



Date: June 14, 2016

To: Dan Landon, NCTC

From: Becky Bucar, Engineering Manager

Subject: SR 89 Mousehole Pedestrian and Bicycle Improvement Project

The State Route 89 Mousehole Bicycle and Pedestrian Improvement project has constructed a pedestrian/bicycle railroad undercrossing and will construct connecting trails east of the existing SR 89 Mousehole tunnel in Truckee, California. The trail will extend from Deerfield Drive in Truckee, California to West River Street in Placer County.

The Truckee Town Council awarded the construction contract to Gordon N. Ball, Inc. on September 23, 2014 for a contract amount of \$7,870,230 and a contingency budget of 10% or \$787,000.

Construction Management

Approximately 90% of the work has been completed (on a cost basis). To date, 102 submittals and 43 Requests for Information have been received from Gordon N. Ball, most of which have been reviewed and returned (no submittals are outstanding and one RFI is outstanding). Nine change orders have been approved resulting in a \$44,474 (0.6%) net decrease in the contract amount. Of note, change order #6 was a Value Engineering Cost Proposal in which the contractor and Town shared in costs savings associated with alternative portal shoring method. This change order resulted in a cost savings to the project equal to approximately \$45,000.

There are approximately 15 additional items that may or may not require change orders, including a credit that would be due to the contractor for using less than the budgeted amount of Union Pacific Railroad flagging days. The use of less flagging days results in a savings to the Town and the construction contract provides for the sharing of the savings with the contractor to incentivize efficient use of railroad flagging days.

The Town hired 4LEAF, Inc. to provide construction inspection services for the project. 4LEAF's contract, which also includes soil testing and materials testing, was for a not to exceed amount of \$820,463. 4LEAF anticipates completing the project within their current budget.

Construction Activities

The pedestrian tunnel has been installed and was left open for the public to use over the winter. To facilitate winter use, a temporary asphalt path was constructed leading up to the tunnel. See attached photo.

The contractor began work again in May. In the past month, the contractor has graded the sediment basin on the north side of the project site, placed rock slope protection along the north tunnel portal, installed various drainage systems, and installed rock veneer on the portal wing walls. Please see attached photos.

The work that remains to be completed this summer is summarized below.

- Complete curb and gutter.
- Construct concrete paths connecting the tunnel to Deerfield Drive to the north and West River Street to the south.
- Install railing along tunnel wing walls.
- Complete transit shelter.
- Remove pedestrian flashing beacons.
- Complete asphalt paving and striping.

Construction is anticipated to be substantially complete by the end of July 2016.

Union Pacific Railroad Coordination

Most of the coordination with the railroad is complete. No additional railroad flagging is anticipated to be required.

Ribbon Cutting

Once the project is complete the Town plans to hold a ribbon cutting ceremony to celebrate. We will certainly keep you posted on the details but we are considering a date in the beginning of August.

Please contact Becky Bucar at (530) 582-2932 or bbucar@townoftruckee.com if you have any questions.



South Portal Temporary Path



South Portal Temporary Erosion Control



North Portal Drainage Excavation



Curb and Gutter (constructed in 2015)



View of Vehicle and Pedestrian/Bicycle Tunnel



View of South Portal and Transit Shelter



Placement of Rock Veneer on Portal Walls



Rock Veneer on Portal Walls