



FIELD REPORT #004

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Date:	May 27, 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:	73°F Partly Cloudy	

SITE VISIT

Arrived at site: 11:07 AM **Left site at:** 3:34 PM

Personnel & Equipment on site:

- HEB Engineers, Inc. (HEB): Eric V. Schroeder, EIT
- Hansen Bridge LLC (Contractor): Mike Hansen (Superintendent), 2 Laborers
- Hansen Bridge LLC Equipment:
 - 1 Volvo Excavator, VE1336
 - 1 Volvo Excavator, ECR235DL
 - 1 HPSI 80E Excavator Mounted Hammer
 - 1 Low bed, USDOT752325

Visitors to Site:

- None.

Purpose of Site Visit:

- To observe pile driving at the east abutment.

Work Performed by Contractor since last site visit:

- Contractor had started to drive the center pile on the east side (P3E). Contractor was unable to drive more than 10 feet with the hammer they had on-site.
- Contractor posted the Wetlands Permit on-site.

Items Discussed and Observed:

- The Contractor continued driving H-piles on the east side of the bridge.
- The Contractor successfully drove two (2) sections into the ground (P2E & P4E) and removed concrete debris so that the last two (2) could be driven in (see Photo 1).
 - Average workday discussed, to remain 10:30 AM – 4:00 PM *approximately*.
- In order to drive (P5E) the Contractor began trying to excavate a large boulder in the pile location (see Photo 3). This left the existing masonry wingwall exposed and free-standing. Contractor was informed by the Engineer that existing masonry wingwalls should be protected and monitored while driving piles or turbidity booms should be installed in case of collapse into the water.
- While driving P5E the H-Piles flange was bent in due to the large boulder. The Contractor cut off this small bent section so that the pile would drive smooth again (see Photo 2).

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

- Contractor's original plan was for the piles on both sides of the bridge to be driven before removal of existing culverts. Now they plan to only drive the east side piles before removal of the culverts.
- The Contractor's goal was to finish H-pile driving on the east side by the end of this week (May 28, 2021), but that does not appear attainable.

Work Scheduled:

- Friday, May 28, 2021 – Contractor to continue driving H-Piles.

Outstanding Construction Issues:

- None.

Next Observation:

- Friday, May 28, 2021.

Photos:

- Taken by EVS on May 27, 2021.



Photo 1: The second H-pile being installed (P4E).



Photo 2: Pile damage repair (P5E).



Photo 3: Boulder excavated from P5E pile location.

Copy: Hansen Bridge LLC
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