

BUILDING RESILIENCE ONE WATERSHED AT A TIME

On February 23, 2016, the San Mateo County Board of Supervisors approved \$6.2 million over three years to begin to address flood risks in areas with cross-jurisdictional challenges. This launched the Flood Resilience Program, a team of two fully dedicated staff to hire consultants to design and implement flood resilience projects, seek grant funding, and collaborate with interested cities and other County water initiatives. Since its inception, the Program has partnered with multiple jurisdictions to build a repeatable and sustainable process for prioritizing and implementing flood resilience projects.

Under the Program's leadership, these "Collaboratives" can leverage local agency relationships, share decision-making responsibilities, enable potential funding partnerships, and apply for grant funding for the ultimate goal of improved project development. The Program's current projects include: Bayfront Canal and Atherton Channel Flood Management and Habitat Restoration, Belmont Creek Flood Management Plan, Navigable Slough Feasibility Study, and the County-wide Flood Monitoring and Emergency Response Project.

Timeline

The Flood Resilience Program is a 3-year effort beginning in fiscal year 2016-2017 through fiscal year 2018-2019. The three Memorandum of Understanding (MOU) agreements were signed in the summer and fall of 2017. With these collaboratives in place, progress on all projects has accelerated. The projects have parallel implementation schedules for planning and design, with construction anticipated to begin in Spring 2019.

Partners

The County has enacted 3 MOUs with the following seven agencies: Cities of Belmont, Menlo Park, Redwood City, San Bruno, San Carlos, South San Francisco, and Town of Atherton (the Collaboratives). The County Department of Public Works also manages Colma Creek and San Bruno Flood Control Districts. Other project partners and stakeholders include but are not limited to: South Bay Salt Pond Restoration Project, Cargill, Sherriff's Office of Emergency Services (OES), OES Joint Powers Authority (JPA) including the County and 20 Cities, Resilience by Design, San Francisco International Airport, Harbor Industrial Area Businesses, Novartis Pharmaceutical, Stanford, and multiple disadvantaged communities.

Funding

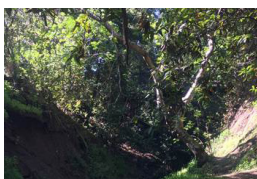
The projects are being funded by cost sharing agreements (MOUs) between the agency partners and the Flood Resilience Program budget. The total value of the three MOUs cost sharing agreements for planning, design, and permitting is \$1.4 million. Funding strategies are being developed for each Flood Resilience Program Project. On behalf of the Collaboratives, the Program has applied for approximately \$6 million in grant funding from local, state, and federal sources.

Results

Each of Flood Resilience Program's projects are regional collaborative projects that aim to develop and implement flood mitigation solutions across the County to build a repeatable and sustainable cadence and process for prioritizing and implementing resilient flood risk reduction measures. To date, the Program has entered into 3 MOU Agreements with 7 Cities, has applied for approximately \$6 million in grant funding, and has developed a repeatable process for ongoing and future collaborations.

Website

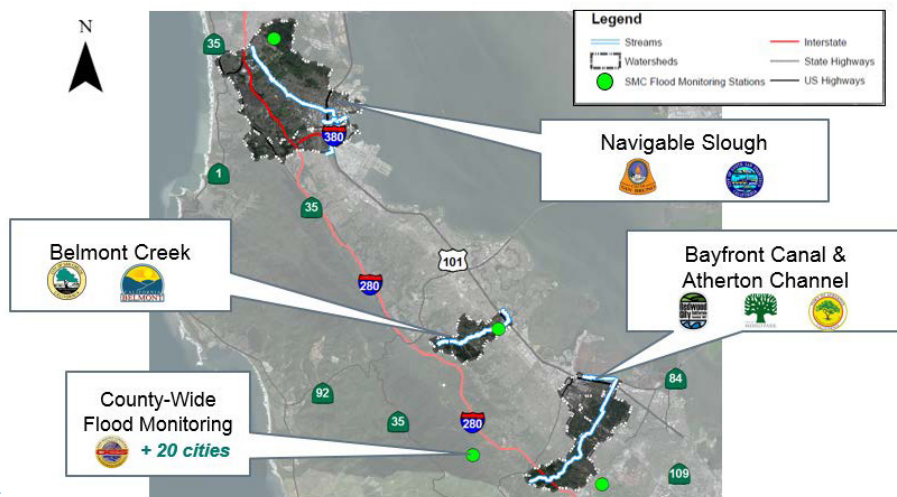
<https://publicworks.smcgov.org/flood-resilience>



BELMONT CREEK FLOOD MANAGEMENT PLAN



COUNTY-WIDE FLOOD MONITORING AND EMERGENCY RESPONSE PROJECT



NAVIGABLE SLOUGH FEASIBILITY STUDY



BAYFRONT CANAL AND ATHERTON CHANNEL FLOOD MANAGEMENT AND HABITAT RESTORATION