Pre-Construction Meeting | 2016

Upper Berryessa Creek Flood Risk Management Project

US Army Corps of Engineers

Santa Clara Valley Water District

You are invited

Date: Monday, Sept. 12, 2016

Time: 6:30 - 8 p.m.

Place: Barbara Lee Senior Center
40 North Milpitas Boulevard
Milpitas, CA 95035

Please join the Santa Clara Valley Water District and the U.S. Army Corps of Engineers (USACE) for a pre-construction meeting regarding the Upper Berryessa Creek Flood Risk Management Project. At the meeting we will share information on what to expect during construction, the project schedule, and how to contact us during work activities.We will address concerns and questions at this meeting.

The flood protection project encompasses approximately 2.2 miles of Berryessa Creek from Calaveras Boulevard to Interstate 680 (see project map on page 2).

The Upper Berryessa Creek flood protection project offers a tremendous opportunity for a project to increase flood protection and stabilize the channel banks. Upper Berryessa Creek has a history of flooding, having experienced major events within the project area in 1982, 1983, and 1998. In 1983, floods resulted in the Governor declaring a State of Emergency. To date, the creek has a 25 percent chance of flooding each year.

Based on the planning study effort concluded in early 2014, USACE's selected plan is being implemented under the current design phase. Project features include:

- *Enlarged trapezoidal channel to increase flow capacity during storm events*
- *Bank protection including riprap at base and vegetated erosion control blankets on upper bank*
- *Replacement of railroad bridge north of Montague Expressway, and bridges crossing Los Coches and Piedmont creeks*
- *Floodwalls on west bank south of Montague Expwy. and between Los Coches and Piedmont creeks*
- *Maintenance roads on both sides of channel*
- *Planting of wetlands vegetation in channel to replace removed vegetation*

Left: Erosion has been an ongoing issue along Berryessa Creek. The water district and the Corps will address this problem and provide a 100-year level of protection.

Right: Plans include replacement of the Union Pacific Railroad Bridge that currently restricts water flows during high storm events.

- *Removal of fitness equipment, landscaping, trail and access gate on east bank south of Los Coches Street*
- *Planting of native trees and shrubs to replace removed vegetation*

Construction information

Construction work hours are 7 a.m. to 7 p.m., Monday through Saturday. Equipment can include bullzoders, excavators and dump trucks. Expect typical construction conditions such as noise, dust, roadway traffic, lane reductions and truck traffic during work hours as trucks and crews access the creek at various locations along the project's reach.

A minimum of one lane in each direction will remain open throughout the project, but flaggers may be used for traffic control.

Some work activities are expected to include clearing and grubbing, erosion control, channel structures, demolition, fencing and hydroseeding.

More detailed information on construction activity will be shared at the pre-construction meeting.

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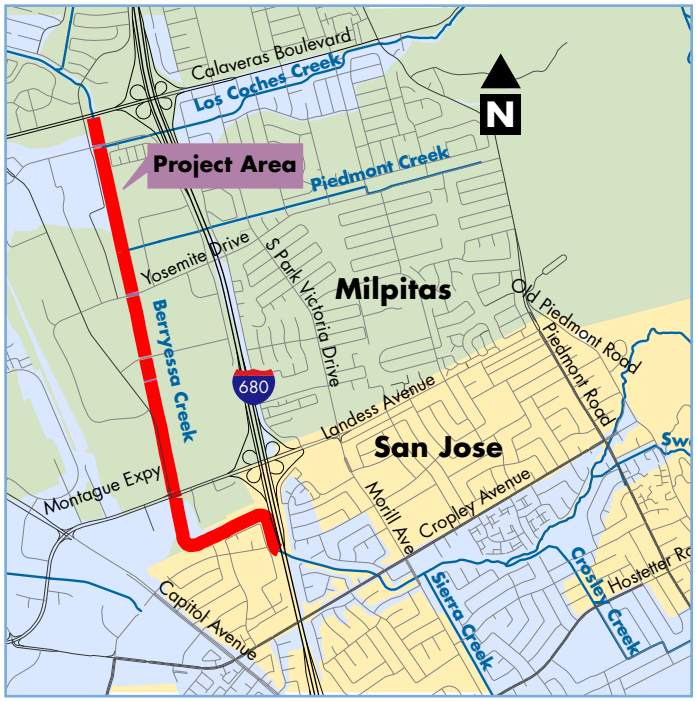
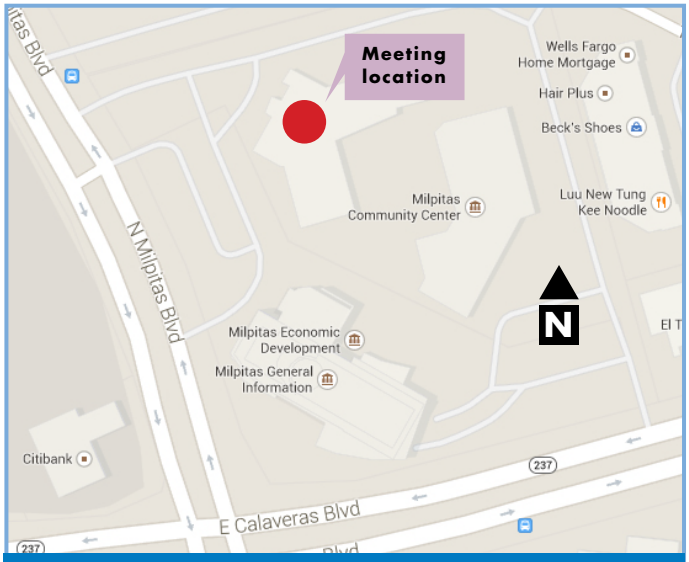
About the project

Flooding can result in millions of dollars in damage to homes, businesses, schools and other infrastructure. Disruption to businesses and transportation networks such as the upcoming BART station at Montague Expressway will result in significant loss of productivity and revenue.

One of the project's goals is to avoid utility and transportation shutdowns and prevent potential damages from a 100-year storm event exceeding $528 million (2011 value) per event. A 100-year flood has a one-percent chance of occuring in any given year or the likelihood of occuring once every 100 years. Approximately 500 businesses and homes would be affected.

Project information is also available on the water district's website, www.valleywater.org/services/UpperBerryessaFloodProtection.aspx. You also can sign up to receive project updates by clicking on the link at the bottom of the project's webpage.





Red circle on map indicates location of community meeting at the Barbara Lee Senior Center in Milpitas.

CONTACT US

For more information, contact **Christopher Hakes** at **(408) 630-3796** or by email at **chakes@valleywater.org.** Or use our **Access Valley Water** customer request and information system at valleywater.org to find out the latest information on water district projects or to submit questions, complaints or compliments directly to a district staff person.

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