

**CWRP WEEKLY CONSTRUCTION PROGRESS REPORT**

Week ending July 20, 2013

**CANYON SEGMENT**



**Rock hammer shaving off rock from the hill side to make room for the maintenance access**

where some of the rock outcroppings extent too far into the new canal alignment making it impossible to pass through with a normal vehicle. To remedy the issue, a rock hammer was brought in to chip away the rock, and create a passable access way. Progress on rock removal was very slow due to the hardness of the rock.

Next week, the contractor will begin backfilling the culvert on the west end of the alignment near the emergency bypass heading east. They will also continue rock removal west of the middle access.

**VALLEY SEGMENT**

This week on the valley segment, crews continued to work on the landscaped channel in the Logan Golf and Country Club (LGCC) and south of 1220 N. The golf course crew continued channel excavation north of Oldham Bridge heading toward Cedar Heights Dr. Crews continue to construct the



**Placement of top soil on the canal bank in the LGCC**

This week Whitaker completed the backfill work from the middle access to Windy Point. More man power was available this week which accelerated progress on the backfilling operation. Crews have now backfilled up to the area where the gabion basket wall will be placed. These gabion baskets will be placed in order to widen the maintenance access and make enough room for the canal company vehicle to pass through. There are two locations where this will be necessary, Windy point, and above the power plant.

Work also progressed this week west of the middle access. The contractor has backfilled to the point in the alignment

standard channel cross section as shown in the design. The contractor is had to modify the channel cross section a few times in areas where larger trees were near the edge of the channel. In these locations instead of a sloped bank on the east side of the channel, a vertical wall was placed. The vertical wall allowed the contractor to maintain the bottom width of the channel and also stay away from the trees.

The 1220 N crew began excavation on the south side of 1220 N heading toward Cedar Heights Dr. The area between these two cross streets is very narrow which presented a challenge for the contractor this week. Crews coordinated with the landscape architect, the project team, Logan City, and the residents to construct a channel that would fit into the narrow canal easement and still be aesthetically attractive.



**Graded channel ready for lining**

Next week, crews will continue to work on the channel in the two locations listed above. H2J, the liner sub-contractor, will also be on site to line the channel that has been excavated. Once lined, the crews will drop back and begin placing rock on top of the liner.

### **1500 NORTH SEGMENT**



**Placement of road base for the access road between 1200 E and the pressure reducing vault**

This week on the 1500 N segment, LeGrand Johnson Construction was again on site preparing the asphalt patch near the 1500 N 1200 E intersection. Crews were able to prepare and compact the subgrade and place asphalt on the same day. Coordination between the contractor, the project team and North Logan City occurred prior to work beginning to ensure that the patch was acceptable to North Logan City.

LeGrand Johnson was also able to place the road base for the 12 foot wide access road running down to the pressure reducing structure from 1200 E. Road base was placed at 8 inches thick on top of Mirafi fabric and geo-grid as specified by the design

engineer. The contractor used a lay down machine to place the road base to ensure proper thickness and width of the access road.

In the coming weeks, a punch list will be generated for this portion of the project and the contractor will work to close out this segment of the project.

#### **LOGAN NORTHERN SEGMENT**

LeGrand Johnson was on the northern part of the segment this week placing the remaining portions of the access road. Crews placed a 12 foot wide road from the bridge near the 1500 N pressure reducing station south to the bridge at 1400 N. Crews placed the road base with the lay down machine immediately after placing the access road for 1500 N. The completion of this portion of the access road marks the completion of the entire access road on the Logan Northern Segment.

In the coming weeks, the contractor will work on the remaining concrete items along the alignment of the project including valve collars, and a few driveways. Crews will also finish the remaining clean up and landscaping items.

#### **RIVER DIVERSION SEGMENT**

No work occurred on this segment this week as all available crews were working on other segments of the project. There are only a few clean up items that remain on this segment which will be addressed in the coming weeks as crews become available.

#### **LAUB SEGMENT**

No work occurred on this segment this week as all available crews were working on other segments of the project. In the coming weeks, crews will finish the work on the fencing around the diversion structure, and final grading and clean-up along the alignment.