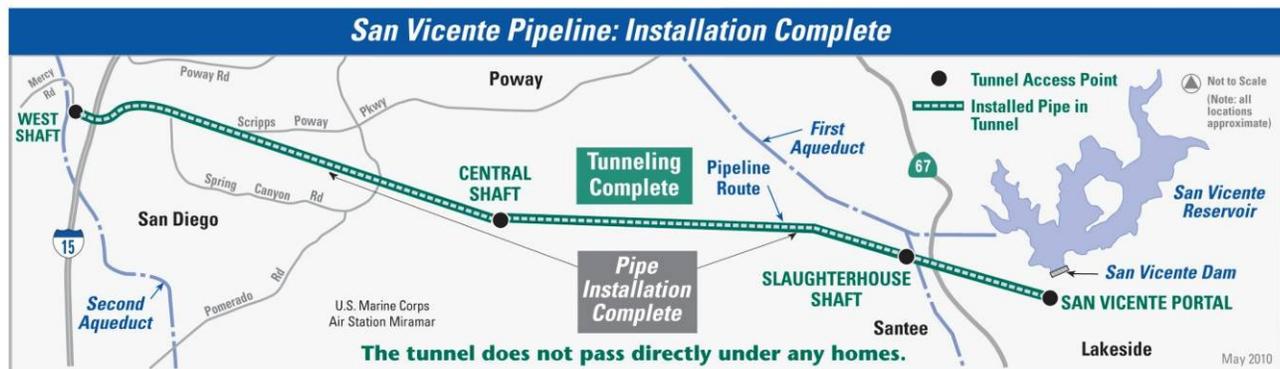


Emergency Storage Project Update

June 2010

This update is 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



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.

Currently, the contractor is completing the final job inside the pipeline: applying a cement mortar lining to the pipe interior to prevent corrosion. The contractor's efforts are now shifting to the work above ground at the four pipeline access points. This month, the contractor plans to start restoration work on the Slaughterhouse Shaft access road in Lakeside. The surrounding businesses will be notified before the work begins.

The West Shaft is located west of Interstate 15 at Mercy Road. From now until the completion of the project, this will be a busy construction site. The contractor has begun work to connect the new pipeline to existing water facilities. Last month, a large riser pipe weighing 34 tons was delivered to the West Shaft, lowered into the tunnel shaft and secured in position with concrete. Two reinforcing plates on the riser pipe strengthen the welded connections at the pipe "elbow" and will stabilize the pipe during operation (see photo on next page). Additional restoration work at the West Shaft includes grading, fencing, landscaping, and road improvements. All work for the pipeline is scheduled to be complete later this year.

The 11-mile-long San Vicente Pipeline is a key component of the San Diego County Water Authority's Emergency Storage Project. The 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 in San Vicente, when supplies are available.



In May, crews lowered this riser pipe down into the tunnel at the West Shaft. The two smaller openings on the side of the riser pipe will turn up and extend to the surface serving as drain lines.

San Vicente Dam Raise

Construction on the main phase of the San Vicente Dam Raise project has begun. This phase will include placing concrete that will raise the height of the existing dam 117 feet, and other related work. The Water Authority awarded the construction contract for this work at its April Board of Directors meeting. The contractor is a joint venture partnership between Shimmick Construction Company Inc. and Obayashi Corporation. Since the dam raise work is specialized and complex, the Water Authority chose to conduct an open prequalification process to identify potential prime contractors who would have the required experience and qualifications. Five prime contractors were prequalified to participate in a competitive bidding process and submitted bids. The contract was awarded to the lowest qualified bidder, Shimmick/Obayashi Joint Venture. The prime contractor will delegate portions of the work to subcontractors, providing employment opportunities to local San Diego County workers.

One of the first activities planned for this contractor is improving the Moreno Avenue/Vigilante Road intersection. As described at the May 21, 2008, Lakeside Community Planning Group meeting, the contractor will change the current Y-shape configuration of the intersection into a T-shaped intersection, which will allow easier left-hand turns for the large delivery trucks from Vigilante Road onto Moreno Avenue toward the dam. This work is expected to begin later this summer, and residents and businesses nearby will be notified before the work begins.

Barnard Construction Company, the contractor for the initial construction phase of the project that began last July, is nearing the end of its work. Most of the foundation excavation and dam cleaning work is done, with the remaining tasks expected to be complete by the end of this summer.



The first phase of the construction included excavating the foundation of the dam and then placing concrete to shape and prepare the foundation for the new concrete that will raise the height of the dam.



The contractor has completed hydrodemolition, which removed about two inches from the surface of the dam to prepare it for the new concrete.

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