

2016 - 2017 WINTER STORM DAMAGE  
GRANT STATUS FOR ROADS FEMA SITES



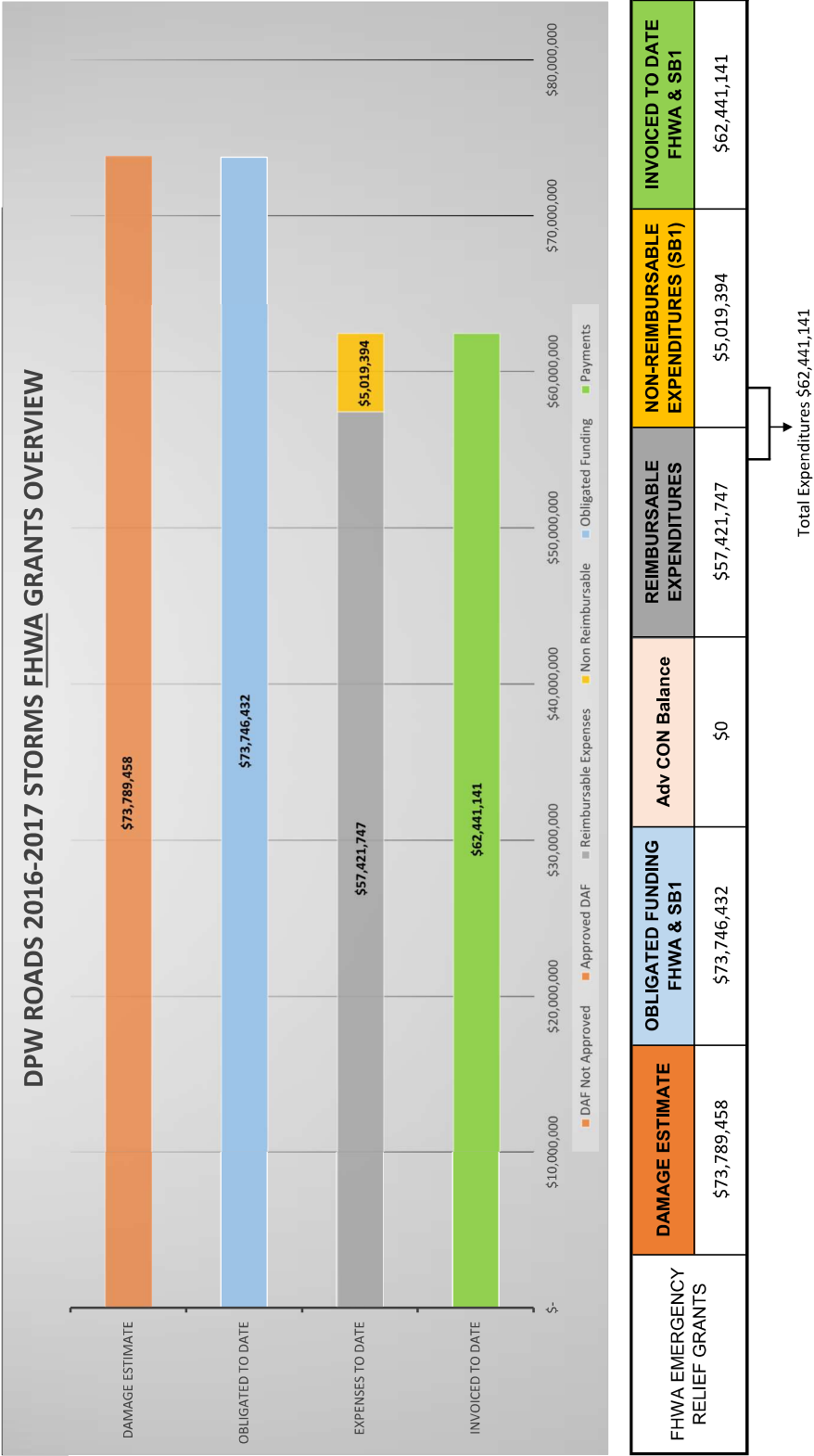
FEMA EMERGENCY RELIEF GRANTS*	DAMAGE ESTIMATE	OBLIGATED FUNDING	REIMBURSABLE EXPENDITURES	NON-REIMBURSABLE EXPENDITURES (SB1)	INVOICED TO FEMA & SB1
	\$59,105,676	\$48,661,041	\$41,582,810	\$4,229,550	\$37,081,637

Total Expenditures \$45,812,360

\* Amounts are for Roads Only

FEMA

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Project #	Priority Rank	Project Name	Project Details	Status	Anticipated Year of Construction	Current Damage Estimate	Obligated DR & SB1 Funding	Expenses to Date	2024-25 Budget
1	P76501	Various Debris Removal-CAT A	Storm debris removal	Completed	Completed	\$5,615,240	\$4,732,120	\$5,615,240	\$0
2	P76502	Various Storm Protective Measures	Storm protective measures	Completed	Completed	\$5,629,527	\$1,141,441	\$5,629,527	\$0
3	P76532	Blue Ridge Drive PM 0.49 PW00076	40' L x 12' D slipout, repair with soldier pile wall and A.C. pavement repair	Completed	Completed	\$304,106	\$379,703	\$304,106	\$0
4	P76533	Canham Road PM 0.52 (PM 0.50) PW00555	Slipout on edge of road	Completed	Completed	\$367,369	\$90,895	\$367,369	\$0
5	P76537	Hubbard Gulch Road PM 0.80 PW00031	40' L slipout, install pier lagging wall, pavement repair, AC dike, drainage system, erosion control	Completed	Completed	\$472,851	\$2	\$472,851	\$0
6	P76541	Lower Highland Way PM 0.34 PW00294	65' L x 25' D slipout, repair with soldier pile wall w/ tiebacks & RSP and road repair	Completed	Completed	\$547,455	\$1,017,713	\$547,455	\$3,000
7	P76542	Redwood Road PM 0.23 PW00339	35' L x 15' H slipout, repair with crib wall and road repair	Completed	Completed	\$441,507	\$603,541	\$441,507	\$0
8	P76544	Trout Gulch Road PM 3.05 (PM 3.03) PW00265	Slipout	Completed	Completed	\$272,612	\$157,406	\$272,612	\$40,953
9	P76545	West Park Avenue PM 0.80 PW00267	15' L slipout, install pier/lagging wall, pavement repair, AC dike, drainage system, erosion control	Completed	Completed	\$375,788	\$599,027	\$375,788	\$218,783
10	P76547	Mt. Charlie Road PM 3.50 PW00516	35' L slipout, install crib wall, pavement repair, AC dike, drainage system, erosion control	Completed	Completed	\$176,001	\$113,576	\$176,001	\$0
11	P76549	Moosehead Drive, Hainline to Stephen PW00026	Road undermined by Aptos Creek	Completed	Completed	\$18,726	\$58,622	\$18,726	\$0
12	P76550	Bean Creek Road PM 2.10 PW00282	Slipout - 48' L x 15' D, install soldier pile wall	Completed	Completed	\$647,422	\$677,994	\$647,422	\$3,000
13	P76552	Cox Road PM 2.03 PW00283	54' L slipout, install pier lagging wall, pavement repair, AC dike, guard rail	Completed	Completed	\$1,058,077	\$1,059,099	\$1,058,077	\$0
14	P76553	Cox Road PM 1.93 PW00084	22' L slipout, install crib wall, pavement repair, AC dike, drainage system	Completed	Completed	\$693,789	\$515,947	\$693,789	\$0
15	P76555	Grove Street - HWY 9 to Lorenzo Avenue PW00287	Pavement/subgrade failure due to flooding and excessive subsurface water	Completed	Completed	\$173,131	\$108,188	\$173,131	\$0
16	P76557	Jarvis Road PM 1.47 PW00030	Slipout - 30' L x 10' D, install soldier pile wall	Completed	Completed	\$68,086	\$224,277	\$68,086	\$0
17	P76558	Jarvis Road PM 1.66 PW00028	Culvert failure	Completed	Completed	\$3,369	\$4,315	\$3,369	\$0
18	P76563	Love Creek Road PM 0.35 Slipout PW00515	Slipout, install concrete crib wall	Completed	Completed	\$246,406	\$52,436	\$246,406	\$0

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19	P76570	Pleasant Valley Road PM 0.98 PW00304	Sinkhole	Completed	Completed	\$7,374	\$6,088	\$7,374	\$0
20	P76573	Schulties Road PM 2.05 PW00340	Slipout	Completed	Completed	\$1,149,067	\$1,014,025	\$1,149,067	\$0
21	P76598	Mountain St E/O Hwy 9 PW00292	Roadbed failure due to flooding	Completed	Completed	\$167,772	\$97,266	\$167,772	\$0
22	P76701	Redwood Road PM 0.29, 0.31, 0.33 PW00908	0.29-Cracking Settling Roadway, 0.31-slipout, 0.33-failed 12" culvert	Completed	Completed	\$1,086,296	\$2,631,341	\$1,086,296	\$902,713
23	P76703	Rockview Drive Storm Drain Outfall PW01017	Sinkhole at storm drain outfall	Completed	Completed	\$174,546	\$21,722	\$174,546	\$0
24	P76705	Trout Gulch Road PM 1.90 PW00530	Large Slipout near cross culvert	Completed	Completed	\$477,790	\$316,322	\$477,790	\$47,308
25	P76706	Trout Gulch Road PM 2.36 PW01406	Small slipout at fallen oak tree	Completed	Completed	\$28,540	\$33,750	\$28,540	\$0
26	P76709	Valencia School Road PM 0.35 PW00966	Slipout with fallen tree	Completed	Completed	\$1,214,687	\$1,216,548	\$1,214,687	\$0
27	P76720	Love Creek Road PM 1.14 PW00951	Slipout, rebuild road with RSP	Completed	Completed	\$34,937	\$108,824	\$34,937	\$0
28	P76721	Mt. Charlie Road PM 0.54 PW01030	Culvert and embankment damaged due to flooding	Completed	Completed	\$122,413	\$43,254	\$122,413	\$0
29	P76722	Mt. Charlie Road PM 1.89 PW00820	40' L road cracking/slipout in progress, install pier/lagging wall, guard rail, AC dike	Completed	Completed	\$119,120	\$31,023	\$119,120	\$0
30	P76725	Two Bar Road PM 1.13 PW00443	Slipout - 70'L x 20'D, install soldier pile wall	Completed	Completed	\$746,904	\$1,073,585	\$746,904	\$3,000
31	P76730	Cathedral Drive PM 1.21 PW00817	Slipout shoulder embankment	Completed	Completed	\$746,514	\$662,551	\$746,514	\$0
32	P76735	Glen Haven Road PM 2.27 PW00705	Slipout 100 x 19	Completed	Completed	\$2,011,498	\$2,347,194	\$2,011,498	\$0
33	P76738	Green Valley Road PM 1.85 PW00452	Large sinkhole due to culvert failure due to flooding	Completed	Completed	\$1,816,768	\$935,632	\$1,816,768	\$248,249
34	P76739	Green Valley Road PM 1.98 PW00957	Sinkhole at bridge abutment	Completed	Completed	\$29,298	\$17,054	\$29,298	\$0
35	P76740	Green Valley Road PM 3.25 PW01078	Crib wall undermined at bridge abutment	Completed	Completed	\$50,378	\$15,036	\$50,378	\$0
36	P76743	Huntington Drive PM 0.55 PW00589	Slipout, structure excavation and backfill, 18" culvert, guardrail, AC pavement, dike, erosion control and revegetation	Completed	Completed	\$51,313	\$53,732	\$51,313	\$0
37	P76746	Loma Prieta Ave PM 2.82 PW01080	Slipout - 20'L x 20'D, install soldier pile wall	Completed	Completed	\$374,560	\$396,323	\$374,560	\$0
38	P76747	Loma Prieta Way PM 3.33 PW00435	Slipout - 60'L x 15'D, install soldier pile wall	Completed	Completed	\$532,894	\$163,307	\$532,894	\$0
39	P76748	Merk Road PM 1.10 PW00963	Slipout- 25'L x 15'D, install soldier pile wall	Completed	Completed	\$98,548	\$56,352	\$98,548	\$0

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40	P76751	Mt. Bache Road PM 0.14 PW00438	40' L x 20' D slipout edge road/shoulder	Completed	Completed	\$685,580	\$508,902	\$685,580	\$220,148
41	P76752	Mt. Charlie Road PM 0.26 PW0697	Slipout shoulder embankment	Completed	Completed	\$995,693	\$1,221,604	\$995,693	\$0
42	P76757	Paper Mill Road Address 3559 PW01040	Slipout 20x30x3	Completed	Completed	\$517,466	\$189,718	\$517,466	\$0
43	P76758	Porter Gulch PM 0.33 PW00706	Slipout - 42'L x 10'D, install soldier pile wall	Completed	Completed	\$407,731	\$386,216	\$407,731	\$0
44	P76764	Schulties Road PM 0.51 PW00767	Slipout 100 x 200 x 17	Completed	Completed	\$1,459,135	\$1,328,659	\$1,459,135	\$0
45	P76765	Siesta Drive PM 0.04 PW00361	Slipout - 20x15	Completed	Completed	\$33,706	\$44,083	\$33,706	\$0
46	P76766	Skyland Road PM 2.41 PW00964	Slipout - 90'L x 24'D, install earth backfill	Completed	Completed	\$271,460	\$282,084	\$271,460	\$0
47	P76767	Skyland Road PM 2.49 PW01105	Slipout - 75'L x 15'D, install soldier pile wall	Completed	Completed	\$172,557	\$95,227	\$172,557	\$0
48	P76771	Stetson Road PM 1.08 PW00439	Slipout - 55'L x 18'D, install soldier pile wall	Completed	Completed	\$506,086	\$1,635,012	\$506,086	\$0
49	P76775	Alta Via Road PM 0.42 PW00444	Cracking road - 42' L x 8' D, soldier pile wall	Completed	Completed	\$674,731	\$450,622	\$674,731	\$0
50	P76776	Buzzard Lagoon Road PM 2.45 PW00816	Severe rutting and erosion	Completed	Completed	\$7,741	\$19,747	\$7,741	\$0
51	P76794	Jarvis Road PM 0.15 PW00590	Slipout - 30'L x 10'D, install soldier pile wall	Completed	Completed	\$42,353	\$63,373	\$42,353	\$0
52	P76796	Lockhart Gulch PM 0.24 PW00446	Slipout - 55'L x 15'D - install crib wall	Completed	Completed	\$906,638	\$724,477	\$906,638	\$0
53	P76797	Lorenzo Avenue Address 12415 PW00592	Slipout & culvert repair	Completed	Completed	\$803,494	\$475,004	\$803,494	\$3,000
54	P76799	Mt. Charlie Road PM 1.35 PW00818	Road settling, remove/replace 45'L x 10'W x 5'D	Completed	Completed	\$81,299	\$31,159	\$81,299	\$0
55	P76800	Nelson Road PM 0.63 PW01089	Culvert repair, excavation and backfill, shoring, 36" HDPE culvert, rock slope protection, AC pavement, erosion control and revegetation	Completed	Completed	\$170,629	\$163,615	\$170,629	\$0
56	P76806	Seacliff Drive PM 0.56 PW01362	Downdrain repair	Completed	Completed	\$13,772	\$84,736	\$13,772	\$0
57	P76809	Spanish Ranch Road PM 0.20 PW00489	30' Long slipout adjacent to existing crib wall	Completed	Completed	\$450,573	\$463,353	\$450,573	\$0
58	P76810	Spanish Ranch Road PM 0.37 PW00487	70' L slipout	Completed	Completed	\$528,012	\$920,846	\$528,012	\$0
59	P76811	Stetson Road PM 1.20 PW00439	Slipout - 58'L x 15'D, install soldier pile wall	Completed	Completed	\$528,090	\$78,702	\$528,090	\$0
60	P76812	Trout Gulch Road PM 1.16 PW00488	Slipout - 40'x20'	Completed	completed	\$607,739	\$729,402	\$607,739	\$3,000
61	P76813	Trout Gulch Road PM 1.18 PW01004	Broken downdrain & slipout	Completed	Completed	\$439,058	\$113,718	\$439,058	\$3,000
62	P76814	Trout Gulch Road PM 1.85 PW00529	Slipout - 50'x15'	Completed	Completed	\$458,151	\$231,329	\$458,151	\$70,135

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63	P76818		Fairway Drive @ Maretta Drive PW00946	Road was uplifted due to large diameter fallen eucalyptus tree	Completed	Completed	\$160,215	\$13,266	\$160,215	\$0
64	P76828		China Grade PM 1.35 PW00921	Shoulder embankment and road failure, culvert failure	Completed	Completed	\$120,444	\$268,355	\$120,444	\$0
65	P76836		Lompico Road PM 1.85 PW01085	Slipout, structure excavation and backfill, rock slope protection, AC pavement, erosion control and revegetation	Completed	Completed	\$186,366	\$248,822	\$186,366	\$0
66	P76837		Memory Lane PM 0.32 PW00947	Subsurface water destroyed road, install french drain, culvert and new roadbed section	Completed	Completed	\$127,490	\$63,423	\$127,490	\$0
67	P76846		Peckham Road PM 0.18 PW00587	Slipout 70' long x 4' deep with failed culvert	Completed	Completed	\$52,317	\$58,023	\$52,317	\$0
68	P76847		Bear Valley Road PM 0.20 PW00938	Remove and reset culvert, excavation, backfill, base layer and asphalt	Completed	Completed	\$8,872	\$18,387	\$8,872	\$0
69	P76852		Old Bear Creek Road PM 0.01 PW00815	Slipout	Completed	Completed	\$693,493	\$710,168	\$693,493	\$3,000
70	P76750		Morrell Road PM 0.14 & 0.15 PW00436	Slipout - 102' L - install stitch pile wall	Completed	Completed	\$225,278	\$725,803	\$225,278	\$0
71	P76761		Redwood Road PM 0.15 PW00707	50' L x 17' D slipout road edge/shoulder embankment next to creek	Completed	Completed	\$474,500	\$837,097	\$474,500	\$408,154
72	P76568		Nelson Road PM 0.43 Slipout PW00117	Slipout	Completed	Completed	\$422,706	\$46,763	\$236,434	\$273,050
73	P76594		Kings Creek Road PM 1.65 PW00027	Broken down drain & slipout - install gabion baskets or RSP, backfill and reinstall HDPE SD	Completed	Completed	\$55,000	\$9,679	\$9,794	\$0
74	P76704		Spring Valley Road PM .18 PW00660	Flooding due to sediment in creek	Completed	Completed	\$496,257	\$17,914	\$29,992	\$0
75	P76534		Schulties Road PM 1.14 PW00661	Damage to existing retaining structure	Completed	Completed	\$439,615	\$291,700	\$439,615	\$99,200
76	P76586		Gaffey Road PM 0.03, 0.04, & 0.08 PW00955	Slipout	Completed	Completed	\$668,884	\$92,750	\$17,401	\$0
77	P76802		Rider Road PM 0.38 PW00486	Minor slipout of existing RSP and oversize drain	Completed	Completed	\$70,717	\$44,291	\$11,208	\$3,000
78	P76853		San Andreas Road PM 2.14 PW01102	Failed 36-inch culvert due to storm flows	Completed	Completed	\$190,000	\$15,365	\$17,878	\$0
79	P76798		Morrell Road PM 0.50 PW00437	Slipout - 30' L x 15' W x 10' T, install MSW wall	Completed	Completed	\$216,603	\$12,199	\$1,665	\$0
80	P76702		Redwood Road PM 0.38 & 0.40 PW00971	0.38-Slipout, 0.40 failed concrete block wall to large culvert	Completed	Completed	\$888,478	\$788,571	\$43,536	\$856,038
81	P76795		Little Basin Road PM 0.85 PW00434	Slipout	Completed	Completed	\$1,000,000	\$918,254	\$160,898	\$1,041,400
82	P76540		Little Basin Road PM 0.64 PW00288	35' L slipout, pier lagging wall, AC dike, drainage system, pavement repair, erosion control	Completed	Completed	\$600,000	\$472,243	\$153,474	\$812,800

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83	P76753 to 54	7	Old Santa Cruz Hwy PM 1.01, 1.06, 1.20, 1.36 PW00485	Slipout - 50' L x 25' D, install soldier pile wall	2 - Completed 2 - Bid & Award	2025	\$3,900,000	\$3,639,500	\$1,826,848	\$1,681,000
84	P76559	7	Kings Creek Road PM 3.03 PW00576	18' L slipout, install soldier pile wall, guard rail, pavement repair, erosion control	Bid & Award	2025	\$500,000	\$382,638	\$112,258	\$25,000
85	P76759	7	Prescott Road PM 0.52 PW00988	Slipout, install soldier pile wall	Bid & Award	2025	\$500,000	\$400,796	\$85,622	\$269,120
86	P76719	11	Lompico Road PM 2.38 PW00591 SZ5C05C	25' L slipout, install cribwall, guard rail, AC dike	Bid & Award	2026	\$500,000	\$407,088	\$130,967	\$217,955
87	P76560	10	Kings Creek Road PM 3.16 PW00284	100' L slipout, install stitch pile wall, underdrain, AC pavement & dike, guard rail, erosion control	Bid & Award	2025	\$662,245	\$574,307	\$108,567	\$725,424
88	P76578	11	Swanton Road PM 0.72 Culvert PW00350	Failure culvert and headwall	In Design	2027	\$820,000	\$284,429	\$521,027	\$442,472
89	P76543	9	Swanton Road PM 3.00 PW00264	60' L slipout, install pier/lagging wall, pavement repair, AC dike, drainage system, guard rail	In Design	2027	\$950,000	\$827,330	\$122,219	\$25,000
90	P76546	9	Nelson Road PM 0.44	Road washout due to clogged culvert/flooding	In Design	2027	\$1,000,000	\$675,272	\$517,159	\$1,025,011
91	P76538	7	Jarvis Road PM 0.64 PW00024	Slipout	In Design	2027	\$2,000,000	\$1,995,320	\$63,899	\$25,000
92	P76556	7	Jarvis Road PM 1.02, 1.04, 1.07 PW00029	Slipout	In Design	2027	\$300,000	\$247,222	\$99,830	\$30,000
93	P76564	5	Miller Cutoff Road PM 0.49 PW00459	Slipout - 75' L x 12' D, install soldier pile wall	In Design	2025	\$1,073,023	\$540,351	\$97,108	\$1,287,628
94	P76804	3	River Road - Boulder Creek PM 0.28	Cracking road - Install soldier pile wall 150' L x 6' tall w/ french drain	Denied	Next Step TBD	\$583,337	\$6,907	\$35,440	\$0
95	P76778	4	Cox Road @ Valencia Road PM 0.00 PW00431	20' L slipout and failed down drain	Denied	Next Step TBD	\$305,464	\$7,986	\$6,173	\$0
FEMA Project Totals							\$59,105,676	\$48,661,041	\$45,812,360	\$11,016,541

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1	P76507		Vine Hill Road PM 1.18	Slipout, structure excavation and backfill, soldier pile wall, AC pavement, dike, guardrail, rock slope protection, erosion control and revegetation	Completed	Completed	\$928,899	\$951,904	\$928,899	\$0
2	P76509		Branciforte Drive PM 1.77	50' L x 60' W x 10' D slipout, repair with engineered fill, A.C. dike and overside drain	Completed	Completed	\$550,000	\$546,665	\$534,279	\$0
3	P76510		Ice Cream Grade PM 1.55	42' L slipout, install MSE wall, pavement repair, erosion control	Completed	Completed	\$500,000	\$488,620	\$450,514	\$23,090
4	P76511		Bear Creek Road 0.20	Road embankment slipout damaged a portion of the road and existing culvert, replace existing culvert and provide an MSE retaining structure	Completed	Completed	\$3,207,621	\$3,278,307	\$3,207,621	\$0
5	P76512		N. Rodeo Gulch PM 0.92	Road embankment slipout damaged a portion of the road, soldier pile retaining wall	Completed	Completed	\$1,401,000	\$1,400,164	\$2	\$0
6	P76513		Jamison Creek Road PM 0.70	Road embankment slipout, soldier pile wall repair	Completed	Completed	\$1,003,292	\$1,027,516	\$1,003,292	\$0
7	P76514		Smith Grade Road PM 1.38	Road slump, slurry and earth backfill repair	Completed	Completed	\$151,704	\$76,572	\$151,704	\$0
8	P76516		Felton Empire Road PM 1.62	40' L slipout, install crib wall, guard rail, AC dike, pavement repair, erosion control	Completed	Completed	\$710,686	\$723,817	\$710,686	\$0
9	P76517		Alba Road PM 0.73	Roadway settlement with large cracks	Completed	Completed	\$1,069,063	\$941,711	\$1,069,063	\$0
10	P76518		Alba Road PM 1.58	75' x 60' deep slipout	Completed	Completed	\$1,203,910	\$1,239,537	\$1,203,910	\$0
11	P76524		Highland Way at Spanish Ranch	Failure of 3' culvert and associated slipout	Completed	Completed	\$982,117	\$1,014,144	\$979,117	\$3,000
12	P76528		Bear Creek Road PM 8.02	Flooding caused loss of eastbound lane and embankment, restore lane, culvert w/ soldier pile wall, pavement	Completed	Completed	\$1,100,000	\$1,017,321	\$970,983	\$0
13	P76529		Glenwood Drive PM 2.62	58' x 20' deep slipout of one lane	Completed	Completed	\$975,983	\$955,951	\$975,983	\$0
14	P76531		Valencia at Trout Gulch	Repair of roadway, embankment and culvert. Install single lane temporary bridge, shoring, structure excavation and backfill, replace multi plate culvert with reinforced concrete box culvert, roadway excavation, AC pavement, aggregate base, erosion control and revegetation.	Completed	Completed	\$7,400,000	\$7,337,934	\$7,262,420	\$3,500
15	P76551		Branciforte Drive PM 2.22	Slipout - 60'x15'	Completed	Completed	\$937,654	\$884,011	\$934,654	\$3,000
16	P76562		Laurel Road PM 1.97	Slipout adjacent to existing crib wall	Completed	Completed	\$483,132	\$449,228	\$483,132	\$0
17	P76565		N. Rodeo Gulch PM 4.31	Slipout 40' x 20', recommend pile wall	Completed	Completed	\$723,098	\$720,640	\$690,514	\$3,000
18	P76566		N. Rodeo Gulch PM 4.94	Slipout	Completed	Completed	\$730,000	\$698,198	\$675,735	\$0



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19	P76571	Redwood Lodge Road PM 1.65	Slipout along face of existing stitch pile wall	Completed	Completed	\$231,046	\$231,409	\$231,046	\$0
20	P76572	Redwood Lodge Road PM 2.02	Long slipout - area has landslide/ settlement issues	Completed	Completed	\$2,000,000	\$2,016,593	\$1,927,674	\$0
21	P76575	Smith Grade Road PM 2.83	Failed cross culvert	Completed	Completed	\$160,730	\$69,616	\$161,206	\$0
22	P76576	Smith Grade Road PM 0.43	Slipout/settlement pavement separation	Completed	Completed	\$462,547	\$495,758	\$321,368	\$14,995
23	P76584	East Zayante PM 0.59	Failed cross culvert with minor slipout	Completed	Completed	\$454,132	\$175,860	\$454,132	\$0
24	P76585	East Zayante PM 4.33	Slipout, replace 18" HDPE culvert, headwalls, AC, aggregate base, rock slope protection, erosion control and revegetation	Completed	Completed	\$264,824	\$406,201	\$264,824	\$0
25	P76589	Glenwood Drive PM 4.27	Failed 24"x40' culvert	Completed	Completed	\$63,000	\$63,157	\$36,332	\$0
26	P76596	Lompico Road PM 0.22	Slipout - 80' L, soldier pile wall	Completed	Completed	\$990,000	\$990,250	\$919,182	\$3,000
27	P76597	McGregor Road PM 1.35	Minor slipout due to overtopping - 15' W x 25' T (Additional 2020 Damage)	Completed	Completed	\$154,237	\$166,921	\$154,237	\$0
28	P76710	Bear Creek Road PM 2.12	26' W slipout, repair with crib wall	Completed	Completed	\$1,005,879	\$732,921	\$717,730	\$0
29	P76711	Bear Creek Road PM 4.99	Slipout	Completed	Completed	\$781,000	\$852,452	\$642,007	\$0
30	P76712	Bear Creek Road PM 7.26	Slipout, shoulder embankment	Completed	Completed	\$569,797	\$612,425	\$569,797	\$0
31	P76714	Granite Creek Road PM 1.66	2 slipouts 10' & 40' L x 10' T by culvert, recommend rsp	Completed	Completed	\$6,646	\$1,503	\$6,646	\$0
32	P76715	Ice Cream Grade PM 1.60	Road cracking/slipout in progress	Completed	Completed	\$575,134	\$629,377	\$456,596	\$12,049
33	P76716	Jamison Creek Road PM 0.80	Slipout - 80'L x 8'D, install soldier pile wall	Completed	Completed	\$940,546	\$972,032	\$940,546	\$0
34	P76717	Jamison Creek Road PM 1.09	Slipout - 49' L x 8' D, install soldier pile wall	Completed	Completed	\$769,862	\$806,719	\$769,862	\$0
35	P76718	Jamison Creek Road PM 1.44	150'L slipout, install stitch pile wall	Completed	Completed	\$1,765,000	\$1,897,607	\$1,183,464	\$0
36	P76723	Soquel at Aptos Street	Roadway and shoulder repair, construct MSE wall, structure excavation and backfill, AC pavement and dike, midwest guardrail system, erosion control and revegetation	Completed	Completed	\$1,100,000	\$1,048,378	\$1,005,267	\$0
37	P76727	Valencia Road PM 2.43	Slipout, recommend soil nail wall repair w/ RSP (Additional 2020 Damage)	Completed	Completed	\$4,154,765	\$4,004,885	\$3,900,902	\$3,500

**2016-2017 WINTER STORM DAMAGE  
GRANT STATUS FOR ROADS FHWA SITES**

	Project #	Priority Rank	Project Name	Project Details	Status	Anticipated Year of Construction	Current Damage Estimate	FHWA Obligations & SB1 Funding	Expenses to Date	2024-25 Budget
38	P76734		Eureka Canyon PM 7.71	Slipout 35' L, large tree fell causing loss of stability and creating slump in embankment - structural excavation and backfill, AC pavement, dike, erosion control and revegetation	Completed	Completed	\$995	\$0	\$995	\$0
39	P76741		Highland Way PM 3.91	Slipout edge of road/shoulder embankment - 25' W x 15' D	Completed	Completed	\$622,326	\$655,413	\$622,335	\$0
40	P76744		Laurel Glen Road PM 1.97	Slipout 25 x 3	Completed	Completed	\$766,558	\$784,804	\$766,558	\$0
41	P76760		Redwood Lodge Road PM 1.50	Slipout 50 x 150 x 10	Completed	Completed	\$641,000	\$698,087	\$533,750	\$0
42	P76762		San Andreas PM 1.24	45' L x 30' D slipout of shoulder/embankment	Completed	Completed	\$634,975	\$542,756	\$522,698	\$0
43	P76763		San Andreas Road PM 1.30	Slipout over culvert (investigate culvert further)	Completed	Completed	\$166,560	\$127,687	\$166,560	\$0
44	P76768		Soquel San Jose PM 3.97	Slipout, soldier pile wall, structure excavation and backfill, 12" drain, AC pavement, guardrail, rock slope protection, erosion control and revegetation	Completed	Completed	\$609,000	\$658,725	\$571,945	\$0
45	P76769		Soquel San Jose PM 5.67	Slipout 8 x 30 x 5	Completed	Completed	\$541,104	\$548,620	\$541,104	\$0
46	P76774		Vine Hill Road PM 1.27	Slipout 50' x 80' x 5'	Completed	Completed	\$897,933	\$846,945	\$897,933	\$0
47	P76781		Felton Empire Road PM 2.62	Slipout, install 77' L x 10' T soldier pile wall	Completed	Completed	\$540,971	\$561,351	\$540,971	\$0
48	P76783		Glenwood Drive PM 2.60	Concrete wall leaning, road cracking, install crib wall	Completed	Completed	\$400,000	\$381,585	\$360,539	\$0
49	P76787		Highland Way PM 5.45	70' L slipout	Completed	Completed	\$893,431	\$947,710	\$893,431	\$0
50	P76793		Ice Cream Grade PM 1.36	Slipout - 105'L x 8'D, install soldier pile wall	Completed	Completed	\$419,000	\$467,181	\$373,860	\$14,374
51	P76815		Valencia Road PM 0.34	Slipout - 60' x 15'	Completed	Completed	\$1,237,862	\$1,085,710	\$1,237,862	\$0
52	P76816		Laurel Glen Road PM 1.52	Road subgrade/structural section failure due to flooding	Completed	Completed	\$256,790	\$269,471	\$256,916	\$0
53	P76817		Highland Way PM 3.24	Damaged down drain due to slide material	Completed	Completed	\$198,955	\$207,789	\$198,955	\$0
54	P76819		Bear Creek Road PM 7.0	Slipout - 25' LF	Completed	Completed	\$456,895	\$474,811	\$456,895	\$0
55	P76820		Browns Valley Road PM 2.14	Crib Wall lost fill, still standing	Completed	Completed	\$143,985	\$172,381	\$143,985	\$0
56	P76823		Highland Way PM 3.19	Slide 200' L, structural excavation and backfill, steel soldier pile wall, drain, guard rail, AC pavement, dike, erosion control and revegetation	Completed	Completed	\$911,951	\$1,031,654	\$911,951	\$0
57	P76824		Highland Way PM 3.73	Small slipout shoulder embankment	Completed	Completed	\$573,865	\$619,342	\$573,865	\$0
58	P76826		Mt. Madonna Road PM 0.96	Failed Culvert - 6' Diameter x 30 LF	Completed	Completed	\$100,000	\$78,973	\$55,837	\$0

**2016-2017 WINTER STORM DAMAGE  
GRANT STATUS FOR ROADS FHWA SITES**

Project #	Priority Rank	Project Name	Project Details	Status	Anticipated Year of Construction	Current Damage Estimate	FHWA Obligations & SBI Funding	Expenses to Date	2024-25 Budget
59	P76831	Felton Empire Road PM 1.4	Slipout, structure excavation and backfill, soldier pile wall, AC pavement, dike, guardrail, erosion control and revegetation	Completed	Completed	\$725,840	\$832,188	\$725,840	\$0
60	P76845	Paulsen Road PM 0.43	culvert failure - 50 LF x 3 FT DIA.	Completed	Completed	\$411,287	\$278,714	\$411,287	\$3,000
61	P76848	Branciforte Drive PM 0.92	Slipout, 50'L, structure excavation and backfill, crib wall, drain, rock slope protection, AC, dike, erosion control and revegetation	Completed	Completed	\$843,070	\$555,296	\$677,819	\$0
62	P76603	Glen Haven Rd PM 0.81	Slipout	Completed	Completed	\$938,003	\$1,140,665	\$938,003	\$0
63	P76604	Cabrillo College Dr PM 0.5	Slipout (DEC 2016 Storm)	Completed	Completed	\$131,014	\$142,577	\$131,014	\$0
64	P76605	Soquel San Jose PM 5.36	Slipout (DEC 2016 Storm)	Completed	Completed	\$529,243	\$616,482	\$529,243	\$0
65	P76724	Soquel San Jose PM 5.91	Large slide below road includes one vehicle travel lane	Completed	Completed	\$555,196	\$381,647	\$555,196	\$0
66	P76527	Hazel Dell Road PM 2.08	Slipout, failure of previous damage site	Completed	Completed	\$1,754,355	\$2,046,067	\$1,710,538	\$43,817
67	P76588	Granite Creek Road PM 2.10	Slipout 15' W x 20' T, recommend wall	Completed	Completed	\$150,000	\$255,544	\$74,480	\$3,000
68	P76590	Hazel Dell Road PM 2.00	Large Slipout/ landslide 85' L x 10' D, slip potential, stitch pile	Completed	Completed	\$650,629	\$988,023	\$913,689	\$51,723
69	P76591	Hazel Dell Road PM 2.16	Settling roadway 85' L, possible cross culvert damage	Completed	Completed	\$1,872,406	\$2,054,344	\$1,652,126	\$40,413
70	P76592	Hazel Dell Road PM 2.21	Falling crib wall - 50' L x 12' tall	Completed	Completed	\$1,500,000	\$1,523,032	\$1,136,893	\$33,770
71	P76593	Hazel Dell Road PM 2.58	Failed crib wall	Completed	Completed	\$1,324,231	\$1,279,484	\$1,324,231	\$28,869
72	P76785	Hazel Dell Road PM 2.13	Slipout - 30' W by 10' D	Completed	Completed	\$705,543	\$810,631	\$619,790	\$48,175
73	P76786	Hazel Dell Road PM 2.37	Slipout embankment settlement	Completed	Completed	\$1,388,901	\$1,441,063	\$958,142	\$57,669
74	P76807	Smith Grade Road PM 0.52	Slipout	Completed	Completed	\$322,991	\$356,189	\$320,574	\$775,246
75	P76574	Smith Grade Road PM 1.90	3' diameter sinkhole	Completed	Completed	\$81,823	\$67,234	\$81,823	\$0
76	P76855	8 Redwood Lodge Road PM 1.80	Slipout and culvert damage, structure excavation and backfill, concrete headwall, culvert, guard rail, AC pavement, dike, erosion control and revegetation - PE phase only	Completed	Completed	\$405,043	\$715,043	\$403,173	\$0
77	P76732	8 Eureka Canyon PM 5.33	Slipout embankment shoulder adjacent to creek	Bid & Award	2025	\$347,568	\$351,936	\$71,508	\$350,000
78	P76782	6 Glenwood Drive PM 2.02	Slope failure below existing pile wall	Bid & Award	2025	\$162,480	\$86,025	\$17,311	\$120,000
79	P76519	7 Eureka Canyon PM 3.16	Failure of 3' culvert and associated slipout	Bid & Award	2025	\$489,050	\$471,820	\$119,051	\$586,860

**2016-2017 WINTER STORM DAMAGE  
GRANT STATUS FOR ROADS FHWA SITES**

	Project #	Priority Rank	Project Name	Project Details	Status	Anticipated Year of Construction	Current Damage Estimate	FHWA Obligations & SB1 Funding	Expenses to Date	2024-25 Budget
80	P76520	9	Eureka Canyon PM 3.36	Major slipout (30') with signs of potential deep seated landslide for additional 70'	Bid & Award	2025	\$796,248	\$835,256	\$239,215	\$955,498
81	P76526	10	N. Rodeo Gulch PM 3.82	Slipout 50 LF, tie-back soldier pile retaining wall, structure excavation and backfill, AC pavement, dike, guardrail, rock slope protection, erosion control and revegetation	Bid & Award	2025	\$700,000	\$685,536	\$105,011	\$521,219
82	P76713	8	Eureka Canyon PM 5.05	Slipout - 25' x 12'	Bid & Award	2025	\$242,597	\$245,208	\$54,146	\$300,000
83	P76736	6	Granite Creek Road PM 0.47	Slipout 50 x 10 x 5 with overside drain	Bid & Award	2026	\$83,212	\$73,119	\$17,679	\$0
84	P76777	5	Casserty Road PM 2.93	Slipout - 80'L x 10'D, install soldier pile wall	Bid & Award	2025	\$765,000	\$760,658	\$190,182	\$847,923
85	P76779	8	Eureka Canyon PM 4.67	Slipout	Bid & Award	2025	\$390,000	\$387,323	\$54,855	\$457,548
86	P76554	8	Glenwood Cutoff PM 0.02	35' L slipout, install crib wall, new pavement, AC dike, erosion control	Bid & Award	2025	\$890,000	\$362,777	\$264,749	\$1,068,000
87	P76822	5	Casserty Road PM 3.39	Slipout - 20' W x 15' D	Bid & Award	2025	\$130,268	\$127,221	\$40,912	\$156,322
88	P76515	8	Upper East Zayante Road PM 1.68	slipout - 45' L X 10' D, soldier pile wall	In Design	2027	\$900,000	\$808,717	\$158,371	\$4,000
89	P76577	8	Smith Grade Road PM 4.06	12' L slipout, install pier and lagging wall, AC dike, pavement repair, erosion control	In Design	2027	\$350,000	\$316,588	\$56,303	\$0
90	P76580	6	Browns Valley Road PM 2.93	Slipout - 25'L x 10'D, install soldier pile wall	In Design	2027	\$112,000	\$95,081	\$34,977	\$25,000
91	P76780	8	Eureka Canyon PM 8.39	Slipout - 50' x 20'	In Design	2027	\$700,000	\$684,725	\$130,705	\$2,000
92	P76834	9	Lompico Road PM 0.80	Slipout, structure excavation and backfill, rock slope protection, guardrail terminal system, erosion control and revegetation	In Design	2027	\$135,000	\$121,314	\$51,340	\$20,000
93	P76835	9	Lompico Road PM 1.22	Slipout, structure excavation and backfill, crib wall, rock slope protection, guardrail, AC pavement, dike, erosion control and revegetation	In Design	2027	\$450,000	\$432,633	\$79,039	\$20,000
94	P76606	7	Jamison Creek Rd. PM 1.61	Slipout (DEC 2016 Storm)	In Design	2026	\$335,000	\$328,974	\$67,654	\$250,000
<b>FHWA Project Totals</b>							<b>\$73,789,458</b>	<b>\$73,746,432</b>	<b>\$62,441,141</b>	<b>\$6,853,560</b>