

Shasta County Bridge Preventive Maintenance Project List - PM00117 - August 2018

Notes	Priority	County Location	Implementing Agency	Bridge Number	Local Agency Bridge ID	Facility Carried	Feature Intersected	Location	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (ft <sup>2</sup> )	Total Particip. Cost	Unit Cost (\$/ft <sup>2</sup> )	Federal Share	Running Fed Summary	Local Share	Running Local Share
<b>BRIDGES RECENTLY COMPLETED - FINAL COSTS</b>																		
Constr 2016	1	Shasta County	Shasta County	6C-19		Ash Creek Road	Sacramento River	1.2 Mi E Balls Ferry Road	86.1		Methacrylate	\$ 13,908	\$ 57,529.00	\$ 4.14	\$ 50,930.42	\$ 50,930.42	\$ 6,598.58	\$ 6,598.58
Constr 2016	2	Shasta County	Shasta County	6C-171		Ash Creek Road	Sacramento River OH	0.9 Mi E Balls Ferry Road	85.8	SD	Methacrylate	\$ 9,156	\$ 42,040.00	\$ 4.59	\$ 37,218.01	\$ 88,148.44	\$ 4,821.99	\$ 11,420.56
Constr 2016	3	Shasta County	Shasta County	6C-73		Big Bend Road	Hatchet Creek	0.8 Mi N S.R. 299	93.9	SD	Methacrylate	\$ 5,489	\$ 26,259.00	\$ 4.78	\$ 23,247.09	\$ 111,395.53	\$ 3,011.91	\$ 14,432.47
Constr 2016	4	Shasta County	Shasta County	6C-15		Big Bend Road	Pit River	15.9 Mi N S.R. 299	72.3	SD	Methacrylate	\$ 5,814	\$ 26,991.00	\$ 4.64	\$ 23,895.13	\$ 135,290.66	\$ 3,095.87	\$ 17,528.34
Constr 2016	5	Shasta County	Shasta County	6C-206		Cassel Road	West Fork Hat Creek	3.42 Mi NE S.R. 89	80.6	SD	Methacrylate	\$ 637	\$ 7,589.00	\$ 11.91	\$ 6,718.54	\$ 142,009.20	\$ 870.46	\$ 18,398.80
Constr 2016	6	Shasta County	Shasta County	6C-207		Cassel Road	Hat Creek	3.4 Mi NE S.R. 89	85.6		Methacrylate	\$ 2,388	\$ 14,147.00	\$ 5.92	\$ 12,524.34	\$ 154,533.54	\$ 1,622.66	\$ 20,021.46
Constr 2016	7	Shasta County	Shasta County	6C-40		Oak Run Road	Cedar Creek	S.R. 299	92.1	SD	Methacrylate	\$ 3,965	\$ 20,075.00	\$ 5.06	\$ 17,772.40	\$ 172,305.94	\$ 2,302.60	\$ 22,324.06
Constr 2016	8	Shasta County	Shasta County	6C-116		Pine Grove Ave	Pine Grove Avenue OH	0.15 Mi E Lake Blvd	89.2		Methacrylate	\$ 5,232	\$ 24,820.00	\$ 4.74	\$ 21,973.15	\$ 194,279.09	\$ 2,846.85	\$ 25,170.92
Constr 2016	9	Shasta County	Shasta County	6C-9		Platina Road	North Fork Cottonwood Creek	4.5 Mi W Gas Point Road	81.5	SD	Methacrylate / Replace Joint Seals	\$ 7,863	\$ 48,672.00	\$ 6.19	\$ 43,089.32	\$ 237,368.41	\$ 5,582.68	\$ 30,753.59
Constr 2016	10	Shasta County	Shasta County	6C-13		Jim Day Road	Pit River	0.4 Mi S/E S.R. 299	96.8		Replace Joint Seals	\$ 7,863	\$ 8,800.00	\$ 1.12	\$ 7,790.64	\$ 245,159.05	\$ 1,009.36	\$ 31,762.95
Constr 2016	11	Shasta County	Shasta County	6C-30		Soda Creek Road	Sacramento River	0.2 Mi SE I-5	76.7		Replace Joint Seals	\$ 2,246	\$ 17,446.00	\$ 0.13	\$ 15,444.94	\$ 260,603.99	\$ 2,001.06	\$ 33,764.01
<b>Totals</b>													<b>\$ 294,368.00</b>		<b>\$ 260,603.99</b>		<b>\$ 33,764.01</b>	
<b>PE cost = 28.7% of CON cost.</b>													<b>58,797.00</b>					
<b>COMPLETED AND DROPPED BRIDGES</b>																		
Completed 2011		Shasta County	Shasta County	6C-52	7G23-B	Lakeshore Drive	Doney Creek	0.8 mi SW Antr UC on I-5	51.5		Bridge Deck Seal	\$ 12,598	\$ 84,884.00	\$ 6.74	\$ 75,147.81	NA	\$ 9,736.19	NA
Completed 2011		Shasta County	Shasta County	6C-54	7G23-A	Lakeshore Drive	Charlie Creek	1.8 mi SW Antr UC on I-5	66.0		Bridge Deck Seal	\$ 10,103	\$ 68,061.00	\$ 6.74	\$ 60,254.40	NA	\$ 7,806.60	NA
Completed 2013		Shasta County	Shasta County	6C-101	3J14-A	Old 44 Drive	South Cow Creek	0.5 mi N of S.R. 44	93.5	SD	Methacrylate Treat. / Joint Seal	\$ 7,731	\$ 38,898.12	\$ 5.03	\$ 34,436.51	NA	\$ 4,461.61	NA
Completed 2013		Shasta County	Shasta County	6C-258	4H34-B	Old Alturas Road	Stillwater Creek	0.1 mi E Old Oregon Trail	86.2		Methacrylate Treatment	\$ 3,793	\$ 11,555.32	\$ 3.05	\$ 10,229.92	NA	\$ 1,325.40	NA
Completed 2013		Shasta County	Shasta County	6C-41	2J7-A	Deschutes Road	Sacramento River	1.0 mi S Dersch Road	98.3		Methacrylate Treatment	\$ 27,556	\$ 96,869.13	\$ 3.52	\$ 85,758.24	NA	\$ 11,110.89	NA
Completed 2013		Shasta County	Shasta County	6C-216	4H35-B	Boyle Road	Clough Creek	2.5 mi W Deschutes Rd	89.5		Methacrylate Treatment	\$ 1,423	\$ 5,295.67	\$ 3.72	\$ 4,688.26	NA	\$ 607.41	NA
Completed 2013		Shasta County	Shasta County	6C-354		Millville Plains Road	Dry Creek	0.1 mi N Dersch Road	90.7		Methacrylate Treatment	\$ 1,634	\$ 5,344.86	\$ 3.27	\$ 4,731.80	NA	\$ 613.06	NA
Completed 2013		Shasta County	Shasta County	6C-048	2H1-A	Dersch Road	Stillwater Creek	1.8 mi E Airport Road	95.0		Methacrylate Treatment	\$ 8,056	\$ 22,484.97	\$ 2.79	\$ 19,905.94	NA	\$ 2,579.03	NA
Dropped from 2016 BPMP		Shasta County	Shasta County	6C-44		Ponderosa Way	South Fork Cow Creek	3.5 Mi S Whitmore Rd	70.6		Methacrylate	\$ 1,440						
Dropped from 2016 BPMP		Shasta County	Shasta County	6C-242		Ash Creek Road	Anderson Creek	100' E Balls Ferry Road	68.9	SD	Methacrylate	\$ 2,672						
Dropped, bridge stable for now		Shasta County	Shasta County	6C-18	2J5-A	Dersch Road	Cow Creek	0.7 mi E Deschutes Road	96.8		Embankment Erosion Control	\$ 8,480						

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Feature Intersected	Location		Deck SQFT	\$/sqft from Previous project including mobilization	CON	PE	CE	Contingency (none)	Total
Ash Creek Road	Sacramento River	06C0019	13,907.5	\$2.82	\$39,200	\$12,014	\$6,315	\$0	\$57,529
Ash Creek Road	Sacramento River	06C0171	9,155.6	\$3.27	\$29,975	\$7,909	\$4,156	\$0	\$42,040
Big Bend Road	Hatchet Creek	06C0073	5,489.3	\$3.47	\$19,025	\$4,742	\$2,492	\$0	\$26,259
Big Bend Road	Pit River	06C0015	5,814.0	\$3.32	\$19,330	\$5,022	\$2,639	\$0	\$26,991
Cassel Road	West Fork Hat	06C0206	637.1	\$10.59	\$6,750	\$550	\$289	\$0	\$7,589
Cassel Road	Hat Creek	06C0207	2,388.4	\$4.61	\$11,000	\$2,063	\$1,084	\$0	\$14,147
Oak Run Road	Cedar Creek	06C0040	3,965.0	\$3.75	\$14,850	\$3,425	\$1,800	\$0	\$20,075
Pine Grove Ave	Pine Grove	06C0116	5,232.3	\$3.43	\$17,925	\$4,520	\$2,375	\$0	\$24,820
Platina Road	North Fork Cottonwood Creek	06C0009	7,862.9	\$3.09	\$24,310	\$6,792	\$3,569	\$0	\$34,671
<b>Totals</b>					\$182,365.00	\$47,037.00	\$24,719.00	\$0.00	\$254,121.00

Feature Intersected	Location		Length	\$/ft	CON	PE	CE	Contingencies @0%	Total
Jim Day Road	Pit River	06C0013	28.5	\$205	\$5,830	\$1,947	\$1,023	\$0	\$8,800
Platina Road	North Fork Cottonwood Creek	06C0009	61	\$125	\$7,643	\$4,168	\$2,190	\$0	\$14,001
Soda Creek Road	Sacramento River	06C0030	82.6	\$107	\$8,835	\$5,645	\$2,966	\$0	\$17,446
<b>Totals</b>					\$22,308	\$11,760	\$6,179	\$0	\$40,247

	CON	PE	CE	Contingencies @ 0%	Total
<b>Total</b>	<b>\$204,673.00</b>	<b>\$58,797.00</b>	<b>\$30,898.00</b>	<b>\$0.00</b>	<b>\$294,368.00</b>

\$235,571.00

Deck SQFT	Furnish Treatment (90 sq ft per gallon) (70\$ per gallon)**	Clean Bridge Deck (0.30\$ per sqft)	Treat Bridge Deck (1.00\$ per sqft)	Mobilization/Other Costs	PE @ 25%	CE @ 15%	Contingencies @ 10%	Total
	0.00	0.00	0.00	10,000.00	2,500.00	1,500.00	1,000.00	15,000.00

\*\*The application rate of 90 sf/gal is specified in the Caltrans SSP for Bridge Deck Methacrylate Resin