



**GORRILL
PALMER**

FIELD OBSERVATION REPORT

Project: Birch Lane Drainage Improvements
Client: Town of Cumberland
GP Field Rep: Asher J. Anderson (AJA)
Weather: Clear/
Time onsite: 7:15 am – 8:30 am (AJA)

GPCEI Project No: 1636.55
Visit Date: April 12, 2017
Report Date: April 12, 2017
Temp. Range: 50-55°F

Storey Brothers Excavation

Crew: 1 - Foreman/Owner (Rick Story), 2 - Laborers

Equipment: 1 - Cat 930H Loader, 1 - Cat M315 Excavator, 1 - Small Plate Compactor, 2 - Trucks

Distribution: File, Bill Shane, Chris Bolduc

Work in Progress

- Crew was box cutting roadway.

Discussions/Observation

- 7:00 am – Rick Storey (RS) contacted AJA to discuss driveway aprons and inform him the owner of house #28 Birch Lane had approached him to inquire how his driveway would tie in to the roadway. There is an apparent history of drainage issues at his home.
- 7:15 am – AJA on site. Crew was box cutting the roadway. AJA and RS discussed driveway apron construction requirements. AJA painted where the driveways should be saw cut. All driveways were discussed to be graded to maintain curb line water flow.
 - The house opposite #26 had an existing roof drain outlet that would drain behind the proposed curb. AJA directed RS not to install curb between the two driveways to the home. A small paved swale would be constructed to catch the roof drain outlet. The lower (crushed stone) driveway apron would be graded to carry the water from the swale to the curb line.
 - House # 28 driveway would be saw cut approximately 10' from the edge of the roadway. A "hump" would be constructed at the entrance to the driveway to keep the water at the curb line.
 - House #24 driveway would be saw cut approximately 11' from the roadway and graded to maintain a 10% slope up from the roadway.
- 8:30 am – AJA called David, owner of #28 Birch Lane, and discussed his driveway grading. Resident was extremely concerned that water would continue to flow into his driveway and flood his basement. He stated that he would like assurance that if his basement flooded, the Town or Gorrill Palmer would be liable for the damages. AJA made no comment, but did inform him of the measures being taken to have the water bypass his driveway. The resident stated he would pursue the issue with emails to his insurance agent, the Town, and Gorrill Palmer. No response to the emails was expected. The interaction was friendly and productive.

Schedule of Work

- Box cutting and grading to resume on 4/13/17

Prepared By: Asher Anderson

Reviewed By: Doug Reynolds, PE

If there are any discrepancies, please notify the sender immediately



Marked saw cut in the driveway of HSE #28, looking east



Roof drain outlet opposite HSE 24, looking west



Box cutting the roadway, looking east