

# Fact Sheet

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## Lower Crystal Springs Dam Improvements – *In Construction through 2012*

In March, following San Mateo County's demolition of Skyline Bridge, work began to modify the Lower Crystal Springs Dam spillway, parapet wall, and stilling basin. Our contractor, Kiewit Infrastructure West, will raise the existing parapet wall 9 feet at the top of the dam. In addition to this higher waterside wall, the dam's spillway will be widened and the stilling basin will be enlarged. The stilling basin is located at the base of the dam and 'stills' water from the spillway. This larger stilling basin will slow released water before it enters San Mateo Creek.

These improvements will ensure that during an extremely large flood event, the reservoir's water is correctly directed through the dam's spillway and into San Mateo Creek. These modifications to the Lower Crystal Springs Dam are required by the California Division of Safety of Dams, and will allow the restoration of the reservoirs historic water storage capacity.

This work must be completed during the dry season, and crews are now working nights and weekends. Noise, dust and vibration are all carefully monitored to ensure they are limited to the immediate work area.

Please be cautious near the Sawyer Camp Trail southern trailhead at the intersection of Skyline Blvd. and Crystal Springs Road, as additional construction traffic is present.

## Trail Access Information

**San Andreas Trail** remains open during construction. Hikers currently have a great view of construction taking place within San Andreas Lake (visible from Highway 280 near the town of San Bruno).

On the **Sawyer Camp Trail**, construction is underway at the 5-mile marker and in other locations near the trail. Cyclists and other fast-moving users are advised to proceed slowly.

Short trail closures are expected this summer and fall. To receive email notification when the trail is closed, please subscribe to our e-newsletter: [www.sfwater.org/SCT](http://www.sfwater.org/SCT) or follow us on **Twitter**: @sawycamptrail.

## Crystal Springs / San Andreas Transmission System Upgrade – *In Construction through 2013*

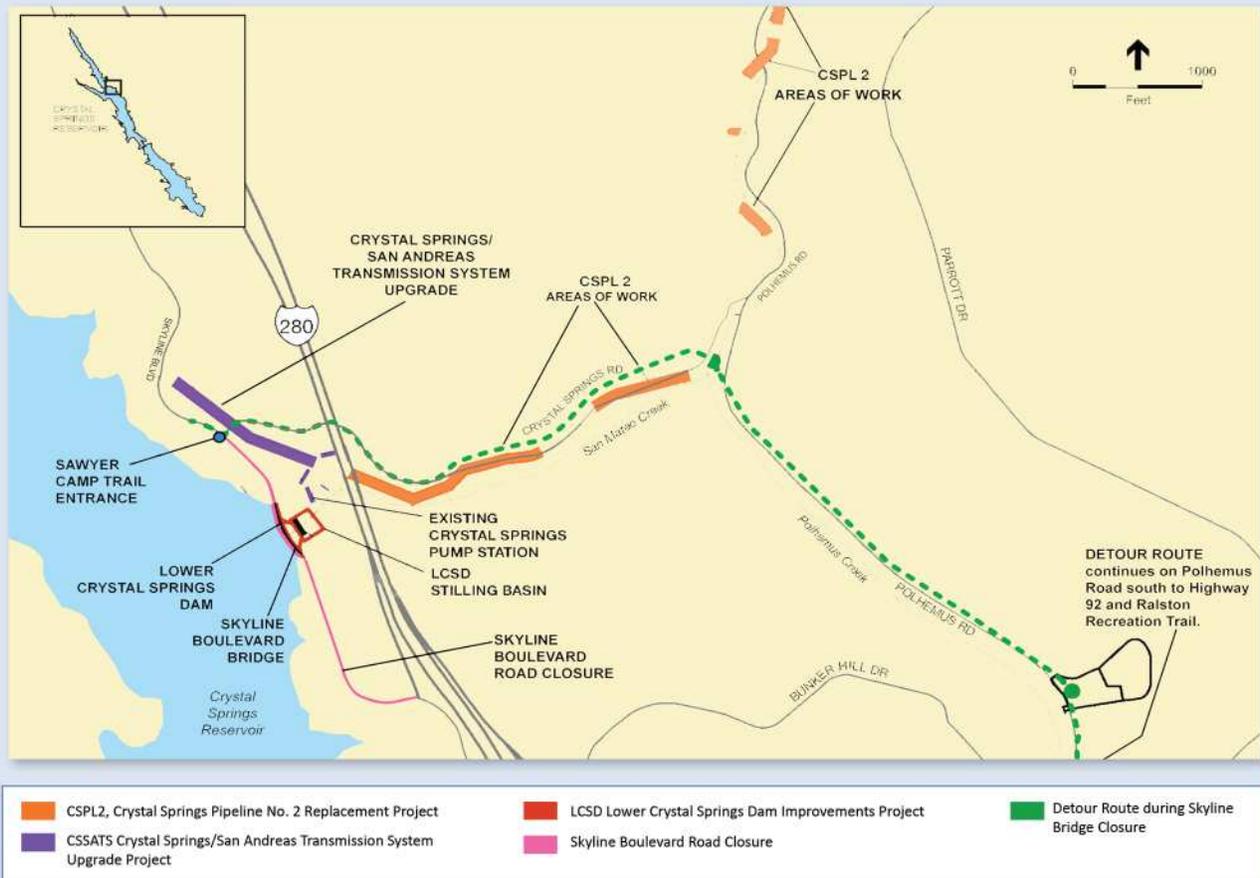
The Crystal Springs / San Andreas Transmission System (CSSATS) is a series of inlet and outlet structures, pipelines and pumping facilities that move water from the Crystal Springs Reservoirs north to San Andreas Lake and the Harry Tracy Water Treatment Plant, and then into the water distribution pipelines. This system ensures that the Peninsula's emergency and supplemental water supply can be quickly moved into the water pipes leading to our taps.

Project construction is ongoing at several locations near the reservoirs and will continue through 2013.

Underwater work is currently occurring in both San Andreas Lake and Lower Crystal Springs Reservoir. This work requires silt curtains (the yellow floating booms in the water) to contain work-disturbed sediment, and exclude biological species from the work areas. The San Andreas Lake water level is lower than normal to accommodate this seismic work.

Improvements are also underway near the Sawyer Camp Trail. This work includes tree and shrub removals to allow our crews access for pipeline upgrades. Some short trail closures will be required to complete this work. All tree removals are monitored by wildlife biologists, and include replanting plans for each species.

## Project Locations



## Skyline Bridge Replacement

San Mateo County completed the demolition of the Skyline Bridge (also known as the Crystal Springs Dam Bridge) in winter 2011. Originally built atop the Lower Crystal Springs Dam in the 1920's as part of State Route 35, the bridge was analyzed in 1986 and found to be seismically insufficient.

San Mateo County will begin work on the new bridge following completion of the Hetch Hetchy Regional Water System improvements.

## Bicycle Access

With Skyline closed between Crystal Springs Road and Bunker Hill Drive, cyclists from Cañada Road are directed to detour onto the Ralston Recreation Trail, left onto Polhemus Road, and then left onto Crystal Springs Road to reach the Sawyer Camp Trail.

## Construction Timeline



## Need More Info?

Contact our Peninsula Region project team at:

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Visit our blog:  
www.sfgwater.org/SCT

*Sawyer Camp Trail will remain open*