



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

January 29, 2021
Subject: Veterans Remembrance Bridge
Rehabilitation
State WIN: 022278.00
Location: **Bangor & Brewer**
Amendment No. 3

Dear Sir/Ms.:

The following question has been received:

Question: Per addendum #2 for the subject proposal we have been directed to use an allowable pressure of 3500 psi on the Nylacast material. Using this lower pressure has increased the size of the plates and the overall height of the bearing will exceed the height of the existing bearings. Is it permissible to provide a bearing that does not match the height of the existing bearings.

Response: New bearings must not exceed the height of the existing bearing assembly from the masonry plate to the underside of the girder flange. The specified allowable 3500 psi contact pressure is our standard value for PTFE sliding surfaces. A higher contact pressure on the Nylacast material will be acceptable to the Department, if justified by the Contractor's bearing design and specified testing results.

Question: Special Provision Section 105 (Traffic Control) states that the shoulder on the bridge may be closed during work hours with a TMA, but that travel lanes must be maintained on the bridge and the on/off ramps. The shoulder appears to be narrow, such that a TMA or any other truck or equipment parked on the shoulder will require closure of the outermost lanes on the bridge (eastbound or westbound). Please clarify what is allowed.

Response: As long as no part of the truck mounted attenuator or the attached truck extends over the white shoulder line, the adjacent travel lane can remain open to traffic. Per SPECIAL PROVISION - SECTION 105 - GENERAL SCOPE OF WORK - (Traffic control) dated November 18, 2020, the first paragraph states "...The Contractor may close the outside shoulders on the Veterans Remembrance Bridge during working hours only, making use of a truck mounted crash attenuator. ...". The typical outside shoulder width is 10 feet wide, from page 3, left side of the existing bridge plans. The width of truck mounted attenuators ranges between 7 feet 6 inches and 8 feet.

Question: Plan sheet 9 table identifies the "minimum hydraulic jack capacity per girder". Please clarify is this at a bearing location or per jack. For example; at Pier 3 for any specific bearing location there will be two jacks at the bearing location (as detailed). Does this mean 2,000ton total capacity at that bearing location (1,000ton per jack), or 1,000ton capacity total for the bearing location (500 ton per jack)?

Response: The minimum hydraulic jack capacity per girder refers to the total jack capacity at any given bearing location.

Consider these changes and information prior to submitting your bid on **February 3, 2021**.

Sincerely,



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