



# Wisconsin Department of Transportation

July 30, 2020

## Division of Transportation Systems Development

Bureau of Project Development  
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### NOTICE TO ALL CONTRACTORS:

**Proposal #07: 4492-03-71, WISC 2020 384**  
**Racine Street Bridge, C of Menasha**  
**Fox River Bridge and Approaches**  
**Local Str**  
**Winnebago County**

### Letting of August 11, 2020

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

#### Special Provisions:

Revised Special Provisions	
Article No.	Description
7	Utilities
11	Bridge, w. Mechanical Work Bascule Span, Item SPV.0105.06

#### Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
15	Construction Details (revised pavement type)
393	Bascule Sidewalk Plan & Elevations (revised floor plate thickness)
549	Machinery Notes (clarified torque values)
550	Machinery Trimetric View (revised coupling notes)
551	Machinery Plan and Elevation (revised coupling notes)
552	Machinery Plan & Elevation 2 (revised coupling notes)
553	Bearing 'A' Assembly (revised bolt dimensions)
568	Electrical Notes (revised Task E-4 note)
572	Operator's House Electrical Floor Plans (revised north arrow and added notes)
574	Single Line Diagram (1 of 2) (revised 400 amp service and notes)
575	Single Line Diagram (2 of 2) (revised amperage and disconnect)
594	Grounding and Lightning Protection Details
595	Grounding Riser

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

**ADDENDUM NO. 01**  
**PROJECT ID 4992-03-71**  
**July 30, 2020**

**Special Provisions**

**7. Utilities.**

*Delete paragraph eight under section titled **AT&T Wisconsin (Communication Line)** with the following:*

During Stage 3, final road construction, AT&T will coordinate with the contractor and perform the following adjustments in a one-week work period:

**11. Bridge.**

**w. Mechanical Work Bascule Span, Item SPV.0105.06.**

*Replace paragraph six under section titled **B.3 Motor and Machinery Brakes** with the following:*

Actuator: Provide a waterproof, dustproof IP65/NEMA 4 brake actuator enclosure of cast aluminum alloy, fitted with double shaft seals. Ensure the thruster motor is of ample capacity for the intended application. Actuator design to be independent of direction of motor rotation. Ensure that the rated stalled thrust of each thruster is not less than 135% of the thrust actually required to release the brake with the torque adjusted to the continuous rated value. Brakes are to set automatically when the thruster motor is de-energized. Note: When the bridge is in the closed position the brake will be at a 45° angle from horizontal. When the bridge is in the full open position the brake will be at a -25° angle with actuator below the brake wheel.

*Replace paragraph 16 under section titled **B.3 Motor and Machinery Brakes** with the following:*

Brake Wheels: Supply brake wheels manufactured from cast iron steel. Machine bore and keyway to obtain the specified fits with mating shaft. Mount the brake wheels to the shafts with an FN2 fit. Mount motor brakes on the input shaft extensions of the primary reducer, and the machinery brakes on the input shaft of the secondary reducers, unless otherwise indicated on plans. Do not use brake wheel couplings. Check, document and submit "run-out" measurements for all brake wheels. Dynamically balance all brake wheels 16 inch diameter and larger.

*Replace entire section titled **B.11.3 High Strength Bolts (Machinery Supports to Steel Structure)** with the following:*

**B.11.3 High Strength Bolts (Machinery Supports to Steel Structure)**

Use high strength bolts for connections of supports to steel bridge structure. Provide bolts, nuts, and hardened washers that conform to the requirements of ASTM Specifications F3125 Gr. A325. Drill holes for bolts 1/32 inch larger than the diameter of the bolt. All high strength bolts, nuts, and washers shall be zinc coated with a Class 50 mechanically deposited zinc coating according to the requirements of ASTM B695.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:  
Revised: Sheet 15, 393, 549, 550, 551, 552, 553, 568, 572, 574, 575, 594, and 595.

END OF ADDENDUM