



# Wisconsin Department of Transportation

February 8, 2018

## Division of Transportation Systems Development

Bureau of Project Development  
4802 Sheboygan Avenue, Rm 601  
P O Box 7916  
Madison, WI 53707-7916

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #07: 2030-14-70, WISC 2018 086**  
**108<sup>th</sup> Street, City of West Allis**  
**Hank Aaron State Trail, B-40-107/108**  
**STH 100**  
**Milwaukee County**

### Letting of February 13, 2018

This is Addendum No. 02, which provides for the following:

#### Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
210.1500	Backfill Structure Type A	TON	1,688	31	1,719
502.0100	Concrete Masonry Bridges	CY	211	23	234
506.0605	Structural Steel HS	LB	102,594	627	103,221
506.3014	Welded Stud Shear Connectors ¾ x 6-Inch	EA	866	1,168	2,034
516.0500	Rubberized Membrane Waterproofing	SY	50	9	59

#### Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
249	B-40-107 Revised Quantity Table

**Schedule of Items**

Attached, dated February 8, 2018, are the revised Schedule of Items Pages 1 - 4.

**Plan Sheets**

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

Revised: 249.

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

**Addendum No. 02**  
**ID 2030-14-70**  
**Revised Sheet 249**  
**February 8, 2018**

**GENERAL NOTES**

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT WILL BE PLACED WITH 2" OF CLEAR CONCRETE COVER UNLESS OTHERWISE NOTED. ALL FIELD CONNECTIONS SHALL BE MADE WITH 3/4" DIAMETER FRICTION TYPE HIGH-TENSILE STRENGTH BOLTS UNLESS SHOWN OR NOTED OTHERWISE.

BEVEL EXPOSED EDGES OF CONCRETE 3/4" UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS UNLESS OTHERWISE NOTED. COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (NCS), MILWAUKEE COUNTY, ZONE, MAD 83 (2007). ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF MVD 88 (2007).

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE. UTILITIES LABELED AS PROPOSED MAY BE INSTALLED BY OTHERS PRIOR TO THIS CONTRACT.

THE FIRST DIGIT OF A THREE DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK SIGNIFY THE BAR SIZE. CLEAN AND PAINT ALL EXPOSED STEEL SUPERSTRUCTURE SURFACES UNDERNEATH THE BRIDGE. THE SURFACES INCLUDE GIRDERS, DIAPHRAGMS, CONNECTIONS, ETC.

CLEAN AND PAINT ALL EXISTING STEEL BEARINGS AT THE PERS. CLEANING AND PAINTING STEEL BEARINGS TO BE INCLUDED IN THE BID ITEM "STRUCTURE REPAIRING RECYCLED ABRASIVE B-40-107". PAINT APPLICATIONS ON THE BEARINGS SHOULD BE BRUSHED ON.

EXISTING & PROPOSED STEEL SUPERSTRUCTURE SHALL HAVE A FINISH COAT WITH COLOR TO MATCH SHERWIN WILLIAMS COLOR S16255-DENIM BLUE.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK UNLESS SPECIFIED OTHERWISE.

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE SHALL BE PAID FOR IN THE LUMP SUM BID AS "EXPANSION DEVICE B-40-107".

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER.

VARIATIONS TO THE NEW GRADE LINE OVER 1/4" MUST BE SUBMITTED BY THE FIELD ENGINEER TO THE STRUCTURES DESIGN SECTION FOR REVIEW.

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.1 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR OF 1981.

THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES BRIDGES B-40-107 SHALL BE THE EXISTING GROUNDLINE. AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.

BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

BACKFILL AT WINGWALL 3 IS INCLUDED IN ROADWAY QUANTITIES.

THE EXISTING STRUCTURE B-40-107 IS 3-SPAN CONTINUOUS STEEL DECK GIRDER BRIDGE WITH AN OVERALL WIDTH OF 57'-0" AND AN OVERALL LENGTH OF 163'-0". THE DECK, MEDIAN, SIDEWALK AND PARAPETS ARE TO BE REPLACED.

THE DECK, PARAPET, SIDEWALK AND MEDIAN CONCRETE QUANTITY SHALL BE PAID FOR UNDER BID ITEM "MASONRY STRUCTURES".

APPLY PIGMENTED SURFACE SEALER TO THE TOP & INSIDE FACE OF PARAPETS ON THE BRIDGE. APPLY PROTECTIVE SURFACE TREATMENT TO THE DECK, SIDEWALK AND MEDIAN ON THE BRIDGE.

COMPRESSION JOINT SEAL 2 1/4" BETWEEN BRIDGES B-40-107 AND B-40-108 TO BE PAID FOR UNDER BRIDGE B-40-108. LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE BID ITEMS ARE APPROXIMATE:

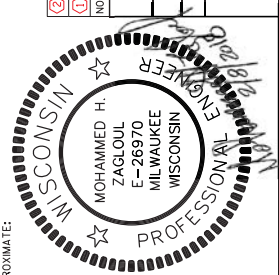
-CONCRETE SURFACE REPAIR;  
 THE SLOPE OF FILL IN FRONT OF ABUTMENT SHALL BE COVERED WITH SOPEL PAVING MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND SLOPE PAVING DETAILS.

PROPOSED NEW GIRDERS AND NEW DIAPHRAGMS PAINTING ARE INCLUDED IN THE BID ITEM "PAINTING EPOXY EXISTING GIRDERS AND EXISTING DIAPHRAGMS PAINTING ARE INCLUDED IN THE BID ITEM "STRUCTURE REPAIRING RECYCLED ABRASIVE B-40-107".

**TOTAL ESTIMATED QUANTITIES**

ITEM NO.	BID ITEMS	UNIT	SOUTH ABUTMENT	PIER 1	PIER 2	NORTH ABUTMENT	SUPER.	TOTAL
203.0200.4000	REMOVING OLD STRUCTURE STA. 56555+00	LS	-	-	-	-	-	1
203.0225.5.4001	DEBRIS CONTAINMENT B-40-107	LS	-	-	-	-	-	1
206.1000.4002	EXCAVATION FOR STRUCTURES BRIDGES B-40-107	LS	-	-	-	-	-	1
210.5000	BACKFILL STRUCTURE TYPE A	TON	13	336	336	14	64	1042
210.5000	CONCRETE MASONRY BRIDGES	CY	40	21	21	63	146	290
502.3100.4003	EXPANSION DEVICE B-40-107	LS	-	-	-	-	-	1
502.3200	PROTECTIVE SURFACE TREATMENT	SY	-	-	-	-	1,014	1,014
502.3200	PIGMENTED SURFACE SEALER	SY	-	-	-	-	64	64
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	104	-	-	104	-	208
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	9	12	12	14	-	47
502.4208	ADHESIVE ANCHORS NO. 8 BAR	EACH	5	-	-	-	-	5
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	1,350	750	750	2,360	-	5,210
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,910	4,970	4,970	4,840	-	68,610
506.2605	STRUCTURAL STEEL HS	LB	-	-	-	-	52,001	52,001
506.3014	WELDED STUD SHEAR CONNECTORS, 3/4X6-INCH	EACH	-	-	-	-	2,034	2,034
506.5000.4005	BEARING ASSEMBLIES FIXED B-40-107	EACH	-	2	-	-	-	2
506.6000.4006	BEARING ASSEMBLIES EXPANSION B-40-107	EACH	7	-	2	7	-	16
506.7050.5.4007	REMOVING BEARINGS B-40-107	EACH	5	-	-	5	-	10
509.1500	CONCRETE SURFACE REPAIR	SF	20	10	10	20	-	60
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	15	-	-	15	-	31
517.0600.4009	PAINTING EPOXY SYSTEM B-40-107	LS	-	-	-	-	-	1
517.0900.5.4010	PREPARATION AND COATING OF TOP FLANGES B-40-107	LS	-	-	-	-	-	1
517.1800.5.4011	STRUCTURE REPAIRING RECYCLED ABRASIVE B-40-107	LS	-	-	-	-	-	1
517.4500.5.4012	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-107	LS	-	-	-	-	-	1
517.6001.5	PORTABLE DECONTAMINATION FACILITY	EACH	-	-	-	-	-	1
550.0500	PILE POINTS	EACH	7	6	6	6	-	25
550.1120	PILING STEEL HP 12-INCH X 53 LB	LF	525	390	390	450	-	1,755
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY	120	-	-	14	-	234
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	50	-	-	75	-	125
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	-	-	-	-	-	1
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	14	-	-	14	-	28
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	-	-	-	-	50	50
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	-	-	-	-	500	500
653.0220	JUNCTION BOXES 18X12X6-INCH	EACH	-	-	-	-	3	3
653.0222	JUNCTION BOXES 18X12X6-INCH	EACH	-	-	-	-	1	1
653.0225	ANCHOR ASSEMBLIES LIGHT POLES ON STRUCTURES	CY	-	-	-	-	-	1
SPV-0035.4000	MASONRY STRUCTURES	CY	1	-	-	4	293	298
SPV-0090.4005	FENCE DECORATIVE BRIDGE	LF	47	-	-	-	170	217
SPV-0090.4005	FENCE DECORATIVE WING	LF	47	-	-	-	47	94
SPV-0090.4005	LONGITUDINAL GROOVING BRIDGE DECK	SF	-	-	-	-	7,522	7,522
SPV-0180.4150	CLEAN ABUTMENT SEATS	SY	4	-	-	4	-	8
	NON-BID ITEMS							
	PREFORMED JOINT FILLER	SIZE	-	-	-	-	-	3/4" x 1/2"
	NON-BUTTIMOUS JOINT FILLER	SIZE	-	-	-	-	-	1/2"
	CORK FILLER	SIZE	-	-	-	-	-	3/4"
	NAME PLATE	EACH	-	-	-	-	-	1

*William C. Decker* SDR 02/08/18



STATE PROJECT NUMBER	2030-14-70
REVISION	NO. DATE
1	2/09/18
2	2/08/18
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
STRUCTURE B-40-107	
GENERAL NOTES & QUANTITIES	249
SHEET 3 OF 34	



Proposal Schedule of Items

Proposal ID: 20180213007 Project(s): 2030-14-70

Federal ID(s): WISC 2018086

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.9060.S Removing (item description) 3001. Concrete Base Type 13	1.000 EACH	_____.	_____.
0034	204.9105.S Removing (item description) 3001. Traffic Signals IH 94 EB Off Ramp & STH 100	LS	LUMP SUM	_____.
0036	205.0100 Excavation Common	1,951.000 CY	_____.	_____.
0038	206.1000 Excavation for Structures Bridges (structure) 4002. B-40-107	LS	LUMP SUM	_____.
0040	206.1000 Excavation for Structures Bridges (structure) 4103. B-40-108	LS	LUMP SUM	_____.
0042	210.1500 Backfill Structure Type A	1,719.000 TON	_____.	_____.
0044	213.0100 Finishing Roadway (project) 0001. 2030-14-70	1.000 EACH	_____.	_____.
0046	305.0120 Base Aggregate Dense 1 1/4-Inch	2,416.000 TON	_____.	_____.
0048	312.0115 Select Crushed Material	719.000 CY	_____.	_____.
0050	415.0080 Concrete Pavement 8-Inch	191.000 SY	_____.	_____.
0052	415.0410 Concrete Pavement Approach Slab	440.000 SY	_____.	_____.
0058	416.0180 Concrete Driveway 8-Inch	115.000 SY	_____.	_____.
0060	416.0610 Drilled Tie Bars	52.000 EACH	_____.	_____.
0062	416.0620 Drilled Dowel Bars	90.000 EACH	_____.	_____.
0064	455.0605 Tack Coat	371.000 GAL	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20180213007 Project(s): 2030-14-70

Federal ID(s): WISC 2018086

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0066	460.2000 Incentive Density HMA Pavement	40.000 DOL	1.00000	40.00
0070	465.0125 Asphaltic Surface Temporary	521.000 TON	_____	_____
0072	502.0100 Concrete Masonry Bridges	234.000 CY	_____	_____
0074	502.3100 Expansion Device (structure) 4003. B-40-107	LS	LUMP SUM	_____
0076	502.3100 Expansion Device (structure) 4104. B-40-108	LS	LUMP SUM	_____
0078	502.3200 Protective Surface Treatment	2,144.000 SY	_____	_____
0080	502.3210 Pigmented Surface Sealer	159.000 SY	_____	_____
0084	502.4205 Adhesive Anchors No. 5 Bar	450.000 EACH	_____	_____
0086	502.4206 Adhesive Anchors No. 6 Bar	101.000 EACH	_____	_____
0088	502.4208 Adhesive Anchors No. 8 Bar	5.000 EACH	_____	_____
0090	505.0400 Bar Steel Reinforcement HS Structures	12,340.000 LB	_____	_____
0092	505.0600 Bar Steel Reinforcement HS Coated Structures	185,840.000 LB	_____	_____
0094	506.0605 Structural Steel HS	103,221.000 LB	_____	_____
0096	506.3014 Welded Stud Shear Connectors 3/4x6-Inch	2,034.000 EACH	_____	_____
0098	506.3015 Welded Stud Shear Connectors 7/8x6-Inch	1,326.000 EACH	_____	_____



Proposal Schedule of Items

Proposal ID: 20180213007 Project(s): 2030-14-70

Federal ID(s): WISC 2018086

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0100	506.5000 Bearing Assemblies Fixed (structure) 4005. B-40-107	2.000 EACH	_____.	_____.
0102	506.5000 Bearing Assemblies Fixed (structure) 4106. B-40-108	2.000 EACH	_____.	_____.
0104	506.6000 Bearing Assemblies Expansion (structure) 4006. B-40-107	16.000 EACH	_____.	_____.
0106	506.6000 Bearing Assemblies Expansion (structure) 4107. B-40-108	16.000 EACH	_____.	_____.
0108	506.7050.S Removing Bearings (structure) 4007. B- 40-107	10.000 EACH	_____.	_____.
0110	506.7050.S Removing Bearings (structure) 4108. B- 40-108	12.000 EACH	_____.	_____.
0112	509.1500 Concrete Surface Repair	90.000 SF	_____.	_____.
0114	511.2200 Temporary Shoring Left in Place (structure) 4109. B-40-108	235.000 SF	_____.	_____.
0118	516.0500 Rubberized Membrane Waterproofing	59.000 SY	_____.	_____.
0120	517.0600 Painting Epoxy System (structure) 4009. B-40-107	LS	LUMP SUM	_____.
0122	517.0600 Painting Epoxy System (structure) 4110. B-40-108	LS	LUMP SUM	_____.
0124	517.0900.S Preparation and Coating of Top Flanges (structure) 4010. B-40-107	LS	LUMP SUM	_____.
0126	517.0900.S Preparation and Coating of Top Flanges (structure) 4111. B-40-108	LS	LUMP SUM	_____.