

**Stanislaus County**  
Federal Fiscal Year 2017/2018 Bridge Preventive Maintenance Program

PM00185

Priority (Lowest Number Is Top Priority)	Agency Location	Bridge Number from Inspection Report	Facility Carried	Feature Intersected	Location	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (ft <sup>2</sup> )	Unit Cost (\$/ft <sup>2</sup> )	Federal Share	Local Share	Total Particip. Cost
<b>Structural Repairs (West County)</b>													
1	Stanislaus County	38C0098	Crows Landing Road	TID Lower Lateral	0.5 mi N of W. Main St	70.1		Repair concrete slab (main structural member)	784	28.1	\$19,477	\$2,523	\$22,000
2	Stanislaus County	38C0124	Carpenter Road	TID Lateral #1	Just N of Whitmore Ave	77.1		Repair concrete slab (main structural member)	1,221	22.9	\$24,788	\$3,212	\$28,000
3	Stanislaus County	38C0208	5th Street	CCID Main Canal	Jct at Armstrong Rd	63.0		Repair concrete slab (main structural member)	1,216	23.0	\$24,788	\$3,212	\$28,000
4	Stanislaus County	38C0226	Covert Road	MID Lateral #6	0.4 mi W of Toomes Rd	80.2		Repair concrete T-beams	1,198	23.4	\$24,788	\$3,212	\$28,000
5	Stanislaus County	38C0304	Beckwith Road	MID Lateral #7	0.4 mi W of Dakota Rd	78.9		Repair concrete slab (main structural member)	1,097	23.7	\$23,018	\$2,982	\$26,000
6	Stanislaus County	38C0181	Moorehead Road	CCID Main Canal	Just W of Draper Rd	62.7		Repair concrete T-beams	1,363	22.0	\$26,559	\$3,441	\$30,000
7	Stanislaus County	38C0203	Draper Road	CCID Main Canal	0.25 mi S of Orestimba Rd	77.8		Repair concrete T-beams	1,924	20.3	\$34,527	\$4,473	\$39,000
8	Stanislaus County	38C0116	Paradise Road	MID Lateral #5	0.9 mi NW of Shiloh Rd	64.8		Repair concrete T-beams and slab**	1,231	22.7	\$24,788	\$3,212	\$28,000
9	Stanislaus County	38C0242	W. Stanislaus Road	W. Stanislaus ID Lateral #4	200 ft W of Hamilton Rd	61.9		Repair concrete T-beams, slab, and abutments	544	40.4	\$19,477	\$2,523	\$22,000
<b>Subtotal =</b>											<b>\$222,210</b>	<b>\$28,790</b>	<b>\$251,000</b>

<b>Structural Repairs (East County)</b>													
10	Stanislaus County	38C0258	Cooperstown Road	Johnson Creek	1.5 mi NW of La Grange Rd	92.1		Repair concrete T-beams and slab	728	28.8	\$18,591	\$2,409	\$21,000
11	Stanislaus County	38C0259	Cooperstown Road	Dry Creek	0.8 mi NW of La Grange Rd	71.7		Repair large crack in Abutment 3 and wingwall and in pierwall	526	28.5	\$13,280	\$1,721	\$15,000
12	Stanislaus County	38C0165	Tully Road	MID Main Canal	0.1 N of Thieman Ave	65.5		Repair concrete T-beams and slab	1,164	24.1	\$24,788	\$3,212	\$28,000
13	Stanislaus County	38C0251	Langworth Road	MID Main Canal	3.0 mi N of Milnes Rd	92.2		Repair concrete T-beams, slab, and pierwall	2,698	18.5	\$44,265	\$5,735	\$50,000
14	Stanislaus County	38C0286	Church Street	MID Lateral #2	1.0 mi N of SR132	71.5		Repair concrete slab (main structural member)	859	26.8	\$20,362	\$2,638	\$23,000
15	Stanislaus County	38C0292	Blossom Road	MID Main Canal	0.5 mi N of SR132	54.8	FO	Repair concrete T-beams, slab, and pier cap	1,471	21.8	\$28,330	\$3,670	\$32,000
16	Stanislaus County	38C0091	Hickman Road	TID Main Canal	1.2 mi N of Whitmore Ave	94.3		Repair concrete bent caps and columns	2,758	13.4	\$32,756	\$4,244	\$37,000
17	Stanislaus County	38C0125	Hatch Road	Ceres Main Spillway	Just W of Faith Home Rd	98.4		Repair concrete abutments, pier walls and columns	1,947	20.5	\$35,412	\$4,588	\$40,000
18	Stanislaus County	38C0230	Milnes Road	MID Main Canal	0.2 mi E of Langworth Rd	79.4		Repair concrete pierwalls	1,702	17.6	\$26,559	\$3,441	\$30,000
<b>Subtotal =</b>											<b>\$244,343</b>	<b>\$31,657</b>	<b>\$276,000</b>

<b>Methacrylate, Joint Seals and Approach Repairs (East County)</b>													
19	Stanislaus County	38C0001	Orange Blossom Rd	Stanislaus River	0.2 mi SW of Jct Rodden Rd	82.8		Replace the joint seal at the hinges in Span 2 and 5 & treat bridge deck with methacrylate	17,966	7.6	\$121,286	\$15,714	\$137,000
20	Stanislaus County	38C0055	Oakdale-Waterford Hwy	Dry Creek	1.8 mi NW of SR132	67.2		Replace pourable joint seals	11,818	8.3	\$86,759	\$11,241	\$98,000
21	Stanislaus County	38C0114	Claribel Road	MID Main Canal	0.1 mi W of Terminal Ave	80.4		Repair cracks and potholes in both AC approaches at bridge joints	3,614	8.3	\$26,559	\$3,441	\$30,000
22	Stanislaus County	38C0145	La Grange Road	Tuolumne River	0.25 mi N of SR132	84.3		Replace modular expansion joint seal assemblies	19,950	2.3	\$39,839	\$5,162	\$45,000
23	Stanislaus County	38C0044	Mitchell Road	Tuolumne River	0.55 mi S of Finch Rd	84.0		Treat bridge deck and approach slabs with methacrylate	57,780	8.3	\$424,944	\$55,056	\$480,000
24	Stanislaus County	38C0079	Valley Home Road	SSJID Canal	0.1 mi NW Cleveland Ave	91.9		Replace AC overlay**	1,164	21.5	\$22,133	\$2,868	\$25,000
25	Stanislaus County	38C0147	Wellsford Road	MID Main Canal	0.4 mi N of Parker Rd	90.8		Install joints at piers** & repair AC at pier joints**	4,780	5.2	\$22,133	\$2,868	\$25,000
26	Stanislaus County	38C0161	Santa Fe Avenue	TID Main Canal	0.1 mi S of Monte Vista Ave	94.7		Remove AC overlay and treat bridge deck with methacrylate**	1,507	16.6	\$22,133	\$2,868	\$25,000
27	Stanislaus County	38C0223	Clinton Road	TID Ceres Main Canal	50 ft S of Hatch Rd	74.7		Treat bridge deck with methacrylate**	1,475	14.9	\$19,477	\$2,523	\$22,000
28	Stanislaus County	38C0291	Hopper Road	MID Main Canal	0.5 mi N of SR132	70.7		Treat bridge deck with methacrylate** & repair settlement at bridge in both AC approaches	1,558	19.3	\$26,559	\$3,441	\$30,000
29	Stanislaus County	38C0319	Frankenheimer Road	S. San Joaquin Main Canal	2.5 mi S of Sonora Rd	97.9		Replace joint seals**	1,567	14.0	\$19,477	\$2,523	\$22,000
<b>Subtotal =</b>											<b>\$831,297</b>	<b>\$107,703</b>	<b>\$939,000</b>

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PM00185

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<b>Methacrylate, Joint Seals and Approach Repairs (West County)</b>													
30	Stanislaus County	38C0043	River Road	Orestimba Creek	0.6 mi SE of Crows Lndg Rd	95.8		Remove AC overlay and treat bridge deck with methacrylate**	2,788	11.8	\$29,215	\$3,785	\$33,000
31	Stanislaus County	38C0186	Morgan Road	TID Lateral #5	Jct at Harding Ave	79.3		Repair AC deck & repair spalls in girders	697	43.0	\$26,559	\$3,441	\$30,000
32	Stanislaus County	38C0096	Crows Landing Road	CCID Main Canal	0.5 mi E of SR33	94.6		Repair AC deck and AC approach	2,052	19.5	\$35,412	\$4,588	\$40,000
33	Stanislaus County	38C0185	Sycamore Avenue	Patterson ID Main Canal	0.6 mi S of Las Palmas Ave	62.5		Repair AC approach at bridge joint at Abutment 2 & repair crack on wingwall at Abutment 1	526	60.8	\$28,330	\$3,670	\$32,000
34	Stanislaus County	38C0306	Faith Home Road	TID Upper Lateral #3	Just S of Barnhart Rd	71.2		Remove AC deck and treat bridge deck with methacrylate & repair spalls and cracks in soffit	799	42.6	\$30,100	\$3,900	\$34,000
35	Stanislaus County	38C0218	Frank Cox Road	Westley Wasteway	0.3 mi SW of SR33	72.1		Repair cracks in AC both approaches at the bridge & remove AC deck overlay and treat bridge deck with methacrylate**	1,729	24.9	\$38,068	\$4,932	\$43,000
36	Stanislaus County	38C0204	Orestimba Road	CCID Main Canal	0.1 mi E of Draper Rd	75.5		Repair sinkhole on the AC approach at Abutment 4 & repair concrete girders	1,786	37.5	\$59,315	\$7,685	\$67,000
37	Stanislaus County	38C0215	Rogers Road	Del Puerto Creek	0.5 mi N of Zacharias Rd	95.8		Remove AC overlay and treat bridge deck with methacrylate**	2,259	12.4	\$24,788	\$3,212	\$28,000
38	Stanislaus County	38C0053	Sperry Avenue	California Aqueduct	0.1 mi E of I5	85.6		Repair AC approaches at both abutments	5,636	5.3	\$26,559	\$3,441	\$30,000
39	Stanislaus County	38C0094	Fink Road	California Aqueduct	0.43 mi E of I5	95.0		Replace joint seal at Bent 2	5,731	2.6	\$13,280	\$1,721	\$15,000
40	Stanislaus County	38C0095	Fink Road	Delta-Mendota Canal	2.0 mi E of I5	65.7		Repair potholes in AC approaches at Abutment 4	3,109	8.0	\$22,133	\$2,868	\$25,000
41	Stanislaus County	38C0118	Howard Road	Delta-Mendota Canal	1.5 mi E of I5	65.0		Repair AC approach & AC deck surface	2,997	10.0	\$26,559	\$3,441	\$30,000
42	Stanislaus County	38C0200	Sullivan Road	California Aqueduct	1.68 mi W of Eastin Rd	90.3		Repair AC approaches at both abutments & AC deck surface	4,806	8.3	\$35,412	\$4,588	\$40,000
43	Stanislaus County	38C0207	Orestimba Road	California Aqueduct	1.1 mi W of I5	96.9		Remove AC in joint and replace joint seal at Pier 2	4,817	3.1	\$13,280	\$1,721	\$15,000
44	Stanislaus County	38C0209	Davis Road	Delta-Mendota Canal	0.6 mi N of Fink Rd	86.7		Repair AC deck surface	3,212	7.8	\$22,133	\$2,868	\$25,000
45	Stanislaus County	38C0211	Oak Flat Road	California Aqueduct	0.4 mi W of Ward Ave	97.0		Remove AC overlay and treat bridge deck with methacrylate**	4,930	10.1	\$44,265	\$5,735	\$50,000
46	Stanislaus County	38C0212	Marshall Road	Delta-Mendota Canal	0.4 mi E of Ward Ave	77.6		Repair AC approach and AC deck surface	3,025	9.9	\$26,559	\$3,441	\$30,000
47	Stanislaus County	38C0296	Diehl Road	Delta-Mendota Canal	0.5 mi W of Bell Rd	78.5	SD	Treat bridge deck with methacrylate	2,997	10.0	\$26,559	\$3,441	\$30,000
48	Stanislaus County	38C0332	Shields Road	Delta-Mendota Canal	1.5 mi W of Eastin Rd	86.9		Treat bridge deck with methacrylate & repair vertical offset at both approaches	4,270	12.2	\$46,036	\$5,964	\$52,000
49	Stanislaus County	38C0016	Grayson Road	San Joaquin River	0.2 mi NE of Cox Rd	87.7		Repair settlement at AC approaches at both abutments	7,374	4.1	\$26,559	\$3,441	\$30,000
50	Stanislaus County	38C0027	Grayson Road	Laird Slough	3.1 mi NE of SR33	90.8		Repair settlement at AC approaches at both abutments**	13,390	2.2	\$26,559	\$3,441	\$30,000
51	Stanislaus County	38C0031	Stuhr Road	CCID Main Canal	1.0 mi W of SR33	93.4		Repair crackign and potholes in AC approaches at both abutments	1,886	15.9	\$26,559	\$3,441	\$30,000
52	Stanislaus County	38C0064	Briggsmore Road	UPRR & Brink Avenue	At SPRR & 9th St	78.0	SD	Treat bridge deck with methacrylate	9,974	9.0	\$79,677	\$10,323	\$90,000
53	Stanislaus County	38C0065	Beckwith Road	UPRR	Just W of SR99	86.2		Repair NW sidewalk transition** & treat bridge deck with methacrylate	10,994	8.2	\$79,677	\$10,323	\$90,000
<b>Subtotal =</b>											<b>\$813,591</b>	<b>\$105,409</b>	<b>\$919,000</b>

**Salida Boulevard - Paint**

54	Stanislaus County	38C0069	Salida Boulevard	MID Lateral #6	0.4 mi S of Broadway	77.7	FO	Clean and paint exposed steel girders (no PI)	1,028	214.0	\$194,766	\$25,234	\$220,000
								Repair spalls in soffit**	1,028	25.3	\$23,018	\$2,982	\$26,000
<b>Subtotal =</b>											<b>\$217,784</b>	<b>\$28,216</b>	<b>\$246,000</b>

Priority (Lowest Number Is Top Priority)	Agency Location	Bridge Number from Inspection Report	Facility Carried	Feature Intersected	Location	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (ft <sup>2</sup> )	Unit Cost (\$/ft <sup>2</sup> )	Federal Share	Local Share	Total Particip. Cost
<b>Golden State Boulevard</b>													
55	Stanislaus County	38C0141	Golden State Blvd	UPPR	0.1 mi N of Merced Co Line	61.5		Repair AC approach	71,414	0.6	\$39,839	\$5,162	\$45,000
								Repair deck spalls on concrete headers at the hinge joints	71,414	1.6	\$101,810	\$13,191	\$115,000
								Remove AC deck overlay and treat bridge deck with methacrylate**	71,414	5.8	\$367,400	\$47,601	\$415,000
								Repair cracks in abutments**	71,414	0.5	\$30,986	\$4,015	\$35,000

**Subtotal = \$540,033 \$69,967 \$610,000**

NOTE: \*\* Indicates work items that are not listed in the BIRS but are maintenance items that need to be completed based on site inspections

<b>Grand Total =</b>	<b>\$ 2,869,257</b>	<b>\$ 371,743</b>	<b>\$ 3,241,000</b>
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FFY BEYOND	\$2,869,257	\$371,743	\$3,241,000
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