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Date:	June 3, 2021	Project #:	2018-087	Page 1 of 3
To:	Town of Effingham 68 School Street Effingham, NH 03882	Project:	Snow Road Bridge Replacement	
		Location:	Effingham, NH	
Email:	townofeffingham@effinghamnh.net	Owner:	Town of Effingham	
Prepared By:	Eric V. Schroeder, EIT	Contractor:	Hansen Bridge LLC	
Reviewed & Approved By:	Christopher R. Fournier, PE	Weather Conditions:	84°F Partly Cloudy	

SITE VISIT

Arrived at site: 10:42 AM **Left site at:** 4:05 PM

Personnel & Equipment on site:

- HEB Engineers, Inc. (HEB): Eric V. Schroeder, EIT
- Hansen Bridge LLC (Contractor): Mike Hansen, 2 Laborers
- Hansen Bridge LLC Equipment:
 - 1 Volvo Excavator, VE1336
 - 1 Volvo Excavator, ECR235DL
 - 1 HPSI Excavator Mounted Hammer, 80E
 - 1 ICE Vibratory Hammer, 216 (Idle)
 - 1 Wimmer International Hydraulic Hammer, W600 (Idle)

Visitors to Site:

- Town of Effingham: Chuck Fuller

Purpose of Site Visit:

- To observe culvert removal.

Work Performed by Contractor since last site visit:

- The remaining culverts had been removed from the channel.
- The Contractor had cut P1E-P4E to grade.

Items Discussed and Observed:

- Engineer observed that the remaining culverts had been removed. The Contractor explained that they decided to stay late until 8 PM or 8:30 PM to complete the removal all at once.
- The turbidity curtains were now along the banks and the water appeared clear (see Photo 1).
- The Contractor stated that GM2 (Hansen subconsultant) is okay with the reduced pile lengths and that they will provide written confirmation to HEB before pouring concrete.
- The Contractor also stated that GM2 has advised the Contractor to remove the existing wingwalls and that they will do so with no additional cost to the Town.

Please notify HEB if any information is missing from this field report or has been interpreted differently.

- The Contractor drove P5E, the last pile to go in on the east side and cut it to grade. The approximate lengths of all the piles including the proposed 1.5-foot embedment into concrete are; P1E = 6', P2E = 18', P3E = 8', P4E = 18', P5E = 8'. Again, the Contractor has stated that GM2 is signing off on these adjusted pile lengths and that they will send HEB written confirmation.
- The Contractor installed a turbidity curtain downstream and completed regrading of the channel where the culverts were situated. The Contractor removed material to generally match the site with up and downstream channel characteristics. A slight mound remains near the center of the channel outside the reach of the equipment, which was determined to remain. The water within the site returned to normal clarity soon after finishing regrading and prior to turbidity curtain removal.

Work Scheduled:

- Monday - Wednesday, June 7- 9, 2021 – Contractor to begin driving sheet piles.
- Friday, June 11, 2021 – Concrete scheduled for east pilecap.

Outstanding Construction Issues:

- The Contractor needs to provide revised GM2 design information regarding differing pile conditions. (FR #006, 06-01-21).
- ~~Repair/enhancement of the downstream sediment control is likely necessary before additional culverts are removed (FR #007, 06-02-21).~~
 - Contractor completed culvert removal, at night, on June 2, 2021. Sediment controls were reinstalled prior to channel regrading.

Next Observation:

- Monday, June 7, 2021.

Photos:

- Taken by Eric Schroeder on Thursday, June 3, 2021.



Photo 1: The channel prior to excavation.



Photo 2: The channel after excavation.

Copy: Hansen Bridge LLC
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