

FIELD REPORT #013

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Date:	October 24, 2022	Project #:	2021-083	Page 1 of 4
To:	Town of Effingham 68 School Street Effingham, NH 03882	Project:	Bailey Road Culvert Replacement	
Email:	townofeffingham@effinghamnh.net	Location:	Effingham, NH	
Prepared By:	Eric Schroeder	Owner:	Town of Effingham	
Reviewed & Approved By:	Christopher Fournier, PE	Contractor:	Jake Dawson's Excavation & Utility Services, LLC	
		Weather Conditions:	57° Cloudy	

SITE VISIT

Arrived at site: 1:00 PM

Left site at: 2:00 PM

Personnel & Equipment on site:

- » HEB Engineers, Inc. (HEB): Eric Schroeder
- » Jake Dawson's Excavation & Utility Services, LLC (Dawson's): Andy (Foreman), 1 Laborer
- » Dawson's Equipment:
 - 1 Case Loader, 621F (idle)
 - 1 Case Excavator, CX145DSR (idle)
 - 1 Case Excavator, CX245DSR (idle)

Visitors to site:

- » None.

Purpose of Site Visit:

- » To observe the excavation prior to the box culvert installation.

Work Performed by Contractor since last site visit:

- » The Contractor continues to dewater the excavation.
- » The Contractor had excavated the remaining material where the first three box culvert sections will be placed. The Contractor backfilled the area with structural fill.
- » The Contractor reinforced the roadway side of the excavation with a wall of a trench box.

Work Performed by Contractor during HEB site visit:

- » The Contractor continued to dewater the excavation.

Items discussed/observed:

- » The Contractor stated they would contact HEB when they knew what day they were setting the box culvert section.
- » The excavation appears to be dry and ready for box culvert installation.
- » The Engineer expressed concern over the traffic lane. The barrier is dipping at midspan of the excavation and there is standing water in between the road plate and the trench box wall. The Engineer informed the Contractor he suspects the water is creeping into the excavation from the outlet side. There is a hole forming on the outlet side of riprap suggesting that sediment is being displaced beneath it. The Contractor noted this information and replied they are also dewatering the outlet as well. Notable this installation differs from the use of the pre-engineered trench box.

» The sedimentation basin is still not installed according to the permitted wetland detail.

Work Scheduled:

» To be determined.

Outstanding Construction Issues:

» Install sedimentation basin according to permitted detail (FR#008, 10/04/22).

Next Observation:

» To be determined.

Photos:

» Taken by Eric Schroeder on October 24, 2022.

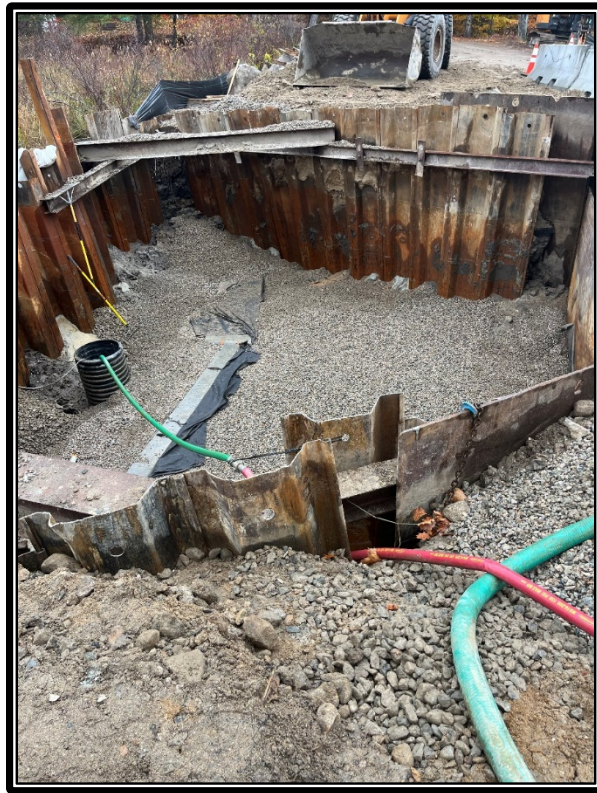


Photo 1: View of expanded excavation.



Photo 2: Trench box wall supporting existing roadway.



Photo 3: Standing water between trench box wall and road plate.



Photo 4: Hole forming along the top of riprap.

Copy: Jake Dawson's Excavation & Utility Services, LLC
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