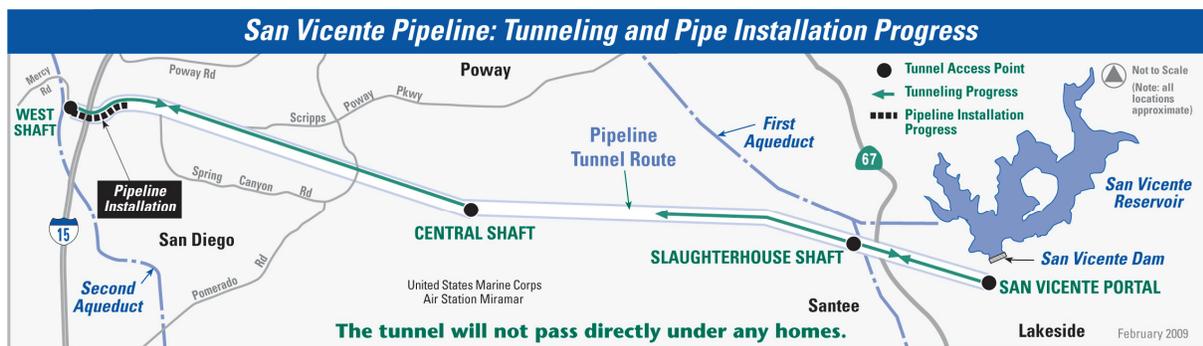


Emergency Storage Project Project Update February 2009

The following project update is being provided to keep the Lakeside Community Planning Group informed of the progress of several construction projects that are part of the Emergency Storage Project.

San Vicente Pipeline Construction



The San Vicente Pipeline is an 11-mile tunnel and a large-diameter pipeline that will connect San Vicente Reservoir in Lakeside to the Water Authority's Second Aqueduct. The pipeline will function with other Water Authority facilities to provide water to the region in an emergency.

Tunneling Progress

The last remaining tunneling machine is continuing to excavate the eastern half of the tunnel. The machine recently reached a region of softer rock, so the excavation is progressing more easily than in the past. There are only two miles left to complete the tunneling work. Once tunneling is complete on the east side of the project, crews will begin installing pipe between the San Vicente Portal and Central Shaft. In Lakeside, the San Vicente Portal and Slaughterhouse Shaft are both supporting the remaining tunneling activities. Excavated materials are removed at the San Vicente Portal and trucked to a nearby aggregate company.

Pipe Installation

Pipe installation is well under way in the western portion of the tunnel. A team of specialists work together to install each 50-foot pipe segment. The installation process includes moving the 17-ton pipe segments as far as five miles through the tunnel, fitting the pipe to its precise location, and welding it in place. It's a complex and time-consuming operation, made a little easier with specialized equipment the contractor has designed.

To date, crews have placed about 65 pipe segments in the tunnel. This is 3,250 total feet of pipe -- the length of more than ten football fields. Pipe segments will continue to be delivered to and lowered into the tunnel at the Central Shaft until this spring, when the contractor anticipates completing the five miles of pipe installation between the West and Central shafts. The Central Shaft is located south of the Beeler Canyon community within the StoneBridge Estates community. The West Shaft, located off Interstate 15 at Mercy Road, will be used for tunnel access and to support pipe installation activities when needed.

The San Vicente Pipeline will create a water supply link between San Vicente Reservoir and the Water Authority's Second Aqueduct, allowing water to be delivered to agencies in the southern portion of the county in an emergency. The project will also improve the Water Authority's ability to move large quantities of water into storage, when it is available. All work for the pipeline is scheduled to be complete in 2010.

San Vicente Pumping Facilities Construction

Construction is largely complete on the San Vicente Pumping Facilities, and the contractor is now focusing on testing the new equipment. Over the next several months, crews will test every piece of equipment in the pump station and surge control facility. This intricate process will ensure the water delivery system works properly when needed. The pumping facilities will deliver water from San Vicente Reservoir to the San Vicente Pipeline and ultimately to San Diego County residents during an emergency. This project is expected to be complete in summer 2009.

San Vicente Dam Raise Project

The San Vicente Dam Raise project is on schedule for construction to begin in late spring. The first construction package is currently out to bid for construction contractors, and bids are due in late March. Once the contractor is selected and mobilized on the project site, crews will work to prepare the existing dam for the raise, which includes excavation, blasting, and grading for the new access roads. This work will not affect the integrity of the existing dam. Some of the excavation work will require controlled blasting, but nearby community members will be notified prior to any blasting work at the site. The first phase is expected to take about one year. The next phase of construction, including placing the concrete to raise the dam, will begin in early 2010. Construction of the whole project is expected to be complete in late 2012.

If you have additional questions or would like to receive more information about the Emergency Storage Project or related projects, please contact Gina Molise, the Water Authority's senior public affairs representative, at (858) 522-6706. You can also call toll free **(877) 426-2010**, email **ESPinfo@sdcwa.org**, or visit the website at **cip-esp.sdcwa.org**.