

County of Santa Clara
Roads and Airports Department



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DATE: June 28, 2024

TO: Honorable Board of Supervisors
County Executive James R. Williams

FROM: Harry Freitas, Director, Roads and Airports Department

DS
HF

SUBJECT: Monthly Reporting of 2022/2023 Winter Storm Damage Repairs
Futures ID#2023-090

This memorandum provides an update regarding the progress to repair roads damaged in the 2022/2023 winter storms.

BACKGROUND

In late December 2022 through March 2023, Santa Clara County endured a continuous series of heavy rain, snow, and windstorms resulting in damage to multiple County roads. On Tuesday, January 10, 2023, the Board of Supervisors ratified a Proclamation of Local Emergency by the Director of Emergency Services relating to winter storm events. On January 14, 2023, the Federal Emergency Management Agency (FEMA) issued Major Disaster Declaration FEMA DR-4683-CA which was ultimately amended to designate Santa Clara County as eligible for Public Assistance.

On February 7, 2023, the Roads and Airports Department brought forward a report (Item #18) to the Board of Supervisors on the damages sustained from the December/January storms. At that time, there were ten damage sites totaling approximately \$7.3 million to repair and two road closures were noted (Mines Road and Bear Creek Road). As discussed in the February 7 report, Bear Creek Road was evaluated by geotechnical engineers and deemed safe to reopen for one-lane passage on January 31. Also, repairs were made to the closed portion of Mines Road, and it was reopened on February 17.

On Tuesday, March 14, 2023 (Item #84), the Board of Supervisors ratified an additional Proclamation of Local Emergency by the Director of Emergency Services relating to winter rain and snowstorms that occurred in February and March.

On April 18, the Roads and Airports Department brought forward a report (Item #10) to the Board of Supervisors updating the damage report with a cumulative number of damaged sites at twenty, and a total preliminary cost estimate to repair of \$15.4 million. The attached spreadsheet (Attachment A) provides a complete list of the storm damage sites by location. More detailed project status is shown in Attachment A. Attachment B shows details of the notable projects.

Additional Schedule Considerations

Some road repair locations that involve the conveyance of water through pipes or the construction within natural drainage swales are experiencing schedule impacts due to resource agency permitting processing. Permits are required from the U.S. Army Corps of Engineers, Fish and Wildlife, and the Regional Water Quality Control Board. The requirements for conducting environmental assessments, ascertaining potential ecological concerns, and mitigating any adverse effects may add delay to some permanent repair projects. The project team is actively working with the resources agencies and expert consultants to ensure compliance with all permitting requirements while finding efficient ways to expedite the restoration of the roads through temporary measures if necessary.

Notable Progress Since Last Report

This is the thirteenth monthly report that will inform the Board of Supervisors and stakeholders of the progress being made toward repair of the damaged roads.

- **San Antonio Valley Road Site 5** – Construction has been substantially completed.
- **San Antonio Valley Road Site 4** – Construction has been substantially completed.
- **Old Santa Cruz Highway Site 1** – Construction of temporary one-lane access was completed mid-June and the road opened to vehicular traffic. Engineering, design, and environmental permitting are underway to construct the permanent repair.
- **Clayton Road** – A temporary gravel road access was installed Summer 2023. The site is monitored, and road maintenance crews will continue to regrade the roadbed, when needed, to ensure access remains open. Engineering design services will be retained this summer to develop project alternatives based on geotechnical review of the site.
- **Attachment A: sites 15 to 32** – The Department is engaging with engineering consultants to provide design and support services for repairs at these remaining locations, many of which involve more complex environmental evaluation. This summer, project agreements will be executed for ten locations. Agreements for the remaining locations will be executed as additional resources become available.

Cc: Chief Board Aides

Greta S. Hansen, Chief Operating Officer

Anthony LoPresti, County Counsel

Curtis Boone, Acting Clerk of the Board of Supervisors

Shawn Whiteman, Program Manager

Mary Ann Barrous, Agenda Review Administrator

Lorena Cholula, Budget and Public Policy Analyst

ATTACHMENT A

2022/2023 Winter Storm Damage - JUNE 2024

Site Number	Status of Route/Closure	Site Name	Repair Location	% Complete (Phase)			Comments
				Damage Assessment	Design	Complete - Construction	
1	O	Bear Creek Road Site 1	1 Miles SW of HWY 17	100%	100%	100%	Construction complete
2	P	Old Santa Cruz Hwy Site 2	0.5 Miles NW of Idylwild Rd	100%	100%	100%	Construction complete
3	O	Black Road Site 1	1.5 Miles SE of Skyline Blvd	100%	100%	100%	Construction complete
4	O	West Rd	800' W of Wood Acres Rd (.3 Miles E of Hwy 9)	100%	100%	98%	Construction substantially complete, with cleanup and closeout to follow
5	O	Clayton Rd	1 Mile SE of Mt Hamilton Rd (HWY 130)	100%	100%	100%	Temporary gravel access has been established. Road crews are monitoring and regrading the roadbed when needed.
5b	O	Clayton Rd - Permanent Repairs	1 Mile SE of Mt Hamilton Rd (HWY 130)	100%	10%	0%	Consideration of geotechnical recommendations underway.
6	P	San Antonio Valley Road Site 3	13 Miles SE of Alum Rock Ave	100%	100%	98%	Construction substantially complete, cleanup and closeout to follow.
7	O	Mines Road Site 1	5.5 Miles N of San Antonio Valley Rd	100%	100%	100%	Construction complete.
8	O	Mines Road Site 2	6 Miles N of Mt Hamilton Rd (Hwy 130)	100%	100%	100%	Construction complete.
9	P	San Antonio Valley Road Site 1	15 Miles SE of Alum Rock Ave	100%	100%	98%	Construction substantially complete, cleanup and closeout to follow.
10	P	San Antonio Valley Road Site 2	15 Miles SE of Alum Rock Ave	100%	100%	98%	Construction substantially complete, cleanup and closeout to follow.
11	P	San Antonio Valley Road Site 4	15 Miles SE of Alum Rock Ave	100%	100%	98%	Construction substantially complete, cleanup and closeout to follow.
12	P	San Antonio Valley Road Site 5	16 Miles SE of Alum Rock Ave	100%	100%	98%	Construction substantially complete, cleanup and closeout to follow.
13	P	Aldercroft Heights Site 2	1 Mile SE of Old Santa Cruz Hwy	100%	0%	0%	Department has commenced negotiations with an engineering firm to develop engineered plans and provide environmental permitting support.
14	F	Old Santa Cruz Hwy Site 1	0.4 Miles NW of Idylwild Rd	100%	100%	50%	Single Lane Access restored.
14b	F	Old Santa Cruz Hwy Site 1 - Permanent Repairs	0.4 Miles NW of Idylwild Rd	100%	10%	0%	Consultant services are underway to develop plans for permanent repairs. Environmental review of site conditions has commenced.
15	P	Bear Creek Road Site 2	1.5 Miles SW of HWY 17	100%	0%	0%	Department has commenced negotiations with an engineering firm to develop engineered plans and provide environmental permitting support.
16	P	Aldercroft Heights Site 1	Just N of Old Santa Cruz Hwy	100%	0%	0%	Single Lane Access restored. Department has commenced negotiations with an engineering firm to develop engineered plans and provide environmental permitting support.
17	P	Willow Springs Road	0.75 Miles SW of Hale Ave	100%	0%	0%	Further site review,design, and required permitting needed to continue
18	O	Calaveras Rd	2 Miles N of Calavaraz Blvd	100%	0%	0%	Further site review,design, and required permitting needed to continue
19	O	Old Santa Cruz Hwy Site 3	1.5 Miles SW of HWY 17	100%	0%	0%	Department has commenced negotiations with an engineering firm to develop engineered plans and provide environmental permitting support.
20	O	Old Santa Cruz Hwy Site 4	Just S of Idylwild Rd	100%	0%	0%	Department has commenced negotiations with an engineering firm to develop engineered plans and provide environmental permitting support.
21	P	Hicks Rd 1	4 Miles SE of Camden Ave	100%	0%	0%	Further site review,design, and required permitting needed to continue
22	P	Hicks Rd 2	2 Miles SE of Camden Ave	100%	0%	0%	Further site review,design, and required permitting needed to continue
23	O	Hicks Rd 3	4 Miles SE of Camden Ave	100%	0%	0%	Further site review,design, and required permitting needed to continue
24	P	Bear Creek Road Site 3	1000' N of Summit Rd	100%	0%	0%	Department has commenced negotiations with an engineering firm to develop engineered plans and provide environmental permitting support.
25	P	Mt Madonna Road	W of Pole Line Rd/Summit Rd	100%	0%	0%	Department has commenced negotiations with an engineering firm to develop engineered plans and provide environmental permitting support.
26	O	On Orbit Drive	1.5 Miles SW of Hwy 9	100%	0%	0%	Further site review,design needed to continue
27	P	Kincaid Road	3 Miles No of Mt Hamilton Rd (HWY 130)	100%	0%	0%	Further site review,design, and required permitting needed to continue
28	O	Alma Bridge Road	2 Miles N of Aldercroft Heights Rd	100%	0%	0%	Further site review,design, and required permitting needed to continue
29	P	Montebello Road	0.5 Miles W of Stevens Canyon Rd	100%	0%	0%	Further site review,design, and required permitting needed to continue
30	O	Quimby Rd	1 Mile SW of Mt Hamilton Rd	100%	0%	0%	Further site review,design, and required permitting needed to continue
31	O	Mines Road Site 3	2 Miles N of San Antonio Valley Rd	100%	0%	0%	Further site review,design, and required permitting needed to continue
32	O	Weller Rd	2 Miles N of Calaveras Blvd	100%	0%	0%	Further site review,design, and required permitting needed to continue

Attachment B

Old Santa Cruz Highway Site 1

Construction of temporary one-lane access was completed mid-June and the road opened to vehicular traffic. Consultant services are underway to develop plans for permanent repairs. Environmental review of site conditions has commenced.

Repairs

