

VT 14 Bridge Project Construction Update Week of October 31

Next week (October 31 – November 4, 2016) the contractor on the VT 14 Bridge Project, ECI, will continue to work on tunneling a 42-inch drainage culvert 8-14 feet underneath US 2 and installing a retaining wall near the intersection of Route 2 and VT 14. Also, next week ECI will complete installation of a 10-inch conduit for the traffic signal that will be added when the new bridge and turning lanes are installed.

Construction will occur days and evenings. The day time work will be done with little interference with traffic except to get equipment and materials in and out of the work area. During the night work (6 PM to 6 AM) there will be alternating traffic. Flaggers will assist motorists through the construction zone when travel is limited to one lane.

The crew completed installation of a 24-inch drainage culvert under US 2 this week using a jack and bore trenchless excavation method. Previously they used a trenchless directed drilling method to install conduits for telecommunications equipment. Below are photos of the jack and bore equipment used in E Montpelier. You Tube has an interesting video that shows both methods. See first two videos at: <https://www.youtube.com/watch?v=vB7zxvajnyk>. The jack and bore installation in E Montpelier varied a bit from the video but the animation is an excellent view on the method used.



ECI Project Supervisor Mark Bonin next to jack and bore drilling equipment on the south side of Route 2.



A pilot hole was first drilled using the smaller pipe with pink edge to explore what obstacles may be under the road surface in advance of installing the 24-inch drainage culvert.



Within the 5-inch metal pipe, there is an auger that will drill through fill under Route 2 while at the same time bring out loose fill into the jacking pit in foreground.

Throughout construction the speed limit through E Montpelier village will be 25 mph.

PLEASE DRIVE WITH CAUTION THROUGH THE WORK ZONE AND “HANDS FREE” IF USING A CELL PHONE

Best regards,

Jill

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