



Project No. 2022-001
January 25, 2022
Page 1 of 4

ADDENDUM No. 1
2022 BRIDGE REHABILITATION PROJECT
PROJECT No. 2022-001
CITY OF TAWAS CITY

The following changes and/or clarifications of the Contract Documents will be incorporated in said Contract Documents and such changes shall be allowed for in the price bid by the Contractor, such that the price indicated in the Proposal shall represent the conditions as set forth in the original Contract Documents as modified by this Addendum.

Acknowledgment of receipt of this Addendum and the Bidder's acceptance of these revised conditions prior to submittal of their bid shall be indicated by adding the Addendum number and date on the Bid Form.

The following changes shall be made:

Acknowledge any and all addendums in the schedule of items:

1. Replace BID FORM as follows: **(separate document attached for submission)**
2. Bid Item - Structure, Timber
 - a. Replace Structure, Timber with Structure, Timber, Modified according to the Special Provisions below.
3. Excavation, Fdn
 - a. Spoil shall not to be removed from the sites. Areas on-site, as directed by the Engineer in the southwest quadrant behind proposed sheet pile shall be stripped of topsoil, excess spoil spread uniformly, topsoil replaced and stabilized with seed and mulch. Slope stabilization will be paid separately.
 - b. Excavation shall extend a minimum of 12 inches below the streambed elevation adjacent to the abutment without excavating below the bottom timber backer board (lagging).
4. Backfill, Structure, CIP
 - a. Geotextile Fabric – Apply to all timber lagging that retains embankment or roadway. Furnishing and installation of geotextile Fabric incidental to this pay item 6A Aggregate.
 - b. Engineer shall witness that the excavation is complete prior to placing geotextile fabric and shall witness placement of the aggregate backfill. A minimum of 24-hours' notice shall be given prior to proceeding with any backfill activity or the Contractor shall remove any backfill and replace at no expense to the Owner.
5. Ped Guardrail - Rail Assembly including all 5 horizontal timber rails included in single lineal foot measurement.

ADD THE FOLLOWING SPECIAL PROVISIONS TO THE PROJECT MANUAL:

CITY OF TAWAS CITY
 SPECIAL PROVISION
 FOR
STRUCTURE, TIMBER, MODIFIED

LES:BAL

Page 2 of 4

01-24-22

- a. **Description.** Furnish and install STRUCTURE, TIMBER. All Work shall be in accordance with Sections 709 of the MDOT 2012 Standard Specifications for Construction and this special provision.
- b. **Materials.** All material shall be in accordance with Section 709. All material shall be furnished by Krenn Timber Bridge Inc., 8185 Boyne St, Kalamazoo, MI 49009. Contact Bob Krenn at phone number 269 207-7483.
- c. **Construction Methods.** Sections 709 of the MDOT 2012 Standard Specifications for Construction and the following:
- d. **Measurement and Payment.** The completed work as measured will be paid for at the contract unit price for the following contract item (pay item).

A budgeted amount has been established for payment for furnishing timber and hardware for completion of the Work. Provide documentation (invoices, proof of payment, etc.) from the

Contract Item (Pay Item)	Pay Unit
Structure, Timber, Furnish	Dlr
Furnish timber and hardware	
Structure, Timber, Install	Lsum

Install timber and hardware. Excavation will be paid separately.

CITY OF TAWAS CITY
 SPECIAL PROVISION
 FOR
SLOPE RESTORATION - MODIFIED

LES:BAL 1 of 2 4-2-2020

a. Description. This work shall be done in accordance with the requirements of section 816 of the 2012 Edition of the Michigan Department of Transportation Standard Specifications for Construction, except as specified herein.

b. Materials. The following materials shall meet the requirements of Section 917 of the 2012 Standard Specifications for Construction, and as shown below:

Material	Application Rate
Topsoil Surface	3" min depth
Seeding, Mixture TDS	220 #/Acre
Fertilizer, Chemical Nutrient, CI A	228 #/Acre
Mulching	2 Ton/Acre
Mulch Anchoring	Manufacturer's recommended rate
Mulch Blanket	N/A
High Velocity Mulch Blanket	N/A

c. Construction Methods. Topsoil, seed, fertilizer and mulch meeting the requirements of the 2012 MDOT Standard Specifications for Construction will be placed on disturbed areas beyond the roadway shoulder. Topsoil shall be furnished by the contractor but salvaged topsoil may be used as approved by engineer. Topsoil depth shall be not less than 3 inches. The Contractor is responsible for determining the amount of existing topsoil that can be salvaged. Mulch Blanket and High Velocity Mulch Blanket, where called for in the plans, shall be placed in accordance with subsection 816.03.H of the 2012 Standard Specifications for Construction and as shown on Standard Plan R-100 Series.

d. Measurement and Payment. The completed work shall be measured and paid for at the contract unit price for the following contract pay item and includes all materials, equipment and labor necessary to complete this item as described above.

Pay Item	Unit
Slope Restoration, Type_____ - Modified	Square Yard

Payment for **Slope Restoration, Type A - Modified** shall be placed in all other areas not described in the other types of Slope Restoration and will be measured by area in square yard in place. All materials, labor and equipment required to install **Slope Restoration, Type A - Modified**, which includes Topsoil Surface, Furnished or Salvaged; Fertilizer, Chemical Nutrient, Class A; Seeding Mixture; Mulch and Mulch Anchoring will not be paid for separately but shall be included in the contract unit price bid for **Slope Restoration, Type A - Modified**.

Payment for **Slope Restoration, Type B - Modified** shall be placed in any ditch with a grade of 1.5% to 3.0%. **Slope Restoration, Type B - Modified** will be measured by area in square yards in place. All materials, labor and equipment required to install **Slope Restoration, Type B - Modified**, which includes Topsoil Surface, Furnished or Salvaged; Fertilizer, Chemical Nutrient, Class A; Seeding Mixture; and Mulch Blanket will not be paid for separately but shall be included in the contract unit price bid for **Slope Restoration, Type B - Modified**.

Payment for **Slope Restoration, Type C - Modified** shall be placed in areas that have a 1-on-2 slope or steeper, any ditch with a grade of 3.0% or greater, or where directed by the Engineer. **Slope Restoration, Type C - Modified** will be measured by area in square yards in place. All materials, labor and equipment required to install **Slope Restoration, Type C - Modified**, which includes Topsoil Surface, Furnished or Salvaged; Fertilizer, Chemical Nutrient, Class A; Seeding Mixture; and High Velocity Mulch Blanket will not be paid for separately but shall be included in the contract unit price bid for **Slope Restoration, Type C - Modified**.