



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: September 15, 2011

Project #: 2010-062

To: Residents of Randolph

From: Eric Grenier, EIT

Re: **Randolph Hill Road Reconstruction**

Page 1 of 2

**RANDOLPH HILL ROAD RECONSTRUCTION
UPDATE #5 – 09/15/2011**

Good Afternoon Folks,

Here is the next installment of the Randolph Hill Road Construction Updates. I am glad to see that everyone remained safe and the project held up fairly well from the recent weather, including Hurricane Irene! The leaves are changing and the weather is getting colder, you can tell ol' man winter is on his way!

The Contractor, Nelson Communication Services, has completed installation of all the proposed drainage structures throughout the length of the road. Additionally, the underdrain (white, coiled pipe) installation is complete. The remaining drainage work to be completed is limited to ditches and driveway culverts. The Contractor is currently working on shaping the hill section, and will install new crushed gravels beginning this week. Please anticipate significant dump truck traffic delivering this material from the Pike Industries Pit (Gorham Sand & Gravel). The hill section may get congested, so please anticipate traffic stoppages and drive carefully!

A major milestone was achieved exactly a month ago today. Pavement was installed from High Acres Road to the beginning of the hill section! Pike Industries installed the "base course" of pavement, which is approximately 2" thick. You may have noticed that the height of the new road is quite a bit higher than the existing road. The new road was constructed this way to provide better drainage from the surface of the road. Water will no longer puddle on the road. The ditches in the paved section of road have been constructed. The yellow matting that you see while travelling the paved section helps prevent the newly constructed ditches from washing out during a storm event. The matting also helps keep the loam and seed in place, and retains moisture to help the grass grow. The matting will typically last 12-18 months, which is plenty of time for vegetation to establish. You may have noticed that the ditches are turning green already!

I have received some questions about driveways and whether a smooth transition from the new road will be provided. What you see now is temporary, and each driveway will be reconstructed. Most driveways will have a new paved apron to the right-of-way, and will provide a nice, smooth transition from the new road to your driveway. The main purpose of a driveway apron is to provide protection for the new road from plowing. If anyone is having troubles accessing their driveways, please let me know and I can ask the Contractor to help reduce the temporary bump.

The proposed concrete headwalls near the low point at Boothman Lane have been installed. The purpose of these structures is to accept the drainage collected within the proposed ditches (not yet constructed) and convey the water across the road. These ditches will collect a significant amount of water, which is why such structures are needed.

For everyone downhill from the corner, including Dunham and Darlington, your time has come for mailbox relocation! I anticipate the rest of these mailboxes to be relocated within a day or two. The mailboxes will be relocated, in sequential order, to Nekal Lane near the job trailers. It is important that the mailboxes remain in the order that they are installed. I want to thank everyone for their understanding during this process (and don't hesitate to stop by the trailer and say 'Hello')!

Daniels Drilling & Blasting has completed blasting to remove ledge in the areas where drainage structures and pipes were installed. To my knowledge, there were no issues caused by blasting operations, and everything went pretty well. If anyone had a chance to see any of the blasting, it was a pretty neat process!

I know most of you are concerned about the schedule and whether this project will be completed this year (I can't believe it is already September). I can honestly say that the ledge removal process took longer than anticipated, and slowed the progress on the drainage installation on the hill section. There was even some ledge removal down by Nekal Lane. The Contractor has hit some bumps and snags along the way, but has been working hard to make up time. I estimate that the project as a whole is approximately 3 weeks behind schedule. Please anticipate some work on Saturdays from here on out until the project is finished. The Contractor still anticipates completing the project this year.

On a closing note, 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 on the upper section of the road where the new pavement has been installed. Please drive slowly and cautiously, as someone may not know you are passing by. I don't want to see anyone get hurt.

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

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