STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

April 6, 2016
Subject: Bridge Replacement
State WIN: 020506.00
Location: **Meddybemps**
Amendment No. 1

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book (page 62) "SPECIAL PROVISION, SECTION 501, FOUNDATION PILES (Rock Injector Pile Tip)" , second paragraph, **CHANGE** the sentence that reads; "Pile tips for use on all piles at **Abutment 1** shall…" to read as follows; "Pile tips for use on all piles at **Abutment 2** shall…". Make this change in pen and ink.

In the Bid Book (page 63) "SPECIAL PROVISION, SECTION 502, STRUCTURAL CONCRETE (QC/QA Acceptance Methods)", **CHANGE** DESCRIPTION that reads; "Structural Concrete Roadway and Sidewalk Slab on **Concrete** Bridge" to read as follows; "Structural Concrete Roadway and Sidewalk Slab on **Steel** Bridge". Make this change in pen and ink.

The following question has been received:

Question: In regards to the W36 x 194's shown on contract plans, will a welded plate girder with 1-1/4" x 12-1/2" flanges and 7/8" web along with a 5/16" cont. fillet weld web to flange be an acceptable alternate? This would result in a shorter lead time on raw material as well as lower raw material costs.

Response: Welded plate girders with 1-1/4" thick x 12-1/2" wide top and bottom flange plates and 7/8" thick x 34" deep web plates with 5/16" continuous fillet welded web to flange connections are an acceptable alternative to the W36x194 rolled beams. The overall girder depth shall be 36.5" and the grade of steel shall be as specified on the Plans. See attached sketch, SK-01, for clarification of plate sizes. If, at the Contractor's option, welded girders are used as an alternative to rolled beams, the end diaphragms shall be Type B in accordance with Standard Detail 504(01) and intermediate diaphragms should be Type G in accordance with Standard Detail 504(03).

Consider this change and information prior to submitting your bid on **April 13, 2016.**

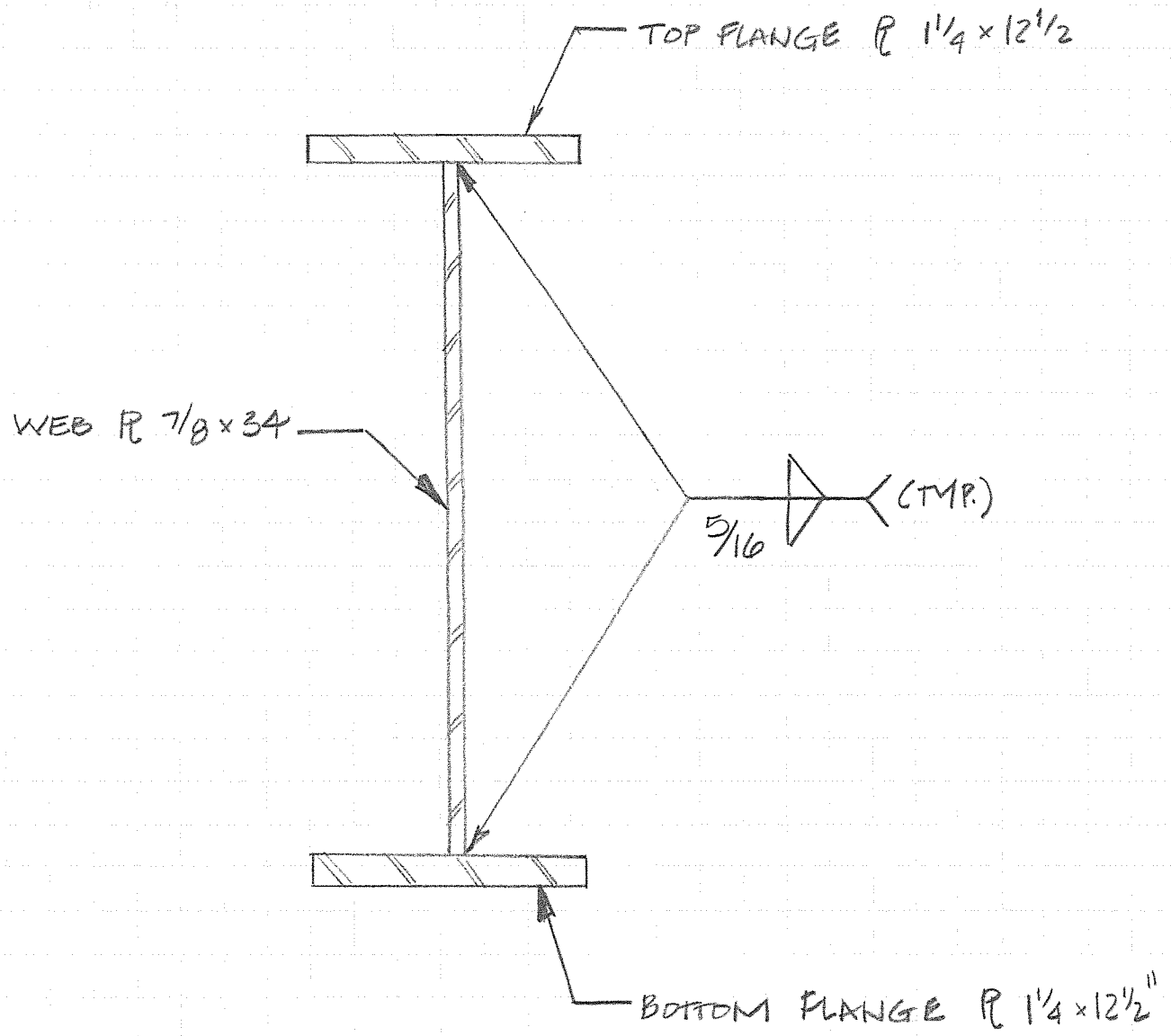
Sincerely,

George M. A. Macdougall P.E.
Contracts & Specifications Engineer

BECKER
STRUCTURAL ENGINEERS
75 York Street, Portland, Maine 04101
207.879.1838 ■ beckerstructural.com

Project MEDDYBEMPS BRIDGE
W.O. 3399.01 Sheet 1 of 1
Calculated by ESB Date 3-30-16
Checked by _____ Date _____

MEDDYBEMPS BRIDGE
RESPONSE TO RFI #1



ALTERNATIVE PLATE GIRDER SECTION

SK-01