

FIELD REPORT #012

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Date:	October 20, 2022	Project #:	2021-083	Page 1 of 3
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:	63° Sunny	

SITE VISIT

Arrived at site: 12:00 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): Jake (Owner), 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 wingwall footing installation this afternoon (as communicated by the Contractor) and to observe if the excavation is prepared.

Work Performed by Contractor since last site visit:

- » The Contractor had dewatered the excavation and installed structural fill. The cutoff wall and wingwall footings had been placed and backfilled with structural fill.
- » The sides of the excavation had been supported with steel W-sections also known as "walers".

Work Performed by Contractor during HEB site visit:

- » The Contractor continued to dewater the site.

Items discussed/observed:

- » The Engineer contacted the Contractor the morning of the site visit to remind the Contractor his submittal for structural fill had been rejected. The Contractor immediately sent over a revised submittal.
- » The Engineer reminded the Contractor that all concrete structure locations must be verified by a licensed land surveyor. The Contractor acknowledged this information and began contacting surveying companies.
- » The Engineer informed the Contractor that moving the culvert up or downstream would require the roadway to be redesigned. However, the culvert could be moved along the road in either direction. The Contractor replied that the wingwall footings were set in the original culvert location and that is how they intend to proceed. The Engineer was surprised when seeing them installed upon arrival at noon.

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

Work Scheduled:

- » Excavate area for first three sections of box culvert – October 21, 2022

Outstanding Construction Issues:

- » Install sedimentation basin according to permitted detail (FR#008, 10/04/22).
- ~~» Determine if the culvert location will change. (FR#010, 10/12/22).~~
 - The Contractor stated they will proceed with the original culvert location.

Next Observation:

- » To be determined.

Photos:

- » Taken by Eric Schroeder on October 20, 2022.



Photo 1: Southwest wingwall footing installed.



Photo 2: View of Southwest wingwall and cutoff wall from the east side of the excavation.

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