

HEB Engineers, Inc. • www.hebengineers.com

New Hampshire: Office (603) 356-6936 • Fax (603) 356-7715 • PO Box 440 • 2605 White Mountain Hwy • North Conway, NH 03860

Maine: Office (207) 803-8265 • PO Box 343 • 103 Main Street • Suite 6 • Bridgton, ME 04009

Date:	September 23, 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:	45° Partly Cloudy	

SITE VISIT

Arrived at site: 6:30 AM

Left site at: 7:30 AM

Personnel & Equipment on site:

- » HEB Engineers, Inc. (HEB): Eric Schroeder
- » Jake Dawson's Excavation & Utility Services, LLC (Dawson's): Owner (Jake Dawson), Foreman (Andy), 2 Laborers
- » 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 site stabilization efforts after the temporary bypass failure.

Work Performed by Contractor since last site visit:

- » The Contractor completed stabilizing the sides of the excavation.

Work Performed by Contractor during HEB site visit:

- » None.

Items discussed/observed:

- » The roadway has been supported by riprap and some of the water has receded naturally from the excavation area as the pumps were not active.
- » The Contractor restated they would not continue work until a revised water diversion submittal is approved. The Engineer confirmed that he would review the revised submittal once received.
- » The water continues to undermine the backfill surrounding the bypass culvert because the inlet is not sealed. (see Photo 2). Further stabilization of the bypass inlet is needed for continued use.

Work Scheduled:

- » None.

Outstanding Construction Issues:

- » Erection plan submittal is needed to demonstrate the capability of roadway shoring (FR #002, 09/15/22).
- » Stabilize site in accordance with erosion control requirements (FR#005, 09/22/22).

Next Observation:

- » To be determined.

Photos:

- » Taken by Eric Schroeder on September 23, 2022.



Photo 1: Water elevation has slightly declined.



Photo 2: Sinkhole overtop of the bypass culvert.

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

P:\Jobs\2021\2021-083 Effingham - Bailey Road Culvert, Effingham, NH\Construction Observation\Field Reports\Bailey Road Culvert - Field Report #006 09-23-22 .docx