



Wisconsin Department of Transportation

July 1, 2019

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 #5: 1320-23-70
STH 11, ERF to Wisconn Valley Way
EFR to Wisconn Valley Way
STH 11
Racine County

1320-23-73
STH 11, Wisconn Valley Way to CTH H
Wisconn Valley Way to CTH H
STH 11
Racine County

Letting of July 9, 2019

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
12	Utilities
64	Optimized Aggregate Gradation Incentive, Item 715.0710

Added Special Provisions	
Article No.	Description
95	Notice to Contractor – Hauling Restrictions
96	Signs Type I and II.

Deleted Special Provisions	
Article No.	Description
53	Signs Type II

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
637.2230	Signs Type II Reflective F	SF	136	-16	120
SPV.0035.301	EBS Excavation	CY	22,833	-4,566	18,267
SPV.0035.302	EBS Backfill	CY	22,833	-4,566	18,267

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
645.0220	Geogrid Type SR	SY	0	16,500	16,500

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
112	Signing Plan (removed sign P157)
116	Signing Plan (removed sign P407)
231	Miscellaneous Quantities (updated 'Earthwork' table)
248	Miscellaneous Quantities (updated 'Permanent Signing' table)
251	Miscellaneous Quantities (added 'Geogrid Type SR' table)
272	Miscellaneous Quantities (updated 'Earthwork' table)
295	Miscellaneous Quantities (updated 'Permanent Signing' table)
297	Miscellaneous Quantities (updated 'Permanent Signing' table)
301	Miscellaneous Quantities (added 'Geogrid Type SR' table)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
24A	Construction Details:2019 Haul Routes (added haul route map for 2019)
24B	Construction Details:2020 Haul Routes (added haul route map for 2020)

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 1320-23-70 & 1320-23-73
July 1, 2019

Special Provisions

12. Utilities.

*Replace paragraph one under subsection titled **Mount Pleasant, Village of – Sanitary** under section titled **Project 1320-20-73**:*

During construction, the Village of Mount Pleasant will construct a new sanitary sewer main beginning at a manhole at Station 201+76, 175'RT and running easterly along a line 40' south of and parallel to the proposed southerly STH 11 right of way to a manhole at Station 226+24, 175'RT where it turns and runs southerly to beyond the project limits. The Village of Mount Pleasant will construct this sewer from approximately October 1st to December 31st, 2019. During this time frame, allow the sanitary contractor two access points off of STH 11 between the abovementioned station limits for this sanitary work.

*Replace the last sentence of second bullet point under subsection titled **We Energies - Gas** under section titled **Project 1320-20-73** with the following:*

The existing line will remain in place from Station 214+02, 75'LT to Station 224+15, 76'LT and from Station 226+05, 76'LT to 232+00, 67'LT.

*Insert the following bullet point after the third bullet point under section titled **We Energies – Gas** under section titled **Project 1320-20-73**:*

- A new underground gas line tying into the existing main and beginning at Station 224+15, 76'LT and running easterly along a line 5' south of and parallel to the northerly STH 11 right of way to Station 226+05, 76'LT and tying into the existing main. We Energies will construct this gas line between May 1st and August 31st, 2019.

53. DELETE

64. Optimized Aggregate Gradation Incentive, Item 715.0710.

Replace the entire article with the following:

Description

This special provision describes optional contractor optimized aggregate gradation, optional optimized mixture designs, and associated additional requirements for class 1 concrete used in concrete pavements. Conform to standard specification part 7 and as follows:

Optimized Aggregate Gradation

A Job Mix Formula (JMF) contains all of the following:

Proportions for each aggregate fraction conforming to table 1.

Individual gradations for each aggregate fraction.

Composite gradation of the combined aggregates including working ranges on each sieve in accordance with table 2.

Submit the target JMF and aggregate production gradation test results to the engineer for review 10 business days before initial concrete placement.

TABLE 1 TARANTULA CURVE GRADATION BAND

SIEVE SIZES	PERCENT RETAINED
2 in.	0
1 1/2 in.	≤5
1 in.	≤16
3/4 in.	≤20
1/2 in.	4-20
3/8 in.	4-20
No. 4	4-20
No. 8 ^[1]	≤12
No. 16 ^[1]	≤12
No. 30 ^{[1] [2]}	4-20
No. 50 ^[2]	4-20
No. 100 ^[2]	≤10
No. 200 ^[2]	≤2.3

^[1] Minimum of 15% retained on the sum of the #8, #16, and #30 sieves.

^[2] Conform to 24-34% retained of fine sand on the #30-200 sieves.

TABLE 2 JMF WORKING RANGE

SIEVE SIZES	WORKING RANGE ^[1] (PERCENT)
2 in.	+/- 5
1 1/2 in.	+/- 5
1 in.	+/- 5
3/4 in.	+/- 5
1/2 in.	+/- 5
3/8 in.	+/- 5
No. 4	+/- 5
No. 8	+/- 4
No. 16	+/- 4
No. 30	+/- 4
No. 50	+/- 3
No. 100	+/- 2
No. 200	≤ 2.3

^[1] Working range limits of composite gradation based on moving average of 4 tests.

Replace standard spec 710.5.6 with the following:

Determine the complete gradation, including P200, using a washed analysis for both fine and coarse aggregates. Test each stockpile for each component aggregate once per 1,500 cubic yards during concrete production.

Take samples by one of the following sampling methods:

1. At the belt leading to the weigh hopper.
2. Working face of the stock piles at the concrete plant if approved by the engineer.

The department will take independent QV samples using the same sampling method the contractor uses for QC sampling. QV samples may be taken by the contractor's QC personnel if witnessed by the department's QV personnel. The department will split each QV sample and retain half for all dispute resolutions. If QV test results conform to the specification, the department will take no further action. If QV test results are nonconforming, add the QV to the QC test results as if it were an additional QC test.

If, during concrete production, the moving average of four for any sieve fall outside the allowable JMF working range do the following:

1. Notify the engineer of the test results within 1 business day from the time of sampling.
2. Make immediate adjustments to the JMF, within the limits specified in Table 3;
3. Review JMF adjustments with the engineer. Both the contractor and engineer will sign the adjusted JMF if the adjustments comply with Table 3.
4. If the moving average of four falls outside the adjusted allowable working range, stop production and provide a new mix design including JMF to the engineer.

TABLE 3 ALLOWABLE JMF ADJUSTMENTS

SIEVE SIZES	ALLOWABLE ADJUSTMENT (PERCENT)
>= No. 4	+/- 5
No. 8 – No. 30	+/- 4
No. 50	+/- 3
No. 100	+/- 2

Dispute Resolution

The department will resolve disputes as specified in standard spec 106.3.4.3.5 using QV split samples.

Sublot and Lot Size

A sublot consists of up to 1,500 cubic yards. A lot consists of two sublots.

Optimized Concrete Mixtures

The contractor may use a reduced cementitious content for concrete pavement placed if the contractor does the following:

1. Use an optimized aggregate gradation as defined in this special provision.
2. Conform to the additional testing requirements for flexural strength as specified in the contract special provisions.
3. Submit aggregate gradation result records no more than 2 years old when developing the mix design.
4. Determine the volume of voids in the optimized aggregates using ASTM C29.
5. Download and follow the instructions tab of the Optimized Gradation and Mix Design Spreadsheet located at: <https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrces/gmp/default.aspx>
6. Design an appropriate paste content based upon the Performance-based PCC Mix Design Guide located at: <https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrces/gmp/default.aspx>
7. Provide a minimum V_{paste}/V_{voids} of 1.25. (Paste/Void ratio equals the volume of paste divided by the volume of voids.).

8. Evaluate workability of trial batches by following section 6.8 of AASHTO Draft Performance Engineered Concrete Pavement Mixtures Specifications located at:
<https://wisconsin.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/qmp/default.aspx>
9. Submit trial batch workability results when submitting the mix design.
10. Submit the CP Tech center computer spreadsheet concrete mix design to the engineer for review at least 3 business days before producing concrete.
11. Provide a minimum cement content of 520 pounds per cubic yard, except if using type I, II, or III cement in a mix where the geologic composition of the coarse aggregate is primarily igneous or metamorphic materials, provide a minimum cement content of 660 pounds per cubic yard.
12. The contractor may use class C fly ash or grade 100 or 120 slag as a partial replacement for cement. For binary mixes use up to 30% fly ash or slag. For ternary mixes use up to 30% fly ash plus slag in combination. Replacement values are in percent by weight of the total cementitious material in the mix.
13. See CMM 8-70.2.2.3 for additional guidance.

Measurement

The department will measure Optimized Aggregate Gradation Incentive by the dollar, for each combined averaged lot of QC test results meeting Table 1.

Payment

The department will pay incentive of 3 percent of the contract unit price for concrete pavement under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
715.0710	Optimized Aggregate Gradation Incentive	DOL
stp-715-005 (20181119)		

95. Notice to Contractor - Hauling Restriction.

Do not haul materials of any kind on, along or across any portion of IH-94, from noon Friday, July 10th, 2020 to 6:00 AM Monday, July 20th, 2020.

96. Signs Type I and II.

Furnish and install aluminum vertical support beams for type I and II signs on overhead sign supports incidental to sign. For type I and II signs on sign bridges use aluminum vertical support beams noted above incidental to sign.

Supplement 637.2.4 of the standard specs with the following:

Use stainless steel bolts, washers and nuts for type I and type II signs mounted on sign bridges or type I and II signs mounted on overhead sign supports. Use clips on every joint for Sign Plate A 4-6 when mounted on a sign bridge or overhead sign support. Inspect installation of clips and assure bolts and nuts are tightened to manufacturers recommended torque values.

Use aluminum vertical sign support beams that have a 5-inch wide flange and weigh 3.7 pounds per foot, if the L-brackets are 4 inches wide then use 4 inch wide flange beams weighing 3.06 pounds per foot. Contractor shall measure the width of the L-brackets on existing structures of determine the width needed for sign support beams.

Use beams a minimum of six feet in length or equal to the height of the sign to be supported, whichever is greater. For overhead sign supports, the beams shall be the height of the sign or the distance sufficient to fasten to the horizontal members of the overhead sign support when there are two horizontal members. Use U-bolts that are made of stainless steel, one-half inch diameter and of the proper size to fit the truss cords of

each sign bridge. Install vertical sign support beams on each sign and use new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss.

If type I or II signs use I beams to support the signs.

Replace 637.2.4.1(2)2 of the standard specifications with the following:

Clips may be either stainless steel or aluminum conforming to ASTM B 108, alloy 356.0-T6.

Replace 637.3.3.2(2) of the standard specifications with the following:

Install Type I Signs at the offset stated in the plan, which shall be the clear distance between the edge of mainline pavement right edgeline and the near edge of the sign.

Supplement 637.3.3.3(3) of the standard specifications with the following:

Furnish and install new aluminum vertical sign support beams on each sign and new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss for Type I or Type II Signs and Type I and II signs on overhead sign supports incidental to sign.

Add the following to standard spec 641.2:

Submit shop drawings for sign bridges and overhead sign supports to SE Region Traffic Operations Engineer, Tom Heydel and Bureau of Structures, Fabrication Library. Along with Shop drawings, DT2326 is required to be filled out and submitted with the shop drawings. DT 2334 is also required for status report document for sign structures. Follow specification 105.2.2 for Fabrication Library requirements DT 2321 (Anchor Rod installation form) and DT 2322 (anciliary Structures Pre-installation verification test of high strength bolts form) shall be filled out as part of installation and fabrication.

SER-637.1 (20170405)

U: mounting hardware for type I and II signs revised 6-20-19

Schedule of Items

Attached, dated July 1, 2019, are the revised Schedule of Items Pages 8, 14, 16, and 17.

Plan Sheets

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

Revised: 112, 116, 231, 248, 251, 272, 295, 297 & 301.

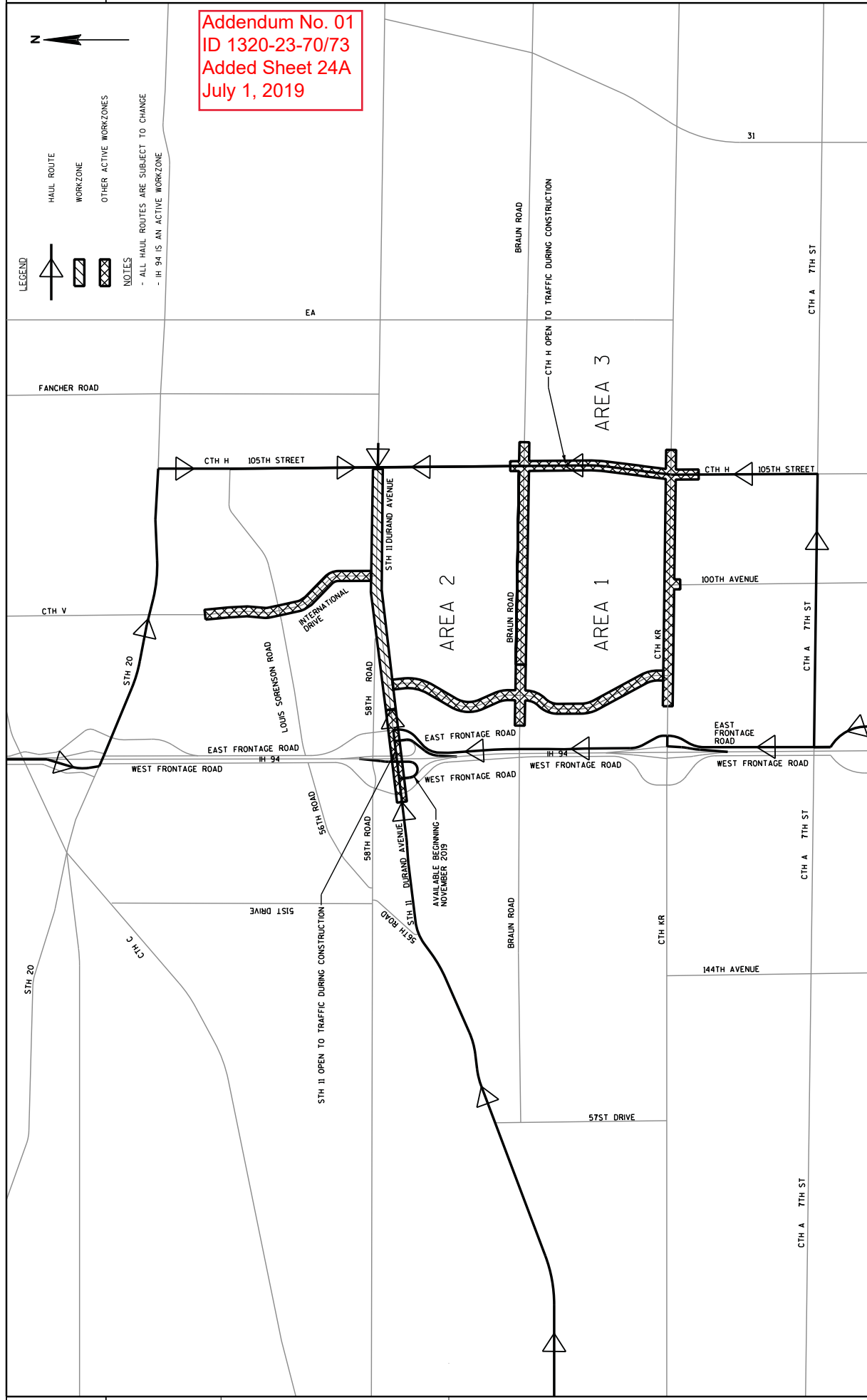
Added: 24A & 24B.

END OF ADDENDUM



- LEGEND**
- HAUL ROUTE
 - WORKZONE
 - OTHER ACTIVE WORKZONE
- NOTES**
- ALL HAUL ROUTES ARE SUBJECT TO CHANGE
 - IH 94 IS AN ACTIVE WORKZONE

Addendum No. 01
ID 1320-23-70/73
Added Sheet 24A
July 1, 2019

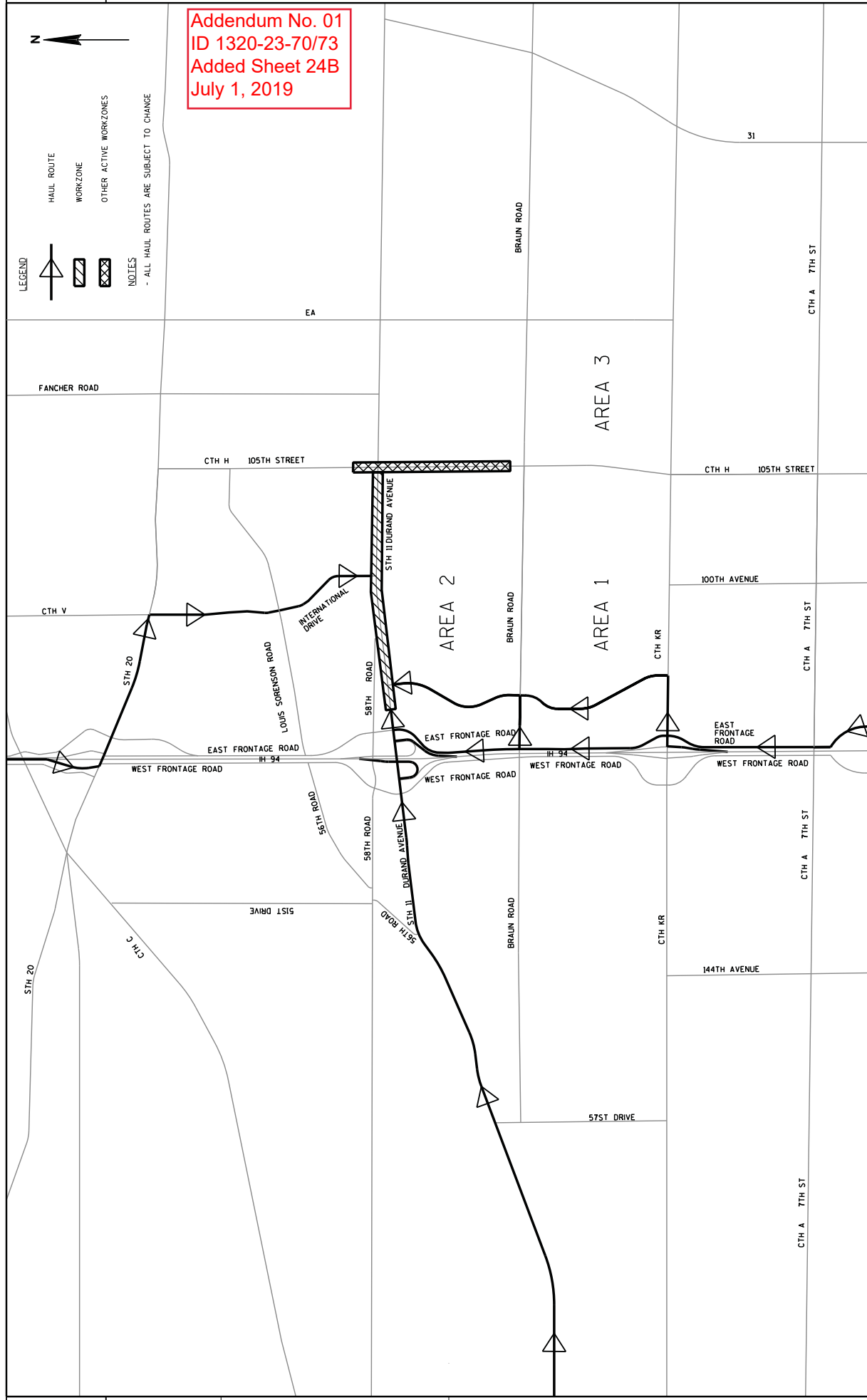


PROJECT NO: 1320-23-70 & 1320-23-73	COUNTY: RACINE	SHEET 24A
HWY: STH 11	CONSTRUCTION DETAILS: 2019 HAUL ROUTES	WISDOT/CADD SHEET 42
FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\DesIgn\00N_Files\WIS 11\NPlan\Sheets\13202370\021015_CD.dgn	PLOT DATE : 6/27/2019	PLOT SCALE : 1:3200
PLOT BY : mwolok	PLOT NAME :	



- LEGEND**
- HAUL ROUTE
 - WORKZONE
 - OTHER ACTIVE WORKZONES
- NOTES**
- ALL HAUL ROUTES ARE SUBJECT TO CHANGE

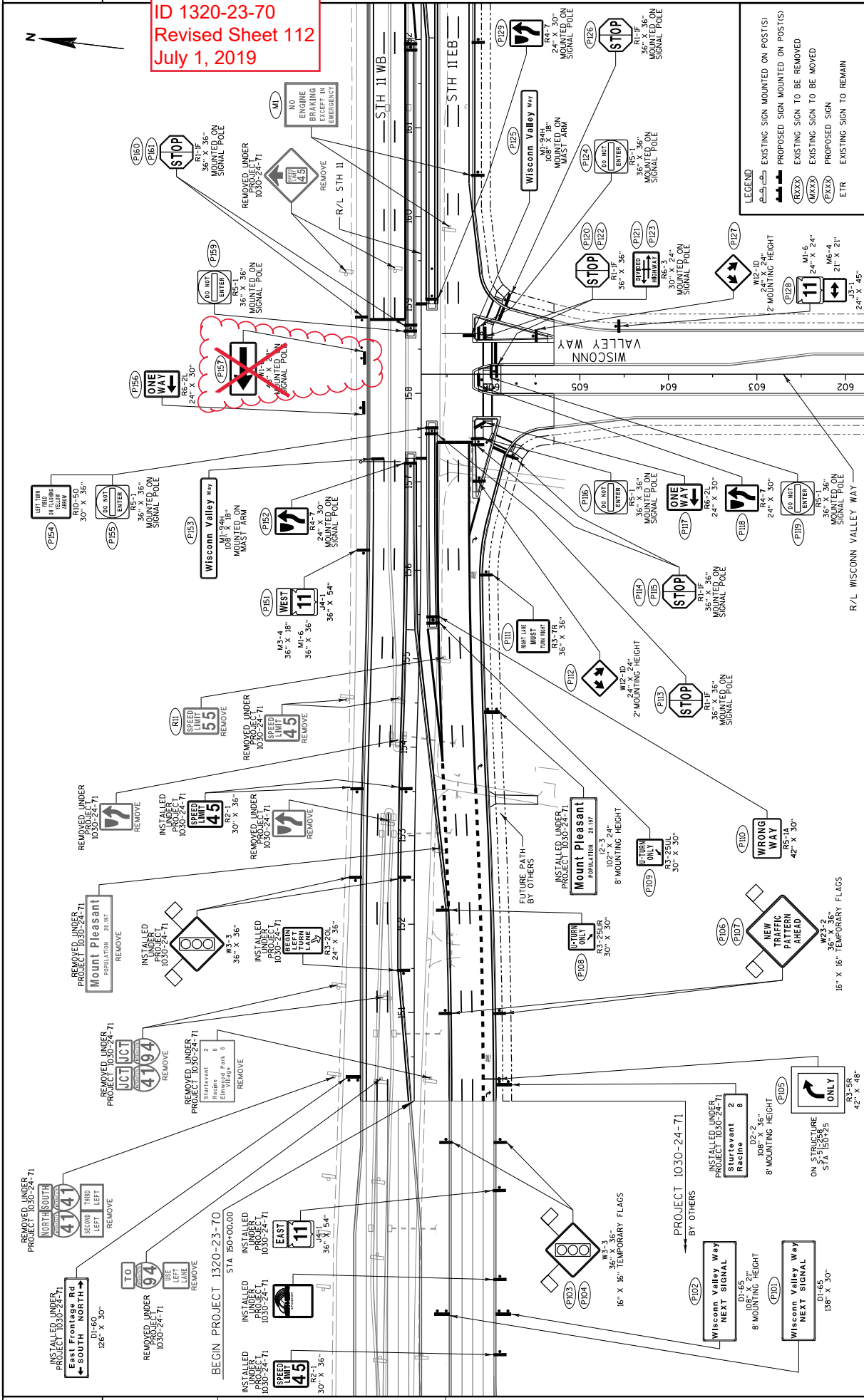
Addendum No. 01
ID 1320-23-70/73
Added Sheet 24B
July 1, 2019



PROJECT NO: 1320-23-70 & 1320-23-73 FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\Des\ign\00N_Files\WIS 11\NPL\Sheets\13202370\021016_CD.dgn	COUNTY: RACINE HWY: STH 11	CONSTRUCTION DETAILS: 2020 HAUL ROUTES SHEET 24B WISDOT/CADD SHEET 42
--	-------------------------------	---

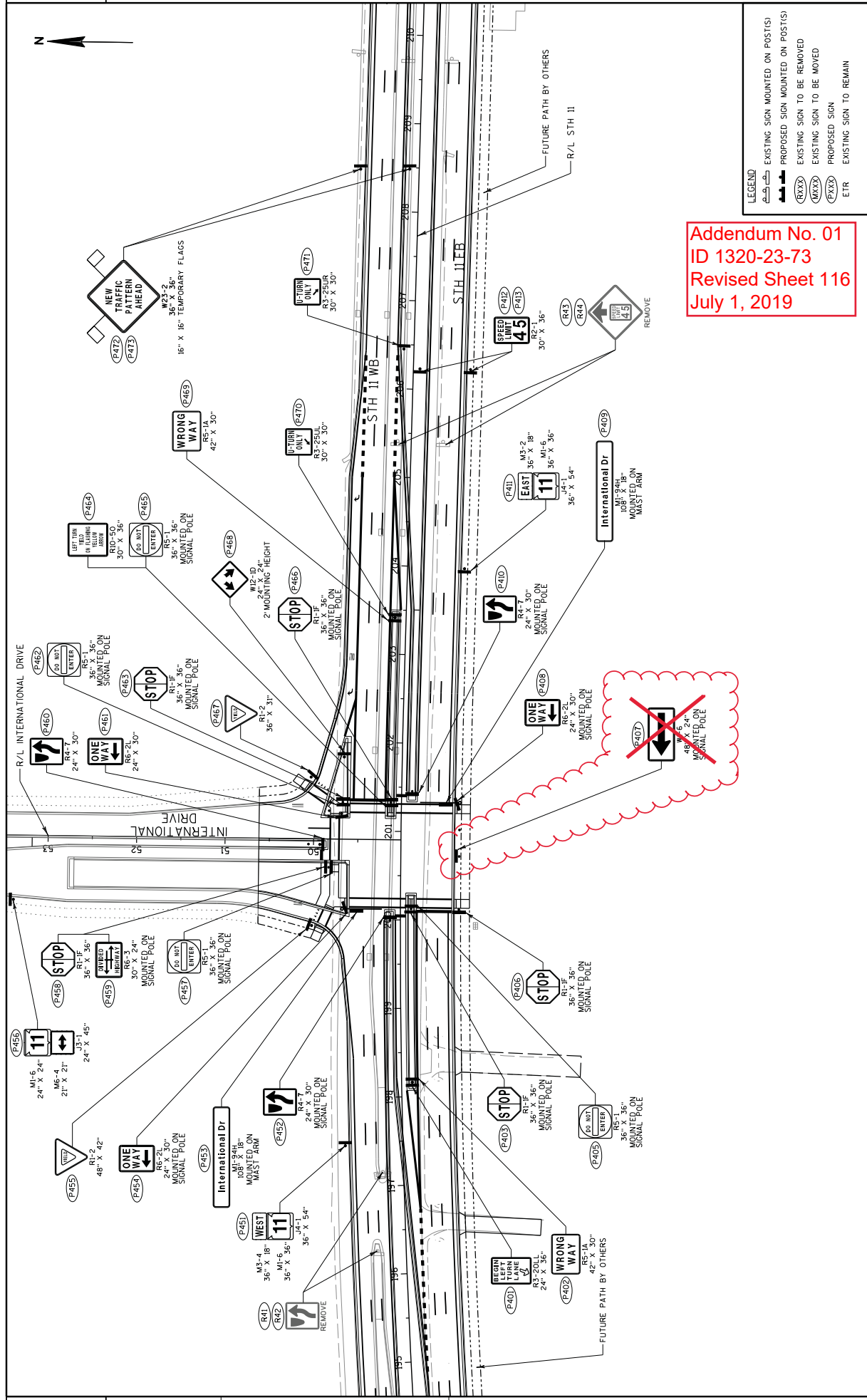
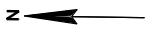
PLOT DATE : 6/27/2019
PLOT BY : mwolok
PLOT SCALE : 1:3200

Addendum No. 01
ID 1320-23-70
Revised Sheet 112
July 1, 2019



LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON POST(S)
	EXISTING SIGN TO BE REMOVED
	EXISTING SIGN TO BE MOVED
	PROPOSED SIGN TO REMAIN
	EXISTING SIGN TO REMAIN



LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON POST(S)
	EXISTING SIGN TO BE REMOVED
	EXISTING SIGN TO BE MOVED
	PROPOSED SIGN
	EXISTING SIGN TO REMAIN

Addendum No. 01
ID 1320-23-73
Revised Sheet 116
July 1, 2019

EARTHWORK

CATEGORY	DIVISION	ROADWAY	FROM / TO STATION	205.0100 EXCAVATION COMMON (1) (5)		SPV.0035.001 EBS EXCAVATION (2)		SPV.0035.002 EBS BACKFILL		SPV.0035.003 ROADWAY EMBANKMENT (3)		MASS ORDINATE +/- (4)
				CUT (CY)	TOPSOIL REMOVAL (CY)	CY	CY	CY	FILL (CY)	CY	CY	
1000	2	STH 11 EB STH 11 EB	150+00 to 176+50 UNDISTRIBUTED	6,735	11,000	0	0	20,364	31,364	0	-13,629	
				0	0	3,547	3,547	0	0	0	0	
				6,735	11,000	3,547	3,547	31,364	-13,629			
DIVISION 2 TOTAL				17,735								
1000	3/4	STH 11 MEDIAN STH 11 WB STH 11 WB	WEST OF 150+00 150+00 to 176+50 UNDISTRIBUTED	160	0	0	0	1,150	1,150	1,150	-990	
				10,838	0	0	0	5,057	5,057	5,781	5,781	
				0	0	2,168	2,168	0	0	0	0	
SUBTOTAL				10,998	0	2,168	2,168	6,207	6,207	4,791		
DIVISION 3 TOTAL				10,998								
PROJECT 1320-23-70 TOTALS				28,733		5,715	5,715	37,571	37,571		-8,838	

- 1) Cut Volume Includes Concrete and Asphaltic Surface Material.
- 2) EBS Excavation to be backfilled with EBS Backfill. All EBS Excavation material is assumed to be wasted offsite.
- 3) Roadway Embankment = Unexpanded Fill + Topsoil Removal Replaced
- 4) The Mass Ordinate + or - quantity calculated by Division. A positive quantity indicates an excess of material within the division and a negative number indicates a shortage of material within the division. Mass Ordinate = Cut+ Topsoil Removal-Embankment. The mass ordinate is for information purposes only as Common Excavation and Roadway Embankment are not balance for quantity purposes and does not guarantee the quality of Common Excavation, and if it can be reused onsite.
- 5) Topsoil thickness estimated, refer to Topsoil Removal Construction Detail

Addendum No. 01
ID 1320-23-70
Revised Sheet 231
July 1, 2019

PERMANENT SIGNING (CONTINUED)

SIGN #	SIGN CODE	SIGN SIZE		SIGN TYPE II REFLECTIVE H SF	SIGN TYPE II REFLECTIVE H FOLDING SF	SIGN TYPE II REFLECTIVE F 4X6-IN X 18 FT	SIGN MOUNTED ON SAME POST AS	EACH	REMARKS
		IN	IN						
P152	R4-7	24	X 30	5.00	--	--	--	--	ON SIGNAL POLE
P153	M1-94H	108	X 18	13.50	--	--	--	--	ON MAST ARM
P154	R10-50	30	X 36	7.50	--	--	P113, P155	--	ON SIGNAL POLE
P155	R5-1	36	X 36	9.00	--	--	P113, P154	--	ON SIGNAL POLE
P156	R6-2L	24	X 30	5.00	--	--	--	1	ON SIGNAL POLE
P157	W1-6	48	X 24	9.00	--	--	--	--	ON SIGNAL POLE
P159	R5-1	36	X 36	9.00	--	--	--	--	ON SIGNAL POLE
P160	R1-1F	36	X 36	--	7.46	--	--	--	ON SIGNAL POLE
P161	R1-1F	36	X 36	--	7.46	--	--	--	ON SIGNAL POLE
P201	J4-1	36	X 54	13.50	--	--	--	1	ON SIGNAL POLE
P202	R2-1	30	X 36	7.50	--	--	--	1	ON SIGNAL POLE
P203	R2-1	30	X 36	7.50	--	--	--	1	ON SIGNAL POLE
P204	R5-1	36	X 36	9.00	--	--	--	1	ON SIGNAL POLE
P205	R6-2R	24	X 30	5.00	--	--	--	1	ON SIGNAL POLE
P251	R5-1A	42	X 30	8.75	--	--	--	1	ON SIGNAL POLE
P252	R3-20LL	24	X 36	6.00	--	--	--	--	ON SIGNAL POLE
P253	R3-20L	24	X 36	6.00	--	--	--	1	ON SIGNAL POLE
P254	W23-2	36	X 36	--	9.00	--	--	1	2 - 16" X 16" TEMPORARY FLAGS
P255	W23-2	36	X 36	--	9.00	--	--	1	2 - 16" X 16" TEMPORARY FLAGS
P256	W3-3	36	X 36	--	9.00	--	--	1	2 - 16" X 16" TEMPORARY FLAGS
P257	W3-3	36	X 36	--	9.00	--	--	1	2 - 16" X 16" TEMPORARY FLAGS
P258	D1-65	138	X 30	28.75	--	--	--	3	ON SIGNAL POLE
P259	D1-65	138	X 30	28.75	--	--	--	3	ON SIGNAL POLE
P260	R6-2R	24	X 30	5.00	--	--	--	1	ON SIGNAL POLE
P261	R5-1	36	X 36	9.00	--	--	--	1	ON SIGNAL POLE
PROJECT 1320-23-70 TOTAL				359.00	59.68	44.00	--	38	

Addendum No. 01
 ID 1320-23-70
 Revised Sheet 241
 July 1, 2019

PAVEMENT MARKINGS

646.1020	646.1545	646.3545	646.5020	646.5120	646.6120	646.7420	646.8120	646.8220	646.8468
MARKING LINE EPOXY 4-INCH	MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH WHITE	MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH SOLID SKIP	MARKING ARROW EPOXY	MARKING WORD EPOXY "ONLY"	MARKING STOP LINE EPOXY 18-INCH TRANSVERSE LINE	MARKING CROSSWALK EPOXY 6-INCH	MARKING CURB EPOXY	MARKING ISLAND NOSE EPOXY	MARKING COLD WEATHER MARKING EPOXY 8-INCH
LOCATION	LF	LF	EACH	EACH	LF	LF	LF	EACH	LF
STH 11	2,487	2,473	1,247	130	947	130	47	7	--
STH 11	2,494	2,467	1,247	36	619	36	10	2	--
	4,981	4,940	2,494	166	1,566	166	57	9	--
SUBTOTAL									
UNDISTRIBUTED	--	--	--	--	--	--	--	--	12,415
PROJECT 1320-23-70 TOTAL	9,921	2,494	3	2	161	178	57	9	12,415
									1,732

MARKING REMOVAL

646.9000	646.9010	646.9110
MARKING REMOVAL LINE 4-INCH	MARKING REMOVAL LINE 4-INCH WATER BLASTING	MARKING REMOVAL LINE 8-INCH WATER BLASTING
LOCATION	LF	LF
STAGE 2A		
150+00 - 154+00	935	--
STAGE 2A SUBTOTAL	935	--
STAGE 2B		
150+00 - 161+00	1,030	--
STAGE 2B SUBTOTAL	1,030	--
STAGE 4		
176+50 - 180+50	1,590	--
STAGE 4 SUBTOTAL	1,590	--
STAGE 6		
173+50 - 176+50	514	--
STAGE 6 SUBTOTAL	514	--
STAGE 7		
150+00 - 176+50	2,767	585
STAGE 7 SUBTOTAL	2,767	585
UNDISTRIBUTED	533	88
PROJECT 1320-23-70 TOTAL	4,088	673

GEOGRID TYPE SR

645.0220	
GEOGRID TYPE SR	
SY	
UNDISTRIBUTED	5,500
PROJECT 1320-23-70 TOTAL	5,500

SAWCUTS

690.0150			
SAWING ASPHALT			
STATION	OFFSET	LOCATION	LF
STAGE 2			
153+43	RT	STH 11	10
STAGE 2 SUBTOTAL			10
PROJECT 1320-23-70 TOTAL			10

Addendum No. 01
ID 1320-23-70
Revised Sheet 251
July 1, 2019

Addendum No. 01
ID 1320-23-73
Revised Sheet 272
July 1, 2019

EARTHWORK

205.0100 EXCAVATION COMMON (1) (5) SPV.0035.001 EBS EXCAVATION (2) SPV.0035.002 EBS BACKFILL SPV.0035.003 ROADWAY EMBANKMENT (3)

CATEGORY	DIVISION	ROADWAY	FROM / TO STATION	CUT (CY)	TOPSOIL REMOVAL (CY)	EBS EXCAVATION (CY)	EBS BACKFILL (CY)	FILL (CY)	CY	MASS ORDINATE +/- (4)
1000	1A	STH 11 EB	196+75 to 206+00	692	0	0	0	0	0	692
		SUBTOTAL		692	0	0	0	0	0	692
		DIVISION 2 TOTAL		692	0	0	0	0	0	692
1000	2	STH 11 EB	176+50 to 195+00	1,583	6,000	0	0	25,656	31,656	-24,073
		STH 11 EB	UNDISTRIBUTED	0	0	1,517	1,517	0	0	0
		SUBTOTAL		1,583	6,000	1,517	1,517	0	31,656	-24,073
		DIVISION 2 TOTAL		1,583	6,000	1,517	1,517	0	31,656	-24,073
1000	3	STH 11 EB	195+00 to 210+00	2,045	4,000	0	0	9,623	13,623	-7,578
		STH 11 EB	UNDISTRIBUTED	0	0	1,209	1,209	0	0	0
		SUBTOTAL		2,045	4,000	1,209	1,209	0	13,623	-7,578
		DIVISION 3 TOTAL		2,045	4,000	1,209	1,209	0	13,623	-7,578
1000	5	STH 11 EB	210+00 to 234+00	26,777	2,000	0	0	2,594	4,594	24,184
		STH 11 EB	UNDISTRIBUTED	0	0	5,755	5,755	0	0	0
		SUBTOTAL		26,777	2,000	5,755	5,755	0	4,594	24,184
		DIVISION 5 TOTAL		26,777	2,000	5,755	5,755	0	4,594	24,184
1000	6	STH 11 WB	176+50 to 234+00	20,357	0	0	0	16,557	16,557	3,800
		STH 11 WB	UNDISTRIBUTED	0	0	4,071	4,071	0	0	0
		SUBTOTAL		20,357	0	4,071	4,071	0	16,557	3,800
		DIVISION 6 TOTAL		20,357	0	4,071	4,071	0	16,557	3,800
PROJECT 1320-23-73 TOTALS				63,453		12,552	12,552		66,429	-2,976

- 1) Cut Volume Includes Concrete and Asphaltic Surface Material
- 2) EBS Excavation to be backfilled with EBS Backfill. All EBS Excavation material is assumed to be wasted offsite.
- 3) Roadway Embankment = Unexpanded Fill + Topsoil Removal Replaced
- 4) The Mass Ordinate + or - quantity calculated by Division. A positive quantity indicates an excess of material within the division and a negative number indicates a shortage of material within the division. Mass Ordinate = Cut+EBS Exc+Topsoil Removal-Embankment. The mass ordinate is for information purposes only as Common Excavation and Roadway Embankment are not balance for quantity purposes and does not guarantee the quality of Common Excavation, and if it can be reused onsite.
- 5) Topsoil thickness estimated, refer to Topsoil Removal Construction Detail

PERMANENT SIGNING

SIGN #	SIGN CODE	SIGN SIZE IN IN	SIGN TYPE II REFLECTIVE H FOLDING		SIGN TYPE II REFLECTIVE F	POSTS WOOD	SIGN MOUNTED ON SAME POST AS	REMARKS
			SF	SF				
P301	R2-1	30 X 36	7.50	--	--	1	--	
P302	R2-1	30 X 36	7.50	--	--	1	--	
P303	D1-65	114 X 30	23.75	--	--	2	--	
P304	D1-65	90 X 21	13.13	--	--	2	--	8' MOUNTING HEIGHT
P305	W3-3	36 X 36	--	--	9.00	1	--	2 - 16" X 16" TEMPORARY FLAGS
P306	W3-3	36 X 36	--	--	9.00	1	--	2 - 16" X 16" TEMPORARY FLAGS
P307	W23-2	36 X 36	--	--	9.00	1	--	2 - 16" X 16" TEMPORARY FLAGS
P308	W23-2	36 X 36	--	--	9.00	1	--	2 - 16" X 16" TEMPORARY FLAGS
P309	R3-20L	24 X 36	6.00	--	--	1	--	
P351	R2-1	30 X 36	7.50	--	--	1	--	
P352	R2-1	30 X 36	7.50	--	--	1	--	
P353	R2-1	30 X 36	7.50	--	--	1	--	
P354	R2-1	30 X 36	7.50	--	--	1	--	
P401	R3-20LL	24 X 36	6.00	--	--	1	P402	
P402	R5-1A	42 X 30	8.75	--	--	--	P401	
P403	R1-1F	36 X 36	--	7.46	--	--	P405	ON SIGNAL POST
P405	R5-1	36 X 36	9.00	--	--	--	P403	ON SIGNAL POST
P406	R1-1F	36 X 36	--	7.46	--	--	--	ON SIGNAL POST
P407	W4-5	48 X 24	--	--	9.00	--	--	ON SIGNAL POST
P408	R6-2L	24 X 30	5.00	--	--	--	--	ON SIGNAL POST
P409	M1-94H	108 X 18	13.50	--	--	--	--	ON MAST ARM
P410	R4-7	24 X 30	5.00	--	--	--	--	ON SIGNAL POST
P411	J4-1	36 X 54	13.50	--	--	1	--	
P412	R2-1	30 X 36	7.50	--	--	1	--	
P413	R2-1	30 X 36	7.50	--	--	1	--	
P451	J4-1	36 X 54	13.50	--	--	1	--	
P452	R4-7	24 X 30	5.00	--	--	--	--	ON SIGNAL POST
P453	M1-94H	108 X 18	13.50	--	--	--	--	ON MAST ARM
P454	R6-2L	24 X 30	5.00	--	--	--	--	ON SIGNAL POST
P455	R1-2	48 X 42	7.00	--	--	1	--	
P456	J3-1	24 X 45	7.50	--	--	1	--	
P457	R5-1	36 X 36	9.00	--	--	--	P458, P459	ON SIGNAL POST
P458	R1-1F	36 X 36	--	7.46	--	--	P457, P459	ON SIGNAL POST
P459	R6-3	30 X 24	5.00	--	--	--	P457, P458	ON SIGNAL POST
P460	R4-7	24 X 30	5.00	--	--	1	--	

Addendum No. 01
 ID 1320-23-73
 Revised Sheet 295
 July 1, 2019

Continued on next page

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

SHEET: 295

MISCELLANEOUS QUANTITIES

COUNTY: RACINE

HWY: STH 11

PROJECT NO: 1320-23-73

S:\DOTDOT_365180045_Forearm_Local_Roads\Design\GN\Final\WIS 11\PlanSheet\13202270\13202373_MQ.plt

PLOT DATE: 6/26/2019 11:08:50 AM

PLOT BY: JONATHAN OLSON

PLOT NAME: 13202373_MQ

PLOT SCALE: 1:1

PERMANENT SIGNING (CONTINUED)

SIGN #	SIGN CODE	SIGN SIZE IN IN	SIGN TYPE II REFLECTIVE H	FOLDING SF	SIGN TYPE II REFLECTIVE H	SIGN TYPE II REFLECTIVE F	SIGN MOUNTED ON SAME POST AS	REMARKS
P653	R6-2R	24 X 30	5.00	--	--	1	--	
P654	R6-2R	24 X 30	5.00	--	--	1	--	
P655	R6-2R	24 X 30	5.00	--	--	1	--	
P656	R6-2R	24 X 30	5.00	--	--	1	--	
P657	R6-2R	24 X 30	5.00	--	--	1	--	
P658	R6-2R	24 X 30	5.00	--	--	1	--	
P659	R2-1	30 X 36	7.50	--	--	1	--	
P660	R2-1	30 X 36	7.50	--	--	1	--	
PROJECT 1320-23-73 TOTAL								65
								76.00

Addendum No. 01
 ID 1320-23-73
 Revised Sheet 297
 July 1, 2019

REMOVING SIGNS

SIGN #	REMOVING SIGNS TYPE II	SMALL SIGN SUPPORTS EACH	REMARKS
R41	1	1	MEDIAN KEEP RIGHT
R42	1	1	MEDIAN KEEP RIGHT
R43	1	1	SPEED LIMIT 45 AHEAD
R44	1	1	SPEED LIMIT 45 AHEAD
R51	1	1	SPEED LIMIT 55
R52	1	1	SPEED LIMIT 45
R53	1	1	SPEED LIMIT 45
R54	1	1	MEDIAN KEEP RIGHT
R55	1	1	MEDIAN KEEP RIGHT
R56	1	1	SPEED LIMIT 45
R57	1	1	SPEED LIMIT 45
R58	1	1	ALTERNATE SIDE PARKING REGULATIONS
R59	1	1	WARNING NEIGHBORHOOD WATCH
R61	1	2	VILLAGE OF STURTEVANT
R62	1	1	JCT/CTH H
R63	1	1	JCT/CTH H
R64	1	1	MEDIAN KEEP RIGHT
R65	1	1	MEDIAN KEEP RIGHT
R66	1	1	TRAFFIC SIGNAL AHEAD
R67	1	1	TRAFFIC SIGNAL AHEAD
PROJECT 1320-23-73 TOTAL			20
			21

RIPRAP

STA	ENDWALL ID	LOCATION	CY	SY
211+00	709	STH 11	2.5	14.6
214+00	731	STH 11	2.8	15.6
217+00	761	STH 11	2.8	15.6
219+36	787	STH 11	2.8	15.6
222+00	807	STH 11	2.8	15.6
224+50	829	STH 11	3.2	17.0
226+00	845	STH 11	2.5	14.6
228+25	851	STH 11	8.0	31.2
STAGE 5 SUBTOTAL			27.4	139.8
PROJECT 1320-23-73 TOTAL			27.4	139.8

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

PIPE UNDERDRAIN

SPV.0090.002
 PIPE UNDERDRAIN
 6-INCH SPECIAL
 LF

STATION TO STATION LOCATION	STH 11	8,600
176+50 - 134+00		
PROJECT 1320-23-73 TOTAL		8,600

NOTE:
 CONNECT PIPE UNDERDRAIN TO CURBLINE INLETS

SURVEY PROJECT

SPV.0105.002
 SURVEY
 PROJECT
 1320-23-73
 LS

LOCATION	1
PROJECT 1320-23-73 TOTAL	1

GEOGRID TYPE SR

645,0220
 GEOGRID
 TYPE SR
 SY

LOCATION	11,000
UNDISTRIBUTED	11,000
PROJECT 1320-23-73 TOTAL	11,000

REMOVAL AND DISPOSAL OF INVASIVE PLANT SPECIES

SPV.0170.001
 REMOVAL AND DISPOSAL
 OF INVASIVE PLANT
 SPECIES

LOCATION	10
PROJECT 1320-23-73	10
PROJECT 1320-23-73 TOTAL	10

REMOVING HEIGHT MODERNIZATION GEODETTIC SURVEY MONUMENT

204.9060.S.001
 REMOVING HEIGHT
 MODERNIZATION GEODETTIC
 SURVEY MONUMENT
 EACH

STA	OFFSET	LOCATION	EACH
230+25	20' LT	STH 11	1
PROJECT 1320-23-73 TOTAL			1

MOBILIZATIONS EMERGENCY PAVEMENT REPAIR

SPV.0060.009
 MOBILIZATIONS EMERGENCY
 PAVEMENT REPAIR

LOCATION	EA
PROJECT 1320-23-73	2
PROJECT 1320-23-73 TOTAL	2

Addendum No. 01
 ID 1320-23-73
 Revised Sheet 301
 July 1, 2019

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED

MISCELLANEOUS QUANTITIES

COUNTY: RACINE

HWY: STH 11

PROJECT NO: 1320-23-73

SHEET: 301

E

PLOT BY: J. JONATHAN OLSON PLOT NAME: 13202373_MQ PLOT SCALE: 1:1

PLOT DATE: 07/26/2019 11:28:29 AM

S:\DOT\DOT_365180045_Forecast\Local_Roads\Design\IGN\Final\WIS 11\IP\mshd\13202373\13202373_MQ.dgn



Proposal Schedule of Items

Proposal ID: 20190709005 Project(s): 1320-23-70, 1320-23-73

Federal ID(s): N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0210	628.7560 Tracking Pads	4.000 EACH	_____.	_____.
0212	628.7570 Rock Bags	130.000 EACH	_____.	_____.
0214	629.0210 Fertilizer Type B	61.500 CWT	_____.	_____.
0216	630.0140 Seeding Mixture No. 40	1,762.000 LB	_____.	_____.
0218	630.0200 Seeding Temporary	958.000 LB	_____.	_____.
0220	633.5200 Markers Culvert End	13.000 EACH	_____.	_____.
0222	634.0618 Posts Wood 4x6-Inch X 18-FT	103.000 EACH	_____.	_____.
0224	637.2210 Signs Type II Reflective H	926.010 SF	_____.	_____.
0226	637.2215 Signs Type II Reflective H Folding	96.980 SF	_____.	_____.
0228	637.2230 Signs Type II Reflective F	120.000 SF	_____.	_____.
0230	638.2102 Moving Signs Type II	1.000 EACH	_____.	_____.
0232	638.2602 Removing Signs Type II	23.000 EACH	_____.	_____.
0234	638.3000 Removing Small Sign Supports	24.000 EACH	_____.	_____.
0236	638.4000 Moving Small Sign Supports	1.000 EACH	_____.	_____.
0238	641.8100 Overhead Sign Support (structure) 001. S-51-258	LS	LUMP SUM	_____.
0240	643.0300 Traffic Control Drums	89,388.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709005 Project(s): 1320-23-70, 1320-23-73

Federal ID(s): N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0398	690.0250 Sawing Concrete	33.000 LF	_____.	_____.
0400	715.0415 Incentive Strength Concrete Pavement	24,941.000 DOL	1.00000	24,941.00
0402	715.0710 Optimized Aggregate Gradation Incentive	109,737.000 DOL	1.00000	109,737.00
0404	740.0440 Incentive IRI Ride	19,350.000 DOL	1.00000	19,350.00
0406	SPV.0035 Special 001. EBS Excavation	18,267.000 CY	_____.	_____.
0408	SPV.0035 Special 002. EBS Backfill	18,267.000 CY	_____.	_____.
0410	SPV.0035 Special 003. Roadway Embankment	104,000.000 CY	_____.	_____.
0412	SPV.0045 Special 001. Portable Speed Trailer	754.000 DAY	_____.	_____.
0414	SPV.0055 Special 001. Maintain Field Office Left In Place Special Utility Fees Project 1320-23-70	30,000.000 DOL	_____.	_____.
0416	SPV.0060 Special 002. Temporary Stone Ditch Checks	30.000 EACH	_____.	_____.
0418	SPV.0060 Special 003. Sand Bags	200.000 EACH	_____.	_____.
0420	SPV.0060 Special 004. Temporary Sediment Traps	15.000 EACH	_____.	_____.
0422	SPV.0060 Special 009. Mobilizations Emergency Pavement Repair	4.000 EACH	_____.	_____.
0424	SPV.0060 Special 010. Section Corner Monuments	1.000 EACH	_____.	_____.
0426	SPV.0060 Special 012. Removing Cover Plates Left In Place	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709005 Project(s): 1320-23-70, 1320-23-73

Federal ID(s): N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0456	SPV.0105 Special 306. Transport & Install State Furnished Traf Signal Cabinet STH 11 & WVW	LS	LUMP SUM	_____.
0458	SPV.0105 Special 307. Transport & Install State Furnished Radar Det Sys STH 11 & WVW	LS	LUMP SUM	_____.
0460	SPV.0105 Special 308. Trns & Install State Furn EVP Det Heads w/Conf Beacons STH 11 & WVW	LS	LUMP SUM	_____.
0462	SPV.0105 Special 309. Trns & Install Traf Sig, Monotube, & Intsec Lighting Materials STH & WVW	LS	LUMP SUM	_____.
0464	SPV.0105 Special 311. Trns & Install State Furn Traf Sig Cabinet STH 11 & International Dr	LS	LUMP SUM	_____.
0466	SPV.0105 Special 312. Trns & Install State Furn Radar Det Sys STH 11 & International Dr	LS	LUMP SUM	_____.
0468	SPV.0105 Special 313. Trns & Install State Furn EVP Det Heads w/Conf Beacons STH 11 & Intern'l Dr	LS	LUMP SUM	_____.
0470	SPV.0105 Special 314. Trns & Install Traf Sig Monotube, & Int Lighting Material STH 11 & Int'l Dr	LS	LUMP SUM	_____.
0472	SPV.0135 Special 001. Maintain Field Office Left In Place Special Project 1320-23-70	13.000 MON	_____.	_____.
0474	SPV.0170 Special 001. Removal and Disposal of Invasive Plant Species	15.000 STA	_____.	_____.
0476	SPV.0180 Special 001. Topsoil Special	97,833.000 SY	_____.	_____.
0478	645.0220 Geogrid Type SR	16,500.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709005 **Project(s):** 1320-23-70, 1320-23-73

Federal ID(s): N/A, N/A

Section: 0001

Total: _____.

Total Bid: _____.