

# FIELD REPORT #011

HEB Engineers, Inc. • [www.hebengineers.com](http://www.hebengineers.com)

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<b>Date:</b>	August 7, 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>	Christopher R. Fournier, PE	<b>Owner:</b>	Town of Effingham	
<b>Reviewed &amp; Approved By:</b>	Jonathan K. MacDougall, PE	<b>Contractor:</b>	Hansen Construction	
		<b>Weather Conditions:</b>	Low 60's°F	

## SITE VISIT

Arrived at site: 7:45 AM

Left site at: 8:30 AM

### Personnel & Equipment on site:

- HEB Engineers, Inc. (HEB): Christopher R. Fournier, PE
- Michael Hansen Construction Ltd. (Contractor): Carl, Dan + 1
- 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 dry fit of expansion joint.

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

- Additional concrete has been removed (see Photo 1).
- Downstream diaphragm has been removed.

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

- Dry fit the expansion joint (see Photo 2).

### Items discussed and observed:

- The joint appears to fit well, bolted plates line up reasonably well (see Photo 3).
- Additional concrete demo is needed to ensure 1.5 inches of clearance around each of the rebar loops.
- Long bars within the backwall may need to be supplemented/spliced with new bars to be able to fit them within all the loops.

### Work Scheduled:

- Contractor to continue with replacement of the diaphragms, one at a time.
- Additional concrete demo to install the joint and remove the diaphragms.

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

**Outstanding Construction Issues:**

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

**Next Observation:**

- Week of August 10, 2020.

**Photos:**

- Taken by CRF August 7, 2020.

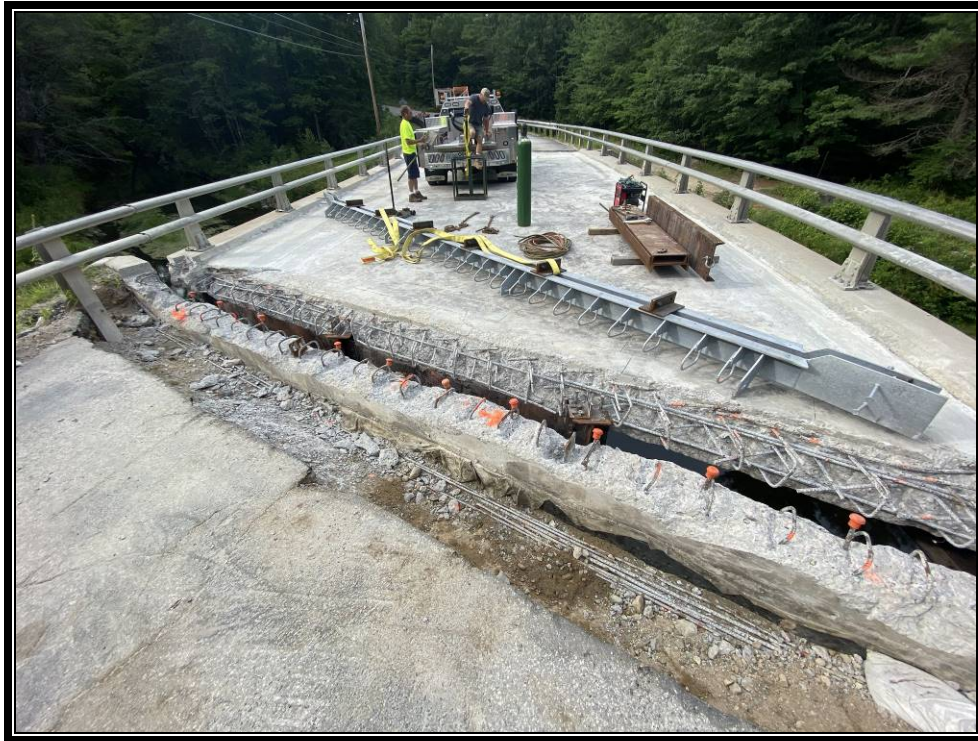


Photo 1: View of additional concrete removed.



Photo 2: View of expansion joint dry fit.



Photo 3: View of joints and connector plates.

Copy: Michael Hansen Construction Ltd.  
File

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