



FIELD REPORT #013

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Date:	August 13, 2020	Project #:	2018-046	Page 1 of 2
To:	Michael Cahalane Town of Effingham 68 School St. Effingham, NH 03882	Project:	Elm Street Bridge Preservation	
Email:	effingham@roadrunner.com	Location:	Effingham, NH	
Prepared By:	Jonathan K. MacDougall, PE	Owner:	Town of Effingham	
Reviewed & Approved By:	Christopher R. Fournier, PE	Contractor:	Hansen Construction	
		Weather Conditions:	85°F, sunny	

SITE VISIT

Arrived at site: 1:10 PM

Left site at: 2:10 PM

Personnel & Equipment on site:

- HEB Engineers, Inc. (HEB): Jonathan MacDougall
- Michael Hansen Construction Ltd. (Contractor): Carl, Dan, Phil
- Michael Hansen Construction Ltd. Equipment:
 - Volvo Excavator
 - Diesel Air Compressor
 - Dump Truck
 - Snooper Truck

Visitors to site:

- None.

Purpose of Site Visit:

- To observe construction progress.
- To observe concrete forms prior to scheduled concrete placement.

Work Performed by Contractor since last site visit:

- Contractor continued working on the concrete forms at the backwall and end of deck (see Photo 1).

Work Performed by Contractor during HEB site visit:

- Contractor was installing forms the end of deck.

Items discussed and observed:

- Contractor said they are planning on placing concrete at 9 AM tomorrow (August 14, 2020) morning.
- Engineer requested a row of reinforcing steel be relocated from above the expansion joint hoops to between the hoops and the steel angle.
- Engineer noted the concrete demolition at the wingwalls should be cut square to a depth of 1½ inches.
- The top of the concrete form at the backwall is installed 2¼ inches below the top of the expansion joint. Contractor and Engineer reviewed the NHDOT Standard Detail to show the concrete on each side of the joint must be installed level with the top of the joint angle as well as contain a chamfer. Contractor said they would raise the backwall forms and add a chamfer strip. Contractor proposed constructing the deck end side with a slope coming off the back of the angle, similar to over the backwall in detail Abutment B Expansion Joint on sheet S5.12. Engineer initially agreed, but upon leaving the site immediately called Mike Hansen and

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explained that it must be installed as shown in the NHDOT Standard Detail included in the plans. An email was later sent highlighting the detail.

- Engineer noted the following items must be completed prior placing concrete: relocate reinforcing bar, chip deteriorated concrete at deck end, finish installing forms, install chamfer strips, and cut square all edges of demolition.

Work Scheduled:

- Continue preparing for the concrete placement on Friday, August 14, 2020.

Outstanding Construction Issues:

- Install containment to prevent demolition debris from falling in the river (FR #008, July 27, 2020).

Next Observation:

- Friday, August 14, 2020.

Photos:

- Taken by JKM August 13, 2020.



Photo 1: Form installed at backwall.

Copy: Michael Hansen Construction Ltd.
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