



# FIELD REPORT #002

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<b>Date:</b>	July 13, 2020	<b>Project #:</b>	2018-046	<b>Page 1 of 3</b>
<b>To:</b>	Michael Cahalane Town of Effingham 68 School St. Effingham, NH 03882	<b>Project:</b>	Elm Street Bridge Preservation	
<b>Email:</b>	effingham@roadrunner.com	<b>Location:</b>	Effingham, NH	
<b>Prepared By:</b>	Jonathan K. MacDougall, PE	<b>Owner:</b>	Town of Effingham	
<b>Reviewed &amp; Approved By:</b>	Christopher R. Fournier, PE	<b>Contractor:</b>	Hansen Construction	
		<b>Weather Conditions:</b>	Mostly Sunny 80's°F	

## SITE VISIT

Arrived at site: 10:00 AM

Left site at: 11:30 AM

### Personnel & Equipment on site:

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

### Visitors to site:

- None.

### Purpose of Site Visit:

- To observe construction progress.
- To mark deck repair locations.

### Work Performed by Contractor since last site visit:

- Contractor sawcut pavement and excavated the north bridge approach to allow for demolition of the expansion joint. Contractor continued demolition of the backwall.
- Contractor removed loose concrete and barrier membrane on the deck.

### Work Performed by Contractor during HEB site visit:

- None.

### Items discussed and observed:

- Engineer chained the deck to locate areas of deteriorated concrete and spray painted the limits of the deck repairs (see Photos 1 and 2). Engineer measured and will calculate preliminary areas for deck repair.
- Contractor and Engineer reviewed the locations of the deck to receive partial depth repairs. Engineer noted that the partial deck repairs should remove concrete to  $\frac{3}{4}$ -inch below the top mat of reinforcing steel, according to the specifications. Engineer will review during a future site visit to determine if some areas of the partial depth repairs may require full depth repairs.
- Engineer noted to the Contractor that there is no specific limit for demolition of the deck and backwall near the expansion joint, other than removal of any deteriorated concrete and enough to remove the existing and install the new expansion joint. The concrete removal at the joint is paid under the full depth repair item.
- Contractor said he will bring the new expansion joint to the site soon. He will also bring a snooper truck to the site for repair of the steel and any full depth repairs required.

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

**Work Scheduled:**

- Continue removal of the expansion joint and removal of concrete for partial depth repairs.

**Outstanding Construction Issues:**

None.

**Next Observation:**

- Thursday, July 16, 2020, or as needed.

**Photos:**

- Taken by JKM July 13, 2020.



Photo 1: Marked locations for deck repair along the east curb line.



Photo 2: Marked locations for deck repair along the west curb line.



Photo 3: Excavation and demolition at backwall.

Copy: Michael Hansen Construction Ltd.  
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