Contract CNQ029 Alcoa Highway SR 115 (US 129)

September 2018 Project Update



Completed Activities:

- Roundabout #1 and #2 along Maloney Road, are installed and open to traffic.
- New alignments for Collector #1, Dresser Road, and a portion of South Circle are complete.
- Retaining Walls #1, 2, 3, 4, and 9 are complete.
- The box culvert extensions at station 12+600 RT and 10+600 RT are complete.
- The stream encapsulations of STR-1, 2, and 3 are installed.
- All proposed sewer is installed as of 7/30/18.

Current Activities:

- Bridge crews continue to work on Bridge #1 at Maloney Road and #3 at Montlake and Barberhill Road. All of the
 beams have been set across span #2 of bridge #1. The beams across span #1 will be installed once the fill
 location is up to grade for abutment #1, which is projected to be complete by September, weather
 permitting. Both abutments for Bridge #3 have been installed.
- The construction of the new grade and alignments of east and west Ginn Road are underway. The contractor is close to completing all the proposed storm drainage on east Ginn Road. The excavation to the new proposed grade for west Ginn Road is complete. Crews will begin working on installing the storm drainage system, as well as the permanent utility lines now.
- The excavation for wall #10 has begun. The contractor will begin working on installing the soil nails once the initial excavation is complete, and all shoring of the soil necessary has been done.
- The construction of the large retaining wall, wall 8, on the project is on-going.
 - Currently, 267 of the planned 334 solider piles, approximately 80%, have been installed. This includes over 16,400 ft. of 14 inch steel piling, 1660 cubic yards of structural concrete, and 2350 cubic yards of low strength flowable fill concrete.
 - Excavation of the face of the wall continues. From the start of wall (at South end) to pile # 67 (approx. 700 ft. in length), excavation for wall is nearly complete. From pile #67 to #105 (approx. 400 ft. in length), grades have been excavated down to the 2nd row of tie-back anchors; from piles #105 to #130 (approx. 200 ft. in length), grades have been excavated for the 1st row of tie-back anchors. Currently, grade crews are continuing excavation work to expose the 1st row of proposed tie-back anchors from pile #130 to #218. Excavated material is being used at various fill locations around the project, including near Bridges #1 and #3.
 - Of the nearly 2,000ft long of proposed retaining wall, crews have poured and finished the structural concrete facing for over 360ft along the South end of the future wall. This translates to roughly 18% of the total wall length that is nearly complete, not including final coatings, a slip formed barrier rail along the base, construction of a concrete ditch behind the top of the wall, and other incidental items of construction.



Setting Bridge #1 beams



Bridge #1 with beams across span #2 set



From atop of Wall 8 looking north towards Knoxville



From atop of Wall 8 looking south towards Alcoa