CACHE WATER
Restoration Project
A Community Partnership

CWRP WEEKLY CONSTRUCTION PROGRESS REPORT
Week ending December 15, 2012

RIVER DIVERSION SEGMENT

Crews continued to prepare the Logan River streambed and embankments for construction of the river bypass around the canal diversion structure. Pipes will be used to divert water around the existing river diversion structure. Once the water has been successfully diverted, crews will begin demolition of the existing structure and construction of the new structure.

Placing the first diversion pipe in the river bed

Moving the second diversion pipe into place

CANYON SEGMENT

The contractor is using a track-driven, walk-behind Bobcat skid steer to clean out the culvert that runs under Highway 89 near the river diversion. It contains a fair amount of sediment and rocks that restrict flow.

On the cast-in-place portion of the box culvert, the contractor placed concrete four times last week, completing another 270 feet.

Next week, crews plan to continue cleaning out the culvert under the road in the upper section and cast-in-place crews will continue to pour concrete, being conscious of cold weather protection of the concrete.

Cast-in-place box culvert at the mouth of Logan Canyon

Debris removal from culvert under Highway 89 near the river diversion

LOGAN & NORTHERN SEGMENT

Crews completed installation of 1600 feet of 16-inch, high-density polyethylene (HDPE) pipe between 1400 North and 1500 North.

Crews completed boring under the road at 1000 North, which included installation of 250 feet of 14-inch HDPE pipe.

The tree removal crew continued to clear vegetation, including large trees between 500 North and 600 North.

Next week, crews will continue pipe installation between 800 East and 1000 North.

16-inch HDPE pipe installation nearing the pressure-reducing structure

Tree removal crew working on a large tree

VALLEY SEGMENT

Work on the Valley Segment continued with the placement of 824 feet of 66-inch reinforced concrete pipe (RCP). Weather conditions were very favorable most of the week.

Crews upstream of the mainline crew successfully installed two telephone conduits and a power conduit at the intersection of the canal and 1220 North. Crews then moved to the golf course to begin lowering utilities.

The mainline crew will reach Lundstrom Park next week and will begin to place 30-inch RCP on the east side of the 66-inch RCP for storm water purposes. Work to tie into the storm drain at Lundstrom Park will also occur. The utility restoration crew will continue their work upstream of the mainline crew to prepare the area for 66-inch pipe installation.

Placement of an access manway

66-inch RCP placement near Lundstrom Park

1500 NORTH SEGMENT

Crews placed the forms for the suspended slab on the diversion structure and some rebar. Toward the end of the week, the steel pipe inserts for the pressure-reducing structure arrived and they will be inserted next week.

LAUB SEGMENT

Crews began placing forms for the floor slab of the new diversion structure. Due to existing groundwater conditions, a dewatering pump will run continuously to keep the subgrade dry until construction of the structure is complete.

Next week, crews will place rebar for the floor slab and pour concrete.

Preparing subgrade for slab placement