

HEB Engineers, Inc. • [www.hebengineers.com](http://www.hebengineers.com)

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<b>Date:</b>	June 1, 2021	<b>Project #:</b>	2018-087	<b>Page 1 of 3</b>
<b>To:</b>	Town of Effingham 68 School Street Effingham, NH 03882	<b>Project:</b>	Snow Road Bridge Replacement	
		<b>Location:</b>	Effingham, NH	
<b>Email:</b>	townofeffingham@effinghamnh.net	<b>Owner:</b>	Town of Effingham	
<b>Prepared By:</b>	Eric V. Schroeder, EIT	<b>Contractor:</b>	Hansen Bridge LLC	
<b>Reviewed &amp; Approved By:</b>	Christopher R. Fournier, PE	<b>Weather Conditions:</b>	72°F Partly Cloudy	

**SITE VISIT**

**Arrived at site:** 10:32 AM                      **Left site at:** 4:36 PM

**Personnel & Equipment on site:**

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

**Visitors to Site:**

- None.

**Purpose of Site Visit:**

- To observe pile driving at the east abutment.

**Work Performed by Contractor since last site visit:**

- A turbidity curtain was installed on the downstream side of the bridge (see Photo 1).

**Items Discussed and Observed:**

- The Contractor tried to excavate a large boulder on the east side in the location of P5E. This attempt was unsuccessful because the boulder appeared to go under the existing culverts. GM2 (Hansen subconsultant) was contacted for an alternative solution to driving P5E to the designed depth.
- The Contractor attempted to drive piles P1E and P3E with the larger ICE vibratory hammer but was unsuccessful.
- The Contractor then spliced P4E. They then tried to drive the pile to full depth, but a hose blew on their vibratory hammer so they ended for the day. P4E remains at approximately 19 feet below roadway (see Photo 2).

**Work Scheduled:**

- Wednesday, June 2, 2021 – Contractor to continue driving H-Piles.

**Outstanding Construction Issues:**

- The Contractor needs to provide revised GM2 design information regarding differing pile conditions.

**Next Observation:**

- Wednesday, June 2, 2021.

**Photos:**

- Taken by Eric Schroeder on Tuesday, June 1, 2021.



Photo 1: Turbidity curtain downstream of the culverts.



PHOTO 2: I-4L Splice.

Copy: Hansen Bridge LLC  
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