CACHE WATER
Restoration Project
A Community Partnership

CWRP WEEKLY CONSTRUCTION PROGRESS REPORT
Week ending January 19, 2013

RIVER DIVERSION SEGMENT

Work on the river diversion segment progressed this week despite extreme weather conditions. Spindler has continued to build tents in which to work and to keep concrete cure temperatures above the specified temperatures. Spindler formed the lower footing at the diversion structure and the iron workers secured the steel.

Whitaker continued to do some grading for the structure and later on in the week crews were able to begin laying out the footprint of the remaining footing.

Laying out the upper slab at the Diversion

Forming of walls and upper footing will begin early next week with another placement of concrete toward the end of the week.

Pouring the lower footing (inside the tent)

CANYON SEGMENT

On the canyon segment this week, Spindler Construction placed a floor/footing section near station 69+00. Concrete tested within specification, and the pour went smoothly. Overnight temperatures were well above the minimum requirements. Spindler was also able to place the concrete floor section at the tie-in structure between US-89 and the pre-cast box culvert in the canyon.

Again this week, work on the canyon segment was dominated by weather and temperature.

Spindler Construction has multiple locations ready for concrete which will be placed once temperatures are feasible. Smaller pours such as the ones performed this week will continue so temperatures can be controlled.

Next week the contractor hopes to find a break in the weather and be able to place concrete in three or four different locations.

Concrete placement at tie-in structure

Tented section ready for concrete placement

LOGAN NORTHERN SEGMENT

This week, Whitaker's crews installed 12 inch HDPE pipe across the 800 North intersection, through a corner property, south east across 600 East, and south along the 600 East shoulder. Traffic was successfully diverted around the work area this week which enabled crews to focus on pipe installation. Crews were able to install a total of 425 feet of 12 inch HDPE pipe and a 12 inch butterfly valve. The pipe alignment followed the west side existing underground canal culvert.

The contractor ran into an issue with a Logan City storm drain as they were making their way south near the 600 East crossing. The 12 inch Logan City storm drain pipe and the new HDPE pipe were in direct conflict. After coordinating with Logan City, and with their approval, the 12 inch storm drain was cut out of the alignment and was replaced with a 6 inch pipe. The elevation on the HDPE pipe was then adjusted to go over the storm drain line.

The tree removal crew continued work in-between 400 and 500 North this week. The tree removal work continues to move slowly but is nearing an end.

Next week Whitaker's crews will cross 700 North and continue their way south. Extra crews will be brought in to start filling the canal south of 550 North in preparation of the storm drain pipe and HDPE

pipe installation. Various road closures will occur next week as crews quickly work to get out of the intersections.

Pipe installation on the shoulder of 600 East

12 inch HDPE pipe crossing 600 East

VALLEY SEGMENT

Crews on the valley segment were able to install 97 feet of 66 inch reinforced concrete pipe (RCP) along with 90 feet of 30 inch RCP storm drain pipe. One man hole in the storm drain alignment was also installed.

Toward the end of the week, crews reached the 1220 North bridge crossing, and began demolition. 66 inch pipe installation will now be put on hold as the contractor

1220 North bridge demolition

demolishes the bridge and lowers a sewer and water line.

Next week, the mainline crew will continue the bridge demolition and utility restoration in the 1220 North intersection. The utility restoration crew will continue their work upstream of the mainline crew to prepare the area for the 66 inch pipe installation.

1500 NORTH SEGMENT

No work occurred on this segment this week.

In the near future crews will work on both the diversion and pressure reducing structures to prepare them for the finishing pours next pour.

LAUB SEGMENT

Whitaker Construction placed the pre-cast metering vault this week downstream of the diversion structure. 20 inch HDPE pipe was also fused and connected between the two structures. Crews continued fusing pipe the rest of the week along the alignment of the canal in preparation for pipe installation.

Next week, crews will place the HDPE anchor and continue fusing pipe.

Pipe connection at diversion structure

Metering vault