

CATTARAUGUS COUNTY

DEPARTMENT OF PUBLIC WORKS

ADDENDUM NO. 1

FOR

Precast Concrete Deck Panels for Mansfield Bridge #50

ADDENDUM DATE: August 10, 2021

Attached please find revised specifications for Stainless Steel Reinforced Bar. Changes are highlighted in Yellow.

ALL BIDDERS MUST RETURN THIS ADDENDUM WITH THEIR BID.

IN ADDITION, PLEASE ACKNOWLEDGE RECEIPT OF ADDENDUM 1 IMMEDIATELY BY PROVIDING THE INFORMATION BELOW AND FAXING THIS SHEET TO:

Cattaraugus County
Department of Public Works
(716) 938-2754

Company Name: _____ Signed: _____

Date: _____ Printed Name of Signatory: _____

PART 2 - MATERIALS:

2.01 REQUIREMENTS:

2.0101 CONCRETE:

- A. The concrete shall meet the requirements specified under section 501-2 of the NYSDOT Standard Specifications, Portland Cement Concrete - General with the following modifications;
 - 1. Cement shall be either, Type 1, Type 2 or Type 3. Only one type of cement shall be used to fabricate units for any one structure.
 - 2. Coarse aggregate gradation shall be No. 1 size or ASTM D448, No. 67.
 - 3. No Fly Ash will be permitted in the concrete mix.
 - 4. Air content shall be between 5 and 9 percent.
 - 5. Minimum 28 day compressive strength of concrete shall be 4500 PSI. Concrete test data forms and strength results for each batch of concrete used shall be sent to the County.
 - 6. Dimensional tolerances in conformance with the American Concrete Institute (ACI 117-81) shall be maintained.
 - 7. The top surface of these concrete deck panels shall receive a standard stiff broom finish.

2.0102 REINFORCEMENT:

- A. Bar reinforcement shall be stainless steel bar reinforcement meeting the requirements of Section 709-13, Grade 60 (420) of the NYSDOT Standard Specifications as noted on the plans.
- B. Chairs or other devices necessary to ensure the proper placement steel reinforcing shall meet the requirements of Section 556-2.01 of the NYSDOT Standard Specifications.

2.0103 MISC. STEEL:

- A. Shear studs shall meet the requirements of Section 709-05 of the NYSDOT Standard Specifications.
- B. Armor angle shall meet the requirements of Section 715-01 of the NYSDOT Standard Specifications Grade A36.
- C. Galvanization shall meet the requirements of Section 719.01, Type 1, of the NYSDOT Standard Specifications.

2.02 REPAIR:

- A. Pre-cast concrete deck plank units that contain minor defects caused by manufacture shall be repaired at the manufacturing site. Minor defects caused by mishandling during shipment, may be repaired at the project site. Minor defects are defined as holes, honeycombing or spalls which are 2 inches or less in diameter, that do not penetrate deeper than the steel reinforcement. Repairs shall be made using a concrete repair material conforming to the requirements of 701-04 Concrete Repair Materials. The repair shall be finished to the proper shape and cured. It shall withstand a moderate blow with a 16 ounce hammer.