



Wisconsin Department of Transportation

Division of Transportation Systems Development

Bureau of Project Development
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November 2, 2020

NOTICE TO ALL CONTRACTORS:

Proposal #31: 7120-01-74, WISC 2020 312
Durand – Eau Claire
Rock Creek Bridge B-17-0226
STH 85
Dunn County

Letting of November 10, 2020

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)
121	Structural Plan Sheet 8 – 72W” Prestressed Girder Details– Plan showed a note for a beveled anchor plate. This was incorrect. Plan sheet revised to show a semi-expansion girder end detail

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 121

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

STATE PROJECT NUMBER
7120-01-74

NOTES

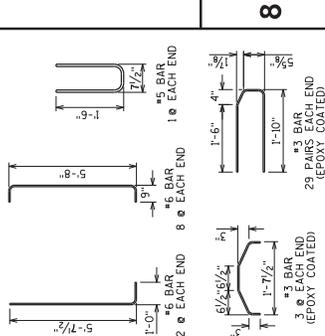
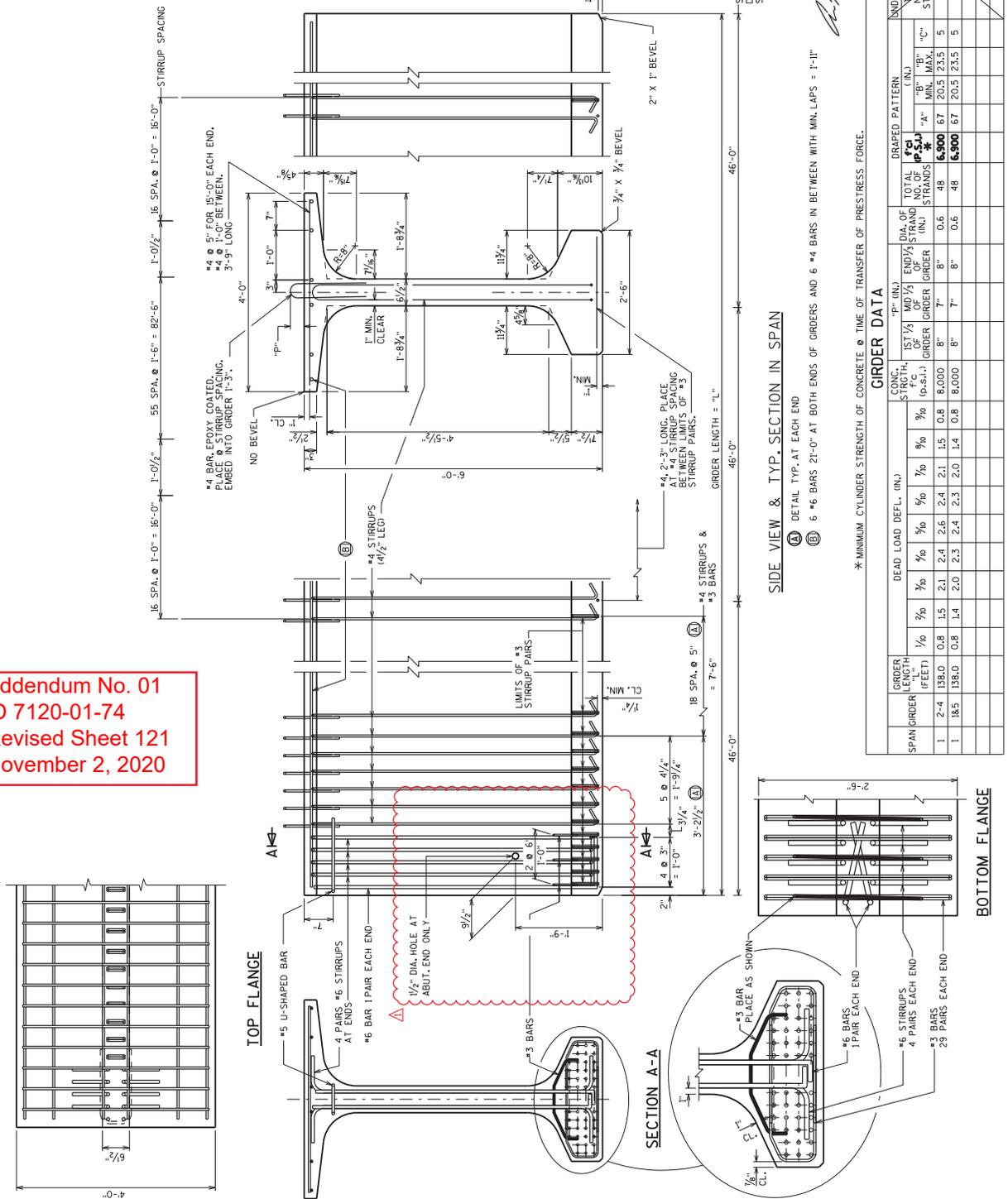
TOP OF GIRDERS TO BE ROUGH FLOATED AND BROOMED TRANSVERSELY, EXCEPT THE OUTSIDE 15" OF GIRDER, WHICH SHALL RECEIVE A SMOOTH FINISH, AN APPROVED FORMER SHALL BE USED TO SMOOTH THE OUTSIDE SURFACES INCLUDING THE OUTSIDE 15" OF THE TOP FLANGE. DO NOT APPLY CONCRETE SEALER OR EPOXY TO SURFACES RECEIVING APPLICATION OF CONCRETE STAINING.

THE GIRDERS SHALL BE PROVIDED WITH A SUITABLE LIFTING DEVICE FOR HANDLING AND ERECTING THE GIRDERS. STRANDS SHALL BE FLUSH WITH END OF GIRDER FOR GIRDER ENDS EMBEDDED IN CONCRETE. END OF GIRDERS SHALL BE PROTECTED WITH A NON-POLYMERIZING SEALER FOR GIRDER ENDS THAT ARE FINALLY EXPOSED. COAT THE GIRDER ENDS, EXPOSED STRAND ENDS AND ALL EXPOSED STRAND ENDS WITH A NON-POLYMERIZING EPOXY CONFORMING TO ASTM M-235 TYPE III, GRADE 2, CLASS B OR C. THE EPOXY SHALL BE APPLIED TO ALL EXPOSED STRAND ENDS BEFORE BEASING AND PRIOR TO THE APPLICATION OF THE SEALER. ALL GIRDERS SHALL BE CAST FULL LENGTH AS SHOWN. SPACING SHOWN FOR #4 STIRRUPS IS FOR GRADE 60 REINFORCEMENT.

AN EQUIVALENT OF WELDED WIRE FABRIC (W/W) ASTM A1064 MAY BE SUBSTITUTED FOR THE STIRRUP REINFORCEMENT SHOWN, UPON ACCEPTANCE OF THE STRUCTURES MAINTENANCE DIVISION. THE SUBSTITUTION SHALL BE ELECTRONICALLY TO THE WISDOT FABRICATION LIBRARY AND ACCEPTED PRIOR TO SHOP DRAWING SUBMITTAL. PRESTRESSING STRANDS SHALL BE 106" DIA., 7 WIRE LOW-RELAXATION STRANDS WITH AN ULTIMATE STRENGTH OF 270,000 PSI.

FOR DIAPHRAGM INSERT & CONNECTION DETAILS SEE "STEEL DIAPHRAGM SHEET".

Addendum No. 01
ID 7120-01-74
Revised Sheet 121
November 2, 2020



SIDE VIEW & TYP. SECTION IN SPAN

DETAIL TYP. AT EACH END
6 #6 BARS 21'-0" AT BOTH ENDS OF GIRDERS AND 6 #4 BARS IN BETWEEN WITH MIN. LAPS = 1'-11"

* MINIMUM CYLINDER STRENGTH OF CONCRETE @ TIME OF TRANSFER OF PRESTRESS FORCE.

GIRDER DATA

SPAN/GIRDER LENGTH (FEET)	CONC. STRENGTH (psi)			CONC. STRENGTH (% of design)			CONC. STRENGTH (ksi)			
	1/3	2/3	1.0	1/3	2/3	1.0	1/3	2/3	1.0	
1 - 2-4	135.0	0.8	1.5	2.1	2.4	2.6	2.4	2.1	1.5	0.8
1 - 18.5	135.0	0.8	1.4	2.0	2.3	2.4	2.3	2.0	1.4	0.8

SPAN/GIRDER LENGTH (FEET)	DRAPED PATTERN			NO. OF STRANDS		
	1/3	2/3	1.0	1/3	2/3	1.0
1 - 2-4	6,900	67	20.5	23.5	5	5
1 - 18.5	6,900	67	20.5	23.5	5	5