

LETTER OF TRANSMITTAL

3 COLONY STREET, MERIDEN, CONNECTICUT 06451

(203) 238-1969 Fax (203) 630-2056

To: TradeMark Construction LLC
72 Cold Spring Road
Bristol, CT 06010

Date: August 18, 2020
Project No. 2301
RE: Replacement of Bridge No. 04632
Folly Lane over Skungamaug River
Coventry, CT

We Are Sending You: Attached Under Separate Cover

Specifications Letter

Change Order Shop Drawings

Drawings Other _____

Reports

Originals/Copies	Date	No.	Description
0/1 (Electronic)	8/18/20		Water Handling

These Are Transmitted As Checked Below:

<input type="checkbox"/> For Approval	<input type="checkbox"/> Approved as Submitted	<input type="checkbox"/> Resubmit	<input type="checkbox"/> Copies for approval
<input type="checkbox"/> For Your Use	<input type="checkbox"/> Approved as Noted	<input type="checkbox"/> Submit	<input type="checkbox"/> Copies for distribution
<input type="checkbox"/> As Requested	<input type="checkbox"/> Returned for Corrections	<input type="checkbox"/> Return	<input type="checkbox"/> Corrected prints
<input type="checkbox"/> For Review and Comment	<input checked="" type="checkbox"/> Other		

Remarks: Returned – No Comments

Signed: Gary Giroux, P.E.



72 Cold Springs Road
 Bristol, CT 06010
 860-966-2762 (P)
 860-314-1428 (F)

Gino@TradeMark-Contractors-LLC.com (E)

Submittal

SUBMITTAL REVIEW	
DESIGNER'S REVIEW	
<small>(These Options Shall Only be Applied to Shop Drawing Submittals)</small>	
No Exceptions Noted <input type="checkbox"/>	Rejected <input type="checkbox"/>
Exceptions as Noted <input type="checkbox"/>	No Action Required <input type="checkbox"/>
Revise and Resubmit <input type="checkbox"/>	
<small>(These Options Shall Only be Applied to Working Drawing Submittals)</small>	
Reviewed, No Comments <input checked="" type="checkbox"/>	
Reviewed With Comments <input type="checkbox"/>	
<small>DESIGNER'S REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, NOR DEPARTURES THEREFROM. THE CONTRACTOR REMAINS RESPONSIBLE FOR DETAILS AND ACCURACY, FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS, FOR SELECTING FABRICATION PROCESSES, FOR TECHNIQUES OF ASSEMBLY AND FOR PERFORMING THEIR WORK IN A SAFE MANNER.</small>	
CARDINAL ENGINEERING ASSOCIATES, INC.	
By: Tim Cruise	Date: 8/18/2020

Project #: L032-0002

Project: Replacement of Folly Lane Bridge over Skungamaug River, Bridge #04632

Location: Coventry, CT

Date: ~~August 4, 2020~~ Response August 17, 2020

Submittal #: 007-01-Water Handling Plan-Response to Comments

Preparer: TradeMark Contractors LLC

Attached: Water Handling Plan – Response to Comments

- 1) No Response
- 2) Conditions shown are for flood stage, immediately prior to over-topping of the sheets. In this condition, either 2 concrete blocks or excavated material stacked behind blocks shall be implemented in preparation for high and/or flood flows. During time of no work, 2 blocks shall be installed or excavated material shall be placed against the back of the block. Existing and proposed grade conditions have the block keyed into grade. Computations for ordinary high water flow elevations are attached for reference.
- 3) See below.
- 4) If sheeting cannot be installed as proposed, a combination of large sandbags (1 CY), small sandbags and plastic shall be utilized to seal the excavation area from the existing stream flows. Large sandbags

shall be placed directly on the existing streambed over a continuous sheet of string-reinforced plastic. All small openings between the large sandbags shall be sealed with smaller sandbags. Small sandbags shall also be utilized on top of the larger sandbags to achieve the minimum top of cofferdam elevations shown on the Contract Docs. For the sandbags, sliding controls.....a single large sandbag is approximately 3'x3'x3', weighing 2,600 lbs. Sliding resistance is $2600 \times 0.5 = 1300$ lbs/sandbag. Lateral force of water (at flood stage) is $0.5 \times 62.4 \times 3.0^2 = 281$ lbs per linear foot of cofferdam, which is 843 lbs per sandbag and is less than the resistance force.

This submittal has been reviewed for compliance
with the Contract Documents and approved by:

Gino P. Troiano, Jr., P.E.
TradeMark Contractors, LLC

Affirmative Action / Equal Opportunity Employer
CT DOT Contractor / CT DAS Contractor / Woman-Owned Small Business Enterprise