

Wisconsin Department of Transportation

January 3, 2024

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 #11: 2265-10-71, WISC 2024116

Oak Creek - Milwaukee 8 Mile Rd to Elm Rd

STH 241

Milwaukee County

Letting of January 9, 2024

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

Special Provisions:

Added Special Provisions										
Article No.	Description									
23	Inlets 5-FT Diameter, Item SPV.0060.01									

Schedule of Items:

	Revised Bid Item Quantities													
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum									
611.3225	Inlets 2x2.5-FT	Each	7	-1	6									
611.9710	Salvaged Inlet Covers Type WM	Each	7	-1	6									

	Added Bid Item Quantities												
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum								
611.0639	Inlet Covers Type H-S	Each	0	1	1								
SPV.0060.01	Inlets 5-FT Diameter	Each	0	1	1								

Plan Sheets:

Revised Plan Sheets											
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)										
26	Storm Sewer: Elm Rd (revised SS structure type and cover)										
64	Miscellaneous Quantities (revised and added quantities for SS structure type and cover)										

Added Plan Sheets										
Plan Sheet	Plan Sheet									
64A	Added Miscellaneous Quantity									
73A	SDD Manholes, 3-FT, 4-FT, 5-FT, 6-FT, 8-FT, 9-FT, and 10-FT Diameter									

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 2265-10-71 January 3, 2024

Special Provisions

23. Inlets 5-FT Diameter, Item SPV.0060.01.

A Description

This special provision describes providing an inlet according to section 611 of the standard specs and as detailed in the plans.

B Materials

Furnish concrete inlets according to standard spec 611.2.

Concrete shall have a compressive strength (f'c) of 5,000 psi.

Reinforcing steel shall have a yield strength of 60 ksi.

Reinforcing steel shall be epoxy coated.

C Construction

Construct concrete inlets according to standard spec 611.3, as shown in the standard detail drawing "Manholes, 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT and 10-FT Diameter.

D Measurement

The department will measure Inlet 5-FT Diameter by the individual unit, acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Inlets 5-FT Diameter	EACH

Schedule of Items

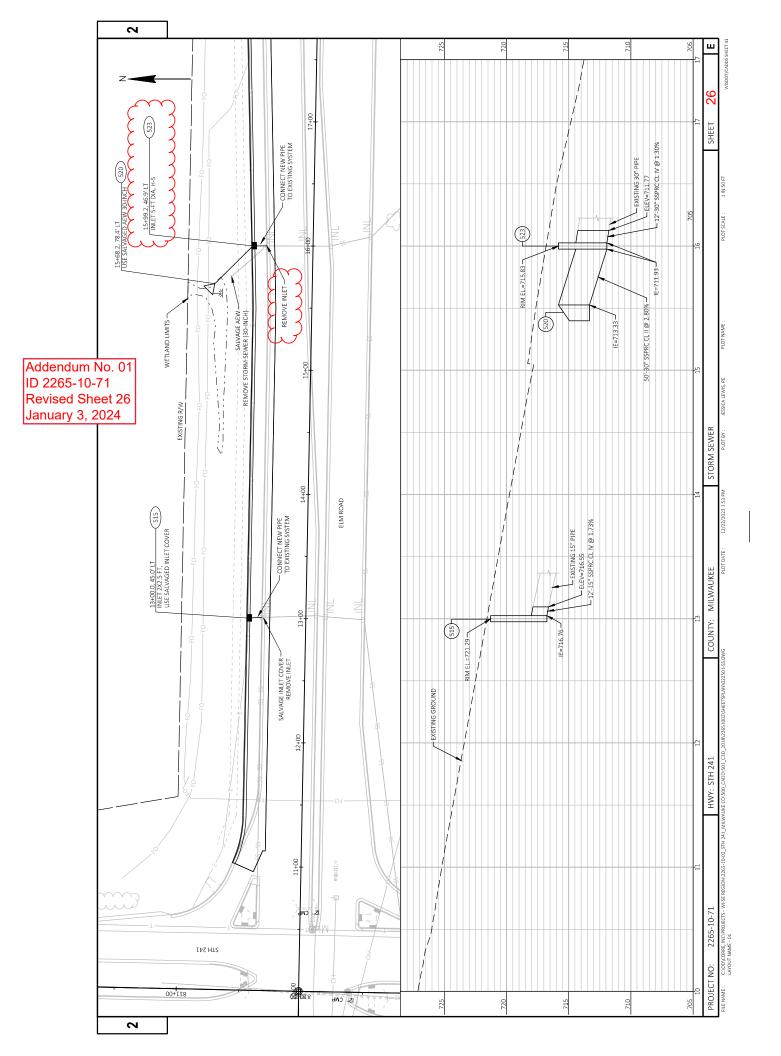
Attached, dated January 3, 2024, are the revised Schedule of Items Pages 4 and 10.

Plan Sheets

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

Revised: 26, and 64. Added: 64A and 73A.

END OF ADDENDUM



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			STATION	787+37	10	13'E'+00	15"E"+68	15"E"+99	19'E'+00	22'E'+00	22'E'+45	22'E'+50	26'E'+00	30								STATION	787+37 5.		13'E'+00	15"E"+68 7	15"E"+99 4		22'E'+00 5			26'E'+00	UNDISTRIBUTED			
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			ROADWAY	SIH 241		ELM RD									PROJECT TOTAL							RCADWAY STH 241		0,	M KC									PROJECT TOTAL		HM
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 310.0110
 612.0106
 645.011

 BASEAGGREGATE
 PIPE UNDERDRAIN
 GEOTEXTILETYPE DF

 OPEN-GRADED
 6-INCH
 SCHEDLLEA

 TON
 LF
 SY

UNDERORAIN

1,690

320

0/2

STATION

STATION 10'E'+95

CATEGORY ROADWAY
0030 ELM RD

TOTALS

			AIL	T				١	
	614.2610		MGS GUARDR.	TERMINAL EA	EACH		1	1	1
	614.2500		MGSTHREBEAM MGSGUARDRAIL	TRANSITION	LF		39.4	39.4	78.8
	614.2300			SEED WATER CLASSITYPE B ASPHALT MGS GUARDRAIL 3 TRANSITION TERMINAL EAT	-F		3	25	25
	614.0397	MOW STRIP	EMULSIFIED	ASPHALT	SY		3	7	10
			EROSION MAT EMULSIFIED	CLASSITYPEB	SY		28	80	
	VLY.			SEED WATER	MGAL		9	17	
RAIL	FOR INFORMATION ONLY		SEEDING MIXTURE	#30	LB		Ţ	2	
SUARD	FOR		SE	TOPSOIL FERTILIZER TYPE B	CWT		1	1	
				TOPSOIL	SY		28	80	
	614.0010	BARRIER SYSTEM	GRADING SHAPING	HINISHING	EACH		Ţ	1	2
					0/2		LT/RT	LT/RT	
					STATION O/S		786+11	808+95	
					STATION		785+50 -	787+28 -	TOTALS
					SATEGORY ROADWAY STATION	STH 241			18"
					CATEGORY	0010			

PROJECT NO: 2265-10-71 HWW: STH 241

HIE IMME: CLODGORRE MICHORICIS-WISE REGION/2265-10-02_STH 241_MILWAUNE COISOO_CUODISOL_COD_20182265100258HETSPLANN

MISCELLANEOUS QUANTITIES
PLOT BY: JESSICA LEWIS, PE

COUNTY: MILWAUKEE

3

SDD 08B09 Manholes, 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT and 10-FT

PRECAST REINFORCED CONCRETE RISERS φ

MANHOLE COVER OPENING MATRIX

Σ		×
7	×	
×		×
ALL J'S	×	
υ	×	
MANHOLE COVER OPENING TYPE SIZE (FT.)	2 DIA.	3 DIA.

OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

2" TYP.

9

	MINIMUM PRECAST	AND BASE THICKNESS	9	9	8	8	8	8	10	10
J	MINIMUM	THICKNESS (IN)	4	4	9	9	7	8	6	10
PIPE MATRIX	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	90° SEPARATION (IN)	12	18	24	36	36/42★	42	54	09
•	MAXIMUM INSIDE FOR TW	180° SEPARATION (IN)	15	24	36	42	48	09	99	72
	MANHOLE	(DIA.)	3-FT	4-FT	5-FT	6-FT	T4-7	TH-8	LJ-6	13-01

PRECAST REINFORCED CONCRETE RISERS

* a 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES. SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

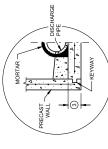
OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

PRECAST
REINFORCED
CONCRETE
FLAT SLAB TOP

SEE DETAIL "B" ¬

CIRCULAR OPENING

PLAN VIEW



BED OF

MORTAR BEVEL 45°

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION DETAIL "A"

SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

MIN.

ł

2 COURSES 6" BLOCK

Θ CONCRETE (MIN. SLOPE – 1 IN./FT.)

SEE DETAIL "C" -

SNAJ9 NO NWOHS SA HT930



CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST IN PLACE STRUCTURES.

SECTION A - A

SPLIT PIPE OR FORM CONCRETE TO FIT

SEE DETAIL "A" -

TOP WITH TONGUE AND GROOVE JOINT

MINIMUM HORIZONTAL PIPE SEPARATION

5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER MANHOLES, 3-FT, 4-FT

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

2DD 08B09 - 03

/S/ Rodney Taylor ROADWAY STANDARDS DEVEL November 2021 DATE APPROVED

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

DETAIL

TOP WITH PLAIN END JOINT

GENERAL NOTES

DETALLS OF CONSTRUCTION. MATERALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PRINIENT REQUIREMENTS OF THE STANDARD SPECIAL CATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

IUNESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER. THE CONTRACTOR SHALL NOT ORDER AND DELIVER PREASST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE REVIONER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTIBEE SHALL BE SUBMITTED TO THE ENGINEER FOR A PROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EDUNALENT CARACITY AND STRENGTH.

ALL DRAWAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANUCLES 2X24." "CATCH BASINS 445". "INLETS 2X24," ETC. THE FIRST NUMBRES DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVERT TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SALL BE PLACED ON A BED OF MATERAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE RECOUREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS HEETING AASHTO MAGG AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER STEETIN DEPTH. 18 INDEX C.C. MANNIAM CLEAR DISTANCE OF A MOCHES REGION OF THE POINT OF EMBEDMENT MINIMUM LEGAL DISTANCE OF A MOCHES, MINIMUM NALL EMBEDMENT REGION THE STEEN OF THE

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS. STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½, INCH AND MEET THE REQUIREMENTS OF ASTM A615.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M195 PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES, SEE DETAIL "D". E "OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS RECUIRED WHEN SEPRAKTE PRECASE TABLES IS REMODED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

9

(1) FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES (0)

SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP.). 6

SEE MANHOLE COVER OPENING MATRIX.

Addendum No. 01 ID 2265-10-71

Added Sheet 73A

January 3, 2024

OUTSIDE PIPE WALL (TYP.)

RISER WITH TONGUE AND GROOVE JOINT DETAIL "C"

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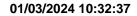
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½" CEMENT PLASTER COAT

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH
CAST IN PLACE OR
PRECAST REINFORCED
CONCRETE BASE ①







Proposal Schedule of Items

Page 4 of 10

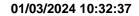
Federal ID(s): WISC 2024116

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0092	601.0588 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBT	194.000 LF		
0094	602.3010 Concrete Surface Drains	1.000 CY	·	
0096	606.0200 Riprap Medium	10.000 CY	·	·
0098	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	94.000 LF	·	
0100	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	62.000 LF		
0102	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	12.000 LF	·	
0104	611.0654 Inlet Covers Type V	1.000 EACH		
0106	611.0660 Inlet Covers Type WM	2.000 EACH	·	
0108	611.3220 Inlets 2x2-FT	1.000 EACH	·	·
0110	611.3225 Inlets 2x2.5-FT	6.000 EACH		·
0112	611.9710 Salvaged Inlet Covers	6.000 EACH		
0114	612.0106 Pipe Underdrain 6-Inch	1,690.000 LF		
0116	612.0406 Pipe Underdrain Wrapped 6-Inch	400.000 LF		
0118	614.0010 Barrier System Grading Shaping Finishing	2.000 EACH		
0120	614.0150 Anchor Assemblies for Steel Plate Beam Guard	2.000 EACH		







Proposal Schedule of Items

Page 10 of 10

Federal ID(s): WISC 2024116

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0278	715.0502 Incentive Strength Concrete Structures	2,550.000 DOL	1.00000	2,550.00
0280	740.0440 Incentive IRI Ride	3,940.000 DOL	1.00000	3,940.00
0282	999.2000.S Installing and Maintaining Bird Deterrent System (station) 01. 786+20	1.000 EACH		
0284	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	1,200.000 HRS	5.00000	6,000.00
0286	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,280.000 HRS	5.00000	11,400.00
0288	SPV.0060 Special 04. Moving Overhead Sign Support S-40-942	1.000 EACH		·
0290	SPV.0195 Special 01. Asphaltic Repair	82.000 TON		·
0292	611.0639 Inlet Covers Type H-S	1.000 EACH		
0294	SPV.0060 Special 01. Inlets 5-FT Diameter	1.000 EACH		
	Section: 000	01	Total:	·

Total Bid: