

January 8, 2018 – Second Project Update

**Traffic Through Construction Site:**

The posted speed limit through the active construction zone has been reduced to 25 mph for the safety of both motorists and construction workers. Escondido PD has been onsite to assist with the enforcement of the speed limit.

Motorists are advised that bicyclists may use the full travel lane where indicated by shared lane signs and markings through the construction zone. Motorists and bicyclists are reminded to follow the rules of the road at all times.

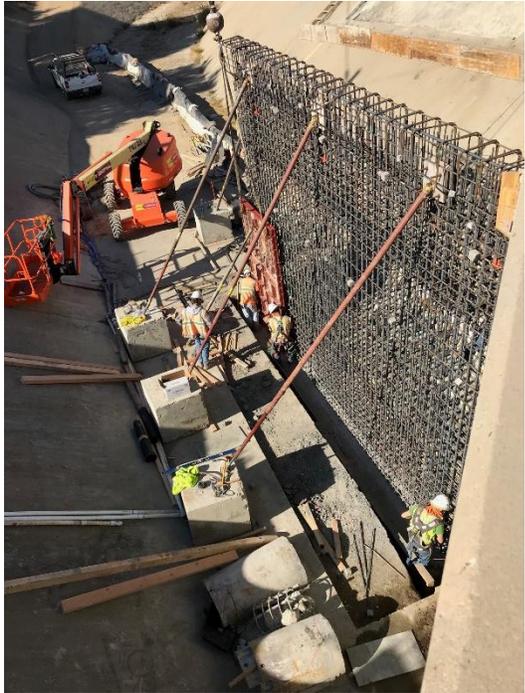


**Progress this Month:**

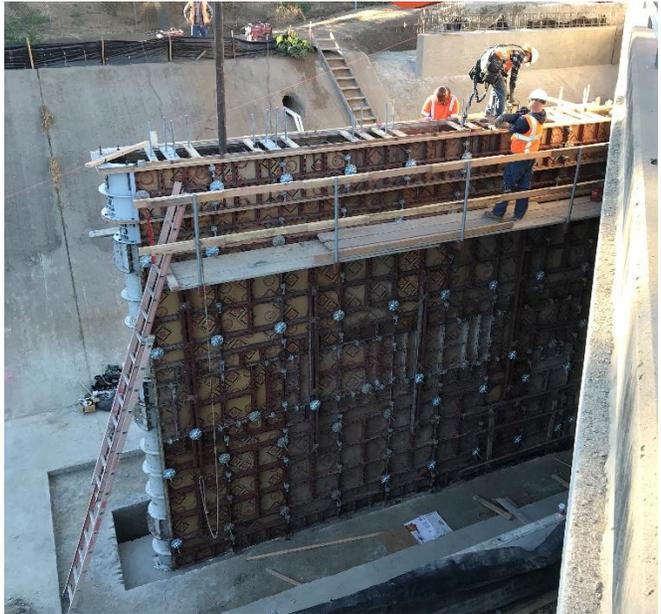
The grading operation is proceeding along the east side of Valley Center Road with the import of 2,000 cubic yards of material. The underground utility conversion is continuing along the east side of Valley Parkway between Beven Drive to the south and Lake Wohlford Road to the north. The construction of the sound wall has begun along the dog park frontage. Construction of street lights along Valley Center Road is continuing with the installation of the concrete foundations.

The preconstruction meeting for the bridge portion of the project was held on October 17, 2017. The widening of the bridge deck will be supported by three elements: Abutment 1, Pier 2 and Abutment 3. The construction of Abutment 3 began on October 19, 2017 with the installation of ten (10) 18"-diameter steel piles driven to a depth of up to 40' below grade. Once these structural elements were in place, the concrete footing and wall reinforcing elements were formed and poured. The construction of Abutment 1 on the south side of the channel began on October 24, 2017.

The construction of Pier 2 along the centerline of the channel floor began on October 23, 2017. This multi-phase operation began with the installation of three (3) CIDH (Cast in Drilled Holes) piles. The 30"-diameter steel pile casings were set 9'-10' apart and drilled to a depth of 24' below grade. A 24"-diameter shaft was then rock socketed an additional 7' into bedrock. Due to the density of the bedrock, the drilling of the shaft progressed as slowly as 7" during an 8-hour day. Once the required depths were achieved, a 24"-diameter CIDH reinforcing cage was inserted into the rock socket and 30"-diameter steel casing and infilled with concrete. After the piles were set, the construction of the pier footing and wall reinforcing elements followed. The final concrete pour for the pier wall was completed on December 27, 2017 and the precast slabs for the bridge deck were installed on January 4, 2018.



Pier Wall Reinforcement



Pier Wall Form



Pier Wall



Sound Wall Construction