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Date:	July 20, 2020	Project #:	2018-046	<i>Page 1 of 3</i>
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:	Mostly Sunny 88°F	

SITE VISIT

Arrived at site: 12:50 PM

Left site at: 1:20 PM

Personnel & Equipment on site:

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

Visitors to site:

- None.

Purpose of Site Visit:

- To observe construction progress.

Work Performed by Contractor since last site visit:

- Contractor continued to chip out concrete for partial depth repairs at the center of the bridge (see Photos 1- 3).

Work Performed by Contractor during HEB site visit:

- Contractor was chipping deteriorated concrete at the center portion of the bridge.

Items discussed and observed:

- Contractor said they were continuing to chip out the concrete deck. The middle of the deck is anticipated to be completed by the end of the day today (July 20, 2020) and then they will begin all the east curb line. They said the deck continues to be very hard once they get through the initial deteriorated concrete. Contractor said once they complete the deck repairs they will begin working on removing the expansion joint.
- Contractor and Engineer briefly discussed the rehabilitation of the steel and replacement of the diaphragms. They also discussed there is some concrete repairs to be completed along the north abutment, all outlined in the plans.
- In the middle area of the deck, there is some rusted reinforcing steel in the with section loss that will require cleaning and additional bars installed to reinforce.
- Contractor hooked two (2) bars in the deck with the excavator bucket while cleaning debris, bending them and breaking one. Contractor should use caution not to damage the existing reinforcing and should repair the damage by installing additional reinforcing.

Work Scheduled:

- Contractor expects to complete chipping the concrete deck Wednesday (July 22, 2020) afternoon and then they will continue removing the expansion joint.

Outstanding Construction Issues:

- None.

Next Observation:

- Thursday, July 23, 2020, or as needed.

Photos:

- Taken by JKM July 20, 2020.



Photo 1: Partial depth repairs in the middle of the deck.



Photo 2: Reinforcing steel with section loss.



Photo 3: Partial depth repair in middle of deck.

Copy: Michael Hansen Construction Ltd.
File

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Please notify HEB if any information is missing from this field report or has been interpreted differently.