

**FEMA Hazard Mitigation Grant Program (HMGP) DR-4344 and DR-4353**  
**Projects Recommended by CalOES for FEMA Funding**

Project Title	Program Area	Project Description	Public Benefit	Total Project Cost		Grant Request	Cost Share		
Flood Elevation Program	Flood Elevation	Fund home elevation and other flood mitigation measures for properties on the National Flood Insurance Program (NFIP) repetitive loss list.	Reduce private property loss from flooding.	\$	1,807,043	\$	1,355,282	\$	451,761
Warning Sirens - System	Early Detection and Warning	Design and install warning sirens in selected locations; develop operating, testing, and maintenance procedures in partnership with the City of Santa Rosa.	In selected areas, offer method of warning to the public to take protective actions during an emergency.	\$	850,000	\$	637,500	\$	212,500
Fire Early Warning Camera System	Early Detection and Warning	Create a fire early detection camera system with fire monitoring cameras at strategic locations throughout the County, with associated microwave/tower systems in partnership with the City of Santa Rosa.	Enhance situational awareness and provide public access to fire camera views.	\$	4,427,170	\$	3,320,378	\$	1,106,792
Data Center Generator	Backup Power	Install stand-alone generator for the County's datacenter to ensure mission critical systems including 911, computer aided dispatch, communications, etc. have auxiliary power.	Reduce likelihood of system failure and ensure both continuity of operations and communications, and first responder and public safety and	\$	622,180	\$	466,635	\$	155,545
Sonoma County Community Wildfire Protection Plan Update & Local Hazard Mitigation Plan Annexation	Mitigation Planning	Update existing Sonoma County Community Wildfire Protection Plan (CWPP) and integrate into the Local Hazard Mitigation Plan (LHMP).	Identify priority projects and update and improve hazard mitigation planning.	\$	150,000	\$	112,500	\$	37,500
Sonoma County Operational Area Multi-Jurisdictional Local Hazard Mitigation Plan Update	Mitigation Planning	Update the Sonoma County Local Hazard Mitigation Plan (LHMP), which will become a multi-jurisdictional plan that includes County districts and other jurisdictions that wish to participate.	Identify priority projects and update and improve hazard mitigation planning.	\$	333,333	\$	250,000	\$	83,333
Surface Fault Rupture and Seismic-induced Landslides Analysis	Mitigation Planning	Increase understanding of Rodgers Creek Fault. Create hazard maps, and conduct site-specific studies of the fault in newly identified areas. To be integrated into the Local Hazard Mitigation Plan (LHMP).	Science-based decision making to identify seismic hazards in populated areas	\$	150,000	\$	112,500	\$	37,500
Wildfire Adapted Sonoma County: Education and Incentives for a Safe and Resilient Sonoma County	Mitigation Planning	Harden structures and create defensible space to reduce risk of fire damage in identified vulnerable locations in the Wildland-Urban Interface (WUI) throughout County.	Reduce likelihood of catastrophic wildfire and; empower the public by educating them about ways to mitigate impacts of natural disasters.	\$	6,677,777	\$	5,000,000	\$	1,677,777

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Stabilize and Re-vegetate Hood Mountain	Natural Resources	Revegetate and stabilize soil in areas burned by the fire and damaged by fire suppression efforts such as bulldozer lines to prevent flooding, erosion, and debris flow that could damage properties down stream.	Mitigation from water quality hazards	\$	310,813	\$	233,110	\$	77,703
Ely Booster Station Hazard Mitigation	Seismic Retrofit of Water Infrastructure	Mitigate flood and seismic hazards to the booster station by sealing electrical enclosures, elevating equipment, and anchoring equipment critical to the operation of the Booster Station.	Reduce likelihood of system failure	\$	3,081,193	\$	2,310,895	\$	770,298
Improved Flood Early Warning Using Advanced Radar	Early Detection and Warning	Purchase and install X-Band radar to better predict flooding and provide for improved response.	Increased ability to warn members of the public to take protective actions.	\$	2,666,700	\$	2,000,025	\$	666,675
Seismic Rehabilitation and Retrofit of Secondary Treatment Clarifiers - RRCSD	Seismic Retrofit of Water Infrastructure	Retrofit facilities to reduce risk of system failure during an earthquake.	Reduce likelihood of system failure	\$	2,400,000	\$	1,800,000	\$	600,000
Seismic Rehabilitation and Retrofit of Secondary Treatment Clarifiers - SVCSD	Seismic Retrofit of Water Infrastructure	Retrofit facilities to reduce risk of system failure during an earthquake.	Reduce likelihood of system failure	\$	2,750,000	\$	2,062,500	\$	687,500
Road Yard Generator	Backup Power	Purchase and install onsite generator at the Sonoma County Santa Rosa Road Maintenance Yard to lower risk of service interruption during disaster response.	Reduce likelihood of system failure and ensure both continuity of operations and communications, and public	\$	250,000	\$	187,500	\$	62,500
Culvert Improvements to Reduce Flooding	Road Improvements	Upsize 2 culverts in Sonoma County to a higher capacity to reduce flooding	Mitigation from downstream flooding impacts to private property.	\$	335,000	\$	251,250	\$	83,750
Bank Stabilization to Save River Road	Natural Resources	Protect the quickly-eroding bank of the Russian River along River Road using primarily natural materials in order to protect a vital transportation link	Reduced impacts to water quality and private property loss.	\$	5,092,220	\$	3,819,165	\$	1,273,055
Airport Generator	Backup Power	Purchase and install onsite generator for the Sonoma County airport terminal to allow operations for at least 4 days in the event of power outages.	Reduce likelihood of system failure.	\$	480,000	\$	360,000	\$	120,000
Russian River Flood Management & Fisheries Habitat Enhancement Planning	Natural Resources	Create hydro-dynamic flow model for section of Russian River that is flood-prone and impacts structures from Asti to Alexander Valley bridge (11 mi), an area with high rates of sedimentation.	Reduce private property loss from flooding.	\$	200,000	\$	150,000	\$	50,000
TOTALS				\$	32,583,429	\$	24,429,240	\$	8,154,189