



Wisconsin Department of Transportation

February 10, 2023

**Division of Transportation Systems
Development**

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #37: 6688-00-70
T Green Valley, Rangeline Road
Little Eau Pleine River Bridge
Loc Str
Marathon County

Letting of February 14, 2023

This is Addendum No. 01, which provides for the following:

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
64	Tubular Steel Railing Type 'M' (Delete General Note 10)

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM

LEGEND

- 1) NO. 6 X 25 WITH 1/4" X 1/2" HORIZ. SLOTS ON EACH SIDE OF POST FOR POST TO MATCH CROSS-SLOPE OF ROADWAY. PLACE POST VERTICAL, PLACE POSTS NORMAL TO GRADE LINE.
- 2) PLATE 1/4" X 1-8" X 1/4" DIA. OVERSIZED HOLES FOR ANCHOR BOLT NO. 3. WELD TO NO. 1 AS SHOWN.
- 3) ASTM A449 - 1/4" DIA. ANCHOR BOLTS WITH NUT AND HARDENED WASHER (ALL GALVANIZED). 5 REOD. PER POST. 3" LONG. PLACE NORMAL TO ANCHOR BOLT. AT POSTS ON CONCRETE SLAB SUPERSTRUCTURES IN ABUTMENT WINGS. AT POSTS ON STEEL TUBULAR STRUCTURES WHERE THE SLAB THICKNESS IS > 18" USE 1-3" LONG. USE 1/4" LONG AT HARDENED WASHERS. HARDENED WASHERS MAY BE SUBSTITUTED FOR ANCHOR BOLTS IN WINGS IF REOD. FOR CONSTRUCTABILITY.
- 4) 3/4" X 11" X 1-8" ANCHOR PLATE (GALVANIZED) WITH 1/4" DIA. HOLES FOR ANCHOR BOLTS NO. 3.
- 5) 1S 5 X 4 X 0.25 STRUCTURAL TUBING. ATTACH TO NO. 1 WITH NO. 6.
- 6) 1S 5 X 5 X 0.25 STRUCTURAL TUBING. ATTACH TO NO. 1 WITH NO. 6.
- 7) 7/8" DIA. A325 SLOTTED ROUND HEAD BOLT WITH NUT. 3/4" X 1/4" X 1/4" MIN. WASHER AND LOCK WASHER (2 REOD. AT EACH RAIL TO POST LOCATION).
- 8) 1/2" THK. BACK-UP PLATE WITH 2 - 7/8" X 1/2" THREADED SHOP WELDED STUDS (NO. 12) BOLT TO RAIL AS SHOWN IN DETAIL. REQUIRED AT THREE BEAM GUARD RAIL ATTACHMENTS ONLY. PLACE SYMMETRICALLY ABOUT TUBES NO. 5A.
- 9) 1" DIA. HOLES IN PLATE NO. 5A FOR 7/8" DIA. A325 BOLTS WITH NUTS AND WASHERS. 6 HOLES IN TUBES AND PLATE NO. 1.
- 10) 3/4" X 3 3/8" X 2-4" PLATE. 2 PER RAIL. USED IN NO. 5 & 8.
- 11) 3/4" X 2 3/4" X 2-4" PLATE USED IN NO. 5, 3/4" X 3 3/8" X 2-4" PLATE USED IN NO. 5A.
- 12) 7/8" DIA. X 1/2" LONG THREADED SHOP WELDED STUDS (2 REOD.).
- 13) 3/4" X 8" X 1-6" PLATE. BOLT TO RAIL AS SHOWN IN DETAIL. REOD. AT THREE BEAM GUARD RAIL ATTACHMENTS ONLY. PLACE SYM. ABOUT TUBES NO. 5A.
- 14) 7/8" DIA. X 2" LONG A325 HEX BOLT WITH NUT AND WASHER (5 REOD.).
- 15) 1" DIA. HOLES IN TUBES NO. 5A FOR 7/8" DIA. A325 ROUND HEAD BOLT WITH NUT, WASHER AND LOCK WASHER (4 REOD.). 4 HOLES IN TUBES.

GENERAL NOTES

1. BID ITEM SHALL BE "RAILING TUBULAR TYPE N" WHICH INCLUDES ALL ITEMS SHOWN.
2. RAIL POST AND BASE PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. ON RAILING STRUCTURAL TUBING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A500 GRADE B OR C WITH A CERTIFIED F.Y. 50 KSI. ANCHOR BOLTS AND SPLICE TUBE PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50.
3. THE NUTS SECURING THE POST BASE PLATE TO THE CONCRETE SHALL BE TIGHTENED TO A SHUG FIT AND GIVEN AN ADDITIONAL 78 TURNS.
4. RAILS SHALL BE CONTINUOUS OVER A MINIMUM OF THREE (3) POSTS WITHOUT SPLICES. WHERE POSSIBLE, RAILS SHALL BE SPICED IN A PANEL OVER EXPANSION JOINTS.
5. ENDS OF TUBE SECTIONS SHALL BE SAWN, GRIND SMOOTH EXPOSED EDGES. ALL CUT ENDS SHALL BE TRUE AND SMOOTH.
6. WELD IS THE SAME ON BOTH FLANGES. FLANGE WELD DOES NOT REQUIRE MAGNETIC PARTICLE TESTING.
7. FILL BOLT SLOT OPENINGS IN POST SHIMS AND PLATE NO. 2 AND GASKET AROUND STEEL POST SHIMS MAY BE USED UNDER POSTS WHERE REOD. FOR ALIGNMENT.
8. POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.
9. ALL MATERIAL SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING, CLEANING BY SPECIFICATIONS.

NO. DATE	REVISION	BY
1 2/10/23	Remove Paint	SPR 02/10/23
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION		
STRUCTURE B-37-466		
DRAWN TRA		PLANS JRD
CHECKED		CHECKED
DATE		SHEET 14 OF 14
TUBULAR STEEL		RAILING TYPE 'M'
64		

