



**H.E. Bergeron Engineers, Inc.**

PO Box 440, 2605 White Mountain Hwy

North Conway, NH 03860-0440

www.hebengineers.com

Phone (603) 356-6936

Fax (603) 356-7715

Civil • Structural • Surveying

**MEMO**

**Date:** July 15, 2011

**Project #:** 2010-062

**To:** Residents of Randolph

**From:** Eric Grenier, EIT, HEB Engineers

**Re:** **Randolph Hill Road Reconstruction**

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**RANDOLPH HILL ROAD RECONSTRUCTION  
UPDATE #3 – 07/15/2011**

Good Afternoon Folks,

Here is the next installment of the Randolph Hill Road Reconstruction Update. I hope everyone had a pleasant and safe 4<sup>th</sup> of July holiday weekend. The weather was great!

The Contractor, Nelson Communications Services, has completed installing drainage structures from High Acres Road to the Beringer Farm. The remaining drainage pipes connecting these structures should be installed by the end of next week. The Contractor is currently installing drainage structures on the steep section of the road near the sharp corner. These structures are located near the edge of the road, and have been surrounded by barrels, cones, and caution tape. Please be careful in your travels.

The mailboxes for everyone downhill from the corner, including Dunham and Darlington, have yet to be relocated. The Contractor does not anticipate beginning work on this section of road until August. At that time, the Contractor will relocate these mailboxes. I want to thank everyone for their continued patience and understanding for this process during construction. I think it has worked out very well for everyone!

The Contractor began installing road underdrain at High Acres Road and progressing toward Route 2. The underdrain is the white, coiled pipe that has been stored on the upper section of the road. The purpose of the underdrain is to collect groundwater deep below the road surface and transport the groundwater to the drainage structures and outlets. The underdrain is fully perforated and covered with a white fabric that allows water to pass through, but prevents dirt getting in the pipe so the underdrain does not clog. This will increase the longevity and durability of the road. By limiting the groundwater interaction with the road gravels, there is less chance of the road heaving from freeze-thaw cycles.

The Contractor began removing ledge for installation of the drainage structures. As you may or may not have noticed, the Contractor has a large excavator with a hammer attached to it. This equipment is used to break the ledge into smaller pieces so the Contractor can remove it with an excavator. The majority of ledge has been encountered on the hill near the corner. The Contractor anticipates completing ledge removal next week. This process can be loud, so please be careful when walking by. Due to limited areas of very strong ledge where hammering is not effective, blasting will be necessary. It is anticipated that blasting in small select areas along the hill will be conducted next week. Blasting will be conducted by licensed technicians and will be completed in accordance with applicable regulations and requirements.

The Contractor has mobilized their water truck. Watering process began before the holiday weekend, and will continue throughout the project. The Contractor has tried to keep on top of the watering. However, the reclaim material can dry very quickly when the sun comes out. Fortunately, this week we have had some rain, which has helped to keep the dust down. Please remember that slower speeds create less dust problems (especially speeds less than 20 mph). The Contractor will continue to try to stay on top of watering the road.

The Contractor has completed most of the tree clearing. The Contractor surveyed the tree clearing swaths along the Lee, Dunham and Stever properties, to only cut what is necessary. When drainage ditches are constructed in these areas, a few additional trees may need to be removed. There is a possibility that tree roots can extend into the ditch construction area. These trees will be removed, since they could potentially die and create an issue in the future. I don't anticipate much additional tree cutting.

Regarding the installation of underground utility conduits, I have had several conversations with folks at PSNH. They are very reluctant to install underground utility conduits across Randolph Hill Road. The gentleman I spoke with at PSNH mentioned that Randolph Hill Road is not set up to provide underground utility service according to their standard operating procedures. PSNH recommended placing a pole near the roadway on a residential lot, and providing underground utility service from the new pole to the house. Basically, each individual property owner would have a utility pole on their lot, and underground utility service for this pole to their house. I believe some residents along the road have this setup already. Moving forward, the option of installation of underground utility conduits will not be part of this project, and I have spoken with those individuals who had expressed interest.

The Contractor anticipates completing enough work from High Acres Road to the Bradley property by the week of July 25<sup>th</sup> to install the base course of pavement. The Contractor will still need to construct ditches and other minor work, but this will be a major step forward! Additionally, the installation of pavement should help remediate the dust issues on the top section of the roadway.

Please remember that this is a construction zone, and there are people and equipment working either in the road or on the side of the road. There are still speed issues, especially vehicles passing workers and equipment. Please drive slowly and cautiously, as someone may not know you are passing by. I don't want to see anyone get hurt. As stated before, the slower the speed, the less dust that gets kicked up.

Until next time (again **THANK YOU** to everyone who has provided goodies!)

Eric Grenier, EIT  
Resident Engineer  
(603)723-4693  
egrenier@hebengineers.com