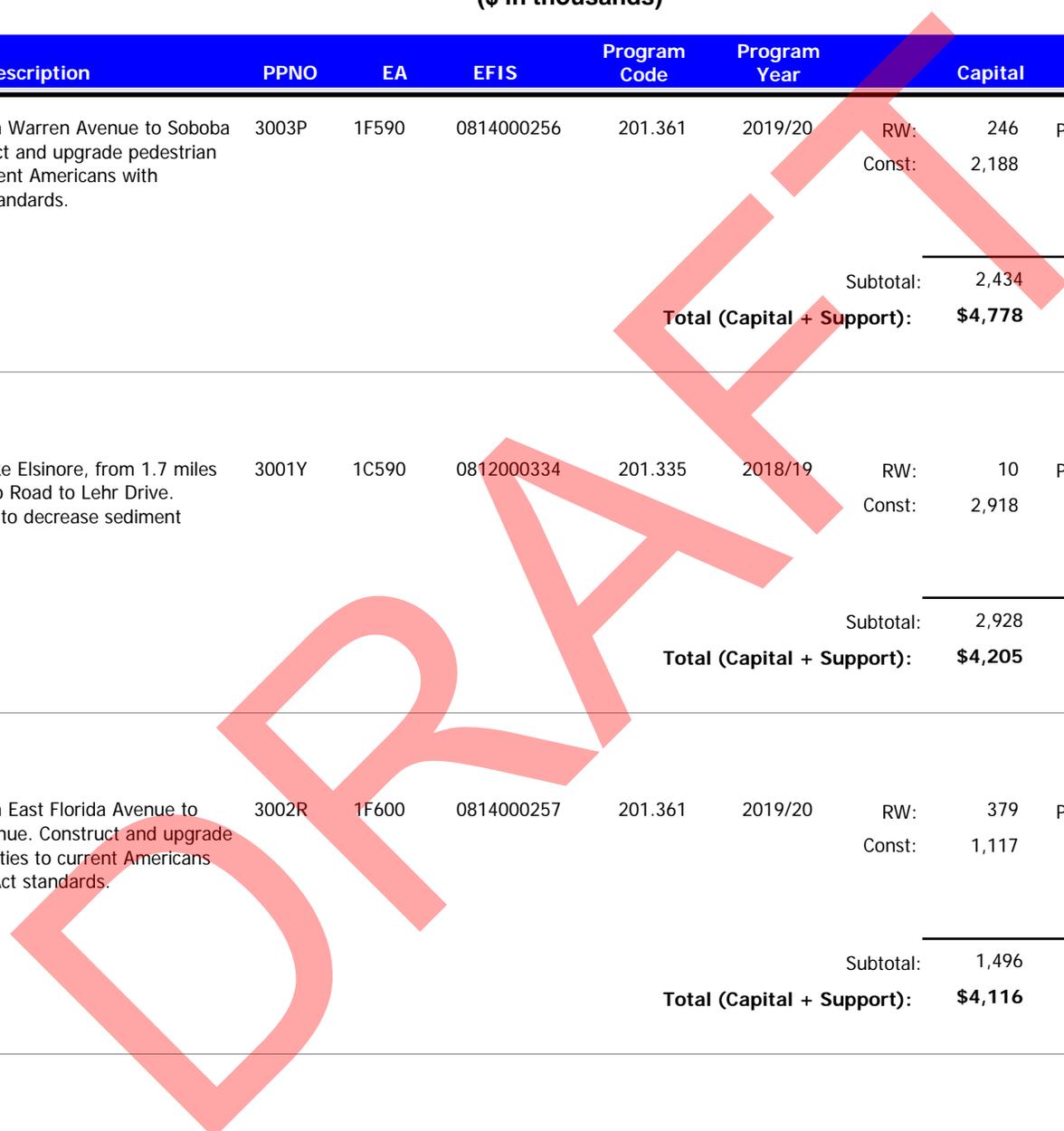
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MANDATES													
15	45.6/47.3	In and near Norco, from 6th Street to south of 68th Street. Sediment stabilization and erosion control.	0028C	1C610	0812000336	201.335	2016/17	RW:	7	PA&ED:	213	PA&ED:	6/30/2015
								Const:	1,667	PS&E:	267	RTL:	8/12/2016
										RW:	27	RW Cert:	5/12/2016
										Con:	382		
								Subtotal:	1,674		889		
								Total (Capital + Support):	\$2,563				
15	6.8/7.6	In Temecula and Murrieta, from 0.2 miles south of Winchester Road/Banana Avenue to 0.2 mile south of Warm Springs Creek Bridge; also from Temescal Wash Bridge to Parkridge Avenue Undercrossing (PM 40.8/41.8). Stabilize slopes to decrease sediment transport.	3001X	1C580	0812000333	201.335	2019/20	RW:	10	PA&ED:	156	PA&ED:	7/3/2018
								Const:	885	PS&E:	296	RTL:	10/17/2019
										RW:	20	RW Cert:	8/16/2019
										Con:	320		
								Subtotal:	895		792		
								Total (Capital + Support):	\$1,687				
74	11.8/14.4	In Lake Elsinore, from west of Grand avenue to north of Lakeshore Drive. Reconstruct sidewalks and curb ramps.	0050M	OR310	0812000057	201.378	2017/18	RW:	158	PA&ED:	356	PA&ED:	7/15/2016
								Const:	1,280	PS&E:	624	RTL:	4/10/2018
										RW:	463	RW Cert:	3/12/2018
										Con:	481		
								Subtotal:	1,438		1,924		
								Total (Capital + Support):	\$3,362				



**2016 SHOPP V3.0 Project List
Riverside
(\$ in thousands)**



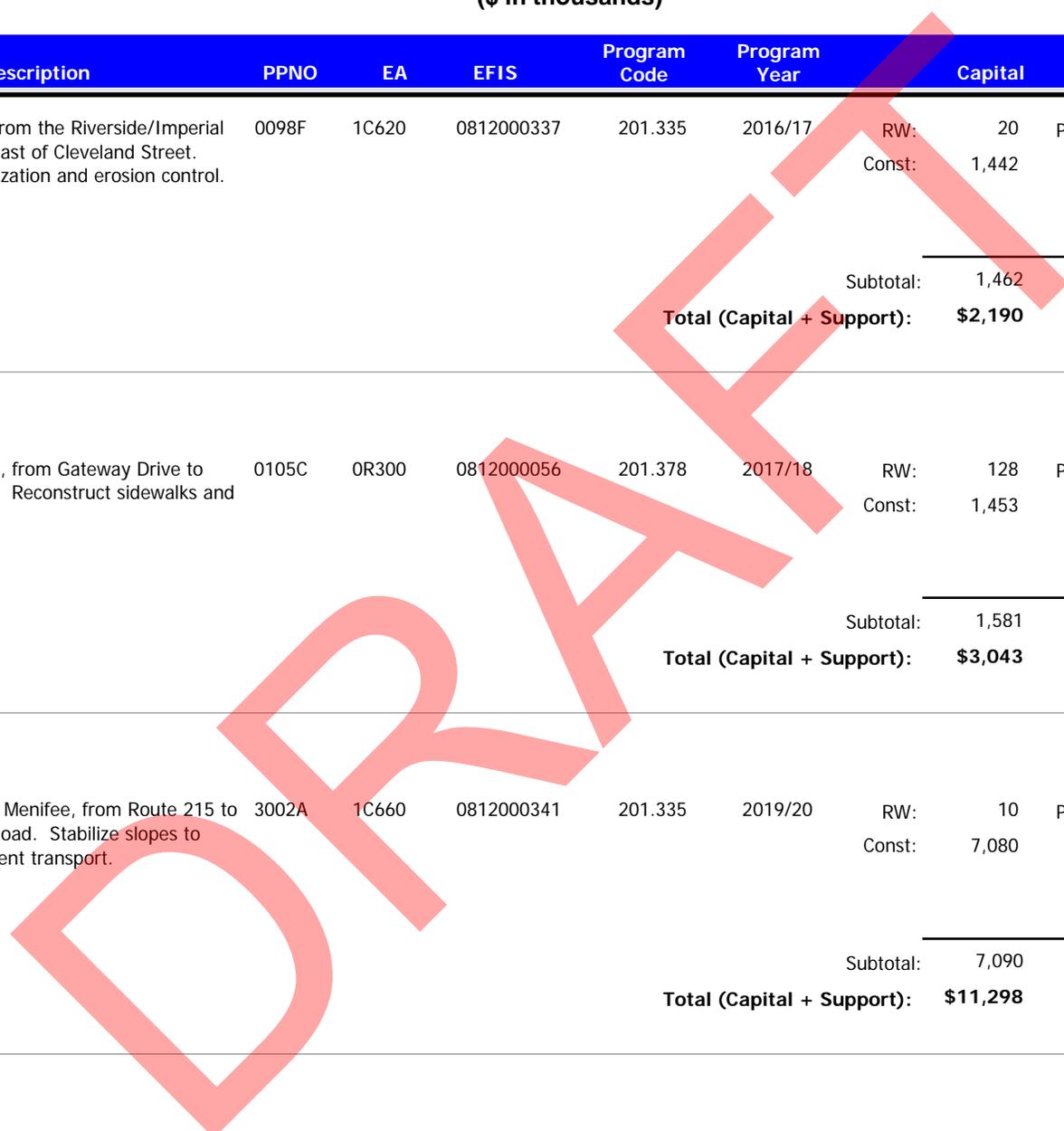
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
74	36.9/43.5	In Helmet, from Warren Avenue to Soboba Street. Construct and upgrade pedestrian facilities to current Americans with Disability Act standards.	3003P	1F590	0814000256	201.361	2019/20	RW:	246	PA&ED:	322	PA&ED:	9/15/2017
								Const:	2,188	PS&E:	1,136	RTL:	1/20/2020
										RW:	187	RW Cert:	12/20/2019
										Con:	699		
								Subtotal:	2,434		2,344		
Total (Capital + Support):								\$4,778					
74	7.0/R14.4	In and near Lake Elsinore, from 1.7 miles east of El Cariso Road to Lehr Drive. Stabilize slopes to decrease sediment transport.	3001Y	1C590	0812000334	201.335	2018/19	RW:	10	PA&ED:	310	PA&ED:	7/2/2017
								Const:	2,918	PS&E:	452	RTL:	9/2/2018
										RW:	20	RW Cert:	6/2/2018
										Con:	495		
								Subtotal:	2,928		1,277		
Total (Capital + Support):								\$4,205					
79	25.6/26.4	In Helmet, from East Florida Avenue to East Menlo Avenue. Construct and upgrade pedestrian facilities to current Americans with Disability Act standards.	3002R	1F600	0814000257	201.361	2019/20	RW:	379	PA&ED:	450	PA&ED:	8/15/2017
								Const:	1,117	PS&E:	900	RTL:	12/10/2019
										RW:	670	RW Cert:	11/15/2019
										Con:	600		
								Subtotal:	1,496		2,620		
Total (Capital + Support):								\$4,116					



**2016 SHOPP V3.0 Project List
Riverside
(\$ in thousands)**



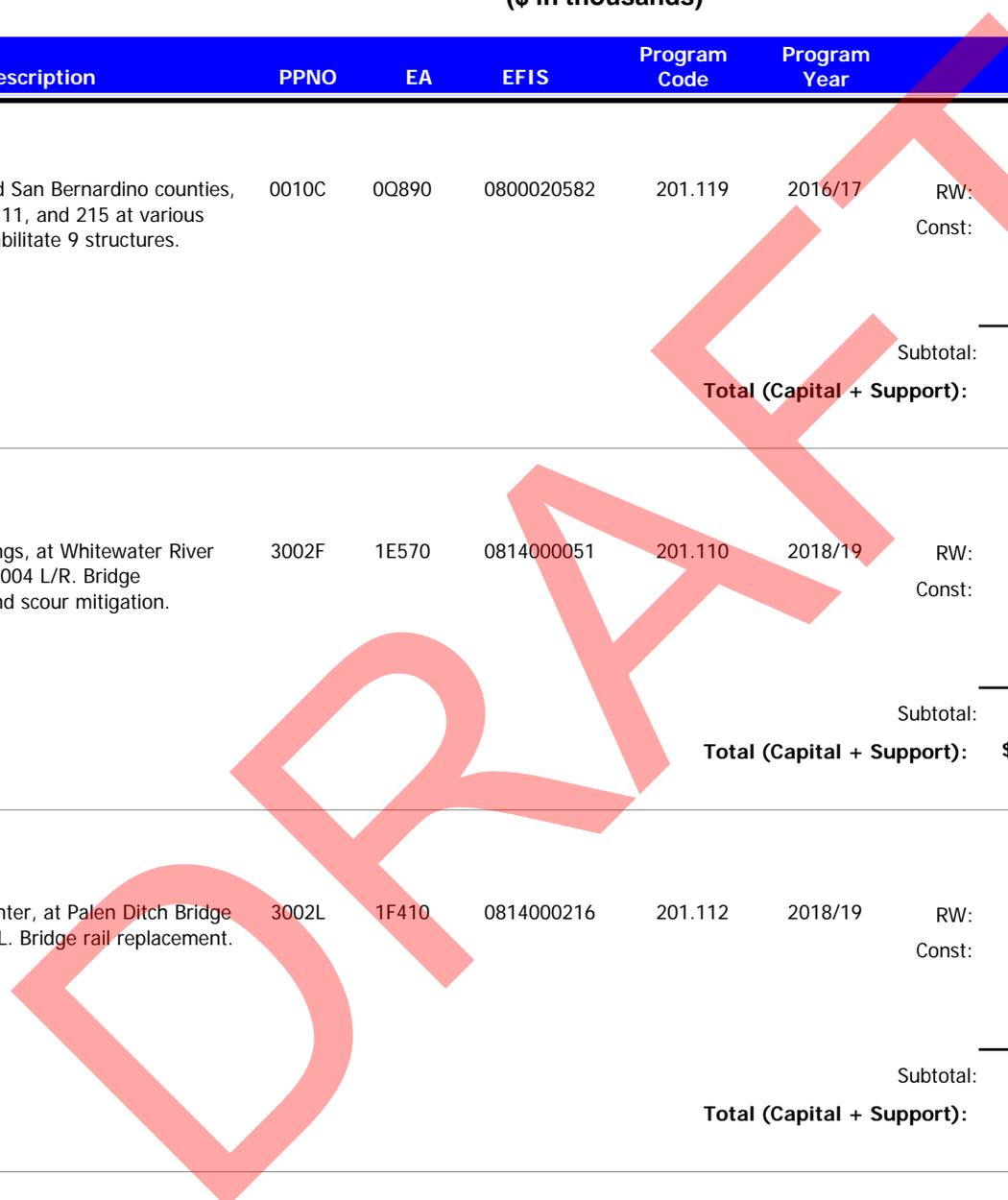
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
111	0.0/10.5	At Salton Sea, from the Riverside/Imperial County line to east of Cleveland Street. Sediment stabilization and erosion control.	0098F	1C620	0812000337	201.335	2016/17	RW:	20	PA&ED:	223	PA&ED:	4/15/2016
								Const:	1,442	PS&E:	200	RTL:	4/14/2017
										RW:	20	RW Cert:	2/15/2017
										Con:	285		
								Subtotal:	1,462		728		
Total (Capital + Support):									\$2,190				
111	47.3/55.3	In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct sidewalks and curb ramps.	0105C	0R300	0812000056	201.378	2017/18	RW:	128	PA&ED:	250	PA&ED:	6/10/2016
								Const:	1,453	PS&E:	571	RTL:	4/6/2018
										RW:	267	RW Cert:	3/6/2018
										Con:	374		
								Subtotal:	1,581		1,462		
Total (Capital + Support):									\$3,043				
215	R9.0/R16.0	In Murrieta and Menifee, from Route 215 to north of Scott Road. Stabilize slopes to decrease sediment transport.	3002A	1C660	0812000341	201.335	2019/20	RW:	10	PA&ED:	1,184	PA&ED:	7/15/2018
								Const:	7,080	PS&E:	1,795	RTL:	11/15/2019
										RW:	20	RW Cert:	6/15/2019
										Con:	1,209		
								Subtotal:	7,090		4,208		
Total (Capital + Support):									\$11,298				



2016 SHOPP V3.0 Project List Riverside (\$ in thousands)



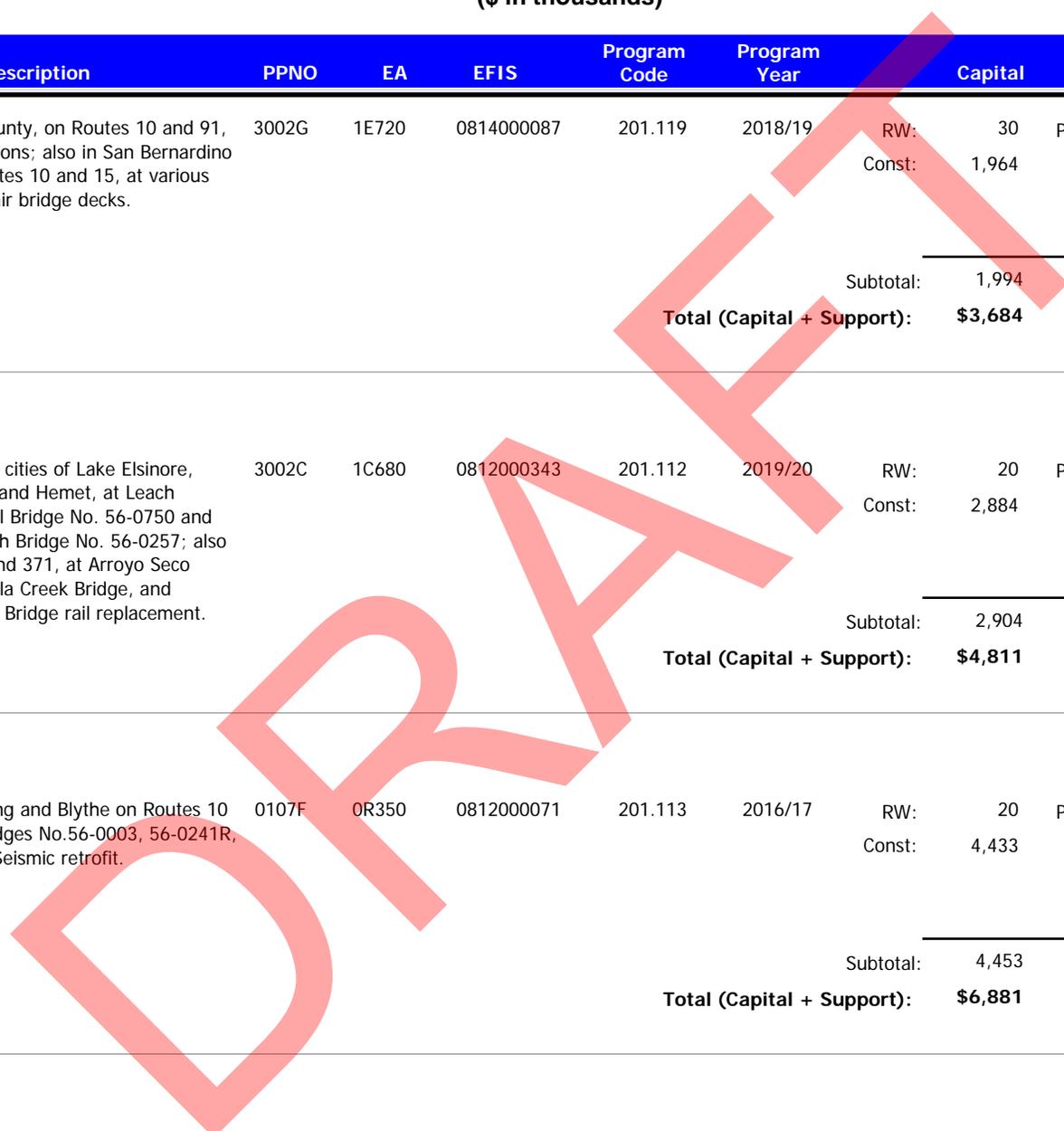
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
10		In Riverside and San Bernardino counties, on Routes 10, 111, and 215 at various locations. Rehabilitate 9 structures.	0010C	0Q890	0800020582	201.119	2016/17	RW:	20	PA&ED:	210	PA&ED:	11/30/2015
								Const:	1,802	PS&E:	652	RTL:	2/17/2017
										RW:	11	RW Cert:	1/13/2017
										Con:	452		
								Subtotal:	1,822		1,325		
								Total (Capital + Support):	\$3,147				
10	27.7	Near Palm Springs, at Whitewater River Bridge No. 56-0004 L/R. Bridge rehabilitation and scour mitigation.	3002F	1E570	0814000051	201.110	2018/19	RW:	20	PA&ED:	290	PA&ED:	10/1/2017
								Const:	10,431	PS&E:	1,645	RTL:	3/15/2019
										RW:	8	RW Cert:	1/3/2019
										Con:	2,076		
								Subtotal:	10,451		4,019		
								Total (Capital + Support):	\$14,470				
10	R110.5	Near Desert Center, at Palen Ditch Bridge No. 56-0040 R/L. Bridge rail replacement.	3002L	1F410	0814000216	201.112	2018/19	RW:	10	PA&ED:	139	PA&ED:	9/1/2017
								Const:	592	PS&E:	342	RTL:	10/1/2018
										RW:	10	RW Cert:	9/4/2018
										Con:	119		
								Subtotal:	602		610		
								Total (Capital + Support):	\$1,212				



2016 SHOPP V3.0 Project List Riverside (\$ in thousands)



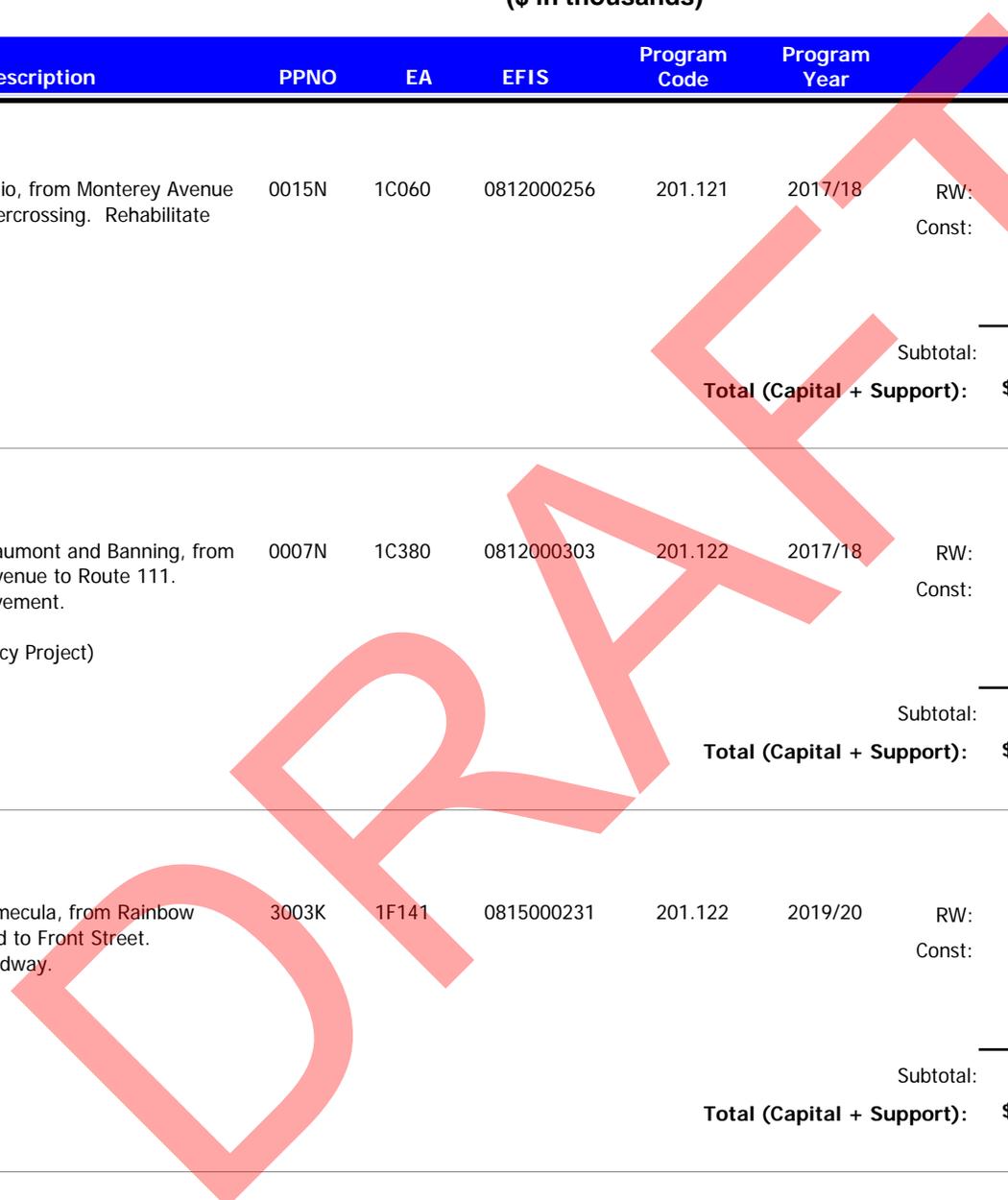
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
10	R24.5/R156.4	In Riverside County, on Routes 10 and 91, at various locations; also in San Bernardino County, on Routes 10 and 15, at various locations. Repair bridge decks.	3002G	1E720	0814000087	201.119	2018/19	RW:	30	PA&ED:	350	PA&ED:	8/31/2017
								Const:	1,964	PS&E:	720	RTL:	2/28/2019
										RW:	20	RW Cert:	1/31/2019
										Con:	600		
								Subtotal:	1,994		1,690		
Total (Capital + Support):									\$3,684				
74	13.2/34.0	In and near the cities of Lake Elsinore, Perris, Menifee and Hemet, at Leach Canyon Channel Bridge No. 56-0750 and Blue Ridge Wash Bridge No. 56-0257; also on Routes 79 and 371, at Arroyo Seco Bridge, Temecula Creek Bridge, and Cahuilla Bridge. Bridge rail replacement.	3002C	1C680	0812000343	201.112	2019/20	RW:	20	PA&ED:	505	PA&ED:	4/2/2018
								Const:	2,884	PS&E:	859	RTL:	8/1/2019
										RW:	11	RW Cert:	6/3/2019
										Con:	532		
								Subtotal:	2,904		1,907		
Total (Capital + Support):									\$4,811				
VAR		Between Banning and Blythe on Routes 10 and 111, at Bridges No.56-0003, 56-0241R, and 56-0596. Seismic retrofit.	0107F	0R350	0812000071	201.113	2016/17	RW:	20	PA&ED:	456	PA&ED:	11/5/2015
								Const:	4,433	PS&E:	1,008	RTL:	5/2/2017
										RW:	21	RW Cert:	2/2/2017
										Con:	943		
								Subtotal:	4,453		2,428		
Total (Capital + Support):									\$6,881				



2016 SHOPP V3.0 Project List Riverside (\$ in thousands)



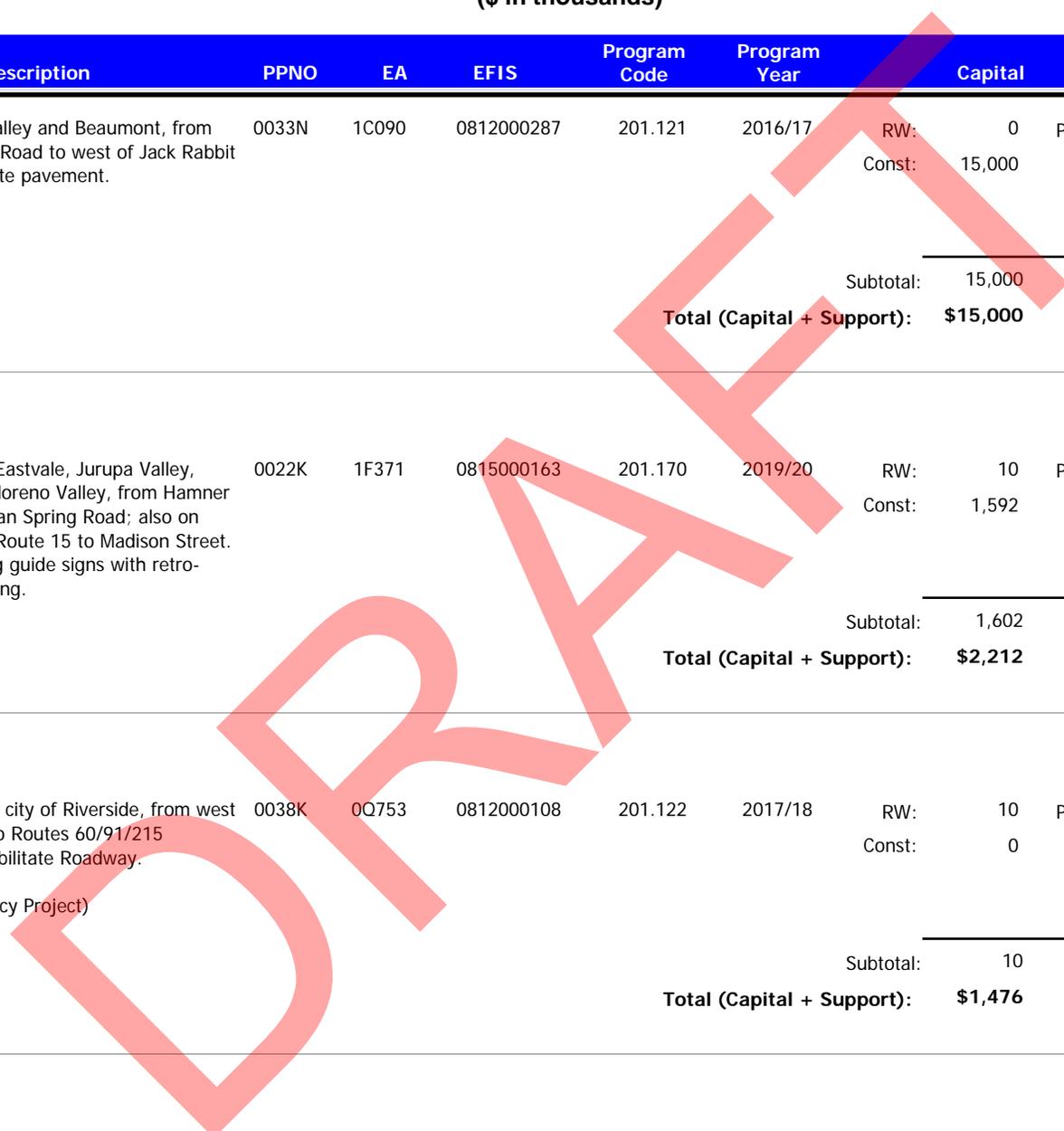
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
ROADWAY PRESERVATION												
10	44.4/R52.3	In and near Indio, from Monterey Avenue to Jefferson Overcrossing. Rehabilitate pavement.	0015N	1C060	0812000256	201.121	2017/18	RW: 5 Const: 15,210	PA&ED: 396 PS&E: 924 RW: 30 Con: 1,350	396 924 30 1,350	PA&ED: 11/1/2015 RTL: 8/1/2017 RW Cert: 6/1/2017	
								Subtotal:	15,215	2,700		
								Total (Capital + Support):	\$17,915			
10	8.2/R25.1	In and near Beaumont and Banning, from Pennsylvania Avenue to Route 111. Rehabilitate pavement. (G13 Contingency Project)	0007N	1C380	0812000303	201.122	2017/18	RW: 25 Const: 0	PA&ED: 5,191 PS&E: 10,591 RW: 291 Con: 0	5,191 10,591 291 0	PA&ED: 11/2/2015 RTL: 2/1/2018 RW Cert: 7/3/2017	
								Subtotal:	25	16,073		
								Total (Capital + Support):	\$16,098			
15	R0.0/3.0	In and near Temecula, from Rainbow Valley Boulevard to Front Street. Rehabilitate roadway.	3003K	1F141	0815000231	201.122	2019/20	RW: 10 Const: 34,890	PA&ED: 1,014 PS&E: 1,200 RW: 10 Con: 5,181	1,014 1,200 10 5,181	PA&ED: 10/2/2017 RTL: 12/2/2019 RW Cert: 8/1/2019	
								Subtotal:	34,900	7,405		
								Total (Capital + Support):	\$42,305			



2016 SHOPP V3.0 Project List Riverside (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
60	22.1/26.5	Near Moreno Valley and Beaumont, from Gilman Springs Road to west of Jack Rabbit Trail. Rehabilitate pavement.	0033N	1C090	0812000287	201.121	2016/17	RW:	0	PA&ED:	0	PA&ED:	11/5/2015
								Const:	15,000	PS&E:	0	RTL:	6/5/2017
										RW:	0	RW Cert:	5/5/2017
										Con:	0		
								Subtotal:	15,000		0		
Total (Capital + Support):									\$15,000				
60	R0.0/22.3	In the cities of Eastvale, Jurupa Valley, Riverside and Moreno Valley, from Hamner Avenue to Gilman Spring Road; also on Route 91 from Route 15 to Madison Street. Replace existing guide signs with retro-reflective sheeting.	0022K	1F371	0815000163	201.170	2019/20	RW:	10	PA&ED:	125	PA&ED:	9/1/2017
								Const:	1,592	PS&E:	260	RTL:	3/1/2020
										RW:	15	RW Cert:	9/1/2019
										Con:	210		
								Subtotal:	1,602		610		
Total (Capital + Support):									\$2,212				
60	R6.9/R12.2	In and near the city of Riverside, from west of Valley Way to Routes 60/91/215 Junction. Rehabilitate Roadway. (G13 Contingency Project)	0038K	0Q753	0812000108	201.122	2017/18	RW:	10	PA&ED:	215	PA&ED:	2/1/2016
								Const:	0	PS&E:	1,221	RTL:	12/5/2017
										RW:	30	RW Cert:	4/14/2017
										Con:	0		
								Subtotal:	10		1,466		
Total (Capital + Support):									\$1,476				



2016 SHOPP V3.0 Project List Riverside (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
62	R6.7/9.2	In and near Yucca Valley and Twentynine Palms, from north of Indian Avenue to Utah Trail; Also, in San Bernardino County (PM 0.0/15.1 and PM 29.3/33.6). Pavement rehabilitation.	0023C	1E840	0814000113	201.121	2016/17	RW:	20	PA&ED:	725	PA&ED:	2/1/2016
								Const:	35,355	PS&E:	1,900	RTL:	5/1/2017
										RW:	77	RW Cert:	2/1/2017
										Con:	2,400		
								Subtotal:	35,375		5,102		
Total (Capital + Support):								\$40,477					
74	11.0	Near Lake Elsinore, at 0.8 mile west of Grand Avenue. Stabilize slope to protect safety of traveling public.	3002J	1E770	0814000102	201.150	2018/19	RW:	10	PA&ED:	140	PA&ED:	9/30/2017
								Const:	1,082	PS&E:	250	RTL:	8/15/2018
										RW:	20	RW Cert:	4/15/2018
										Con:	400		
								Subtotal:	1,092		810		
Total (Capital + Support):								\$1,902					
MOBILITY													
10	R3.2/R5.3	In the cities of Calimesa and Beaumont, from Cherry Valley Boulevard to 14th Street/ San Timoteo Canyon Road; also on Routes 60 and 86 at various locations. Install Changeable Message Signs.	3002T	1F920	0815000059	201.315	2018/19	RW:	10	PA&ED:	425	PA&ED:	7/15/2017
								Const:	3,228	PS&E:	450	RTL:	9/17/2018
										RW:	20	RW Cert:	7/16/2018
										Con:	550		
								Subtotal:	3,238		1,445		
Total (Capital + Support):								\$4,683					



2016 SHOPP V3.0 Project List Riverside (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
60	R0.0/12.2	In and near the city of Riverside, on Route 60 from Milliken Avenue to Routes 60/91/215 Junction; also on Route 91 from Spruce Street to Routes 60/91/215 Junction. Replace transportation wireless communication system with fiber optic infrastructure.	0033R	1C640	0812000339	201.315	2016/17	RW:	7	PA&ED:	174	PA&ED:	7/23/2015
								Const:	1,928	PS&E:	350	RTL:	10/10/2016
										RW:	75	RW Cert:	4/1/2016
										Con:	350		
								Subtotal:	1,935		949		
Total (Capital + Support):								\$2,884					
91	7.4/15.6	In the cities of Corona and Riverside, from Route 15 to Adams Street; also in Upland and Rancho Cucamonga on Route 210 from Los Angeles County line to east of Etiwanda Avenue. HOV lane operational improvement.	3003Q	1G190	0815000166	201.310	2018/19	RW:	10	PA&ED:	67	PA&ED:	3/26/2018
								Const:	1,112	PS&E:	192	RTL:	2/25/2019
										RW:	10	RW Cert:	12/31/2018
										Con:	324		
								Subtotal:	1,122		593		
Total (Capital + Support):								\$1,715					
<u>ROADSIDE PRESERVATION</u>													
10	VAR	In various cities, on Routes 10, 62, 74, 86, 86S, 95 and 111, at various locations. Mandated offsite mitigation through advance mitigation for highway project. (Financial Contribution Only).	3002Q	1F560	0814000249	201.240	2018/19	RW:	3,000	PA&ED:	150	PA&ED:	FCO
								Const:	0	PS&E:	0	RTL:	1/15/2019
										RW:	15	RW Cert:	FCO
										Con:	0		
								Subtotal:	3,000		165		
Total (Capital + Support):								\$3,165					



**2016 SHOPP V3.0 Project List
Riverside
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
								RW: 7,245	PA&ED: 25,150		
								Const: 307,593	PS&E: 43,107		
									RW: 5,086		
									Con: 41,851		
								<hr/>			
								Subtotal: 314,838		115,194	
Riverside County Total (Capital + Support):								\$430,032			

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**2016 SHOPP V3.0 Project List
Sacramento
(\$ in thousands)**

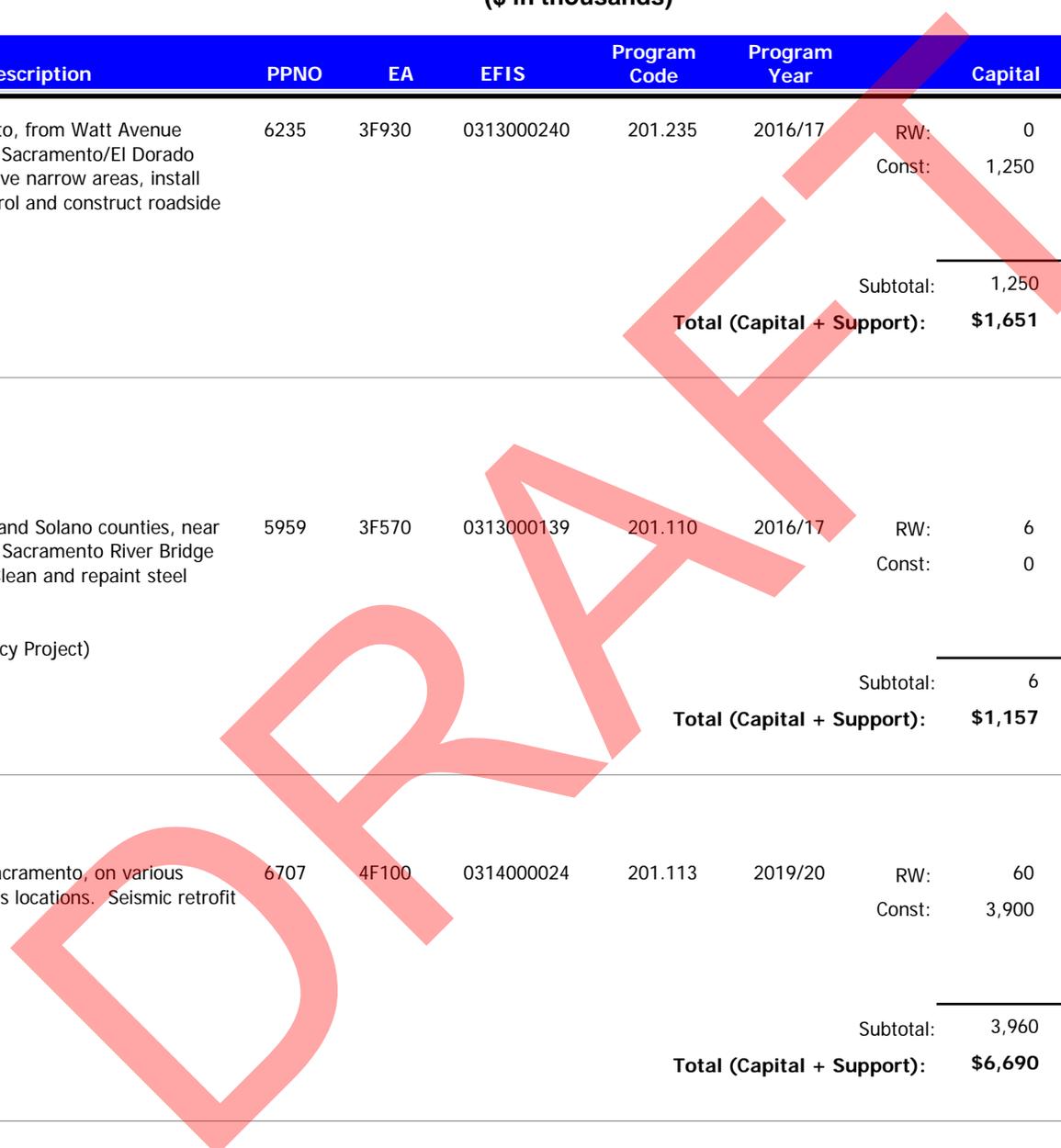


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
5	0.1/34.6	In Sacramento County on Routes 5, 80, and 99 at various locations; also in Yolo County on Route 80 (PM 0.0/R11.7). Upgrade guard rail to current standards.	5850	4F640	0314000232	201.015	2018/19	RW:	15	PA&ED:	335	PA&ED:	6/1/2017
								Const:	2,280	PS&E:	565	RTL:	10/1/2018
										RW:	115	RW Cert:	9/1/2018
										Con:	295		
								Subtotal:	2,295		1,310		
								Total (Capital + Support):	\$3,605				
5	33.7	Near the city of Sacramento, at the Elkhorn Safety Roadside Rest Area (SRRRA). Upgrade potable water and wastewater systems.	5848	4F580	0314000186	201.235	2018/19	RW:	4	PA&ED:	380	PA&ED:	9/9/2017
								Const:	3,000	PS&E:	370	RTL:	9/9/2018
										RW:	50	RW Cert:	9/1/2018
										Con:	810		
								Subtotal:	3,004		1,610		
								Total (Capital + Support):	\$4,614				
50	L0.3/L2.4	In the city of Sacramento, from Route 5 to Route 51; also, on Route 51 from Route 50 to east of Arden Way (PM 0.0/4.2). Upgrade guardrail to current standards.	6241	4F610	0314000229	201.015	2017/18	RW:	20	PA&ED:	200	PA&ED:	2/2/2017
								Const:	3,000	PS&E:	480	RTL:	2/1/2018
										RW:	20	RW Cert:	2/1/2018
										Con:	650		
								Subtotal:	3,020		1,350		
								Total (Capital + Support):	\$4,370				

**2016 SHOPP V3.0 Project List
Sacramento
(\$ in thousands)**



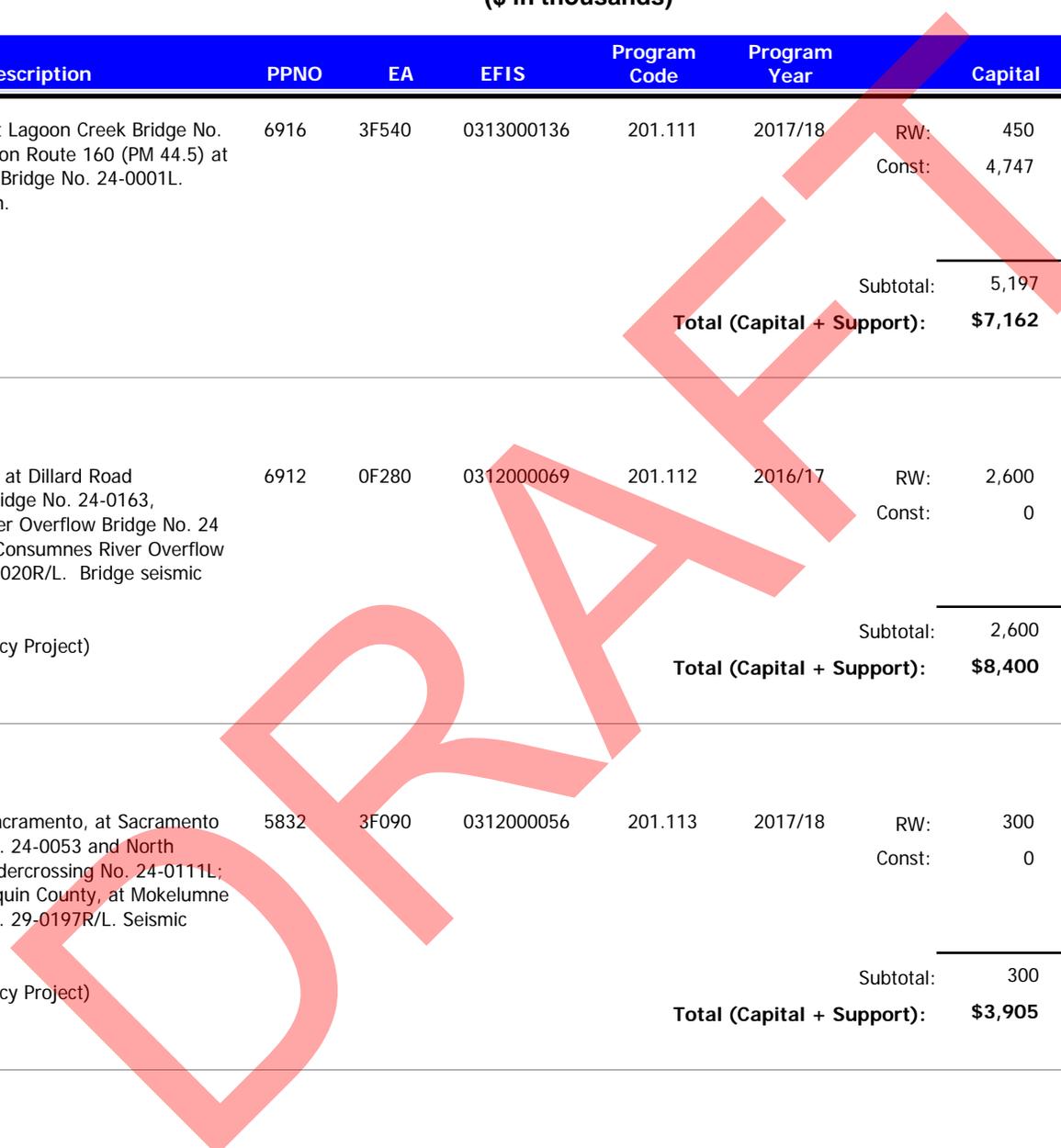
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
50	R5.3/23.1	Near Sacramento, from Watt Avenue overcrossing to Sacramento/El Dorado County line. Pave narrow areas, install vegetation control and construct roadside signs.	6235	3F930	0313000240	201.235	2016/17	RW:	0	PA&ED:	118	PA&ED:	9/1/2015
								Const:	1,250	PS&E:	135	RTL:	11/25/2016
										RW:	30	RW Cert:	11/10/2016
										Con:	118		
								Subtotal:	1,250		401		
Total (Capital + Support):									\$1,651				
BRIDGE PRESERVATION													
12	0.0/0.4	In Sacramento and Solano counties, near Rio Vista at the Sacramento River Bridge No. 23-0024. Clean and repaint steel surfaces. (G13 Contingency Project)	5959	3F570	0313000139	201.110	2016/17	RW:	6	PA&ED:	461	PA&ED:	1/1/2016
								Const:	0	PS&E:	635	RTL:	3/1/2017
										RW:	55	RW Cert:	2/1/2017
										Con:	0		
								Subtotal:	6		1,151		
Total (Capital + Support):									\$1,157				
51	VAR	In the city of Sacramento, on various routes at various locations. Seismic retrofit four structures.	6707	4F100	0314000024	201.113	2019/20	RW:	60	PA&ED:	480	PA&ED:	9/1/2017
								Const:	3,900	PS&E:	1,070	RTL:	9/15/2019
										RW:	80	RW Cert:	8/1/2019
										Con:	1,100		
								Subtotal:	3,960		2,730		
Total (Capital + Support):									\$6,690				



2016 SHOPP V3.0 Project List Sacramento (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
99	4.9	On Route 99, at Lagoon Creek Bridge No. 24-0045L; also on Route 160 (PM 44.5) at American River Bridge No. 24-0001L. Scour mitigation.	6916	3F540	0313000136	201.111	2017/18	RW:	450	PA&ED:	298	PA&ED:	6/1/2016
								Const:	4,747	PS&E:	586	RTL:	2/15/2018
										RW:	22	RW Cert:	2/1/2018
										Con:	1,059		
								Subtotal:	5,197		1,965		
Total (Capital + Support):								\$7,162					
99	7.4/8.4	Near Elk Grove, at Dillard Road Overcrossing Bridge No. 24-0163, Consumnes River Overflow Bridge No. 24-0021R/L, and Consumnes River Overflow Bridge No. 24-0020R/L. Bridge seismic retrofit. (G13 Contingency Project)	6912	0F280	0312000069	201.112	2016/17	RW:	2,600	PA&ED:	1,700	PA&ED:	2/25/2015
								Const:	0	PS&E:	3,500	RTL:	3/1/2017
										RW:	600	RW Cert:	2/1/2017
										Con:	0		
								Subtotal:	2,600		5,800		
Total (Capital + Support):								\$8,400					
160	20.9	In the city of Sacramento, at Sacramento River Bridge No. 24-0053 and North Sacramento Undercrossing No. 24-0111L; also in San Joaquin County, at Mokelumne River Bridge No. 29-0197R/L. Seismic retrofit. (G13 Contingency Project)	5832	3F090	0312000056	201.113	2017/18	RW:	300	PA&ED:	405	PA&ED:	6/1/2016
								Const:	0	PS&E:	3,000	RTL:	4/23/2018
										RW:	200	RW Cert:	3/2/2018
										Con:	0		
								Subtotal:	300		3,605		
Total (Capital + Support):								\$3,905					



2016 SHOPP V3.0 Project List Sacramento (\$ in thousands)



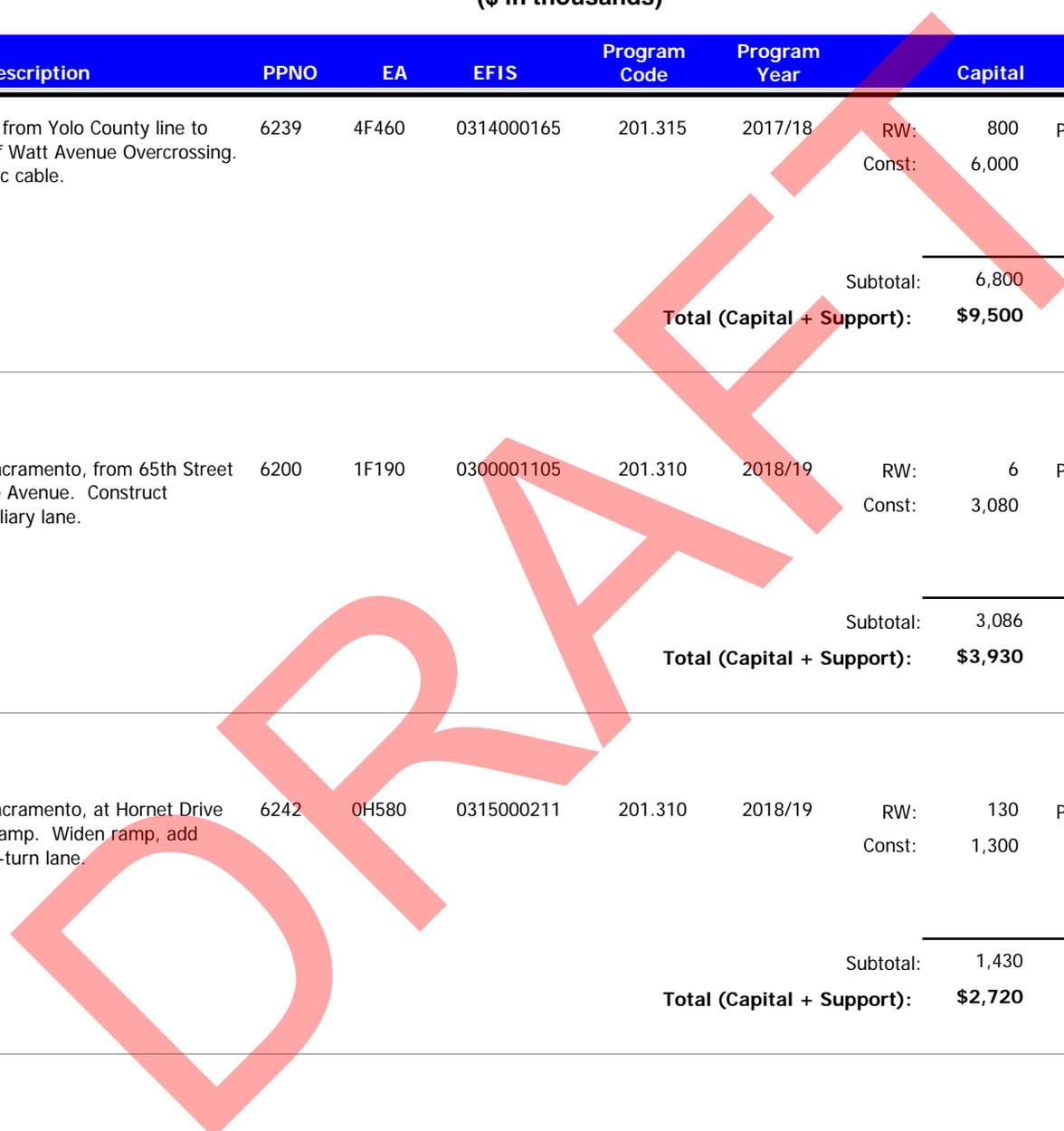
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
80	M1.2/R11.3	In and near the city of Sacramento, from west of West El Camino Avenue to east of Route 244. Pavement rehabilitation.	6711	0H470	0315000197	201.121	2018/19	RW:	25	PA&ED:	550	PA&ED:	10/3/2017
								Const:	10,515	PS&E:	1,110	RTL:	1/11/2019
										RW:	105	RW Cert:	12/11/2018
										Con:	2,000		
								Subtotal:	10,540			3,765	
								Total (Capital + Support):	\$14,305				
<hr/>													
160	L4.2/L10.8	In Isleton, from 1.4 miles south of Sherman Island Levee Road to Route 12. Rehabilitate pavement.	7279	0F320	0300020595	201.121	2016/17	RW:	0	PA&ED:	420	PA&ED:	8/26/2015
								Const:	5,072	PS&E:	570	RTL:	7/1/2016
										RW:	20	RW Cert:	6/1/2016
										Con:	1,100		
								Subtotal:	5,072			2,110	
								Total (Capital + Support):	\$7,182				
<hr/>													
MOBILITY													
5	16.1/26.7	In Sacramento, from Pocket Road Overcrossing to Route 5/80 Separation. Install fiber optic cable. (G13 Contingency Project)	5846	4F450	0314000164	201.315	2016/17	RW:	600	PA&ED:	540	PA&ED:	4/15/2016
								Const:	0	PS&E:	900	RTL:	1/4/2017
										RW:	440	RW Cert:	12/1/2016
										Con:	0		
								Subtotal:	600			1,880	
								Total (Capital + Support):	\$2,480				



**2016 SHOPP V3.0 Project List
Sacramento
(\$ in thousands)**



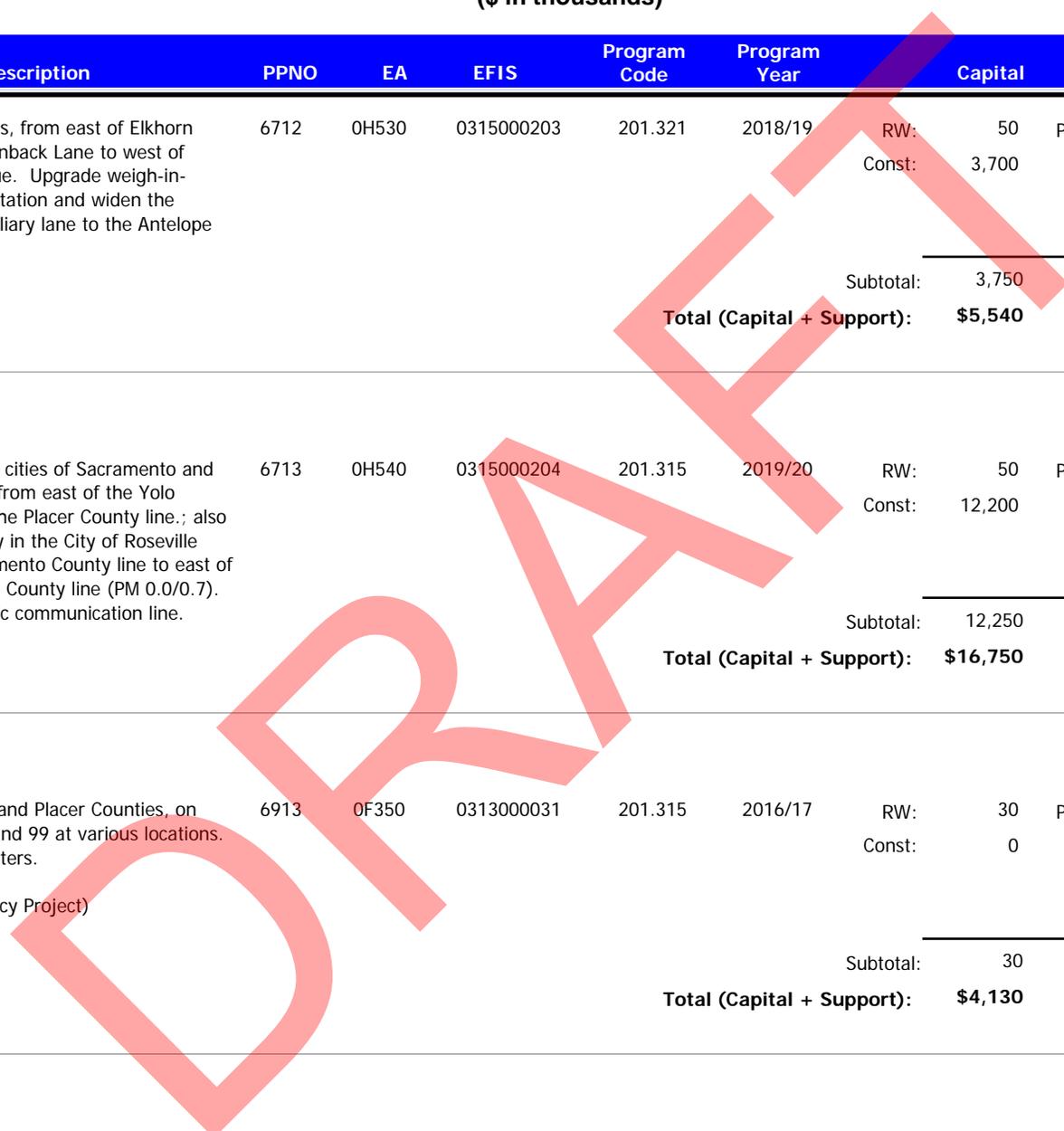
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
50	L0.0/R5.1	In Sacramento, from Yolo County line to 0.2 mile west of Watt Avenue Overcrossing. Install fiber optic cable.	6239	4F460	0314000165	201.315	2017/18	RW:	800	PA&ED:	400	PA&ED:	2/1/2016
								Const:	6,000	PS&E:	700	RTL:	10/1/2017
										RW:	400	RW Cert:	9/1/2017
										Con:	1,200		
								Subtotal:	6,800		2,700		
Total (Capital + Support):								\$9,500					
50	R2.6/R3.8	In the city of Sacramento, from 65th Street to east of Howe Avenue. Construct westbound auxiliary lane.	6200	1F190	0300001105	201.310	2018/19	RW:	6	PA&ED:	155	PA&ED:	7/1/2016
								Const:	3,080	PS&E:	265	RTL:	4/1/2019
										RW:	4	RW Cert:	1/1/2017
										Con:	420		
								Subtotal:	3,086		844		
Total (Capital + Support):								\$3,930					
50	R3.5	In the city of Sacramento, at Hornet Drive eastbound off-ramp. Widen ramp, add signal and right-turn lane.	6242	0H580	0315000211	201.310	2018/19	RW:	130	PA&ED:	250	PA&ED:	11/11/2016
								Const:	1,300	PS&E:	450	RTL:	7/7/2018
										RW:	130	RW Cert:	7/2/2018
										Con:	460		
								Subtotal:	1,430		1,290		
Total (Capital + Support):								\$2,720					



2016 SHOPP V3.0 Project List Sacramento (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
80	15.2/17.0	In Citrus Heights, from east of Elkhorn Boulevard/Greenback Lane to west of Riverside Avenue. Upgrade weigh-in-motion (WIM) station and widen the westbound auxiliary lane to the Antelope Truck Scales.	6712	0H530	0315000203	201.321	2018/19	RW:	50	PA&ED:	350	PA&ED:	10/1/2017
								Const:	3,700	PS&E:	600	RTL:	10/1/2018
										RW:	100	RW Cert:	9/1/2018
										Con:	740		
								Subtotal:	3,750		1,790		
Total (Capital + Support):								\$5,540					
80	M0.1/18.0	In and near the cities of Sacramento and Citrus Heights, from east of the Yolo County line to the Placer County line.; also in Placer County in the City of Roseville from the Sacramento County line to east of the Sacramento County line (PM 0.0/0.7). Install fiber optic communication line.	6713	0H540	0315000204	201.315	2019/20	RW:	50	PA&ED:	1,200	PA&ED:	1/1/2018
								Const:	12,200	PS&E:	1,200	RTL:	10/1/2019
										RW:	300	RW Cert:	9/1/2019
										Con:	1,800		
								Subtotal:	12,250		4,500		
Total (Capital + Support):								\$16,750					
99	15.7/23.8	In Sacramento and Placer Counties, on Routes 51, 65 and 99 at various locations. Install ramp meters. (G13 Contingency Project)	6913	0F350	0313000031	201.315	2016/17	RW:	30	PA&ED:	1,000	PA&ED:	10/1/2015
								Const:	0	PS&E:	2,100	RTL:	11/15/2016
										RW:	1,000	RW Cert:	11/1/2016
										Con:	0		
								Subtotal:	30		4,100		
Total (Capital + Support):								\$4,130					



**2016 SHOPP V3.0 Project List
Sacramento
(\$ in thousands)**



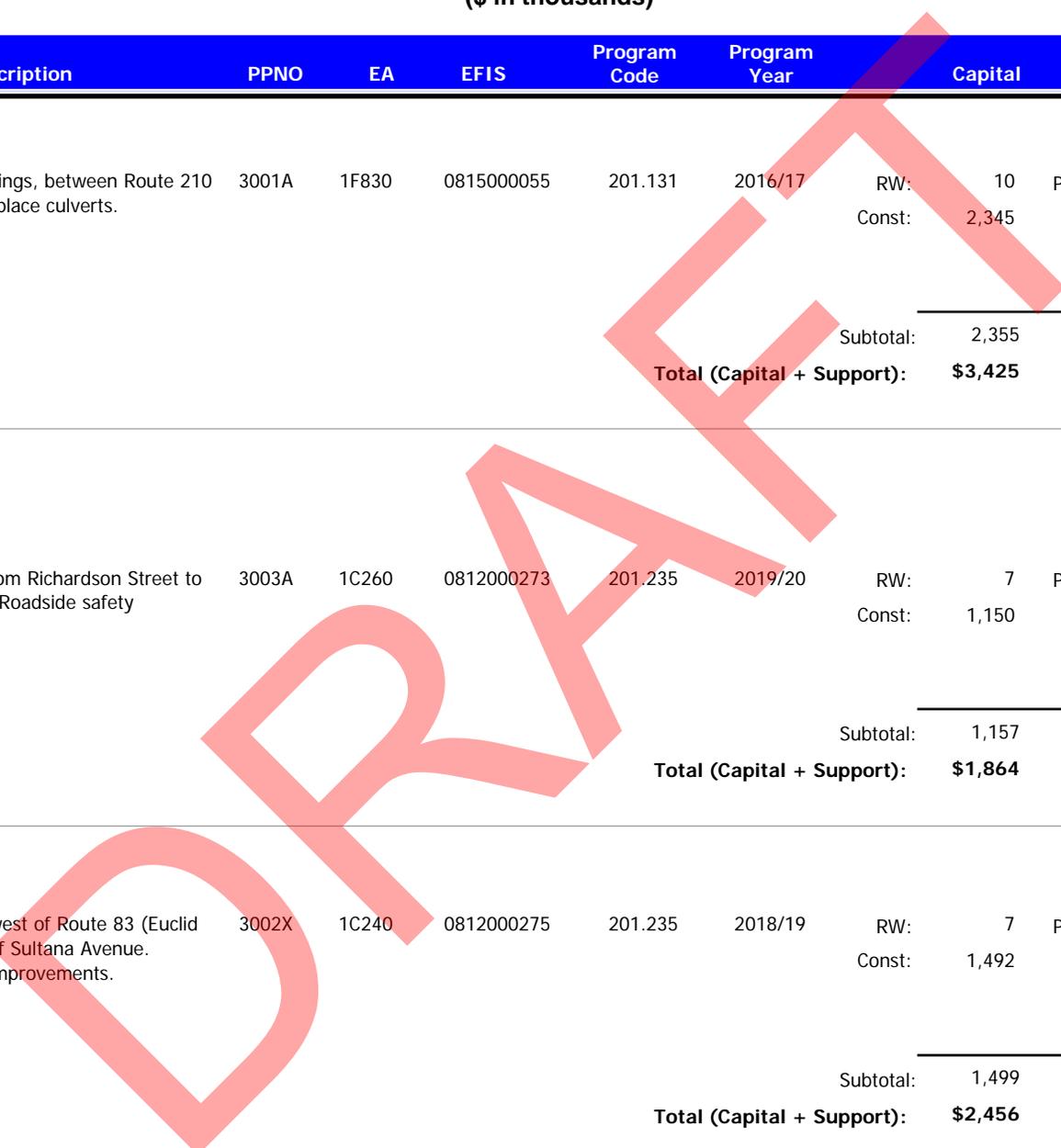
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
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								Const: 60,044	PS&E: 18,236	
									RW: 3,671	
									Con: 11,752	
								<hr/>		
								Subtotal: 65,190	42,901	
Sacramento County Total (Capital + Support):								\$108,091		

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**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



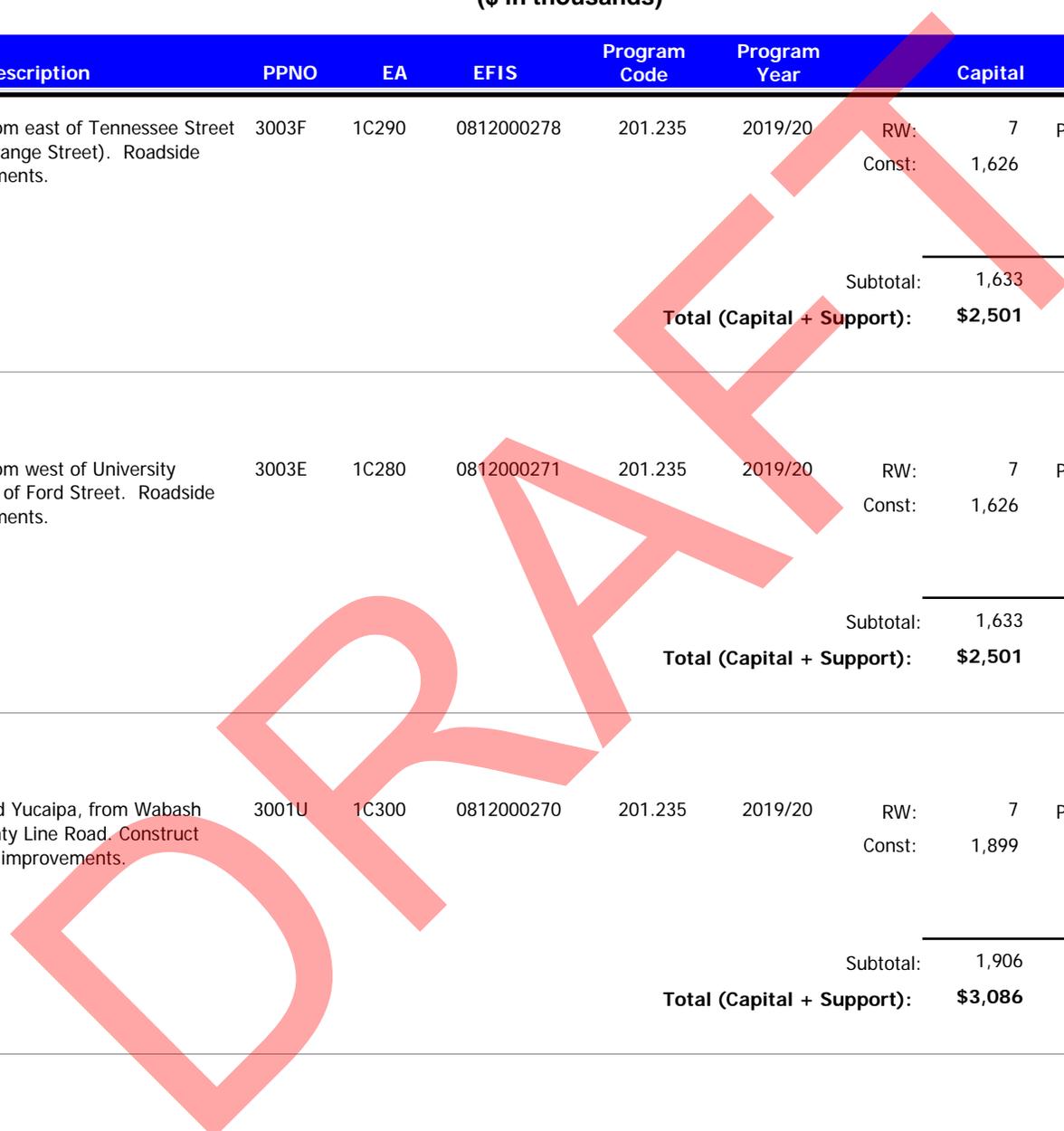
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
330	39.6/39.7	Near Running Springs, between Route 210 and Route 18. Replace culverts.	3001A	1F830	0815000055	201.131	2016/17	RW:	10	PA&ED:	400	PA&ED:	5/1/2016
								Const:	2,345	PS&E:	300	RTL:	6/16/2017
										RW:	25	RW Cert:	5/1/2017
										Con:	345		
								Subtotal:	2,355		1,070		
								Total (Capital + Support):	\$3,425				
COLLISION REDUCTION													
10	26.8/27.3	In Loma Linda, from Richardson Street to Sterling Avenue. Roadside safety improvements.	3003A	1C260	0812000273	201.235	2019/20	RW:	7	PA&ED:	217	PA&ED:	12/21/2018
								Const:	1,150	PS&E:	240	RTL:	12/27/2019
										RW:	27	RW Cert:	11/21/2019
										Con:	223		
								Subtotal:	1,157		707		
								Total (Capital + Support):	\$1,864				
10	3.2/3.9	In Upland, from west of Route 83 (Euclid Avenue) to east of Sultana Avenue. Roadside safety improvements.	3002X	1C240	0812000275	201.235	2018/19	RW:	7	PA&ED:	290	PA&ED:	3/28/2017
								Const:	1,492	PS&E:	338	RTL:	7/12/2018
										RW:	35	RW Cert:	2/22/2018
										Con:	294		
								Subtotal:	1,499		957		
								Total (Capital + Support):	\$2,456				



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
10	30.0/30.9	In Redlands, from east of Tennessee Street to Route 38 (Orange Street). Roadside safety improvements.	3003F	1C290	0812000278	201.235	2019/20	RW:	7	PA&ED:	256	PA&ED:	1/11/2019
								Const:	1,626	PS&E:	299	RTL:	1/24/2020
										RW:	32	RW Cert:	12/13/2019
										Con:	281		
								Subtotal:	1,633		868		
Total (Capital + Support):									\$2,501				
10	31.7/32.9	In Redlands, from west of University Avenue to west of Ford Street. Roadside safety improvements.	3003E	1C280	0812000271	201.235	2019/20	RW:	7	PA&ED:	256	PA&ED:	12/28/2018
								Const:	1,626	PS&E:	299	RTL:	1/10/2020
										RW:	32	RW Cert:	11/15/2019
										Con:	281		
								Subtotal:	1,633		868		
Total (Capital + Support):									\$2,501				
10	34.2/R39.1	In Redlands and Yucaipa, from Wabash Avenue to County Line Road. Construct roadside safety improvements.	3001U	1C300	0812000270	201.235	2019/20	RW:	7	PA&ED:	358	PA&ED:	1/25/2019
								Const:	1,899	PS&E:	417	RTL:	2/28/2020
										RW:	43	RW Cert:	12/31/2019
										Con:	362		
								Subtotal:	1,906		1,180		
Total (Capital + Support):									\$3,086				



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



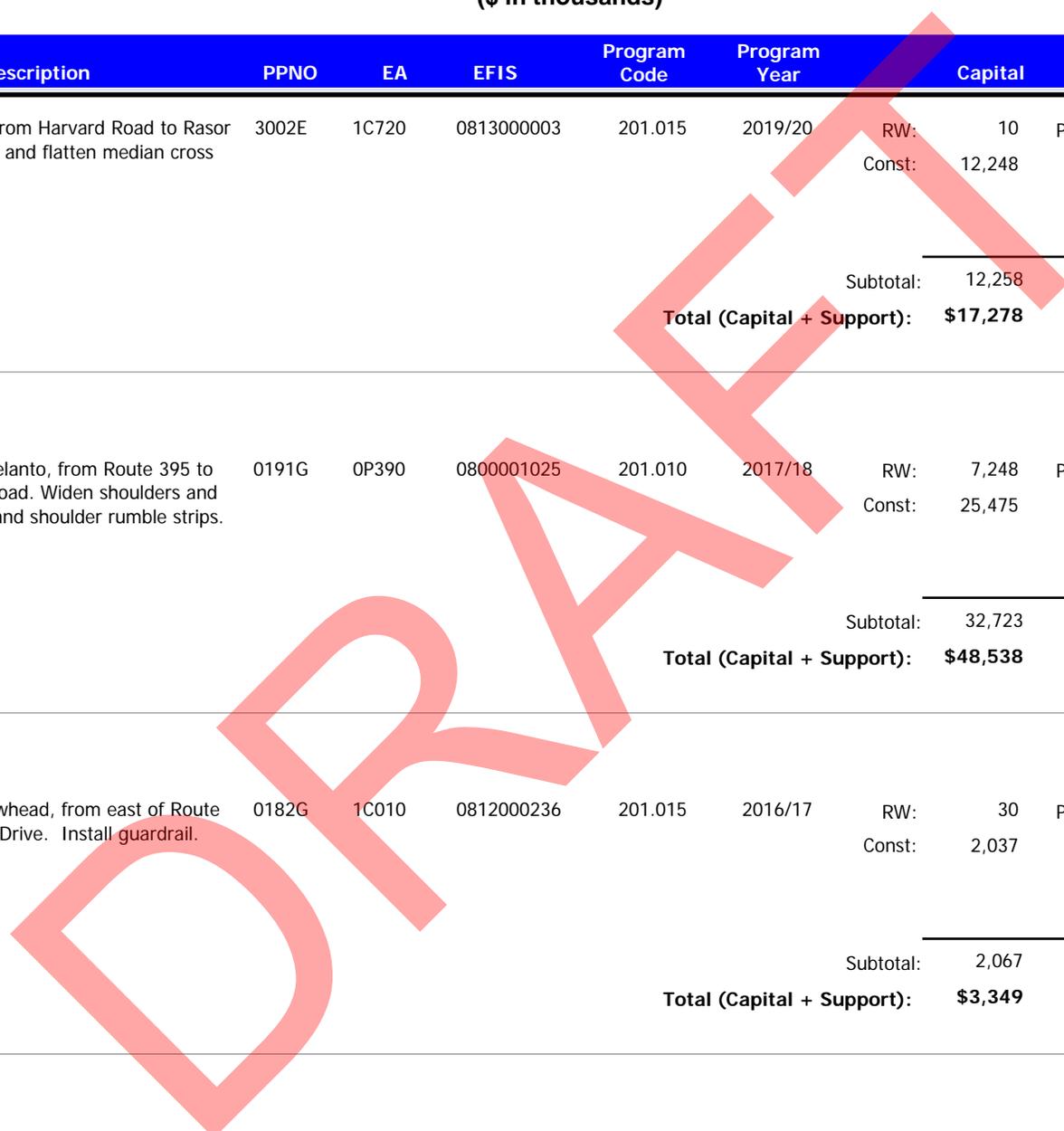
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
10	5.9/6.4	In Ontario, from 0.2 mile west to 0.3 mile east of Vineyard Avenue. Roadside safety improvements.	3002Y	1C250	0812000274	201.235	2018/19	RW:	7	PA&ED:	256	PA&ED:	4/11/2017
								Const:	1,316	PS&E:	298	RTL:	8/24/2018
										RW:	31	RW Cert:	3/16/2018
										Con:	259		
								Subtotal:	1,323		844		
Total (Capital + Support):								\$2,167					
10	R21.6/R23.6	In Colton, from west of Rancho Avenue to Warm Creek Bridge. Roadway safety improvements.	3001T	1C330	0812000282	201.235	2019/20	RW:	7	PA&ED:	354	PA&ED:	2/16/2018
								Const:	2,203	PS&E:	417	RTL:	7/12/2019
										RW:	43	RW Cert:	1/18/2019
										Con:	362		
								Subtotal:	2,210		1,176		
Total (Capital + Support):								\$3,386					
15	37.8/40.2	In Victorville, from Bear Valley Road to Palmdale Road (Route 18). Install northbound outer separation barrier.	0178R	1E010	0813000117	201.010	2016/17	RW:	10	PA&ED:	373	PA&ED:	5/18/2015
								Const:	1,582	PS&E:	1,015	RTL:	8/15/2016
										RW:	17	RW Cert:	7/5/2016
										Con:	976		
								Subtotal:	1,592		2,381		
Total (Capital + Support):								\$3,973					



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



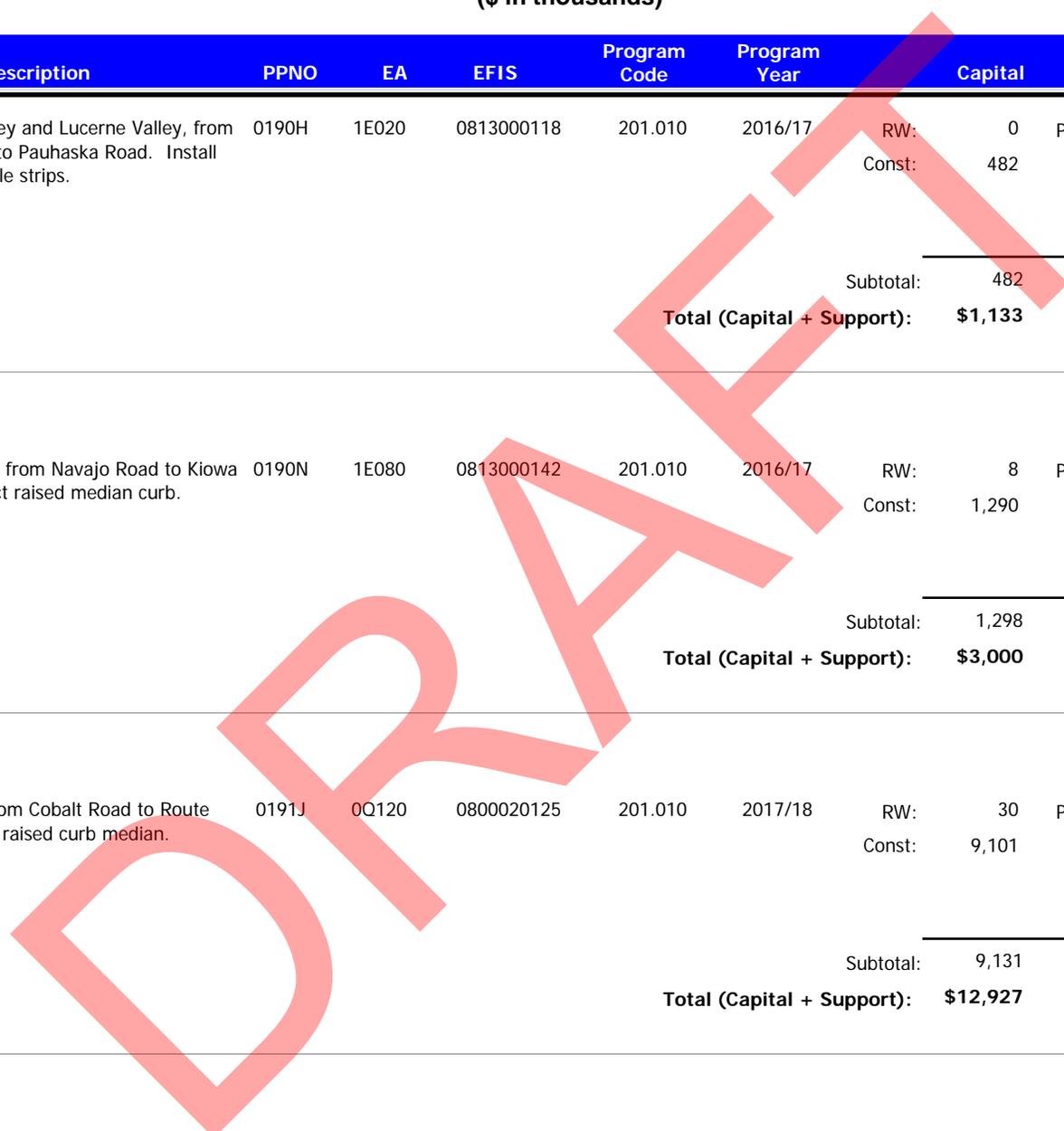
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
15	R96.1/R124.3	Near Barstow, from Harvard Road to Rasor Road. Re-grade and flatten median cross slope.	3002E	1C720	0813000003	201.015	2019/20	RW:	10	PA&ED:	890	PA&ED:	9/12/2017
								Const:	12,248	PS&E:	920	RTL:	10/30/2019
										RW:	50	RW Cert:	9/30/2019
										Con:	3,160		
								Subtotal:	12,258		5,020		
Total (Capital + Support):								\$17,278					
18	101.5/115.9	In and near Adelanto, from Route 395 to west of Oasis Road. Widen shoulders and add centerline and shoulder rumble strips.	0191G	0P390	0800001025	201.010	2017/18	RW:	7,248	PA&ED:	3,101	PA&ED:	10/15/2015
								Const:	25,475	PS&E:	2,060	RTL:	4/16/2018
										RW:	6,599	RW Cert:	3/15/2018
										Con:	4,055		
								Subtotal:	32,723		15,815		
Total (Capital + Support):								\$48,538					
18	24.9/29.9	Near Lake Arrowhead, from east of Route 173 to Nob Hill Drive. Install guardrail.	0182G	1C010	0812000236	201.015	2016/17	RW:	30	PA&ED:	300	PA&ED:	12/22/2015
								Const:	2,037	PS&E:	562	RTL:	2/24/2017
										RW:	45	RW Cert:	1/31/2017
										Con:	375		
								Subtotal:	2,067		1,282		
Total (Capital + Support):								\$3,349					



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



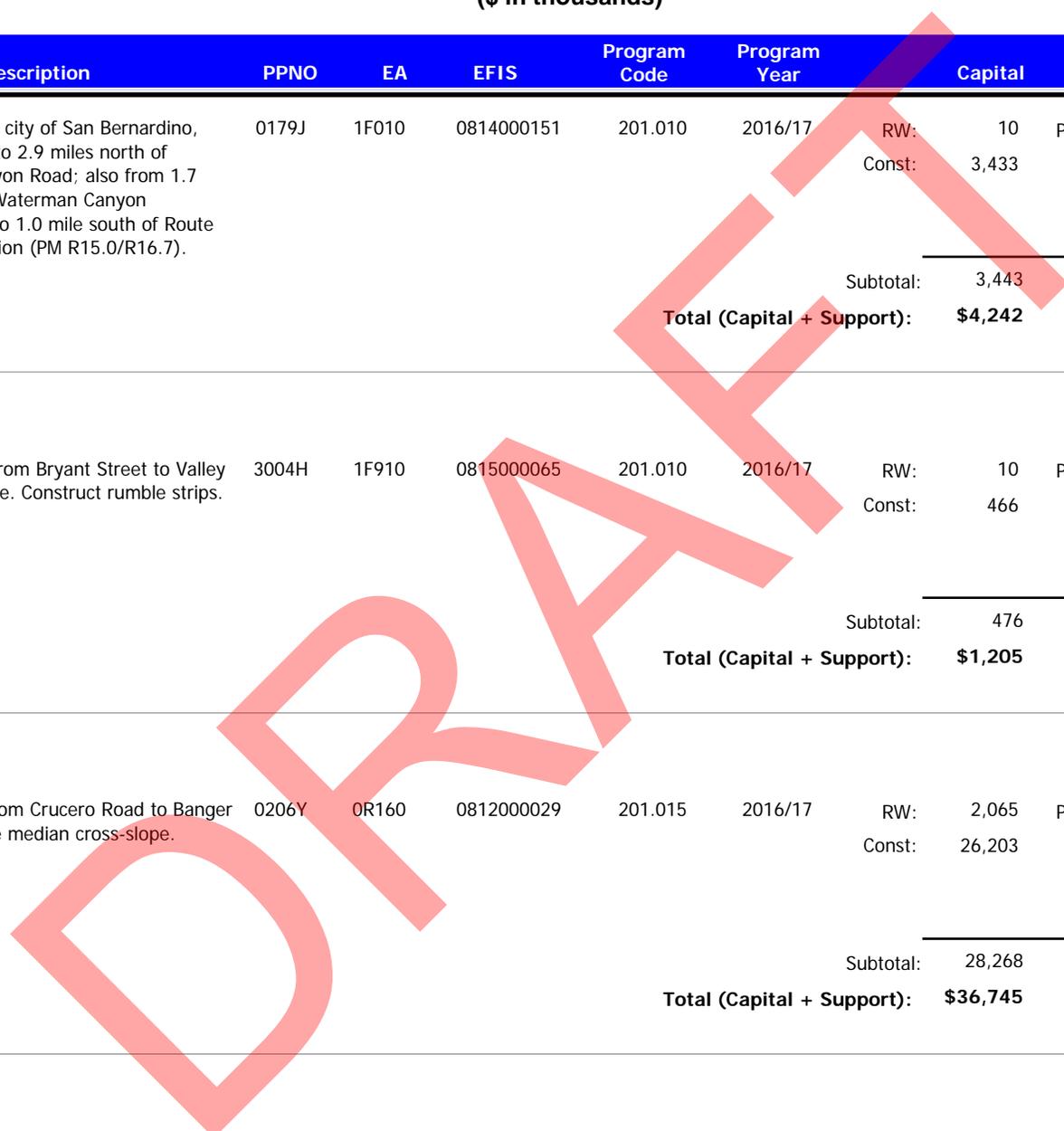
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
18	75.5/87.6	Near Apple Valley and Lucerne Valley, from Custer Avenue to Pauhaska Road. Install ground-in rumble strips.	0190H	1E020	0813000118	201.010	2016/17	RW:	0	PA&ED:	216	PA&ED:	2/23/2015
								Const:	482	PS&E:	309	RTL:	2/1/2016
										RW:	3	RW Cert:	1/15/2016
										Con:	123		
								Subtotal:	482		651		
Total (Capital + Support):								\$1,133					
18	88.9/89.6	In Apple Valley, from Navajo Road to Kiowa Road. Construct raised median curb.	0190N	1E080	0813000142	201.010	2016/17	RW:	8	PA&ED:	267	PA&ED:	7/28/2015
								Const:	1,290	PS&E:	464	RTL:	9/15/2016
										RW:	38	RW Cert:	8/5/2016
										Con:	933		
								Subtotal:	1,298		1,702		
Total (Capital + Support):								\$3,000					
18	99.4/100.9	In Victorville, from Cobalt Road to Route 395. Construct raised curb median.	0191J	0Q120	0800020125	201.010	2017/18	RW:	30	PA&ED:	1,123	PA&ED:	3/4/2016
								Const:	9,101	PS&E:	1,297	RTL:	2/12/2018
										RW:	164	RW Cert:	1/12/2018
										Con:	1,212		
								Subtotal:	9,131		3,796		
Total (Capital + Support):								\$12,927					



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



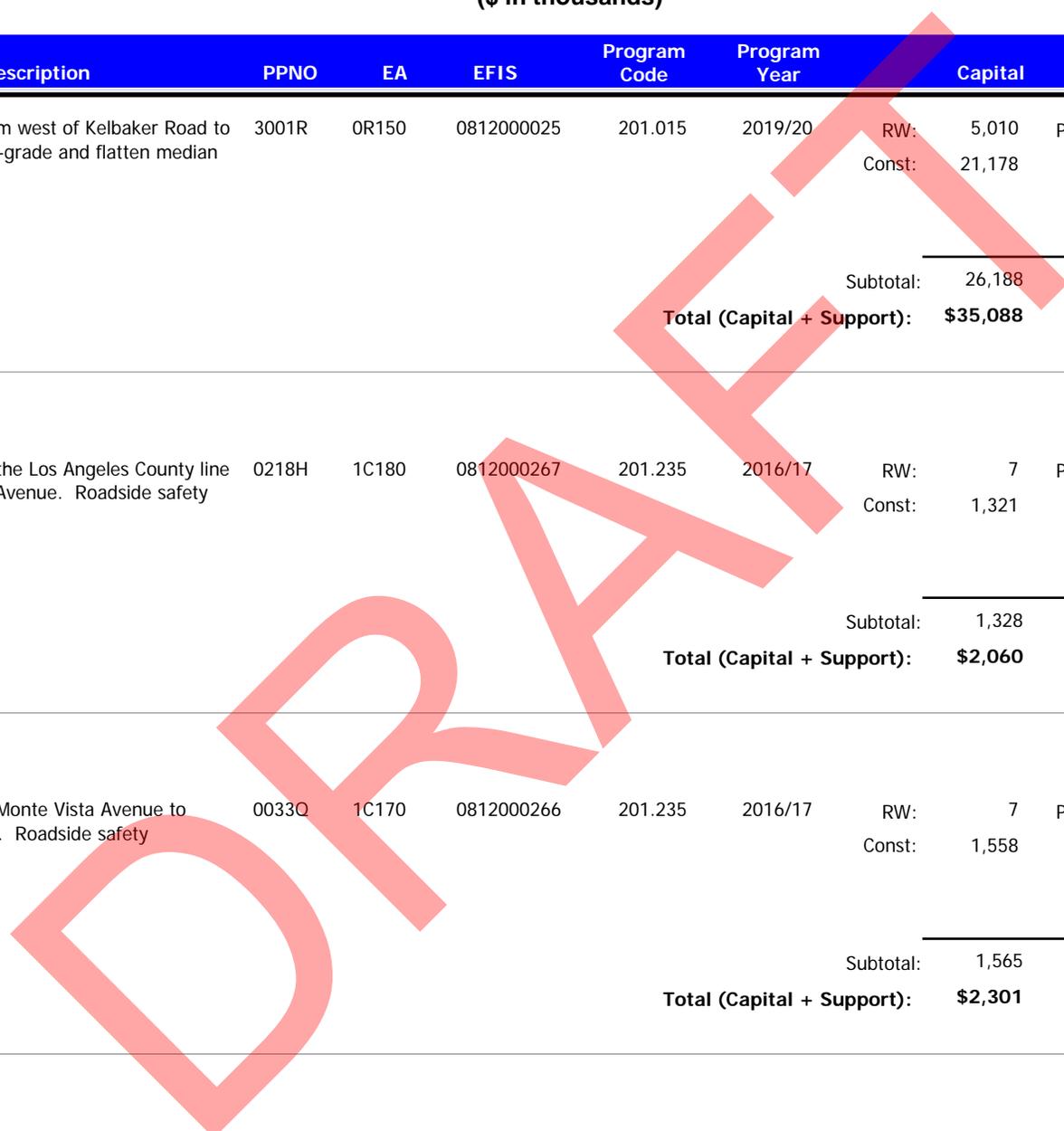
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
18	R11.5/R12.0	In and near the city of San Bernardino, from 2.4 miles to 2.9 miles north of Waterman Canyon Road; also from 1.7 miles north of Waterman Canyon Undercrossing to 1.0 mile south of Route 18/138 Separation (PM R15.0/R16.7).	0179J	1F010	0814000151	201.010	2016/17	RW:	10	PA&ED:	155	PA&ED:	9/15/2015
								Const:	3,433	PS&E:	447	RTL:	9/15/2016
										RW:	8	RW Cert:	8/16/2016
										Con:	189		
								Subtotal:	3,443		799		
Total (Capital + Support):								\$4,242					
38	8.5/15.0	Near Yucaipa, from Bryant Street to Valley of the Falls Drive. Construct rumble strips.	3004H	1F910	0815000065	201.010	2016/17	RW:	10	PA&ED:	179	PA&ED:	2/25/2016
								Const:	466	PS&E:	341	RTL:	11/14/2016
										RW:	27	RW Cert:	10/19/2016
										Con:	182		
								Subtotal:	476		729		
Total (Capital + Support):								\$1,205					
40	R50.0/R75.0	Near Ludlow, from Crucero Road to Banger Wash. Regrade median cross-slope.	0206Y	0R160	0812000029	201.015	2016/17	RW:	2,065	PA&ED:	3,130	PA&ED:	8/15/2016
								Const:	26,203	PS&E:	2,157	RTL:	5/31/2017
										RW:	190	RW Cert:	4/28/2017
										Con:	3,000		
								Subtotal:	28,268		8,477		
Total (Capital + Support):								\$36,745					



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



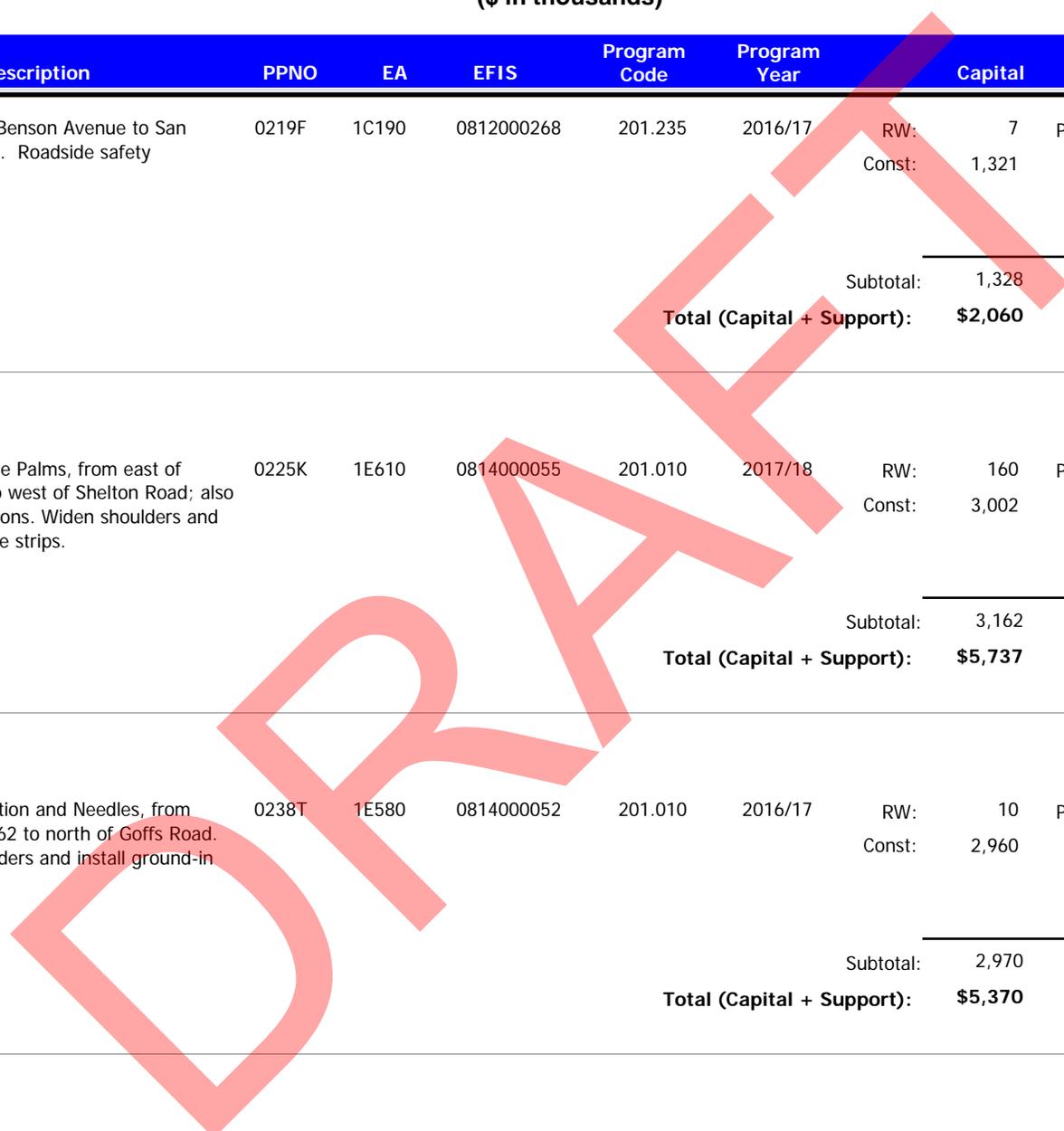
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
40	R75.0/R100.0	Near Essex, from west of Kelbaker Road to Essex Road. Re-grade and flatten median cross slope.	3001R	0R150	0812000025	201.015	2019/20	RW:	5,010	PA&ED:	3,000	PA&ED:	1/31/2019
								Const:	21,178	PS&E:	2,500	RTL:	4/30/2020
										RW:	200	RW Cert:	3/30/2020
										Con:	3,200		
								Subtotal:	26,188		8,900		
Total (Capital + Support):									\$35,088				
60	R0.0/R1.9	In Chino, from the Los Angeles County line to Monte Vista Avenue. Roadside safety improvements.	0218H	1C180	0812000267	201.235	2016/17	RW:	7	PA&ED:	216	PA&ED:	9/9/2015
								Const:	1,321	PS&E:	258	RTL:	9/8/2016
										RW:	27	RW Cert:	7/22/2016
										Con:	231		
								Subtotal:	1,328		732		
Total (Capital + Support):									\$2,060				
60	R1.9/R2.9	In Chino, from Monte Vista Avenue to Benson Avenue. Roadside safety improvements.	0033Q	1C170	0812000266	201.235	2016/17	RW:	7	PA&ED:	223	PA&ED:	9/9/2015
								Const:	1,558	PS&E:	274	RTL:	9/23/2016
										RW:	43	RW Cert:	8/15/2016
										Con:	196		
								Subtotal:	1,565		736		
Total (Capital + Support):									\$2,301				



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



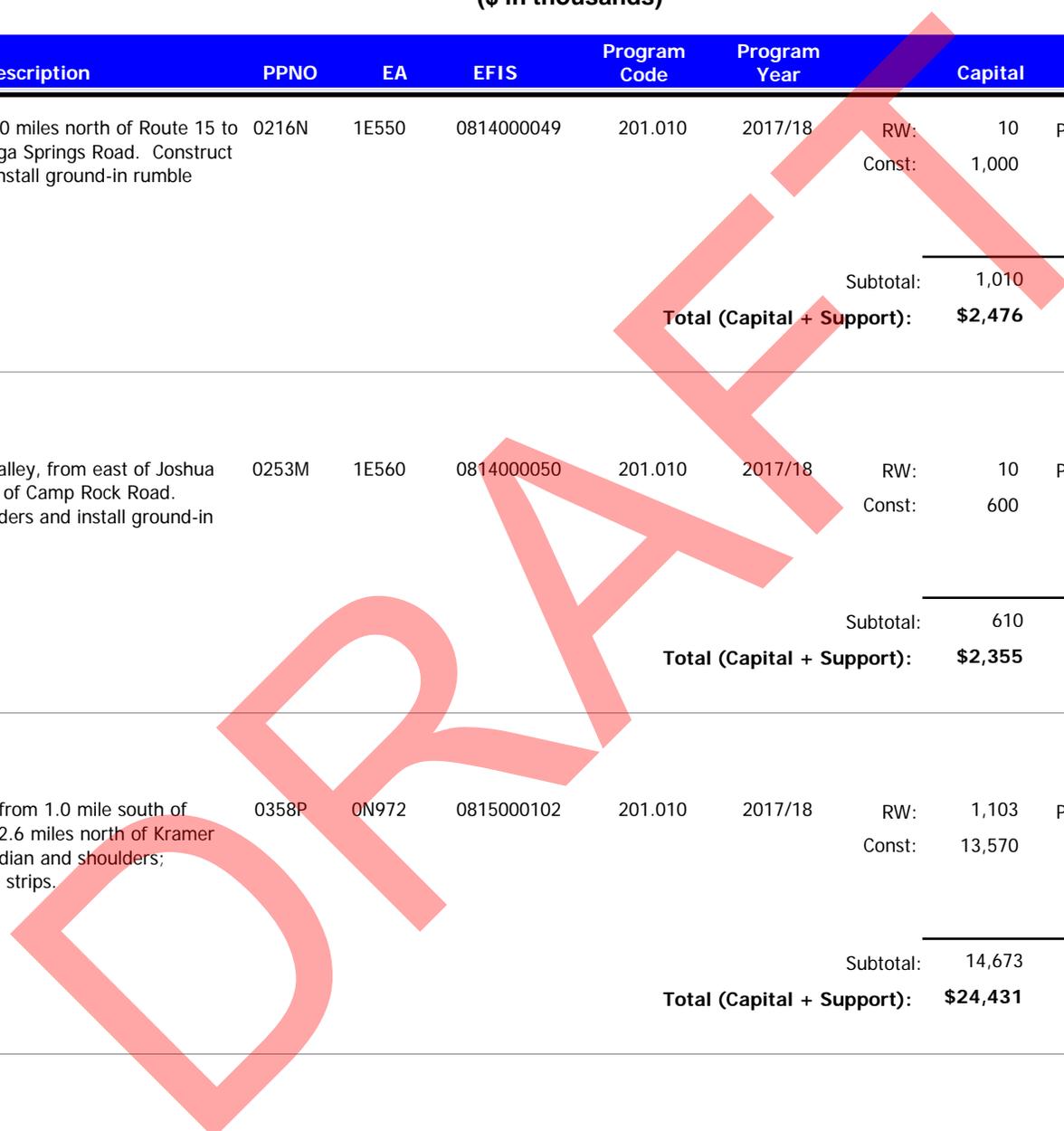
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
60	R2.9/R4.1	In Chino, from Benson Avenue to San Antonio Avenue. Roadside safety improvements.	0219F	1C190	0812000268	201.235	2016/17	RW:	7	PA&ED:	216	PA&ED:	9/14/2015
								Const:	1,321	PS&E:	258	RTL:	9/19/2016
										RW:	27	RW Cert:	7/21/2016
										Con:	231		
								Subtotal:	1,328		732		
Total (Capital + Support):								\$2,060					
62	41.0/41.5	Near Twentynine Palms, from east of Godwin Road to west of Shelton Road; also at various locations. Widen shoulders and construct rumble strips.	0225K	1E610	0814000055	201.010	2017/18	RW:	160	PA&ED:	690	PA&ED:	9/15/2016
								Const:	3,002	PS&E:	700	RTL:	12/15/2017
										RW:	575	RW Cert:	10/13/2017
										Con:	610		
								Subtotal:	3,162		2,575		
Total (Capital + Support):								\$5,737					
95	17.0/66.0	Near Vidal Junction and Needles, from north of Route 62 to north of Goffs Road. Construct shoulders and install ground-in rumble strips.	0238T	1E580	0814000052	201.010	2016/17	RW:	10	PA&ED:	542	PA&ED:	3/30/2017
								Const:	2,960	PS&E:	748	RTL:	5/15/2018
										RW:	10	RW Cert:	4/2/2018
										Con:	1,100		
								Subtotal:	2,970		2,400		
Total (Capital + Support):								\$5,370					



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
127	28.0/R28.5	Near Baker, 28.0 miles north of Route 15 to south of Saratoga Springs Road. Construct shoulders and install ground-in rumble strips.	0216N	1E550	0814000049	201.010	2017/18	RW:	10	PA&ED:	579	PA&ED:	8/1/2016
								Const:	1,000	PS&E:	444	RTL:	12/1/2017
										RW:	54	RW Cert:	10/3/2017
										Con:	389		
								Subtotal:	1,010		1,466		
Total (Capital + Support):								\$2,476					
247	39.5/40.0	Near Lucerne Valley, from east of Joshua Avenue to west of Camp Rock Road. Construct shoulders and install ground-in rumble strips.	0253M	1E560	0814000050	201.010	2017/18	RW:	10	PA&ED:	562	PA&ED:	8/1/2016
								Const:	600	PS&E:	714	RTL:	12/1/2017
										RW:	56	RW Cert:	10/2/2017
										Con:	413		
								Subtotal:	610		1,745		
Total (Capital + Support):								\$2,355					
395	35.5/39.1	Near Adelanto, from 1.0 mile south of Kramer Hills to 2.6 miles north of Kramer Hills. Widen median and shoulders; contract rumble strips.	0358P	0N972	0815000102	201.010	2017/18	RW:	1,103	PA&ED:	1,987	PA&ED:	5/20/2016
								Const:	13,570	PS&E:	2,278	RTL:	5/23/2018
										RW:	2,026	RW Cert:	5/22/2018
										Con:	3,467		
								Subtotal:	14,673		9,758		
Total (Capital + Support):								\$24,431					



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



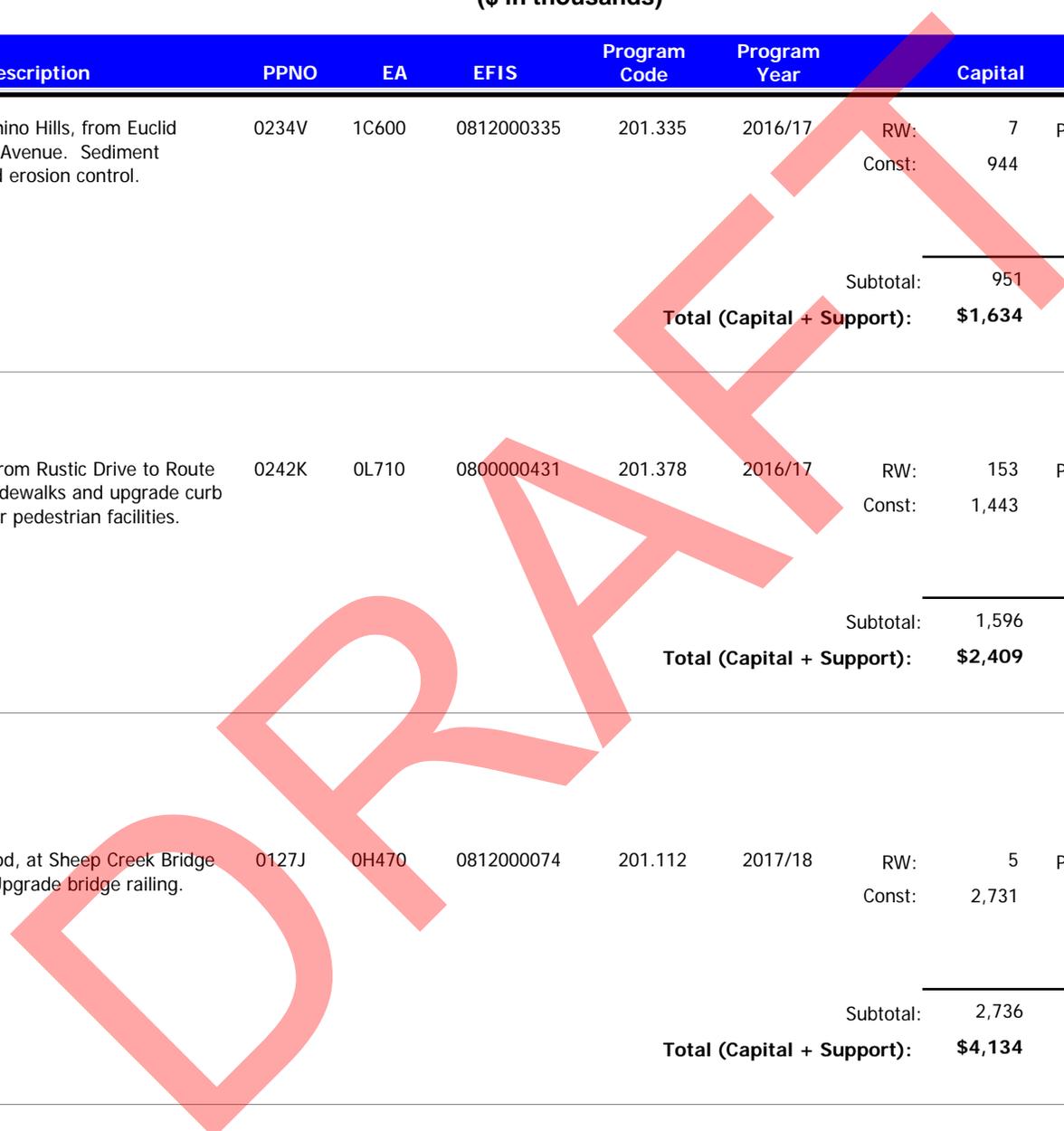
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
395	39.0/45.9	Near Adelanto, from 2.5 miles north of Kramer Hills to Route 58. Widen median and shoulders; construct rumble strips.	0258P	0N971	0815000101	201.010	2016/17	RW:	2,754	PA&ED:	2,697	PA&ED:	6/30/2015
								Const:	27,347	PS&E:	2,032	RTL:	6/23/2017
										RW:	2,086	RW Cert:	6/22/2017
										Con:	3,741		
								Subtotal:	30,101		10,556		
Total (Capital + Support):								\$40,657					
MANDATES													
18	44.5/52.8	In and near Big Bear Lake, from Route 38 to Gildart Drive. Sediment stabilization and erosion control.	0186F	1C560	0812000331	201.335	2016/17	RW:	202	PA&ED:	472	PA&ED:	7/14/2016
								Const:	3,686	PS&E:	590	RTL:	6/22/2017
										RW:	59	RW Cert:	3/22/2017
										Con:	845		
								Subtotal:	3,888		1,966		
Total (Capital + Support):								\$5,854					
38	50.4/59.4	At Big Bear Dam, from Eagle Mountain Drive to Route 18. Sediment control and stabilization.	0206U	0R430	0812000075	201.335	2016/17	RW:	39	PA&ED:	325	PA&ED:	7/14/2016
								Const:	2,195	PS&E:	220	RTL:	6/22/2017
										RW:	5	RW Cert:	3/22/2017
										Con:	480		
								Subtotal:	2,234		1,030		
Total (Capital + Support):								\$3,264					



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(\$ in thousands)**



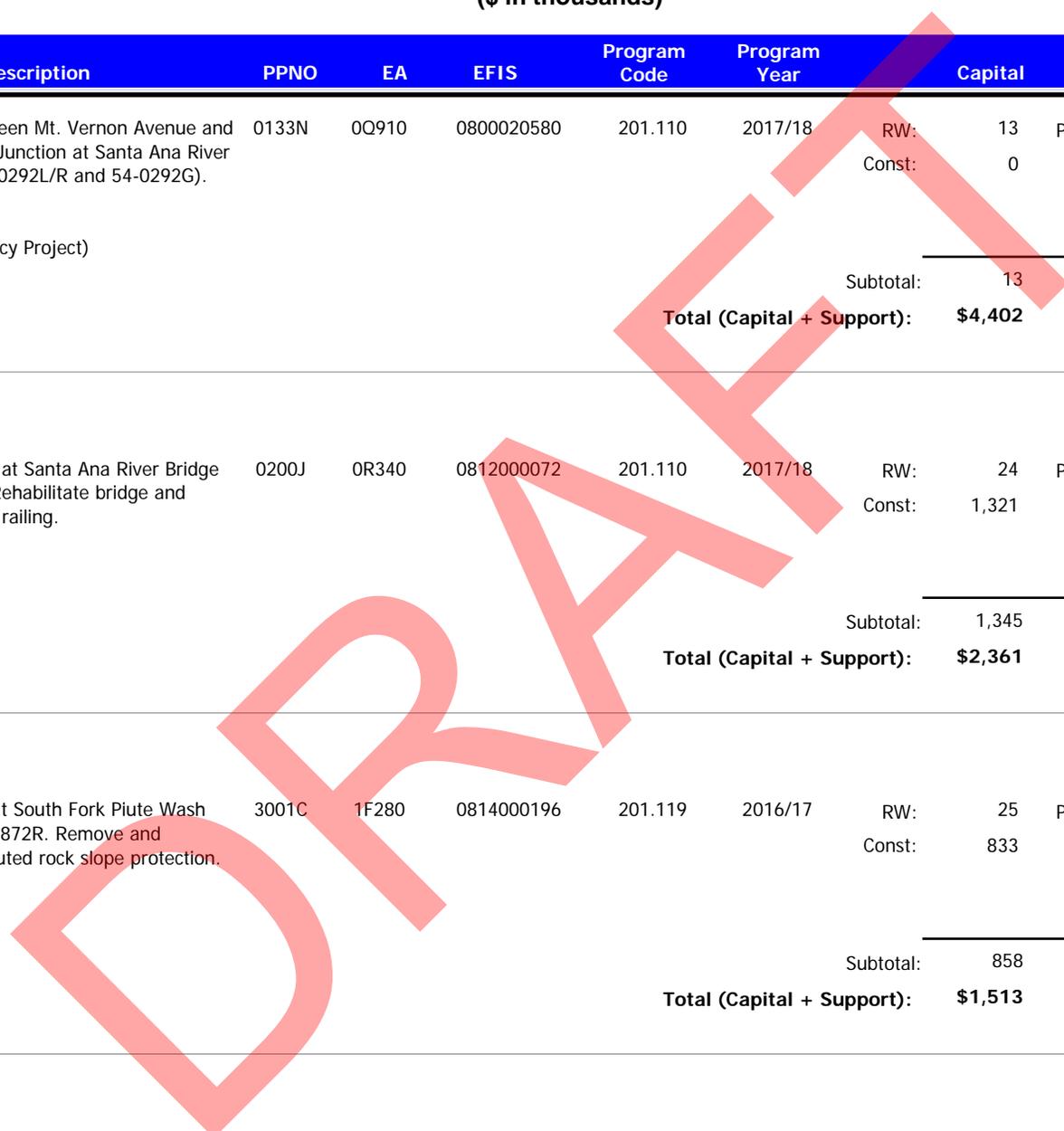
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
71	R6.9/R7.8	In Chino and Chino Hills, from Euclid Avenue to Pine Avenue. Sediment stabilization and erosion control.	0234V	1C600	0812000335	201.335	2016/17	RW:	7	PA&ED:	164	PA&ED:	6/24/2015
								Const:	944	PS&E:	205	RTL:	8/12/2016
										RW:	20	RW Cert:	4/12/2016
										Con:	294		
								Subtotal:	951		683		
Total (Capital + Support):									\$1,634				
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142	3.9/5.7	In Chino Hills, from Rustic Drive to Route 71. Construct sidewalks and upgrade curb ramps and other pedestrian facilities.	0242K	0L710	0800000431	201.378	2016/17	RW:	153	PA&ED:	0	PA&ED:	8/31/2011
								Const:	1,443	PS&E:	459	RTL:	5/15/2017
										RW:	135	RW Cert:	5/1/2017
										Con:	219		
								Subtotal:	1,596		813		
Total (Capital + Support):									\$2,409				
<hr/>													
<u>BRIDGE PRESERVATION</u>													
2	2.2/2.7	Near Wrightwood, at Sheep Creek Bridge No. 54-0360. Upgrade bridge railing.	0127J	0H470	0812000074	201.112	2017/18	RW:	5	PA&ED:	324	PA&ED:	1/20/2016
								Const:	2,731	PS&E:	520	RTL:	11/6/2017
										RW:	36	RW Cert:	9/11/2017
										Con:	518		
								Subtotal:	2,736		1,398		
Total (Capital + Support):									\$4,134				



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



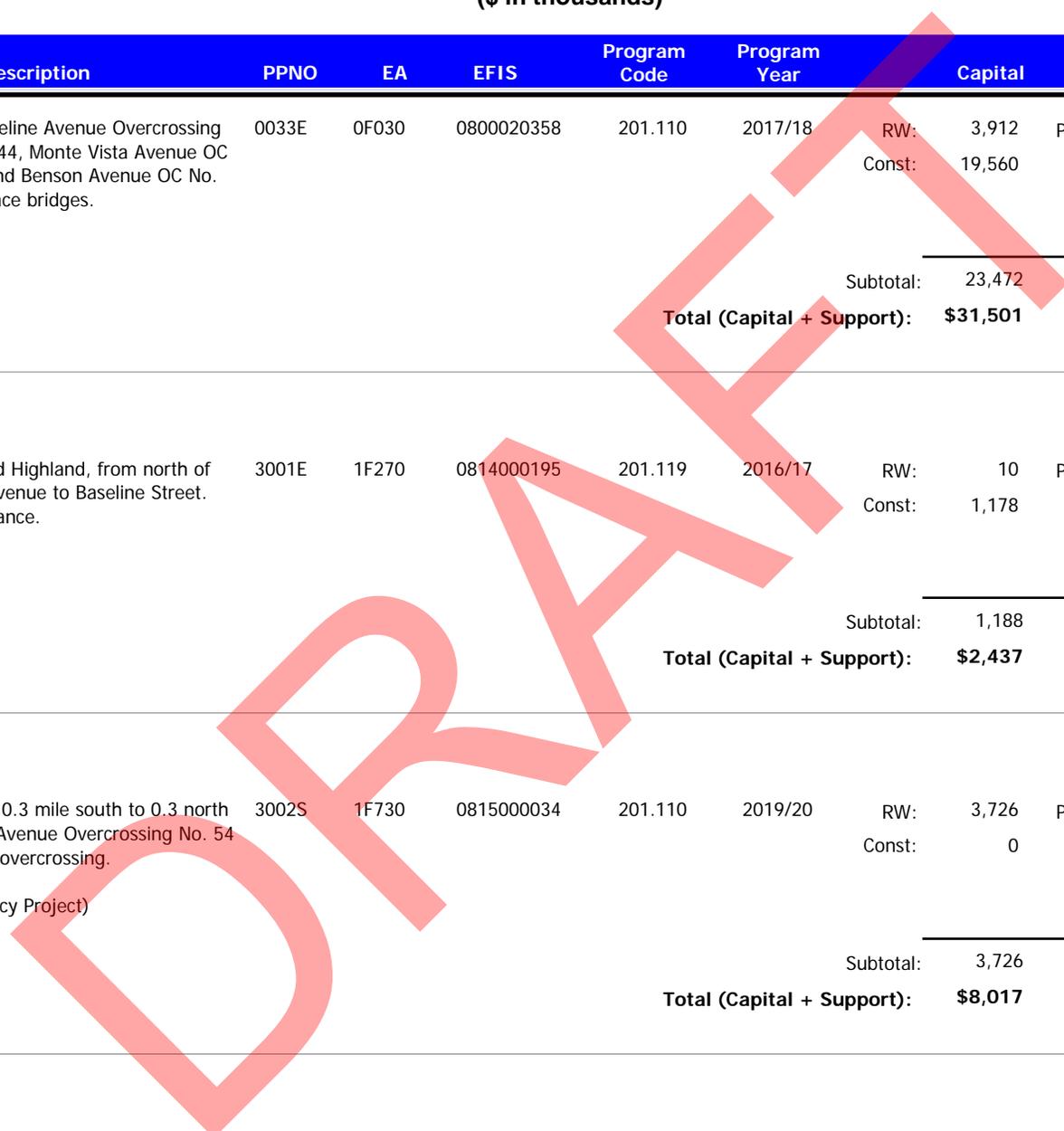
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
10	R23.8	In Colton, between Mt. Vernon Avenue and Routes 10/215 Junction at Santa Ana River (Bridge No. 54-0292L/R and 54-0292G). Seismic retrofit. (G13 Contingency Project)	0133N	0Q910	0800020580	201.110	2017/18	RW:	13	PA&ED:	1,025	PA&ED:	11/18/2015
								Const:	0	PS&E:	3,300	RTL:	9/29/2017
										RW:	64	RW Cert:	8/1/2017
										Con:	0		
								Subtotal:	13		4,389		
Total (Capital + Support):								\$4,402					
38	30.9	Near Redlands, at Santa Ana River Bridge No. 54-0407. Rehabilitate bridge and upgrade bridge railing.	0200J	0R340	0812000072	201.110	2017/18	RW:	24	PA&ED:	139	PA&ED:	10/9/2015
								Const:	1,321	PS&E:	369	RTL:	7/31/2017
										RW:	45	RW Cert:	5/1/2017
										Con:	463		
								Subtotal:	1,345		1,016		
Total (Capital + Support):								\$2,361					
40	R134.0	Near Needles, at South Fork Plute Wash Bridge No. 54-0872R. Remove and reconstruct grouted rock slope protection.	3001C	1F280	0814000196	201.119	2016/17	RW:	25	PA&ED:	119	PA&ED:	5/2/2016
								Const:	833	PS&E:	281	RTL:	5/1/2017
										RW:	10	RW Cert:	4/2/2017
										Con:	245		
								Subtotal:	858		655		
Total (Capital + Support):								\$1,513					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



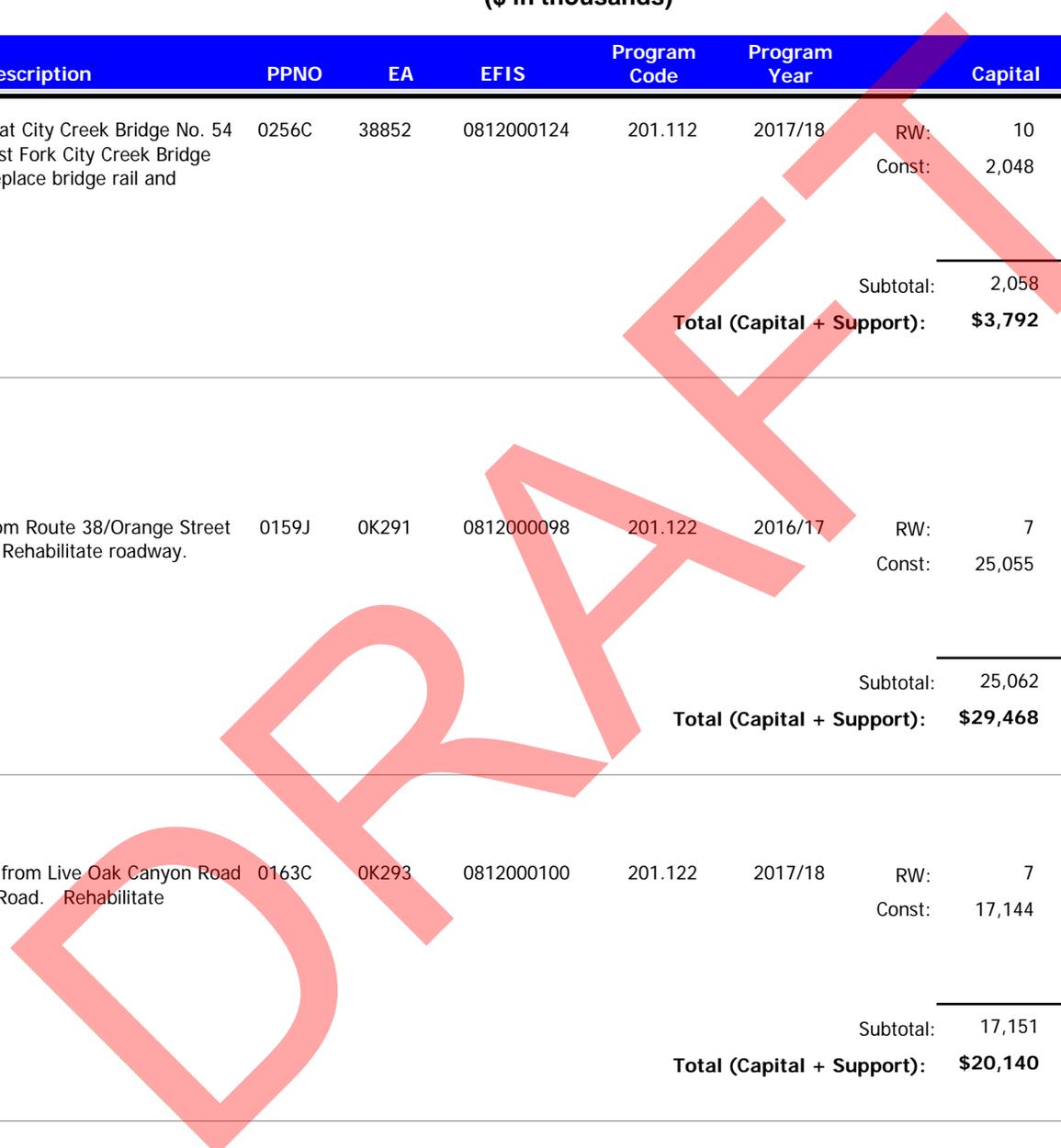
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
60	0.9/2.9	In Chino, at Pipeline Avenue Overcrossing (OC) No. 54-0744, Monte Vista Avenue OC No. 54-0746, and Benson Avenue OC No. 54-0748. Replace bridges.	0033E	0F030	0800020358	201.110	2017/18	RW:	3,912	PA&ED:	1,013	PA&ED:	2/1/2017
								Const:	19,560	PS&E:	2,246	RTL:	6/1/2018
										RW:	1,030	RW Cert:	2/1/2018
										Con:	3,740		
								Subtotal:	23,472		8,029		
Total (Capital + Support):								\$31,501					
210	R29.3/R33.1	In Redlands and Highland, from north of West Pioneer Avenue to Baseline Street. Bridge maintenance.	3001E	1F270	0814000195	201.119	2016/17	RW:	10	PA&ED:	126	PA&ED:	4/4/2016
								Const:	1,178	PS&E:	453	RTL:	5/2/2017
										RW:	10	RW Cert:	4/3/2017
										Con:	660		
								Subtotal:	1,188		1,249		
Total (Capital + Support):								\$2,437					
215	2.4/3.0	In Colton, from 0.3 mile south to 0.3 north of Washington Avenue Overcrossing No. 54-0530. Replace overcrossing. (G13 Contingency Project)	3002S	1F730	0815000034	201.110	2019/20	RW:	3,726	PA&ED:	1,125	PA&ED:	4/2/2018
								Const:	0	PS&E:	2,870	RTL:	2/22/2020
										RW:	296	RW Cert:	9/7/2019
										Con:	0		
								Subtotal:	3,726		4,291		
Total (Capital + Support):								\$8,017					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



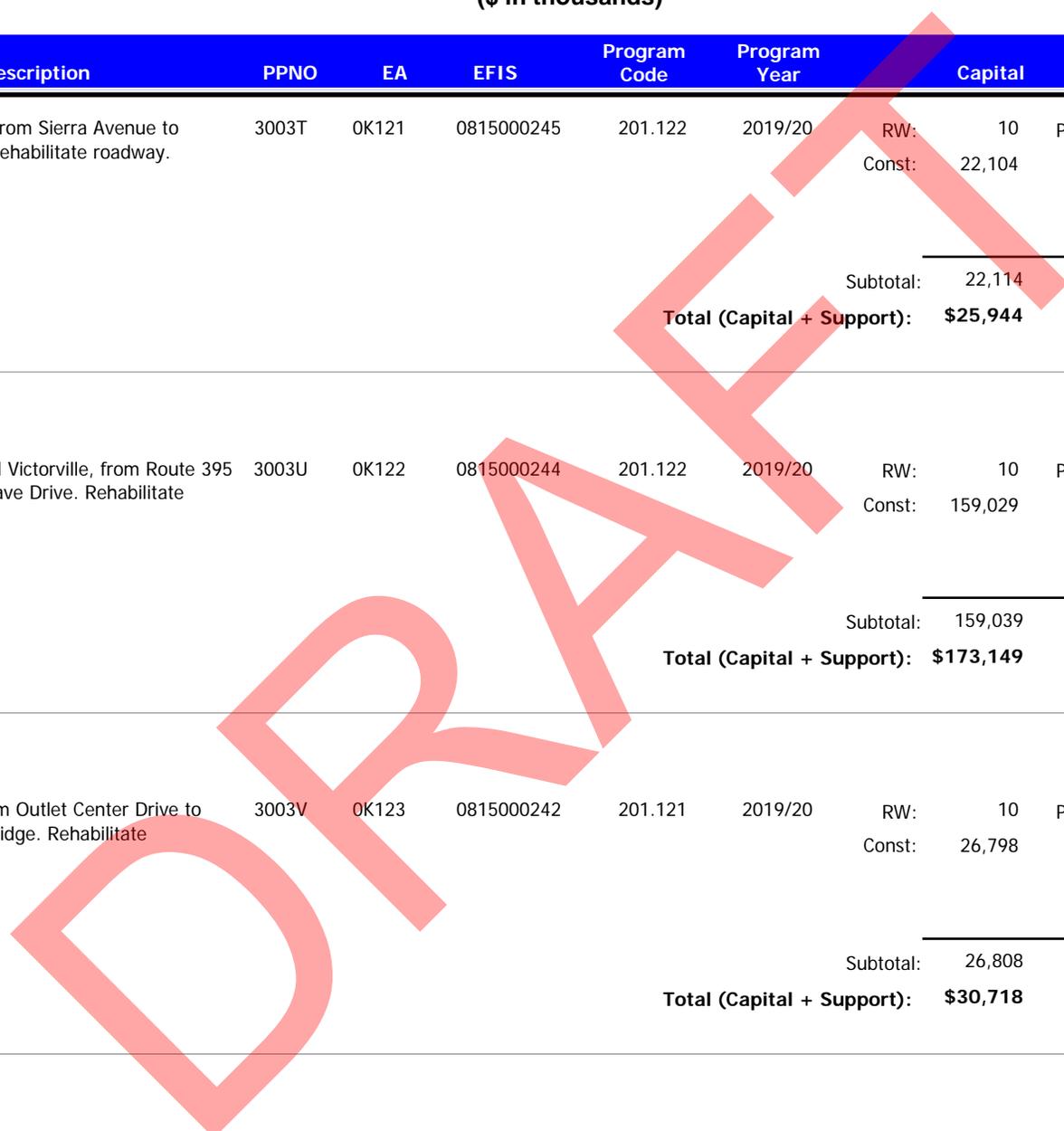
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
330	32.5/33.7	Near Highland, at City Creek Bridge No. 54 -365, and at East Fork City Creek Bridge No. 54-345. Replace bridge rail and approach rail.	0256C	38852	0812000124	201.112	2017/18	RW:	10	PA&ED:	490	PA&ED:	2/28/2017
								Const:	2,048	PS&E:	725	RTL:	5/31/2018
										RW:	19	RW Cert:	4/30/2018
										Con:	500		
								Subtotal:	2,058		1,734		
Total (Capital + Support):								\$3,792					
ROADWAY PRESERVATION													
10	30.9/33.3	In Redlands, from Route 38/Orange Street to Ford Street. Rehabilitate roadway.	0159J	0K291	0812000098	201.122	2016/17	RW:	7	PA&ED:	0	PA&ED:	9/13/2011
								Const:	25,055	PS&E:	1,738	RTL:	2/1/2017
										RW:	45	RW Cert:	12/15/2016
										Con:	2,623		
								Subtotal:	25,062		4,406		
Total (Capital + Support):								\$29,468					
10	R36.9/R39.1	Near Redlands, from Live Oak Canyon Road to County Line Road. Rehabilitate roadway.	0163C	0K293	0812000100	201.122	2017/18	RW:	7	PA&ED:	0	PA&ED:	9/13/2011
								Const:	17,144	PS&E:	1,246	RTL:	8/1/2017
										RW:	18	RW Cert:	6/15/2017
										Con:	1,725		
								Subtotal:	17,151		2,989		
Total (Capital + Support):								\$20,140					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



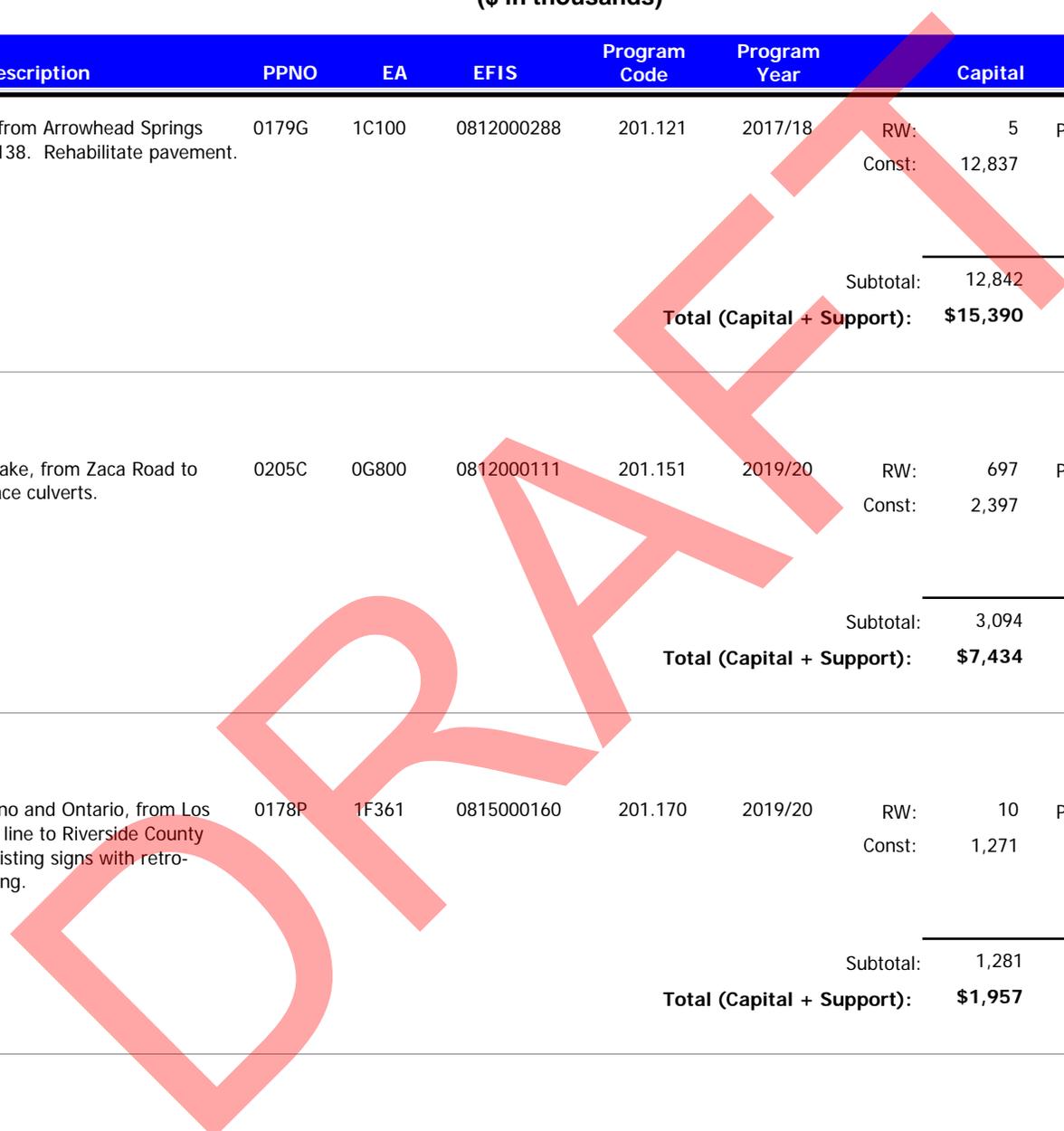
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
15	12.8/14.8	Near Fontana, from Sierra Avenue to Devore Road. Rehabilitate roadway.	3003T	OK121	0815000245	201.122	2019/20	RW:	10	PA&ED:	570	PA&ED:	4/3/2018
								Const:	22,104	PS&E:	900	RTL:	4/3/2020
										RW:	10	RW Cert:	2/3/2020
										Con:	2,350		
								Subtotal:	22,114		3,830		
Total (Capital + Support):								\$25,944					
15	30.8/42.5	In Hesperia and Victorville, from Route 395 to north of Mojave Drive. Rehabilitate roadway.	3003U	OK122	0815000244	201.122	2019/20	RW:	10	PA&ED:	900	PA&ED:	12/3/2017
								Const:	159,029	PS&E:	1,500	RTL:	4/3/2020
										RW:	10	RW Cert:	2/3/2020
										Con:	11,700		
								Subtotal:	159,039		14,110		
Total (Capital + Support):								\$173,149					
15	64.6/75.3	In Barstow, from Outlet Center Drive to Mojave River Bridge. Rehabilitate pavement.	3003V	OK123	0815000242	201.121	2019/20	RW:	10	PA&ED:	600	PA&ED:	4/3/2018
								Const:	26,798	PS&E:	1,200	RTL:	4/3/2020
										RW:	10	RW Cert:	2/3/2020
										Con:	2,100		
								Subtotal:	26,808		3,910		
Total (Capital + Support):								\$30,718					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



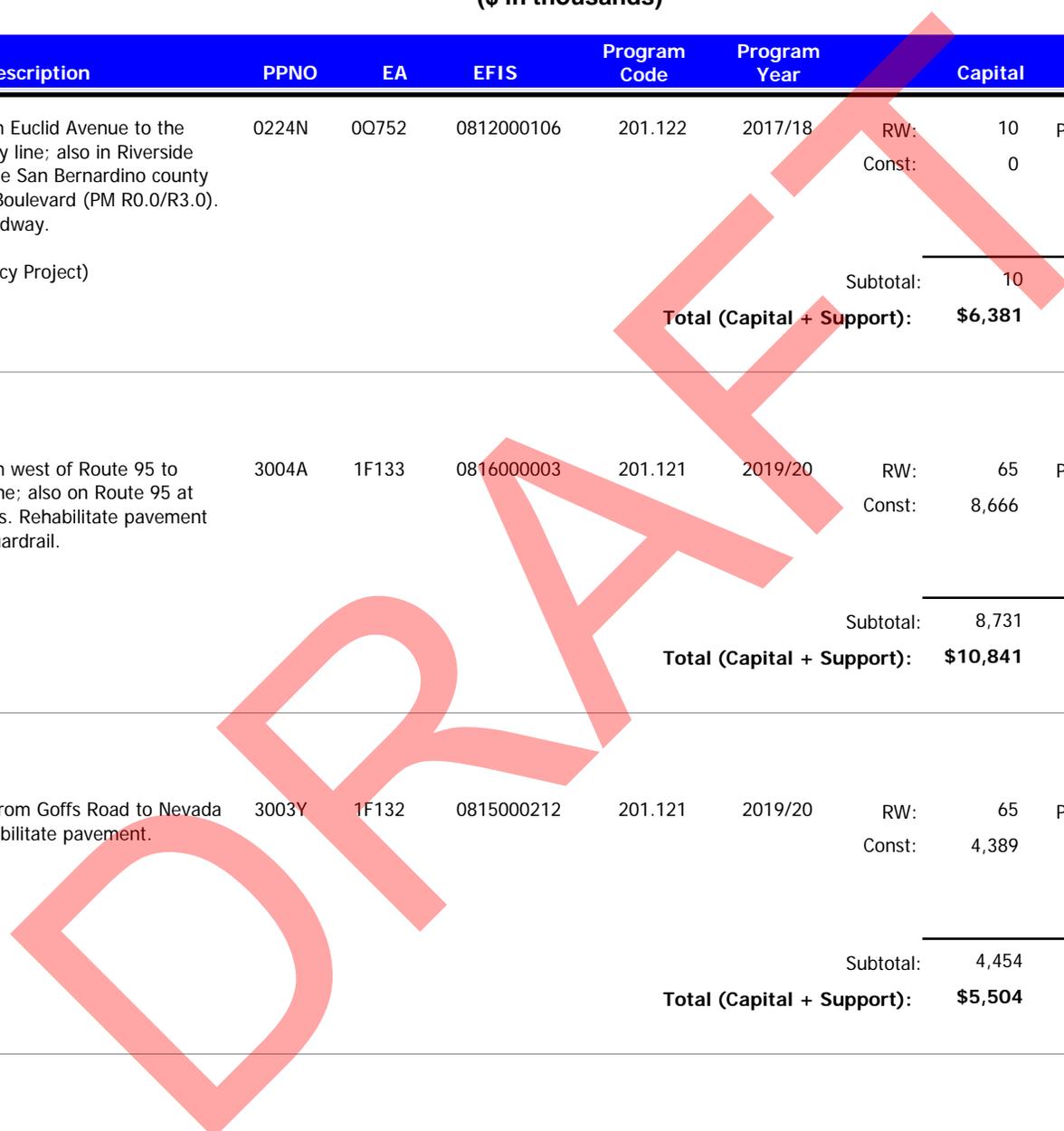
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
18	9.1/17.8	Near Crestline, from Arrowhead Springs Road to Route 138. Rehabilitate pavement.	0179G	1C100	0812000288	201.121	2017/18	RW:	5	PA&ED:	396	PA&ED:	6/6/2016
								Const:	12,837	PS&E:	915	RTL:	8/14/2017
										RW:	37	RW Cert:	6/15/2017
										Con:	1,200		
								Subtotal:	12,842		2,548		
Total (Capital + Support):								\$15,390					
38	47.5/59.4	Near Big Bear Lake, from Zaca Road to Route 18. Replace culverts.	0205C	OG800	0812000111	201.151	2019/20	RW:	697	PA&ED:	600	PA&ED:	6/16/2018
								Const:	2,397	PS&E:	1,040	RTL:	3/16/2020
										RW:	1,900	RW Cert:	1/16/2020
										Con:	800		
								Subtotal:	3,094		4,340		
Total (Capital + Support):								\$7,434					
60	R0.0/R9.9	In Pomona, Chino and Ontario, from Los Angeles County line to Riverside County line. Replace existing signs with retro-reflective sheeting.	0178P	1F361	0815000160	201.170	2019/20	RW:	10	PA&ED:	125	PA&ED:	9/1/2017
								Const:	1,271	PS&E:	289	RTL:	3/1/2020
										RW:	12	RW Cert:	9/1/2019
										Con:	250		
								Subtotal:	1,281		676		
Total (Capital + Support):								\$1,957					



2016 SHOPP V3.0 Project List San Bernardino (\$ in thousands)



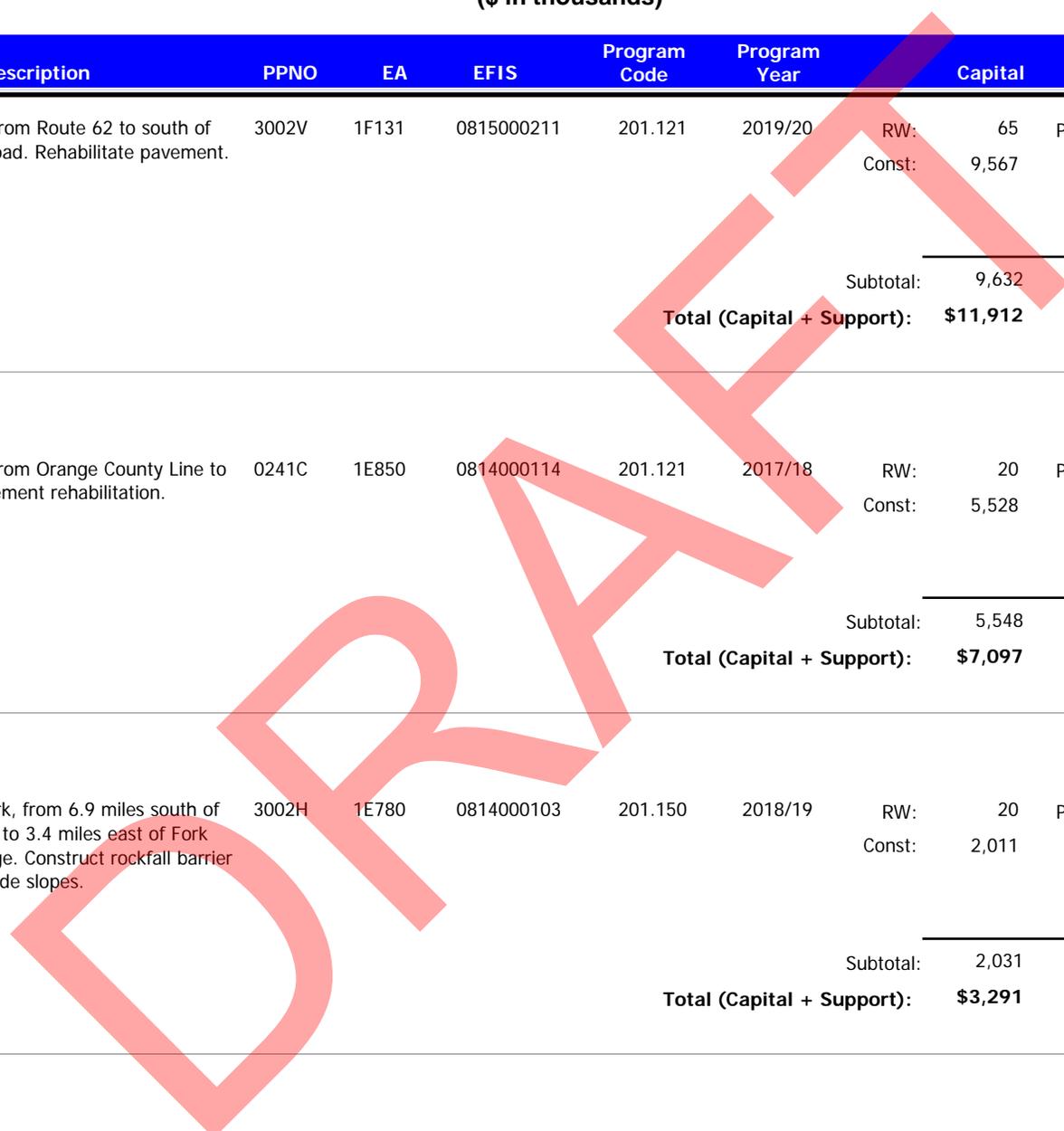
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
60	R4.6/R10.0	In Ontario, from Euclid Avenue to the Riverside County line; also in Riverside County, from the San Bernardino county line to Mission Boulevard (PM R0.0/R3.0). Rehabilitate roadway. (G13 Contingency Project)	0224N	0Q752	0812000106	201.122	2017/18	RW:	10	PA&ED:	1,519	PA&ED:	12/1/2015
								Const:	0	PS&E:	4,816	RTL:	10/3/2017
										RW:	36	RW Cert:	2/17/2017
										Con:	0		
								Subtotal:	10		6,371		
Total (Capital + Support):									\$6,381				
62	121.5/142.7	Near Vidal, from west of Route 95 to Nevada State line; also on Route 95 at various locations. Rehabilitate pavement and upgrade guardrail.	3004A	1F133	0816000003	201.121	2019/20	RW:	65	PA&ED:	400	PA&ED:	8/3/2017
								Const:	8,666	PS&E:	300	RTL:	8/3/2019
										RW:	10	RW Cert:	6/3/2019
										Con:	1,400		
								Subtotal:	8,731		2,110		
Total (Capital + Support):									\$10,841				
95	64.5/80.5	Near Needles, from Goffs Road to Nevada State line. Rehabilitate pavement.	3003Y	1F132	0815000212	201.121	2019/20	RW:	65	PA&ED:	200	PA&ED:	8/3/2017
								Const:	4,389	PS&E:	150	RTL:	8/3/2019
										RW:	10	RW Cert:	6/3/2019
										Con:	690		
								Subtotal:	4,454		1,050		
Total (Capital + Support):									\$5,504				



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



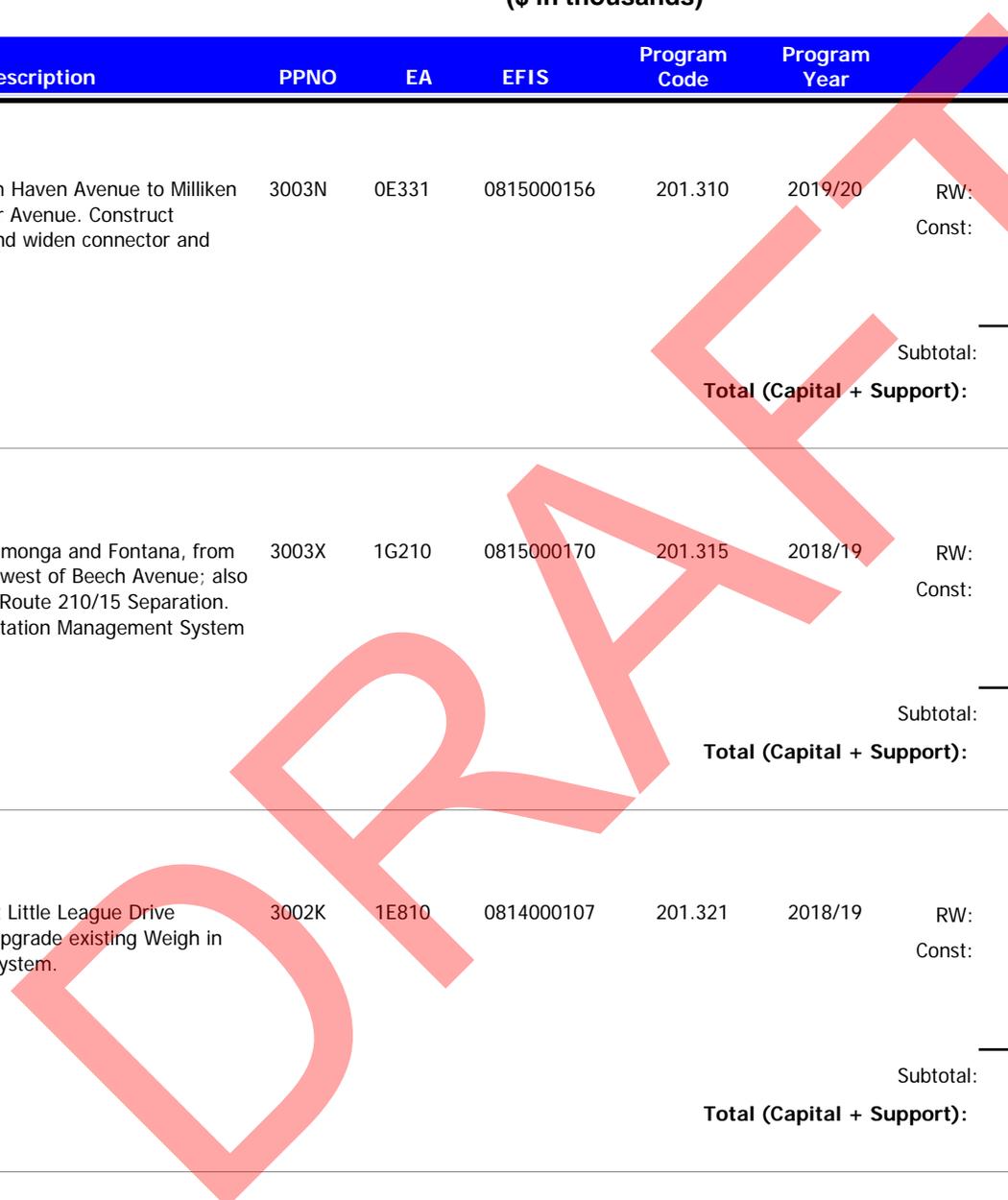
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
95	9.7/33.6	Near Needles, from Route 62 to south of Havasu Lake Road. Rehabilitate pavement.	3002V	1F131	0815000211	201.121	2019/20	RW:	65	PA&ED:	450	PA&ED:	8/3/2017
								Const:	9,567	PS&E:	320	RTL:	8/3/2019
										RW:	10	RW Cert:	6/3/2019
										Con:	1,500		
								Subtotal:	9,632		2,280		
Total (Capital + Support):								\$11,912					
142	0.0/5.8	In Chino Hills, from Orange County Line to Route 71. Pavement rehabilitation.	0241C	1E850	0814000114	201.121	2017/18	RW:	20	PA&ED:	356	PA&ED:	9/1/2016
								Const:	5,528	PS&E:	570	RTL:	11/20/2017
										RW:	36	RW Cert:	9/29/2017
										Con:	587		
								Subtotal:	5,548		1,549		
Total (Capital + Support):								\$7,097					
330	37.1/39.8	Near Smiley Park, from 6.9 miles south of Running Spring to 3.4 miles east of Fork City Creek Bridge. Construct rockfall barrier to stabilize hillside slopes.	3002H	1E780	0814000103	201.150	2018/19	RW:	20	PA&ED:	370	PA&ED:	7/15/2017
								Const:	2,011	PS&E:	400	RTL:	8/30/2018
										RW:	20	RW Cert:	7/15/2018
										Con:	470		
								Subtotal:	2,031		1,260		
Total (Capital + Support):								\$3,291					



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



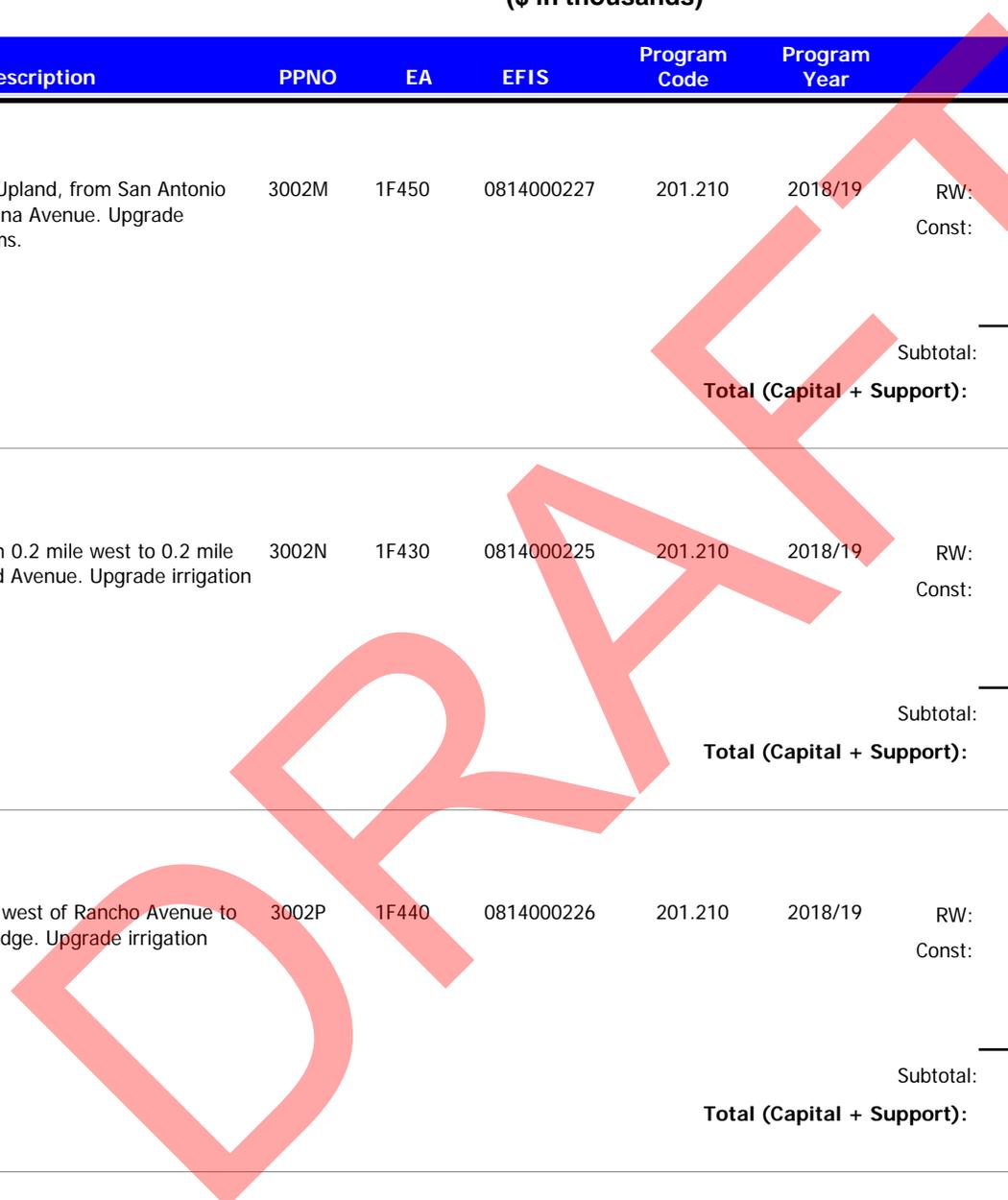
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MOBILITY													
60	R8.9/R10.0	In Ontario, from Haven Avenue to Milliken Avenue/Hamner Avenue. Construct auxiliary lane and widen connector and ramps.	3003N	0E331	0815000156	201.310	2019/20	RW:	260	PA&ED:	1,016	PA&ED:	6/1/2018
								Const:	4,367	PS&E:	1,164	RTL:	2/3/2020
										RW:	10	RW Cert:	8/1/2019
										Con:	1,600		
								Subtotal:	4,627		3,790		
								Total (Capital + Support):	\$8,417				
210	10.5/12.7	In Rancho Cucamonga and Fontana, from East Avenue to west of Beech Avenue; also on Route 15 at Route 210/15 Separation. Install Transportation Management System elements.	3003X	1G210	0815000170	201.315	2018/19	RW:	10	PA&ED:	135	PA&ED:	8/27/2017
								Const:	2,295	PS&E:	390	RTL:	2/12/2019
										RW:	10	RW Cert:	11/20/2018
										Con:	450		
								Subtotal:	2,305		985		
								Total (Capital + Support):	\$3,290				
215	14.8	Near Devore, at Little League Drive Overcrossing. Upgrade existing Weigh in Motion (WIM) system.	3002K	1E810	0814000107	201.321	2018/19	RW:	10	PA&ED:	190	PA&ED:	5/15/2017
								Const:	1,326	PS&E:	270	RTL:	8/15/2018
										RW:	20	RW Cert:	8/1/2018
										Con:	480		
								Subtotal:	1,336		960		
								Total (Capital + Support):	\$2,296				



**2016 SHOPP V3.0 Project List
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(\$ in thousands)**



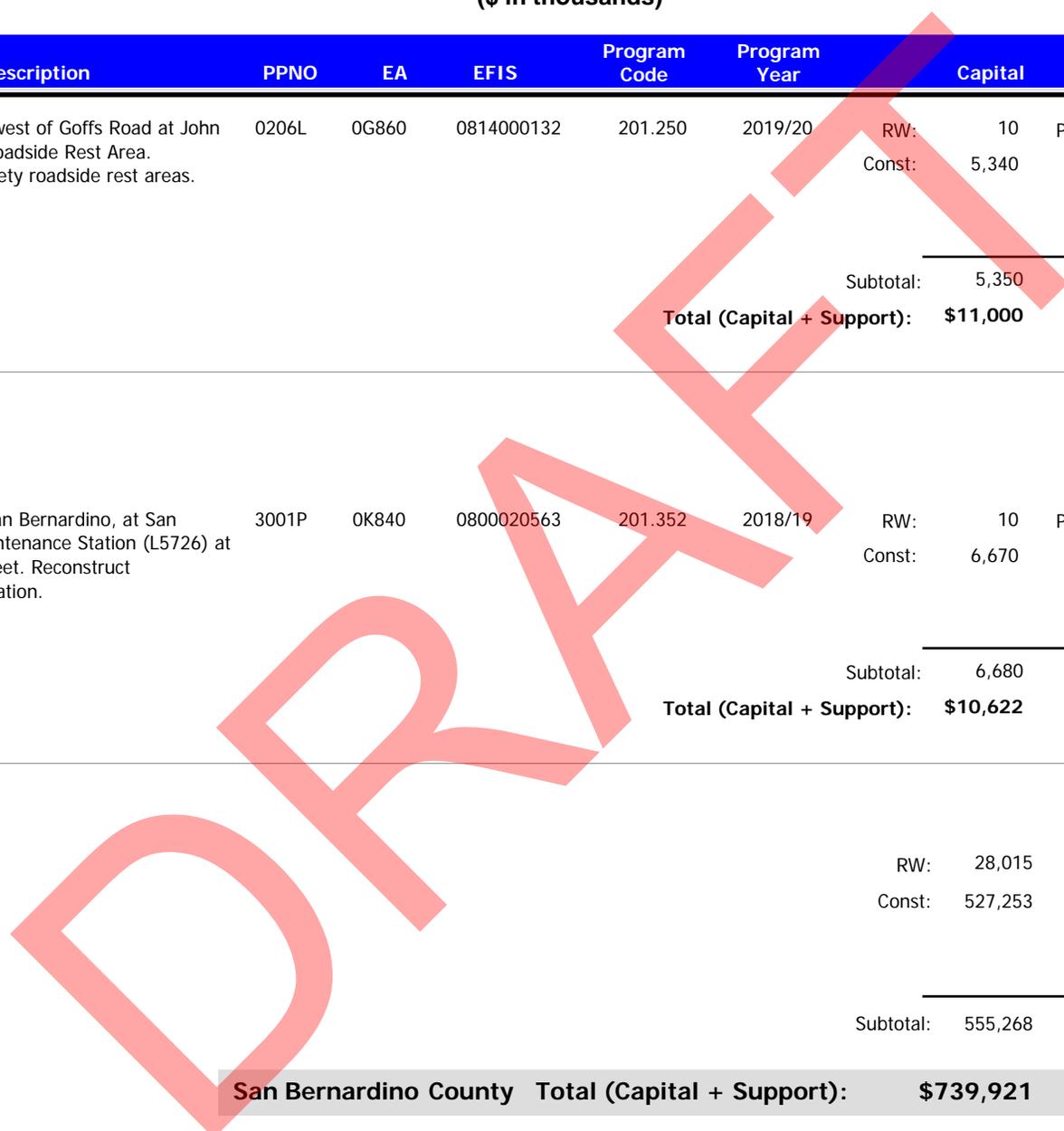
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADSIDE PRESERVATION													
10	2.9/3.8	In the cities of Upland, from San Antonio Avenue to Sultana Avenue. Upgrade irrigation systems.	3002M	1F450	0814000227	201.210	2018/19	RW:	10	PA&ED:	185	PA&ED:	7/15/2017
								Const:	1,541	PS&E:	349	RTL:	9/15/2018
										RW:	10	RW Cert:	6/15/2018
										Con:	392		
								Subtotal:	1,551		936		
								Total (Capital + Support):	\$2,487				
10	5.9/6.3	In Ontario, from 0.2 mile west to 0.2 mile east of Vineyard Avenue. Upgrade irrigation systems.	3002N	1F430	0814000225	201.210	2018/19	RW:	10	PA&ED:	172	PA&ED:	7/15/2017
								Const:	1,563	PS&E:	329	RTL:	9/15/2018
										RW:	10	RW Cert:	6/15/2018
										Con:	382		
								Subtotal:	1,573		893		
								Total (Capital + Support):	\$2,466				
10	R21.6/R23.6	In Colton, from west of Rancho Avenue to Warm Creek Bridge. Upgrade irrigation systems.	3002P	1F440	0814000226	201.210	2018/19	RW:	10	PA&ED:	172	PA&ED:	7/15/2017
								Const:	1,585	PS&E:	329	RTL:	9/15/2018
										RW:	10	RW Cert:	6/15/2018
										Con:	382		
								Subtotal:	1,595		893		
								Total (Capital + Support):	\$2,488				



**2016 SHOPP V3.0 Project List
San Bernardino
(\$ in thousands)**



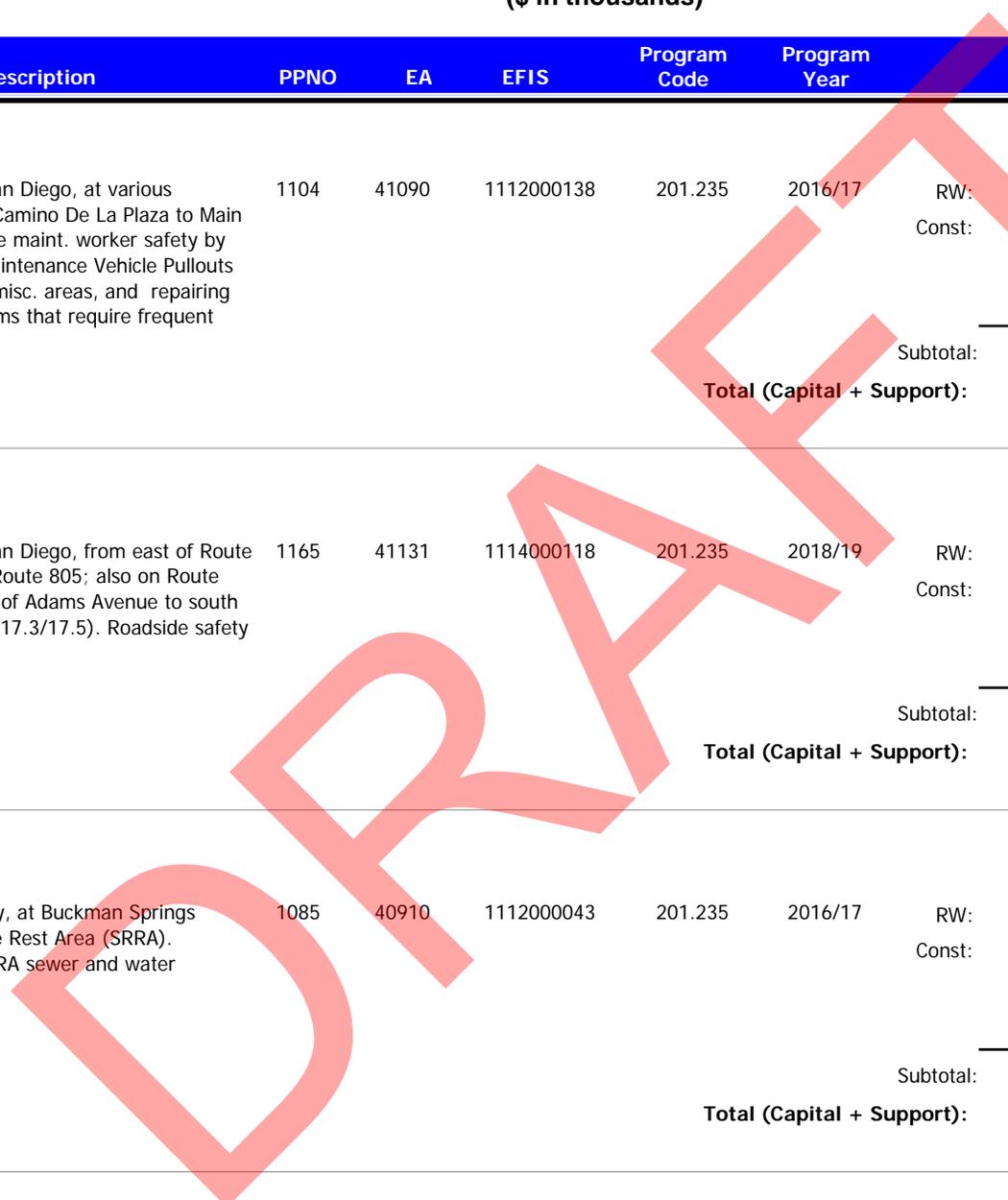
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
40	R105.3/R105.6	Near Needles, west of Goffs Road at John Wilkie Safety Roadside Rest Area. Reconstruct safety roadside rest areas.	0206L	0G860	0814000132	201.250	2019/20	RW:	10	PA&ED:	1,400	PA&ED:	8/1/2018
								Const:	5,340	PS&E:	1,940	RTL:	5/1/2020
										RW:	10	RW Cert:	4/15/2020
										Con:	2,300		
								Subtotal:	5,350		5,650		
Total (Capital + Support):								\$11,000					
FACILITIES													
215	L5726	In the city of San Bernardino, at San Bernardino Maintenance Station (L5726) at 175 Cluster Street. Reconstruct maintenance station.	3001P	0K840	0800020563	201.352	2018/19	RW:	10	PA&ED:	897	PA&ED:	12/5/2017
								Const:	6,670	PS&E:	1,248	RTL:	11/6/2018
										RW:	42	RW Cert:	3/3/2019
										Con:	1,755		
								Subtotal:	6,680		3,942		
Total (Capital + Support):								\$10,622					
								RW:	28,015	PA&ED:	38,808		
								Const:	527,253	PS&E:	56,027		
										RW:	16,528		
										Con:	73,290		
								Subtotal:	555,268		184,653		
San Bernardino County Total (Capital + Support):								\$739,921					



2016 SHOPP V3.0 Project List San Diego (\$ in thousands)



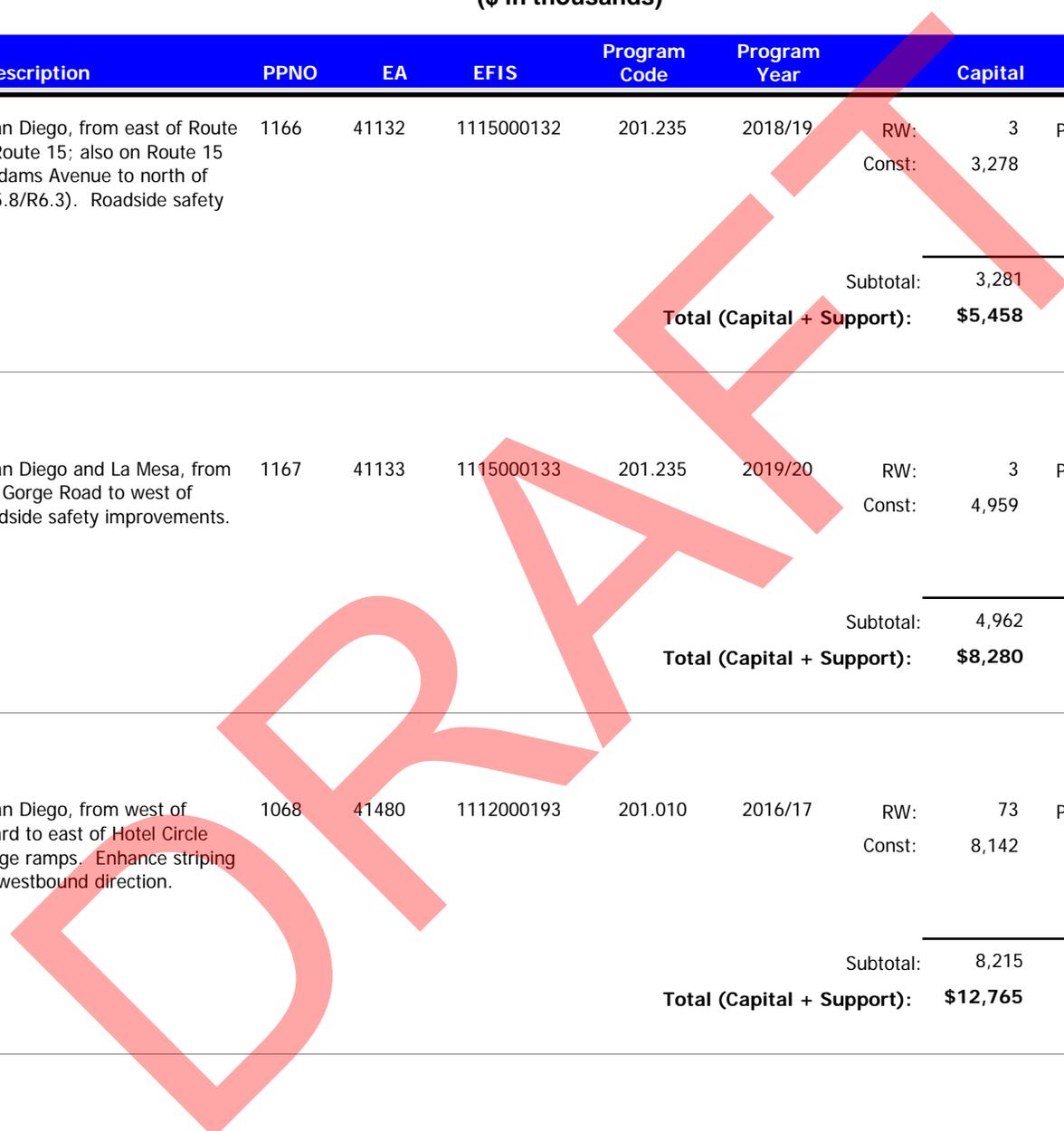
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
5	R0.3/5.4	In the city of San Diego, at various locations from Camino De La Plaza to Main Street. Improve maint. worker safety by constructing Maintenance Vehicle Pullouts (MVP), paving misc. areas, and repairing damaged systems that require frequent maint.	1104	41090	1112000138	201.235	2016/17	RW:	60	PA&ED:	399	PA&ED:	8/31/2015
								Const:	3,101	PS&E:	733	RTL:	8/29/2016
										RW:	68	RW Cert:	9/6/2016
										Con:	1,226		
								Subtotal:	3,161		2,426		
								Total (Capital + Support):	\$5,587				
8	2.8/5.0	In the city of San Diego, from east of Route 163 to east of Route 805; also on Route 805 from north of Adams Avenue to south of Route 8 (PM 17.3/17.5). Roadside safety improvements.	1165	41131	1114000118	201.235	2018/19	RW:	3	PA&ED:	603	PA&ED:	7/31/2017
								Const:	5,209	PS&E:	2,167	RTL:	7/30/2018
										RW:	3	RW Cert:	5/31/2018
										Con:	770		
								Subtotal:	5,212		3,543		
								Total (Capital + Support):	\$8,755				
8	49.0	Near Pine Valley, at Buckman Springs Safety Roadside Rest Area (SRRA). Rehabilitate SRRA sewer and water systems.	1085	40910	1112000043	201.235	2016/17	RW:	0	PA&ED:	698	PA&ED:	2/18/2016
								Const:	3,275	PS&E:	1,251	RTL:	2/16/2017
										RW:	20	RW Cert:	2/13/2017
										Con:	1,034		
								Subtotal:	3,275		3,003		
								Total (Capital + Support):	\$6,278				



**2016 SHOPP V3.0 Project List
San Diego
(\$ in thousands)**



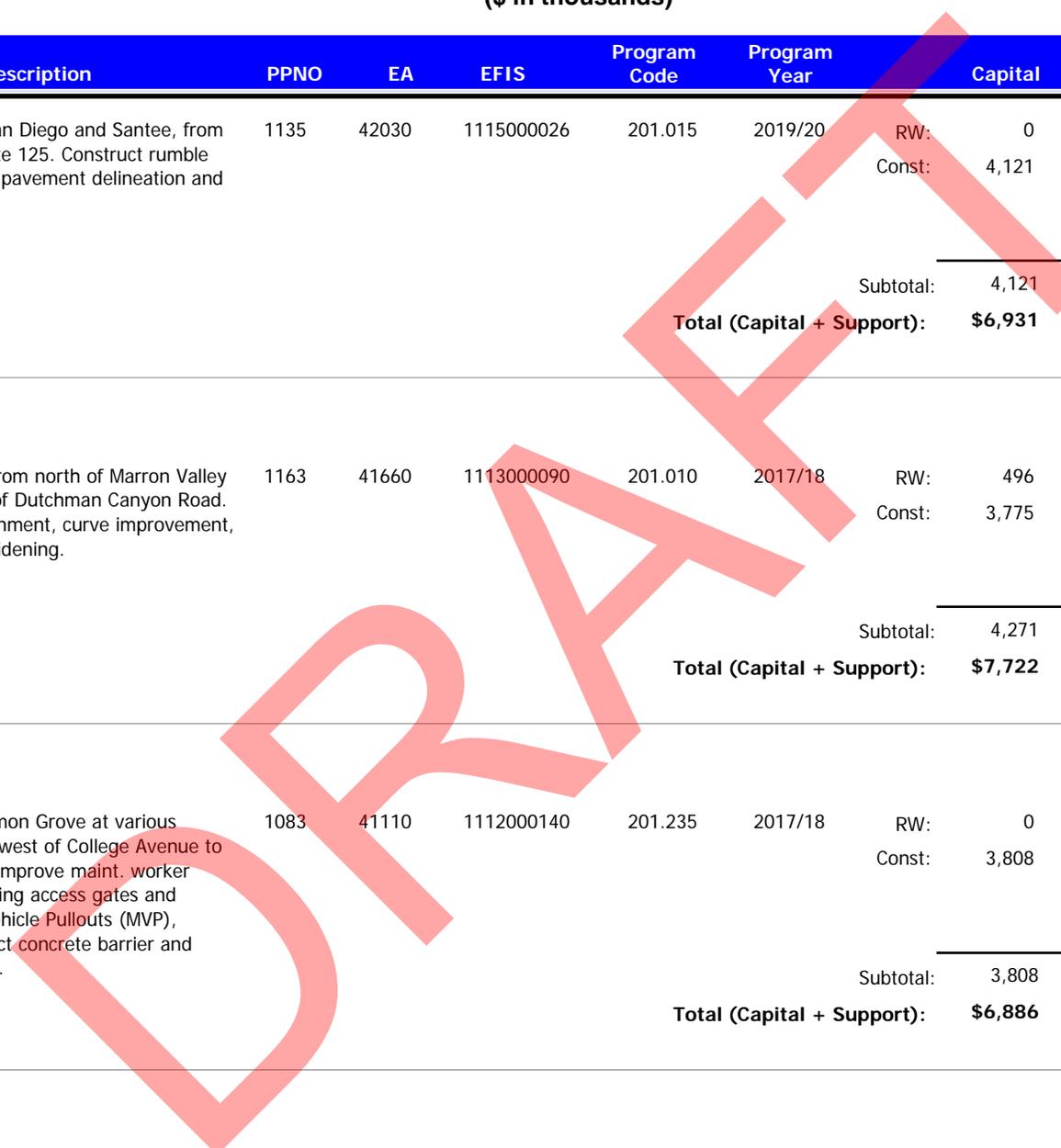
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
8	5.0/6.0	In the city of San Diego, from east of Route 805 to east of Route 15; also on Route 15 from north of Adams Avenue to north of Route 8 (PM M5.8/R6.3). Roadside safety improvements.	1166	41132	1115000132	201.235	2018/19	RW:	3	PA&ED:	371	PA&ED:	7/31/2017
								Const:	3,278	PS&E:	1,330	RTL:	7/30/2018
										RW:	2	RW Cert:	5/31/2018
										Con:	474		
								Subtotal:	3,281		2,177		
Total (Capital + Support):								\$5,458					
8	6.0/12.0	In the city of San Diego and La Mesa, from west of Mission Gorge Road to west of Route 125. Roadside safety improvements.	1167	41133	1115000133	201.235	2019/20	RW:	3	PA&ED:	565	PA&ED:	7/31/2018
								Const:	4,959	PS&E:	2,029	RTL:	7/30/2019
										RW:	3	RW Cert:	5/31/2019
										Con:	721		
								Subtotal:	4,962		3,318		
Total (Capital + Support):								\$8,280					
8	R0.1/R2.0	In the city of San Diego, from west of Morena Boulevard to east of Hotel Circle North interchange ramps. Enhance striping and signage in westbound direction.	1068	41480	1112000193	201.010	2016/17	RW:	73	PA&ED:	960	PA&ED:	11/19/2015
								Const:	8,142	PS&E:	1,323	RTL:	6/20/2017
										RW:	204	RW Cert:	10/28/2016
										Con:	2,063		
								Subtotal:	8,215		4,550		
Total (Capital + Support):								\$12,765					



**2016 SHOPP V3.0 Project List
San Diego
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
52	0.0/14.8	In the city of San Diego and Santee, from Route 5 to Route 125. Construct rumble strips, enhance pavement delineation and install barrier.	1135	42030	1115000026	201.015	2019/20	RW:	0	PA&ED:	478	PA&ED:	10/17/2017
								Const:	4,121	PS&E:	1,015	RTL:	7/6/2019
										RW:	0	RW Cert:	6/6/2019
										Con:	1,317		
								Subtotal:	4,121		2,810		
Total (Capital + Support):								\$6,931					
94	29.6/29.8	Near Dulzura, from north of Marron Valley Road to south of Dutchman Canyon Road. Roadway realignment, curve improvement, and shoulder widening.	1163	41660	1113000090	201.010	2017/18	RW:	496	PA&ED:	0	PA&ED:	3/25/2015
								Const:	3,775	PS&E:	2,123	RTL:	1/18/2018
										RW:	272	RW Cert:	11/28/2017
										Con:	1,056		
								Subtotal:	4,271		3,451		
Total (Capital + Support):								\$7,722					
94	7.2/10.5	In and near Lemon Grove at various locations, from west of College Avenue to Campo Road. Improve maint. worker safety by installing access gates and Maintenance Vehicle Pullouts (MVP), paving, construct concrete barrier and other measures.	1083	41110	1112000140	201.235	2017/18	RW:	0	PA&ED:	523	PA&ED:	12/1/2016
								Const:	3,808	PS&E:	1,221	RTL:	10/27/2017
										RW:	40	RW Cert:	8/4/2017
										Con:	1,294		
								Subtotal:	3,808		3,078		
Total (Capital + Support):								\$6,886					



2016 SHOPP V3.0 Project List San Diego (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
163	2.5/4.0	In the city of San Diego, from Robinson Avenue to San Diego River. Safety enhancements that include lighting, rumble strips, striping, lighting, bridge rail end treatments and high friction surface treatment.	1103	41530	1113000018	201.015	2016/17	RW:	0	PA&ED:	448	PA&ED:	7/29/2016
								Const:	6,193	PS&E:	710	RTL:	1/8/2017
										RW:	2	RW Cert:	12/19/2016
										Con:	1,261		
								Subtotal:	6,193		2,421		
Total (Capital + Support):								\$8,614					
805	0.3/4.0	In the cities of San Diego and Chula Vista, from south of San Ysidro Boulevard to north of Main Street at various locations. Construct Maintenance Vehicle Pullouts (MVP), paving, construct concrete barrier and other measures.	1084	41120	1112000141	201.235	2017/18	RW:	60	PA&ED:	425	PA&ED:	5/2/2016
								Const:	3,825	PS&E:	876	RTL:	8/19/2017
										RW:	27	RW Cert:	3/21/2017
										Con:	1,083		
								Subtotal:	3,885		2,411		
Total (Capital + Support):								\$6,296					
805	15.7/17.5	In the city of San Diego, from Landis Street to Route 8. Improve maint. worker safety by relocating equip. away from traffic, installing access gates, constructing Maintenance Vehicle Pullouts (MVP), replace MBGR with conc. barrier, and other measures.	1086	41080	1112000137	201.235	2016/17	RW:	0	PA&ED:	315	PA&ED:	8/14/2015
								Const:	3,241	PS&E:	940	RTL:	3/29/2017
										RW:	14	RW Cert:	6/12/2017
										Con:	930		
								Subtotal:	3,241		2,199		
Total (Capital + Support):								\$5,440					



**2016 SHOPP V3.0 Project List
San Diego
(\$ in thousands)**

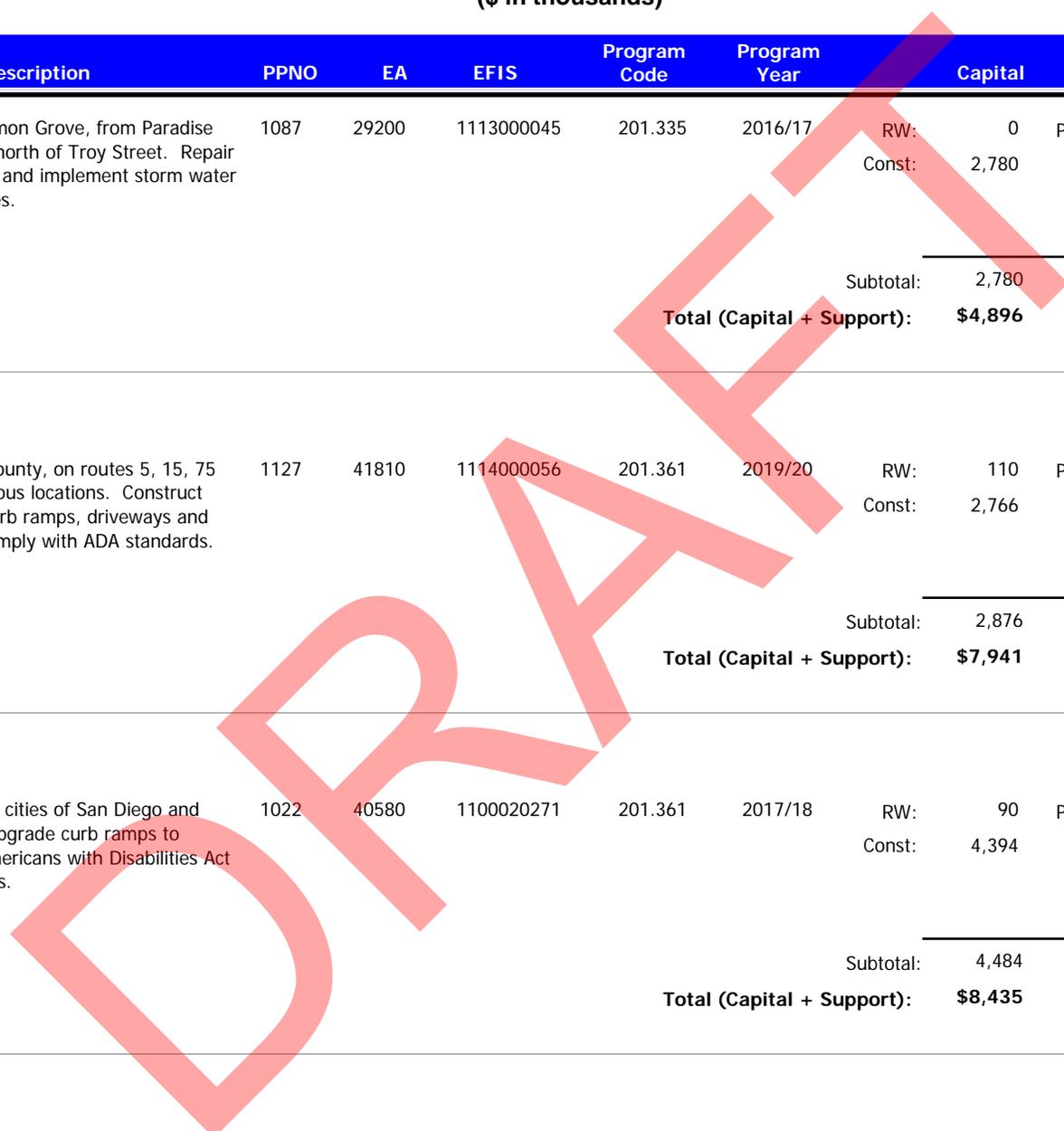


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
MANDATES												
5	R34.6/R35.1	In the city of San Diego, from 0.8 mile to 1.0 mile north of Del Mar Heights Road. Repair and enhance detention basin and regrade overflow channel and access road.	1164	41750	1114000028	201.335	2019/20	RW: 0 Const: 1,875	PA&ED: 241 PS&E: 526 RW: 0 Con: 702	PA&ED: 7/19/2018 RTL: 7/22/2019 RW Cert: 6/14/2019		
								Subtotal:	1,875	1,469		
								Total (Capital + Support):	\$3,344			
52	3.8/6.6	In the city of San Diego from Route 805 to Route 163. Repair median erosion and implement storm water quality measures.	1088	29280	1113000044	201.335	2017/18	RW: 0 Const: 2,751	PA&ED: 246 PS&E: 670 RW: 11 Con: 842	PA&ED: 10/5/2016 RTL: 10/24/2017 RW Cert: 9/6/2017		
								Subtotal:	2,751	1,769		
								Total (Capital + Support):	\$4,520			
78	2.5/2.7	In Oceanside, from 0.8 mile to 0.6 mile west of College Boulevard. Stormwater mitigation and slope erosion repair.	1125	41740	1114000027	201.335	2018/19	RW: 120 Const: 3,547	PA&ED: 276 PS&E: 651 RW: 50 Con: 984	PA&ED: 7/28/2017 RTL: 7/27/2018 RW Cert: 6/21/2018		
								Subtotal:	3,667	1,961		
								Total (Capital + Support):	\$5,628			

**2016 SHOPP V3.0 Project List
San Diego
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
125	9.8/12.4	In and near Lemon Grove, from Paradise Valley Road to north of Troy Street. Repair median erosion and implement storm water quality measures.	1087	29200	1113000045	201.335	2016/17	RW:	0	PA&ED:	281	PA&ED:	10/29/2015
								Const:	2,780	PS&E:	904	RTL:	10/14/2016
										RW:	12	RW Cert:	8/19/2016
										Con:	919		
								Subtotal:	2,780		2,116		
Total (Capital + Support):									\$4,896				
<hr/>													
VAR		In San Diego County, on routes 5, 15, 75 and 163 at various locations. Construct and upgrade curb ramps, driveways and sidewalks to comply with ADA standards.	1127	41810	1114000056	201.361	2019/20	RW:	110	PA&ED:	881	PA&ED:	6/1/2018
								Const:	2,766	PS&E:	2,425	RTL:	8/30/2019
										RW:	101	RW Cert:	8/1/2019
										Con:	1,658		
								Subtotal:	2,876		5,065		
Total (Capital + Support):									\$7,941				
<hr/>													
VAR		In and near the cities of San Diego and National City, upgrade curb ramps to comply with Americans with Disabilities Act (ADA) standards.	1022	40580	1100020271	201.361	2017/18	RW:	90	PA&ED:	496	PA&ED:	7/19/2016
								Const:	4,394	PS&E:	2,201	RTL:	9/21/2017
										RW:	134	RW Cert:	8/24/2017
										Con:	1,120		
								Subtotal:	4,484		3,951		
Total (Capital + Support):									\$8,435				



2016 SHOPP V3.0 Project List San Diego (\$ in thousands)

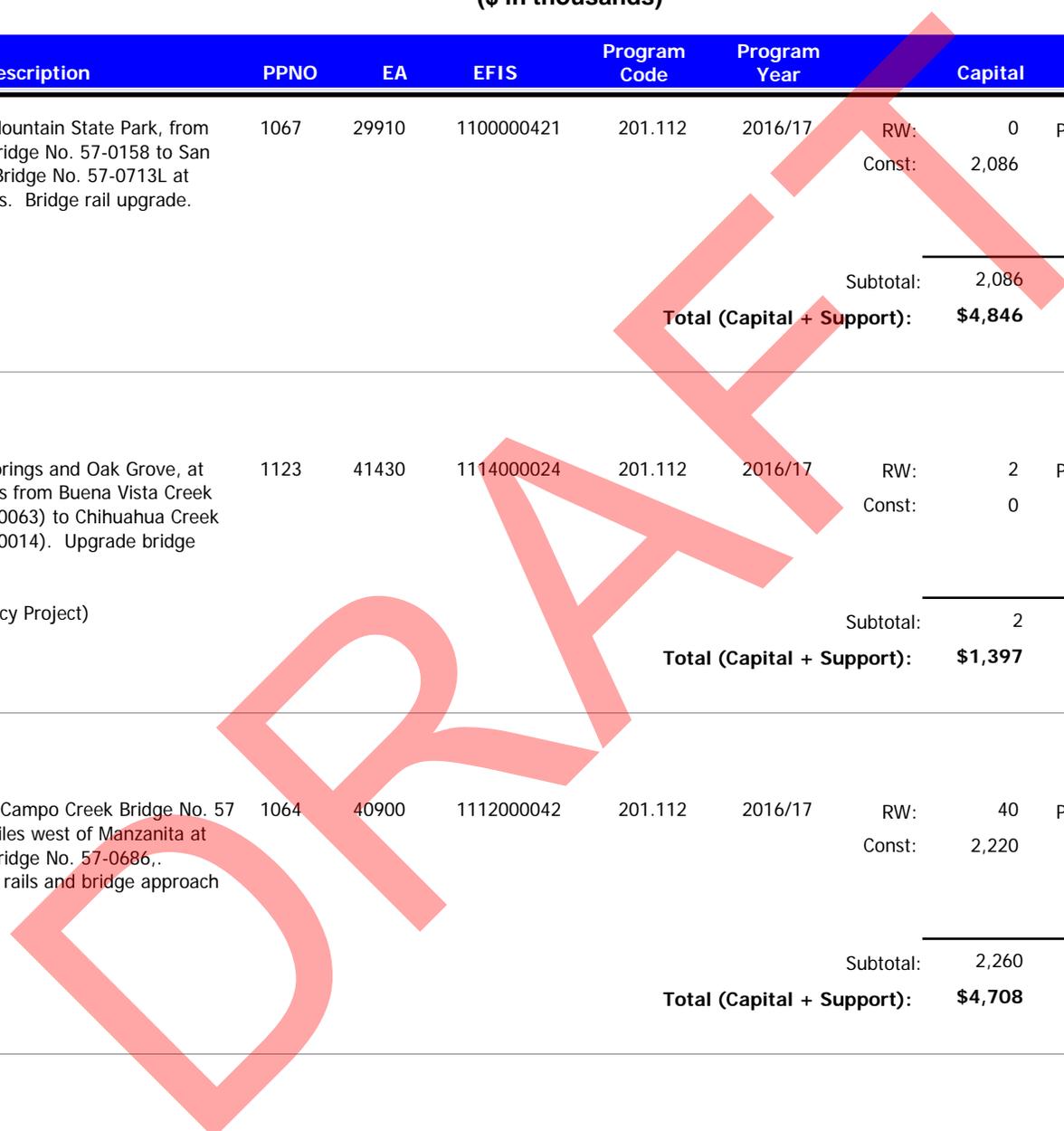


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
BRIDGE PRESERVATION												
5	VAR	In various cities, on various routes at various locations. Repair bridge decks, rails, and replace approach slabs.	1172	42150	1115000126	201.119	2016/17	RW: 0 Const: 1,835	PA&ED: 0 PS&E: 600 RW: 0 Con: 650	PA&ED: 0 RTL: 1/1/2017 RW Cert: 10/1/2016	1/1/2016 1/1/2017 10/1/2016	
								Subtotal:	1,835	1,250		
								Total (Capital + Support):	\$3,085			
15	VAR	In various cities, on various routes at various locations. Repair bridge decks, rails, and replace approach slabs.	1173	2M820	1115000099	201.119	2016/17	RW: 0 Const: 2,361	PA&ED: 0 PS&E: 651 RW: 0 Con: 679	PA&ED: 0 RTL: 1/1/2017 RW Cert: 10/1/2016	1/1/2016 1/1/2017 10/1/2016	
								Subtotal:	2,361	1,330		
								Total (Capital + Support):	\$3,691			
75	R20.3/R22.0	In the cities of San Diego and Coronado, at the San Diego-Coronado Bay Bridge No. 57 -0857 and related facilities. Rehabilitate and upgrade bridge electrical components. (G13 Contingency Project)	1063	26220	1100000215	201.110	2016/17	RW: 32 Const: 0	PA&ED: 426 PS&E: 1,243 RW: 103 Con: 0	PA&ED: 9/30/2015 RTL: 2/28/2017 RW Cert: 2/3/2017	9/30/2015 2/28/2017 2/3/2017	
								Subtotal:	32	1,772		
								Total (Capital + Support):	\$1,804			

2016 SHOPP V3.0 Project List San Diego (\$ in thousands)



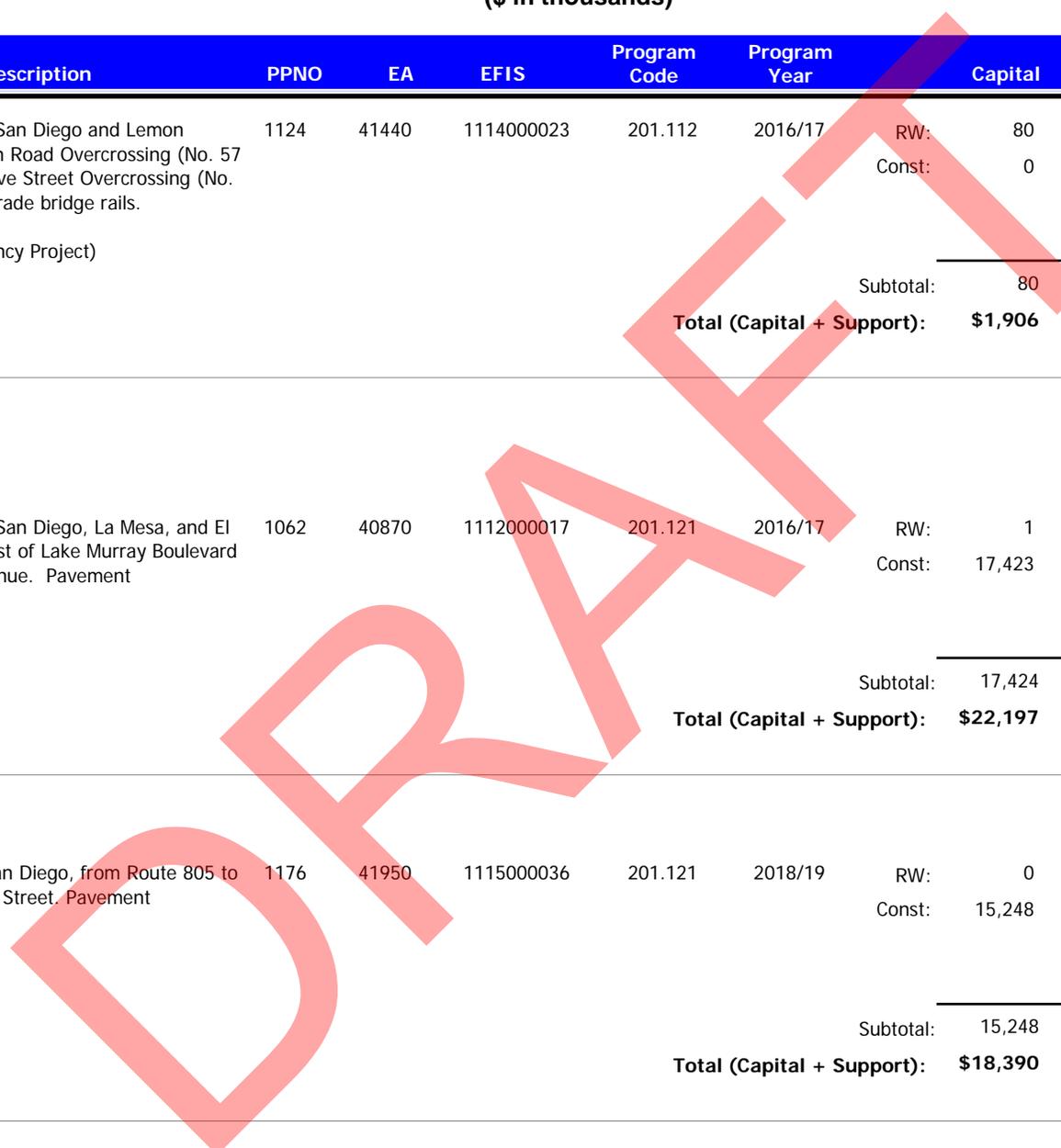
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
76	22.2/47.1	Near Palomar Mountain State Park, from Gomez Creek Bridge No. 57-0158 to San Luis Rey River Bridge No. 57-0713L at various locations. Bridge rail upgrade.	1067	29910	1100000421	201.112	2016/17	RW:	0	PA&ED:	400	PA&ED:	12/2/2015
								Const:	2,086	PS&E:	1,344	RTL:	3/14/2017
										RW:	1	RW Cert:	1/26/2017
										Con:	1,015		
								Subtotal:	2,086		2,760		
Total (Capital + Support):									\$4,846				
79	31.3/49.9	Near Warner Springs and Oak Grove, at various locations from Buena Vista Creek Bridge (No. 57-0063) to Chihuahua Creek Bridge (No. 57-0014). Upgrade bridge rails. (G13 Contingency Project)	1123	41430	1114000024	201.112	2016/17	RW:	2	PA&ED:	330	PA&ED:	12/31/2015
								Const:	0	PS&E:	1,061	RTL:	3/22/2017
										RW:	4	RW Cert:	3/1/2017
										Con:	0		
								Subtotal:	2		1,395		
Total (Capital + Support):									\$1,397				
94	46.9/R58.9	Near Campo at Campo Creek Bridge No. 57-0118, and 7 miles west of Manzanita at Campo Creek Bridge No. 57-0686. Upgrade bridge rails and bridge approach rails.	1064	40900	1112000042	201.112	2016/17	RW:	40	PA&ED:	371	PA&ED:	9/30/2015
								Const:	2,220	PS&E:	981	RTL:	8/30/2016
										RW:	2	RW Cert:	6/21/2016
										Con:	1,094		
								Subtotal:	2,260		2,448		
Total (Capital + Support):									\$4,708				



**2016 SHOPP V3.0 Project List
San Diego
(\$ in thousands)**



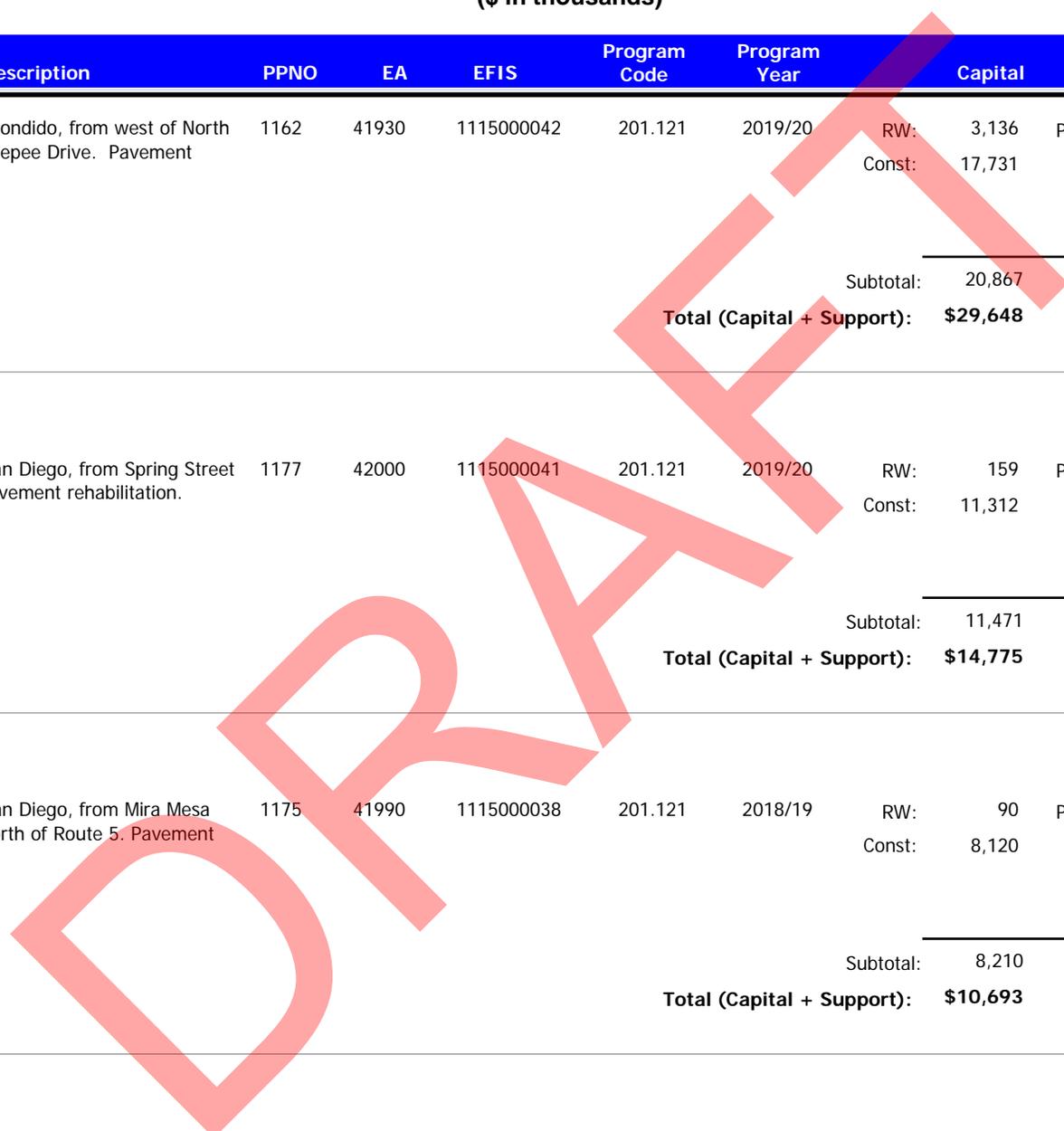
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
94	5.8/9.3	In the cities of San Diego and Lemon Grove, at Kelton Road Overcrossing (No. 57-0300) and Grove Street Overcrossing (No. 57-0322). Upgrade bridge rails. (G13 Contingency Project)	1124	41440	1114000023	201.112	2016/17	RW:	80	PA&ED:	657	PA&ED:	12/18/2015
								Const:	0	PS&E:	1,034	RTL:	3/22/2017
										RW:	135	RW Cert:	3/1/2017
										Con:	0		
								Subtotal:	80		1,826		
Total (Capital + Support):								\$1,906					
ROADWAY PRESERVATION													
8	9.0/15.3	In the cities of San Diego, La Mesa, and El Cajon, from west of Lake Murray Boulevard to Johnson Avenue. Pavement rehabilitation.	1062	40870	1112000017	201.121	2016/17	RW:	1	PA&ED:	636	PA&ED:	3/28/2016
								Const:	17,423	PS&E:	1,142	RTL:	5/18/2017
										RW:	7	RW Cert:	4/20/2017
										Con:	2,988		
								Subtotal:	17,424		4,773		
Total (Capital + Support):								\$22,197					
52	3.8/5.1	In the city of San Diego, from Route 805 to west of Convoy Street. Pavement rehabilitation.	1176	41950	1115000036	201.121	2018/19	RW:	0	PA&ED:	0	PA&ED:	6/19/2015
								Const:	15,248	PS&E:	1,056	RTL:	11/16/2018
										RW:	0	RW Cert:	10/5/2018
										Con:	2,086		
								Subtotal:	15,248		3,142		
Total (Capital + Support):								\$18,390					



**2016 SHOPP V3.0 Project List
San Diego
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital		Support		Milestones
78	N17.6/R21.4	In and near Escondido, from west of North Broadway to Teepee Drive. Pavement rehabilitation.	1162	41930	1115000042	201.121	2019/20	RW:	3,136	PA&ED:	1,180	PA&ED:	3/9/2018
								Const:	17,731	PS&E:	2,790	RTL:	10/4/2019
										RW:	2,168	RW Cert:	9/13/2019
										Con:	2,643		
								Subtotal:	20,867		8,781		
Total (Capital + Support):									\$29,648				
94	R10.4/14.9	In the city of San Diego, from Spring Street to Route 54. Pavement rehabilitation.	1177	42000	1115000041	201.121	2019/20	RW:	159	PA&ED:	505	PA&ED:	7/5/2017
								Const:	11,312	PS&E:	1,252	RTL:	11/19/2019
										RW:	10	RW Cert:	10/4/2019
										Con:	1,537		
								Subtotal:	11,471		3,304		
Total (Capital + Support):									\$14,775				
805	27.1/28.9	In the city of San Diego, from Mira Mesa Boulevard to north of Route 5. Pavement rehabilitation.	1175	41990	1115000038	201.121	2018/19	RW:	90	PA&ED:	0	PA&ED:	6/19/2015
								Const:	8,120	PS&E:	1,181	RTL:	11/16/2018
										RW:	0	RW Cert:	10/5/2018
										Con:	1,302		
								Subtotal:	8,210		2,483		
Total (Capital + Support):									\$10,693				



**2016 SHOPP V3.0 Project List
San Diego
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
VAR		In San Diego County, on various routes at various locations. Culvert rehabilitation.	1134	41820	1114000063	201.151	2018/19	RW: 483 Const: 2,646	PA&ED: 568 PS&E: 988 RW: 418 Con: 718	PA&ED: 10/20/2017 RTL: 2/15/2019 RW Cert: 1/30/2019
								Subtotal:	3,129	2,692
								Total (Capital + Support):	\$5,821	
VAR		In various cities, at various locations. Upgrade existing guide signs to current standards.	1129	41910	1114000125	201.170	2016/17	RW: 0 Const: 10,671	PA&ED: 640 PS&E: 1,224 RW: 5 Con: 1,486	PA&ED: 3/14/2016 RTL: 2/21/2017 RW Cert: 10/7/2016
								Subtotal:	10,671	3,355
								Total (Capital + Support):	\$14,026	
VAR		In various cities, at various locations. Upgrade existing guide signs to current standards.	1130	41911	1114000126	201.170	2016/17	RW: 0 Const: 10,593	PA&ED: 640 PS&E: 1,224 RW: 5 Con: 1,486	PA&ED: 3/16/2016 RTL: 2/16/2017 RW Cert: 12/16/2016
								Subtotal:	10,593	3,355
								Total (Capital + Support):	\$13,948	



2016 SHOPP V3.0 Project List San Diego (\$ in thousands)



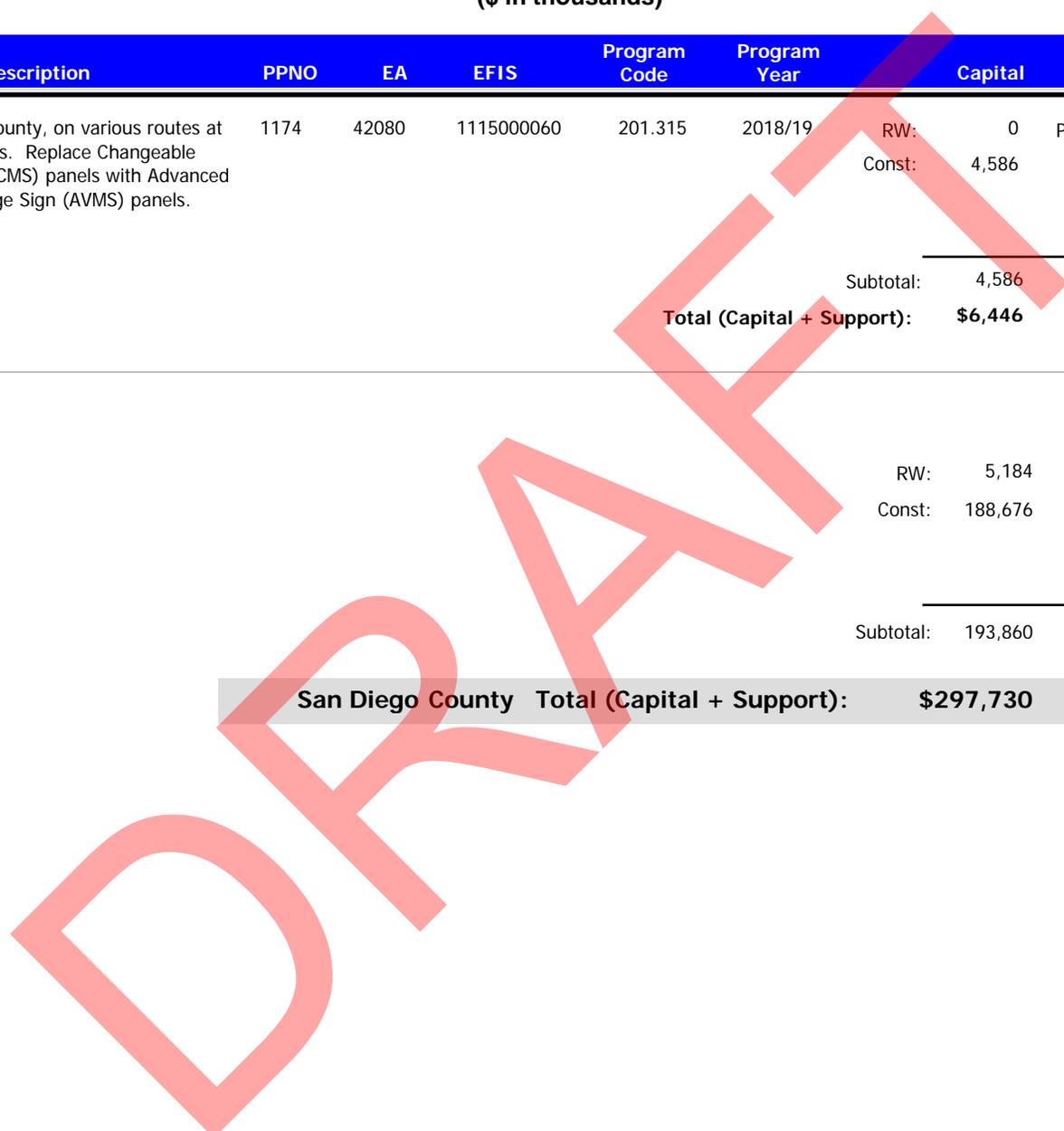
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MOBILITY													
5	R25.9/R26.8	In the city of San Diego, from Route 52 to Gilman Drive. Construct auxiliary lane.	1137	42010	1115000047	201.310	2017/18	RW:	143	PA&ED:	400	PA&ED:	8/9/2016
								Const:	6,403	PS&E:	1,000	RTL:	10/2/2017
										RW:	125	RW Cert:	5/3/2017
										Con:	1,630		
								Subtotal:	6,546		3,155		
								Total (Capital + Support):	\$9,701				
5	R28.6/R29.3	In the city of San Diego, from north of La Jolla Village Drive to south of Genesee Avenue, on southbound. Construct a 1/2 mile auxiliary lane. (G13 Contingency Project)	1136	2T215	1114000074	201.310	2016/17	RW:	0	PA&ED:	0	PA&ED:	
								Const:	0	PS&E:	1,000	RTL:	10/3/2016
										RW:	0	RW Cert:	2/29/2016
										Con:	0		
								Subtotal:	0		1,000		
								Total (Capital + Support):	\$1,000				
VAR		In San Diego County, on various routes at various locations. Replace Changeable Message Sign (CMS) panels with Advanced Variable Message Sign (AVMS) panels.	1171	42070	1115000057	201.315	2019/20	RW:	0	PA&ED:	0	PA&ED:	6/19/2015
								Const:	4,401	PS&E:	585	RTL:	7/15/2019
										RW:	0	RW Cert:	4/15/2019
										Con:	886		
								Subtotal:	4,401		1,471		
								Total (Capital + Support):	\$5,872				



2016 SHOPP V3.0 Project List San Diego (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones		
VAR		In San Diego County, on various routes at various locations. Replace Changeable Message Sign (CMS) panels with Advanced Variable Message Sign (AVMS) panels.	1174	42080	1115000060	201.315	2018/19	RW: 0 Const: 4,586	PA&ED: 389 PS&E: 585 RW: 0 Con: 886	PA&ED: 9/15/2016 RTL: 7/16/2018 RW Cert: 2/15/2018		
								Subtotal:	4,586	1,860		
								Total (Capital + Support):		\$6,446		
								RW:	5,184	PA&ED: 15,348		
								Const:	188,676	PS&E: 44,036		
										RW: 3,946		
										Con: 40,540		
								Subtotal:	193,860	103,870		
								San Diego County Total (Capital + Support):		\$297,730		



**2016 SHOPP V3.0 Project List
San Francisco
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
1	VAR	In the City of San Francisco, on Routes 1, 35, 80, 101 and 280 at various locations. Crosswalk safety enhancements.	1489B	3J890	0415000221	201.015	2018/19	RW:	5	PA&ED:	440	PA&ED:	1/15/2018
								Const:	7,060	PS&E:	914	RTL:	6/28/2019
										RW:	91	RW Cert:	6/7/2019
								Con:		914			
								Subtotal:	7,065		2,359		
								Total (Capital + Support):	\$9,424				
<hr/>													
VAR		In San Francisco County, on Routes 35 and 82 at various locations; also in Santa Clara County, on Routes 82, 130, and 152 at various locations. Install pedestrian crosswalk safety enhancements.	0158G	4H751	0416000119	201.015	2016/17	RW:	80	PA&ED:	416	PA&ED:	
								Const:	4,650	PS&E:	1,250	RTL:	2/28/2017
										RW:	130	RW Cert:	2/16/2017
								Con:		1,100			
								Subtotal:	4,730		2,896		
								Total (Capital + Support):	\$7,626				
<hr/>													
<u>MANDATES</u>													
1	6.0	In the city of San Francisco, at Presidio National Park. Water quality improvements.	1067C	1A905	0414000340	201.335	2017/18	RW:	1,050	PA&ED:	650	PA&ED:	2/1/2017
								Const:	710	PS&E:	180	RTL:	1/15/2018
										RW:	50	RW Cert:	2/1/2018
								Con:		190			
								Subtotal:	1,760		1,070		
								Total (Capital + Support):	\$2,830				



**2016 SHOPP V3.0 Project List
San Francisco
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
101	2.0	Near San Francisco, at Alemany Circle Undercrossing No. 34-0033. Rehabilitate bridge. (G13 Contingency Project)	0587D	3G620	0412000141	201.110	2017/18	RW:	20	PA&ED:	2,400	PA&ED:	6/15/2017
								Const:	0	PS&E:	3,000	RTL:	12/15/2018
										RW:	20	RW Cert:	11/1/2018
										Con:	0		
								Subtotal:	20		5,420		
								Total (Capital + Support):	\$5,440				
ROADWAY PRESERVATION													
1	6.3/6.6	In the City and County of San Francisco, from north of Lake Street to south of Route 101 at the McArthur Tunnel. Replace existing lighting system with LED lighting system.	1490A	3J300	0415000147	201.170	2016/17	RW:	5	PA&ED:	220	PA&ED:	4/1/2016
								Const:	3,956	PS&E:	440	RTL:	5/1/2017
										RW:	25	RW Cert:	4/1/2017
										Con:	790		
								Subtotal:	3,961		1,475		
								Total (Capital + Support):	\$5,436				
1	R0.0/R6.9	In San Francisco, from Route 280 to Ruckman Avenue undercrossing. Rehabilitate roadway.	0585E	4C130	0400001180	201.121	2017/18	RW:	180	PA&ED:	294	PA&ED:	5/1/2016
								Const:	17,143	PS&E:	1,319	RTL:	3/1/2018
										RW:	35	RW Cert:	12/12/2017
										Con:	1,319		
								Subtotal:	17,323		2,967		
								Total (Capital + Support):	\$20,290				

**2016 SHOPP V3.0 Project List
San Francisco
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
101	6.7/8.1	In the city and county of San Francisco, from Van Ness Avenue to Lyon Street. Rehabilitate pavement.	0480T	3E602	0414000084	201.121	2017/18	RW: 200 Const: 3,495	PA&ED: 290 PS&E: 616 RW: 44 Con: 616	PA&ED: 12/1/2015 RTL: 3/1/2018 RW Cert: 9/1/2017
								Subtotal:	3,695	1,566
								Total (Capital + Support):	\$5,261	
101	T4.7/6.7	In San Francisco, from Mission Street to Lombard Street. Rehabilitate pavement. (Financial Contribution Only)	0832J	3E601	0414000083	201.121	2016/17	RW: 0 Const: 7,300	PA&ED: 180 PS&E: 0 RW: 30 Con: 0	PA&ED: RTL: RW Cert:
								Subtotal:	7,300	210
								Total (Capital + Support):	\$7,510	
MOBILITY										
1	R0.7/5.9	In the City and County of San Francisco, from Junipero Serra Boulevard to Lake Street. Upgrade and interconnect traffic signals.	0481V	OJ700	0414000027	201.315	2017/18	RW: 115 Const: 4,628	PA&ED: 0 PS&E: 750 RW: 340 Con: 750	PA&ED: 6/30/2015 RTL: 3/1/2018 RW Cert: 2/1/2018
								Subtotal:	4,743	1,840
								Total (Capital + Support):	\$6,583	



**2016 SHOPP V3.0 Project List
San Francisco
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
								RW: 1,655	PA&ED: 4,890		
								Const: 48,942	PS&E: 8,469		
									RW: 765		
									Con: 5,679		
								<hr/>			
								Subtotal: 50,597	19,803		
San Francisco County Total (Capital + Support):								\$70,400			

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**2016 SHOPP V3.0 Project List
San Joaquin
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
4	15.7/R19.2	In Stockton, from Fresno Avenue to Route 99 at various locations. Improvements to reduce maintenance worker safety exposure.	3110	0X690	1013000241	201.235	2019/20	RW:	60	PA&ED:	708	PA&ED:	7/17/2018
								Const:	3,969	PS&E:	851	RTL:	1/15/2020
										RW:	10	RW Cert:	12/15/2019
										Con:	682		
								Subtotal:	4,029		2,251		
								Total (Capital + Support):	\$6,280				
<u>MANDATES</u>													
12	14.9/18.1	In Lodi, from Westgate Drive to Route 99. Upgrade pedestrian curb ramps to ADA standards.	3079	0Y550	1013000239	201.361	2016/17	RW:	451	PA&ED:	225	PA&ED:	9/2/2015
								Const:	672	PS&E:	150	RTL:	6/1/2017
										RW:	100	RW Cert:	6/1/2017
										Con:	250		
								Subtotal:	1,123		725		
								Total (Capital + Support):	\$1,848				
99	0.9	In Ripon, at Main Street Overcrossing; also in Lodi at Turner Road Overcrossing (PM 31.6). Upgrade pedestrian facilities to comply with Americans with Disabilities Act requirements.	3150	1C060	1014000102	201.361	2018/19	RW:	8	PA&ED:	97	PA&ED:	7/1/2017
								Const:	1,553	PS&E:	207	RTL:	2/15/2019
										RW:	58	RW Cert:	2/15/2019
										Con:	285		
								Subtotal:	1,561		647		
								Total (Capital + Support):	\$2,208				



**2016 SHOPP V3.0 Project List
San Joaquin
(\$ in thousands)**

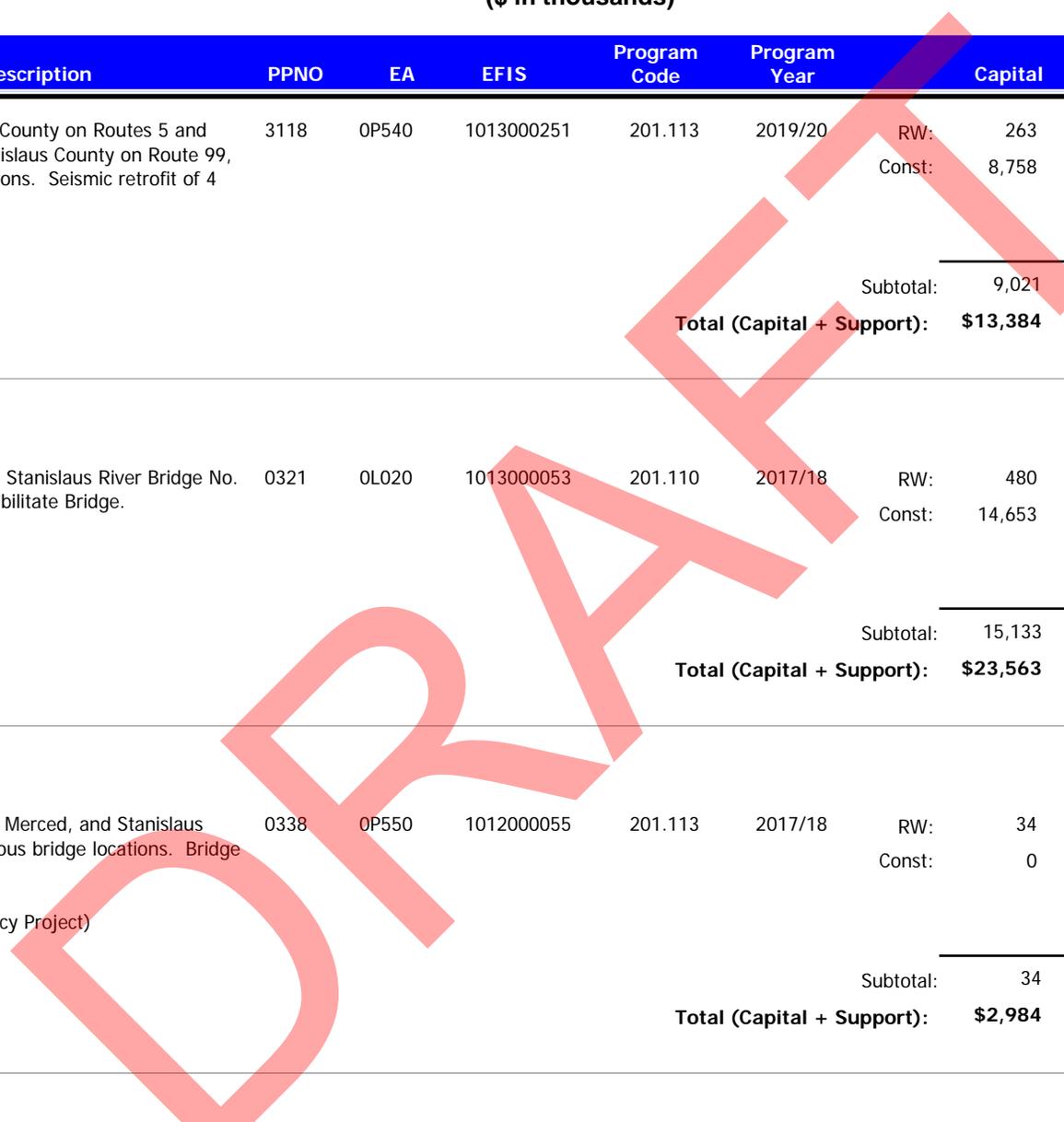


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
4		Near Discovery Bay, at Old River Bridge No. 29-0045. Upgrade mechanical and electrical equipment on movable bridge.	3113	1C800	1015000037	201.119	2019/20	RW:	2,000	PA&ED:	490	PA&ED:	8/15/2018
								Const:	4,079	PS&E:	1,358	RTL:	5/4/2020
										RW:	55	RW Cert:	4/3/2020
								Con:		1,319			
								Subtotal:	6,079		3,222		
								Total (Capital + Support):	\$9,301				
4	17.2	In Stockton, at Route 4/99 Separation (Farmington Road) bridge no. 29-0155. Replace structure to provide standard vertical clearance.	3148	0X310	1013000265	201.322	2019/20	RW:	115	PA&ED:	673	PA&ED:	1/2/2018
								Const:	5,776	PS&E:	2,092	RTL:	1/29/2020
										RW:	147	RW Cert:	1/15/2020
								Con:		1,984			
								Subtotal:	5,891		4,896		
								Total (Capital + Support):	\$10,787				
5		In Stockton, at Route 5/4 Separation Bridge No. 29-0232R/L, Route 4/5 Connector Undercrossing Bridge No. 29-0235R/L and Route 5/4 Connector viaduct Bridge No. 29-0233H. Seismic retrofit.	0337	0G720	1012000039	201.113	2016/17	RW:	0	PA&ED:	0	PA&ED:	9/7/2012
								Const:	2,195	PS&E:	1,490	RTL:	3/15/2017
										RW:	10	RW Cert:	2/15/2016
								Con:		1,174			
								Subtotal:	2,195		2,674		
								Total (Capital + Support):	\$4,869				

2016 SHOPP V3.0 Project List San Joaquin (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
5	VAR	In San Joaquin County on Routes 5 and 580 and in Stanislaus County on Route 99, at various locations. Seismic retrofit of 4 bridges.	3118	0P540	1013000251	201.113	2019/20	RW:	263	PA&ED:	515	PA&ED:	7/3/2017
								Const:	8,758	PS&E:	1,992	RTL:	11/15/2019
										RW:	73	RW Cert:	11/1/2019
										Con:	1,783		
								Subtotal:	9,021		4,363		
Total (Capital + Support):								\$13,384					
99	0.0	In Ripon, at the Stanislaus River Bridge No. 29-0013L. Rehabilitate Bridge.	0321	0L020	1013000053	201.110	2017/18	RW:	480	PA&ED:	1,969	PA&ED:	4/15/2016
								Const:	14,653	PS&E:	3,031	RTL:	6/15/2018
										RW:	180	RW Cert:	6/15/2018
										Con:	3,250		
								Subtotal:	15,133		8,430		
Total (Capital + Support):								\$23,563					
VAR		In San Joaquin, Merced, and Stanislaus counties at various bridge locations. Bridge seismic retrofit. (G13 Contingency Project)	0338	0P550	1012000055	201.113	2017/18	RW:	34	PA&ED:	900	PA&ED:	12/1/2015
								Const:	0	PS&E:	2,000	RTL:	10/20/2017
										RW:	50	RW Cert:	9/20/2017
										Con:	0		
								Subtotal:	34		2,950		
Total (Capital + Support):								\$2,984					



2016 SHOPP V3.0 Project List San Joaquin (\$ in thousands)



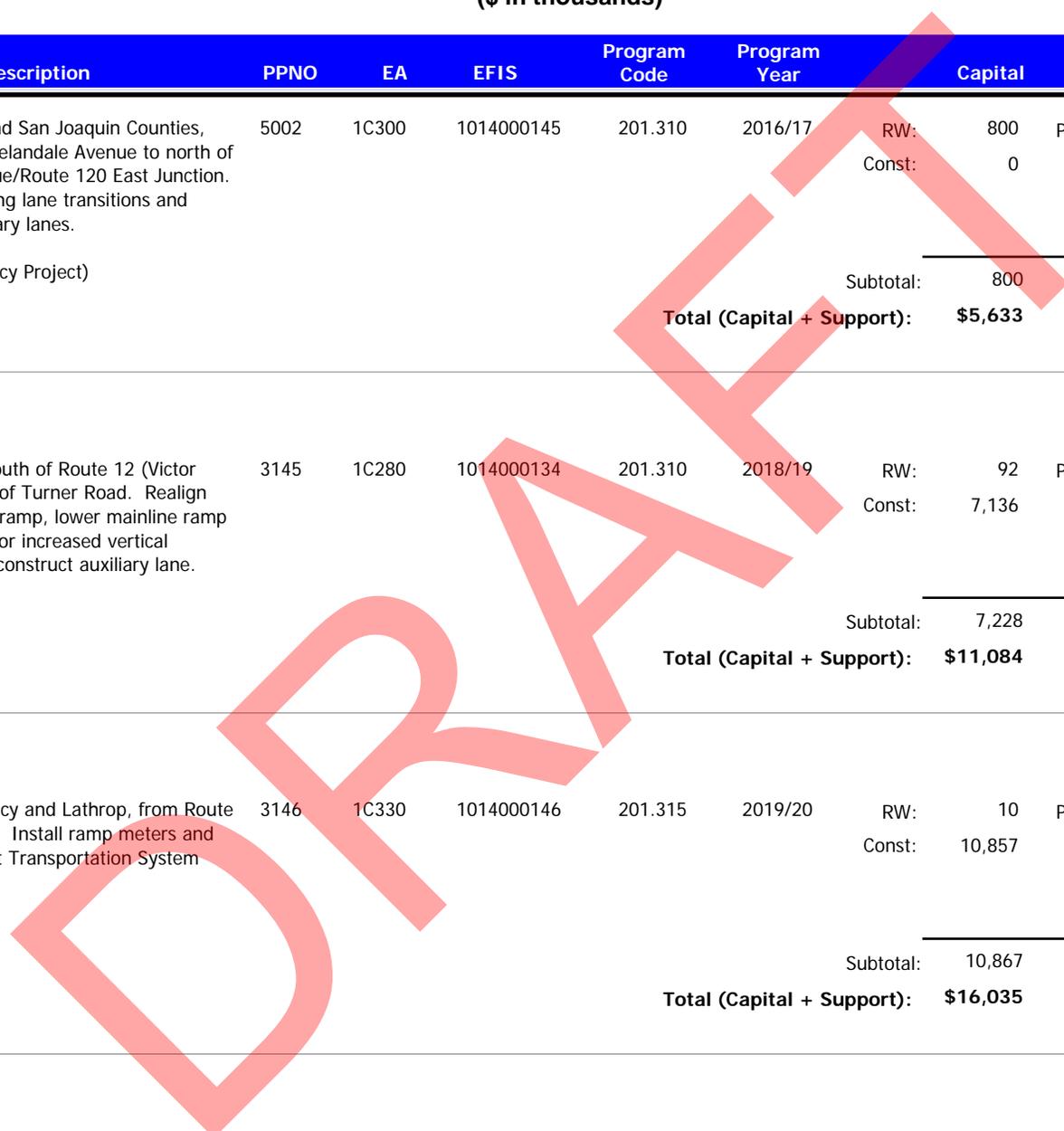
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
ROADWAY PRESERVATION												
5	VAR	In San Joaquin County on Routes 5 and 99, and in Stanislaus County on Routes 5, at various locations. Upgrade sign panels and replace overhead sign structures.	3129	1C530	1015000002	201.170	2018/19	RW: 8 Const: 1,538	PA&ED: 353 PS&E: 889 RW: 52 Con: 543	PA&ED: 4/3/2017 RTL: 12/3/2018 RW Cert: 8/15/2018		
								Subtotal:	1,546	1,837		
								Total (Capital + Support):	\$3,383			
<hr/>												
88	16.4/25.4	Near Lockeford, from east of Disch Road to the Amador County line. Rehabilitate pavement.	0165	0Q180	1013000256	201.121	2017/18	RW: 0 Const: 6,100	PA&ED: 100 PS&E: 400 RW: 50 Con: 750	PA&ED: 1/15/2018 RW Cert: 9/15/2017		
								Subtotal:	6,100	1,300		
								Total (Capital + Support):	\$7,400			
<hr/>												
MOBILITY												
5	VAR	In various counties on various routes, at various locations. Upgrade Transportation Management System (TMS) elements.	3147	1C620	1015000001	201.315	2018/19	RW: 15 Const: 3,462	PA&ED: 333 PS&E: 881 RW: 138 Con: 697	PA&ED: 4/3/2017 RTL: 8/8/2018 RW Cert: 3/1/2018		
								Subtotal:	3,477	2,049		
								Total (Capital + Support):	\$5,526			



**2016 SHOPP V3.0 Project List
San Joaquin
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
99	0.0/6.8	In Stanislaus and San Joaquin Counties, from south of Pelandale Avenue to north of Yosemite Avenue/Route 120 East Junction. Lengthen existing lane transitions and construct auxiliary lanes. (G13 Contingency Project)	5002	1C300	1014000145	201.310	2016/17	RW:	800	PA&ED:	2,061	PA&ED:	3/1/2016
								Const:	0	PS&E:	2,650	RTL:	6/1/2017
										RW:	122	RW Cert:	5/1/2017
										Con:	0		
								Subtotal:	800		4,833		
Total (Capital + Support):								\$5,633					
99	30.9/31.3	In Lodi, from south of Route 12 (Victor Road) to south of Turner Road. Realign northbound on-ramp, lower mainline ramp vertical profile for increased vertical clearance, and construct auxiliary lane.	3145	1C280	1014000134	201.310	2018/19	RW:	92	PA&ED:	910	PA&ED:	11/2/2017
								Const:	7,136	PS&E:	1,296	RTL:	5/28/2019
										RW:	75	RW Cert:	5/17/2019
										Con:	1,575		
								Subtotal:	7,228		3,856		
Total (Capital + Support):								\$11,084					
205	L0.0/R13.4	In and near Tracy and Lathrop, from Route 580 to Route 5. Install ramp meters and other Intelligent Transportation System (ITS) elements.	3146	1C330	1014000146	201.315	2019/20	RW:	10	PA&ED:	1,057	PA&ED:	1/15/2018
								Const:	10,857	PS&E:	1,772	RTL:	7/15/2019
										RW:	6	RW Cert:	11/1/2019
										Con:	2,333		
								Subtotal:	10,867		5,168		
Total (Capital + Support):								\$16,035					



**2016 SHOPP V3.0 Project List
San Joaquin
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
								RW: 4,336	PA&ED: 10,391	
								Const: 70,748	PS&E: 21,059	
									RW: 1,126	
									Con: 16,625	
								<hr/>		
								Subtotal: 75,084	49,201	
San Joaquin County Total (Capital + Support):								\$124,285		

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2016 SHOPP V3.0 Project List San Luis Obispo (\$ in thousands)



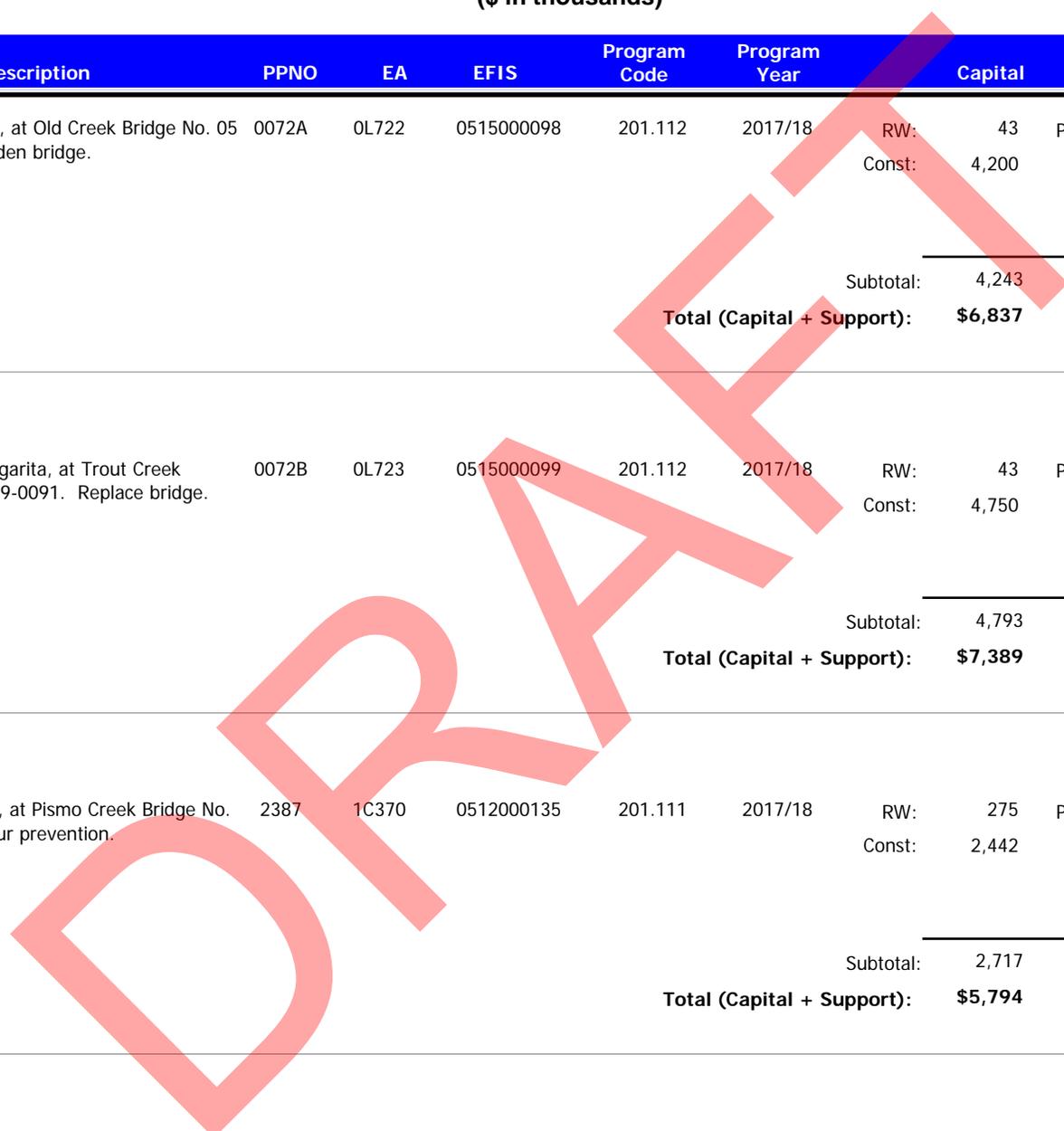
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
101	36.6/55.7	In and near Atascadero, from Santa Margarita Creek to South Paso Robles Overhead. Improve clear recovery and install barrier.	2518	1F490	0514000002	201.015	2019/20	RW:	50	PA&ED:	395	PA&ED:	8/1/2018
								Const:	2,687	PS&E:	1,097	RTL:	3/2/2020
										RW:	50	RW Cert:	11/1/2019
										Con:	805		
								Subtotal:	2,737		2,347		
								Total (Capital + Support):	\$5,084				
<hr/>													
101	VAR	In the city of San Luis Obispo, from north of Marsh Street Bridge to Broad Street; also in Atascadero on Route 41 from Old Morro Road to Atascadero Creek Bridge (PM 12.5/13.3). Upgrade highway safety features.	2508	1F370	0513000135	201.015	2019/20	RW:	7	PA&ED:	834	PA&ED:	7/3/2018
								Const:	3,800	PS&E:	970	RTL:	4/1/2020
										RW:	92	RW Cert:	3/20/2020
										Con:	843		
								Subtotal:	3,807		2,739		
								Total (Capital + Support):	\$6,546				
<hr/>													
<u>BRIDGE PRESERVATION</u>													
1	32.6	In Morro Bay, at Toro Creek Bridge (Bridge # 49-0068R). Replace Bridge.	0072	0L721	0515000097	201.112	2017/18	RW:	43	PA&ED:	972	PA&ED:	7/29/2016
								Const:	5,200	PS&E:	800	RTL:	12/1/2017
										RW:	23	RW Cert:	4/13/2017
										Con:	800		
								Subtotal:	5,243		2,595		
								Total (Capital + Support):	\$7,838				



**2016 SHOPP V3.0 Project List
San Luis Obispo
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
1	34.5	Near Morro Bay, at Old Creek Bridge No. 05-49-0070R. Widen bridge.	0072A	0L722	0515000098	201.112	2017/18	RW:	43	PA&ED:	972	PA&ED:	7/29/2016
								Const:	4,200	PS&E:	800	RTL:	12/1/2017
										RW:	22	RW Cert:	4/13/2017
										Con:	800		
								Subtotal:	4,243		2,594		
Total (Capital + Support):								\$6,837					
58	3.1	Near Santa Margarita, at Trout Creek Bridge No. 05-49-0091. Replace bridge.	0072B	0L723	0515000099	201.112	2017/18	RW:	43	PA&ED:	973	PA&ED:	7/29/2016
								Const:	4,750	PS&E:	800	RTL:	12/1/2017
										RW:	23	RW Cert:	4/13/2017
										Con:	800		
								Subtotal:	4,793		2,596		
Total (Capital + Support):								\$7,389					
101	16.4	In Pismo Beach, at Pismo Creek Bridge No. 49-0015K. Scour prevention.	2387	1C370	0512000135	201.111	2017/18	RW:	275	PA&ED:	930	PA&ED:	9/2/2016
								Const:	2,442	PS&E:	1,116	RTL:	5/2/2018
										RW:	185	RW Cert:	2/2/2018
										Con:	846		
								Subtotal:	2,717		3,077		
Total (Capital + Support):								\$5,794					



**2016 SHOPP V3.0 Project List
San Luis Obispo
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
ROADWAY PRESERVATION												
1	34.4/44.4	In and near Cayucos, from Old Creek Bridge to north of Harmony Valley Road. Pavement rehabilitation.	2587	1G140	0514000111	201.121	2017/18	RW: 0 Const: 14,789	PA&ED: 0 PS&E: 1,194 RW: 30 Con: 1,837	PA&ED: 0 RTL: 11/6/2017 RW Cert: 7/3/2017		
								Subtotal:	14,789	3,061		
								Total (Capital + Support):	\$17,850			
1	64.0/R66.9	Near San Simeon, from Piedras Blancas Lighthouse Road to Arroyo De La Cruz Bridge. On-site landscape mitigation for PPNO 4928A.	4928Z	49282	0515000030	201.150	2017/18	RW: 0 Const: 3,843	PA&ED: 0 PS&E: 1,013 RW: 57 Con: 1,376	PA&ED: 8/11/2010 RTL: 4/20/2018 RW Cert: 10/26/2017		
								Subtotal:	3,843	2,446		
								Total (Capital + Support):	\$6,289			
1	R67.2	Near San Simeon, north of the Arroyo De La Cruz Bridge. Off-site landscape mitigation for PPNO 4928A.	4928Y	49281	0515000029	201.150	2016/17	RW: 0 Const: 7,086	PA&ED: 0 PS&E: 1,199 RW: 56 Con: 1,816	PA&ED: 8/11/2010 RTL: 10/3/2016 RW Cert: 9/26/2016		
								Subtotal:	7,086	3,071		
								Total (Capital + Support):	\$10,157			

**2016 SHOPP V3.0 Project List
San Luis Obispo
(\$ in thousands)**



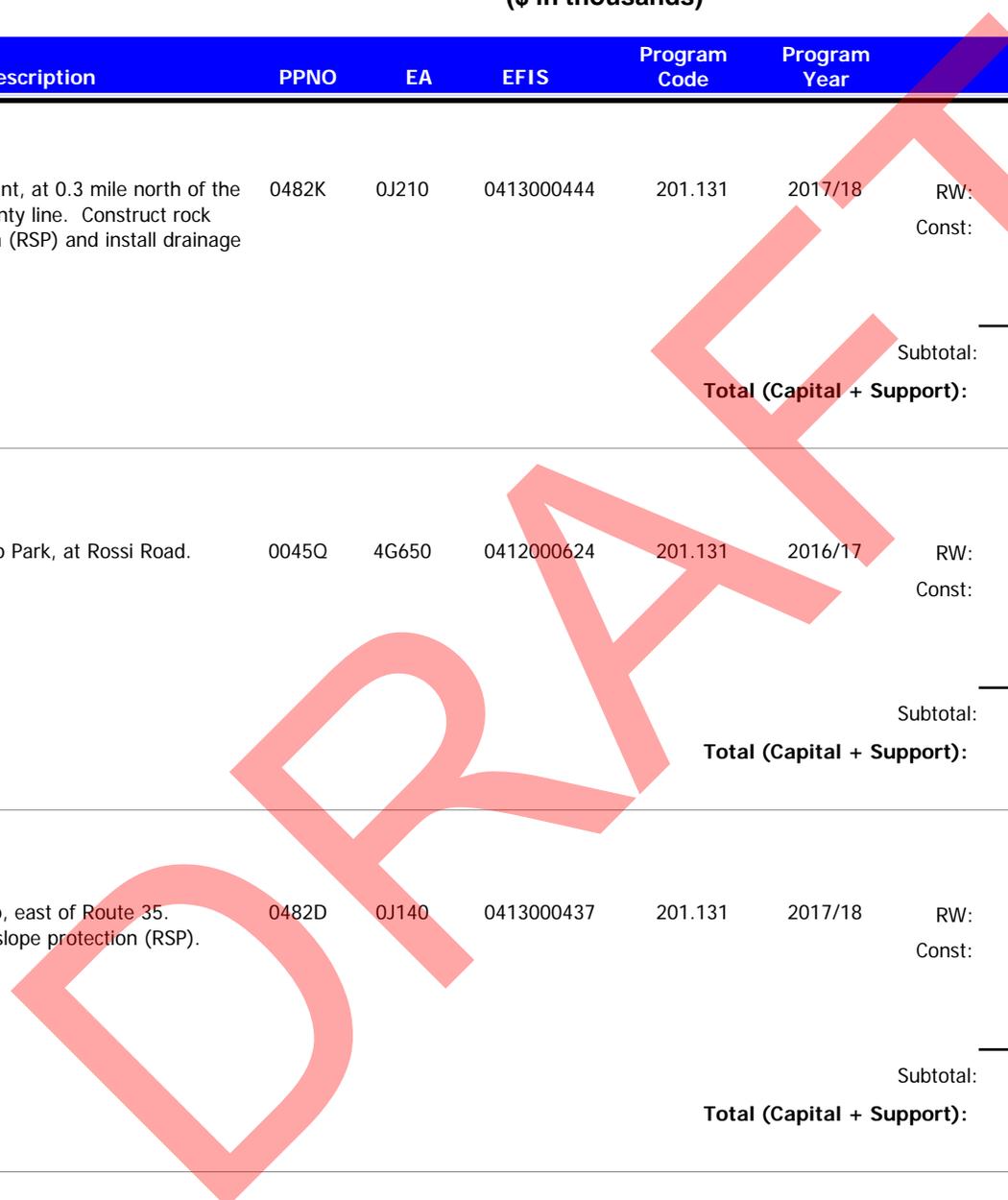
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
								RW: 461	PA&ED: 5,076		
								Const: 48,797	PS&E: 8,989		
									RW: 538		
									Con: 9,923		
								<hr/>			
								Subtotal: 49,258	24,526		
San Luis Obispo County Total (Capital + Support):								\$73,784			

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2016 SHOPP V3.0 Project List San Mateo (\$ in thousands)



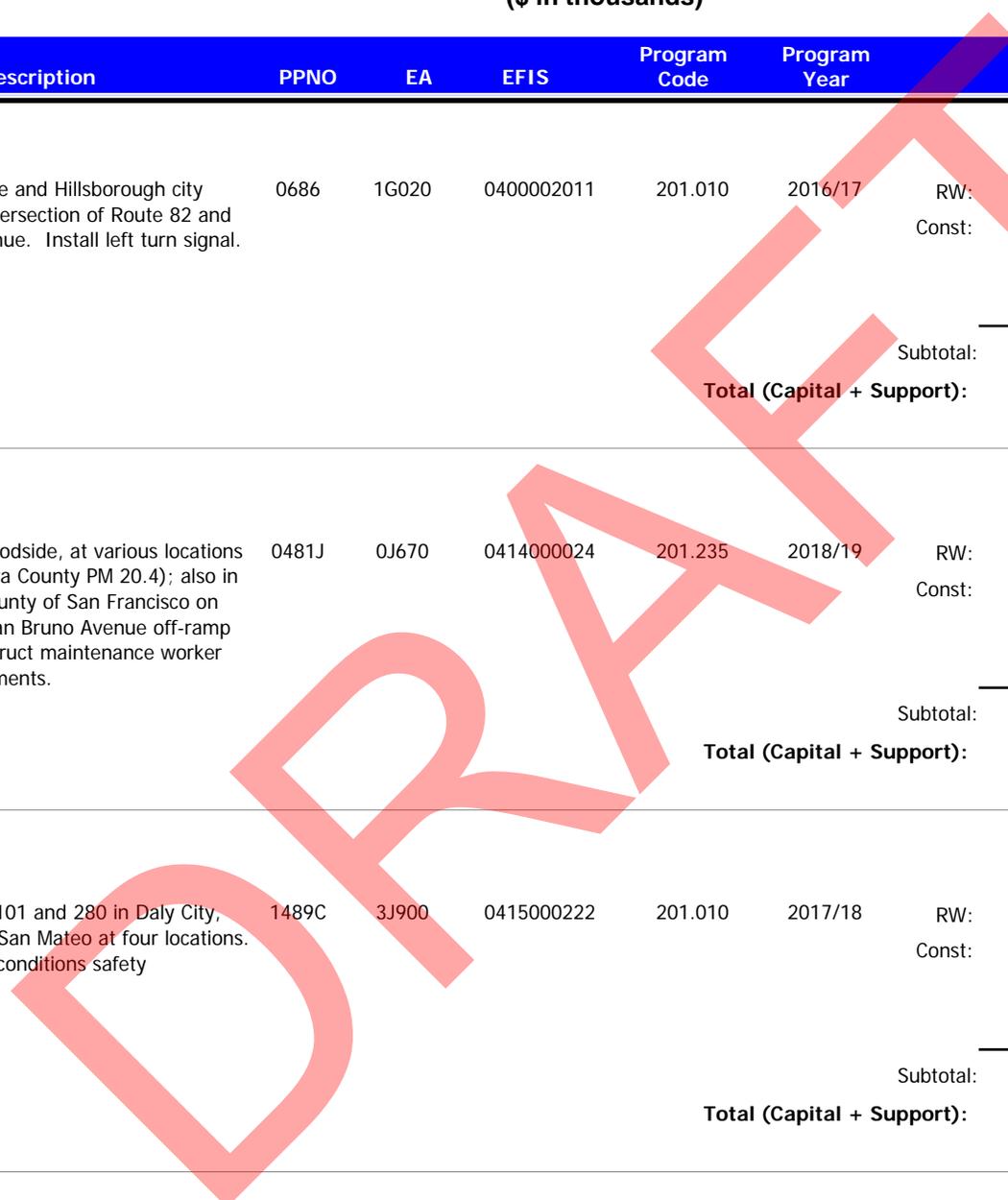
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
1	0.3	Near Pigeon Point, at 0.3 mile north of the Santa Cruz County line. Construct rock slope protection (RSP) and install drainage system.	0482K	OJ210	0413000444	201.131	2017/18	RW:	40	PA&ED:	235	PA&ED:	9/1/2017
								Const:	740	PS&E:	165	RTL:	3/28/2018
										RW:	165	RW Cert:	2/7/2018
										Con:	205		
								Subtotal:	780		770		
								Total (Capital + Support):	\$1,550				
1	4.2/4.4	Near Ano Nuevo Park, at Rossi Road. Repair slipout.	0045Q	4G650	0412000624	201.131	2016/17	RW:	100	PA&ED:	700	PA&ED:	12/30/2015
								Const:	2,800	PS&E:	560	RTL:	1/2/2017
										RW:	100	RW Cert:	1/2/2017
										Con:	450		
								Subtotal:	2,900		1,810		
								Total (Capital + Support):	\$4,710				
92	6.0	Near San Mateo, east of Route 35. Construct rock slope protection (RSP).	0482D	OJ140	0413000437	201.131	2017/18	RW:	65	PA&ED:	435	PA&ED:	7/1/2016
								Const:	615	PS&E:	250	RTL:	7/1/2017
										RW:	40	RW Cert:	4/1/2017
										Con:	300		
								Subtotal:	680		1,025		
								Total (Capital + Support):	\$1,705				



2016 SHOPP V3.0 Project List San Mateo (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
82	13.7	Near Burlingame and Hillsborough city limits, at the intersection of Route 82 and Floribunda Avenue. Install left turn signal.	0686	1G020	0400002011	201.010	2016/17	RW:	1,765	PA&ED:	846	PA&ED:	11/10/2015
								Const:	2,253	PS&E:	1,300	RTL:	6/30/2017
										RW:	450	RW Cert:	6/30/2017
										Con:	700		
								Subtotal:	4,018		3,296		
								Total (Capital + Support):	\$7,314				
<hr/>													
280	R0.2/R3.4	In and near Woodside, at various locations (also Santa Clara County PM 20.4); also in the City and County of San Francisco on Route 101 at San Bruno Avenue off-ramp (PM 1.7). Construct maintenance worker safety improvements.	0481J	0J670	0414000024	201.235	2018/19	RW:	10	PA&ED:	440	PA&ED:	6/30/2017
								Const:	2,678	PS&E:	880	RTL:	1/30/2019
										RW:	110	RW Cert:	9/30/2018
										Con:	770		
								Subtotal:	2,688		2,200		
								Total (Capital + Support):	\$4,888				
<hr/>													
VAR		On Routes 92, 101 and 280 in Daly City, San Bruno and San Mateo at four locations. Wet pavement conditions safety improvements.	1489C	3J900	0415000222	201.010	2017/18	RW:	25	PA&ED:	596	PA&ED:	7/17/2017
								Const:	3,970	PS&E:	500	RTL:	
										RW:	10	RW Cert:	
										Con:	580		
								Subtotal:	3,995		1,686		
								Total (Capital + Support):	\$5,681				



2016 SHOPP V3.0 Project List San Mateo (\$ in thousands)



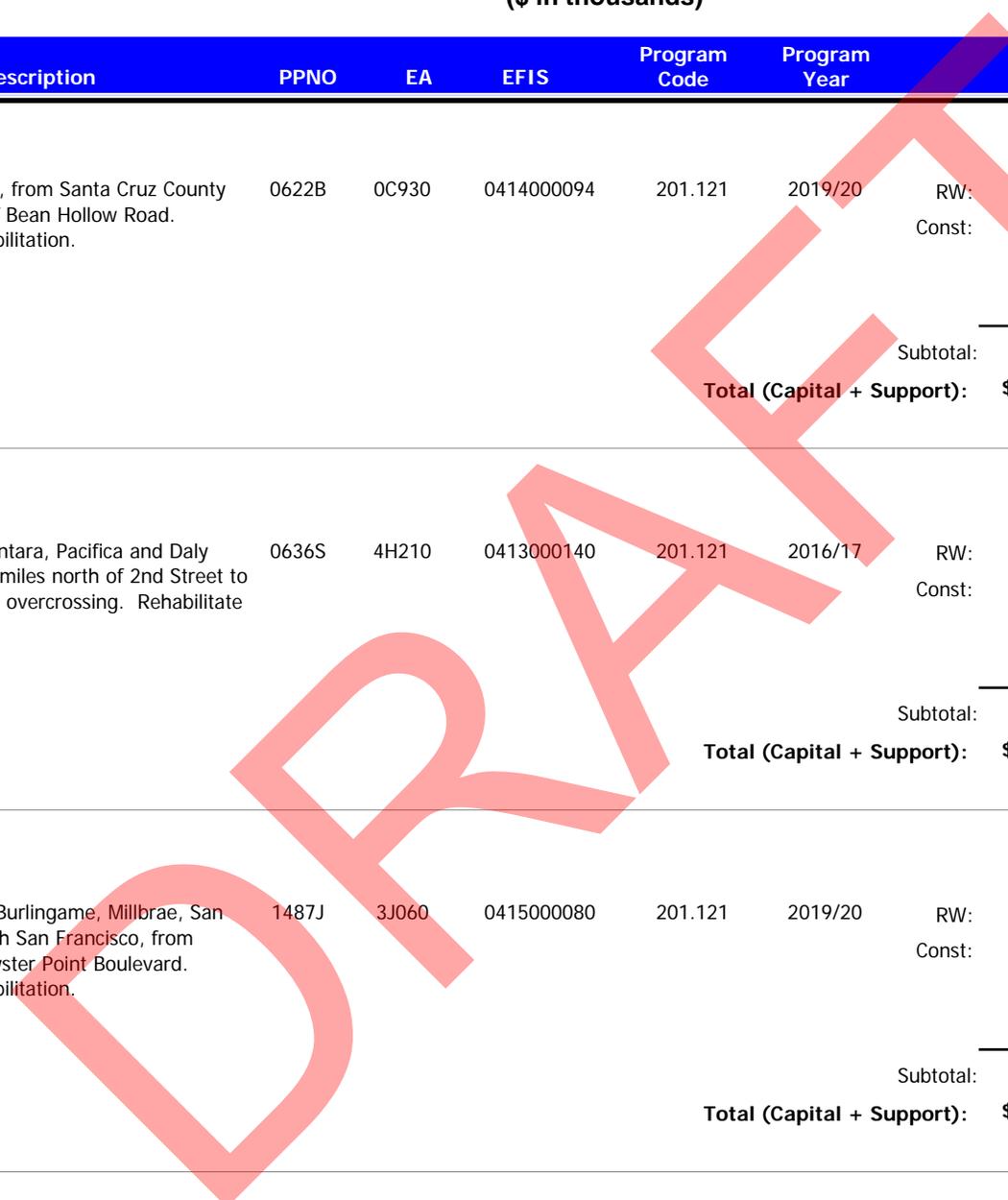
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MANDATES													
280	7.0/7.7	Near Redwood City, north of Edgewood Road; also on Route 84 from Hildebrand Road to north of La Honda Creek Bridge (PM 9.4/10.0). Stabilize soil and erosion control to mitigate for storm water quality.	1487G	OJ720	0414000030	201.335	2019/20	RW:	204	PA&ED:	874	PA&ED:	8/1/2018
								Const:	2,008	PS&E:	763	RTL:	12/1/2019
										RW:	77	RW Cert:	11/1/2019
										Con:	564		
								Subtotal:	2,212		2,278		
								Total (Capital + Support):	\$4,490				
BRIDGE PRESERVATION													
1	44.0	In Pacifica, at San Jose avenue Pedestrian Overcrossing No. 35-0240. Replace bridge.	0681Q	4G850	0413000052	201.110	2016/17	RW:	5	PA&ED:	500	PA&ED:	10/15/2015
								Const:	3,662	PS&E:	400	RTL:	2/1/2017
										RW:	100	RW Cert:	1/15/2017
										Con:	450		
								Subtotal:	3,667		1,450		
								Total (Capital + Support):	\$5,117				



2016 SHOPP V3.0 Project List San Mateo (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
1	0.0/10.6	Near Pescadero, from Santa Cruz County Line to south of Bean Hollow Road. Pavement rehabilitation.	0622B	0C930	0414000094	201.121	2019/20	RW:	10	PA&ED:	1,403	PA&ED:	8/1/2018
								Const:	11,671	PS&E:	1,081	RTL:	12/1/2019
										RW:	46	RW Cert:	11/1/2019
								Con:		1,081			
								Subtotal:	11,681		3,611		
								Total (Capital + Support):	\$15,292				
1	37.9/R48.0	In and near Montara, Pacifica and Daly cities, from 1.3 miles north of 2nd Street to Sullivan Avenue overcrossing. Rehabilitate pavement.	0636S	4H210	0413000140	201.121	2016/17	RW:	50	PA&ED:	500	PA&ED:	1/29/2016
								Const:	15,163	PS&E:	1,120	RTL:	4/3/2017
										RW:	60	RW Cert:	4/3/2017
								Con:		1,120			
								Subtotal:	15,213		2,800		
								Total (Capital + Support):	\$18,013				
101	16.5/23.0	In the cities of Burlingame, Millbrae, San Bruno and South San Francisco, from Broadway to Oyster Point Boulevard. Pavement rehabilitation.	1487J	3J060	0415000080	201.121	2019/20	RW:	100	PA&ED:	1,056	PA&ED:	4/1/2018
								Const:	16,500	PS&E:	1,342	RTL:	11/1/2019
										RW:	132	RW Cert:	10/15/2019
								Con:		1,628			
								Subtotal:	16,600		4,158		
								Total (Capital + Support):	\$20,758				



**2016 SHOPP V3.0 Project List
San Mateo
(\$ in thousands)**



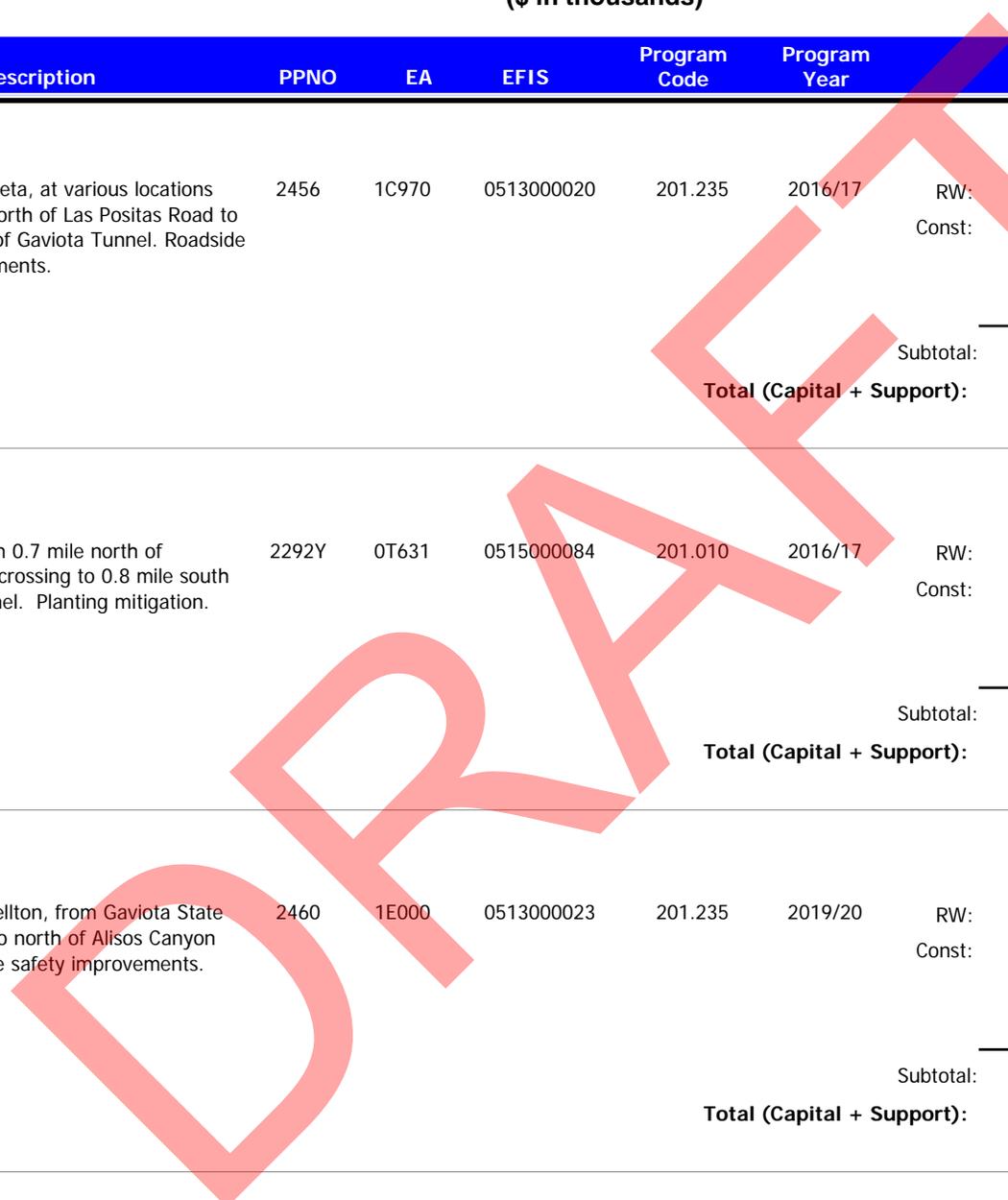
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
								RW: 2,374	PA&ED: 7,585		
								Const: 62,060	PS&E: 8,361		
									RW: 1,290		
									Con: 7,848		
								<hr/>			
								Subtotal: 64,434	25,084		
San Mateo County Total (Capital + Support):								\$89,518			

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**2016 SHOPP V3.0 Project List
Santa Barbara
(\$ in thousands)**



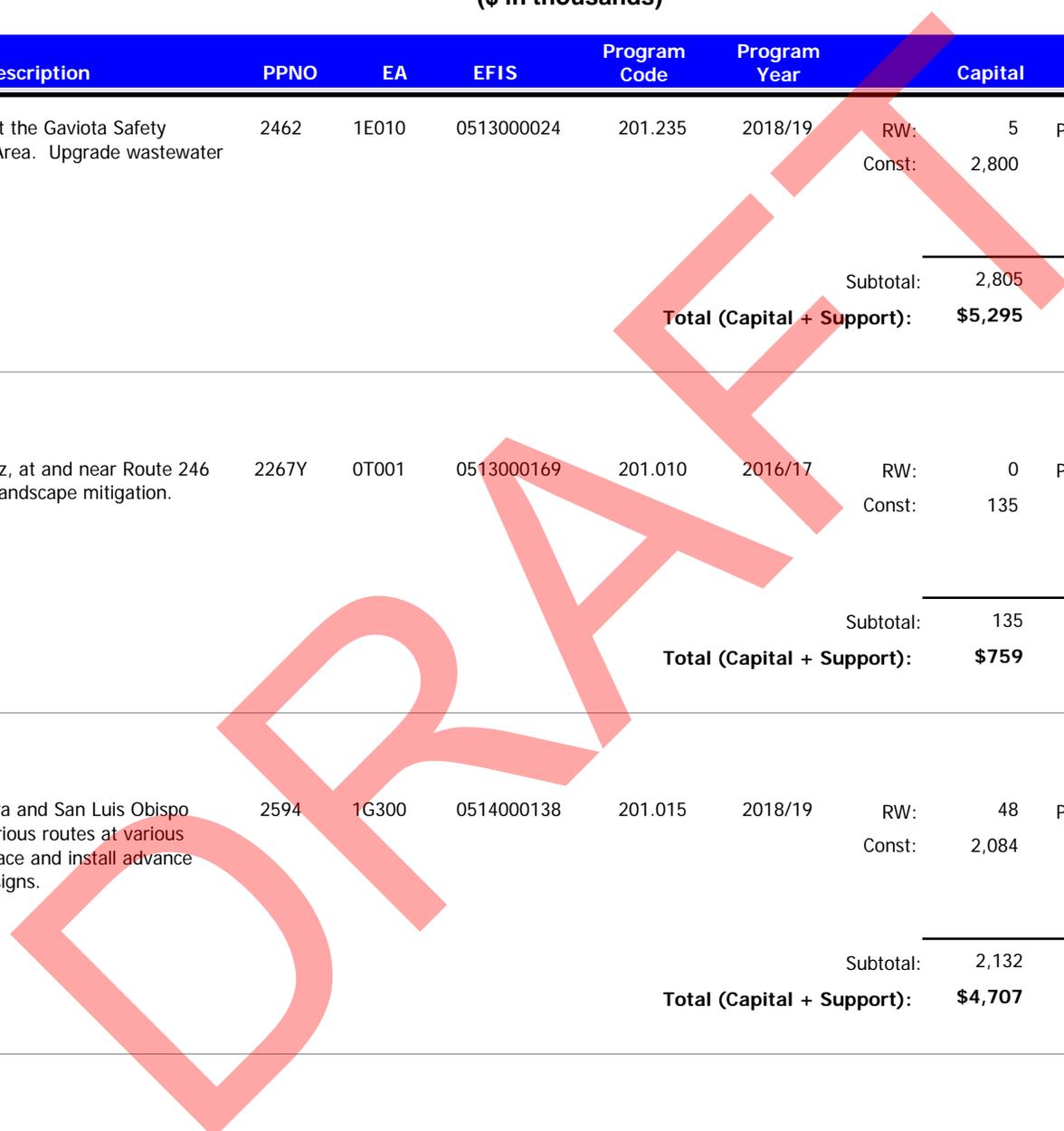
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
101	17.2/45.9	In and near Goleta, at various locations from 0.6 mile north of Las Positas Road to 1.3 mile south of Gaviota Tunnel. Roadside safety improvements.	2456	1C970	0513000020	201.235	2016/17	RW:	10	PA&ED:	280	PA&ED:	8/27/2015
								Const:	1,890	PS&E:	650	RTL:	1/26/2017
										RW:	12	RW Cert:	9/30/2016
										Con:	550		
								Subtotal:	1,900		1,492		
								Total (Capital + Support):	\$3,392				
101	45.6/46.4	In Gaviota, from 0.7 mile north of Beckstead Overcrossing to 0.8 mile south of Gaviota Tunnel. Planting mitigation.	2292Y	0T631	0515000084	201.010	2016/17	RW:	0	PA&ED:	0	PA&ED:	12/10/2013
								Const:	220	PS&E:	130	RTL:	2/13/2017
										RW:	10	RW Cert:	7/14/2016
										Con:	140		
								Subtotal:	220		280		
								Total (Capital + Support):	\$500				
101	46.5/68.9	In and near Buellton, from Gaviota State Park Entrance to north of Alisos Canyon Road. Roadside safety improvements.	2460	1E000	0513000023	201.235	2019/20	RW:	3	PA&ED:	520	PA&ED:	10/2/2017
								Const:	2,578	PS&E:	840	RTL:	2/3/2020
										RW:	34	RW Cert:	10/7/2019
										Con:	698		
								Subtotal:	2,581		2,092		
								Total (Capital + Support):	\$4,673				



**2016 SHOPP V3.0 Project List
Santa Barbara
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
101	46.9	Near Gaviota, at the Gaviota Safety Roadside Rest Area. Upgrade wastewater system.	2462	1E010	0513000024	201.235	2018/19	RW:	5	PA&ED:	240	PA&ED:	10/1/2015
								Const:	2,800	PS&E:	1,060	RTL:	2/1/2017
										RW:	10	RW Cert:	10/14/2016
										Con:	1,180		
								Subtotal:	2,805		2,490		
Total (Capital + Support):								\$5,295					
154	R7.8/R8.3	Near Santa Ynez, at and near Route 246 intersection. Landscape mitigation.	2267Y	OT001	0513000169	201.010	2016/17	RW:	0	PA&ED:	0	PA&ED:	11/1/2011
								Const:	135	PS&E:	222	RTL:	3/19/2015
										RW:	0	RW Cert:	12/16/2014
										Con:	402		
								Subtotal:	135		624		
Total (Capital + Support):								\$759					
VAR		In Santa Barbara and San Luis Obispo counties, on various routes at various locations. Replace and install advance curve warning signs.	2594	1G300	0514000138	201.015	2018/19	RW:	48	PA&ED:	780	PA&ED:	7/9/2018
								Const:	2,084	PS&E:	1,125	RTL:	6/10/2019
										RW:	41	RW Cert:	2/28/2019
										Con:	629		
								Subtotal:	2,132		2,575		
Total (Capital + Support):								\$4,707					



**2016 SHOPP V3.0 Project List
Santa Barbara
(\$ in thousands)**



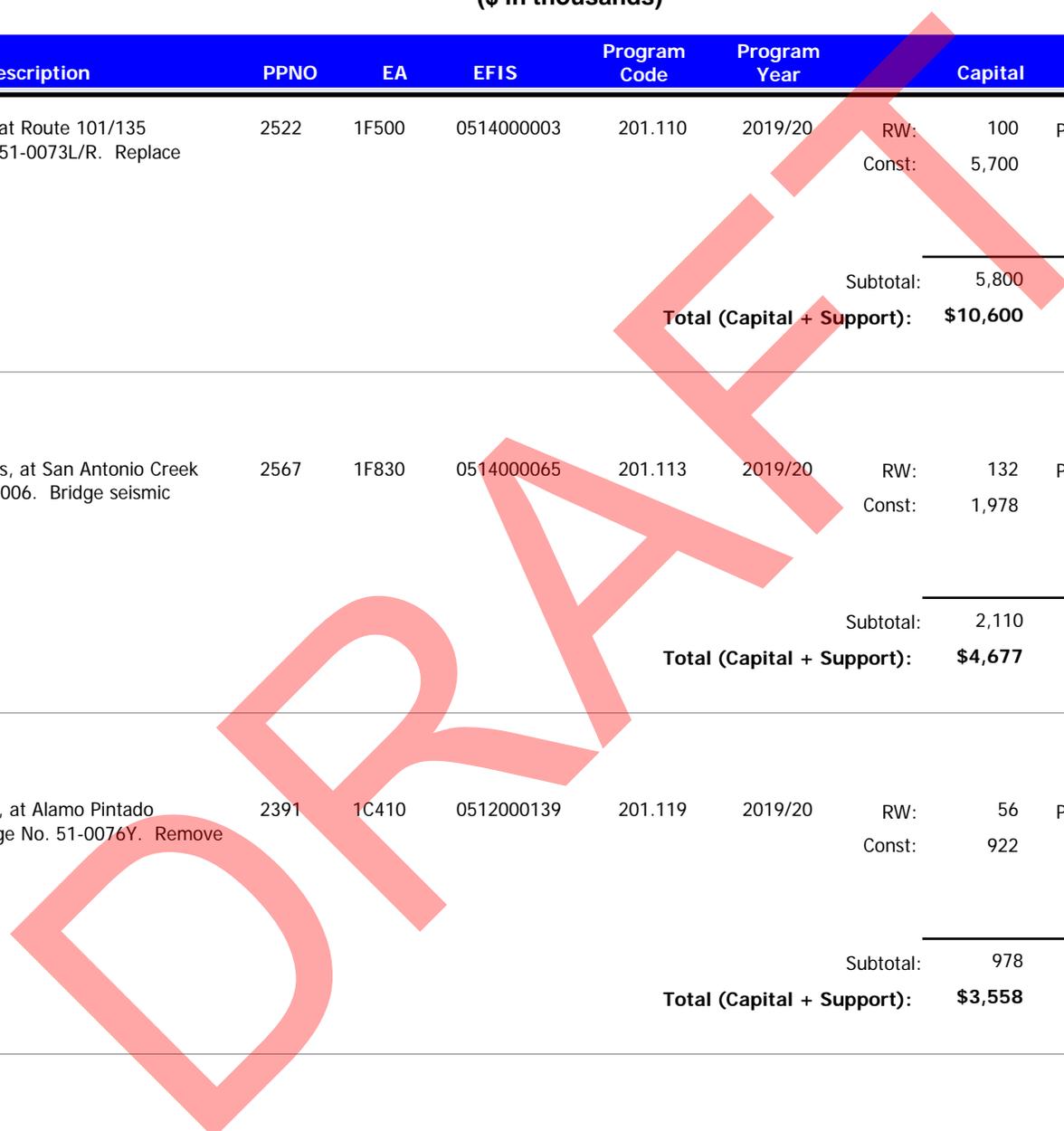
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MANDATES													
101	11.0	In the city of Santa Barbara, at Butterfly Lane Pedestrian Undercrossing. Construct pedestrian ramps and sidewalks to comply with ADA standards.	2468	1E040	0513000027	201.361	2019/20	RW:	970	PA&ED:	70	PA&ED:	11/1/2016
								Const:	2,904	PS&E:	1,875	RTL:	4/1/2020
										RW:	192	RW Cert:	10/2/2019
										Con:	1,136		
								Subtotal:	3,874		3,273		
								Total (Capital + Support):	\$7,147				
BRIDGE PRESERVATION													
1	15.6	Near Lompoc, at the Salspuedes Creek Bridge No. 51-0095. Replace Bridge (Scour Mitigation)	1501	0A050	0500000007	201.111	2017/18	RW:	100	PA&ED:	3,000	PA&ED:	11/2/2015
								Const:	6,500	PS&E:	2,359	RTL:	9/1/2017
										RW:	122	RW Cert:	7/3/2017
										Con:	2,000		
								Subtotal:	6,600		7,481		
								Total (Capital + Support):	\$14,081				
101	56.0	Near Buellton, at Nojoqui Creek Bridge No. 51-0018L/R. Bridge rail replacement and widening.	2561	1F790	0514000061	201.112	2019/20	RW:	412	PA&ED:	910	PA&ED:	9/1/2018
								Const:	4,890	PS&E:	1,490	RTL:	2/1/2020
										RW:	130	RW Cert:	8/1/2019
										Con:	1,000		
								Subtotal:	5,302		3,530		
								Total (Capital + Support):	\$8,832				



**2016 SHOPP V3.0 Project List
Santa Barbara
(\$ in thousands)**



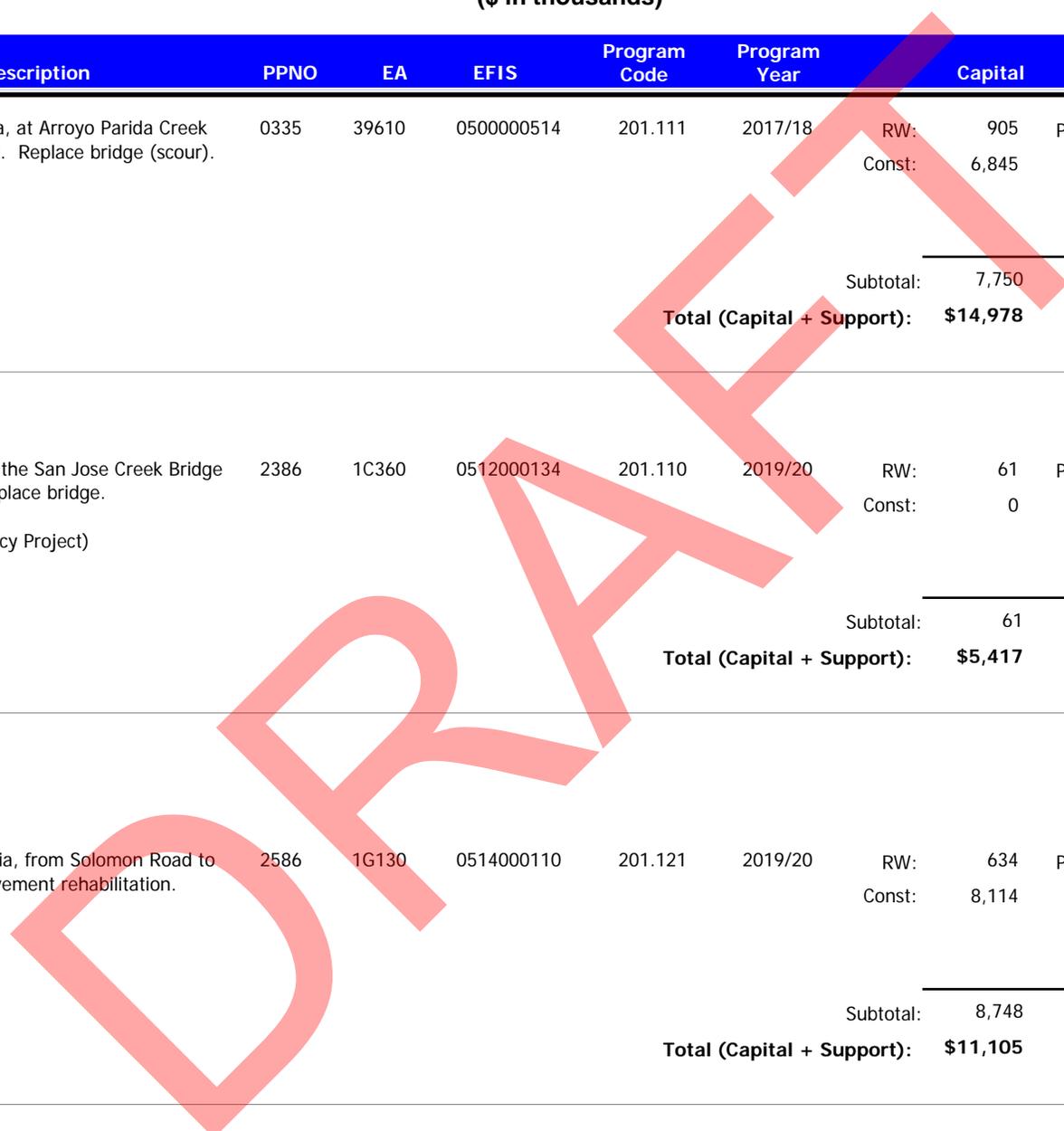
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
101	70.9	In Los Alamos, at Route 101/135 Separation No. 51-0073L/R. Replace bridge decks.	2522	1F500	0514000003	201.110	2019/20	RW:	100	PA&ED:	650	PA&ED:	10/2/2017
								Const:	5,700	PS&E:	1,800	RTL:	8/15/2019
										RW:	250	RW Cert:	7/15/2019
										Con:	2,100		
								Subtotal:	5,800		4,800		
Total (Capital + Support):								\$10,600					
135	R7.2	Near Los Alamos, at San Antonio Creek Bridge No. 51-0006. Bridge seismic restoration.	2567	1F830	0514000065	201.113	2019/20	RW:	132	PA&ED:	676	PA&ED:	7/1/2018
								Const:	1,978	PS&E:	1,228	RTL:	3/1/2020
										RW:	23	RW Cert:	9/1/2019
										Con:	640		
								Subtotal:	2,110		2,567		
Total (Capital + Support):								\$4,677					
154	R2.6	Near Los Olivos, at Alamo Pintado Pedestrian Bridge No. 51-0076Y. Remove bridge.	2391	1C410	0512000139	201.119	2019/20	RW:	56	PA&ED:	1,125	PA&ED:	11/29/2018
								Const:	922	PS&E:	1,055	RTL:	4/6/2020
										RW:	50	RW Cert:	10/11/2019
										Con:	350		
								Subtotal:	978		2,580		
Total (Capital + Support):								\$3,558					



**2016 SHOPP V3.0 Project List
Santa Barbara
(\$ in thousands)**



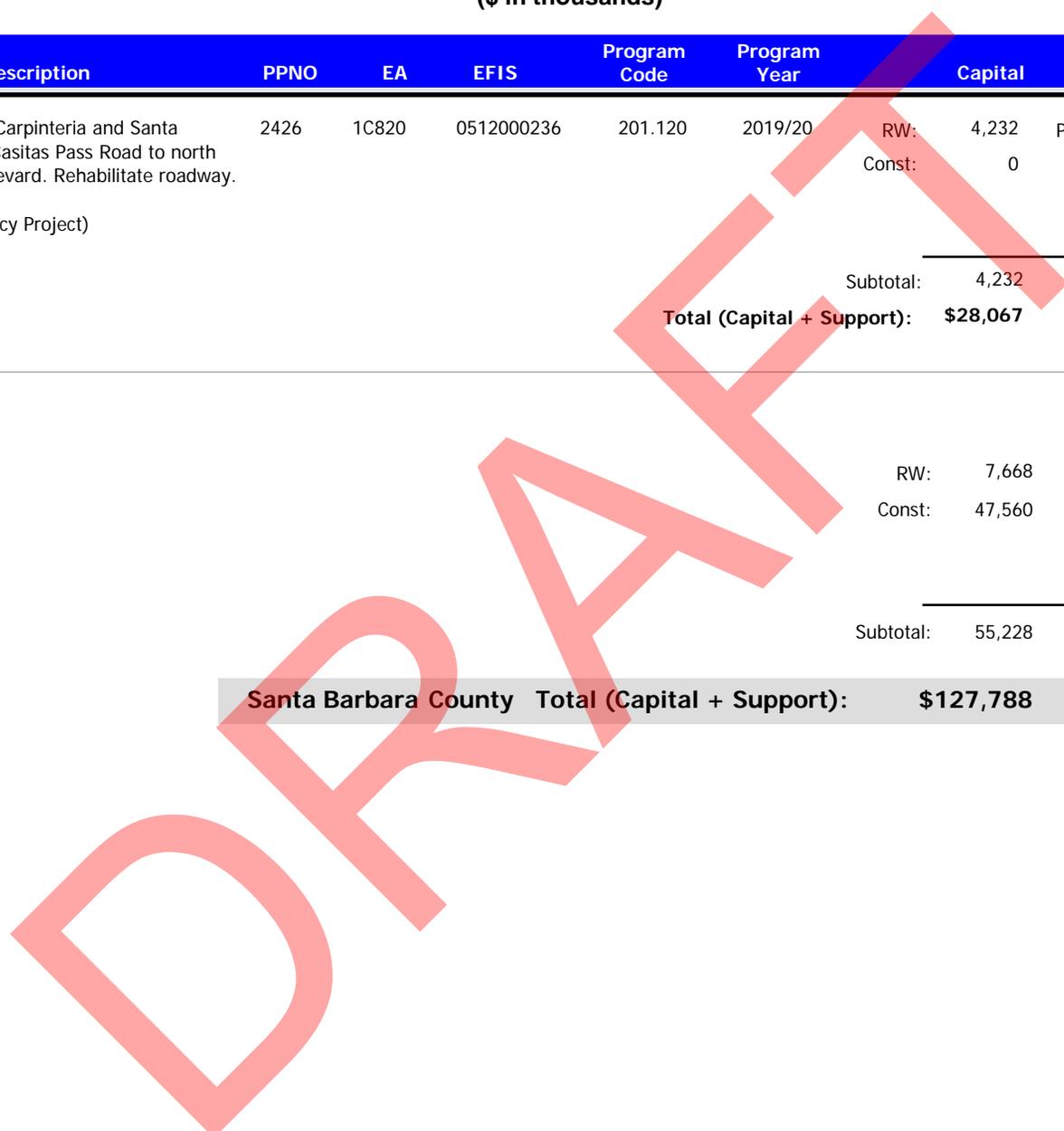
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
192	15.4/15.6	Near Carpinteria, at Arroyo Parida Creek Bridge #51-113. Replace bridge (scour).	0335	39610	0500000514	201.111	2017/18	RW:	905	PA&ED:	960	PA&ED:	6/29/2009
								Const:	6,845	PS&E:	4,266	RTL:	1/19/2018
										RW:	692	RW Cert:	9/1/2017
										Con:	1,310		
								Subtotal:	7,750		7,228		
Total (Capital + Support):								\$14,978					
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217	1.0	Near Goleta, at the San Jose Creek Bridge # 51-0217. Replace bridge. (G13 Contingency Project)	2386	1C360	0512000134	201.110	2019/20	RW:	61	PA&ED:	2,195	PA&ED:	3/8/2018
								Const:	0	PS&E:	3,102	RTL:	6/9/2020
										RW:	59	RW Cert:	1/8/2020
										Con:	0		
								Subtotal:	61		5,356		
Total (Capital + Support):								\$5,417					
<hr/>													
<u>ROADWAY PRESERVATION</u>													
1	R36.4/49.2	Near Santa Maria, from Solomon Road to Route 166. Pavement rehabilitation.	2586	1G130	0514000110	201.121	2019/20	RW:	634	PA&ED:	515	PA&ED:	7/3/2018
								Const:	8,114	PS&E:	916	RTL:	11/4/2019
										RW:	21	RW Cert:	5/13/2019
										Con:	905		
								Subtotal:	8,748		2,357		
Total (Capital + Support):								\$11,105					



**2016 SHOPP V3.0 Project List
Santa Barbara
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones
101	2.6/11.9	In the cities of Carpinteria and Santa Barbara, from Casitas Pass Road to north of Cabrillo Boulevard. Rehabilitate roadway. (G13 Contingency Project)	2426	1C820	0512000236	201.120	2019/20	RW:	4,232	PA&ED: 9,200	PA&ED: 2/14/2017
								Const:	0	PS&E: 13,800	RTL: 10/23/2018
										RW: 835	RW Cert: 9/7/2018
										Con: 0	
								Subtotal:	4,232	23,835	
								Total (Capital + Support):	\$28,067		
								RW:	7,668	PA&ED: 21,121	
								Const:	47,560	PS&E: 35,918	
										RW: 2,481	
										Con: 13,040	
								Subtotal:	55,228	72,560	
								Santa Barbara County Total (Capital + Support):	\$127,788		



**2016 SHOPP V3.0 Project List
Santa Clara
(\$ in thousands)**



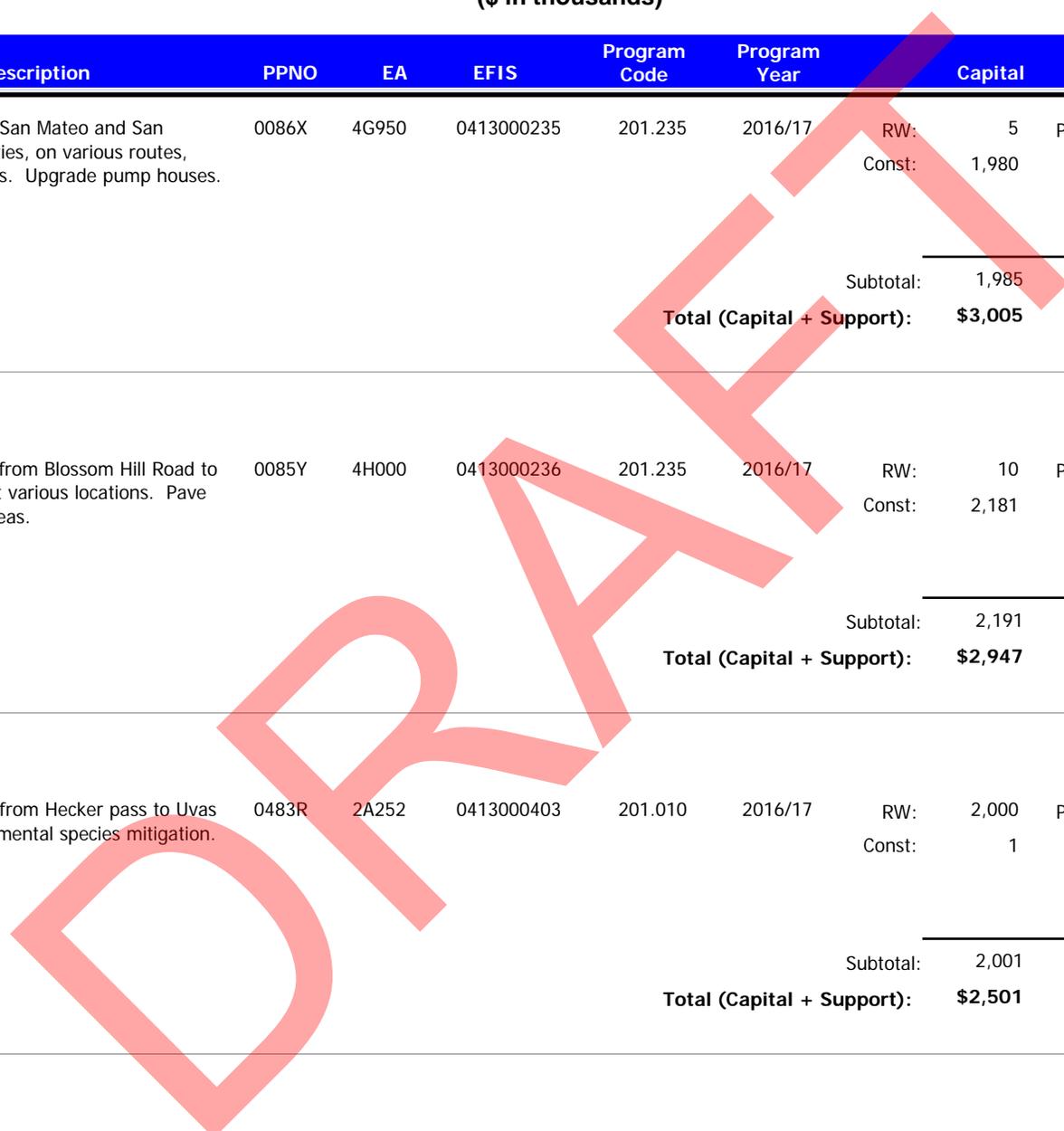
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
101	R5.1	In Gilroy, at 0.5 mile north of Monterey Road. Fill voids under pavement and repair eroded embankment slope.	1485C	2J460	0414000518	201.131	2017/18	RW:	10	PA&ED:	220	PA&ED:	8/18/2016
								Const:	564	PS&E:	118	RTL:	9/1/2017
										RW:	10	RW Cert:	7/6/2017
										Con:	200		
								Subtotal:	574		548		
								Total (Capital + Support):	\$1,122				
COLLISION REDUCTION													
82	R11.3/13.6	In the city of Santa Clara, from Harrison Street to Alpine Avenue at various locations. Install pedestrian crosswalk safety enhancements. (Financial Contribution Only)	0158H	4H752	0416000120	201.015	2016/17	RW:	0	PA&ED:	104	PA&ED:	
								Const:	766	PS&E:	0	RTL:	
										RW:	0	RW Cert:	
										Con:	0		
								Subtotal:	766		104		
								Total (Capital + Support):	\$870				
85	2.0/4.5	In San Jose, from Cottle Road to south of Route 85/87 Separation at various locations. Pave between edge of shoulder and sound wall.	0085V	4G990	0413000234	201.235	2017/18	RW:	5	PA&ED:	144	PA&ED:	10/15/2015
								Const:	2,075	PS&E:	270	RTL:	8/14/2017
										RW:	36	RW Cert:	8/3/2017
										Con:	270		
								Subtotal:	2,080		720		
								Total (Capital + Support):	\$2,800				



**2016 SHOPP V3.0 Project List
Santa Clara
(\$ in thousands)**



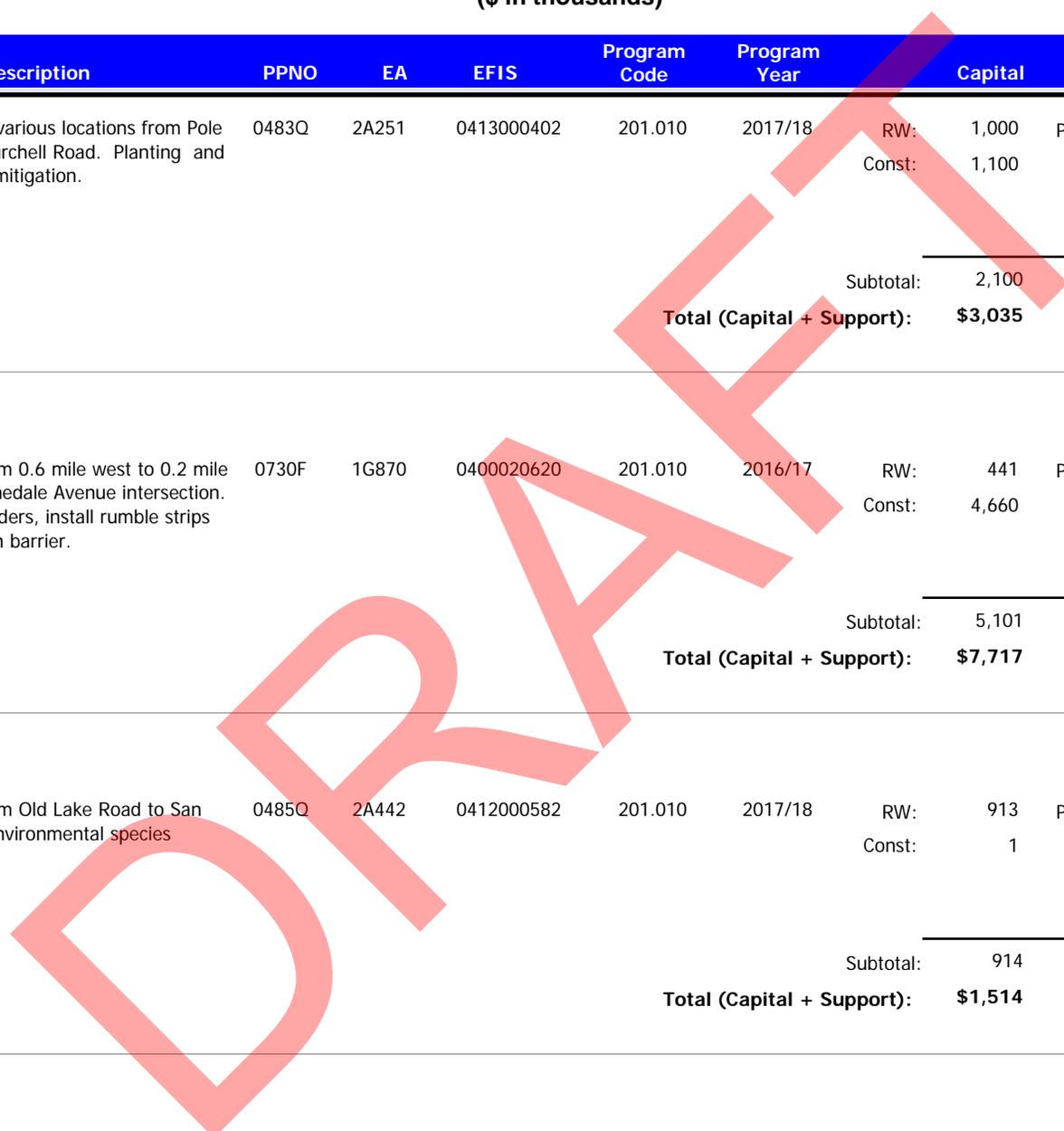
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
101	17.8/41.1	In Santa Clara, San Mateo and San Francisco Counties, on various routes, various locations. Upgrade pump houses.	0086X	4G950	0413000235	201.235	2016/17	RW:	5	PA&ED:	210	PA&ED:	4/28/2015
								Const:	1,980	PS&E:	310	RTL:	9/30/2016
										RW:	50	RW Cert:	8/30/2016
										Con:	450		
								Subtotal:	1,985		1,020		
Total (Capital + Support):									\$3,005				
101	R28.5/40.7	Near San Jose, from Blossom Hill Road to Trimble Road at various locations. Pave beyond gore areas.	0085Y	4H000	0413000236	201.235	2016/17	RW:	10	PA&ED:	144	PA&ED:	12/2/2015
								Const:	2,181	PS&E:	288	RTL:	3/31/2017
										RW:	36	RW Cert:	3/17/2017
										Con:	288		
								Subtotal:	2,191		756		
Total (Capital + Support):									\$2,947				
152	0.0/5.2	In Santa Clara, from Hecker pass to Uvas Creek. Environmental species mitigation.	0483R	2A252	0413000403	201.010	2016/17	RW:	2,000	PA&ED:	0	PA&ED:	3/3/2010
								Const:	1	PS&E:	350	RTL:	4/1/2017
										RW:	150	RW Cert:	3/18/2017
										Con:	0		
								Subtotal:	2,001		500		
Total (Capital + Support):									\$2,501				



**2016 SHOPP V3.0 Project List
Santa Clara
(\$ in thousands)**



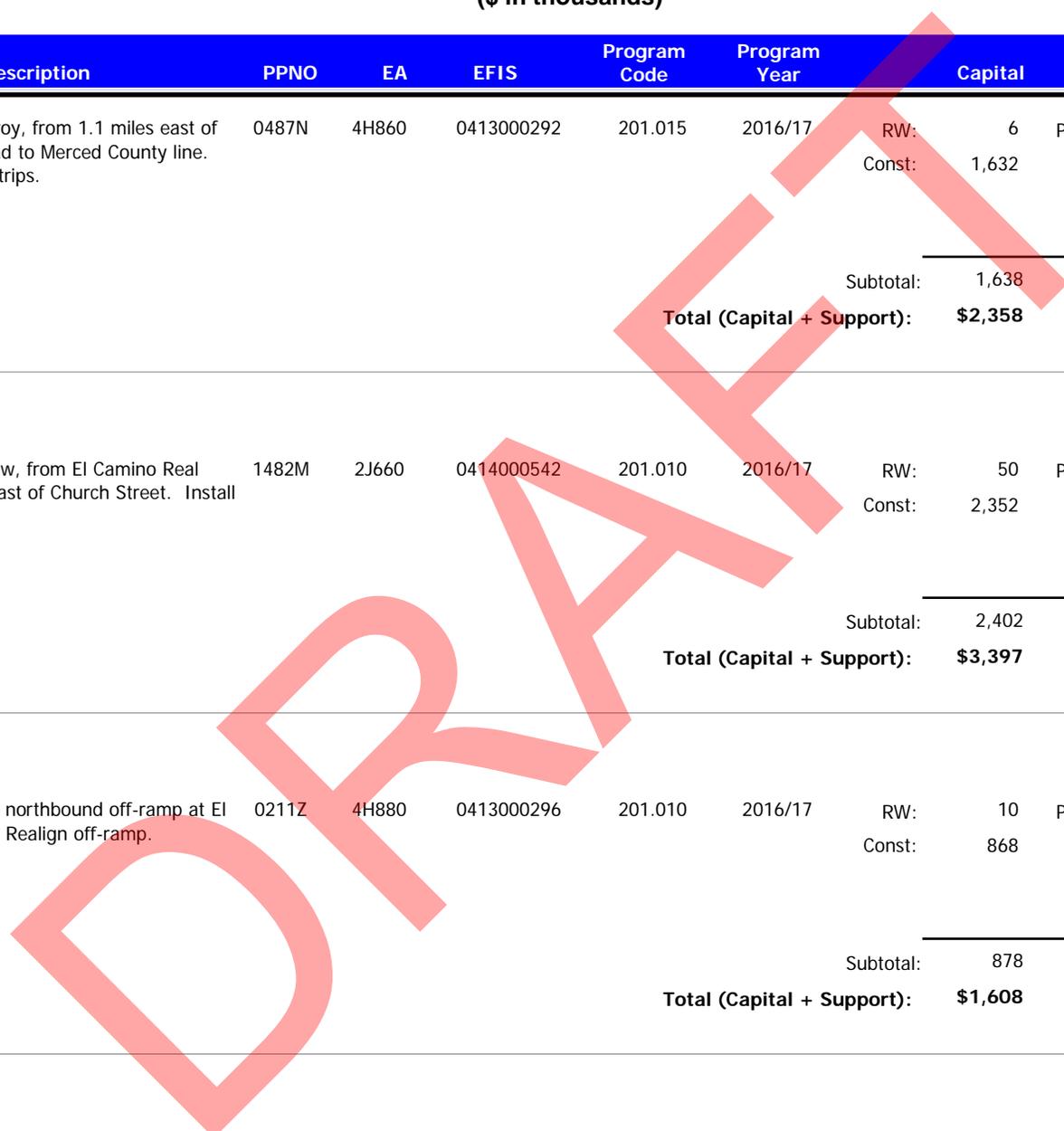
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
152	0.0/6.2	Near Gilroy, at various locations from Pole Line Road to Burchell Road. Planting and environmental mitigation.	0483Q	2A251	0413000402	201.010	2017/18	RW:	1,000	PA&ED:	0	PA&ED:	2/4/2013
								Const:	1,100	PS&E:	440	RTL:	4/1/2018
										RW:	300	RW Cert:	3/1/2018
										Con:	195		
								Subtotal:	2,100		935		
Total (Capital + Support):									\$3,035				
152	13.8/14.7	Near Gilroy, from 0.6 mile west to 0.2 mile east of the Prunedale Avenue intersection. Construct shoulders, install rumble strips and soft median barrier.	0730F	1G870	0400020620	201.010	2016/17	RW:	441	PA&ED:	721	PA&ED:	6/30/2015
								Const:	4,660	PS&E:	730	RTL:	3/1/2017
										RW:	370	RW Cert:	2/15/2017
										Con:	795		
								Subtotal:	5,101		2,616		
Total (Capital + Support):									\$7,717				
152	16.2/19.5	Near Gilroy, from Old Lake Road to San Felipe Road. Environmental species mitigation.	0485Q	2A442	0412000582	201.010	2017/18	RW:	913	PA&ED:	0	PA&ED:	3/16/2010
								Const:	1	PS&E:	350	RTL:	2/18/2018
										RW:	250	RW Cert:	2/11/2018
										Con:	0		
								Subtotal:	914		600		
Total (Capital + Support):									\$1,514				



**2016 SHOPP V3.0 Project List
Santa Clara
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
152	6.1/R35.2	In and near Gilroy, from 1.1 miles east of Watsonville Road to Merced County line. Install rumble strips.	0487N	4H860	0413000292	201.015	2016/17	RW:	6	PA&ED:	108	PA&ED:	12/30/2015
								Const:	1,632	PS&E:	234	RTL:	2/1/2017
										RW:	72	RW Cert:	1/3/2017
										Con:	306		
								Subtotal:	1,638		720		
Total (Capital + Support):									\$2,358				
237	R0.0/R0.2	In Mountain View, from El Camino Real (Route 82) to east of Church Street. Install median barrier.	1482M	2J660	0414000542	201.010	2016/17	RW:	50	PA&ED:	0	PA&ED:	6/8/2015
								Const:	2,352	PS&E:	450	RTL:	4/12/2017
										RW:	27	RW Cert:	4/1/2017
										Con:	518		
								Subtotal:	2,402		995		
Total (Capital + Support):									\$3,397				
280	14.9	In Los Altos, on northbound off-ramp at El Monte Avenue. Realign off-ramp.	0211Z	4H880	0413000296	201.010	2016/17	RW:	10	PA&ED:	0	PA&ED:	3/4/2014
								Const:	868	PS&E:	360	RTL:	12/2/2016
										RW:	10	RW Cert:	11/3/2016
										Con:	360		
								Subtotal:	878		730		
Total (Capital + Support):									\$1,608				



**2016 SHOPP V3.0 Project List
Santa Clara
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
680	M0.0/M9.9	In San Jose and Milpitas, from Route 101 to Scott Creek Road at various locations. Construct maintenance worker safety improvements.	0481T	0J660	0414000023	201.235	2018/19	RW:	10	PA&ED:	440	PA&ED:	6/13/2017
								Const:	8,814	PS&E:	1,320	RTL:	1/15/2019
										RW:	110	RW Cert:	1/8/2019
										Con:	1,320		
								Subtotal:	8,824		3,190		
Total (Capital + Support):								\$12,014					
880	1.3/1.4	In San Jose, on northbound Route 880 off-ramp to westbound Bascom Avenue; also on southbound Route 880 off-ramp to Bascom Avenue. Construct concrete median barriers.	0730C	1G860	0400020618	201.015	2016/17	RW:	53	PA&ED:	119	PA&ED:	8/20/2015
								Const:	1,830	PS&E:	400	RTL:	4/12/2017
										RW:	72	RW Cert:	3/15/2017
										Con:	400		
								Subtotal:	1,883		991		
Total (Capital + Support):								\$2,874					
MANDATES													
85	18.0/24.1	In Cupertino, Sunnyvale and Mountain View, from Stevens Creek Boulevard to Route 101; also in various cities, on Route 80 (PM 2.5/8.0), at various locations. Install and/or upgrade existing curb ramps and pedestrian facilities to ADA standards.	0434G	2G730	0400021202	201.361	2018/19	RW:	50	PA&ED:	442	PA&ED:	10/2/2017
								Const:	1,853	PS&E:	663	RTL:	6/3/2019
										RW:	102	RW Cert:	5/1/2019
										Con:	442		
								Subtotal:	1,903		1,649		
Total (Capital + Support):								\$3,552					



**2016 SHOPP V3.0 Project List
Santa Clara
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
9	4.9	Near Saratoga, at Saratoga Creek Bridge No. 37-0074. Replace bridge.	0386F	3G630	0412000409	201.110	2017/18	RW:	6,779	PA&ED:	1,200	PA&ED:	3/14/2017
								Const:	11,668	PS&E:	1,400	RTL:	6/18/2018
										RW:	396	RW Cert:	6/17/2018
										Con:	1,526		
								Subtotal:	18,447		4,522		
								Total (Capital + Support):	\$22,969				
9	4.9	In various cities on various routes at Saratoga Creek Bridge, Carnadero Creek Bridge, San Francisco Creek Bridge, San Tomas Aquino Creek Bridge, and Bodfish Creek Bridge. Bridge preventative maintenance.	1482R	2J780	0415000017	201.119	2019/20	RW:	10	PA&ED:	900	PA&ED:	10/1/2018
								Const:	2,391	PS&E:	750	RTL:	6/1/2020
										RW:	44	RW Cert:	5/1/2020
										Con:	600		
								Subtotal:	2,401		2,294		
								Total (Capital + Support):	\$4,695				
85	R20.0	Near Sunnyvale, at Stevens Creek Bridge No. 37-0185, 0.2 mile north of Fremont Avenue undercrossing. Overlay deck with polyester concrete.	0440Q	4G830	0413000054	201.110	2016/17	RW:	10	PA&ED:	270	PA&ED:	2/15/2016
								Const:	1,858	PS&E:	360	RTL:	12/1/2016
										RW:	72	RW Cert:	11/15/2016
										Con:	144		
								Subtotal:	1,868		846		
								Total (Capital + Support):	\$2,714				

**2016 SHOPP V3.0 Project List
Santa Clara
(\$ in thousands)**



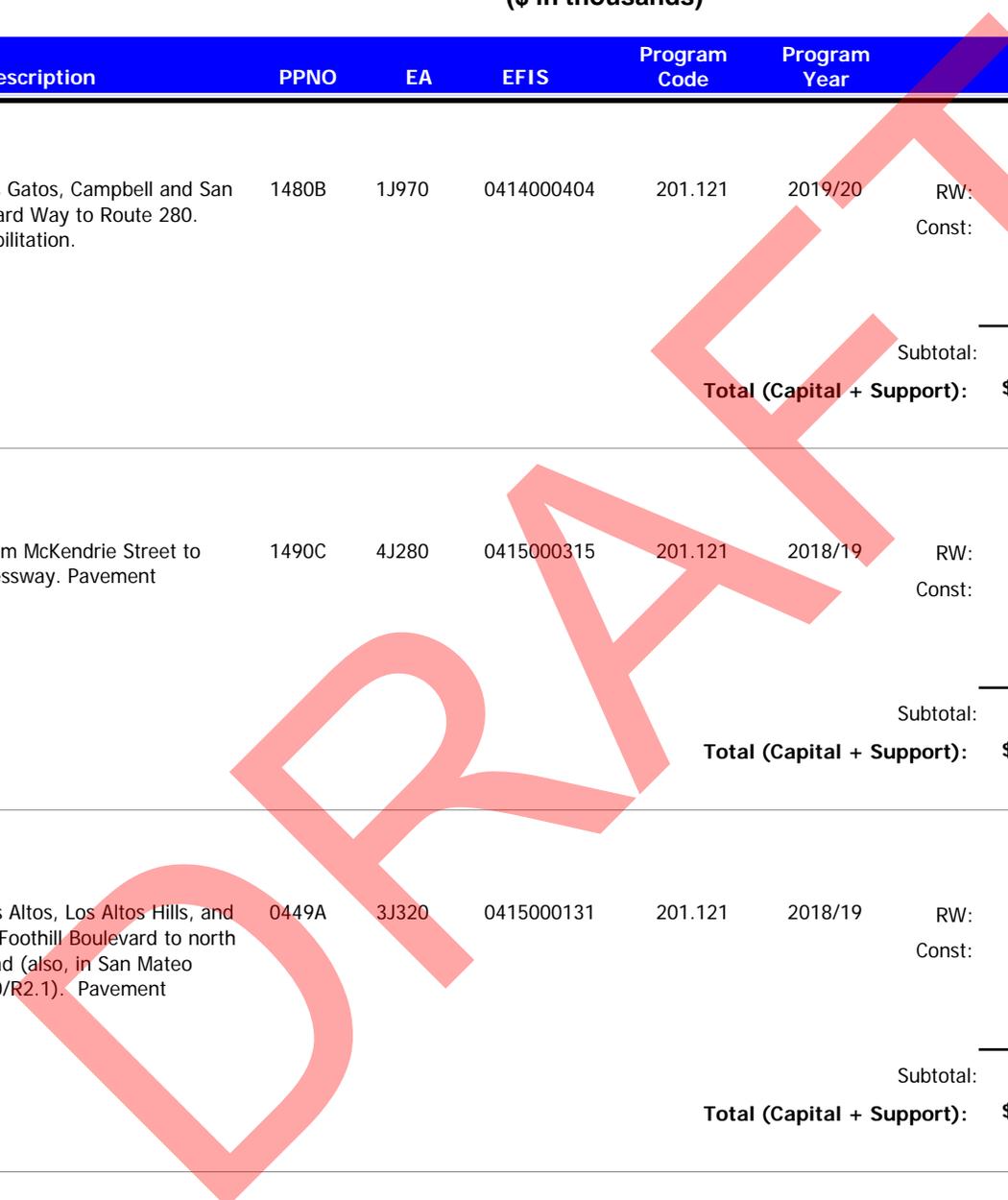
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
101	VAR	In various cities, on Routes 101 and 237 at various locations. Bridge rail upgrade at 8 locations. (G13 Contingency Project)	0481H	0J560	0414000013	201.112	2019/20	RW: 30 Const: 0	PA&ED: 1,800 PS&E: 2,250 RW: 30 Con: 0	PA&ED: 9/15/2018 RTL: 6/15/2020 RW Cert: 3/16/2020
								Subtotal:	30	4,080
								Total (Capital + Support):	\$4,110	
152	6.1/6.5	Near Gilroy, at Uvas Creek. Required environmental species mitigation for bridge replacement project EA 04-44880.	0487M	44884	0400021236	201.111	2016/17	RW: 0 Const: 800	PA&ED: 0 PS&E: 200 RW: 130 Con: 0	PA&ED: 10/1/2010 RTL: 5/31/2017 RW Cert: 5/31/2017
								Subtotal:	800	330
								Total (Capital + Support):	\$1,130	
280	R2.9/17.8	In San Jose, at Bird Avenue Overcrossing Bridge No. 37-0267 (PM R2.78); also in Los Altos Hills at Arastradero Road Undercrossing Bridge No. 37-0251 L/R (PM 17.8). Bridge seismic restoration.	1483K	2J750	0415000338	201.113	2019/20	RW: 90 Const: 2,414	PA&ED: 1,144 PS&E: 1,034 RW: 66 Con: 550	PA&ED: 2/27/2018 RTL: 8/28/2019 RW Cert: 7/30/2019
								Subtotal:	2,504	2,794
								Total (Capital + Support):	\$5,298	



2016 SHOPP V3.0 Project List Santa Clara (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
17	2.8/13.9	In and near Los Gatos, Campbell and San Jose, from Hebard Way to Route 280. Pavement rehabilitation.	1480B	1J970	0414000404	201.121	2019/20	RW:	20	PA&ED:	1,750	PA&ED:	7/1/2018
								Const:	30,141	PS&E:	2,750	RTL:	1/1/2020
										RW:	150	RW Cert:	1/1/2020
										Con:	3,150		
								Subtotal:	30,161		7,800		
								Total (Capital + Support):	\$37,961				
82	9.8/14.4	In San Jose, from McKendrie Street to Lawrence Expressway. Pavement rehabilitation.	1490C	4J280	0415000315	201.121	2018/19	RW:	70	PA&ED:	245	PA&ED:	6/1/2017
								Const:	10,711	PS&E:	1,103	RTL:	3/1/2019
										RW:	44	RW Cert:	2/1/2019
										Con:	1,103		
								Subtotal:	10,781		2,495		
								Total (Capital + Support):	\$13,276				
280	11.5/20.6	In and Near Los Altos, Los Altos Hills, and Palo Alto, from Foothill Boulevard to north of Sand Hill Road (also, in San Mateo County PM R0.0/R2.1). Pavement rehabilitation.	0449A	3J320	0415000131	201.121	2018/19	RW:	50	PA&ED:	1,853	PA&ED:	12/1/2017
								Const:	47,574	PS&E:	3,284	RTL:	5/1/2019
										RW:	48	RW Cert:	4/1/2019
										Con:	6,661		
								Subtotal:	47,624		11,846		
								Total (Capital + Support):	\$59,470				



**2016 SHOPP V3.0 Project List
Santa Clara
(\$ in thousands)**



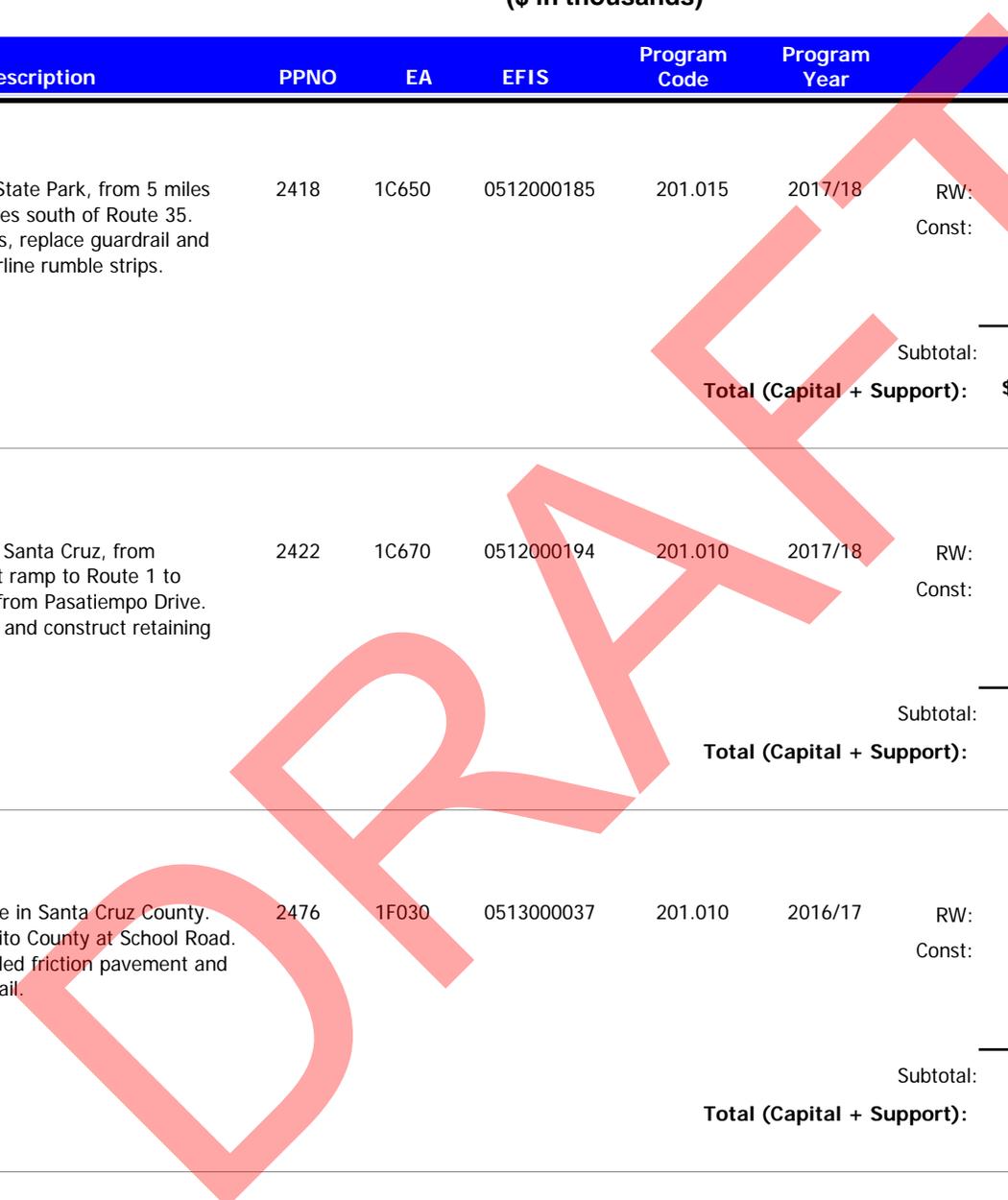
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
								RW: 11,622	PA&ED: 11,814	
								Const: 138,234	PS&E: 19,414	
									RW: 2,575	
									Con: 19,278	
								<hr/>		
								Subtotal: 149,856	53,081	
Santa Clara County Total (Capital + Support):								\$202,937		

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**2016 SHOPP V3.0 Project List
Santa Cruz
(\$ in thousands)**



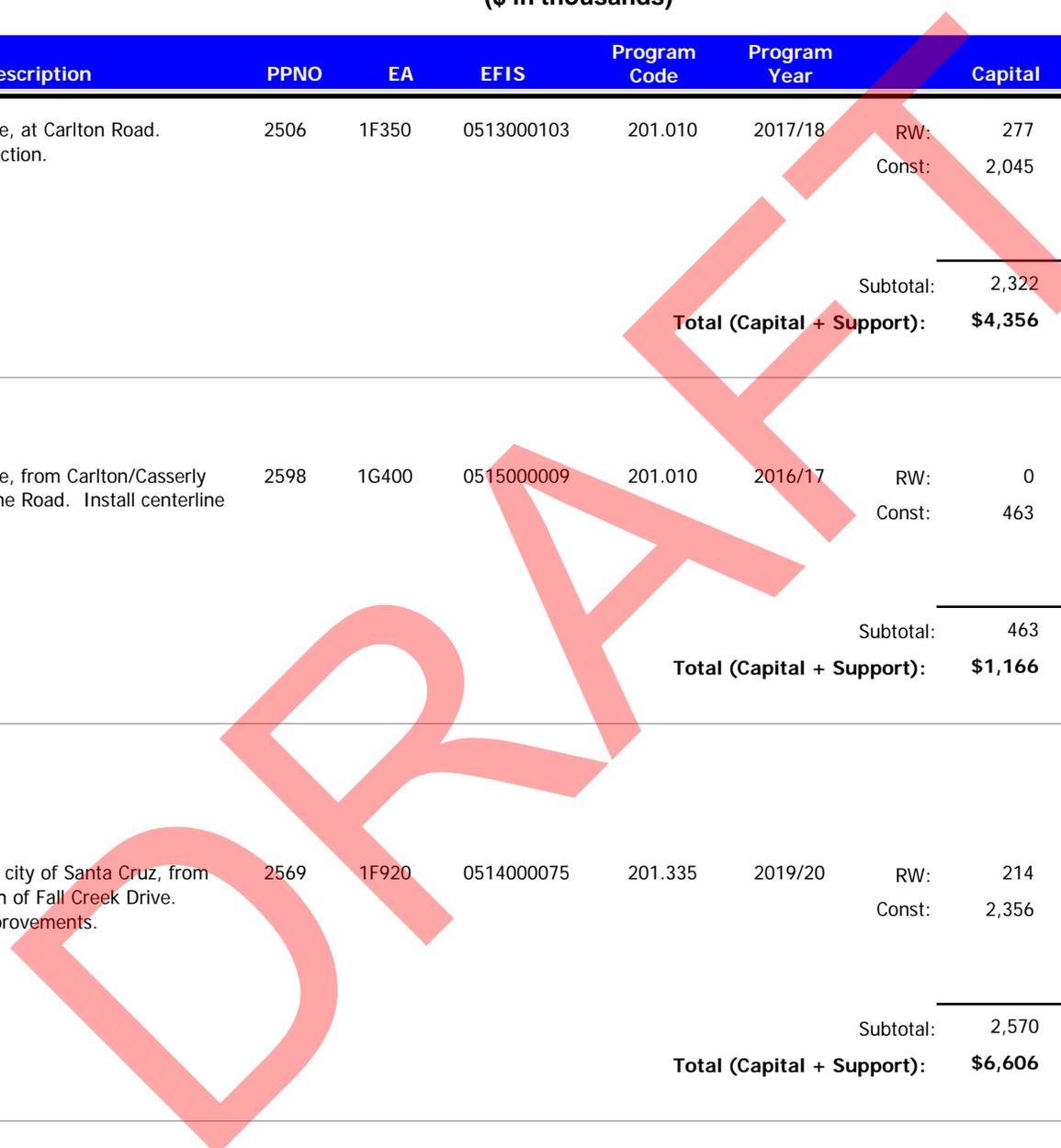
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
COLLISION REDUCTION												
9	22.1/23.8	In Castle Rock State Park, from 5 miles south to 3.3 miles south of Route 35. Widen shoulders, replace guardrail and construct centerline rumble strips.	2418	1C650	0512000185	201.015	2017/18	RW: 0 Const: 7,658	PA&ED: 1,050 PS&E: 1,842 RW: 40 Con: 1,350	PA&ED: 1,050 RTL: 7/14/2017 RW Cert: 7/3/2017		
								Subtotal:	7,658	4,282		
								Total (Capital + Support):	\$11,940			
17	0.1/0.4	Near the city of Santa Cruz, from southbound exit ramp to Route 1 to entrance ramp from Pasatiempo Drive. Widen shoulder and construct retaining wall.	2422	1C670	0512000194	201.010	2017/18	RW: 93 Const: 5,713	PA&ED: 1,101 PS&E: 1,451 RW: 198 Con: 1,413	PA&ED: 1,101 RTL: 4/2/2018 RW Cert: 12/1/2017		
								Subtotal:	5,806	4,163		
								Total (Capital + Support):	\$9,969			
129	1.8/9.9	Near Watsonville in Santa Cruz County. Also in San Benito County at School Road. Place open graded friction pavement and upgrade guardrail.	2476	1F030	0513000037	201.010	2016/17	RW: 14 Const: 6,946	PA&ED: 0 PS&E: 1,658 RW: 69 Con: 1,092	PA&ED: 0 RTL: 12/20/2016 RW Cert: 11/9/2016		
								Subtotal:	6,960	2,819		
								Total (Capital + Support):	\$9,779			



**2016 SHOPP V3.0 Project List
Santa Cruz
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
129	3.2/3.5	Near Watsonville, at Carlton Road. Improve intersection.	2506	1F350	0513000103	201.010	2017/18	RW:	277	PA&ED:	543	PA&ED:	7/1/2016
								Const:	2,045	PS&E:	674	RTL:	3/29/2018
										RW:	309	RW Cert:	3/29/2018
										Con:	508		
								Subtotal:	2,322		2,034		
Total (Capital + Support):								\$4,356					
152	3.7/8.2	Near Watsonville, from Carlton/Casserly Road to Pole Line Road. Install centerline rumble strips.	2598	1G400	0515000009	201.010	2016/17	RW:	0	PA&ED:	0	PA&ED:	6/11/2015
								Const:	463	PS&E:	452	RTL:	7/22/2016
										RW:	33	RW Cert:	3/3/2016
										Con:	218		
								Subtotal:	463		703		
Total (Capital + Support):								\$1,166					
MANDATES													
9	0.1/7.5	In and near the city of Santa Cruz, from Route 1 to north of Fall Creek Drive. Stormwater improvements.	2569	1F920	0514000075	201.335	2019/20	RW:	214	PA&ED:	745	PA&ED:	10/4/2017
								Const:	2,356	PS&E:	1,192	RTL:	5/4/2020
										RW:	1,287	RW Cert:	4/27/2020
										Con:	812		
								Subtotal:	2,570		4,036		
Total (Capital + Support):								\$6,606					



2016 SHOPP V3.0 Project List Santa Cruz (\$ in thousands)



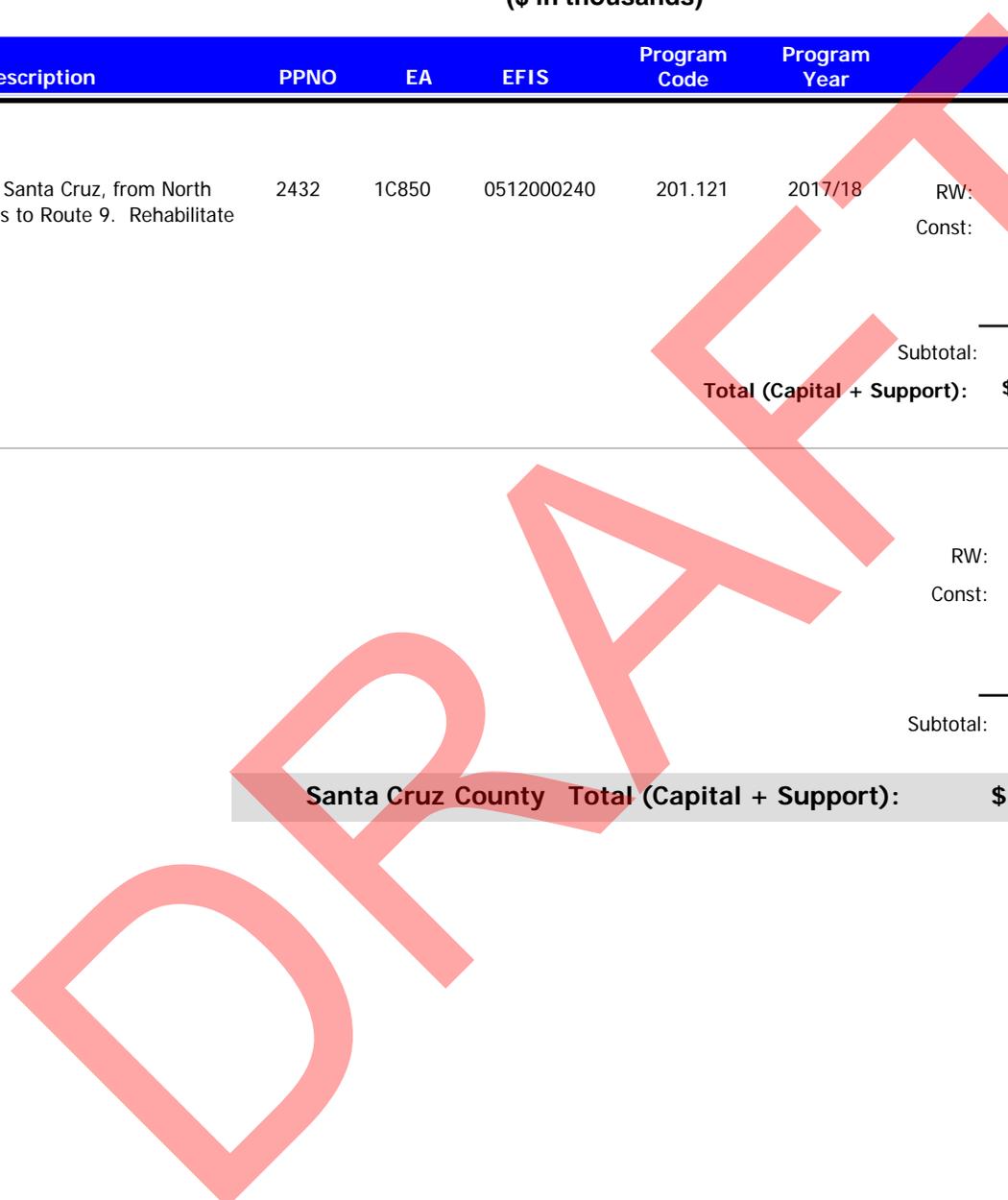
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
17	0.7/1.4	In Santa Cruz, from 0.7 mile north of Route 1/17 Separation to Beulah Park Undercrossing. Landscape mitigation for PPNO 1989.	1989Y	0Q601	0514000145	201.335	2017/18	RW:	0	PA&ED:	0	PA&ED:	3/15/2016
								Const:	507	PS&E:	500	RTL:	7/16/2017
										RW:	18	RW Cert:	11/17/2016
										Con:	537		
								Subtotal:	507		1,055		
Total (Capital + Support):									\$1,562				
<hr/>													
152	1.3/R2.0	In Watsonville, from Wagner Avenue to Holohan Road. Construct pedestrian infrastructure.	2464	1E020	0513000025	201.378	2017/18	RW:	195	PA&ED:	494	PA&ED:	1/6/2016
								Const:	1,565	PS&E:	716	RTL:	1/11/2018
										RW:	331	RW Cert:	1/3/2018
										Con:	467		
								Subtotal:	1,760		2,008		
Total (Capital + Support):									\$3,768				
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BRIDGE PRESERVATION													
1	VAR	Near the city of Santa Cruz, on Routes 1 and 17 at various locations. Bridge rail replacement and upgrades.	2585	1F520	0514000005	201.112	2018/19	RW:	0	PA&ED:	0	PA&ED:	6/30/2015
								Const:	4,167	PS&E:	902	RTL:	7/1/2018
										RW:	47	RW Cert:	4/1/2018
										Con:	1,059		
								Subtotal:	4,167		2,008		
Total (Capital + Support):									\$6,175				



2016 SHOPP V3.0 Project List Santa Cruz (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
ROADWAY PRESERVATION										
1	10.2/17.5	Near the city of Santa Cruz, from North Aptos Underpass to Route 9. Rehabilitate pavement.	2432	1C850	0512000240	201.121	2017/18	RW: 0 Const: 14,971	PA&ED: 147 PS&E: 1,030 RW: 10 Con: 1,082	PA&ED: 7/5/2016 RTL: 2/1/2018 RW Cert: 7/31/2017
								Subtotal:	14,971	2,269
								Total (Capital + Support):		\$17,240
								RW: 793 Const: 46,391	PA&ED: 4,080 PS&E: 10,417 RW: 2,342 Con: 8,538	
								Subtotal:	47,184	25,377
								Santa Cruz County Total (Capital + Support):		\$72,561



**2016 SHOPP V3.0 Project List
Shasta
(\$ in thousands)**

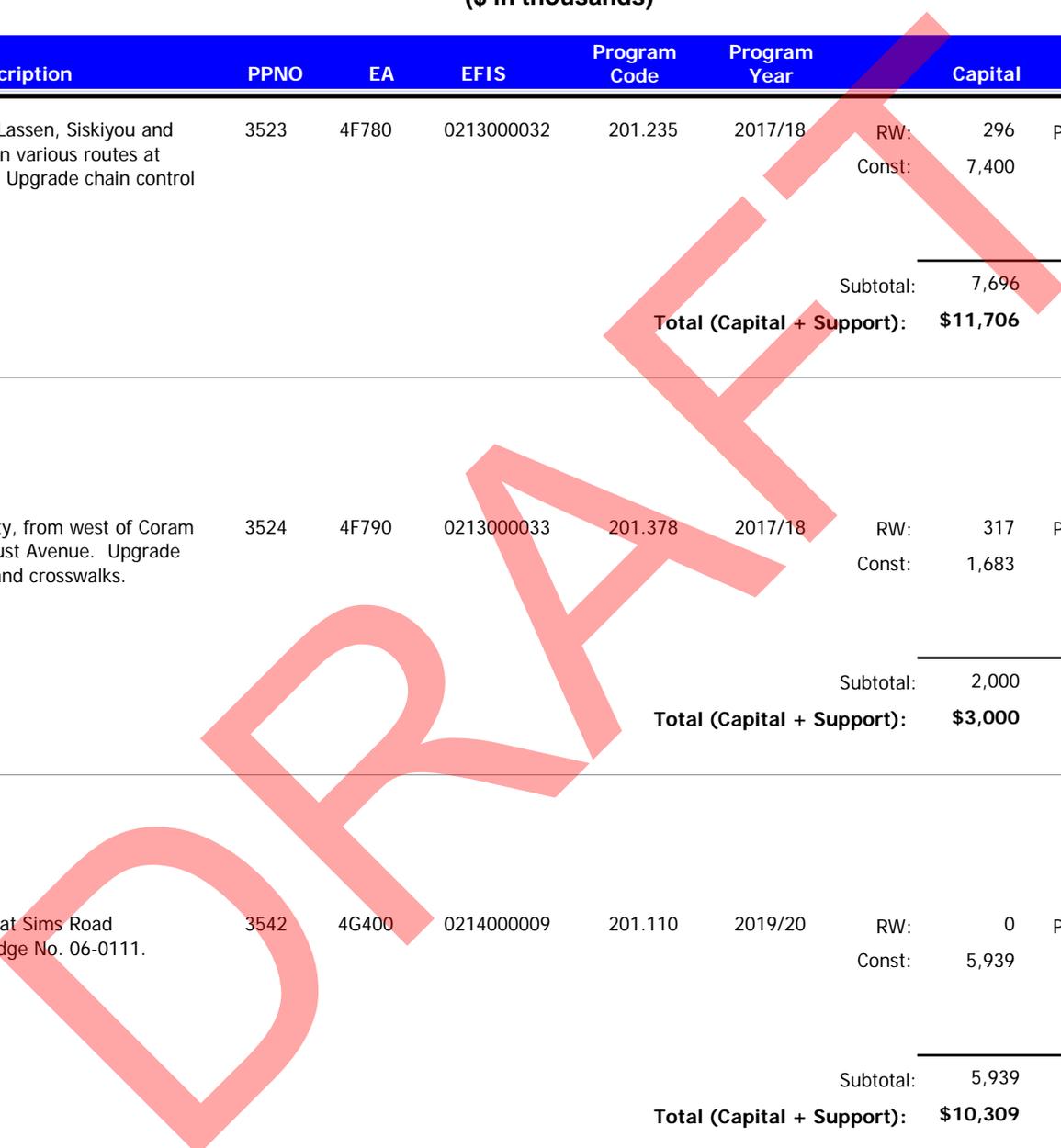


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
5	0.0/67.0	In Shasta County at various locations. Improvements to reduce maintenance worker exposure.	3551	4G570	0214000026	201.235	2019/20	RW:	13	PA&ED:	200	PA&ED:	10/5/2018
								Const:	2,146	PS&E:	360	RTL:	8/2/2019
										RW:	86	RW Cert:	7/12/2019
								Con:		390			
								Subtotal:	2,159		1,036		
								Total (Capital + Support):	\$3,195				
5	0.0/67.0	In and near Redding, from the Tehama County Line to the Siskiyou County Line. Improve roadside clear recovery zone.	3506	4F510	0213000001	201.015	2017/18	RW:	780	PA&ED:	1,300	PA&ED:	9/30/2016
								Const:	5,600	PS&E:	900	RTL:	2/2/2018
										RW:	800	RW Cert:	12/15/2017
								Con:		1,300			
								Subtotal:	6,380		4,300		
								Total (Capital + Support):	\$10,680				
5	R31.0/31.7	Near Shasta Lake City, at O'Brien Safety Roadside Rest Area (SRRRA). Upgrade potable water system and wastewater systems.	3552	4G580	0214000027	201.235	2019/20	RW:	3	PA&ED:	400	PA&ED:	11/1/2017
								Const:	3,007	PS&E:	1,180	RTL:	10/1/2019
										RW:	140	RW Cert:	7/1/2019
								Con:		940			
								Subtotal:	3,010		2,660		
								Total (Capital + Support):	\$5,670				

**2016 SHOPP V3.0 Project List
Shasta
(\$ in thousands)**



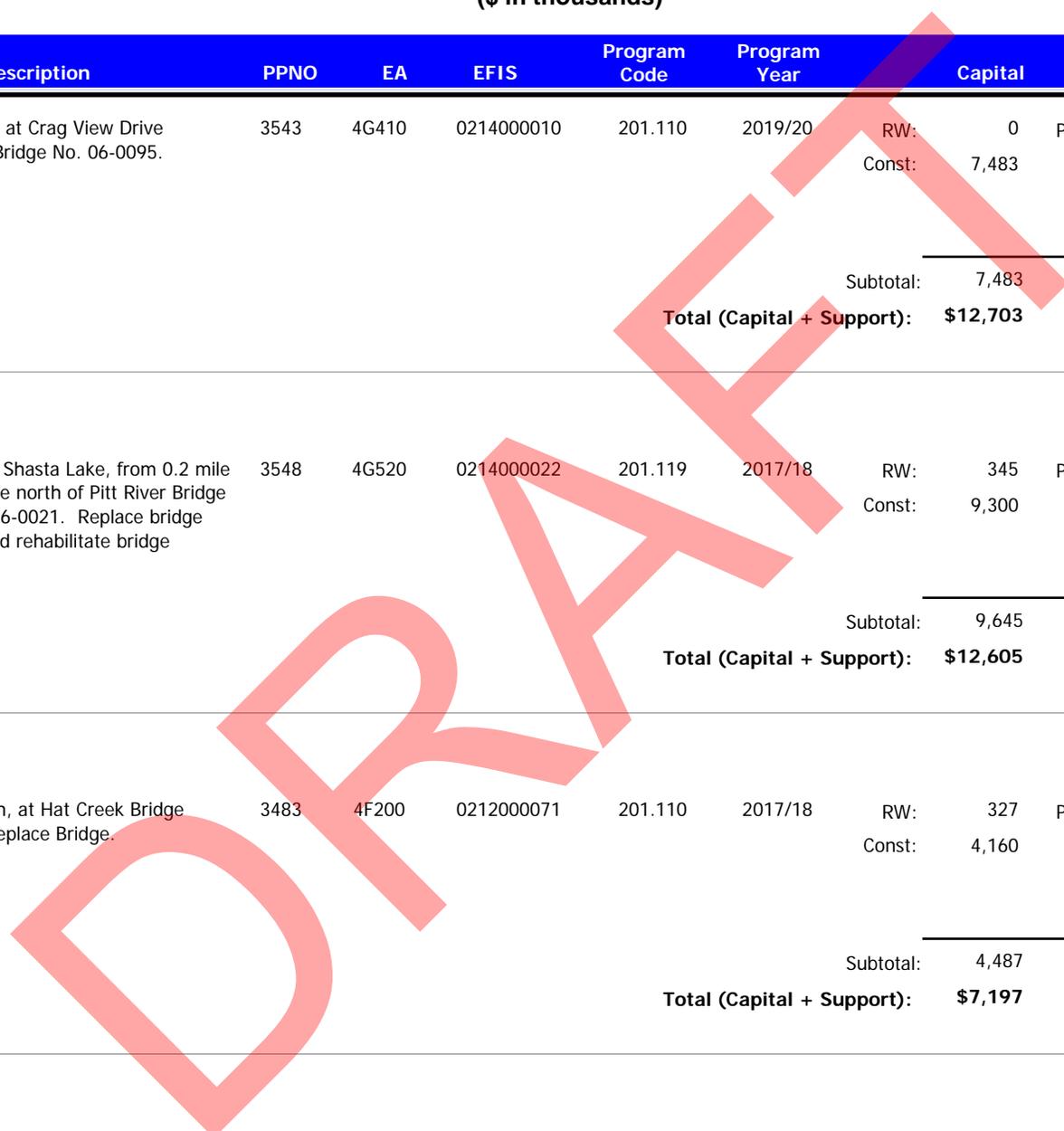
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
VAR	5.5/R5.8	In Shasta, Butte, Lassen, Siskiyou and Trinity counties, on various routes at various locations. Upgrade chain control facilities.	3523	4F780	0213000032	201.235	2017/18	RW:	296	PA&ED:	1,200	PA&ED:	9/5/2016
								Const:	7,400	PS&E:	1,070	RTL:	3/15/2018
										RW:	330	RW Cert:	2/2/2018
										Con:	1,410		
								Subtotal:	7,696		4,010		
Total (Capital + Support):								\$11,706					
MANDATES													
151	5.5/R5.8	In Shasta Lake City, from west of Coram Underpass to Locust Avenue. Upgrade curbs, sidewalks and crosswalks.	3524	4F790	0213000033	201.378	2017/18	RW:	317	PA&ED:	205	PA&ED:	11/2/2015
								Const:	1,683	PS&E:	295	RTL:	8/1/2017
										RW:	250	RW Cert:	5/1/2017
										Con:	250		
								Subtotal:	2,000		1,000		
Total (Capital + Support):								\$3,000					
BRIDGE PRESERVATION													
5	57.4	Near Pollard Flat, at Sims Road Undercrossing Bridge No. 06-0111. Replace bridge.	3542	4G400	0214000009	201.110	2019/20	RW:	0	PA&ED:	590	PA&ED:	2/1/2018
								Const:	5,939	PS&E:	1,420	RTL:	8/1/2019
										RW:	130	RW Cert:	5/1/2019
										Con:	2,230		
								Subtotal:	5,939		4,370		
Total (Capital + Support):								\$10,309					



2016 SHOPP V3.0 Project List Shasta (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
5	66.8	Near Dunsmuir, at Crag View Drive Undercrossing Bridge No. 06-0095. Replace bridge.	3543	4G410	0214000010	201.110	2019/20	RW:	0	PA&ED:	660	PA&ED:	2/1/2018
								Const:	7,483	PS&E:	1,610	RTL:	8/1/2019
										RW:	130	RW Cert:	5/1/2019
										Con:	2,820		
								Subtotal:	7,483		5,220		
Total (Capital + Support):									\$12,703				
5	R28.0/R29.0	Near the city of Shasta Lake, from 0.2 mile south to 0.9 mile north of Pitt River Bridge Overhead No. 06-0021. Replace bridge deck overlay and rehabilitate bridge catwalk.	3548	4G520	0214000022	201.119	2017/18	RW:	345	PA&ED:	360	PA&ED:	9/15/2016
								Const:	9,300	PS&E:	630	RTL:	9/22/2017
										RW:	70	RW Cert:	9/8/2017
										Con:	1,900		
								Subtotal:	9,645		2,960		
Total (Capital + Support):									\$12,605				
44	59.6	Near Old Station, at Hat Creek Bridge No.06-0084. Replace Bridge.	3483	4F200	0212000071	201.110	2017/18	RW:	327	PA&ED:	620	PA&ED:	7/29/2016
								Const:	4,160	PS&E:	780	RTL:	12/1/2017
										RW:	170	RW Cert:	11/3/2017
										Con:	1,140		
								Subtotal:	4,487		2,710		
Total (Capital + Support):									\$7,197				



2016 SHOPP V3.0 Project List Shasta (\$ in thousands)



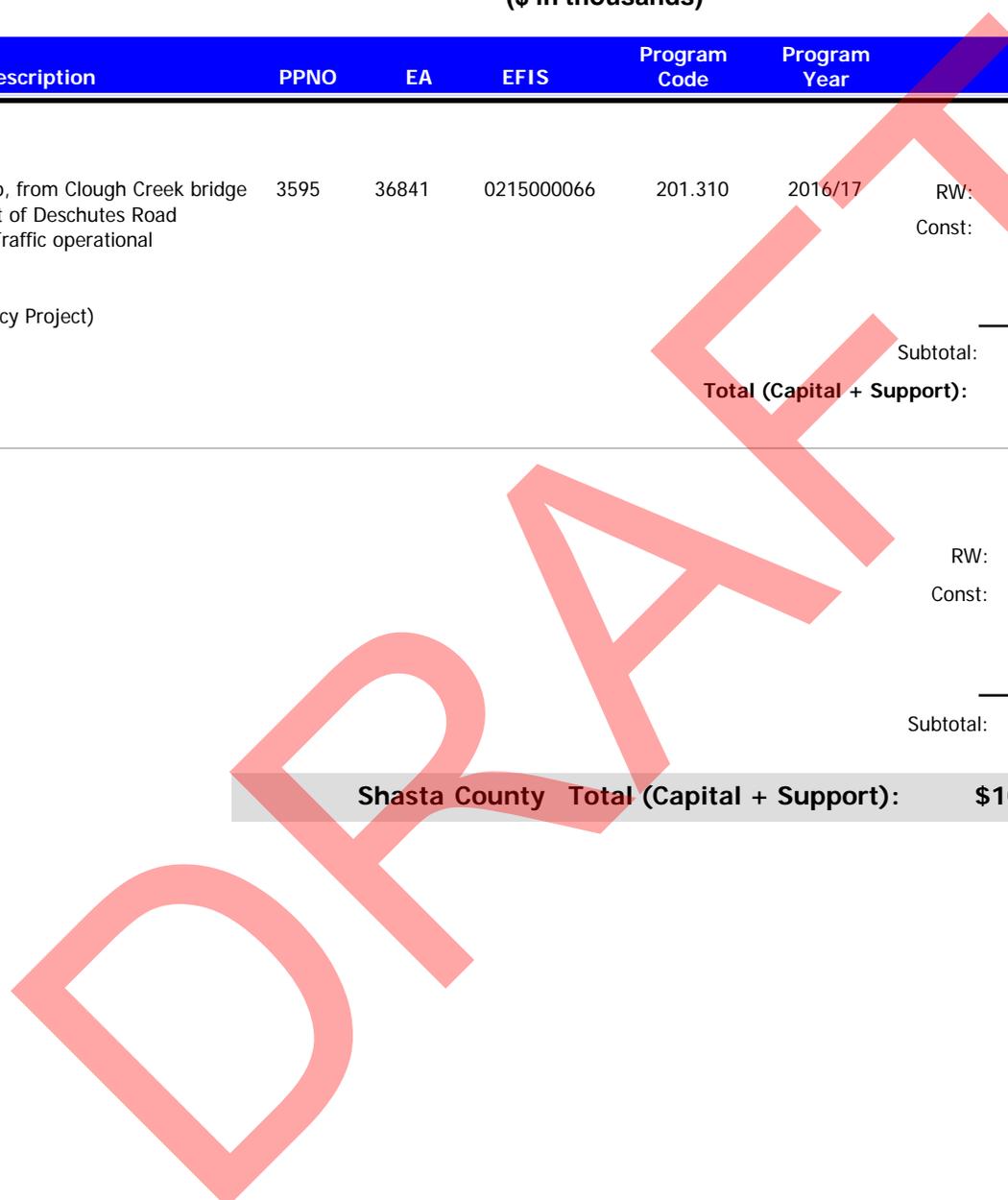
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
273	3.8/7.1	In and near Anderson, on Route 273 at PM 3.8/7.1 and PM 11.0/12.7; also near Redding, on Route 5 at PM R3.3/R3.8. Rehabilitate pavement.	3544	4G420	0214000011	201.121	2017/18	RW:	233	PA&ED:	880	PA&ED:	9/14/2016
								Const:	8,520	PS&E:	990	RTL:	3/15/2018
										RW:	500	RW Cert:	2/22/2018
										Con:	990		
								Subtotal:	8,753		3,360		
								Total (Capital + Support):	\$12,113				
<hr/>													
299	7.6/18.3	In and near the town of Shasta, from west of Crystal Creek Road to Trinity Alley. Rehabilitate roadway. (G13 Contingency Project)	3456	3E740	0200020160	201.120	2017/18	RW:	57	PA&ED:	3,480	PA&ED:	10/14/2016
								Const:	0	PS&E:	2,590	RTL:	3/5/2018
										RW:	370	RW Cert:	1/15/2018
										Con:	0		
								Subtotal:	57		6,440		
								Total (Capital + Support):	\$6,497				
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299	77.8/79.7	Near Burney, from west of Sonoma Street to west of Route 89. Rehabilitate roadway.	3449	4E020	0200020196	201.120	2017/18	RW:	51	PA&ED:	500	PA&ED:	10/5/2015
								Const:	7,500	PS&E:	580	RTL:	7/24/2017
										RW:	100	RW Cert:	7/7/2017
										Con:	1,000		
								Subtotal:	7,551		2,180		
								Total (Capital + Support):	\$9,731				



2016 SHOPP V3.0 Project List Shasta (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MOBILITY													
44	R4.6/R6.4	Near Palo Cedro, from Clough Creek bridge to 0.6 mile west of Deschutes Road overcrossing. Traffic operational improvements. (G13 Contingency Project)	3595	36841	0215000066	201.310	2016/17	RW:	500	PA&ED:	200	PA&ED:	11/2/2015
								Const:	0	PS&E:	1,200	RTL:	3/1/2017
										RW:	500	RW Cert:	2/1/2017
										Con:	0		
								Subtotal:	500		1,900		
								Total (Capital + Support):	\$2,400				
								RW:	2,922	PA&ED:	10,595		
								Const:	62,738	PS&E:	13,605		
										RW:	3,576		
										Con:	14,370		
								Subtotal:	65,660		42,146		
								Shasta County Total (Capital + Support):	\$107,806				



**2016 SHOPP V3.0 Project List
Sierra
(\$ in thousands)**



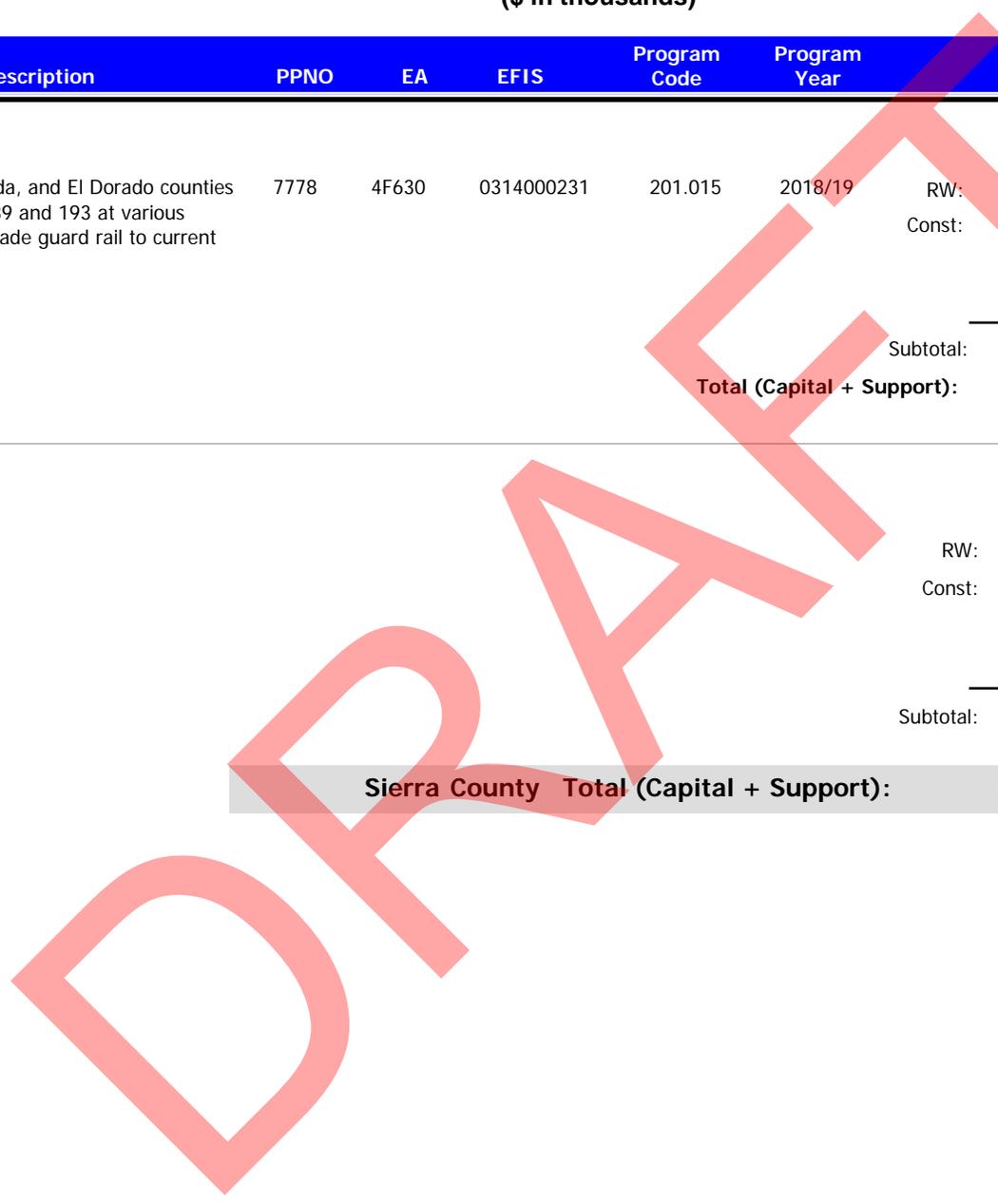
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones
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COLLISION REDUCTION

49	0.0/15.9	In Sierra, Nevada, and El Dorado counties on Routes 49, 89 and 193 at various locations. Upgrade guard rail to current standards.	7778	4F630	0314000231	201.015	2018/19	RW:	60	PA&ED:	85	PA&ED:	8/1/2017
								Const:	1,410	PS&E:	605	RTL:	9/1/2018
										RW:	10	RW Cert:	8/1/2018
										Con:	590		
								Subtotal:	1,470			1,290	
								Total (Capital + Support):	\$2,760				

RW:	60	PA&ED:	85
Const:	1,410	PS&E:	605
		RW:	10
		Con:	590
Subtotal:	1,470		1,290

Sierra County Total (Capital + Support): \$2,760



2016 SHOPP V3.0 Project List
Siskiyou
 (\$ in thousands)



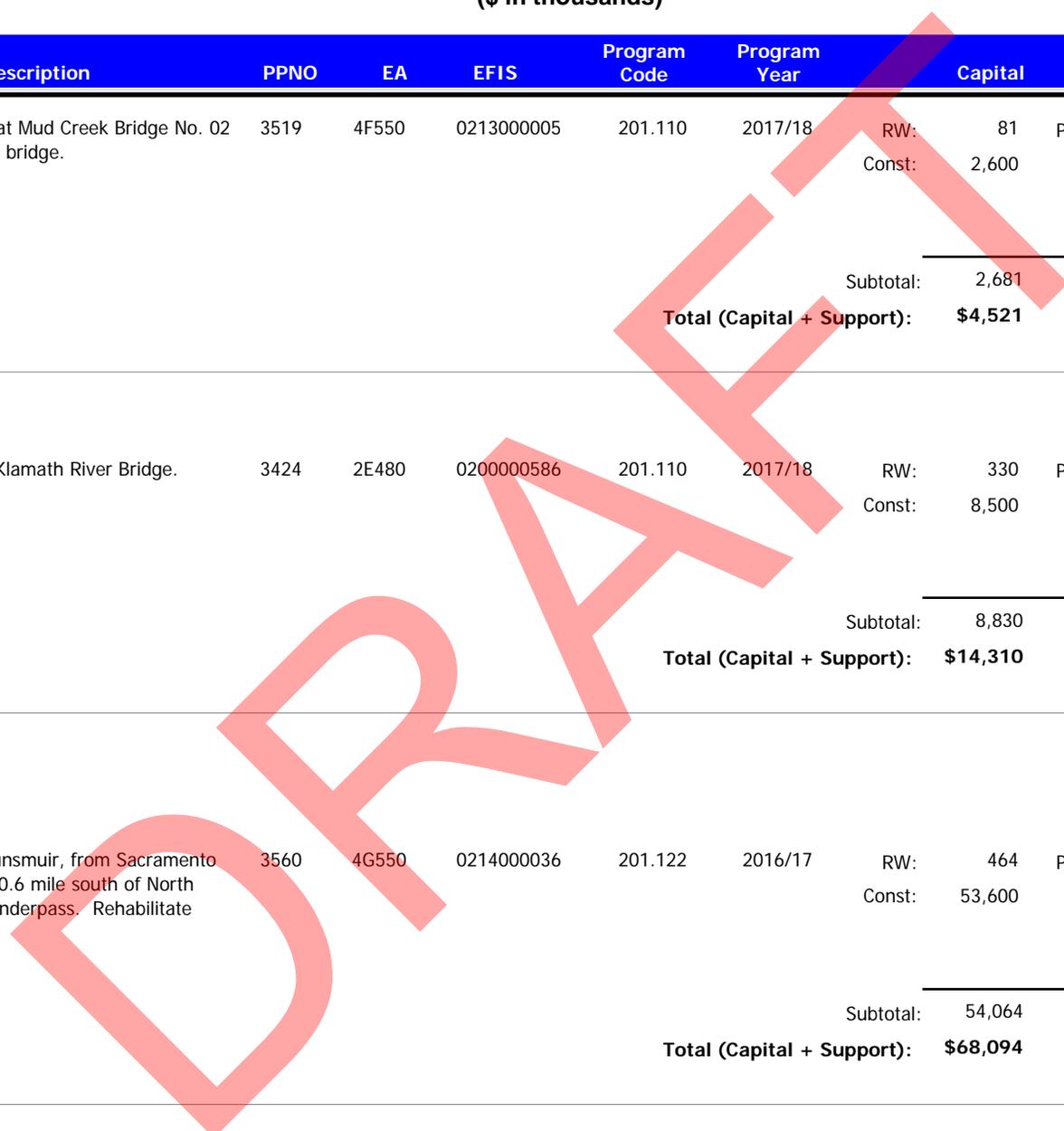
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
<u>COLLISION REDUCTION</u>												
97	21.8	Near Macdoel, at Grass Lake Safety Roadside Rest Area. Upgrade water and wastewater systems.	3477	4E680	0212000032	201.235	2017/18	RW: 12 Const: 2,100	PA&ED: 490 PS&E: 420 RW: 60 Con: 630	490 420 60 630	PA&ED: 5/1/2016 RTL: 9/1/2017 RW Cert: 5/25/2017	
								Subtotal:	2,112	1,600		
								Total (Capital + Support):	\$3,712			
<u>BRIDGE PRESERVATION</u>												
5	R15.5/R16.3	Near Weed, from north of Deetz Road Undercrossing No. 02-0161 to north of Black Butte Overhead No. 02-0004. Bridge replacement.	3509	4F540	0213000004	201.110	2017/18	RW: 68 Const: 8,600	PA&ED: 870 PS&E: 1,520 RW: 230 Con: 1,310	870 1,520 230 1,310	PA&ED: 12/1/2015 RTL: 11/17/2017 RW Cert: 7/14/2017	
								Subtotal:	8,668	3,930		
								Total (Capital + Support):	\$12,598			
5	R25.2	Near Edgewood, from 0.4 mile south to 0.4 mile north of North Edgewood Overhead #02-0032L&R. Strengthen and upgrade bridges.	3535	4G240	0213000095	201.322	2016/17	RW: 39 Const: 4,000	PA&ED: 680 PS&E: 750 RW: 210 Con: 870	680 750 210 870	PA&ED: 8/17/2015 RTL: 3/22/2017 RW Cert: 3/3/2017	
								Subtotal:	4,039	2,510		
								Total (Capital + Support):	\$6,549			



2016 SHOPP V3.0 Project List
Siskiyou
 (\$ in thousands)



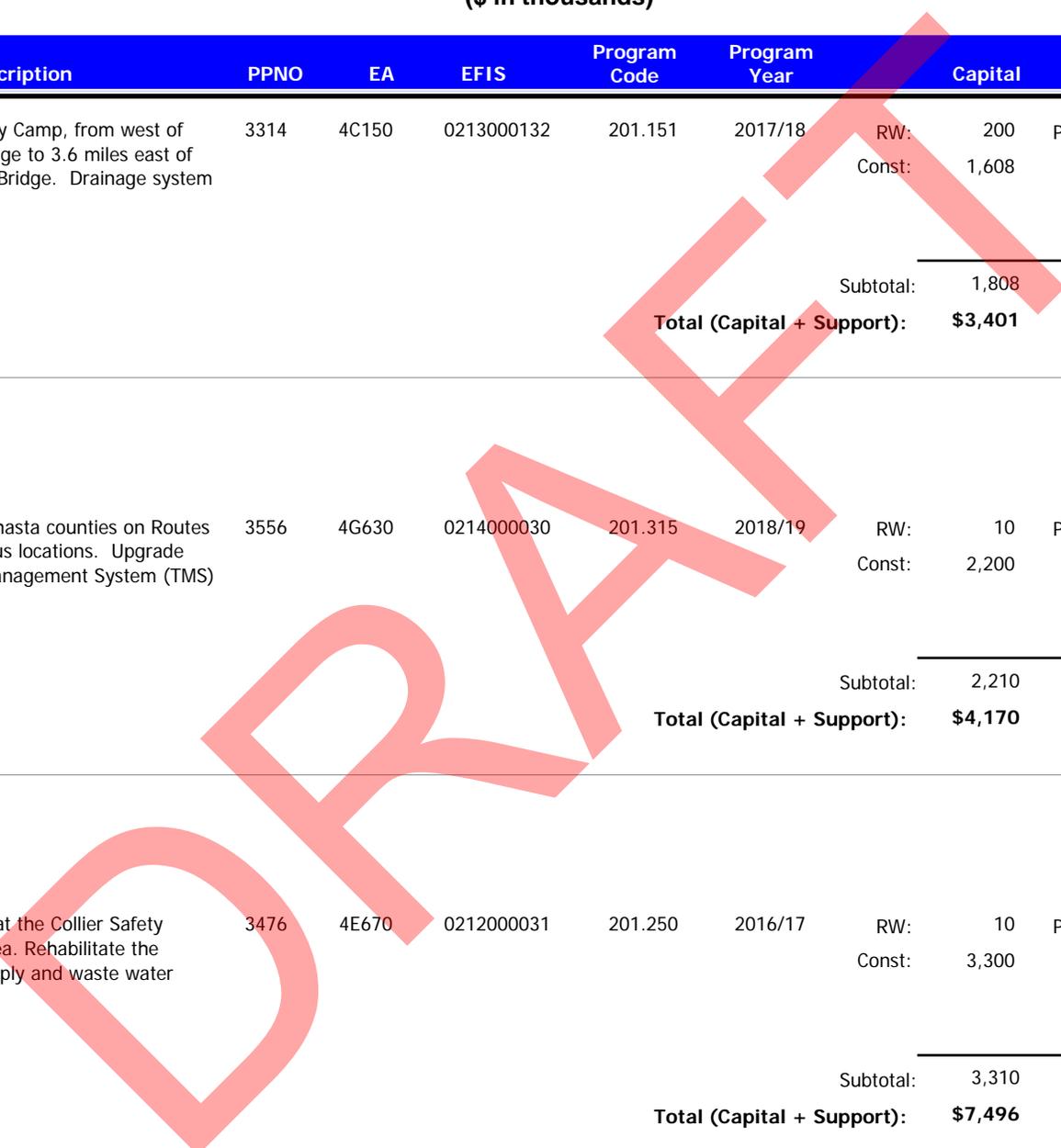
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
89	20.9/21.2	Near McCloud, at Mud Creek Bridge No. 02 -0046. Replace bridge.	3519	4F550	0213000005	201.110	2017/18	RW:	81	PA&ED:	550	PA&ED:	12/1/2016
								Const:	2,600	PS&E:	510	RTL:	1/19/2018
										RW:	150	RW Cert:	12/22/2017
										Con:	630		
								Subtotal:	2,681		1,840		
Total (Capital + Support):								\$4,521					
<hr/>													
263	57.1	Near Yreka, at Klamath River Bridge. Replace bridge.	3424	2E480	0200000586	201.110	2017/18	RW:	330	PA&ED:	1,800	PA&ED:	10/6/2016
								Const:	8,500	PS&E:	1,600	RTL:	4/27/2018
										RW:	180	RW Cert:	3/30/2018
										Con:	1,900		
								Subtotal:	8,830		5,480		
Total (Capital + Support):								\$14,310					
<hr/>													
<u>ROADWAY PRESERVATION</u>													
5	2.7/R11.4	In and near Dunsmuir, from Sacramento River bridge to 0.6 mile south of North Mount Shasta underpass. Rehabilitate roadway.	3560	4G550	0214000036	201.122	2016/17	RW:	464	PA&ED:	4,590	PA&ED:	3/18/2016
								Const:	53,600	PS&E:	4,300	RTL:	3/3/2017
										RW:	270	RW Cert:	2/17/2017
										Con:	4,870		
								Subtotal:	54,064		14,030		
Total (Capital + Support):								\$68,094					



**2016 SHOPP V3.0 Project List
Siskiyou
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
96	23.2/56.0	In and near Happy Camp, from west of Swillup Creek Bridge to 3.6 miles east of Thompson Creek Bridge. Drainage system restoration.	3314	4C150	0213000132	201.151	2017/18	RW:	200	PA&ED:	500	PA&ED:	10/7/2016
								Const:	1,608	PS&E:	532	RTL:	4/6/2018
										RW:	92	RW Cert:	3/9/2018
										Con:	469		
								Subtotal:	1,808		1,593		
Total (Capital + Support):								\$3,401					
MOBILITY													
5	VAR	In Siskiyou and Shasta counties on Routes 5 and 89 at various locations. Upgrade Transportation Management System (TMS) field elements.	3556	4G630	0214000030	201.315	2018/19	RW:	10	PA&ED:	390	PA&ED:	10/20/2017
								Const:	2,200	PS&E:	710	RTL:	9/28/2018
										RW:	140	RW Cert:	8/17/2018
										Con:	720		
								Subtotal:	2,210		1,960		
Total (Capital + Support):								\$4,170					
ROADSIDE PRESERVATION													
5	R58.0	Near Hornbrook, at the Collier Safety Roadside Rest Area. Rehabilitate the potable water supply and waste water system.	3476	4E670	0212000031	201.250	2016/17	RW:	10	PA&ED:	2,150	PA&ED:	6/3/2016
								Const:	3,300	PS&E:	550	RTL:	8/9/2016
										RW:	36	RW Cert:	6/10/2016
										Con:	1,450		
								Subtotal:	3,310		4,186		
Total (Capital + Support):								\$7,496					



**2016 SHOPP V3.0 Project List
Siskiyou
(\$ in thousands)**



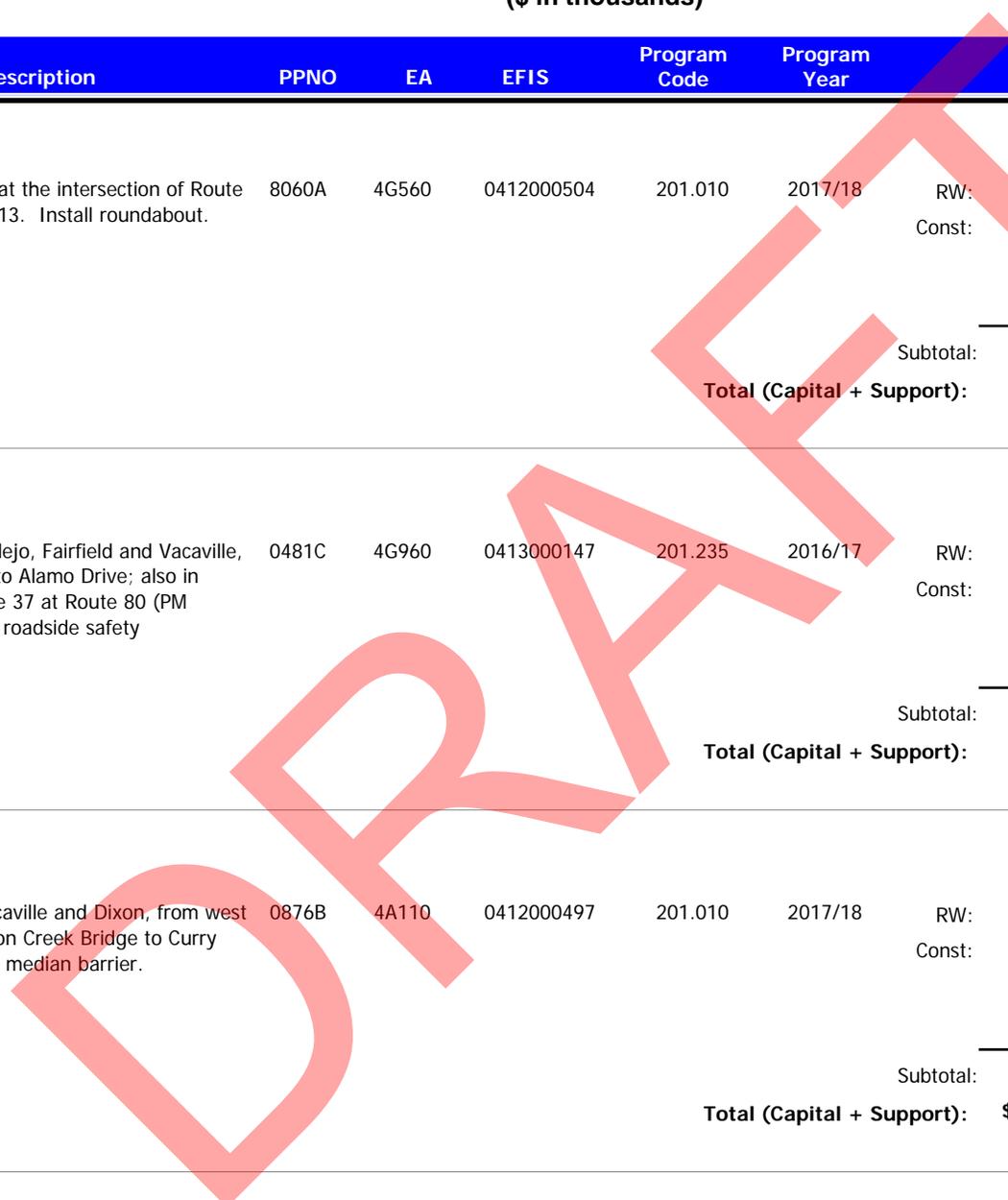
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
								RW: 1,214	PA&ED: 12,020		
								Const: 86,508	PS&E: 10,892		
									RW: 1,368		
									Con: 12,849		
								<hr/>			
								Subtotal: 87,722		37,129	
Siskiyou County Total (Capital + Support):								\$124,851			

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**2016 SHOPP V3.0 Project List
Solano
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
12	19.2	Near Rio Vista, at the intersection of Route 12 and Route 113. Install roundabout.	8060A	4G560	0412000504	201.010	2017/18	RW:	71	PA&ED:	594	PA&ED:	7/1/2016
								Const:	4,671	PS&E:	684	RTL:	5/1/2018
										RW:	54	RW Cert:	4/1/2018
										Con:	468		
								Subtotal:	4,742		1,800		
								Total (Capital + Support):	\$6,542				
80	1.1/R25.1	In and near Vallejo, Fairfield and Vacaville, from Route 29 to Alamo Drive; also in Vallejo on Route 37 at Route 80 (PM R11.45). Install roadside safety improvements.	0481C	4G960	0413000147	201.235	2016/17	RW:	15	PA&ED:	216	PA&ED:	7/17/2015
								Const:	2,573	PS&E:	450	RTL:	6/30/2016
										RW:	54	RW Cert:	6/15/2016
										Con:	450		
								Subtotal:	2,588		1,170		
								Total (Capital + Support):	\$3,758				
80	30.6/38.4	In and near Vacaville and Dixon, from west of Gibson Canyon Creek Bridge to Curry Road. Upgrade median barrier.	0876B	4A110	0412000497	201.010	2017/18	RW:	10	PA&ED:	0	PA&ED:	10/31/2013
								Const:	14,700	PS&E:	2,200	RTL:	6/1/2018
										RW:	200	RW Cert:	2/1/2018
										Con:	2,600		
								Subtotal:	14,710		5,000		
								Total (Capital + Support):	\$19,710				



2016 SHOPP V3.0 Project List Solano (\$ in thousands)



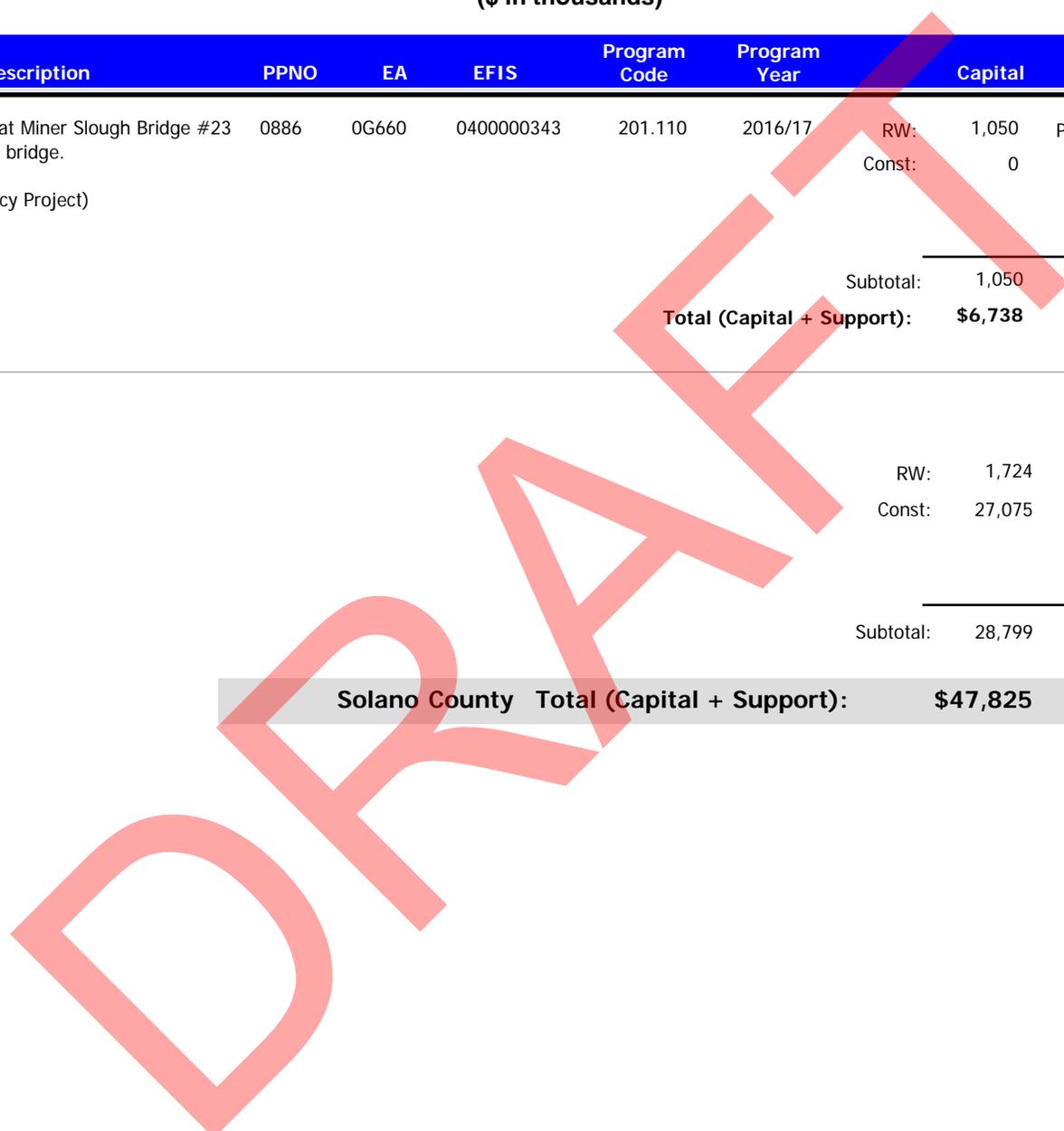
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
80	1.1/34.5	In and near Vallejo, Dixon and Vacaville, at Route 80/29 Separation Bridge No. 23-0087, McCune Creek Bridge No. 23-0084 L/R and Horse Creek Bridge No. 23-0077 L. Bridge preventative maintenance.	0480N	OJ600	0414000017	201.119	2019/20	RW:	423	PA&ED:	990	PA&ED:	8/31/2018
								Const:	1,379	PS&E:	880	RTL:	5/31/2020
										RW:	66	RW Cert:	2/28/2020
										Con:	880		
								Subtotal:	1,802		2,816		
								Total (Capital + Support):	\$4,618				
80	13.9	Near Fairfield, at Dan Wilson Creek Bridge No. 23-0006. Rehabilitate bridge.	8315N	3G690	0412000153	201.110	2017/18	RW:	145	PA&ED:	446	PA&ED:	11/1/2016
								Const:	2,306	PS&E:	592	RTL:	2/5/2018
										RW:	50	RW Cert:	1/15/2018
										Con:	448		
								Subtotal:	2,451		1,536		
								Total (Capital + Support):	\$3,987				
80	14.6	Near Fairfield, on Route 80, near Fairfield at Suisun Creek Bridge No. 23-0007; also in Marin County, near San Rafael on Route 101 at Miller Creek Bridge No. 27-0004. Scour mitigation.	0487Q	4G870	0413000057	201.111	2016/17	RW:	10	PA&ED:	350	PA&ED:	6/30/2016
								Const:	1,446	PS&E:	350	RTL:	2/28/2017
										RW:	16	RW Cert:	2/15/2017
										Con:	300		
								Subtotal:	1,456		1,016		
								Total (Capital + Support):	\$2,472				



**2016 SHOPP V3.0 Project List
Solano
(\$ in thousands)**



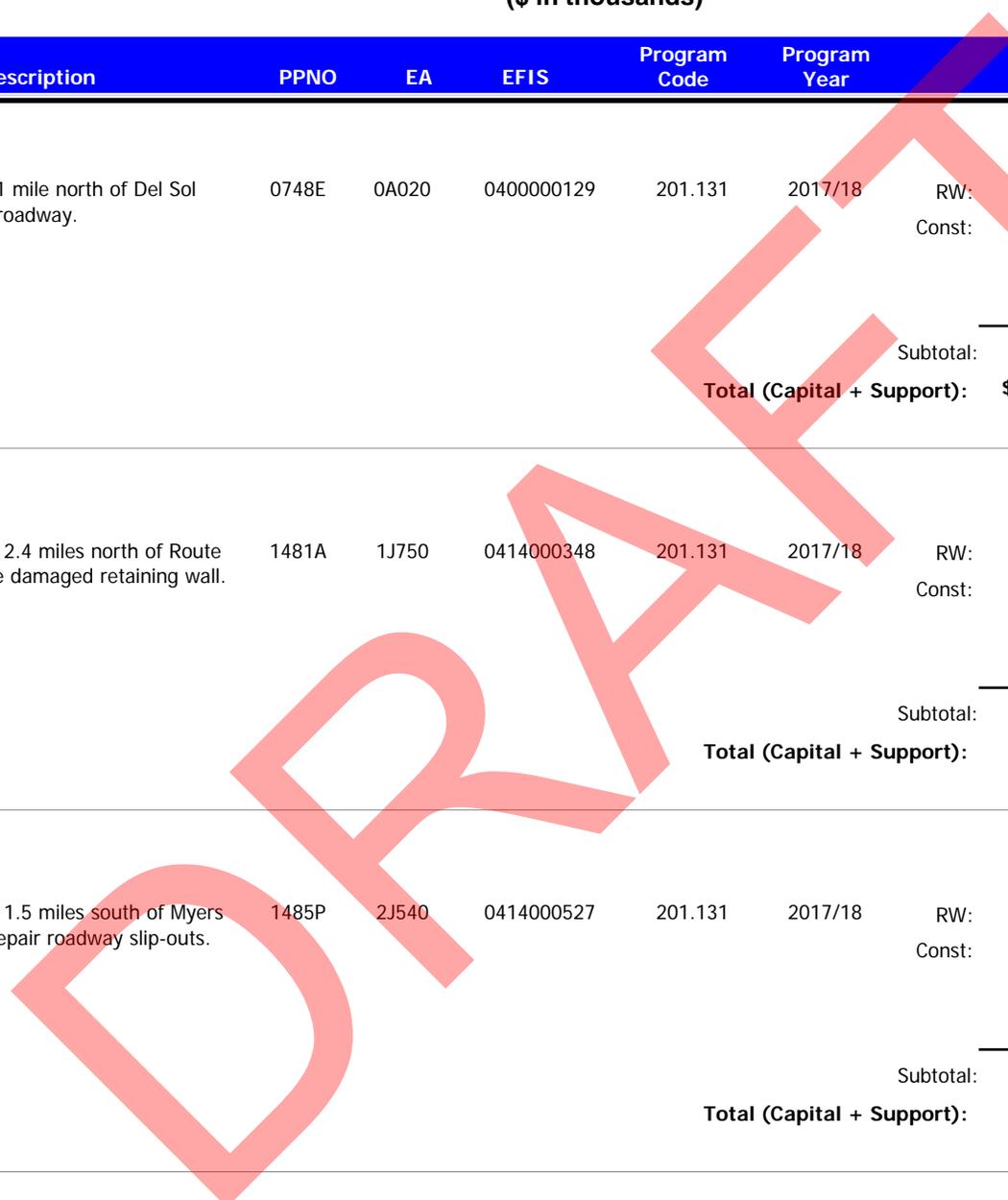
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
84	12.1/12.2	Near Rio Vista, at Miner Slough Bridge #23 -0035. Replace bridge. (G13 Contingency Project)	0886	0G660	0400000343	201.110	2016/17	RW: 1,050 Const: 0	PA&ED: 1,836 PS&E: 2,754 RW: 1,098 Con: 0	PA&ED: 4/15/2016 RTL: 6/1/2017 RW Cert: 6/1/2017	
								Subtotal:	1,050	5,688	
								Total (Capital + Support):	\$6,738		
								RW:	1,724	PA&ED: 4,432	
								Const:	27,075	PS&E: 7,910	
										RW: 1,538	
										Con: 5,146	
								Subtotal:	28,799	19,026	
								Solano County Total (Capital + Support):	\$47,825		



**2016 SHOPP V3.0 Project List
Sonoma
(\$ in thousands)**



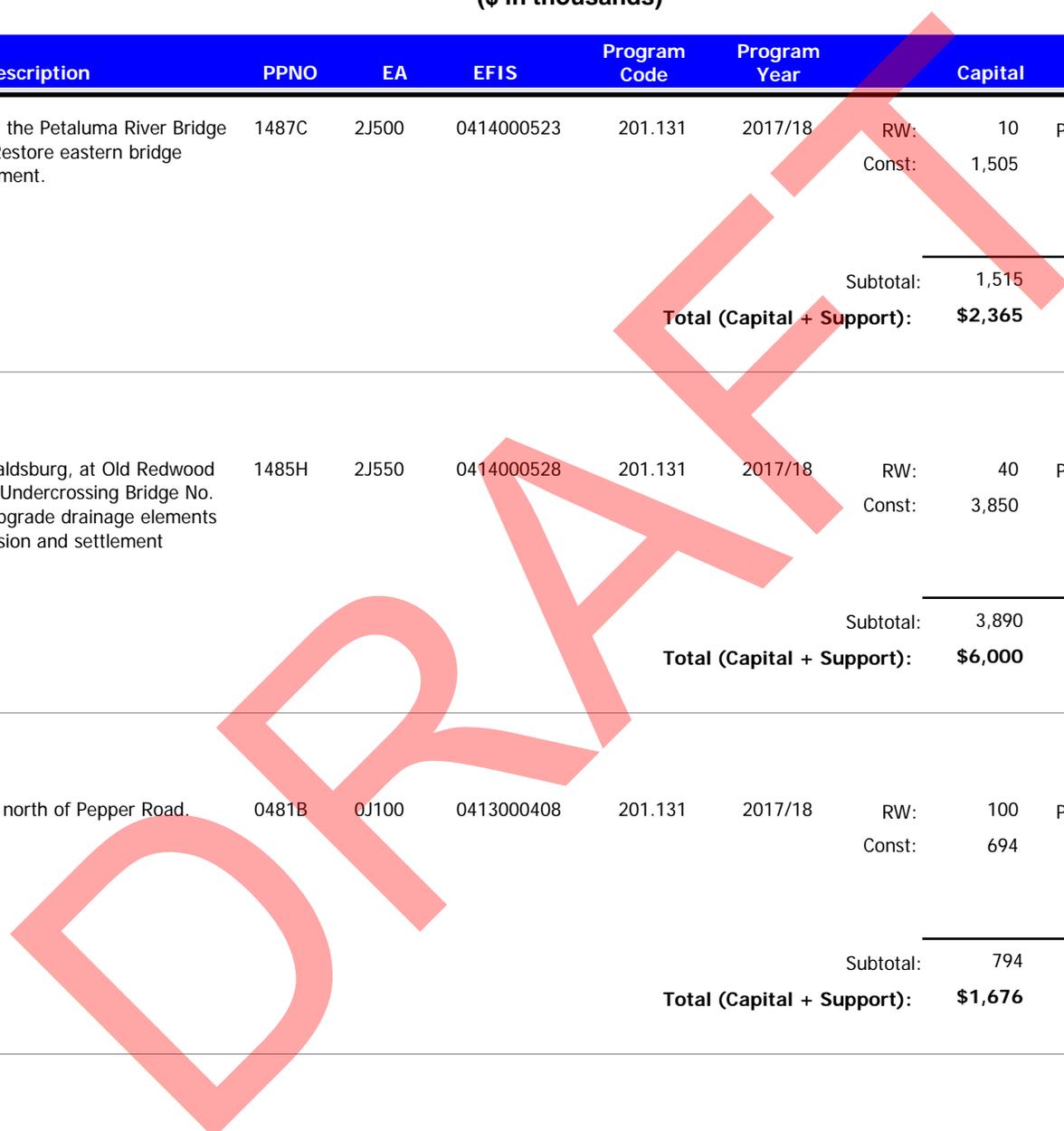
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MAJOR DAMAGE RESTORATION													
1	15.1/15.8	Near Camet, 0.1 mile north of Del Sol Road. Realign roadway.	0748E	0A020	0400000129	201.131	2017/18	RW:	3,000	PA&ED:	6,500	PA&ED:	6/30/2016
								Const:	21,800	PS&E:	1,800	RTL:	12/1/2017
										RW:	500	RW Cert:	11/1/2017
										Con:	3,270		
								Subtotal:	24,800		12,070		
								Total (Capital + Support):	\$36,870				
1	22.5	Near Jenner, at 2.4 miles north of Route 116. Repair fire damaged retaining wall.	1481A	1J750	0414000348	201.131	2017/18	RW:	10	PA&ED:	280	PA&ED:	10/3/2016
								Const:	1,370	PS&E:	300	RTL:	12/1/2017
										RW:	10	RW Cert:	11/1/2017
										Con:	220		
								Subtotal:	1,380		810		
								Total (Capital + Support):	\$2,190				
1	24.3/24.4	Near Jenner, at 1.5 miles south of Myers Grade Road. Repair roadway slip-outs.	1485P	2J540	0414000527	201.131	2017/18	RW:	150	PA&ED:	780	PA&ED:	12/1/2016
								Const:	3,880	PS&E:	880	RTL:	6/1/2018
										RW:	100	RW Cert:	5/1/2018
										Con:	620		
								Subtotal:	4,030		2,380		
								Total (Capital + Support):	\$6,410				



2016 SHOPP V3.0 Project List Sonoma (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
37	0.3	Near Novato, at the Petaluma River Bridge No. 27-0013. Restore eastern bridge approach settlement.	1487C	2J500	0414000523	201.131	2017/18	RW:	10	PA&ED:	250	PA&ED:	9/1/2016
								Const:	1,505	PS&E:	250	RTL:	8/16/2018
										RW:	30	RW Cert:	3/25/2019
										Con:	320		
								Subtotal:	1,515		850		
Total (Capital + Support):									\$2,365				
101	33.5	In and near Healdsburg, at Old Redwood Highway/Grant Undercrossing Bridge No. 20-0067L/R. Upgrade drainage elements and restore erosion and settlement damage.	1485H	2J550	0414000528	201.131	2017/18	RW:	40	PA&ED:	630	PA&ED:	9/1/2016
								Const:	3,850	PS&E:	610	RTL:	9/27/2017
										RW:	100	RW Cert:	3/25/2019
										Con:	770		
								Subtotal:	3,890		2,110		
Total (Capital + Support):									\$6,000				
101	9.0	Near Petaluma, north of Pepper Road. Repair slide.	0481B	0J100	0413000408	201.131	2017/18	RW:	100	PA&ED:	423	PA&ED:	
								Const:	694	PS&E:	102	RTL:	
										RW:	150	RW Cert:	
										Con:	207		
								Subtotal:	794		882		
Total (Capital + Support):									\$1,676				



**2016 SHOPP V3.0 Project List
Sonoma
(\$ in thousands)**

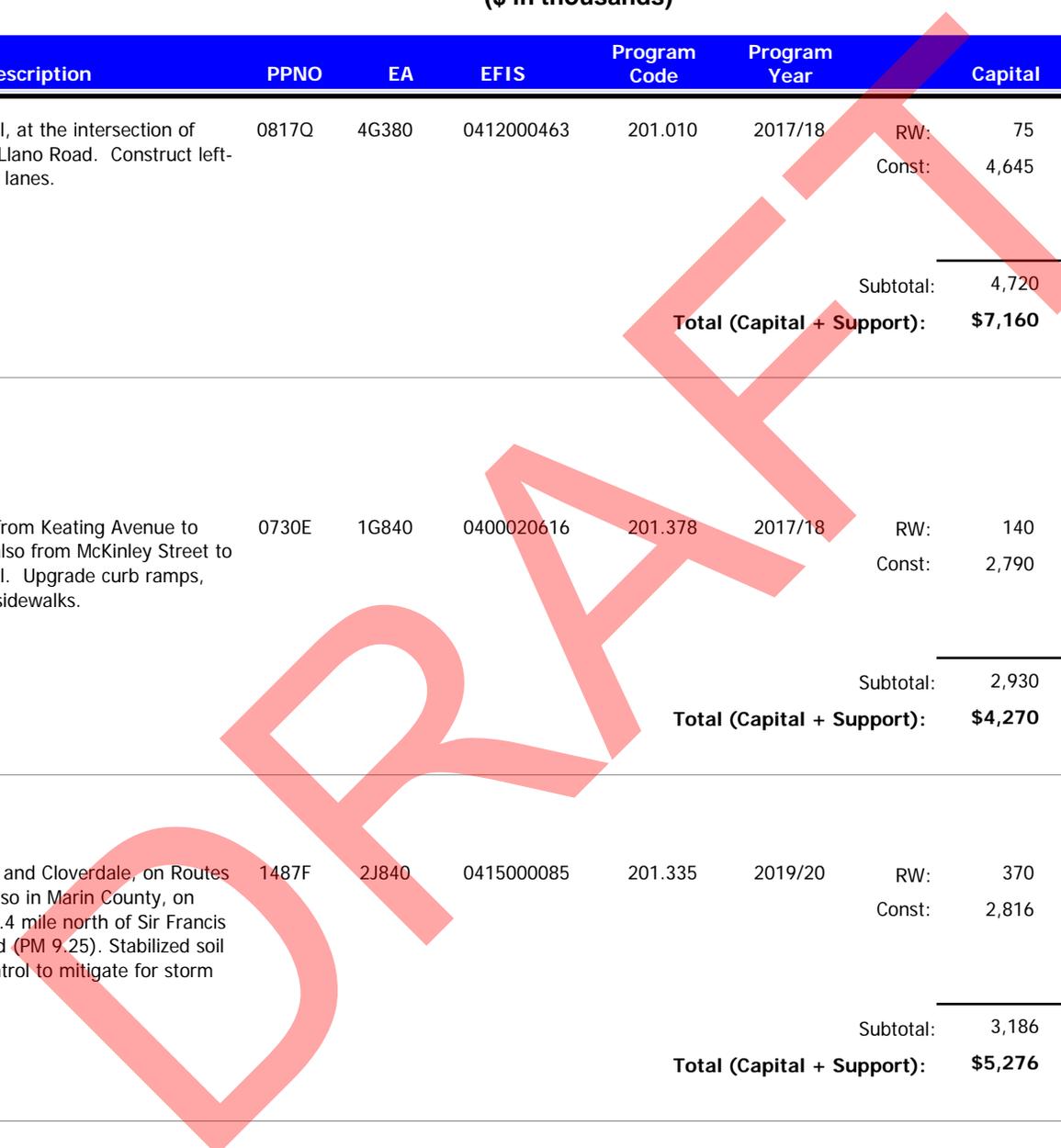


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
12	17.7/18.2	In Santa Rosa, from Farmers Lane to Brush Creek Road. Install concrete median barrier and Midwest Guardrail System.	0775F	4G220	0412000314	201.010	2016/17	RW:	55	PA&ED:	600	PA&ED:	6/1/2016
								Const:	5,415	PS&E:	800	RTL:	5/30/2017
										RW:	50	RW Cert:	5/16/2017
										Con:	1,330		
								Subtotal:	5,470		2,780		
								Total (Capital + Support):	\$8,250				
12	9.5/31.3	In various cities on Routes 12, 101, and 116 at various locations; also in Marin County on Route 101 at various locations. Construct roadway safety improvements.	0480E	0J680	0414000025	201.235	2018/19	RW:	10	PA&ED:	308	PA&ED:	6/30/2017
								Const:	2,190	PS&E:	550	RTL:	5/15/2019
										RW:	44	RW Cert:	3/20/2019
										Con:	550		
								Subtotal:	2,200		1,452		
								Total (Capital + Support):	\$3,652				
101	R33.5/R43.4	In and near Healdsburg, from Grant Avenue undercrossing to Canyon Road undercrossing at various locations. Upgrade electroliers.	0780G	4G480	0412000490	201.010	2016/17	RW:	10	PA&ED:	200	PA&ED:	8/31/2015
								Const:	1,090	PS&E:	450	RTL:	1/15/2017
										RW:	50	RW Cert:	1/15/2017
										Con:	200		
								Subtotal:	1,100		900		
								Total (Capital + Support):	\$2,000				

**2016 SHOPP V3.0 Project List
Sonoma
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
116	31.0/31.3	Near Sebastopol, at the intersection of Route 116 and Llano Road. Construct left-turn and merge lanes.	0817Q	4G380	0412000463	201.010	2017/18	RW:	75	PA&ED:	720	PA&ED:	6/1/2016
								Const:	4,645	PS&E:	720	RTL:	3/1/2018
										RW:	200	RW Cert:	2/1/2018
										Con:	800		
								Subtotal:	4,720		2,440		
Total (Capital + Support):									\$7,160				
<hr/>													
MANDATES													
116	26.6/26.9	In Sebastopol, from Keating Avenue to Willow Street; also from McKinley Street to Joe Rodora Trail. Upgrade curb ramps, driveways and sidewalks.	0730E	1G840	0400020616	201.378	2017/18	RW:	140	PA&ED:	240	PA&ED:	9/1/2015
								Const:	2,790	PS&E:	660	RTL:	6/1/2017
										RW:	140	RW Cert:	10/1/2016
										Con:	300		
								Subtotal:	2,930		1,340		
Total (Capital + Support):									\$4,270				
<hr/>													
116	8.5/10.5	Near Monte Rio and Cloverdale, on Routes 116 and 128; also in Marin County, on Route 101, at 0.4 mile north of Sir Francis Drake Boulevard (PM 9.25). Stabilized soil and erosion control to mitigate for storm water quality.	1487F	2J840	0415000085	201.335	2019/20	RW:	370	PA&ED:	685	PA&ED:	9/30/2018
								Const:	2,816	PS&E:	670	RTL:	12/30/2019
										RW:	80	RW Cert:	11/30/2019
										Con:	655		
								Subtotal:	3,186		2,090		
Total (Capital + Support):									\$5,276				



**2016 SHOPP V3.0 Project List
Sonoma
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones
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BRIDGE PRESERVATION

12	25.8/33.3	In and near Sonoma, at Sonoma Creek Bridge No. 20-0027, Stuart Creek Bridge No. 20-0025 and Hooker Creek Bridge No. 20-0030. Scour mitigation.	0269M	4H050	0413000080	201.111	2017/18	RW:	150	PA&ED:	1,000	PA&ED:	8/1/2017
								Const:	6,800	PS&E:	650	RTL:	5/1/2018
										RW:	500	RW Cert:	1/31/2018
										Con:	600		
								Subtotal:	6,950		2,750		
								Total (Capital + Support):	\$9,700				

ROADWAY PRESERVATION

12	35.1/38.9	In and near Sonoma, from Vallejo Avenue to east of Leveroni Road/Napa Road. Pavement rehabilitation.	0488K	1J360	0414000202	201.121	2019/20	RW:	5	PA&ED:	808	PA&ED:	
								Const:	6,208	PS&E:	870	RTL:	
										RW:	62	RW Cert:	
										Con:	746		
								Subtotal:	6,213		2,486		
								Total (Capital + Support):	\$8,699				



2016 SHOPP V3.0 Project List Sonoma (\$ in thousands)



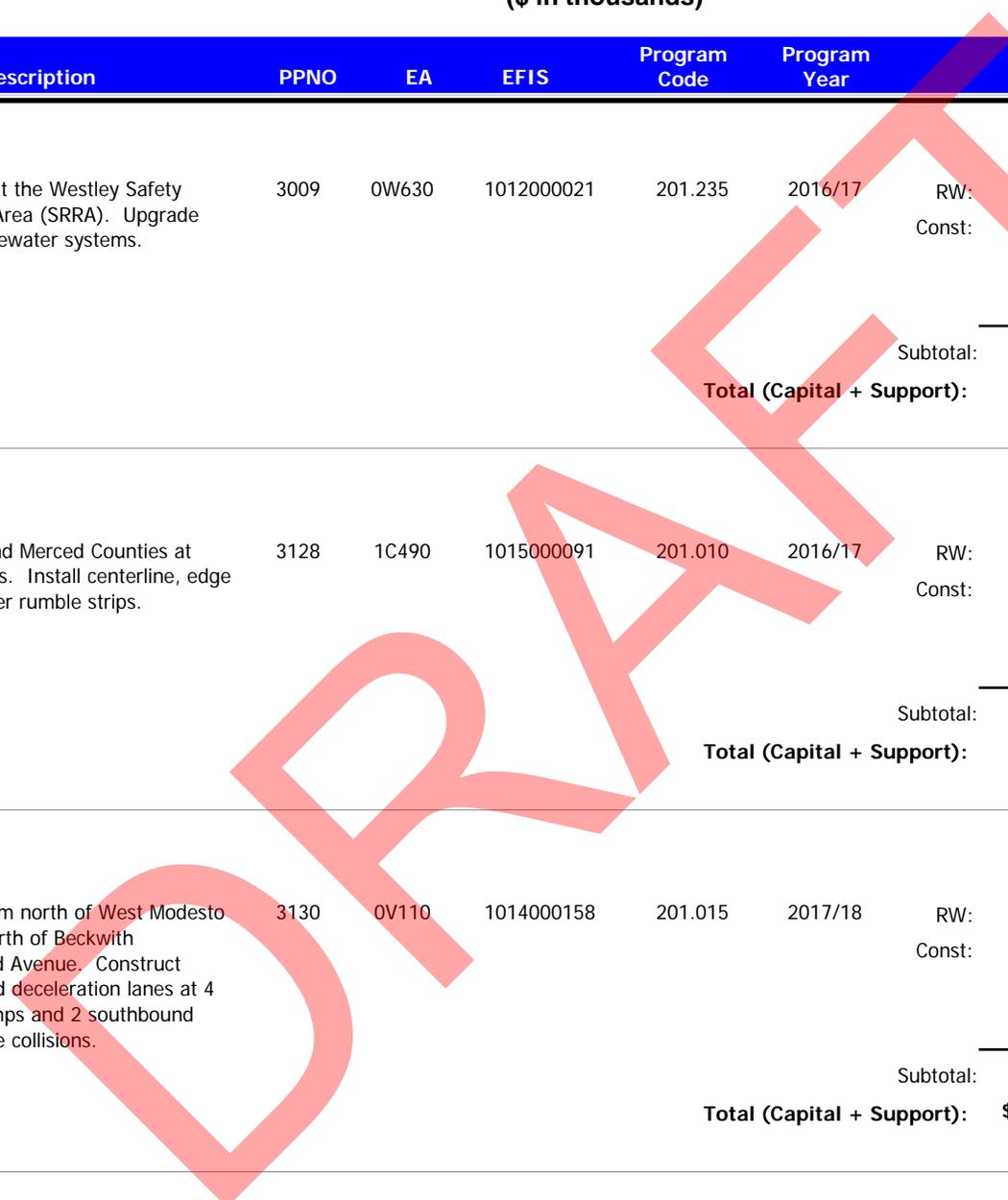
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MOBILITY													
37	2.6	Near Vallejo, at east of Route 121. Replace Weigh In Motion (WIM) systems.	0763L	1A210	0414000487	201.321	2019/20	RW:	10	PA&ED:	506	PA&ED:	4/1/2018
								Const:	2,110	PS&E:	442	RTL:	8/15/2019
										RW:	20	RW Cert:	7/15/2019
										Con:	304		
								Subtotal:	2,120		1,272		
								Total (Capital + Support):	\$3,392				
ROADSIDE PRESERVATION													
116	0.0/46.8	In various cities, from Route 1 to Route 101; also in Alameda, Marin, Napa, and Sonoma counties, on various routes, at various locations. Advance banking credits for environmental mitigation. Financial Contribution Only (FCO).	1490B	4J120	0415000260	201.240	2016/17	RW:	5,000	PA&ED:	520	PA&ED:	12/1/2016
								Const:	0	PS&E:	0	RTL:	5/30/2017
										RW:	80	RW Cert:	4/30/2017
										Con:	0		
								Subtotal:	5,000		600		
								Total (Capital + Support):	\$5,600				
										RW:	9,135	PA&ED:	14,450
										Const:	67,163	PS&E:	9,754
												RW:	2,116
												Con:	10,892
								Subtotal:	76,298		37,212		
Sonoma County Total (Capital + Support):									\$113,510				



**2016 SHOPP V3.0 Project List
Stanislaus
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones	
<u>COLLISION REDUCTION</u>												
5	27.0/27.5	Near Westley, at the Westley Safety Roadside Rest Area (SRRA). Upgrade water and wastewater systems.	3009	0W630	1012000021	201.235	2016/17	RW: 0 Const: 2,387	PA&ED: 124 PS&E: 592 RW: 0 Con: 728	PA&ED: 6/30/2015 RTL: 2/1/2017 RW Cert: 12/1/2016		
								Subtotal:	2,387	1,444		
								Total (Capital + Support):	\$3,831			
33	1.4/27.1	In Stanislaus and Merced Counties at various locations. Install centerline, edge line and shoulder rumble strips.	3128	1C490	1015000091	201.010	2016/17	RW: 0 Const: 1,776	PA&ED: 184 PS&E: 206 RW: 0 Con: 340	PA&ED: 12/29/2015 RTL: 7/5/2016 RW Cert: 4/28/2016		
								Subtotal:	1,776	730		
								Total (Capital + Support):	\$2,506			
99	R18.1/R20.9	In Modesto, from north of West Modesto Overhead to north of Beckwith Road/Standiford Avenue. Construct acceleration and deceleration lanes at 4 northbound ramps and 2 southbound ramps to reduce collisions.	3130	0V110	1014000158	201.015	2017/18	RW: 17 Const: 7,407	PA&ED: 685 PS&E: 1,041 RW: 31 Con: 1,378	PA&ED: 8/18/2017 RTL: 4/23/2018 RW Cert: 3/9/2018		
								Subtotal:	7,424	3,135		
								Total (Capital + Support):	\$10,559			



2016 SHOPP V3.0 Project List Stanislaus (\$ in thousands)



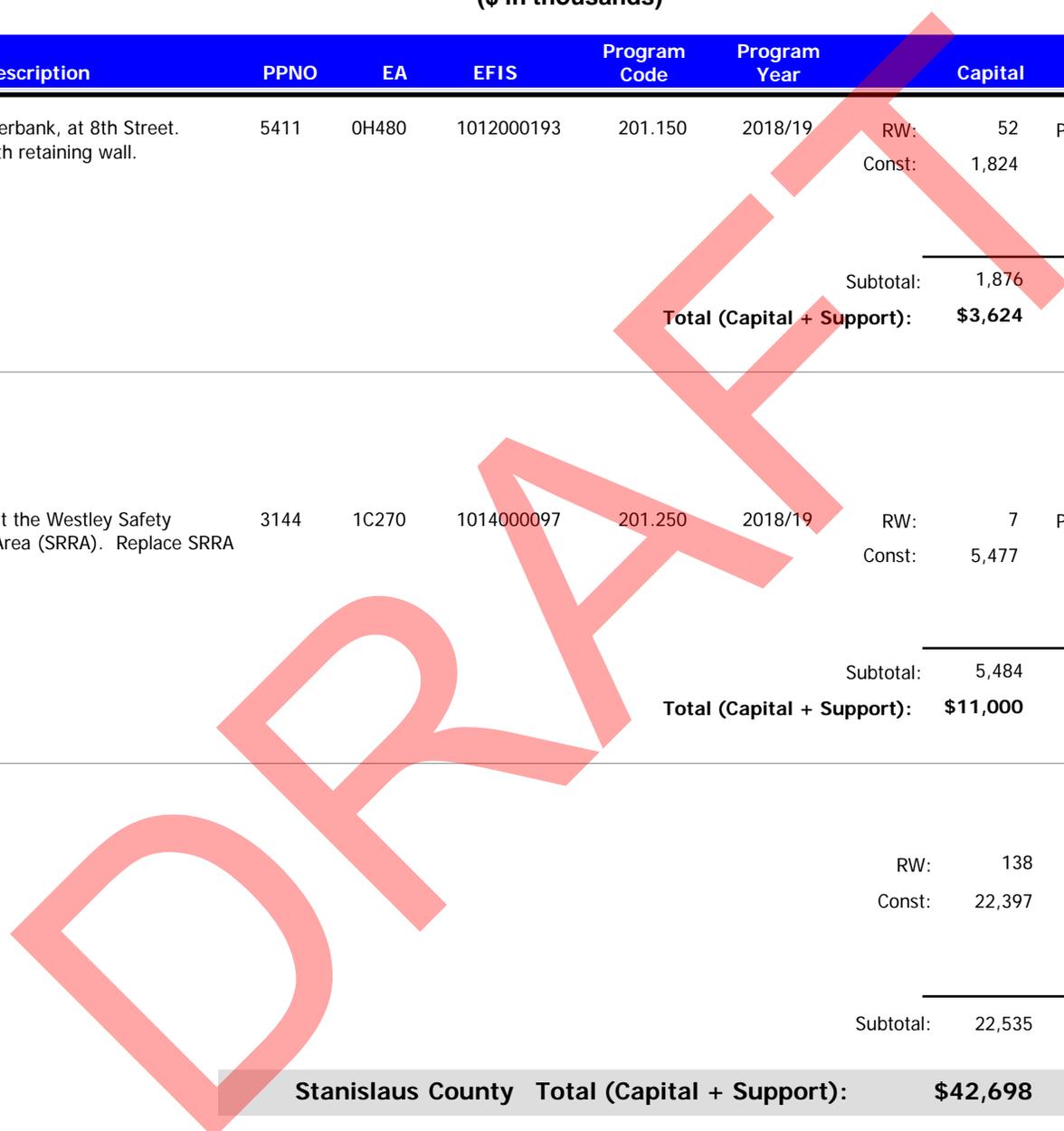
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MANDATES													
99	R16.5/R16.7	In Modesto, from 0.1 mile south of Kansas Avenue and 0.4 mile north of Route 132 separation; also, on adopted Route 132 alignment right-of-way from 0.2 mile west of Emerald Avenue and 0.3 mile east of Emerald Aveue (PM 13.7/14.3). Hazardous waste mitigation.	3125	1E700	1015000115	201.330	2018/19	RW:	27	PA&ED:	813	PA&ED:	2/15/2018
								Const:	2,400	PS&E:	916	RTL:	5/13/2019
										RW:	18	RW Cert:	4/17/2019
										Con:	900		
								Subtotal:	2,427		2,647		
								Total (Capital + Support):	\$5,074				
<hr/>													
108		Near Modesto and Riverbank, on Routes 108 and 132 at various locations. Upgrade curb ramps, sidewalk and crosswalks.	3010	0W900	1012000082	201.378	2017/18	RW:	32	PA&ED:	609	PA&ED:	9/15/2015
								Const:	1,126	PS&E:	931	RTL:	1/22/2018
										RW:	310	RW Cert:	1/15/2018
										Con:	610		
								Subtotal:	1,158		2,460		
								Total (Capital + Support):	\$3,618				
<hr/>													
ROADWAY PRESERVATION													
99	R0.0/R24.8	Near Turlock and Modesto, from the Merced County line to the San Joaquin County line. Rehabilitate pavement. (G13 Contingency Project)	3088	1C290	1014000108	201.121	2017/18	RW:	3	PA&ED:	765	PA&ED:	10/3/2016
								Const:	0	PS&E:	1,710	RTL:	2/1/2018
										RW:	8	RW Cert:	1/2/2018
										Con:	0		
								Subtotal:	3		2,483		
								Total (Capital + Support):	\$2,486				



**2016 SHOPP V3.0 Project List
Stanislaus
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
108	33.2	In and near Riverbank, at 8th Street. Repair slope with retaining wall.	5411	0H480	1012000193	201.150	2018/19	RW:	52	PA&ED:	0	PA&ED:	7/8/2015
								Const:	1,824	PS&E:	1,019	RTL:	7/3/2018
										RW:	98	RW Cert:	5/30/2018
										Con:	631		
								Subtotal:	1,876		1,748		
Total (Capital + Support):								\$3,624					
<hr/>													
ROADSIDE PRESERVATION													
5	27.0/27.5	Near Westley, at the Westley Safety Roadside Rest Area (SRRRA). Replace SRRRA buildings.	3144	1C270	1014000097	201.250	2018/19	RW:	7	PA&ED:	381	PA&ED:	3/1/2017
								Const:	5,477	PS&E:	2,254	RTL:	8/1/2018
										RW:	10	RW Cert:	7/2/2018
										Con:	2,871		
								Subtotal:	5,484		5,516		
Total (Capital + Support):								\$11,000					
<hr/>													
								RW:	138	PA&ED:	3,561		
								Const:	22,397	PS&E:	8,669		
										RW:	475		
										Con:	7,458		
								Subtotal:	22,535		20,163		
Stanislaus County Total (Capital + Support):								\$42,698					



2016 SHOPP V3.0 Project List Sutter (\$ in thousands)



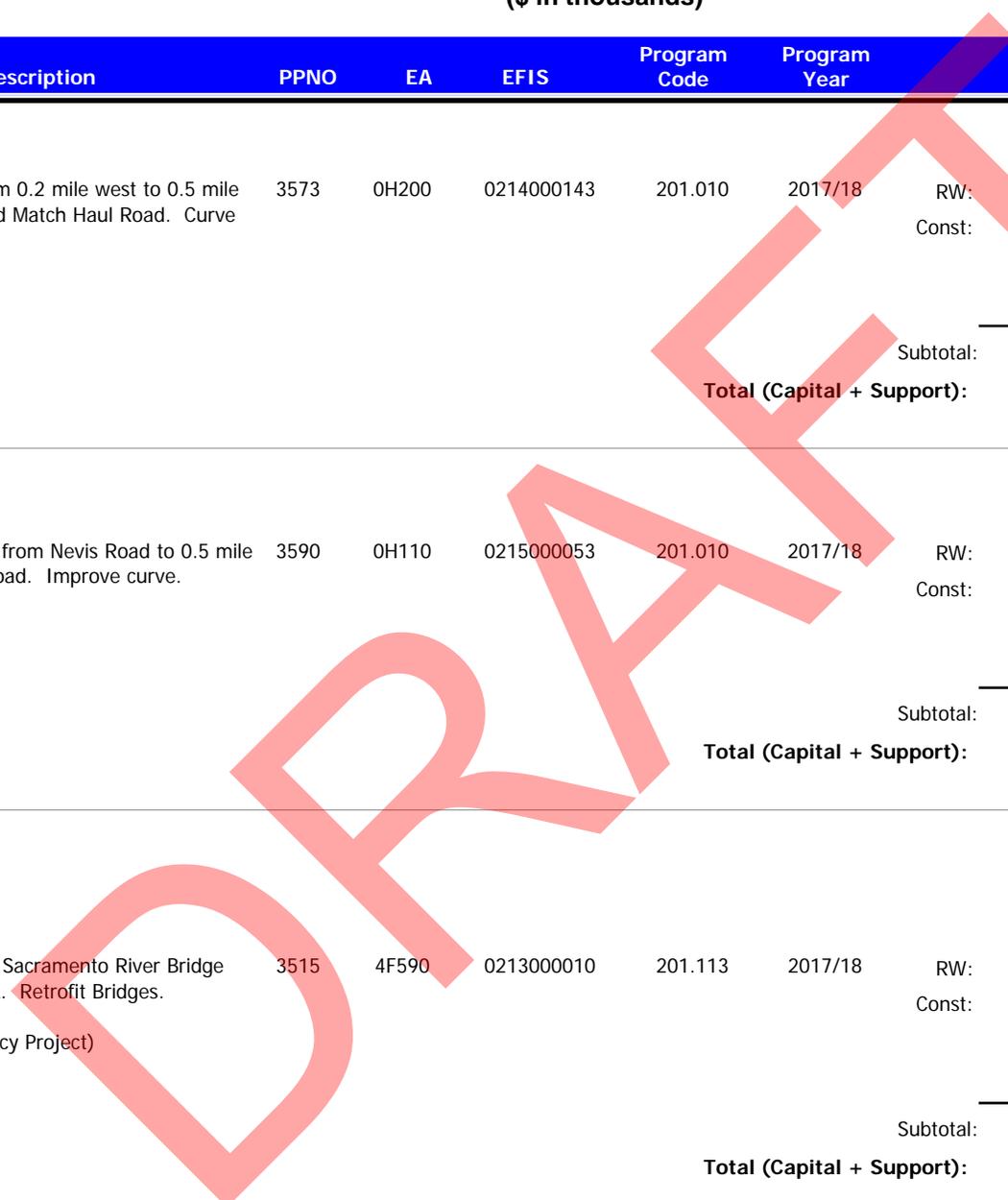
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
20	17.0	Near Yuba City, at the Feather River Bridge No. 18-009. Scour mitigation.	8140	3F560	0313000033	201.111	2017/18	RW:	1,200	PA&ED:	510	PA&ED:	7/15/2016
								Const:	7,500	PS&E:	800	RTL:	2/1/2018
										RW:	100	RW Cert:	1/15/2018
										Con:	1,100		
								Subtotal:	8,700		2,510		
								Total (Capital + Support):	\$11,210				
ROADWAY PRESERVATION													
20	5.0/11.3	Near Yuba City, from Sutter Bypass to Lytle Road. Rehabilitate roadway.	8132	1A920	0300020608	201.120	2017/18	RW:	650	PA&ED:	850	PA&ED:	7/1/2016
								Const:	19,710	PS&E:	1,809	RTL:	3/1/2018
										RW:	251	RW Cert:	2/15/2018
										Con:	2,771		
								Subtotal:	20,360		5,681		
								Total (Capital + Support):	\$26,041				
										RW:	1,850	PA&ED:	1,360
										Const:	27,210	PS&E:	2,609
												RW:	351
												Con:	3,871
								Subtotal:	29,060		8,191		
Sutter County Total (Capital + Support):									\$37,251				



**2016 SHOPP V3.0 Project List
Tehama
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
32	8.6/9.3	Near Chico, from 0.2 mile west to 0.5 mile east of Diamond Match Haul Road. Curve improvement.	3573	0H200	0214000143	201.010	2017/18	RW:	65	PA&ED:	281	PA&ED:	3/31/2016
								Const:	2,735	PS&E:	283	RTL:	8/31/2017
										RW:	178	RW Cert:	3/31/2017
										Con:	296		
								Subtotal:	2,800		1,038		
								Total (Capital + Support):	\$3,838				
<hr/>													
36	36.4/36.8	Near Red Bluff, from Nevis Road to 0.5 mile east of Nevis Road. Improve curve.	3590	0H110	0215000053	201.010	2017/18	RW:	75	PA&ED:	579	PA&ED:	11/1/2016
								Const:	1,426	PS&E:	574	RTL:	11/15/2017
										RW:	150	RW Cert:	10/16/2017
										Con:	604		
								Subtotal:	1,501		1,907		
								Total (Capital + Support):	\$3,408				
<hr/>													
<u>BRIDGE PRESERVATION</u>													
5	R25.4	In Red Bluff, at Sacramento River Bridge No. 08-0095R/L. Retrofit Bridges. (G13 Contingency Project)	3515	4F590	0213000010	201.113	2017/18	RW:	56	PA&ED:	900	PA&ED:	7/17/2018
								Const:	0	PS&E:	1,200	RTL:	12/25/2019
										RW:	280	RW Cert:	11/24/2019
										Con:	0		
								Subtotal:	56		2,380		
								Total (Capital + Support):	\$2,436				



**2016 SHOPP V3.0 Project List
Tehama
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
VAR		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.	3549	4G530	0214000023	201.119	2019/20	RW:	147	PA&ED:	780	PA&ED:	2/18/2019
								Const:	1,400	PS&E:	720	RTL:	3/30/2020
										RW:	50	RW Cert:	2/28/2020
										Con:	600		
								Subtotal:	1,547		2,150		
								Total (Capital + Support):	\$3,697				
ROADWAY PRESERVATION													
36	40.3/42.1	In Red Bluff, from east of Baker Road to east of East Sand Slough Bridge. Pavement rehabilitation.	3558	4G540	0214000024	201.121	2019/20	RW:	57	PA&ED:	460	PA&ED:	1/16/2018
								Const:	6,600	PS&E:	490	RTL:	8/16/2019
										RW:	240	RW Cert:	7/17/2019
										Con:	1,020		
								Subtotal:	6,657		2,210		
								Total (Capital + Support):	\$8,867				
36	42.1/46.0	In and near Red Bluff, from East Sand Slough Bridge to east of Stice Road. Rehabilitate pavement.	3453	3E720	0200020154	201.121	2016/17	RW:	97	PA&ED:	260	PA&ED:	11/16/2015
								Const:	5,300	PS&E:	380	RTL:	12/1/2016
										RW:	240	RW Cert:	11/3/2016
										Con:	540		
								Subtotal:	5,397		1,420		
								Total (Capital + Support):	\$6,817				



**2016 SHOPP V3.0 Project List
Tehama
(\$ in thousands)**



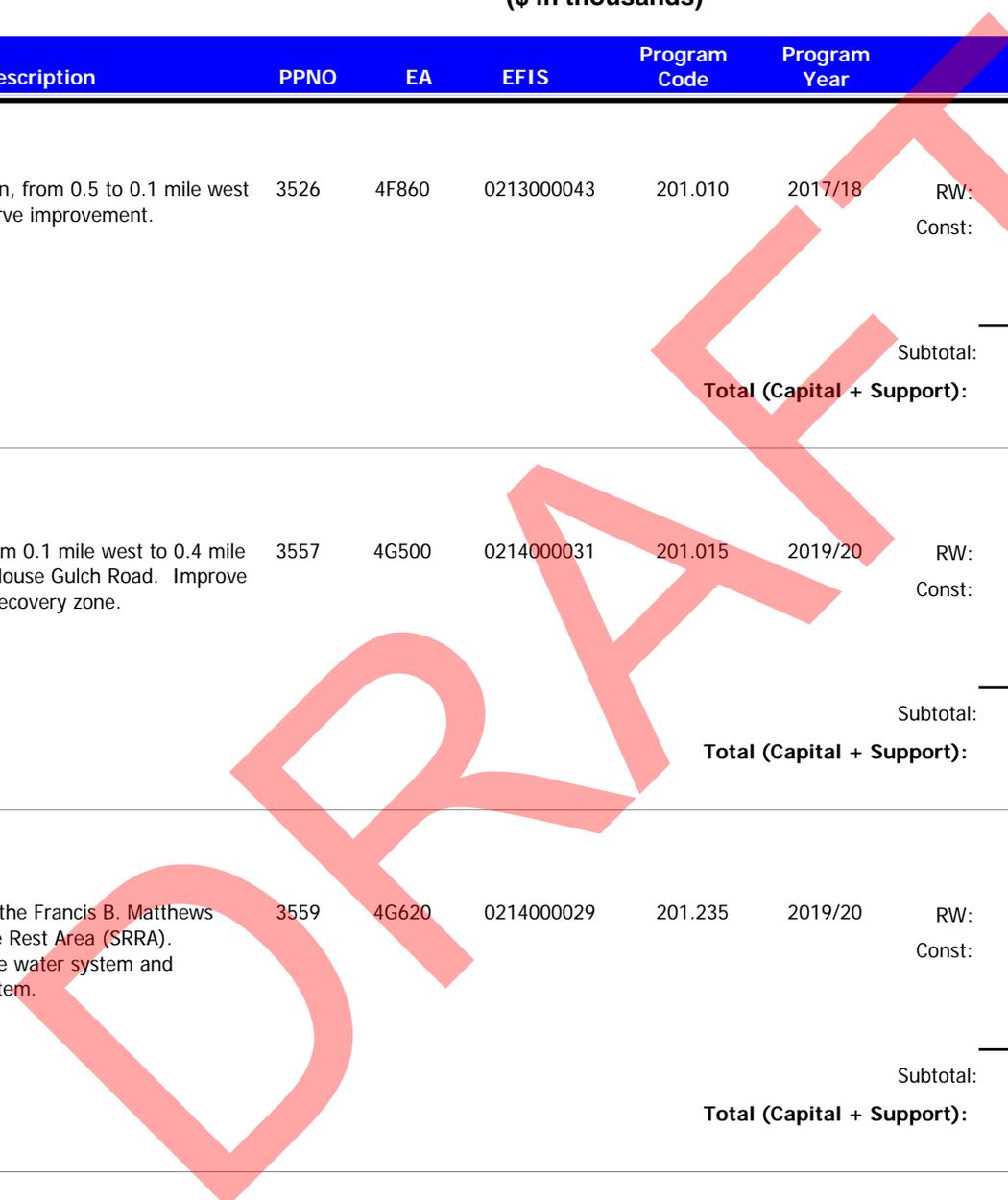
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
								RW: 497	PA&ED: 3,260	
								Const: 17,461	PS&E: 3,647	
									RW: 1,138	
									Con: 3,060	
								<hr/>		
								Subtotal: 17,958	11,105	
Tehama County Total (Capital + Support):								\$29,063		

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**2016 SHOPP V3.0 Project List
Trinity
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
36	26.8/27.1	Near Forest Glen, from 0.5 to 0.1 mile west of Route 3. Curve improvement.	3526	4F860	0213000043	201.010	2017/18	RW:	231	PA&ED:	970	PA&ED:	11/1/2016
								Const:	4,727	PS&E:	1,150	RTL:	2/13/2018
										RW:	250	RW Cert:	1/29/2018
										Con:	1,750		
								Subtotal:	4,958		4,120		
								Total (Capital + Support):	\$9,078				
299	1.9/2.1	Near Salyer, from 0.1 mile west to 0.4 mile west of White House Gulch Road. Improve roadside clear recovery zone.	3557	4G500	0214000031	201.015	2019/20	RW:	7	PA&ED:	550	PA&ED:	4/23/2018
								Const:	2,732	PS&E:	1,220	RTL:	9/4/2019
										RW:	70	RW Cert:	7/29/2019
										Con:	1,540		
								Subtotal:	2,739		3,380		
								Total (Capital + Support):	\$6,119				
299	3.6	Near Salyer, at the Francis B. Matthews Safety Roadside Rest Area (SRRA). Upgrade potable water system and wastewater system.	3559	4G620	0214000029	201.235	2019/20	RW:	0	PA&ED:	470	PA&ED:	8/16/2018
								Const:	2,300	PS&E:	860	RTL:	8/15/2019
										RW:	50	RW Cert:	7/1/2019
										Con:	590		
								Subtotal:	2,300		1,970		
								Total (Capital + Support):	\$4,270				



2016 SHOPP V3.0 Project List Trinity (\$ in thousands)



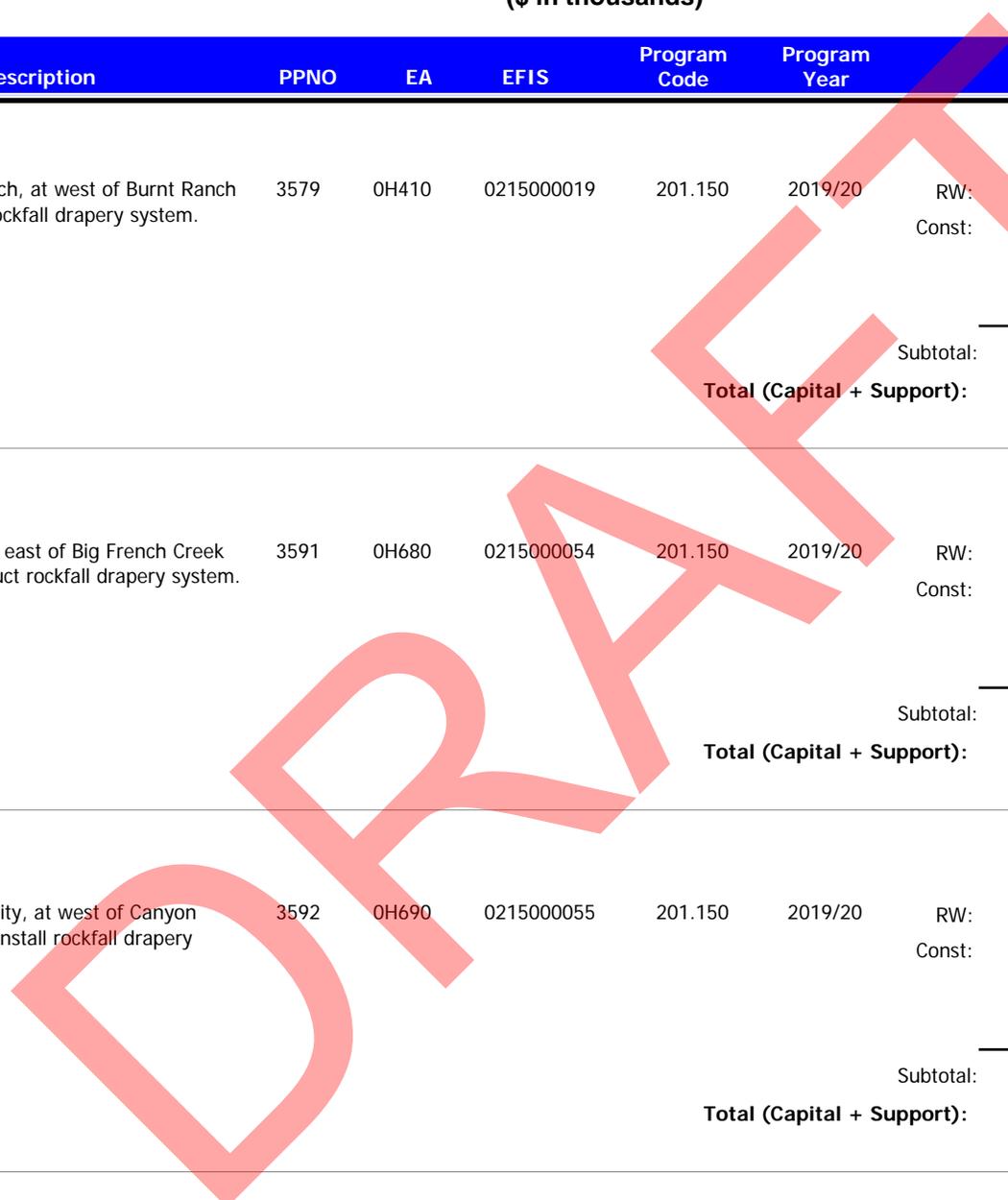
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MANDATES													
3	30.9/40.2	In and near Weaverville, from Route 299 to 0.8 mile north of Rush Creek Campground Road. Storm water improvements.	3536	4G250	0213000094	201.335	2017/18	RW:	126	PA&ED:	580	PA&ED:	7/15/2016
								Const:	1,800	PS&E:	420	RTL:	9/15/2017
										RW:	110	RW Cert:	8/10/2017
										Con:	788		
								Subtotal:	1,926		1,898		
								Total (Capital + Support):	\$3,824				
BRIDGE PRESERVATION													
3	58.7/61.9	Near Trinity Center, from north of Preacher Meadows Road to north of El Dorado Way. Replace Swift Creek Bridge No. 05-0059.	3485	4F220	0212000073	201.110	2019/20	RW:	820	PA&ED:	930	PA&ED:	1/16/2019
								Const:	7,200	PS&E:	1,680	RTL:	5/21/2020
										RW:	100	RW Cert:	4/16/2020
										Con:	2,090		
								Subtotal:	8,020		4,800		
								Total (Capital + Support):	\$12,820				
299	VAR	In Trinity County on Routes 299 and 36 and in Siskiyou County on Route 96 at various locations. Bridge preventative maintenance at 9 bridges.	3516	4F600	0213000012	201.119	2019/20	RW:	22	PA&ED:	950	PA&ED:	9/28/2018
								Const:	6,771	PS&E:	1,400	RTL:	9/13/2019
										RW:	150	RW Cert:	9/6/2019
										Con:	1,910		
								Subtotal:	6,793		4,410		
								Total (Capital + Support):	\$11,203				



**2016 SHOPP V3.0 Project List
Trinity
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
299	11.1/11.3	Near Burnt Ranch, at west of Burnt Ranch Road. Install rockfall drapery system.	3579	0H410	0215000019	201.150	2019/20	RW:	0	PA&ED:	200	PA&ED:	7/24/2018
								Const:	2,079	PS&E:	470	RTL:	10/11/2019
										RW:	50	RW Cert:	9/4/2019
										Con:	500		
								Subtotal:	2,079		1,220		
								Total (Capital + Support):	\$3,299				
299	23.1/23.3	Near Del Loma, east of Big French Creek Bridge. Construct rockfall drapery system.	3591	0H680	0215000054	201.150	2019/20	RW:	0	PA&ED:	120	PA&ED:	7/24/2018
								Const:	1,188	PS&E:	270	RTL:	10/11/2019
										RW:	50	RW Cert:	9/4/2019
										Con:	350		
								Subtotal:	1,188		790		
								Total (Capital + Support):	\$1,978				
299	43.1/43.3	Near Junction City, at west of Canyon Creek Bridge. Install rockfall drapery system	3592	0H690	0215000055	201.150	2019/20	RW:	15	PA&ED:	330	PA&ED:	7/24/2018
								Const:	2,495	PS&E:	580	RTL:	10/11/2019
										RW:	200	RW Cert:	9/4/2019
										Con:	630		
								Subtotal:	2,510		1,740		
								Total (Capital + Support):	\$4,250				



**2016 SHOPP V3.0 Project List
Trinity
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
								RW: 1,221	PA&ED: 5,100	
								Const: 31,292	PS&E: 8,050	
									RW: 1,030	
									Con: 10,148	
								<hr/>		
								Subtotal: 32,513	24,328	
Trinity County Total (Capital + Support):								\$56,841		

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**2016 SHOPP V3.0 Project List
Tulare
(\$ in thousands)**

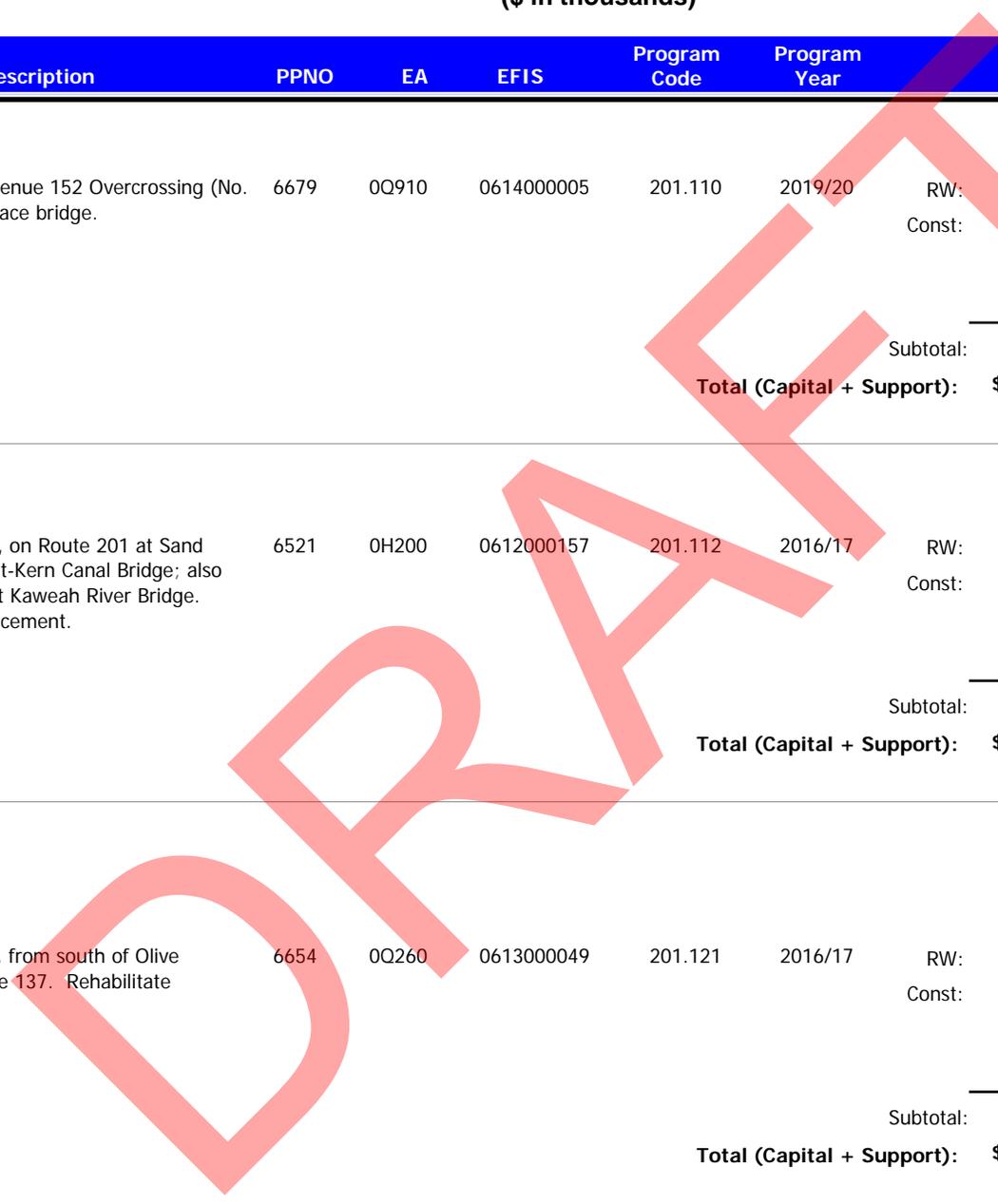


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
99	28.9/31.0	In Tulare, from north of Bardsley Avenue to north of Prosperity Avenue. Roadside safety improvements.	6700	OR170	0614000051	201.235	2018/19	RW:	0	PA&ED:	255	PA&ED:	9/1/2017
								Const:	2,700	PS&E:	624	RTL:	3/1/2019
										RW:	24	RW Cert:	12/31/1899
										Con:	430		
								Subtotal:	2,700		1,333		
								Total (Capital + Support):	\$4,033				
190	R15.1/16.9	Near Porterville, from west of Route 65 to S. Plano Road. Construct concrete median barrier.	3032	OS310	0614000105	201.010	2017/18	RW:	4	PA&ED:	450	PA&ED:	7/1/2016
								Const:	4,750	PS&E:	1,200	RTL:	9/1/2017
										RW:	14	RW Cert:	8/1/2017
										Con:	605		
								Subtotal:	4,754		2,269		
								Total (Capital + Support):	\$7,023				
198	R4.2/R4.9	In Visalia, from 0.7 mile west of Road 80 to Road 80; also from Akers Street to 0.2 mile east of County Center Drive (PM 6.8/R8.3). Construct median barrier	6713	OR050	0614000001	201.010	2016/17	RW:	41	PA&ED:	240	PA&ED:	6/30/2015
								Const:	2,630	PS&E:	680	RTL:	7/15/2016
										RW:	14	RW Cert:	7/7/2016
										Con:	662		
								Subtotal:	2,671		1,596		
								Total (Capital + Support):	\$4,267				

**2016 SHOPP V3.0 Project List
Tulare
(\$ in thousands)**



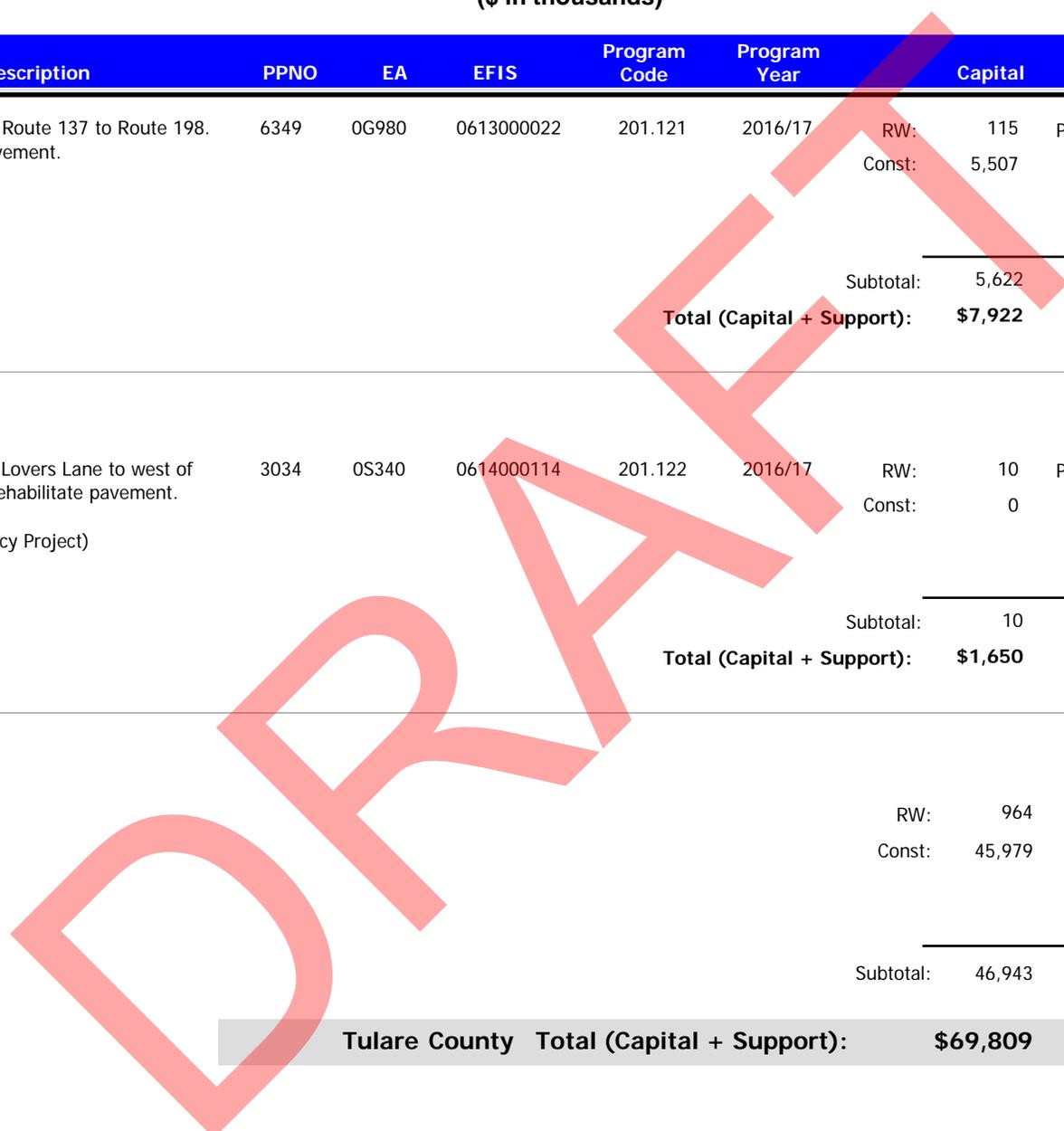
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
BRIDGE PRESERVATION													
99	19.4	In Tipton, at Avenue 152 Overcrossing (No. 46-0191). Replace bridge.	6679	0Q910	0614000005	201.110	2019/20	RW:	343	PA&ED:	453	PA&ED:	12/1/2017
								Const:	7,521	PS&E:	1,730	RTL:	3/1/2020
										RW:	54	RW Cert:	2/1/2020
										Con:	1,354		
								Subtotal:	7,864		3,591		
								Total (Capital + Support):	\$11,455				
<hr/>													
201		Near Kingsburg, on Route 201 at Sand Creek and Friant-Kern Canal Bridge; also on Route 216 at Kaweah River Bridge. Bridge rail replacement.	6521	0H200	0612000157	201.112	2016/17	RW:	450	PA&ED:	1,728	PA&ED:	4/20/2015
								Const:	9,371	PS&E:	2,905	RTL:	1/15/2017
										RW:	617	RW Cert:	1/2/2017
										Con:	2,357		
								Subtotal:	9,821		7,607		
								Total (Capital + Support):	\$17,428				
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ROADWAY PRESERVATION													
65	18.8/31.5	Near Porterville, from south of Olive Avenue to Route 137. Rehabilitate pavement.	6654	0Q260	0613000049	201.121	2016/17	RW:	1	PA&ED:	0	PA&ED:	6/27/2013
								Const:	13,500	PS&E:	1,300	RTL:	12/15/2016
										RW:	30	RW Cert:	12/1/2016
										Con:	1,200		
								Subtotal:	13,501		2,530		
								Total (Capital + Support):	\$16,031				



2016 SHOPP V3.0 Project List Tulare (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones			
65	31.6/39.6	In Exeter, from Route 137 to Route 198. Rehabilitate pavement.	6349	OG980	0613000022	201.121	2016/17	RW:	115	PA&ED:	0	PA&ED:	10/1/2007
								Const:	5,507	PS&E:	1,326	RTL:	4/1/2017
										RW:	254	RW Cert:	3/15/2017
										Con:	720		
								Subtotal:	5,622		2,300		
Total (Capital + Support):								\$7,922					
198	R11.7/R19.8	In Visalia, from Lovers Lane to west of Route 245. Rehabilitate pavement. (G13 Contingency Project)	3034	OS340	0614000114	201.122	2016/17	RW:	10	PA&ED:	545	PA&ED:	11/13/2015
								Const:	0	PS&E:	1,040	RTL:	10/1/2016
										RW:	55	RW Cert:	12/1/2016
										Con:	0		
								Subtotal:	10		1,640		
Total (Capital + Support):								\$1,650					
								RW:	964	PA&ED:	3,671		
								Const:	45,979	PS&E:	10,805		
										RW:	1,062		
										Con:	7,328		
								Subtotal:	46,943		22,866		
Tulare County Total (Capital + Support):								\$69,809					



2016 SHOPP V3.0 Project List Tuolumne (\$ in thousands)



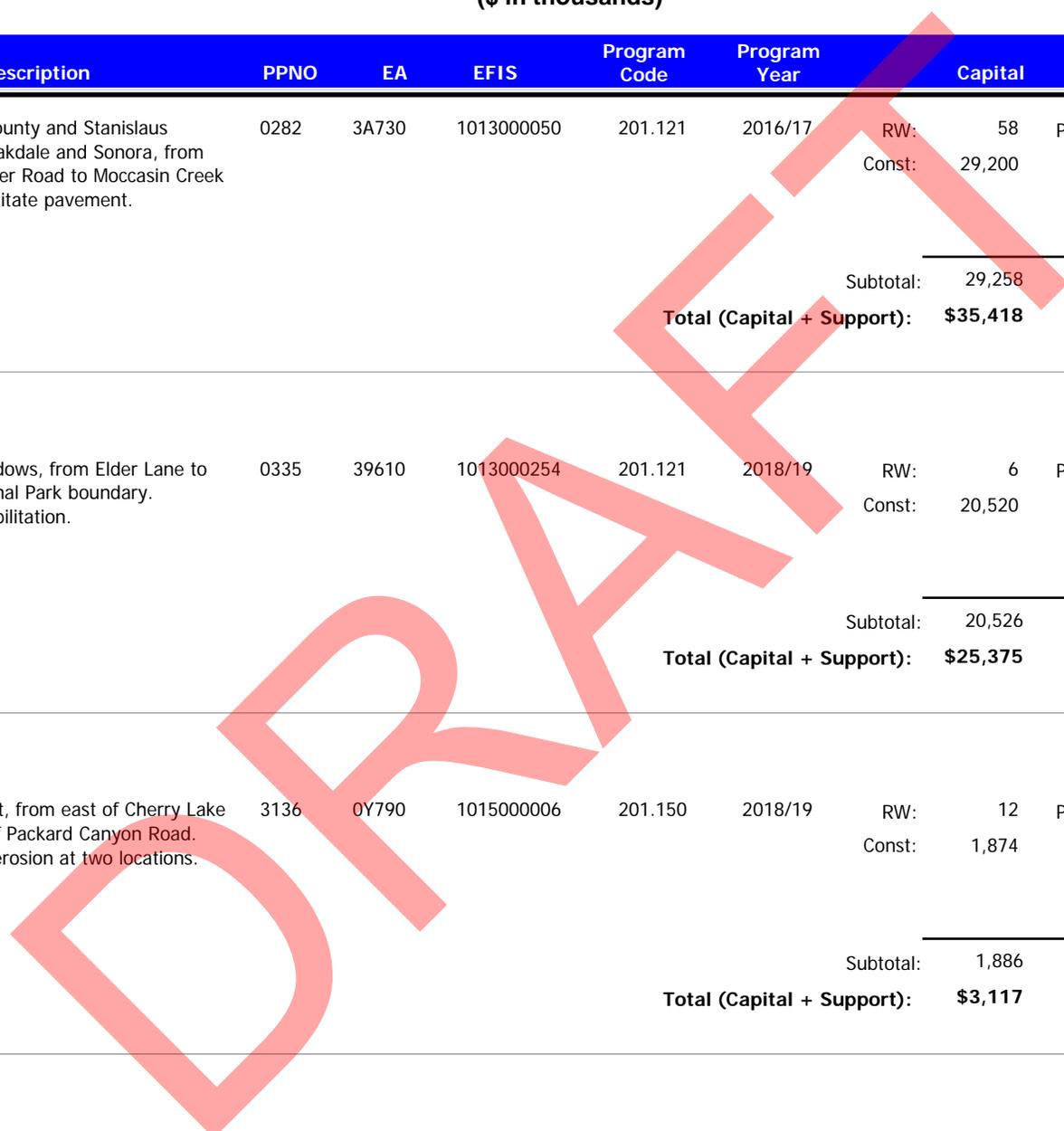
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
108	L0.0/L0.3	Near Yosemite Junction and Jamestown, from Route 120 to 0.3 mile east of Route 120; also on Route 120 from 0.5 mile east of Obyrnes Ferry Road to 0.1 mile south of Route 108 (PM 11.9/12.2). Upgrade stop-controlled intersection.	3114	1C540	1015000029	201.010	2017/18	RW:	113	PA&ED:	629	PA&ED:	4/5/2017
								Const:	4,090	PS&E:	832	RTL:	6/29/2018
										RW:	177	RW Cert:	6/11/2018
										Con:	831		
								Subtotal:	4,203		2,469		
								Total (Capital + Support):	\$6,672				
<u>ROADWAY PRESERVATION</u>													
108	26.4/34.4	Near Strawberry, from west of Lassen Drive to west of Beardsley Reservoir Road. Rockfall mitigation at 7 locations.	3137	0Y800	1015000007	201.150	2018/19	RW:	17	PA&ED:	460	PA&ED:	11/1/2017
								Const:	2,628	PS&E:	625	RTL:	1/15/2019
										RW:	10	RW Cert:	12/1/2018
										Con:	235		
								Subtotal:	2,645		1,330		
								Total (Capital + Support):	\$3,975				
108	R16.1/R18.1	Near Long Barn, from Lyons Dam Road to west of Long Barn Connection. Rehabilitate pavement.	0126	40160	1013000049	201.121	2017/18	RW:	0	PA&ED:	0	PA&ED:	8/14/2013
								Const:	2,046	PS&E:	434	RTL:	3/10/2017
										RW:	11	RW Cert:	9/12/2016
										Con:	61		
								Subtotal:	2,046		506		
								Total (Capital + Support):	\$2,552				



2016 SHOPP V3.0 Project List Tuolumne (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
120	11.2/18.2	In Tuolumne County and Stanislaus County, near Oakdale and Sonora, from west of Lancaster Road to Moccasin Creek Bridge. Rehabilitate pavement.	0282	3A730	1013000050	201.121	2016/17	RW:	58	PA&ED:	1,680	PA&ED:	11/2/2015
								Const:	29,200	PS&E:	2,520	RTL:	10/17/2016
										RW:	280	RW Cert:	10/6/2016
										Con:	1,680		
								Subtotal:	29,258		6,160		
Total (Capital + Support):									\$35,418				
120	32.7/R56.5	Near Buck Meadows, from Elder Lane to Yosemite National Park boundary. Pavement rehabilitation.	0335	39610	1013000254	201.121	2018/19	RW:	6	PA&ED:	931	PA&ED:	3/3/2018
								Const:	20,520	PS&E:	1,070	RTL:	12/7/2018
										RW:	55	RW Cert:	11/7/2018
										Con:	2,793		
								Subtotal:	20,526		4,849		
Total (Capital + Support):									\$25,375				
120	48.8/R50.5	Near Haden Flat, from east of Cherry Lake Road to west of Packard Canyon Road. Stabilize slope erosion at two locations.	3136	0Y790	1015000006	201.150	2018/19	RW:	12	PA&ED:	327	PA&ED:	1/30/2018
								Const:	1,874	PS&E:	493	RTL:	1/15/2019
										RW:	48	RW Cert:	12/1/2018
										Con:	363		
								Subtotal:	1,886		1,231		
Total (Capital + Support):									\$3,117				



**2016 SHOPP V3.0 Project List
Tuolumne
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones
								RW: 206	PA&ED: 4,027	
								Const: 60,358	PS&E: 5,974	
									RW: 581	
									Con: 5,963	
								<hr/>		
								Subtotal: 60,564		16,545
Tuolumne County Total (Capital + Support):								\$77,109		

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2016 SHOPP V3.0 Project List Ventura (\$ in thousands)



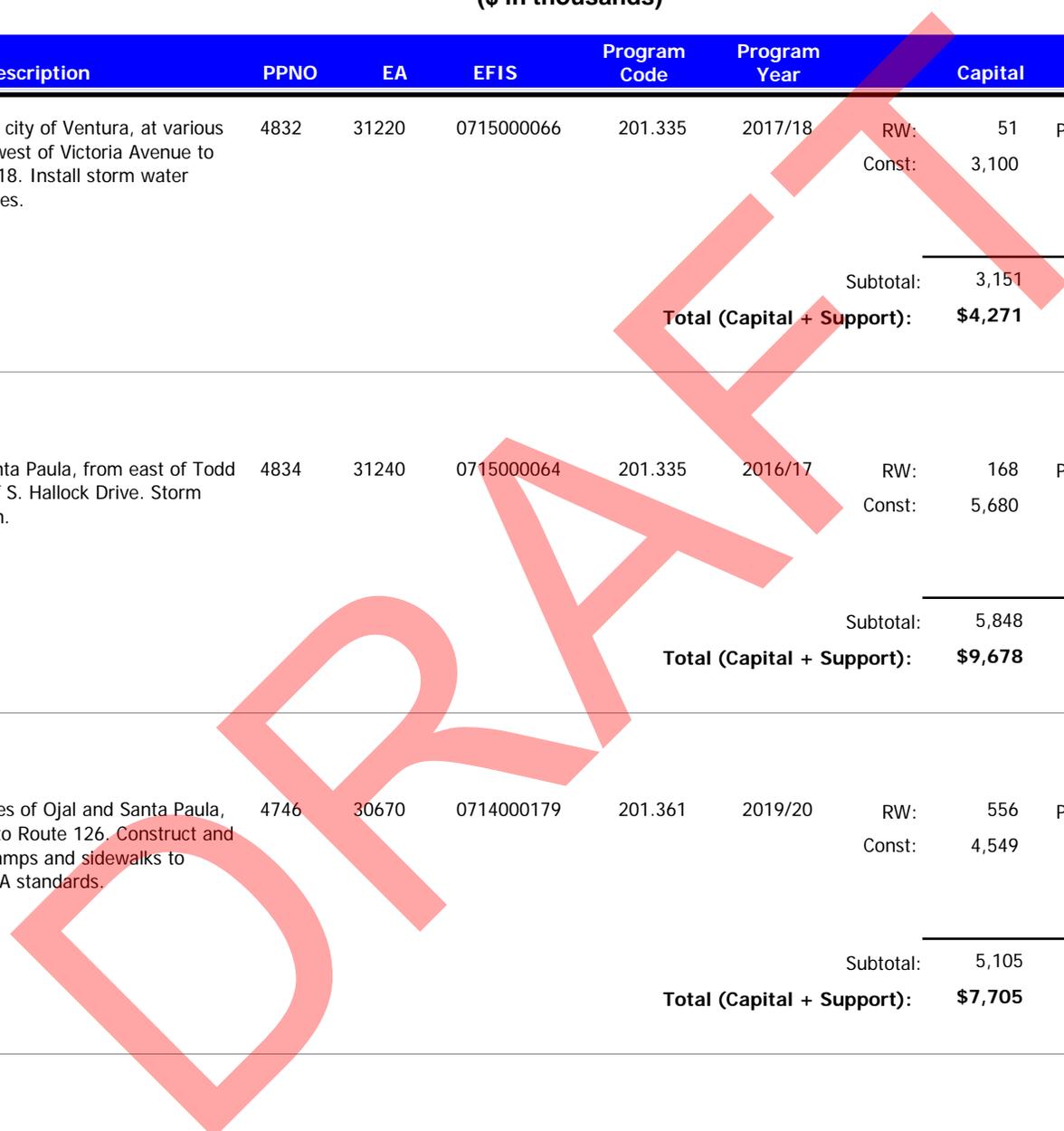
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
101	30.2/31.4	In the city of Ventura, at the Route 33 interchange. Enhance highway worker safety by miscellaneous paving, replacing crash cushions, and other measures.	4710	29540	0713000018	201.235	2017/18	RW:	0	PA&ED:	115	PA&ED:	6/30/2016
								Const:	1,931	PS&E:	309	RTL:	3/30/2018
										RW:	0	RW Cert:	1/8/2018
										Con:	445		
								Subtotal:	1,931		869		
								Total (Capital + Support):	\$2,800				
<u>MANDATES</u>													
101	27.5/31.0	In the city of Ventura, from south of Seaward Avenue to Ventura River. Stabilize soil and erosion control.	4813	31130	0715000009	201.335	2018/19	RW:	0	PA&ED:	95	PA&ED:	3/30/2017
								Const:	1,823	PS&E:	270	RTL:	12/14/2018
										RW:	8	RW Cert:	11/16/2018
										Con:	325		
								Subtotal:	1,823		698		
								Total (Capital + Support):	\$2,521				
101	29.8	In the city of Ventura, at Ash Street Pedestrian Overcrossing. Upgrade pedestrian overcrossing to Americans with Disabilities Act (ADA) standards.	4490	29040	0712000034	201.378	2016/17	RW:	11	PA&ED:	102	PA&ED:	6/15/2015
								Const:	408	PS&E:	195	RTL:	12/15/2016
										RW:	15	RW Cert:	11/15/2016
										Con:	170		
								Subtotal:	419		482		
								Total (Capital + Support):	\$901				



2016 SHOPP V3.0 Project List Ventura (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
126	1.0/R8.2	In and near the city of Ventura, at various locations from west of Victoria Avenue to east of Route 118. Install storm water mitigation devices.	4832	31220	0715000066	201.335	2017/18	RW:	51	PA&ED:	230	PA&ED:	7/15/2016
								Const:	3,100	PS&E:	360	RTL:	10/16/2017
										RW:	20	RW Cert:	10/3/2017
										Con:	510		
								Subtotal:	3,151		1,120		
Total (Capital + Support):									\$4,271				
126	R8.2/R12.8	In and near Santa Paula, from east of Todd Road to west of S. Hallock Drive. Storm water mitigation.	4834	31240	0715000064	201.335	2016/17	RW:	168	PA&ED:	380	PA&ED:	3/22/2016
								Const:	5,680	PS&E:	2,000	RTL:	10/14/2016
										RW:	50	RW Cert:	8/12/2016
										Con:	1,400		
								Subtotal:	5,848		3,830		
Total (Capital + Support):									\$9,678				
150	16.6/34.4	In and near cities of Ojal and Santa Paula, from Route 33 to Route 126. Construct and upgrade curb ramps and sidewalks to comply with ADA standards.	4746	30670	0714000179	201.361	2019/20	RW:	556	PA&ED:	500	PA&ED:	6/22/2017
								Const:	4,549	PS&E:	1,000	RTL:	12/15/2019
										RW:	100	RW Cert:	10/17/2019
										Con:	1,000		
								Subtotal:	5,105		2,600		
Total (Capital + Support):									\$7,705				



**2016 SHOPP V3.0 Project List
Ventura
(\$ in thousands)**



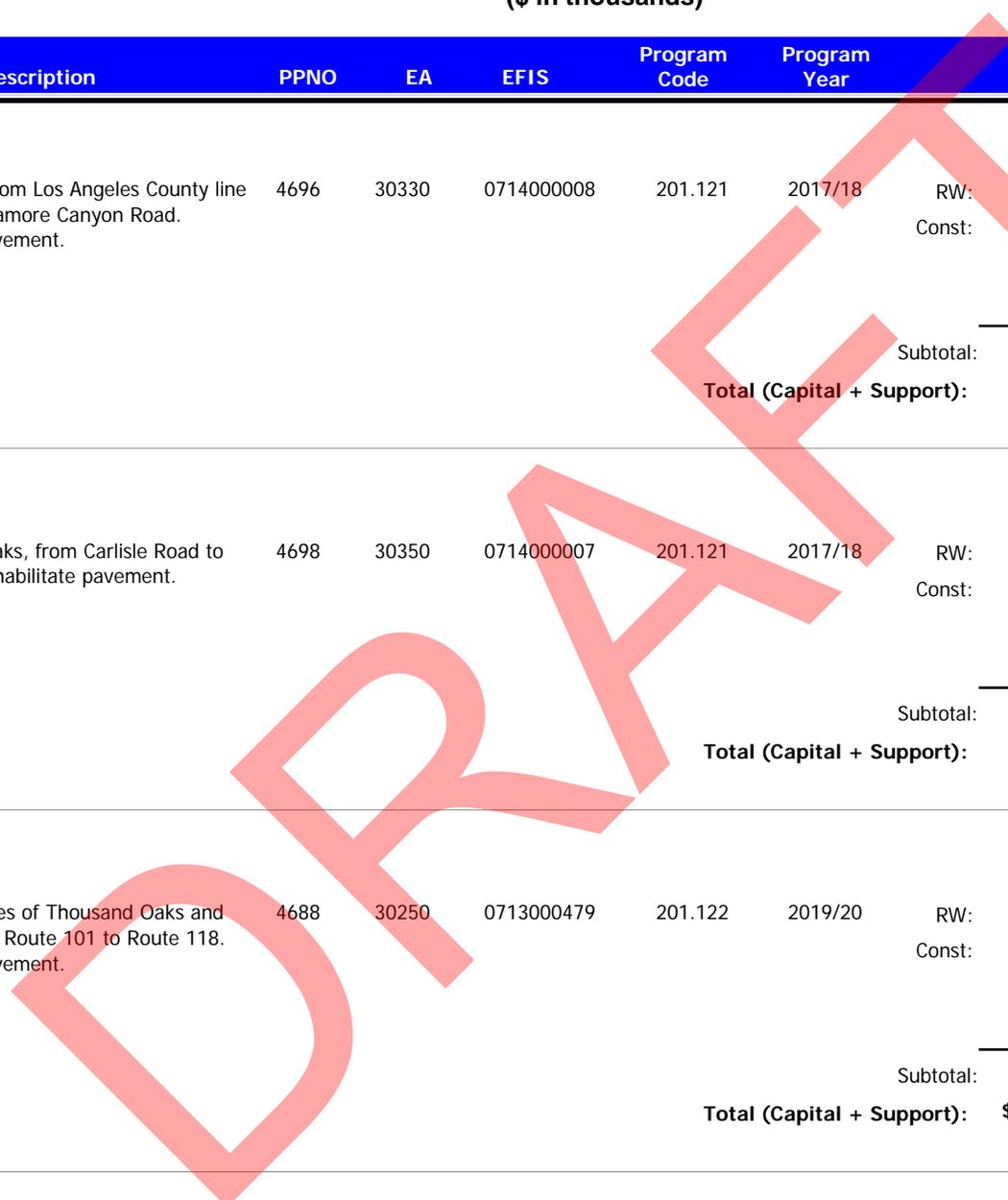
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
VAR		In various cities, at various locations on various Routes. Install storm water mitigation devices.	4842	31330	0715000085	201.335	2017/18	RW:	37	PA&ED:	75	PA&ED:	5/26/2017
								Const:	1,750	PS&E:	500	RTL:	1/12/2018
										RW:	5	RW Cert:	12/28/2017
										Con:	650		
								Subtotal:	1,787		1,230		
								Total (Capital + Support):	\$3,017				
BRIDGE PRESERVATION													
1	28.2	Near Sea Cliff, at Willow Creek Bridge No. 52-003; also in Ojai, on Route 33 at North Fork Matilija Bridges No. 52-0044 (PM 15.8) and No. 52-0173 (PM16.1). Upgrade bridge railings to meet current standards.	4601	29650	0713000099	201.112	2019/20	RW:	757	PA&ED:	142	PA&ED:	3/3/2018
								Const:	2,530	PS&E:	1,360	RTL:	3/13/2020
										RW:	7	RW Cert:	1/3/2020
										Con:	1,420		
								Subtotal:	3,287		2,929		
								Total (Capital + Support):	\$6,216				
33	7.6	Near Oak View, at San Antonio Creek Bridge (Br. No. 52-0065). Scour mitigation and bridge rail upgrade.	4496	29130	0712000083	201.111	2016/17	RW:	1,300	PA&ED:	250	PA&ED:	9/30/2016
								Const:	1,800	PS&E:	1,310	RTL:	6/16/2017
										RW:	240	RW Cert:	5/2/2017
										Con:	900		
								Subtotal:	3,100		2,700		
								Total (Capital + Support):	\$5,800				



2016 SHOPP V3.0 Project List Ventura (\$ in thousands)



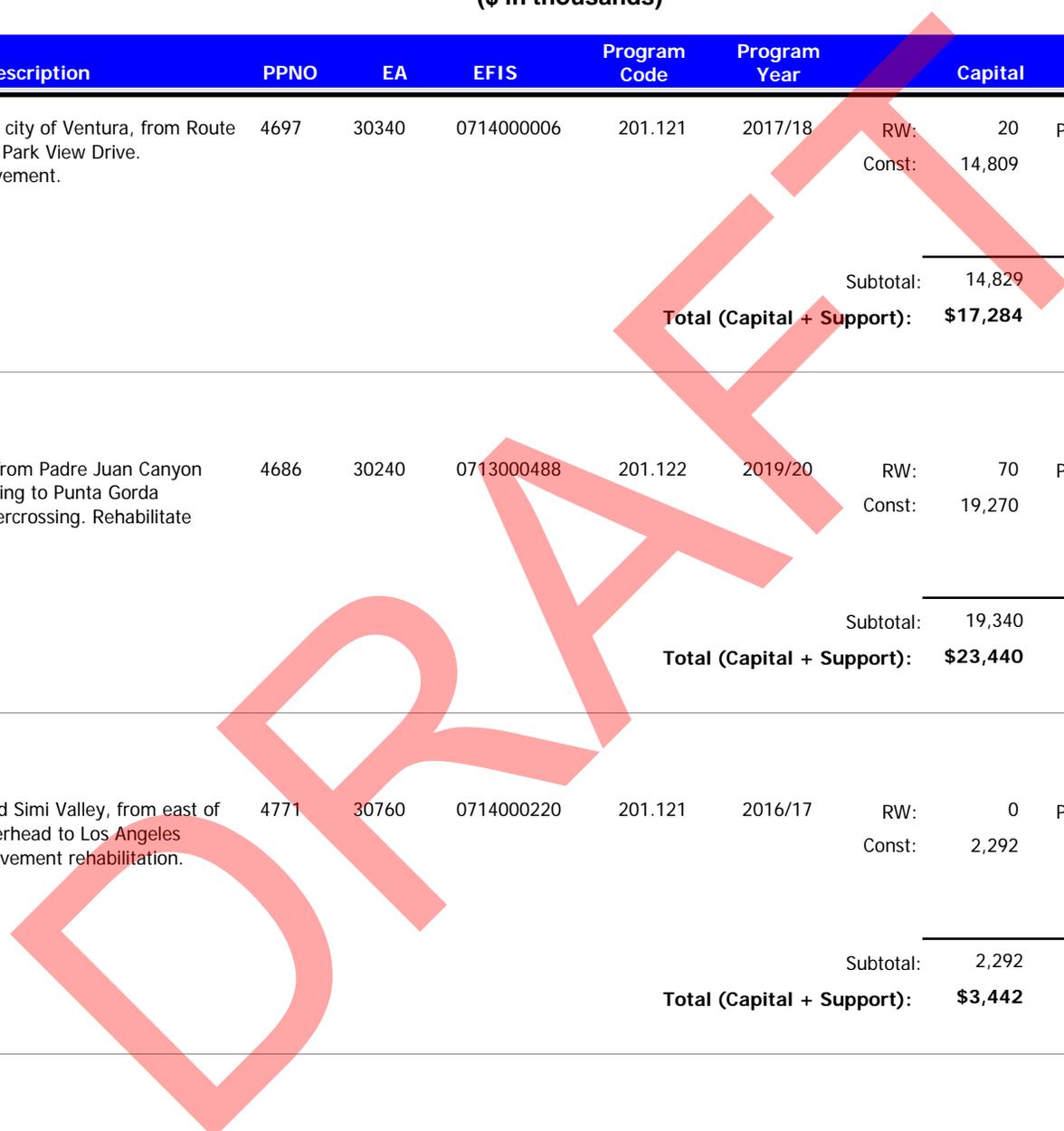
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
1	0.0/4.4	Near Oxnard, from Los Angeles County line to south of Sycamore Canyon Road. Rehabilitate pavement.	4696	30330	0714000008	201.121	2017/18	RW:	50	PA&ED:	44	PA&ED:	9/30/2016
								Const:	4,675	PS&E:	310	RTL:	12/15/2017
										RW:	30	RW Cert:	10/26/2017
										Con:	530		
								Subtotal:	4,725		914		
								Total (Capital + Support):	\$5,639				
23	0.0/R3.3	In Thousand Oaks, from Carlisle Road to Route 101. Rehabilitate pavement.	4698	30350	0714000007	201.121	2017/18	RW:	20	PA&ED:	32	PA&ED:	9/30/2016
								Const:	3,646	PS&E:	230	RTL:	12/15/2017
										RW:	20	RW Cert:	11/10/2017
										Con:	390		
								Subtotal:	3,666		672		
								Total (Capital + Support):	\$4,338				
23	R3.3/R11.5	In and near cities of Thousand Oaks and Moorpark, from Route 101 to Route 118. Rehabilitate pavement.	4688	30250	0713000479	201.122	2019/20	RW:	860	PA&ED:	355	PA&ED:	8/15/2017
								Const:	77,032	PS&E:	2,650	RTL:	12/17/2019
										RW:	100	RW Cert:	11/15/2019
										Con:	6,700		
								Subtotal:	77,892		9,805		
								Total (Capital + Support):	\$87,697				



2016 SHOPP V3.0 Project List Ventura (\$ in thousands)



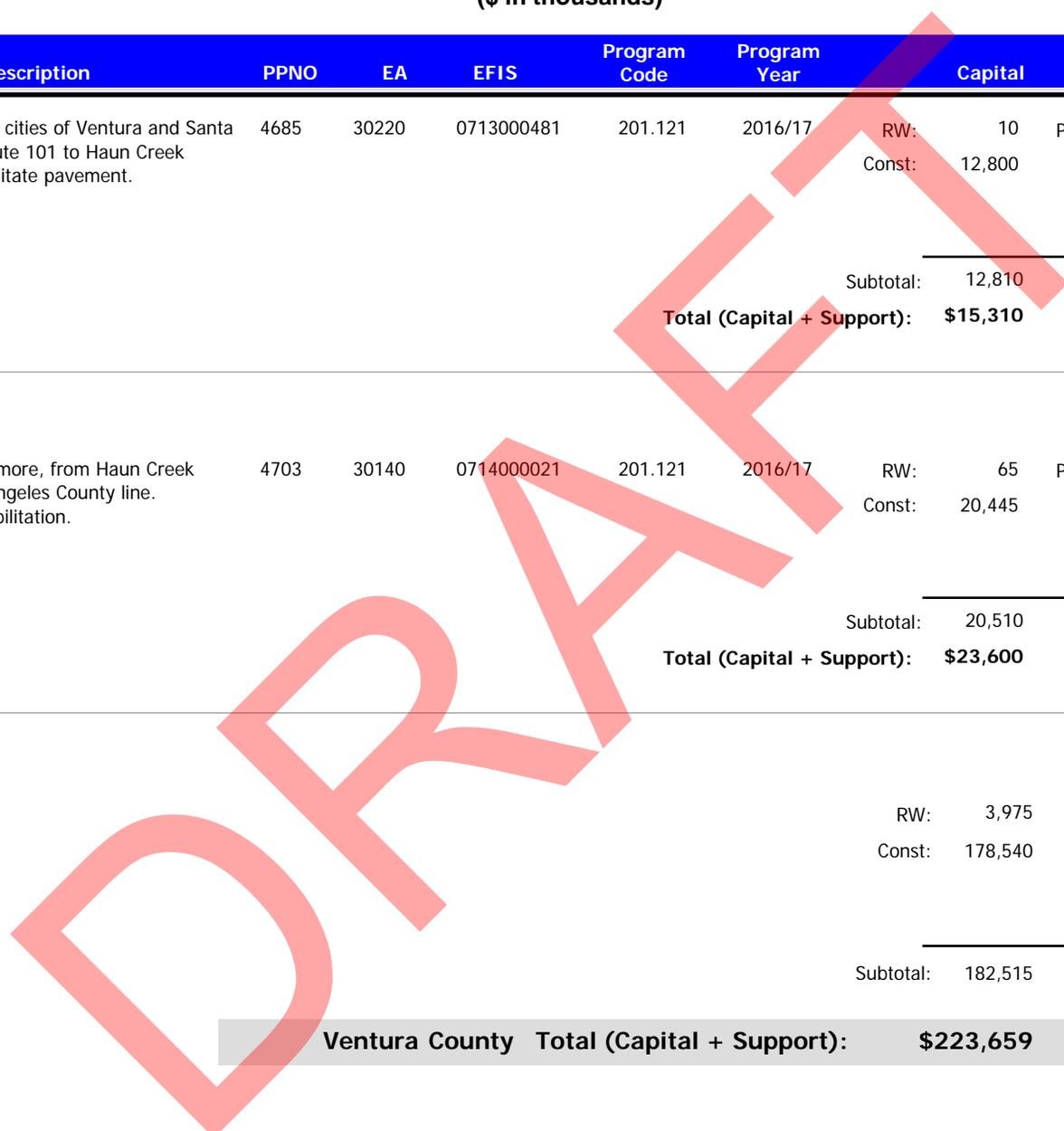
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
33	0.0/6.3	In and near the city of Ventura, from Route 101 to south of Park View Drive. Rehabilitate pavement.	4697	30340	0714000006	201.121	2017/18	RW:	20	PA&ED:	80	PA&ED:	7/20/2015
								Const:	14,809	PS&E:	585	RTL:	10/30/2017
										RW:	5	RW Cert:	7/28/2017
										Con:	1,785		
								Subtotal:	14,829		2,455		
Total (Capital + Support):									\$17,284				
<hr/>													
101	R36.7/R40.3	Near Sea Cliff, from Padre Juan Canyon Road Overcrossing to Punta Gorda Pedestrian Undercrossing. Rehabilitate roadway.	4686	30240	0713000488	201.122	2019/20	RW:	70	PA&ED:	100	PA&ED:	9/21/2018
								Const:	19,270	PS&E:	1,700	RTL:	2/14/2020
										RW:	200	RW Cert:	12/30/2019
										Con:	2,100		
								Subtotal:	19,340		4,100		
Total (Capital + Support):									\$23,440				
<hr/>													
118	T18.8/R32.6	In Moorpark and Simi Valley, from east of Arroyo Simi Overhead to Los Angeles County line. Pavement rehabilitation.	4771	30760	0714000220	201.121	2016/17	RW:	0	PA&ED:	115	PA&ED:	12/3/2015
								Const:	2,292	PS&E:	500	RTL:	12/15/2016
										RW:	35	RW Cert:	12/1/2016
										Con:	500		
								Subtotal:	2,292		1,150		
Total (Capital + Support):									\$3,442				



2016 SHOPP V3.0 Project List Ventura (\$ in thousands)



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital		Support		Milestones
126	0.0/R13.6	In and near the cities of Ventura and Santa Paula, from Route 101 to Haun Creek Bridge. Rehabilitate pavement.	4685	30220	0713000481	201.121	2016/17	RW:	10	PA&ED:	120	PA&ED:	11/2/2015
								Const:	12,800	PS&E:	940	RTL:	3/15/2017
										RW:	40	RW Cert:	3/28/2017
										Con:	1,400		
								Subtotal:	12,810		2,500		
Total (Capital + Support):									\$15,310				
<hr/>													
126	R13.6/R34.6	In and near Fillmore, from Haun Creek Bridge to Los Angeles County line. Pavement rehabilitation.	4703	30140	0714000021	201.121	2016/17	RW:	65	PA&ED:	220	PA&ED:	11/24/2015
								Const:	20,445	PS&E:	440	RTL:	1/13/2017
										RW:	30	RW Cert:	1/6/2017
										Con:	2,400		
								Subtotal:	20,510		3,090		
Total (Capital + Support):									\$23,600				
<hr/>													
								RW:	3,975	PA&ED:	2,955		
								Const:	178,540	PS&E:	14,659		
										RW:	905		
										Con:	22,625		
								Subtotal:	182,515		41,144		
Ventura County Total (Capital + Support):									\$223,659				



2016 SHOPP V3.0 Project List Yolo (\$ in thousands)

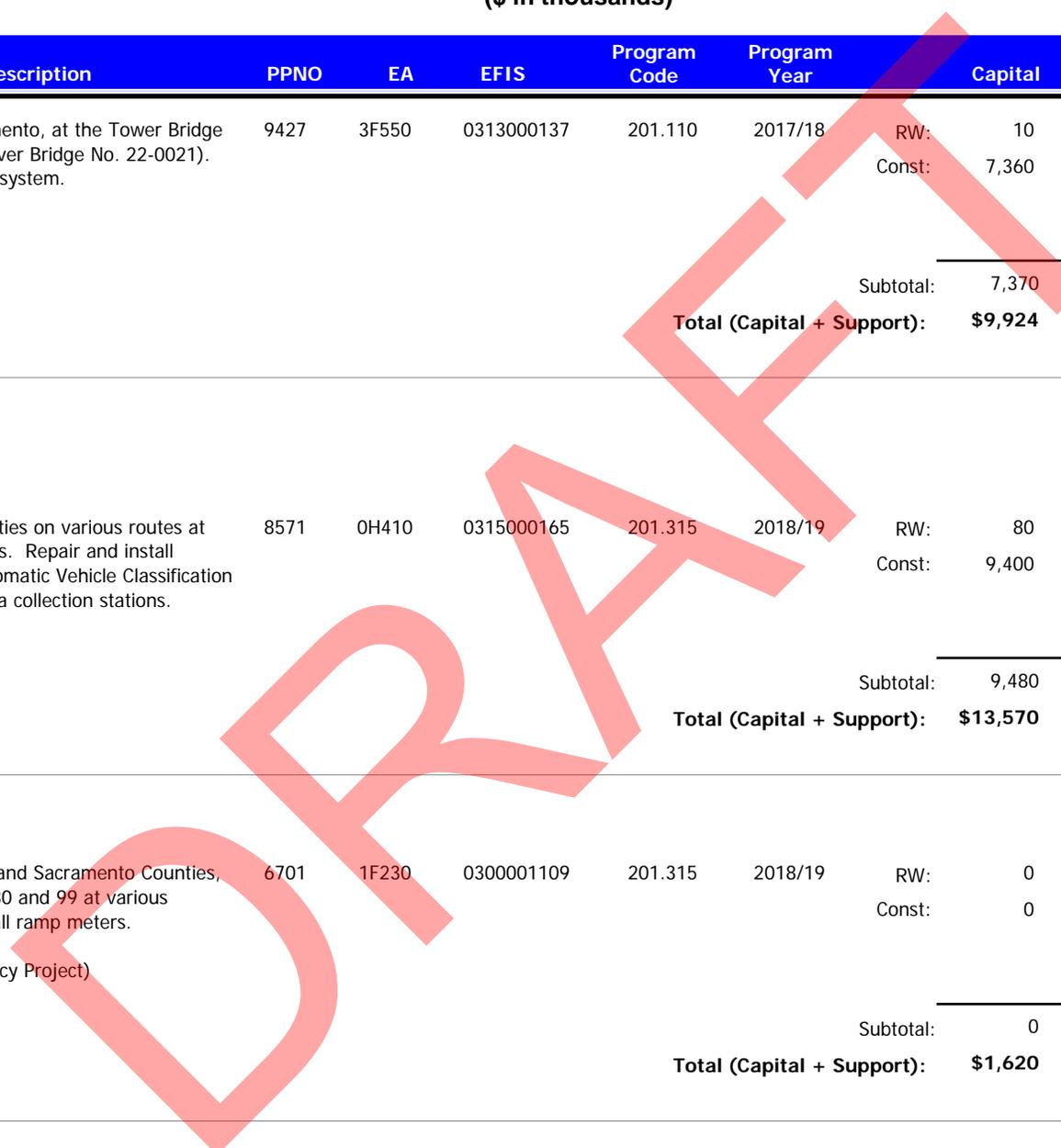


Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
COLLISION REDUCTION													
5	0.4/R28.9	In and near Woodland, from the Sacramento County line to Colusa County line. Improvements to reduce maintenance worker exposure.	8572	4F830	0314000300	201.235	2018/19	RW:	10	PA&ED:	240	PA&ED:	7/1/2017
								Const:	1,940	PS&E:	400	RTL:	11/1/2018
										RW:	20	RW Cert:	9/1/2018
										Con:	420		
								Subtotal:	1,950		1,080		
								Total (Capital + Support):	\$3,030				
<hr/>													
16	20.5/31.6	Near Cadenasso, from 0.4 mile west of County Road 79 to 0.4 mile east of County Road 79; also from Esparto to 0.2 mile west of Route 505. Shoulder widening, curve correction, left-turn channelization, signalization and two-way left-turn lanes.	8655A	0C472	0314000272	201.010	2016/17	RW:	7,989	PA&ED:	0	PA&ED:	6/24/2015
								Const:	19,390	PS&E:	2,570	RTL:	1/15/2017
										RW:	2,500	RW Cert:	1/10/2017
										Con:	4,850		
								Subtotal:	27,379		9,920		
								Total (Capital + Support):	\$37,299				
<hr/>													
BRIDGE PRESERVATION													
80	R11.3	In West Sacramento, at the Sacramento River Bridge and Overhead No. 22 -0026L/R. Rehabilitate bridge. (G13 Contingency Project)	8901	0F250	0300000075	201.110	2019/20	RW:	482	PA&ED:	990	PA&ED:	9/1/2018
								Const:	0	PS&E:	1,550	RTL:	4/1/2020
										RW:	75	RW Cert:	3/1/2020
										Con:	0		
								Subtotal:	482		2,615		
								Total (Capital + Support):	\$3,097				

**2016 SHOPP V3.0 Project List
Yolo
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
275	13.1	In West Sacramento, at the Tower Bridge (Sacramento River Bridge No. 22-0021). Replace fender system.	9427	3F550	0313000137	201.110	2017/18	RW:	10	PA&ED:	700	PA&ED:	1/1/2016
								Const:	7,360	PS&E:	700	RTL:	12/1/2017
										RW:	54	RW Cert:	10/1/2017
										Con:	1,100		
								Subtotal:	7,370		2,554		
Total (Capital + Support):									\$9,924				
MOBILITY													
5	VAR	In various counties on various routes at various locations. Repair and install permanent Automatic Vehicle Classification (AVC) truck data collection stations.	8571	0H410	0315000165	201.315	2018/19	RW:	80	PA&ED:	1,000	PA&ED:	1/1/2018
								Const:	9,400	PS&E:	1,000	RTL:	10/1/2018
										RW:	190	RW Cert:	9/1/2018
										Con:	1,900		
								Subtotal:	9,480		4,090		
Total (Capital + Support):									\$13,570				
80	2.4/R11.3	In Yolo, Placer and Sacramento Counties, on Routes 65, 80 and 99 at various locations. Install ramp meters. (G13 Contingency Project)	6701	1F230	0300001109	201.315	2018/19	RW:	0	PA&ED:	100	PA&ED:	3/1/2016
								Const:	0	PS&E:	1,300	RTL:	6/1/2017
										RW:	220	RW Cert:	3/1/2017
										Con:	0		
								Subtotal:	0		1,620		
Total (Capital + Support):									\$1,620				



**2016 SHOPP V3.0 Project List
Yolo
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
								RW: 8,571	PA&ED: 3,030		
								Const: 38,090	PS&E: 7,520		
									RW: 3,059		
									Con: 8,270		
								<hr/>			
								Subtotal: 46,661	21,879		
Yolo County Total (Capital + Support):								\$68,540			

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**2016 SHOPP V3.0 Project List
Yuba
(\$ in thousands)**



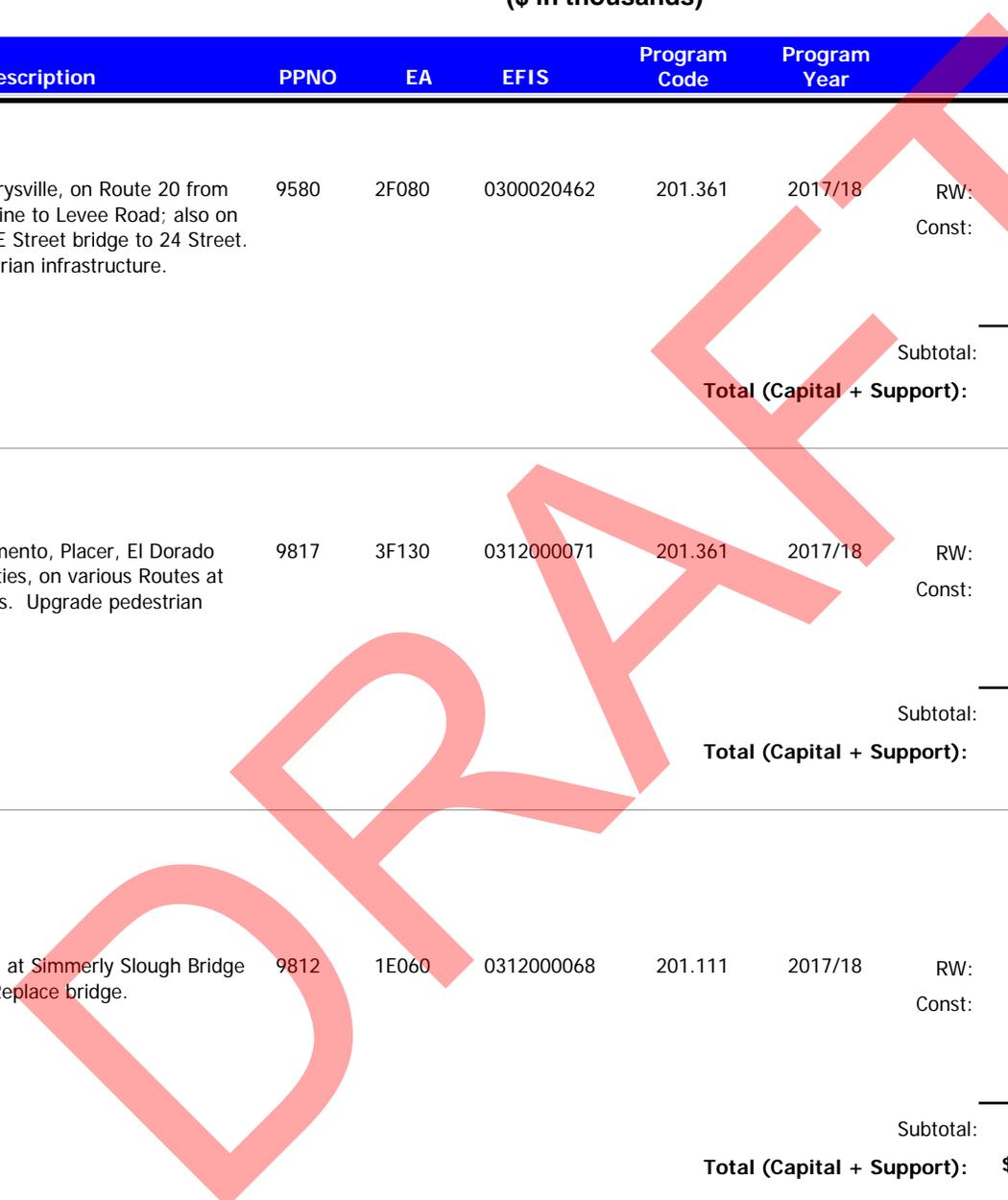
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
<u>COLLISION REDUCTION</u>													
20	18.2/20.2	Near Smartsville, from east of the Yuba River Bridge to 0.1 mile east of Smartsville Road. Realign and widen roadway.	9590	3F510	0313000020	201.015	2017/18	RW:	7,490	PA&ED:	3,800	PA&ED:	9/1/2016
								Const:	28,932	PS&E:	3,500	RTL:	5/1/2018
										RW:	1,000	RW Cert:	4/16/2018
										Con:	4,960		
								Subtotal:	36,422		13,260		
								Total (Capital + Support):	\$49,682				
20	20.1/21.6	Near Lake Wildwood, from 0.4 mile east of McGanney Lane to Yuba/Nevada County line; also in Nevada County, from Yuba/Nevada County line to Mooney Flat Road. Shoulder widening and curve improvements.	9588	2F590	0300020624	201.015	2017/18	RW:	2,190	PA&ED:	1,570	PA&ED:	1/8/2016
								Const:	15,300	PS&E:	1,320	RTL:	2/1/2018
										RW:	1,620	RW Cert:	1/15/2018
										Con:	3,370		
								Subtotal:	17,490		7,880		
								Total (Capital + Support):	\$25,370				
70	16.2/25.8	Near Marysville, from Laurellen Road to South Honcut Creek Bridge. Widen shoulders and improve clear recovery zone.	9819	4F380	0314000153	201.010	2019/20	RW:	9,858	PA&ED:	3,906	PA&ED:	12/1/2016
								Const:	70,735	PS&E:	4,884	RTL:	3/15/2018
										RW:	6,227	RW Cert:	3/1/2018
										Con:	6,094		
								Subtotal:	80,593		21,111		
								Total (Capital + Support):	\$101,704				



2016 SHOPP V3.0 Project List Yuba (\$ in thousands)



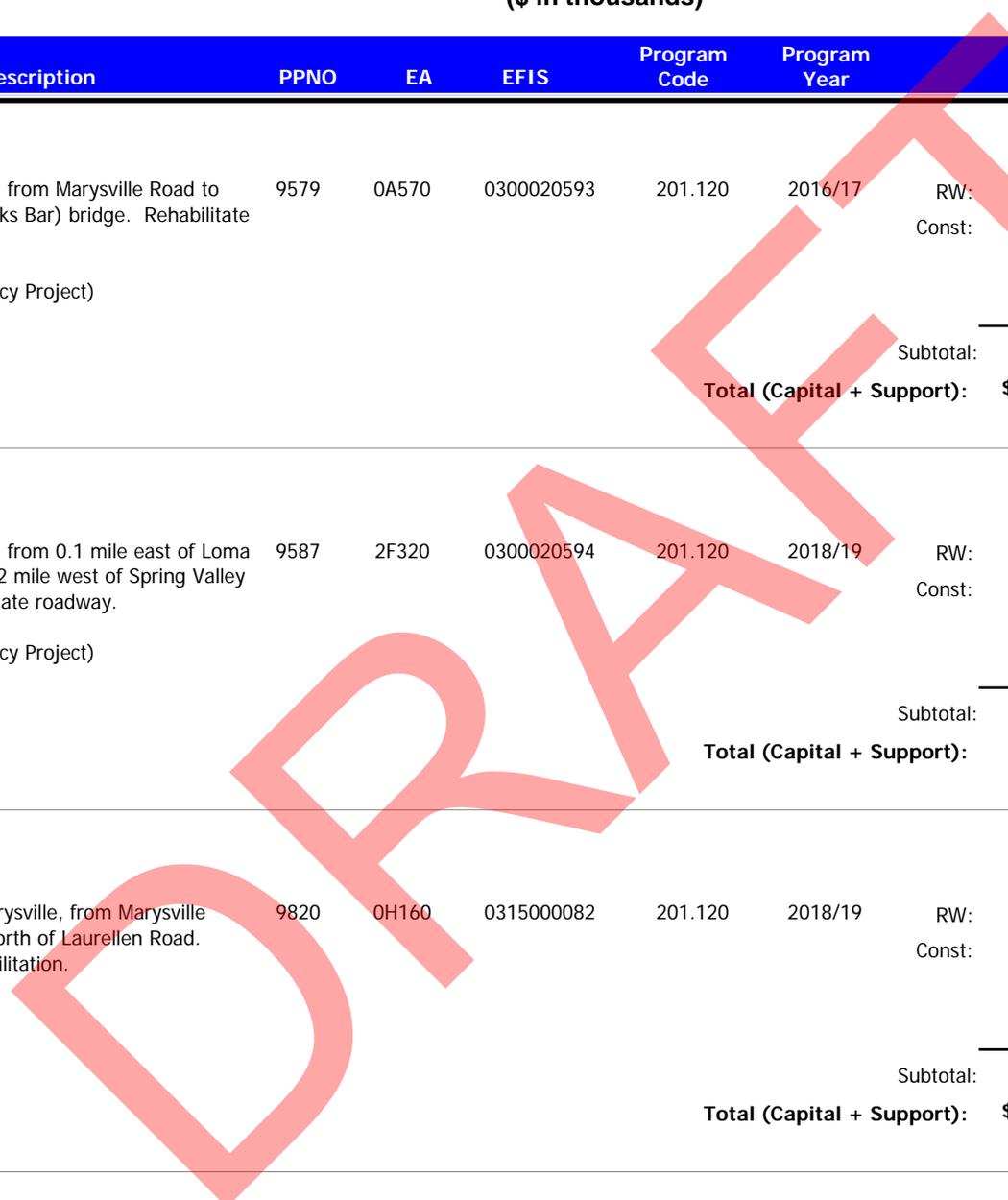
Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
MANDATES													
20	VAR	In and near Marysville, on Route 20 from Sutter County Line to Levee Road; also on Route 70 from E Street bridge to 24 Street. Upgrade pedestrian infrastructure.	9580	2F080	0300020462	201.361	2017/18	RW:	159	PA&ED:	356	PA&ED:	7/22/2015
								Const:	3,353	PS&E:	944	RTL:	10/15/2017
										RW:	1,377	RW Cert:	10/1/2017
										Con:	858		
								Subtotal:	3,512			3,535	
								Total (Capital + Support):	\$7,047				
<hr/>													
70	VAR	In Yuba, Sacramento, Placer, El Dorado and Butte counties, on various Routes at various locations. Upgrade pedestrian facilities.	9817	3F130	0312000071	201.361	2017/18	RW:	12	PA&ED:	360	PA&ED:	7/1/2016
								Const:	1,850	PS&E:	440	RTL:	1/15/2018
										RW:	20	RW Cert:	12/15/2017
										Con:	800		
								Subtotal:	1,862			1,620	
								Total (Capital + Support):	\$3,482				
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BRIDGE PRESERVATION													
70	15.5/16.4	Near Marysville, at Simmerly Slough Bridge No. 16-0019. Replace bridge.	9812	1E060	0312000068	201.111	2017/18	RW:	1,200	PA&ED:	1,600	PA&ED:	4/15/2016
								Const:	18,039	PS&E:	1,500	RTL:	12/1/2017
										RW:	550	RW Cert:	11/15/2017
										Con:	4,184		
								Subtotal:	19,239			7,834	
								Total (Capital + Support):	\$27,073				



**2016 SHOPP V3.0 Project List
Yuba
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year		Capital	Support	Milestones		
ROADWAY PRESERVATION													
20	13.3/R17.6	Near Marysville, from Marysville Road to Yuba River (Parks Bar) bridge. Rehabilitate roadway. (G13 Contingency Project)	9579	0A570	0300020593	201.120	2016/17	RW:	4,400	PA&ED:	3,700	PA&ED:	7/15/2016
								Const:	0	PS&E:	2,210	RTL:	6/15/2017
										RW:	1,620	RW Cert:	6/1/2017
										Con:	0		
								Subtotal:	4,400		7,530		
								Total (Capital + Support):	\$11,930				
20	8.0/10.2	Near Marysville, from 0.1 mile east of Loma Rica Road to 0.2 mile west of Spring Valley Road. Rehabilitate roadway. (G13 Contingency Project)	9587	2F320	0300020594	201.120	2018/19	RW:	1,400	PA&ED:	1,160	PA&ED:	4/1/2016
								Const:	0	PS&E:	1,610	RTL:	11/15/2017
										RW:	950	RW Cert:	1/15/2018
										Con:	0		
								Subtotal:	1,400		3,720		
								Total (Capital + Support):	\$5,120				
70	15.1/16.5	In and near Marysville, from Marysville Underpass to north of Laurellen Road. Roadway rehabilitation.	9820	0H160	0315000082	201.120	2018/19	RW:	200	PA&ED:	1,000	PA&ED:	3/15/2017
								Const:	17,100	PS&E:	2,000	RTL:	8/1/2018
										RW:	400	RW Cert:	7/1/2018
										Con:	2,030		
								Subtotal:	17,300		5,430		
								Total (Capital + Support):	\$22,730				



**2016 SHOPP V3.0 Project List
Yuba
(\$ in thousands)**



Route	Post Miles	Location/Description	PPNO	EA	EFIS	Program Code	Program Year	Capital	Support	Milestones	
								RW: 26,909	PA&ED: 17,452		
								Const: 155,309	PS&E: 18,408		
									RW: 13,764		
									Con: 22,296		
								<hr/>			
								Subtotal: 182,218	71,920		
Yuba County Total (Capital + Support):								\$254,138			

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Prepared by the
California Department of Transportation
California State Transportation Agency