

Appendix A

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2017 WINTER STORM STATUS UPDATE

EVENT HISTORY

Significant natural events that occurred in FY 2016-17, including the 2016 Soberanes Fire and the 2017 Winter Storms, caused major damage to County roads, lands, and infrastructure. On January 19, 2017, the Board adopted a resolution to ratify the County Administrative Officer's Proclamation of a Local Emergency of atmospheric river events occurring between January 4 and January 12, 2017. On February 22, 2017, the Board adopted an additional resolution to ratify the Proclamation of a Local Emergency, dated February 15, 2017, for atmospheric river events, which occurred between February 7 through February 20, 2017. The County received a Major Disaster Declaration from the Federal Emergency Management Agency (FEMA) for the January storms on February 14, 2017 (referred to as FEMA 4301-DR-CA event) and April 1, 2017 (referred to as 4308-DR-CA event) for the February storms.

The historic and unprecedented winter storms of January and February 2017 and the Soberanes Fire caused approximately \$62,746,243 in damages to Monterey County infrastructure. The damages were further exacerbated in some areas by exposed sediment and debris remaining from the Soberanes Fire of 2016. The compound effect of these events resulted in the need for a comprehensive approach to clean, reconstruct, and repair infrastructure under the cooperation and coordination of County, State, and Federal agencies.

FEMA/FHWA FUNDING STATUS

Accepted and/or Obligated Projects

The County submitted 119 projects to FEMA or the Federal Highway Administration (FHWA) for needed cleanup, reconstruction, or repair with estimated costs of \$62,746,243. FEMA/FHWA has accepted 70 projects with eligible costs of \$28,926,721. Of those projects, 65 are also FEMA/FHWA obligated, meaning funds have been set aside for the projects in the amount of \$21,700,297. The five (5) projects not yet obligated are pending FEMA's Environmental and Historic Preservation (EHP) Review, but FEMA/FHWA have accepted eligible costs of \$3,665,857. In order to complete all 70 accepted projects, the County's contribution is estimated at \$25,195,843. For those accepted and obligated projects, the County has received reimbursements to date of \$12,517,444. (*Refer to Table 1*)

Table 1

FEMA/FHWA ACCEPTED PROJECTS						
NO.	NAME/LOCATION	COST ESTIMATE	FEMA/ FHWA ACCEPTED ESTIMATE	OBLIGATED FOR REIMB.	COUNTY SHARE	REIMBURSED TO DATE
1	Soberanes Fire Expenses	1,531,446	1,462,127	721,302	810,144	721,302
2	Alisal Road	167,597	79,904	74,909	92,688	74,909
3	Boronda Road	38,394	33,825	31,710	6,684	31,710
4	Cachagua Road	2,104,526	1,578,152	1,509,108	595,418	1,361,157
5	Cachagua Road - Emergency Protective Measures	169,516	123,568	118,162	51,354	2,317
6	Category B - Palo Colorado	854,065	552,444	528,273	325,792	476,482
7	Coast Road Between MP 4.01, MP 5.24, MP 5.40	198,505	186,155	178,010	20,495	178,010
8	Debris Removal - Lake Nacimiento	37,400	25,000	23,907	13,493	23,907
9	Debris Removal January	1,940,671	1,940,671	1,855,767	84,904	1,855,767
10	E. Dunbarton Road	12,021	9,902	9,282	2,739	9,282
11	Elkhorn Road 1.58-1.81	1,399,764	1,173,403	1,100,065	299,699	1,012,060
12	EMP - EOC Ops Sandbag Ops & Big Sur Airlift	46,912	46,912	43,979	2,933	43,979
13	EOC and Sandbag Preparation & Distribution	25,480	25,480	23,888	1,592	23,888
14	Frudden Road	13,258	13,258	12,429	829	12,429
15	Garrapatos Road	248,759	196,007	187,430	61,329	187,430
16	Iverson Road Sinkhole	117,460	85,697	80,340	37,120	80,340
17	Levees, Motor and Patrolling (Pajaro Levee)	2,567,870	5,842	5,586	2,562,284	5,586
18	Madison Lane 50%	489,634	172,298	164,760	324,874	164,760
19	Meridian @ Ormart	46,606	39,350	36,890	9,716	36,890
20	Old San Miguel	16,595	16,595	15,868	727	15,868
21	Robinson Canyon Road	1,169,979	814,210	778,587	391,392	702,255
22	San Lorenzo Park	4,967	4,967	4,656	311	4,656
23	Seca Place Road Damage	47,377	23,146	21,699	25,678	21,699
24	Tarpey Road MP 2.6	55,580	53,124	49,804	5,776	49,804
25	Tarpey Road MP 3.05	58,029	47,937	44,940	13,089	44,940
26	Tustin road	89,337	44,914	42,106	47,231	42,106
27	Walker Valley Road MP .1	122,630	115,894	110,823	11,807	110,823
28	Corral De Tierra	121,872	121,872	110,554	11,318	110,554
29	Hall Road Sinkhole @Johnson Rd	235,922	235,922	213,019	22,903	213,019
30	Cathedral Oak Road	275,000	69,895	65,526	209,474	65,526
31	Countywide Damaged Signs	32,651	32,651	30,609	2,042	30,609
32	Debris Removal February	4,015,001	4,015,000	3,839,344	175,657	3,839,344
33	Echo Valley Road	275,000	76,309	71,539	203,461	71,539
34	Lake Nacimiento	64,079	64,080	60,074	4,005	60,074
35	Meridian Road and Archer	70,421	70,421	66,019	4,402	66,018
36	Palo Colorado MP 3.3 (Rocky Creek)	6,958,567	3,301,926	3,157,466	3,801,101	61,911
37	Pescadero Road	200,000	42,952	40,266	159,734	40,266
38	Royal Oaks Park	30,000	13,400	12,561	17,439	12,561
39	San Jerardo Control System & Fire Pump	188,131	650	609	187,522	609
40	Toro Road	850,000	503,873	472,380	377,620	9,448
41	Viejo Road	800,000	466,172	445,777	354,223	8,741
42	Hall Road @Sill Road	531,269	531,269	108,339	422,930	-
43	Moro - Aromas Road @Blohm Rd	372,680	372,680	98,812	273,868	-
44	San Juan Road @Aromas Rd	224,055	224,055	105,206	118,849	32,874
45	Upper San Juan Road @MP 8.6	537,600	537,600	476,589	61,011	5,673
46	Hall @ Las Pini Road	604,877	604,877	99,921	504,956	17,698

Table 1 (Continued)

FEMA/FHWA ACCEPTED PROJECTS						
NO.	NAME/LOCATION	COST ESTIMATE	FEMA/ FHWA ACCEPTED ESTIMATE	OBLIGATED FOR REIMB.	COUNTY SHARE	REIMBURSED TO DATE
47	Hall Road @ Las Lomas Rd	497,525	497,525	128,214	369,311	-
48	Hartnell Road	126,308	44,586	42,635	83,673	42,635
49	Argyle Road	75,000	28,288	26,520	48,480	26,520
50	Blackie Road	400,000	288,273	270,256	129,744	15,285
51	Carmel Valley Road MP 27.4	145,000	115,830	108,590	36,410	108,590
52	Coast Road at Hwy 1 (5) Engineering	298,132	298,133	279,499	18,633	5,590
53	Indian Valley Road	200,000	81,565	76,467	123,533	76,467
54	Los Burros Road	500,000	444,370	416,596	83,404	8,332
55	Los Burros Road Damage	661,376	661,376	620,040	41,336	12,401
56	Meridian @ Dire Road	81,317	81,317	76,234	5,083	76,234
57	Palo Colorado 4.0-7.4, Culvert Repair	600,000	38,578	36,889	563,111	36,889
58	Palo Colorado MP 4.0-7.4	250,000	61,732	57,874	192,126	57,874
59	Palo Colorado MP 4.7-7.2 January Slipout	2,037,344	1,212,759	1,136,960	900,384	22,739
60	Parkfield Coalinga Road	50,000	28,090	26,334	23,666	26,334
61	Peach Tree Road	506,822	506,822	475,145	31,677	9,503
62	Pleyto Cemetery Road	259,976	259,976	248,603	11,373	-
63	Toro Park Trail & Boat Launch Road	50,000	47,488	44,520	5,480	44,520
64	Palo Colorado Hwy 1-3.2	400,000	357,974	335,600	64,400	6,712
65	Metz Road	49,800	49,800	44,431	5,369	-
Subtotal - Accepted & Obligated		37,150,102	25,260,864	21,700,297	15,449,805	12,517,444
66	Cachagua Road MP 9.5	200,000	69,350	-	200,000	-
67	Coast Road (non-engineering) Other 8	461,200	318,506	-	461,200	-
68	Kirby Road	850,000	824,936	-	850,000	-
69	Palo Colorado MP 4.0-7.4	8,000,000	2,218,227	-	8,000,000	-
70	Tassajara Road at MP 14.0	234,838	234,838	-	234,838	-
Subtotal - Accepted		9,746,038	3,665,857	-	9,746,038	-
Total Accepted Projects		46,896,140	28,926,721	21,700,297	25,195,843	12,517,444

Pending FEMA Determination Projects

Two (2) projects, Giberson Road Sinkhole and Iverson Road are pending FEMA determination, with a cost estimate of \$290,000. If FEMA determines these projects are ineligible, the projects will be programmed into the Road Fund's Annual Work Program and prioritized against the many other urgent County road and bridge projects. (Refer to Table 2)

Table 2

PENDING FEMA/FHWA DETERMINATION						
NO.	NAME/LOCATION	COST ESTIMATE	FEMA/ FHWA ACCEPTED ESTIMATE	OBLIGATED FOR REIMB.	COUNTY SHARE	REIMBURSED TO DATE
1	Giberson Road Sinkhole	90,000	-	-	90,000	-
2	Iverson Road	200,000	-	-	200,000	-
Total Pending Determination		290,000	-	-	290,000	-

Ineligible Projects

FEMA/FHWA has deemed 47 projects ineligible, with estimated project costs of \$15,560,103. Approximately half of the ineligible projects required some level of response/service, which resulted in ineligible expenditures totaling \$1,993,412. Ineligible projects fall into one of four classifications and incurred expenditures as follows:

- 9 Ineligible projects with Board approved funding (\$799,070);
- 36 Ineligible projects with no funding (\$200,616);
- 1 Ineligible project under appeal with FEMA (\$437,488); and
- 1 Ineligible project with a Board approved loan & pending insurance claim (\$556,238).

The Road Fund has incurred \$200,616 in expenditures for ineligible project costs that RMA deemed necessary during the initial response to the winter storm events. Of those costs, a nominal amount was spent by staff originally assessing damages in the amount of \$27,324. The remaining amount was spent on two (2) projects: Toro Park Maintenance/Emergency Response (\$71,866) and Old Stage Road (\$101,426). Toro Park required debris removal, repairs to eroded stairs, walkways, corroded culverts, and the Maintenance Yard roof. Old Stage Road was damaged during the storm events and required pavement repairs to make it safe and drivable by the motoring public.

FEMA deemed the Laguna Seca Recreational Area project ineligible with costs of \$437,488 incurred in the General Fund. The County filed a formal written appeal with FEMA, but FEMA has not yet rendered a decision. Under FEMA's Appeal and Arbitration Process, this project does not qualify for the next step in the appeal process, arbitration, as total project costs fall under the minimum disputed amount of \$500,000. The County has been informed that FEMA is delayed due to other significant events occurring nationwide and that other jurisdictions are experiencing the same delays. RMA will continue to work with FEMA and CalOES to ensure the appeal is addressed. If the appeal is denied, the General Fund will not receive any reimbursement from FEMA or CalOES.

The Pajaro County Sanitation District (PCSD) experienced significant damages caused by the 2017 Winter Storms and wastewater release, which were deemed ineligible by FEMA. The General Fund provided a loan in the amount of \$1,515,000 to complete the wastewater system repairs and replace critical equipment. The General Fund loan was made available from the Disaster Assistance fund balance assignment the Board approved for the 2017 Winter Storms. The loan requires payments one year after a sewer rate increase has been established and PCSD's cash balance is at least 10% of its operating expenditure budget. RMA is currently working with a consultant to conduct a condition assessment in preparation for the rate study to establish a rate structure that will fund operations, maintenance, and the loan. The rate increase is subject to Proposition 218, which requires voter approval. An insurance claim filed for this incident, which would have been used to repay a portion of the loan, was denied. If the rate study is not successful and PCSD is unable to repay the loan, the General Fund Disaster Assistance fund balance will not be restored. PCSD has incurred \$556,238 in related expenditures through June 30, 2019. The project was completed in late August 2019. (*Refer to Table 3*)

Table 3

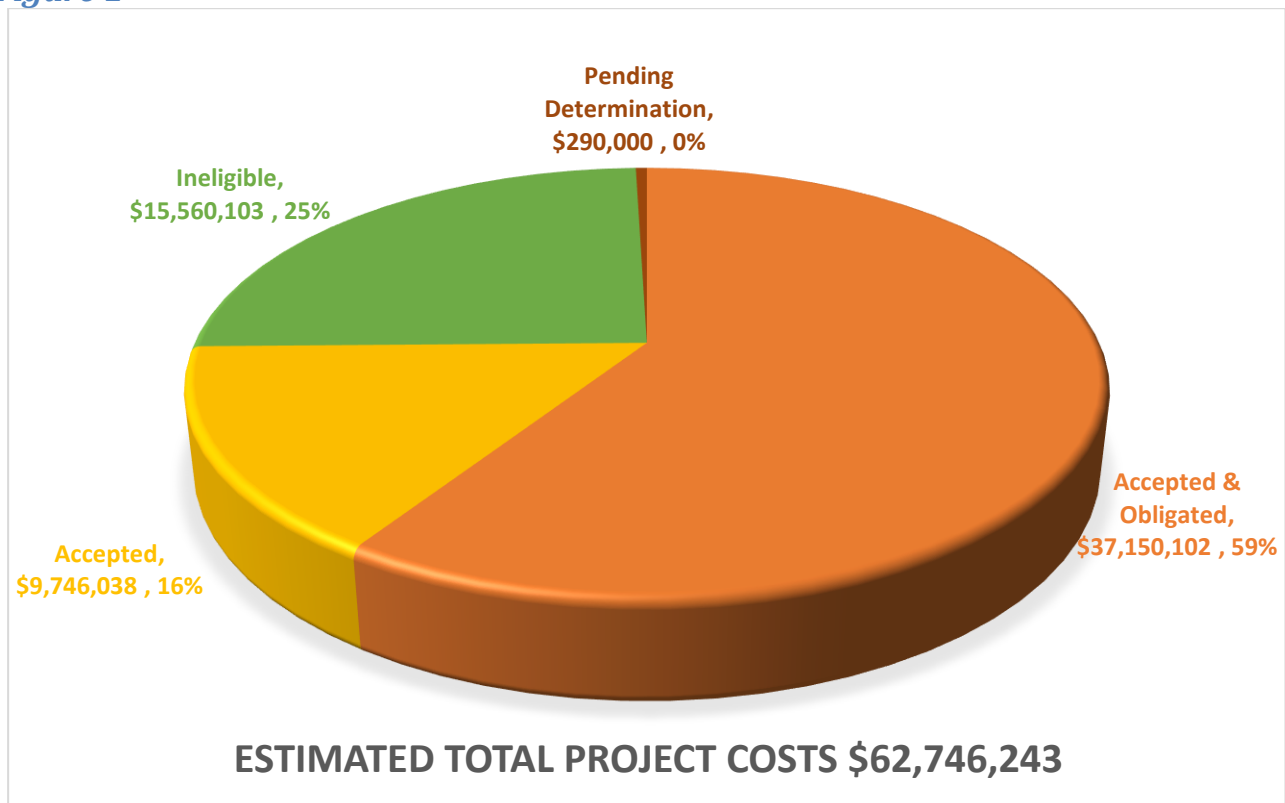
INELIGIBLE PROJECTS				
NO.	NAME/LOCATION	COST ESTIMATE	COUNTY SHARE	ACTUAL COST AS OF 06-30-2019
1	Expenses by Non RMA General Fund Depts	260,753	260,753	260,753
2	Aromas Road	18,348	18,348	18,348
3	Boronda Sanitation	49,562	49,562	49,562
4	Cholame Road	3,672	3,672	3,672
5	Corey Road	45,657	45,657	45,657
6	Pajaro CSD Response Cost	359,264	359,264	359,264
7	San Jerardo CSD Response Cost	7,690	7,690	7,690
8	San Miguel Canyon	20,867	20,867	20,867
9	Pajaro Storm Drain @ Porter	33,256	33,256	33,256
	Subtotal - Ineligible Projects (BOS Approved)	799,070	799,070	799,070
10	14726 Castroville Blvd - 48' Sinkhole	-	-	-
11	Boronda Road Asphalt Repair	290	290	290
12	Harrington Road Slip Out	139	139	139
13	Toro Park Maintenance/Emergency Response	71,866	71,866	71,866
14	280 Calle De Los Agrimensores	30,000	-	-
15	516 Aguajito Road	60,000	-	-
16	Argyle Road	100,000	4,753	4,753
17	Corey Road	75,000	-	-
18	Damian Way	-	-	-
19	Elkhorn road Bet. Strawberry & Hidden Valley	750,000	-	-
20	Hudson Landing Road	200,000	-	-
21	Iverson Road Damage	475,000	1,997	1,997
22	King Road	150,000	-	-
23	Langley Canyon Road	60,000	-	-
24	Langley Canyon Road MP 0.1	75,000	-	-
25	Laureles Grade MP 2.4	-	-	-
26	Moro Road	455,000	-	-
27	Nacimiento Ferguson Road	5,756,250	-	-
28	Old Stage Road	175,000	101,426	101,426
29	Old Stage Road @ Alisal Road Damage	425,000	-	-
30	Old Stage Road @ Encinal Road Damage	55,000	-	-
31	Old Stage Road @ Esperanza Road Damage	700,000	-	-
32	Old Stage Road Damage	45,000	-	-
33	Potter Road @ Old Stage Road Damage	600,000	-	-
34	San Jerardo Road Damage	300,000	-	-
35	San Juan Road @ Crazy Horse Canyon Road	250,000	-	-
36	Somavia Road Damage	500,000	2,104	2,104
37	Spence Road Damage	40,000	-	-
38	Spring Road	70,000	-	-
39	Tassajara Road	150,000	12,494	12,494
40	Valley Road	50,000	612	612
41	Wells Road	45,000	-	-
42	701 Old Stage Road	115,000	154	154
43	Bryson Hesperia Road	600,000	317	317
44	Strawberry Road	30,000	4,353	4,353
45	Paradise Road	400,000	111	111
	Subtotal - Ineligible Projects with No Funding	12,808,545	200,616	200,616

Table 3 (Continued)

INELIGIBLE PROJECTS				
NO.	NAME/LOCATION	COST ESTIMATE	COUNTY SHARE	ACTUAL COST AS OF 06-30-2019
46	Laguna Seca Rec Area (APPEALING)	437,488	437,488	437,488
	Subtotal - Ineligible Project Under Appeal	437,488	437,488	437,488
47	Pajaro Sewer District (INSURANCE)	1,515,000	1,515,000	556,238
	Subtotal - Ineligible Project with Insurance Claim	1,515,000	1,515,000	556,238
	Total Ineligible Projects	15,560,103	2,952,174	1,993,412

The 119 projects, categorized by current FEMA/FHWA funding status, are depicted below in Figure 1. Each of the four (4) categories carry varying levels of risk to the County in terms of both financial and road safety. The ineligible projects carry the most financial risk, as no FEMA or FHWA funds will be made available. To repair ineligible road projects, each will need to be considered and completed against all other Road Fund projects for Measure X, SB1, and HUTA funds. In addition, all FEMA/FHWA projects carry the risk of being subject to future federal audits, which could result in the County paying back disallowed project expenditures.

Figure 1



COUNTY FUNDING HISTORY

On March 14, 2017, the Board allocated \$16,812,500 from the Strategic Reserve to the Disaster Assistance fund balance assignment, designating \$8,487,500 to fund the County's share of costs (County Match) and \$8,325,000 to cover cash-flow needs. On April 24, 2018, the Board approved restructuring the \$16,812,500 in Disaster Assistance fund balance, increasing the County's share of costs (County Match) allocation from \$8,487,500 to \$13,049,540 and reducing the cash-flow allocation from \$8,325,000 to \$3,762,960. The cash-flow amount is still expected to be repaid once FEMA/FHWA funds are received; however, the County's share of costs (County Match) will not be reimbursed.

On April 24, 2018, the Board approved using Natividad Medical Center (NMC) Facility Master Plan Project Fund 404 Unassigned Fund Balance for cash-flow purposes in the amount of \$11,752,419. The Board capped the total amount that could be used from this source for the 2017 Winter Storms at \$25,000,000, which means there is an additional \$13,247,581 available for cash flow if needed. However, staff would have to return to the Board for approval of any additional funds. NMC funds must be repaid within 2 years from April 24, 2018 using FEMA/FHWA reimbursements.

The Road Fund included six (6) projects in the Fiscal Year (FY) 2018-19 Annual Road Fund Work Plan, which was adopted by the Board on June 26, 2018. The estimated project costs of \$2,768,006 have secured FHWA funding of \$1,017,081. FHWA obligates funds by project phase; therefore, staff anticipates additional funding will be secured in the future up to 88.53% of the eligible costs. The Road Fund will provide matching funds of \$1,750,925 and cash flow the remaining \$1,017,081.

PROJECT STATUS

Completed

RMA has completed 39 projects at a cost of \$14,857,549, and the County has received \$7,660,564 in FEMA/FHWA reimbursements to date. FEMA/FHWA obligated a total of \$8,140,488 for these completed projects, so the County expects to receive an additional \$479,924 in reimbursements after final project closeout reports are filed. The cost to the County for completed projects to date is \$6,717,061. (*Refer to Table 4*)

TABLE 4

COMPLETED PROJECTS						
NO.	NAME/LOCATION	ACTUAL COSTS	FEMA/ FHWA ACCEPTED ESTIMATE	FEMA/FHWA OBLIGATED FOR REIMB.	COUNTY SHARE	REIMBURSED TO DATE
1	Soberanes Fire Expenses	1,531,446	1,462,127	721,302	810,144	721,302
2	Alisal Road	167,597	79,904	74,909	92,688	74,909
3	Boronda Road	38,394	33,825	31,710	6,684	31,710
4	Cachagua Road	2,104,526	1,578,152	1,509,108	595,418	1,361,157
5	Cachagua Road - Emergency Protective Measures Temp	169,516	123,568	118,162	51,354	2,317
6	Category B - Palo Colorado	854,065	552,444	528,273	325,792	476,482
7	Coast Road Between MP 4.01, MP 5.24, MP 5.40	198,505	186,155	178,010	20,495	178,010
8	Debris Removal - Lake Nacimiento	37,400	25,000	23,907	13,493	23,907
9	Debris Removal January	1,940,671	1,940,671	1,855,767	84,904	1,855,767
10	E. Dunbarton Road	12,021	9,902	9,282	2,739	9,282
11	Elkhorn Road 1.58-1.81	1,399,764	1,173,403	1,100,065	299,699	1,012,060
12	EMP - EOC Ops Sandbag Ops & Big Sur Airlift	46,912	46,912	43,979	2,933	43,979
13	EOC and Sandbag Preparation & Distribution	25,480	25,480	23,888	1,592	23,888
14	Frudden Road	13,258	13,258	12,429	829	12,429
15	Garrapatos Road	248,759	196,007	187,430	61,329	187,430
16	Iverson Road Sinkhole	117,460	85,697	80,340	37,120	80,340
17	Levees, Motor and Patrolling (Pajaro Levee)	2,567,870	5,842	5,586	2,562,284	5,586
18	Madison Lane 50%	489,634	172,298	164,760	324,874	164,760
19	Meridian @ Ormart	46,606	39,350	36,890	9,716	36,890
20	Old San Miguel	16,595	16,595	15,868	727	15,868
21	Robinson Canyon Road	1,169,979	814,210	778,587	391,392	702,255
22	San Lorenzo Park	4,967	4,967	4,656	311	4,656
23	Seca Place Road Damage	47,377	23,146	21,699	25,678	21,699
24	Tarpey Road MP 2.6	55,580	53,124	49,804	5,776	49,804
25	Tarpey Road MP 3.05	58,029	47,937	44,940	13,089	44,940
26	Tustin road	89,337	44,914	42,106	47,231	42,106
27	Walker Valley Road MP .1	122,630	115,894	110,823	11,807	110,823
28	Corral De Tierra	121,872	121,872	110,554	11,318	110,554
29	Hall Road Sinkhole @ Johnson Rd	235,922	235,922	213,019	22,903	213,019
30	Expenses by Non RMA General Fund Depts	260,753	-	-	260,753	-
31	Aromas Road	18,348	-	-	18,348	-
32	Boronda Sanitation	49,562	-	-	49,562	-
33	Cholame Road	3,672	-	-	3,672	-
34	Corey Road	45,657	-	-	45,657	-
35	Pajaro CSD Response Cost	359,264	-	-	359,264	-
36	San Jerardo CSD Response Cost	7,690	-	-	7,690	-
37	San Miguel Canyon	20,867	-	-	20,867	-
38	Pajaro Storm Drain @ Porter	33,256	-	-	33,256	-
Subtotal - Completed Projects (BOS Approved)		14,731,241	9,228,575	8,097,853	6,633,388	7,617,929
39	Hartnell Road	126,308	44,586	42,635	83,673	42,635
Subtotal - Completed Projects (Not BOS Approved)		126,308	44,586	42,635	83,673	42,635
Total Completed Projects		14,857,549	9,273,161	8,140,488	6,717,061	7,660,564

Underway/In Progress

There are 21 projects underway/in progress with a total estimated cost of \$18,491,656; 13 projects were approved by the Board on April 24, 2018 (\$15,273,850), six (6) projects were approved by the Board on June 26, 2018 through the Annual Road Fund Work Plan (\$2,768,006), and two (2) projects that staff expect to bring back to the Capital Improvement Committee (CIC) for consideration (\$449,800).

The two (2) projects underway are at Metz Road and Palo Colorado Milepost 1-3.2, and staff moved forward with these to provide safe and drivable roads for the public. The estimated projects cost is estimated at \$449,800. Although the projects have not received Board approval, FEMA has accepted the projects and obligated funds in the amount of \$380,031, leaving the County's share at \$69,769. (Refer to Tables 5)

TABLE 5

UNDERWAY/IN PROGRESS PROJECTS						
NO.	NAME/LOCATION	COST ESTIMATE	FEMA/ FHWA ACCEPTED ESTIMATE	OBLIGATED FOR REIMB.	COUNTY SHARE	REIMBURSED TO DATE
1	Cathedral Oak Road	275,000	69,895	65,526	209,474	65,526
2	Countywide Damaged Signs	32,651	32,651	30,609	2,042	30,609
3	Debris Removal February	4,015,001	4,015,000	3,839,344	175,657	3,839,344
4	Echo Valley Road	275,000	76,309	71,539	203,461	71,539
5	Lake Nacimiento	64,079	64,080	60,074	4,005	60,074
6	Meridian Road and Archer	70,421	70,421	66,019	4,402	66,018
7	Palo Colorado MP 3.3 (Rocky Creek)	6,958,567	3,301,926	3,157,466	3,801,101	61,911
8	Pescadero Road	200,000	42,952	40,266	159,734	40,266
9	Royal Oaks Park	30,000	13,400	12,561	17,439	12,561
10	San Jerardo Control System & Fire Pump	188,131	650	609	187,522	609
11	Toro Road	850,000	503,873	472,380	377,620	9,448
12	Viejo Road	800,000	466,172	445,777	354,223	8,741
13	Pajaro Sewer District	1,515,000	-	-	1,515,000	-
	Subtotal - Underway/In Progress (BOS Approved)	15,273,850	8,657,327	8,262,170	7,011,680	4,266,646
14	Hall Road @Sill Road	531,269	531,269	108,339	422,930	-
15	Moro - Aromas Road @Blohm Rd	372,680	372,680	98,812	273,868	-
16	San Juan Road @Aromas Rd	224,055	224,055	105,206	118,849	32,874
17	Upper San Juan Road @MP 8.6	537,600	537,600	476,589	61,011	5,673
18	Hall @ Las Pini Road	604,877	604,877	99,921	504,956	17,698
19	Hall Road @Las Lomas Rd	497,525	497,525	128,214	369,311	-
	Subtotal - Underway/In Progress (Road Fund Work Plan)	2,768,006	2,768,006	1,017,081	1,750,925	56,244
20	Palo Colorado Hwy 1-3.2	400,000	357,974	335,600	64,400	6,712
21	Metz Road	49,800	49,800	44,431	5,369	-
	Subtotal - Underway/In Progress (Not BOS Approved)	449,800	407,774	380,031	69,769	6,712
	Total Underway/In Progress Projects	18,491,656	11,833,107	9,659,282	8,832,374	4,329,602

Obligated Projects Pending Direction

There are 15 projects that FEMA/FHWA has both accepted and obligated funds for the reconstruction or repair of winter storm damages. RMA has assessed the projects' scope of work and determined that seven (7) of these 15 projects, with estimated costs of \$3,672,320, can be completed utilizing RMA maintenance forces or outside consultants/contractors within the FEMA timeline. Obligations are set aside at the State for reimbursement to the County of \$1,803,436, which leaves \$1,868,884 in County cost share (County Match). There are sufficient cash-flow funds available for these projects out of the \$11,752,419 cash flow made available from NMC Facility Master Plan Project Fund 404 Unassigned Fund Balance. However, the County's share of \$1,868,884 would require a funding source. For each of the seven (7) projects, a brief overview follows:

- Argyle Road repair project consist of removing and replacing a damaged culvert and restoring the road pavement above the culvert.
 - Blackie Road repair project consists of repairing the water-undermined roadway, repairing the road shoulders, and placing a culvert. Currently, the road has erosion underneath the road and continues to have vehicles driving on it. Due to the high-speed, high-volume of traffic along this road (approximately 7,100 vehicles per day in 2018), as well as the environmental mitigations required, RMA would recommend procuring consultants and contractors to perform this project.
 - Palo Colorado 4.0-7.4, Culvert Repair – Four (4), separate Palo Colorado projects are interrelated. Three (3) of the four (4) were FEMA/FHWA accepted and obligated, but the fourth, by far most costly at an estimated \$8,000,000, is not yet obligated. It is imperative that the County shows forward movement on the three (3) other projects to position the County so that FEMA accepts RMA's request to extend the 48-month deadline to complete these projects.
 - Palo Colorado MP 4.0-7.4 – (refer to statement above).
 - Palo Colorado MP 4.7-7.2 January Slipout – (refer to statement above).
 - Parkfield Coalinga Road repair project consist of removing and replacing a damaged culvert and restoring the road pavement above the culvert.
 - Pleyto Cemetery Road repair project consists of repairing the road and placing a culvert, in addition to restoring the road pavement above the culvert. County crews can perform the projects within FEMA guidelines and requirements. In conferring with Monterey County OES and CalOES staff, this practice is allowable.
- (Refer to Table 6)*

TABLE 6

OBLIGATED PROJECTS - PENDING DIRECTION						
NO.	NAME/LOCATION	COST ESTIMATE	FEMA/ FHWA ACCEPTED ESTIMATE	OBLIGATED FOR REIMB.	COUNTY SHARE	REIMBURSED TO DATE
1	Argyle Road	75,000	28,288	26,520	48,480	26,520
2	Blackie Road	400,000	288,273	270,256	129,744	15,285
3	Palo Colorado 4.0-7.4, Culvert Repair	600,000	38,578	36,889	563,111	36,889
4	Palo Colorado MP 4.0-7.4	250,000	61,732	57,874	192,126	57,874
5	Palo Colorado MP 4.7-7.2 January Slipout	2,037,344	1,212,759	1,136,960	900,384	22,739
6	Parkfield Coalinga Road	50,000	28,090	26,334	23,666	26,334
7	Pleyto Cemetery Road	259,976	259,976	248,603	11,373	-
	Subtotal - Obligated Projects - RMA deemed feasible	3,672,320	1,917,696	1,803,436	1,868,884	185,641
8	Carmel Valley Road MP 27.4	145,000	115,830	108,590	36,410	108,590
9	Coast Road at Hwy 1 (5) Engineering	298,132	298,133	279,499	18,633	5,590
10	Indian Valley Road	200,000	81,565	76,467	123,533	76,467
11	Los Burros Road	500,000	444,370	416,596	83,404	8,332
12	Los Burros Road Damage	661,376	661,376	620,040	41,336	12,401
13	Meridian @ Dire Road	81,317	81,317	76,234	5,083	76,234
14	Peach Tree Road	506,822	506,822	475,145	31,677	9,503
15	Toro Park Trail & Boat Launch Road	50,000	47,488	44,520	5,480	44,520
	Subtotal - Obligated Projects for Discussion	2,442,647	2,236,900	2,097,091	345,556	341,637
	Total - Obligated Projects (Not BOS Approved)	6,114,967	4,154,596	3,900,527	2,214,440	527,278

Pending FEMA Obligation

A total of seven (7) projects are pending FEMA obligation. Until obligations are secured, any movement on these projects could result in the County being at risk for the entire costs, up to \$10,036,038. FEMA accepted five (5) of the projects; however, obligations are pending Environmental and Historic Preservation (EHP) Review. The five (5) projects are estimated to cost \$9,746,038, and FEMA has accepted costs of \$3,665,857. Based on the accepted amount, the anticipated obligation is 3,436,741 (93.75%), which would result in the County share being \$6,309,297. The other two (2) projects, Giberson Road Sinkhole and Iverson Road, have not been accepted or obligated by FEMA and are still awaiting determination. While one (1) road, Iverson Road, is drivable, the other, Giberson Road, is not and has been closed to the public. These roads will need to be repaired at an estimated cost of \$290,000 either through FEMA funding or programmed into the Annual Work Program for Road Fund while prioritized against the many other road and bridge priorities in the County. Staff will continue to work with FEMA to obtain a determination. (Refer to Table 7)

One (1) of the five (5) projects FEMA has accepted but not obligated is Palo Colorado Milepost 4.0-7.4 which extends from "the Hoist" to "Bottcher's Gap." This project has an estimated cost of \$8,000,000, and FEMA has only recognized eligible costs of \$2,218,227 (FEMA/CalOES share would be 93.75% or \$2,079,588). Theoretically, if obligated, the County share would be \$5,920,412. Four (4) projects were submitted to FEMA in 2017 for consideration related to Palo Colorado MP 4.0-7.4; this is the only one pending approval. The project is under Environmental

and Historic Preservation Review by FEMA.

The Palo Colorado MP 4.0-7.4 project presents challenges with the timelines, scope, and procurement of a consultant. FEMA stipulates permanent repair projects must be completed within 48 months from disaster declaration date; however, the County cannot begin this project, without the risk of losing all FEMA funding until the project is obligated. FEMA can provide extensions beyond the 48 months when extenuating circumstances exist, such as the present one the County is experiencing. However, this process requires close and timely communications with CalOES regarding challenges, scope changes, and cost increases, so that CalOES can advocate on the County's behalf to FEMA.

RMA, in collaboration with the Monterey County Office of Emergency Services (OES), is compiling information to support a timeline extension for the Palo Colorado project. The communication with CalOES will acknowledge the scope change and the relation between all four (4) Palo Colorado projects, which are interdependent and cannot be completed until the EHP review is complete. After staff meets with CalOES, the next steps will be reported back to the Board of Supervisors and Committees.

TABLE 7

PENDING FEMA OBLIGATION						
NO.	NAME/LOCATION	COST ESTIMATE	FEMA/FHWA ACCEPTED ESTIMATE	OBLIGATED FOR REIMB.	COUNTY SHARE	REIMBURSED TO DATE
1	Cachagua Road MP 9.5	200,000	69,350	-	200,000	-
2	Coast Road (non-engineering) Other 8	461,200	318,506	-	461,200	-
3	Kirby Road	850,000	824,936	-	850,000	-
4	Palo Colorado MP 4.0-7.4	8,000,000	2,218,227	-	8,000,000	-
5	Tassajara Road at MP 14.0	234,838	234,838	-	234,838	-
	Subtotal - Accepted, Not Obligated	9,746,038	3,665,857	-	9,746,038	-
6	Giberson Road Sinkhole	90,000	-	-	90,000	-
7	Iverson Road	200,000	-	-	200,000	-
	Subtotal - Not Accepted or Obligated	290,000	-	-	290,000	-
	Total Pending Determination	10,036,038	3,665,857	-	10,036,038	-

Ineligible Projects

For various reasons, 37 projects were deemed ineligible by FEMA and FHWA. The ineligible projects cost estimate is \$13,246,033; thus far, the County has incurred costs of \$638,104. All work on these projects has ceased and there are currently no plans to complete these projects. The County has one (1) appeal filed with FEMA for the Laguna Seca Recreational Area with costs spent to date totaling \$437,488.

TABLE 8

INELIGIBLE - NOT BOARD APPROVED						
NO.	NAME/LOCATION	COST ESTIMATE	FEMA/ FHWA ACCEPTED ESTIMATE	OBLIGATED FOR REIMB.	COUNTY SHARE	REIMBURSED TO DATE
1	14726 Castroville Blvd - 48' Sinkhole	-	-	-	-	-
2	Boronda Road Asphalt Repair	290	-	-	290	-
3	Harrington Road Slip Out	139	-	-	139	-
4	Toro Park Maintenance/Emergency Response	71,866	-	-	71,866	-
5	280 Calle De Los Agrimensores	30,000	-	-	-	-
6	516 Aguajito Road	60,000	-	-	-	-
7	Argyle Road	100,000	-	-	4,753	-
8	Corey Road	75,000	-	-	-	-
9	Damian Way	-	-	-	-	-
10	Elkhorn road Bet. Strawberry & Hidden Valley	750,000	-	-	-	-
11	Hudson Landing Road	200,000	-	-	-	-
12	Iverson Road Damage	475,000	-	-	1,997	-
13	King Road	150,000	-	-	-	-
14	Langley Canyon Road	60,000	-	-	-	-
15	Langley Canyon Road MP 0.1	75,000	-	-	-	-
16	Laureles Grade MP 2.4	-	-	-	-	-
17	Moro Road	455,000	-	-	-	-
18	Nacimiento Ferguson Road	5,756,250	-	-	-	-
19	Old Stage Road	175,000	-	-	101,426	-
20	Old Stage Road @ Alisal Road Damage	425,000	-	-	-	-
21	Old Stage Road @ Encinal Road Damage	55,000	-	-	-	-
22	Old Stage Road @ Esperanza Road Damage	700,000	-	-	-	-
23	Old Stage Road Damage	45,000	-	-	-	-
24	Potter Road @ Old Stage Road Damage	600,000	-	-	-	-
25	San Jerardo Road Damage	300,000	-	-	-	-
26	San Juan Road @ Crazy Horse Canyon Road	250,000	-	-	-	-
27	Somavia Road Damage	500,000	-	-	2,104	-
28	Spence Road Damage	40,000	-	-	-	-
29	Spring Road	70,000	-	-	-	-
30	Tassajara Road	150,000	-	-	12,494	-
31	Valley Road	50,000	-	-	612	-
32	Wells Road	45,000	-	-	-	-
33	701 Old Stage Road	115,000	-	-	154	-
34	Bryson Hesperia Road	600,000	-	-	317	-
35	Strawberry Road	30,000	-	-	4,353	-
36	Paradise Road	400,000	-	-	111	-
37	Laguna Seca Rec Area	437,488	-	-	437,488	-
Total Ineligible Projects (Not BOS Approved)		13,246,033	-	-	638,104	-

FUNDING SUMMARY

As mentioned, the 2017 Winter Storms and 2016 Soberanes Fire generated road and infrastructure damages now totaling \$62,746,243, covering 119 projects. Over the last two years, the Board has provided various funding sources to assist in leveraging FEMA/FHWA funds to complete disaster repairs and reconstruction. Table 9 provides a snapshot of the four (4) funding sources totaling \$43,850,369; which include: \$16,812,500 in Disaster Assistance Assignment, \$11,752,419 in NMC Facility Master Plan Fund 404 Unassigned Fund Balance, \$12,517,444 in FEMA reimbursements, and \$2,768,006 in Road Fund contributions. For this depiction, the 119 projects are split between eight (8) categories and subtotaled into four (4) groups; Board-Approved

Projects, Projects Needing Retroactive Board Approval, Feasible Projects Requiring Direction, and Projects on Hold. The subtotal groupings are presented to assist the reader in identifying the impact and financial risk to the County for each project category. (*Refer to Table 9*)

Board Approved Projects

The Board-Approved Project subtotal includes all 51 2017 Winter Storm and 2016 Soberanes Fire projects approved by the Board on April 24, 2018 with estimated costs of \$30,005,091 and the six (6) Annual Road Fund Work Plan projects for \$2,768,006 approved by the Board during the FY 2018-19 budget hearings on June 26, 2018. Although the subtotal for this group depicts the County Match going over by \$595,528, it includes the Pajaro Sewer District Project costs of \$1,515,000 that is subject to a pending insurance claim, which, if successful, could reduce the County's share considerably. If insurance proceeds are not received to offset the PCSD project costs, the County will need to identify additional funds to cover the overage in Cash Match.

Projects Needing Retroactive Board Approval

There are three (3) projects (Hartnell, Palo Colorado Highway Milepost 1-3.2, and Metz Road), with one (1) completed and two (2) underway/in progress, which will need retroactive Board Approval and County Match of \$153,442. Then there are ineligible Road Fund projects and a Laguna Seca project, which incurred costs of \$200,616 and \$437,488, respectively, which further erodes the County Match balance. However, an appeal was filed with FEMA related to the Laguna Seca project, which if successful, will reduce by \$437,488 the County Match need. If there were no changes, this subtotal grouping will reduce the County Match balance down another \$791,546 to a negative \$1,387,074. If the Board retroactively approves these projects, funding will need to be identified.

Feasible Projects Requiring Direction

RMA has identified seven (7) projects that are both FEMA/FHWA accepted and obligated but require \$1,868,884 in County Match funding to leverage \$1,803,436 in FEMA/FHWA funding. This would reduce the current County Match balance down to \$3,255,958, thus Board approval would require additional County Match funding.

Projects on Hold

This final subtotal grouping includes projects that are FEMA/FHWA accepted and obligated with a County Match need of \$345,556 to complete the projects, with an estimated cost of \$2,442,647 (*refer to Table 6*), and projects accepted but not yet obligated by FEMA/FHWA, which would require the County cover the entire estimated project costs of \$10,036,038. If these projects were approved by the Board to begin repairs/construction, the County Match would fall to a negative \$13,637,552.

The NMC Facility Master Plan Project Fund Unassigned Fund Balance available for cash-flow purposes of \$11,752,419 is depicted to be reduced to \$7,293,363, if all projects are completed. At this time, no funds have been drawn down from NMC's Facility Master Plan Project Fund 404 Unassigned Fund Balance. The final FY 2018-19 funding reconciliation is underway and may result in some NMC cash flow being drawn down, which will be reported on future reports.

TABLE 9

DISASTER ASSISTANCE COST PROJECTION SUMMARY													
FUNDING SOURCES FOR DISASTER PROJECTS			TOTAL ALLOCATION		AUTHORIZED COUNTY MATCH		AUTHORIZED ROAD FUND		AUTHORIZED CASH FLOW				
Board Authorized Allocation out of Disaster Assistance Assignment			\$	16,812,500		\$	13,049,540	\$	-	\$	3,762,960	\$	-
Use of Unassigned Fund Balance from the Facility Master Plan Projects Fund (Fund 404)			\$	11,752,419		\$	-	\$	-	\$	11,752,419	\$	-
Available FEMA Reimbursements			\$	12,517,444		\$	-	\$	-	\$	-	\$	12,517,444
Available Road Fund Contribution			\$	2,768,006		\$	-	\$	1,750,925	\$	-	\$	-
Total Funding Sources for Disaster Projects			\$	43,850,369		\$	13,049,540	\$	1,750,925	\$	3,762,960	\$	12,517,444
PROJECT GROUPINGS			TOTAL PROJECT COST ESTIMATE	FEMA/FHWA OBLIGATED AMOUNT	REIMBURSEMENT RECEIVED TO DATE	ESTIMATED COUNTY MATCH	ESTIMATED CASH FLOW	ROAD FUND IMPACT MATCH	PROJECTED REMAINING AVAILABLE COUNTY MATCH	PROJECTED REMAINING AVAILABLE ROAD FUND MATCH	PROJECTED REMAINING AVAILABLE CASH FLOW - DISASTER ASSISTANCE	PROJECTED REMAINING AVAILABLE CASH FLOW - FEMA REIMBURSEMENTS	PROJECTED CASH FLOW FROM ROAD FUND
BOS Approved 4/24/18 - Winter Storm & Fire Projects			\$ 30,005,091	\$ 16,360,023	\$ 11,884,575	\$ 13,645,068	\$ 16,360,023	\$ -	\$ (595,528)	\$ 1,750,925	\$ -	\$ 632,869	\$ 1,017,081
BOS Approved 6/26/18 - Road Fund Work Plan for FY2019			\$ 2,768,006	\$ 1,017,081	\$ 56,244	\$ -	\$ 1,017,081	\$ 1,750,925	\$ (595,528)	\$ -	\$ -	\$ 576,625	\$ -
SUBTOTAL - BOS APPROVED PROJECTS			\$ 32,773,097	\$ 17,377,104	\$ 11,940,819	\$ 13,645,068	\$ 17,377,104	\$ 1,750,925	\$ (595,528)	\$ -	\$ -	\$ 576,625	\$ -
Obligated Projects - Completed or Underway (Not BOS approved)			\$ 576,108	\$ 422,666	\$ 49,347	\$ 153,442	\$ 422,666	\$ -	\$ (748,970)	\$ -	\$ -	\$ 527,278	\$ -
Ineligible Projects - Road Fund			\$ 12,808,545	\$ -	\$ -	\$ 200,616	\$ -	\$ -	\$ (949,586)	\$ -	\$ -	\$ 527,278	\$ -
Ineligible Projects - Laguna Seca			\$ 437,488	\$ -	\$ -	\$ 437,488	\$ -	\$ -	\$ (1,387,074)	\$ -	\$ -	\$ 527,278	\$ -
SUBTOTAL - PROJECTS NEEDING RETROACTIVE BOS APPROVAL			\$ 13,822,141	\$ 422,666	\$ 49,347	\$ 791,546	\$ 422,666	\$ -	\$ (1,387,074)	\$ -	\$ -	\$ 527,278	\$ -
Obligated Projects (Requesting BOS approval) - On Hold			\$ 3,672,320	\$ 1,803,436	\$ 185,641	\$ 1,868,884	\$ 1,803,436	\$ -	\$ (3,255,958)	\$ -	\$ -	\$ 341,637	\$ -
SUBTOTAL - FEASIBLE PROJECTS REQUIRING BOS DIRECTION			\$ 3,672,320	\$ 1,803,436	\$ 185,641	\$ 1,868,884	\$ 1,803,436	\$ -	\$ (3,255,958)	\$ -	\$ -	\$ 341,637	\$ -
Obligated Projects (Not BOS approved) - On Hold			\$ 2,442,647	\$ 2,097,091	\$ 341,637	\$ 345,556	\$ 2,097,091	\$ -	\$ (3,601,514)	\$ -	\$ -	\$ -	\$ -
Pending Funding Determination (Not BOS approved) - On Hold			\$ 10,036,038	\$ -	\$ -	\$ 10,036,038	\$ -	\$ -	\$ (13,637,552)	\$ -	\$ -	\$ -	\$ -
SUBTOTAL - PROJECTS ON HOLD			\$ 12,478,685	\$ 2,097,091	\$ 341,637	\$ 10,381,594	\$ 2,097,091	\$ -	\$ (13,637,552)	\$ -	\$ -	\$ -	\$ -
TOTAL - DISASTER ASSISTANCE PROJECTS			\$ 62,746,243	\$ 21,700,297	\$ 12,517,444	\$ 26,687,092	\$ 21,700,297	\$ 1,750,925					

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