



Harris & Associates

STORMWATER

Stormwater projects, like their regulations, are far from simple. But with expertise from Harris & Associates, public agencies adhere to every standard while surpassing expectations.

From emergency repairs to complex, award-winning designs, Harris provides assistance with planning, permitting, and designing environmentally responsible stormwater systems that protect the community's natural resources.

Designed for Compliance

Harris has an expert understanding of the latest stormwater and environmental mandates—including the U.S. EPA's National Pollutant Discharge Elimination System—as well as state regulations, such as the California State Water Resource Control Board's Municipal Storm Water Program. We also have deep expertise preparing Stormwater Pollution Prevention Plans to protect rivers, lakes, coastal waters, and flood control facilities from sediment and other pollutants during construction activities.

Plus, our stormwater projects align with local and regional development plans and approach the sustainable management goals set forth by the U.S. Water Alliance's *One Water Roadmap*.



San Ramon Canyon Stormwater Flood Reduction Project

More Services, More Benefits

Stormwater projects have the potential to serve communities as more than traditional infrastructure upgrades. Harris is passionate about multi-benefit stormwater and flood control projects like the McKelvey Park Flood Detention Basin—a \$25 million multi-use flood detention basin and five-acre baseball park in Mountain View, CA—for which we provided biddability and constructability reviews, construction management, and inspection services.

Similarly, there are multiple layers to Harris beyond our role as construction managers. Our thought leaders consult with public agencies on stormwater project funding strategies through Prop 1 grants and FEMA Hazard Mitigation Assistance, SB231 provisions, and MS4 permitting for Low Impact Development, to name a few.

In addition, we parlay the knowledge we've gained from the planning and permitting processes into design and construction efficiencies. For example, when wildfires and a record rainy season caused stormwater to wash out Palo Colorado Road, Harris accelerated emergency repairs by presenting three design alternatives, each accounting for environmental permitting and financing complexities.



Monterey County Palo Colorado Road Emergency Project County of Monterey Big Sur, CA

Harris provided project management, environmental documentation, and permit, survey, geotechnical assessment, preliminary design, community outreach, and final PS&E to restore Palo Colorado Road and provide a long-term solution for the Rocky Creek crossing, as well as improve the crossing at Brandon Creek after excessive stormwaters damaged the road. This project required thorough knowledge of the environmental permitting process in order to expedite the construction of the improvements, as well as expertise regarding State and Federal funding requirements to support reimbursement for the design and construction.



McKelvey Park Flood Detention Basin Santa Clara Valley Water District Mountain View, CA

Harris is providing a biddability/constructability review, construction management, and inspection services for construction of this \$25 million multi-use flood detention basin at McKelvey Park, a five-acre baseball park located in Mountain View. Floodwalls, embankment, and levee improvements will be constructed north of Highway 101 to Amphitheater Parkway in Mountain View.

DRINKING WATER

WASTEWATER

STORMWATER

WATER REUSE

925.827.4900

www.WeAreHarris.com

Harris partners with public agencies to enhance their communities.