

FIELD REPORT #002

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Date:	September 15, 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:	60° Sunny	

SITE VISIT

Arrived at site: 10:00 AM

Left site at: 11:00 AM

Personnel & Equipment on site:

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

Visitors to site:

- » None.

Purpose of Site Visit:

- » To observe dewatering and ensure erosion controls are enacted.

Work Performed by Contractor since last site visit:

- » The Contractor had finished driving sheet pile on both sides of the channel and had covered each wall with a turbidity cloth.
- » The Contractor had begun dewatering the work zone and had constructed a large erosion and sediment control basin on the northeast corner of the site. Several small trees in the easement area were removed in order to construct the basin.

Work Performed by Contractor during HEB site visit:

- » Contractor began excavating dewatered area and began saw cutting existing roadway pavement.
- » Contractor posted the Wetland Permit on site.

Items discussed:

- » Contractor asked the Engineer if they could utilize a poly material in between the structural fill and bottom of box culvert in order to place the sections efficiently. The Engineer stated there was no issue with this method.
- » The Contractor stated that the lead time for the crane to set sections was approximately 2-3 weeks. The Engineer reminded the Contractor of the 60-day construction duration as stated in the contract.

- » The Contractor stated that they would begin excavating the south half of the bridge on Monday, September 19, 2022.
- » The Engineer expressed concern about leaving the excavated area open for 2–3 weeks while the crane is arriving. The Contractor acknowledged the concern but was accepting of the risks.
- » The Engineer inquired about how the road was to be supported for the 2–3-week period. The Contractor replied that because of the low hanging wires sheet pile will not be a feasible method. They will instead use road plates.

Work Scheduled:

- » Monday, September 19, 2022 – Begin excavating south side of site.

Outstanding Construction Issues:

- » ~~The Contractor needs to post the wetland permit at the site. (FR #001, 09/19/22)~~
 - The Contractor posted the Wetland Permit on site while Engineer was there to observe.
- » Erection plan submittal need to demonstrate capability of roadway shoring.

Next Observation:

- » Wednesday, September 14, 2022 – To verify completed erosion controls.

Photos:

- » Taken by Eric Schroeder on September 15, 2022.



Photo 1: Wetland permit posted on site.



Photo 2: The erosion and sediment control basin constructed on the northeast corner of the site.



Photo 3: Sheet pile cofferdam with turbidity curtain installed.

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