

**House Transportation and Infrastructure Committee  
Water Resources Development Act  
High Priority Projects Request Form**

**Office of Congresswoman Jackie Speier (CA-12)  
211 Cannon House Office Building  
Washington, D.C. 20515  
Tel.: 202-225-3531  
Fax: 202-226-4183**

**DEADLINE: Tuesday, December 1, 2009 @ 9:00 p.m. (P.S.T.)**

*(Return via email to [Cookab.Hashemi@mail.house.gov](mailto:Cookab.Hashemi@mail.house.gov) AND [Brian.Perkins@mail.house.gov](mailto:Brian.Perkins@mail.house.gov).)*

Please include your full contact information in all correspondence with the Congresswoman's office.

Organizations must provide complete responses to all questions on this form. Incomplete proposals will NOT be considered. Organizations must adhere to word limitations for each question.

**Date submitted:** December 1, 2009

**Project name:** Replacement of San Bruno Stormwater Pump Stations and Widening of San Bruno Creek Flood Control Channel

**Local contact(s)** *(Please provide full contact information, including email addresses and any relevant phone extensions, and indicate if there is a separate D.C. contact.):*

**QUESTION #1: Member's Office:**

Rep. Jackie Speier, CA – 12

**QUESTION #2: Staff Contact(s):**

Cookab Hashemi, Chief of Staff  
W: 202-225-3531  
Email: [Cookab.Hashemi@mail.house.gov](mailto:Cookab.Hashemi@mail.house.gov)

Brian Perkins, Senior Policy Advisor  
W: 650-342-0300  
Email: [Brian.Perkins@mail.house.gov](mailto:Brian.Perkins@mail.house.gov)

**QUESTION #3: Corps Information:**

Please enter the contact information pertaining to the Corps District responsible for the project, as well as contact information for the Corps employee most familiar with the project.

*Corps District – San Francisco*

*Corps Contact: James Howells*

*Corps Phone number: (415) 503-6850*

*Corps Contact Email address: James.A.Howells@usace.army.mil*

**QUESTION #4: Project Location:**

Please enter the city and counties in which the project will be carried out. If there are multiple cities and counties in which this project will be carried out, please enter them below.

*City: San Bruno*

*County: San Mateo*

*State: California*

**QUESTION #5: Non-federal Sponsor:**

Please enter all contact information for the non-federal sponsor of the project.

*Name of Non-federal sponsor: San Mateo County Flood Control District*

*Name of Non-federal sponsor staff contact: Jim Porter, Public Works Director*

*Non-federal sponsor phone number: (650) 363-4100*

*Non-federal sponsor email address: [jporter@co.sanmateo.ca.us](mailto:jporter@co.sanmateo.ca.us)*

*Non-federal sponsor address: 555 County Center, 5th Floor, Redwood City, CA 94063*

*Name of Non-federal sponsor:* City of San Bruno

*Name of Non-federal sponsor staff contact:* Klara Fabry, Public Services Director

*Non-federal sponsor phone number:* (650) 616-7065

*Non-federal sponsor email address:* [kfabry@sanbruno.ca.gov](mailto:kfabry@sanbruno.ca.gov)

*Non-federal sponsor address:* 567 El Camino Real, San Bruno, CA 94066

**QUESTION #6: Project details/purposes:** *(You may choose more than one. Please highlight section below.)*

*Project purpose:*

- Navigation
- Environmental Protection and Restoration
- **Flood damage reduction**
- **Hurricane and Storm Damage Reduction**
- Shoreline Protection
- Hydroelectric Power
- Water Supply
- Recreation
- Aquatic Plant Control
- Environmental Infrastructure

*Project description:* Phase I reconstructs two stormwater pumping stations at the eastern border of San Bruno—the Walnut and Angus Stormwater Pumping Stations—that are outdated and subject to failure. Rainwater runoff in San Bruno flows west to east. At the eastern edge of the city, collected water is pumped up over a levee and into a canal. Construction involves the installation of new pumps and motors, controllers, trash capture devices, wet wells, and exterior buildings.

Phase II widens the flood control channel receiving the stormwater. Located on San Francisco International Airport's West of Bayshore Property, channel widening will commence after evaluation of recently constructed improvements permitted by various Federal and State agencies under the Recovery Action Plan for the San Francisco Garter Snake for West of Bayshore Property which has set in motion a program to enhance wildlife habitat while restoring the flood carrying capacity of the channel.

*Authorization Amount requested:* **\$14,000,000**

(\$11 million: pump stations; \$3 million: channel widening)

**QUESTION 7: Project timeline**

*Please provide project timeline. (150 words or less). Assume award by July 1, 2010.*

- **August 1, 2010:** County of San Mateo issues a Request for Proposals for design services.
- **December 1, 2010:** Selected engineering firm executes contract and begins design work.
- **March 1, 2011:** Engineering firm submits for review the 30% design report for pump station reconstruction.
- **August 1, 2011:** Engineering firm submits for review the 90% design plans.
- **October 1, 2011:** Complete technical and constructability peer review of 90% plans.
- **December 1, 2011:** Release design plans for bidding by construction contractors.
- **March 1, 2012:** Award construction contract and begin construction.
- **November 1, 2012:** Construction of new stations complete.
- **April 1, 2013:** Demolition of old pump stations and site cleanup complete.
- **July 1, 2013:** Begin design and preparation for channel widening.
- **May 1, 2014:** Begin construction for channel widening.
- **October 1, 2014:** Complete channel widening construction.

**QUESTION #8:** Describe the benefits of this project to the 12<sup>th</sup> Congressional District. (500 words or less.)

While much of San Bruno to the west of El Camino Real is hilly with no danger of localized standing water or flooding issues, areas east of El Camino Real lie at or below sea level. Stormwater runoff from the western slopes of the city drain eastward toward the drainage canal immediately adjacent to the San Francisco International Airport. However, in order to reach the canal, water must be pumped over an existing levee through two pump stations—one at the eastern terminus of Walnut Avenue and another at the eastern terminus of Angus Avenue. Were one or both of these pumps to fail during a moderate to severe storm event, neighborhoods to the east of El Camino Real would soon begin to flood. In addition, the flood control channel—where flow is restricted by the opening and closing of tidegates—has become overgrown with vegetation and received silt buildup such that its carrying capacity for stormwater has dropped considerably.

Should the pump stations fail during a significant storm event, a significant percentage of the population will be required to evacuate their homes and businesses as stormwater runoff from the western portions of San Bruno begin backing up into the city's low-lying eastern portions. This evacuation and the accompanying mitigation efforts will trigger the need to declare a state of emergency within San Bruno, requiring personnel and financial assistance from the state and federal government for disaster response and recovery efforts. Moreover, those impacted by the flooding will face severe economic hardships as they struggle to rebuild their homes and businesses.

Unfortunately, the pumps and related equipment at both pump stations are outdated and prone to breakdown. During storm events, the crews from the City of San Bruno are routinely dispatched to ensure that the pumps and motors remain operational. Each pump station has multiple pump motors that share the load. When one particular pump motor has a problem, the load switches to another pump while field crews service the damaged motor. In addition, the metal grates affixed to inlets at both the Walnut and Angus stations do not sufficiently screen out leaves, branches and other particulates that cause pump failure.

By replacing the existing pump stations, the residents and businesses of San Bruno will have a more adequate level of flood protection than currently exists. Improved metal grates with automated debris removal systems will ensure that the pumps do not become clogged and will comply with newly issued State regulations regarding the elimination of trash from local streams, creeks, and waterways. Housing these improvements within new buildings allow for better protection from the inclement weather during storms and provide additional room for field crews to perform routine preventative maintenance activities. Once the pump stations have been replaced, work can then begin on channel widening activities that are essential to the regions long-term ability to move stormwater away from residential neighborhoods to San Francisco Bay and its surrounding wetlands.

**QUESTION #9: Previous Federal Funding for project**

*Has this project received previous funding from the federal government?* **No**

*If yes, please list amount and source?*

**QUESTION #10: Miscellaneous Information:**

*Are there multiple Members of Congress requesting this project?* **No**

*If yes, please list other Members and Congressional Districts:*

**Letter or Support from Non-federal sponsor. Attach a letter of support from the non-federal sponsor. Must be in PDF format.**



Klara Fabry  
Public Works Director

CITY OF SAN BRUNO  
PUBLIC SERVICES DEPARTMENT

December 1, 2010

Office of Congresswoman Jackie Speier (CA-12)  
211 Cannon House Office Building  
Washington, D.C. 20515

**Subject: House Transportation and Infrastructure Committee  
Water Resources Development Act High Priority Projects Request**

Dear Congresswoman Speier:

On behalf of the City of San Bruno, I wholeheartedly support the project to reconstruct the Walnut and Angus Stormwater Pump Stations, and widen the San Bruno Creek Flood Control Channel. While the City of San Bruno does not own the pump stations or channel, our field crews do perform maintenance as needed during storm events and—most importantly—our residents depend on their continued operation to keep their homes and businesses from flooding.

Both pump stations are in significant need of repair and require frequent maintenance. The City and the San Mateo County Flood Control District have been in close communication to help keep the aging stations in working order, discuss options for their replacement, and explore opportunities to widen the accompanying flood control channel. While the two parties have been able to address critical maintenance issues, ultimately the pump stations must be replaced with new pump stations that can meet the increased level of demand placed upon them. However, neither the City nor the County can effectively shoulder the financial burden required to replace the pump stations; and is a project worthy of the Transportation and Infrastructure Committee's consideration.

Should this project receive funding, the City will act in a partnership role with the County to provide project design peer review and assist with coordination of public outreach efforts to make sure that the end result best serves the needs of the impacted San Bruno neighborhoods.

I know you must have several important projects that the Water Resources Development Act could support, so thanks to you and your staff for giving this request careful consideration. Please contact me should you have any questions or if my staff can be of any assistance.

Sincerely,

Klara Fabry, Director  
City of San Bruno Public Services Department

567 El Camino Real, San Bruno, CA 94066-4299  
Voice: (650) 616-7065 • Fax: (650) 794-1443  
<http://www.sanbruno.ca.gov>

## Department of Public Works



# COUNTY OF SAN MATEO

555 COUNTY CENTER, 5th FLOOR • REDWOOD CITY • CALIFORNIA 94063-1665 • PHONE (650) 363-4100 • FAX (650) 361-8220

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DIRECTOR

December 1, 2009

Office of Congresswoman Jackie Speier (CA-12)  
211 Cannon House Office Building  
Washington, D.C. 20515

Dear Congresswoman Speier:

**Re: House Transportation and Infrastructure Committee – Water Resources  
Development Act High Priority Projects Request**

On behalf of the San Mateo County Flood Control District (District), I am pleased to offer this letter of support for the project to replace the San Bruno Walnut Avenue and Angus Avenue Stormwater Pump Stations, and widen the San Bruno Creek Flood Control Channel (Channel) adjacent to the City of San Bruno (City). Representatives from the District and the City have been working together closely over the past few years to more effectively manage the operation and maintenance of the pump stations and to plan for their replacement.

While the two parties have established clear lines of communication and resolved several maintenance issues, maintenance alone will not provide a long-term solution to protecting San Bruno residents from flooding due to stormwater runoff. A portion of the Channel is located within the West of Bayshore (WOB) property of the San Francisco International Airport (Airport). Due to the inability of the District to maintain this portion of the Channel during construction of the BART extension to the Airport, it became overgrown with vegetation and received silt buildup such that its carrying capacity for stormwater has been reduced considerably. In addition, the WOB property provides special habitat for the endangered San Francisco Garter Snake and the threatened California Red-legged Frogs. The presence of these species has hampered the District's ability to re-establish the original flood carrying capacity of the Channel until recently when the Airport and the District collaborated in developing a Recovery Action Plan for the San Francisco Garter Snake in the WOB property. Phase 1 of the Recovery Plan was implemented in 2008, which allowed the widening of approximately 1,000 feet of the Channel to restore capacity while providing features to enhance habitat for the species. There is approximately 4,000 feet of the Channel that must also be widened to restore capacity to the entire channel.

The cost required to replace the pump stations and widen the Channel vastly exceeds the financial means of both the District and the City. Should the Transportation and Infrastructure Committee opt to fund this project, they can be assured that expended funds will meet a need for which other sources of funding are extremely limited.

The District views this project as a high priority effort that will continue to receive our utmost attention going forward. We have recently completed a preliminary design report for the Walnut

Office of Congresswoman Jackie Speier (CA-12)

**Re: House Transportation and Infrastructure Committee – Water Resources  
Development Act High Priority Projects Request**

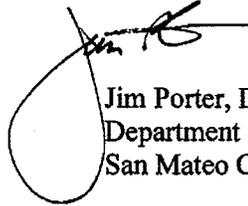
December 1, 2009

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and Angus Pump Stations, identifying some of the key design challenges and necessary features the new stations require. The design report will expedite the pending Request For Proposal process to select engineering consultants, enabling for a faster design phase.

We understand that you have several important projects to consider during this upcoming legislative session and would like to thank you, the Committee and your staff for considering the San Bruno Stormwater Pump Station Replacement and Channel Widening Project for Water Resources Development Act funding. Please do not hesitate to contact me should you wish to discuss this request in greater detail.

Very truly yours,



Jim Porter, Director  
Department of Public Works  
San Mateo County

JCP:AMS:MC:

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