

FINAL PUBLIC NOTICE

The Federal Emergency Management Agency (FEMA) has received a subgrant application for the City of Santa Cruz, Santa Cruz County, CA. Pursuant to Executive Order (EO) 11988 and 44 CFR Part 9.12, final notice is hereby given of FEMA's intent to provide funding for this project under the Public Assistance Grant Program (PA).

An initial disaster-wide Public Notice for DR-4683-CA was published September 11th, 2023. Funding for the proposed project will be conditional upon compliance with all applicable federal, tribal, state and local laws, regulations, floodplain standards, permit requirements and conditions.

Under the National Environmental Policy Act (NEPA), federal actions must be reviewed and evaluated for feasible alternatives and for social, economic, historic, environmental, legal, and safety considerations. EO 11988 and EO 11990 requires FEMA to consider alternatives and provide a public notice of any proposed actions in or affecting floodplains or wetlands. This notice may also fulfill requirements under Section 106 of the National Historic Preservation Act (NHPA).

This notice serves as a project-specific final notice for FEMA's funding action located within a Special Flood Hazard Area. FEMA has determined the only practicable alternative is to fund pipeline replacement and mitigation measures. This action complies with the National Flood Insurance Program (NFIP) requirements. There is a potential for the facility to be impacted by future flooding events due to its location within the AE Flood Zone. The proposed work will take place in wetlands per the United States Fish and Wildlife Service National Wetlands Inventory and will have little potential to impact or affect wetland values.

Applicant: City of Santa Cruz

Project Title: PW 00865; PN 712997; Felton Diversion Pipeline damage and streambank erosion

Location of Proposed Work and Floodplain Insurance Rate Map (FIRM) Panels:

Facility	GPS	FIRM Panels	FIRM Date
Felton Diversion Pipeline	37.04825, - 122.06586 to 37.04786, - 122.06649	06087C0212E	5/16/2012

Proposed Work and Purpose: Flooding and severe storms eroded and exposed the pipeline along the Felton Diversion Pipeline. The Applicant utilized contracts and force account labor to excavate and repair a 24" diameter pipeline and the embankment of Zayanate Creek. A total of 150 LF of damaged pipeline with pipe joints were excavated, repaired and reinstalled following the original alignment of the pipe. The applicant excavated 10 FT deep to replace the pipeline. Uprooted, fallen trees as well as other vegetative debris were removed from the creek bank to continue water flow. The work zone was blocked off from wildlife via the installation of silt fencing.

and exclusion fencing. New 18IN post embedment were required in order to install the fence (37.048186, -122.066018 to 37.047956, -122.066736). Bare soil within the immediate work zone was hydroseeded with a native seed mix and all other bare soils were seeded with barley and mulched with sterile rice straw. The disturbed stream corridor was restored to pre-construction grade using native alluvium and planted with willow stakes. Hazard Mitigation was proposed for this project. Hazard mitigation consisted of instillation riprap and juke matting along the embankment as well as a buried keyway to restore channel contours. To perform hazard mitigation, the applicant cleared 100FT of vegetation and excavated 100 FT long x 18 FT wide x 2 FT deep to remove 1,614.62 CY of soil. The applicant excavated and compacted the dewatered bank to install 42,006.84 linear CY of rip rap along the embankment for stabilization (37.04813, -122.06597 to 37.04792, -122.06665). A total of 225 FT long x 18 FT wide x 12 FT deep was excavated for the instillation of the buried keyway (37.048180, -122.066012 to 37.047950, -122.066730). After, 6,020 square feet of juke mesh was stapled above the embankment. All sources of fill were obtained from commercial sources.

Project Alternatives:

- (1) *(No Action)* This alternative would result in lack of water conveyance to the Loch Lomon Reservoir, the city's only reservoir. If the damage is not repaired, then adverse economic and social impacts may occur and continued negative impacts may be experienced.
- (2) *(Repair in-kind)* Repairs made in kind may result in similar damages from future flood events.
- (3) *(Relocation)* Floodplain avoidance by relocating the facility is not a practicable alternative as it is part of a larger network system that is dependent upon its location in order to provide water to the reservoir.

Comments: This will serve as the final public notice regarding the above-described action funded by the FEMA Public Assistance program. Interested persons may submit comments, questions, or request a map of this specific project by writing to the Federal Emergency Management Agency, Region 9, 1111 Broadway #1200, Oakland, CA 94607, or by emailing FEMA-RIX-EHP-Documents@fema.dhs.gov . Comments should be sent in writing with the subject line "*PW 00865; PN 712997; Felton Diversion Pipeline damage and streambank erosion*" at the above address within 15 days of the date of this notice.

THIS NOTICE MAY BE REMOVED FROM PUBLIC VIEW ON THE 15th DAY FROM ORIGINAL DATE OF POSTING.

NOTICE WAS POSTED ON 4th DAY OF April 2025

FINAL PUBLIC NOTICE

*****END OF NOTICE*****