

Highway 35



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This week Malcolm Drilling moved out after finishing all the drilled shafts on White River Bridge and Green Apple Bridge. The last of testing on the shafts was conducted on Monday by Geo-Design using Cross Sonic Logging or CSL testing. The purpose of the CSL is to determine soundness of the shaft. The CSL test was first setup by installing steel pipes evenly spaced around the rebar cage that was lowered into the shaft. A few days following concrete placement, a transmitter is lowered into one pipe and a receiver into another. These are lowered to the very bottom of the pipes then simultaneously both are raised, as one transmits, the other reads the signal coming through the concrete. This is done in pattern that results in every possible combination being used. From this data, software is used to define problems in the concrete. The photo is the crew filling these pipes with concrete after testing and acceptance of the concrete shaft, a rather messy job.



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Two major activities have been underway all week, construction of the 144-inch diameter culvert and 240-inch diameter culvert. The entire 144-inch diameter pipe is now installed and backfilling around the culvert is underway. Slow to say the least as the backfill is placed in 12-inch layers, compacted and tested. As for the 240-inch culvert, they have around 70 percent of the culvert together. For the 240-inch culvert, not only are they backfilling around the pipe in those same 12-inch lifts but a crew is inside the pipe welding in baffle plates. It's a lot welding. The photo below shows these baffle plates being installed inside of the 240-inch culvert.



Next week Cascade Bridge will join the construction as they are the bridge subcontractors and will start construction of the pier walls. Hopefully we can have weather for a few more months as there's a bunch of concrete to be poured before winter snows hit. Tapani will continue backfilling the two culverts next week, getting prepared to construct another detour.

At Tamarack Quarry all is quiet as Tapani has put a halt to any further work there pending direction on the rock. Next week travelers will encounter brief traffic controlled stops on Highway 35 Monday thru Saturday, 7:00AM to 6:00 PM.

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