

FIELD OBSERVATION REPORT

Project: Longmeadow Rd & Ole Musket Rd – Drainage Improvements
Client: Town of Cumberland
GP Field Rep: Kassey Northrop (KN)
Weather: Cloudy
Time onsite: 9:15 – 10:15 AM/ 3:30 – 4:15 PM
Contractor: A.H. Grover, Inc.
Distribution: File; Town of Cumberland

GP Project No: 3656
Visit Date: April 6, 2023
Report Date: April 7, 2023
Temp. Range: 35-51°F

Work in Progress

- A.H. Grover, Inc. is continuing to excavate towards proposed CB #26.

Work Conducted by GP Representative

- Review the construction for drainage improvements on Ole Musket Road.

Discussions & Observations

Overall Ole Musket (04/06/22)

- Upon arrival in the morning, it was observed that the high spot noted as a concern in the report dated 04/05/23 around STA 17+00 appeared to just be a high spot and the ledge rock's presence significantly decreases around STA 16+75. A.H. Grover, Inc. appeared to be completely out of ledge rock 105 feet from CB #27 towards CB #26 (to Route 88). (Photo 1)
 - As ledge rock was playing less of a factor, production significantly increased, and A.H. Grover continued the 60 feet of 15" Perf. SD pipe installed yesterday 160 feet towards CB #26, for a total of 220 feet installed to this point. A.H. Grover, Inc. decided to stop for the day just before reaching the driveway of 14 Ole Musket Road.
 - The 160 feet of 15" Perf. SD was embedded with material consistent with MDOT 703.22 Type C – ¾" Crushed Stone. (Photo 2) The 160 feet of 15" Perf. SD pipe was then backfilled approximately 1.75 feet from the spring line with material consistent with MDOT 703.22 Type C Crushed Stone. (See Photo 2)
 - Material consistent with MDOT 703.22 Type B Underdrain was used to backfill the installed pipe area of the trench to the subbase layer. (See Photo 2) Approximately 18" of subbase consistent with MDOT 703.06 was installed on the underdrain layer and compacted with efforts of a Plate Compactor and a Remote Control RTSC3 Wacker Neuson compactor. (See Photo 2)
- A.H. Grover, Inc. continues to make efforts to avoid the existing underground utilities.
- Lee Grover makes efforts to communicate with homeowners.
 - Angela Stone was notified prior to reaching the driveway of 16 Ole Musket that they would be occupying the driveway area. The mailbox removed for excavation was reinstalled accordingly. (Photo 3)
 - Homeowners of 14 Ole Musket were notified that excavation would be commencing in the driveway area starting tomorrow morning. The homeowners communicated to Lee where they would like their mailbox reinstalled. A.H. Grover, Inc. will make efforts to avoid the trees in front of this property to the greatest extent practicable but has communicated to the homeowners about the possibility of trimming within the right-of-way.



- The table below reflects the approximate quantities as of the end of the day April 6, 2023:

Item/Description	Units	Quantity to Date (04/06/23)
203.21 - Rock Excavation	CY	83
603.169 – 15" Culvert Pipe III	LF	113.75
604.131 – 4' Diameter CB	EA	2
604.161 – Altering Catch Basin	EA	1
605.12 – 15" Underdrain Type C	LF	220

People on Site

- Lee Grover; A.H. Grover, Inc.
➤ 3-4 Person Crew; A.H. Grover

Visitors

- None

Concerns or Questions

- None at this time

Action Items

- Communicate with homeowners as needed.

Prepared By: Kassey Northrop

Reviewed By: Doug Reynolds, PE

If there are any discrepancies, please notify the sender immediately.



Photos



Photo 1 – Ledge rock not visible towards the surface.

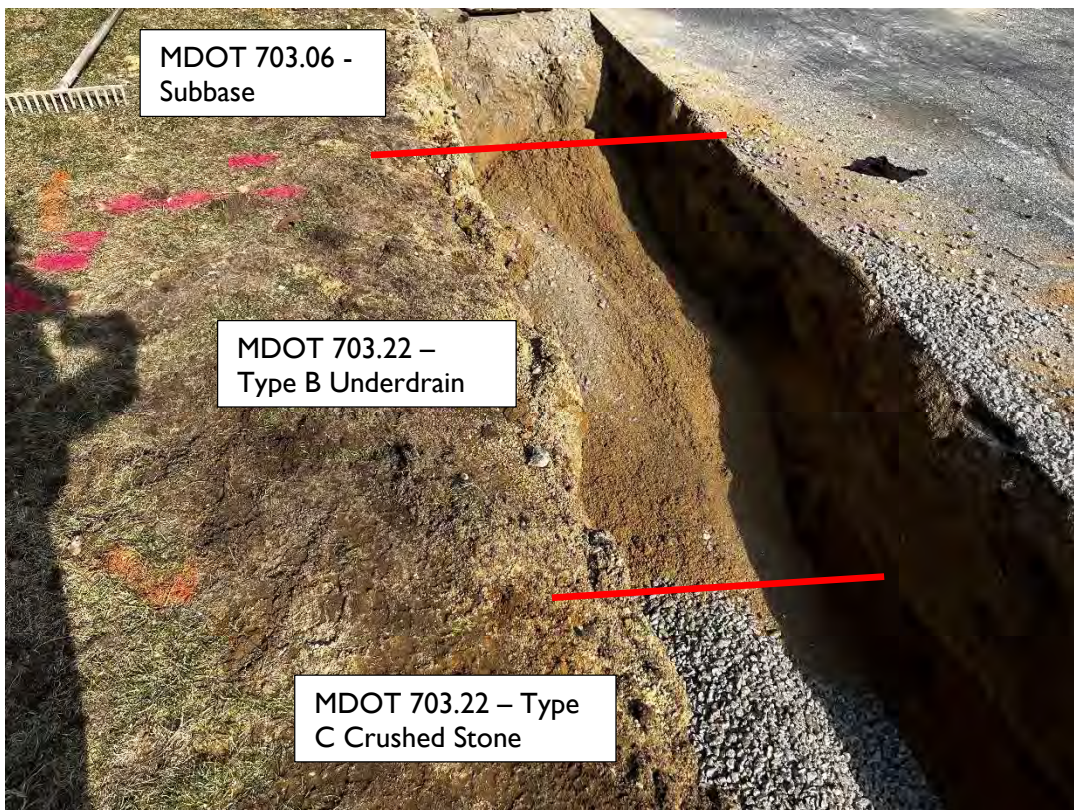


Photo 2 – Layers of the trench area.



Photo 3 – Mailbox at 16 Ole Musket Road reinstalled. Also shown is the subbase of the driveway apron to grade with the driveway for easy temporary access until paving.