



Wisconsin Department of Transportation

September 1, 2016

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
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NOTICE TO ALL CONTRACTORS:

**Proposal #4: 2140-13-70, WISC 2016 306
N. 76th Street, City of Milwaukee
Grantosa Drive to Florist Avenue
STH 181
Milwaukee County**

Letting of September 13, 2016

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

Schedule of Items

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
608.3012	Storm Sewer Pipe Class III-A 12-Inch	LF	0	793	793

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	755	0	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
259	Miscellaneous Quantity (Revised Storm Sewer Quantities and Pay Item)

Schedule of Items

Attached, dated September 1, 2016, are the revised Schedule of Items Pages 1 – 27.

Plan Sheets

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

Revised: 259

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

STORM SEWER SUMMARY

ITEM NUMBER	ITEM	QUANTITY
608.3012	Storm Sewer Pipe Class III-A 12-Inch	793
611.0530	Manhole Covers Type J	5
611.0606	Inlet Covers Type B	1
611.0610	Inlet Covers Type BW	2
611.0624	Inlet Covers Type H	27
611.0642	Inlet Covers Type HS	2
611.2004	Manholes 4-FT Diameter	3
611.3220	Inlets 2x2-FT	2
611.3225	Inlets 2x2.5-FT	2
611.3230	Inlets 2x3-FT	26
611.3901	Inlets Median 1 Gate	2

RECONSTRUCTING MANHOLES

STRUCTURE NO.	STATION	OFFSET	611.0420 EACH
200	116+99	35' LT	1
201	119+34	102' RT	1
202	124+09	61' LT	1
203	124+19	61' RT	1
204	100+97 C	14' LT	1
PROJECT TOTAL			5

RECONSTRUCTING INLETS

STRUCTURE NO.	STATION	OFFSET	611.0430 EACH
100	95+36	4' LT	1
101	100+50	0' RT	1
102	126+23	6' LT	1
103	107+07 B	2' RT	1
104	105+40 D	2' RT	1
PROJECT TOTAL			5

COVER PLATES TEMPORARY

STATION	OFFSET	611.8120.S EACH	
115+80.00	5' RT	1	
101+22.00	4' RT	1	
122+45.50	5' LT	1	
126+23.00	6' LT	1	
PROJECT TOTAL			4

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ADJUSTING MANHOLE COVERS

STRUCTURE NO.	STATION	OFFSET	611.8110 EACH	COVER PLATES TEMPORARY *611.8120.S EACH
500	87+52	43' RT	1	1
501	89+85	43' RT	1	1
502	91+24	43' RT	1	1
503	93+50	43' RT	1	1
504	93+49	91' RT	1	1
505	93+95	33' LT	1	1
506	97+06	32' LT	1	1
507	97+40	56' LT	1	1
508	98+05	32' LT	1	1
509	98+19	36' RT	1	1
510	99+13	35' RT	1	1
511	100+49	37' RT	1	1
512	101+56	35' RT	1	1
513	106+46	34' LT	1	1
514	108+84	34' LT	1	1
515	109+20	35' LT	1	1
516	109+56	21' RT	1	1
517	110+07	21' RT	1	1
518	110+45	35' LT	1	1
519	110+66	35' RT	1	1
520	112+07	34' LT	1	1
521	112+56	36' RT	1	1
522	112+86	34' LT	1	1
523	114+64	35' RT	1	1
524	114+95	35' LT	1	1
525	115+56	34' LT	1	1
526	126+78	35' LT	1	1
527	126+86	62' RT	1	1
528	126+86	25' RT	1	1
529	130+04	25' RT	1	1
530	130+15	36' LT	1	1
531	132+93	36' LT	1	1
532	133+23	27' RT	1	1
533	133+90	36' LT	1	1
534	134+81	24' RT	1	1
535	134+80	36' LT	1	1
536	135+94	24' RT	1	1
537	135+94	36' LT	1	1
538	137+08	24' RT	1	1
539	137+09	36' LT	1	1
540	138+25	24' RT	1	1
541	138+20	36' LT	1	1
542	139+49	25' RT	1	1
543	139+50	36' LT	1	1
544	139+80	24' RT	1	1
545	141+19	24' RT	1	1
546	141+20	36' LT	1	1
547	142+19	25' RT	1	1
548	142+19	36' LT	1	1
549	143+13	24' RT	1	1
550	143+15	36' LT	1	1
551	143+49	65' LT	1	1
552	145+53	27' LT	1	1
553	145+99	26' LT	1	1
554	146+38	22' RT	1	1
555	146+75	27' LT	1	1
556	109+20	65' LT	1	1
557	133+25	36' LT	1	1
558	98+45	69' LT	1	1
PROJECT TOTAL			59	58

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ADJUSTING INLET COVERS

STRUCTURE NO.	STATION	OFFSET	611.8115 EACH
400	87+28	48' LT	1
401	87+49	48' RT	1
402	90+71	48' LT	1
403	90+77	48' RT	1
404	94+06	48' LT	1
405	94+06	48' RT	1
406	99+20	46' RT	1
407	101+56	46' RT	1
408	106+84	48' LT	1
409	109+57	40' RT	1
410	110+07	40' RT	1
411	110+39	48' LT	1
412	110+70	51' RT	1
413	110+89	48' LT	1
414	112+60	48' LT	1
415	112+57	48' RT	1
416	115+55	48' RT	1
417	115+59	48' LT	1
418	126+42	48' LT	1
419	126+41	48' RT	1
420	129+99	48' LT	1
421	129+99	48' RT	1
422	132+57	48' LT	1
424	132+82	48' RT	1
425	134+47	48' LT	1
426	134+51	48' RT	1
427	136+01	48' LT	1
428	136+06	48' RT	1
429	137+56	48' LT	1
430	137+64	48' RT	1
431	139+10	48' LT	1
432	139+16	48' RT	1
433	141+09	48' RT	1
434	142+23	48' LT	1
435	142+50	48' RT	1
436	143+10	48' LT	1
437	143+50	48' RT	1
438	144+64	48' RT	1
439	145+73	48' LT	1
440	145+79	48' RT	1
441	146+00	4' LT	1
442	104+00 B	2' RT	1
443	106+74 D	2' RT	1
444	169+50 A	7' LT	1
PROJECT TOTAL			44

SALVAGED INLET COVERS

STRUCTURE NO.	STATION	OFFSET	611.9710 EACH
102	126+23	6' LT	1
PROJECT TOTAL			1

ALL QUANTITIES ARE CATEGORY 10 UNLESS OTHERWISE NOTED

SHEET 259

MISCELLANEOUS QUANTITIES

COUNTY: MILWAUKEE

HWY: STH 181

PROJECT NO: 2140-13-70

FILE NAME: \$\$\$...des\gwf\le...\$\$

PLOT DATE: \$\$\$...plot\ingdate...\$\$

PLOT BY: \$\$\$...plotuser...\$\$

PLOT SCALE: \$\$\$...plot\scale...\$\$ WISDOT/CADD SHEET 43

Addendum No. 02
ID 2140-13-70
Revised Sheet 259
September 1, 2016

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160913004PROJECT(S):
2140-13-70FEDERAL ID(S):
WISC 2016306

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 Contract Items

0010	201.0105 Clearing	4.000 STA	.	.	.	.
0020	201.0120 Clearing	149.000 ID	.	.	.	.
0030	201.0205 Grubbing	4.000 STA	.	.	.	.
0040	201.0220 Grubbing	149.000 ID	.	.	.	.
0050	203.0200 Removing Old Structure (station) 01. STA. 121+05	LUMP	LUMP	.	.	.
0060	203.0225.S Debris Containment (structure) 01. B-40-766	LUMP	LUMP	.	.	.
0070	204.0100 Removing Pavement	16,927.000 SY	.	.	.	.
0080	204.0125 Removing Asphaltic Surface Milling	8,433.000 TON	.	.	.	.
0090	204.0150 Removing Curb & Gutter	3,158.000 LF
0100	204.0155 Removing Concrete Sidewalk	5,305.000 SY

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	204.0165 Removing Guardrail	140.000 LF	.	.	.	.
0120	204.0170 Removing Fence	140.000 LF	.	.	.	.
0130	204.0195 Removing Concrete Bases	19.000 EACH	.	.	.	.
0140	204.0210 Removing Manholes	3.000 EACH	.	.	.	.
0150	204.0220 Removing Inlets	18.000 EACH	.	.	.	.
0160	204.0245 Removing Storm Sewer (size) 01. 12-Inch	808.000 LF	.	.	.	.
0170	205.0100 Excavation Common	10,632.000 CY	.	.	.	.
0180	206.1000 Excavation for Structures Bridges (structure) 01. B-40-766	LUMP	LUMP	.	.	.
0190	208.0100 Borrow	8,987.000 CY	.	.	.	.
0200	209.0100 Backfill Granular	2,690.000 CY
0210	209.0200.S Backfill Controlled Low Strength	20.000 CY

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	210.0100 Backfill Structure	440.000 CY	.	.	.	.
0230	213.0100 Finishing Roadway (project) 01. Project ID 2140-13-70	1.000 EACH	.	.	.	.
0240	305.0120 Base Aggregate Dense 1 1/4-Inch	10,410.000 TON	.	.	.	.
0250	310.0110 Base Aggregate Open-Graded	162.000 TON	.	.	.	.
0260	311.0110 Breaker Run	1,800.000 TON	.	.	.	.
0270	320.0155 Concrete Base 9-Inch	419.000 SY	.	.	.	.
0280	390.0303 Base Patching Concrete	2,486.000 SY	.	.	.	.
0290	390.0403 Base Patching Concrete Shes	131.000 SY	.	.	.	.
0300	415.0070 Concrete Pavement 7-Inch	5,495.000 SY	.	.	.	.
0310	415.0095 Concrete Pavement 9 1/2-Inch	8,217.000 SY
0320	415.0210 Concrete Pavement Gaps	3.000 EACH

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			DOLLARS	CTS	DOLLARS	CTS
0330	415.0410 Concrete Pavement Approach Slab	314.000 SY
0340	415.1095 Concrete Pavement HES 9 1/2-Inch	350.000 SY	.	.	.	.
0350	416.0270 Concrete Driveway HES 7-Inch	400.000 SY	.	.	.	.
0360	416.0610 Drilled Tie Bars	3,528.000 EACH	.	.	.	.
0370	416.0620 Drilled Dowel Bars	10,080.000 EACH	.	.	.	.
0380	440.4410 Incentive IRI Ride	8,650.000 DOL	1.00000		8650.00	
0390	455.0605 Tack Coat	9,124.000 GAL	.	.	.	.
0400	460.2000 Incentive Density HMA Pavement	6,350.000 DOL	1.00000		6350.00	
0410	465.0120 Asphaltic Surface Driveways and Field Entrances	42.000 TON	.	.	.	.
0420	465.0125 Asphaltic Surface Temporary	317.000 TON
0430	502.0100 Concrete Masonry Bridges	1,105.000 CY

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0440	502.2000 Compression Joint Sealer Preformed Elastomeric (width) 01. 2 1/4 Inch	161.000 LF	.	.	.	.
0450	502.3200 Protective Surface Treatment	2,066.000 SY	.	.	.	.
0460	502.3210 Pigmented Surface Sealer	126.000 SY	.	.	.	.
0470	505.0400 Bar Steel Reinforcement HS Structures	17,590.000 LB	.	.	.	.
0480	505.0600 Bar Steel Reinforcement HS Coated Structures	172,290.000 LB	.	.	.	.
0490	505.0800.S Bar Steel Reinforcement HS Stainless Structures	3,940.000 LB	.	.	.	.
0500	506.0605 Structural Steel HS	332,140.000 LB	.	.	.	.
0510	506.2605 Bearing Pads Elastomeric Non-Laminated	36.000 EACH	.	.	.	.
0520	506.3015 Welded Stud Shear Connectors 7/8x6-Inch	8,448.000 EACH
0530	506.4000 Steel Diaphragms (structure) 01. B-40-766	80.000 EACH

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0540	506.5000 Bearing Assemblies Fixed (structure) 01. B-40-766	18.000 EACH	.	.	.	.
0550	511.1200 Temporary Shoring (structure) 01. B-40-766	998.000 SF	.	.	.	.
0560	513.4091 Railing Tubular Screening (structure) 01. B-40-766	317.000 LF	.	.	.	.
0570	516.0500 Rubberized Membrane Waterproofing	52.000 SY	.	.	.	.
0580	517.0600 Painting Epoxy System (structure) 01. B-40-766	LUMP	LUMP	.	.	.
0590	532.0750.S Temporary Wall Wire Faced Mechanically Stabilized Earth	1,631.000 SF	.	.	.	.
0600	550.2106 Piling CIP Concrete 10 3/4 X 0. 365-Inch	5,400.000 LF	.	.	.	.
0610	601.0110 Concrete Curb Type D	18.000 LF	.	.	.	.
0620	601.0409 Concrete Curb & Gutter 30-Inch Type A	8,259.000 LF
0630	601.0411 Concrete Curb & Gutter 30-Inch Type D	176.000 LF

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0640	601.0600 Concrete Curb Pedestrian	21.000 LF	.	.	.	.
0650	602.0410 Concrete Sidewalk 5-Inch	43,791.000 SF	.	.	.	.
0660	602.0505 Curb Ramp Detectable Warning Field Yellow	704.000 SF	.	.	.	.
0670	602.1500 Concrete Steps	16.000 SF	.	.	.	.
0680	603.1142 Concrete Barrier Type S42	21.000 LF	.	.	.	.
0690	603.1156 Concrete Barrier Type S56	228.000 LF	.	.	.	.
0700	603.3559 Concrete Barrier Transition Type S42 to S56	2.000 EACH	.	.	.	.
0710	603.8000 Concrete Barrier Temporary Precast Delivered	3,687.000 LF	.	.	.	.
0720	603.8125 Concrete Barrier Temporary Precast Installed	3,687.000 LF	.	.	.	.
0730	604.0400 Slope Paving Concrete	674.000 SY
0750	611.0420 Reconstructing Manholes	5.000 EACH

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0760	611.0430 Reconstructing Inlets	EACH 5.000	.		.	
0770	611.0530 Manhole Covers Type J	EACH 5.000	.		.	
0780	611.0606 Inlet Covers Type B	EACH 1.000	.		.	
0790	611.0610 Inlet Covers Type BW	EACH 2.000	.		.	
0800	611.0624 Inlet Covers Type H	EACH 27.000	.		.	
0810	611.0642 Inlet Covers Type MS	EACH 2.000	.		.	
0820	611.2004 Manholes 4-FT Diameter	EACH 3.000	.		.	
0830	611.3220 Inlets 2x2-FT	EACH 2.000	.		.	
0840	611.3225 Inlets 2x2.5-FT	EACH 2.000	.		.	
0850	611.3230 Inlets 2x3-FT	EACH 26.000	.		.	
0860	611.3901 Inlets Median 1 Grate	EACH 2.000	.		.	

SCHEDULE OF ITEMS

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0870	611.8110 Adjusting Manhole Covers	59.000 EACH	.		.	
0880	611.8115 Adjusting Inlet Covers	44.000 EACH	.		.	
0890	611.8120.S Cover Plates Temporary	91.000 EACH	.		.	
0900	611.9710 Salvaged Inlet Covers	1.000 EACH	.		.	
0910	612.0406 Pipe Underdrain Wrapped 6-Inch	744.000 LF	.		.	
0920	614.0805 Crash Cushions Permanent Low Maintenance	2.000 EACH	.		.	
0930	614.0905 Crash Cushions Temporary	10.000 EACH	.		.	
0940	614.2300 MGS Guardrail 3	25.000 LF	.		.	
0950	614.2500 MGS Thrie Beam Transition	78.660 LF	.		.	
0960	614.2610 MGS Guardrail Terminal EAT	2.000 EACH	.		.	
0970	616.0204 Fence Chain Link 4-FT	140.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0980	616.0700.S Fence Safety	200.000 LF
0990	619.1000 Mobilization	1.000 EACH
1000	620.0300 Concrete Median Sloped Nose	218.000 SF	.	.	.	.
1010	624.0100 Water	90.000 MGAL	.	.	.	.
1020	625.0100 Topsoil	12,766.000 SY	.	.	.	.
1030	628.1504 Silt Fence	2,863.000 LF	.	.	.	.
1040	628.1520 Silt Fence Maintenance	2,863.000 LF	.	.	.	.
1050	628.1905 Mobilizations Erosion Control	4.000 EACH	.	.	.	.
1060	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	.	.	.	.
1070	628.2008 Erosion Mat Urban Class I Type B	4,804.000 SY
1080	628.7005 Inlet Protection Type A	41.000 EACH

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1090	628.7010 Inlet Protection Type B	55.000 EACH	.		.	
1100	628.7015 Inlet Protection Type C	39.000 EACH	.		.	
1110	628.7020 Inlet Protection Type D	13.000 EACH	.		.	
1120	628.7560 Tracking Pads	4.000 EACH	.		.	
1130	628.7570 Rock Bags	50.000 EACH	.		.	
1140	629.0210 Fertilizer Type B	2.800 CWT	.		.	
1150	630.0140 Seeding Mixture No. 40	81.000 LB	.		.	
1160	631.0300 Sod Water	195.000 MGAL	.		.	
1170	631.1000 Sod Lawn	8,678.000 SY	.		.	
1180	633.0200 Delineators Flexible	2.000 EACH	.		.	
1190	634.0618 Posts Wood 4x6-Inch X 18-FT	17.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1200	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	121.000 EACH	.	.	.	.
1210	637.2210 Signs Type II Reflective H	1,469.580 SF	.	.	.	.
1220	637.2215 Signs Type II Reflective H Folding	177.120 SF	.	.	.	.
1230	637.2230 Signs Type II Reflective F	295.500 SF	.	.	.	.
1240	638.2102 Moving Signs Type II	1.000 EACH	.	.	.	.
1250	638.2602 Removing Signs Type II	154.000 EACH	.	.	.	.
1260	638.3000 Removing Small Sign Supports	66.000 EACH	.	.	.	.
1270	642.5201 Field Office Type C	1.000 EACH	.	.	.	.
1280	643.0100 Traffic Control (project) 01. Project ID 2140-13-70	1.000 EACH	.	.	.	.
1290	643.0300 Traffic Control Drums	134,970.000 DAY
1300	643.0410 Traffic Control Barricades Type II	2,346.000 DAY

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1310	643.0420 Traffic Control Barricades Type III	41,144.000 DAY	.	.	.	.
1320	643.0500 Traffic Control Flexible Tubular Marker Posts	26.000 EACH	.	.	.	.
1330	643.0600 Traffic Control Flexible Tubular Marker Bases	26.000 EACH	.	.	.	.
1340	643.0705 Traffic Control Warning Lights Type A	73,153.000 DAY	.	.	.	.
1350	643.0715 Traffic Control Warning Lights Type C	26,285.000 DAY	.	.	.	.
1360	643.0900 Traffic Control Signs	60,664.000 DAY	.	.	.	.
1370	643.0920 Traffic Control Covering Signs Type II	16.000 EACH	.	.	.	.
1380	643.1000 Traffic Control Signs Fixed Message	285.000 SF	.	.	.	.
1390	643.1050 Traffic Control Signs PCMS	320.000 DAY	.	.	.	.
1400	643.2000 Traffic Control Detour (project) 01. Project ID 2140-13-70	1.000 EACH
1410	643.3000 Traffic Control Detour Signs	7,728.000 DAY

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1420	644.1410.S Temporary Pedestrian Surface Asphalt	480.000 SF	.	.	.	.
1430	644.1420.S Temporary Pedestrian Surface Plywood	80.000 SF	.	.	.	.
1440	644.1601.S Temporary Curb Ramp	36.000 EACH	.	.	.	.
1450	646.0106 Pavement Marking Epoxy 4-Inch	8,271.000 LF	.	.	.	.
1460	646.0600 Removing Pavement Markings	1,784.000 LF	.	.	.	.
1470	646.0841.S Pavement Marking Grooved Wet Reflective Contrast Tape 4-Inch	475.000 LF	.	.	.	.
1480	646.0843.S Pavement Marking Grooved Wet Reflective Contrast Tape 8-Inch	1,221.000 LF	.	.	.	.
1490	646.0881.S Pavement Marking Grooved Wet Reflective Tape 4-Inch	2,300.000 LF	.	.	.	.
1500	646.0883.S Pavement Marking Grooved Wet Reflective Tape 8-Inch	2,768.000 LF
1510	647.0606 Pavement Marking Island Nose Epoxy	20.000 EACH

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			DOLLARS	CTS	DOLLARS	CTS
1520	647.0726 Pavement Marking Diagonal Epoxy 12-Inch	330.000 LF
1530	647.0955 Removing Pavement Markings Arrows	1.000 EACH	.	.	.	.
1540	647.0965 Removing Pavement Markings Words	1.000 EACH	.	.	.	.
1550	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	32,710.000 LF	.	.	.	.
1560	649.0801 Temporary Pavement Marking Removable Tape 8-Inch	630.000 LF	.	.	.	.
1570	649.1200 Temporary Pavement Marking Stop Line Removable Tape 18-Inch	140.000 LF	.	.	.	.
1580	649.1600 Temporary Pavement Marking Diagonal Removable Tape 12-Inch	150.000 LF	.	.	.	.
1590	650.4000 Construction Staking Storm Sewer	35.000 EACH	.	.	.	.
1600	650.4500 Construction Staking Subgrade	3,232.000 LF	.	.	.	.
1610	650.5500 Construction Staking Curb Gutter and Curb & Gutter	2,798.000 LF	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160913004

PROJECT(S):
2140-13-70

FEDERAL ID(S):
WISC 2016306

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1620	650.6500 Construction Staking Structure Layout (structure) 01. B-40-766	LUMP	LUMP			.
1630	650.6500 Construction Staking Structure Layout (structure) 02. R-40-604	LUMP	LUMP			.
1640	650.6500 Construction Staking Structure Layout (structure) 03. R-40-605	LUMP	LUMP			.
1650	650.7000 Construction Staking Concrete Pavement	LF	3,232.000	.		.
1660	650.7500 Construction Staking Concrete Barrier	LF	298.000	.		.
1670	650.8000 Construction Staking Resurfacing Reference	LF	4,905.000	.		.
1680	650.8500 Construction Staking Electrical Installations (project) 01. Project ID 2140-13-70	LUMP	LUMP			.
1690	650.9910 Construction Staking Supplemental Control (project) 01. Project ID 2140-13-70	LUMP	LUMP			.
1700	650.9920 Construction Staking Slope Stakes	LF	3,232.000	.		.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1710	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	1,245.000 LF	.	.	.	.
1720	652.0230 Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	7,862.000 LF	.	.	.	.
1730	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	2,369.000 LF	.	.	.	.
1740	652.0405 Conduit Reinforced Thermosetting Resin 2-Inch	350.000 LF	.	.	.	.
1750	652.0610 Conduit Special 2 1/2-Inch	275.000 LF	.	.	.	.
1760	652.0700.S Install Conduit into Existing Item	2.000 EACH	.	.	.	.
1770	652.0800 Conduit Loop Detector	4,150.000 LF	.	.	.	.
1780	653.0135 Pull Boxes Steel 24x36-Inch	6.000 EACH	.	.	.	.
1790	653.0140 Pull Boxes Steel 24x42-Inch	26.000 EACH	.	.	.	.
1800	653.0222 Junction Boxes 18x12x6-Inch	4.000 EACH
1810	653.0905 Removing Pull Boxes	23.000 EACH

SCHEDULE OF ITEMS

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1820	654.0101 Concrete Bases Type 1	14.000 EACH	.	.	.	.
1830	654.0110 Concrete Bases Type 10	4.000 EACH	.	.	.	.
1840	654.0113 Concrete Bases Type 13	2.000 EACH	.	.	.	.
1850	654.0217 Concrete Control Cabinet Bases Type 9 Special	2.000 EACH	.	.	.	.
1860	655.0230 Cable Traffic Signal 5-14 AWG	982.000 LF	.	.	.	.
1870	655.0240 Cable Traffic Signal 7-14 AWG	1,783.000 LF	.	.	.	.
1880	655.0260 Cable Traffic Signal 12-14 AWG	2,473.000 LF	.	.	.	.
1890	655.0280 Cable Traffic Signal 19-14 AWG	688.000 LF	.	.	.	.
1900	655.0515 Electrical Wire Traffic Signals 10 AWG	8,828.000 LF	.	.	.	.
1910	655.0525 Electrical Wire Traffic Signals 6 AWG	688.000 LF
1920	655.0700 Loop Detector Lead In Cable	13,827.000 LF

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1930	655.0800 Loop Detector Wire	13,594.000 LF	.	.	.	.
1940	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. CB1 - STH 181 & CTH E	LUMP	LUMP	.	.	.
1950	656.0200 Electrical Service Meter Breaker Pedestal (location) 02. Temporary STH 181 & CTH E EB Ramps	LUMP	LUMP	.	.	.
1960	657.0100 Pedestal Bases	14.000 EACH	.	.	.	.
1970	657.0405 Traffic Signal Standards Aluminum 3. 5-FT	2.000 EACH	.	.	.	.
1980	657.0420 Traffic Signal Standards Aluminum 13-FT	4.000 EACH	.	.	.	.
1990	657.0425 Traffic Signal Standards Aluminum 15-FT	2.000 EACH	.	.	.	.
2000	657.0430 Traffic Signal Standards Aluminum 10-FT	6.000 EACH	.	.	.	.
2010	657.1345 Install Poles Type 9	4.000 EACH
2020	657.1355 Install Poles Type 12	2.000 EACH

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2030	657.1530 Install Monotube Arms 30-FT	EACH 4.000	.		.	
2040	657.1545 Install Monotube Arms 45-FT	EACH 2.000	.		.	
2050	657.6005.S Anchor Assemblies Light Poles on Structures	EACH 4.000	.		.	
2060	658.0110 Traffic Signal Face 3-12 Inch Vertical	EACH 19.000	.		.	
2070	658.0115 Traffic Signal Face 4-12 Inch Vertical	EACH 5.000	.		.	
2080	658.0215 Backplates Signal Face 3 Section 12-Inch	EACH 19.000	.		.	
2090	658.0220 Backplates Signal Face 4 Section 12-Inch	EACH 5.000	.		.	
2100	658.0416 Pedestrian Signal Face 16-Inch	EACH 12.000	.		.	
2110	658.0500 Pedestrian Push Buttons	EACH 14.000	.		.	
2120	658.0600 Led Modules 12-Inch Red Ball	EACH 18.000	.		.	
2130	658.0605 Led Modules 12-Inch Yellow Ball	EACH 18.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2140	658.0610 Led Modules 12-Inch Green Ball	18.000 EACH	.		.	
2150	658.0615 Led Modules 12-Inch Red Arrow	6.000 EACH	.		.	
2160	658.0620 Led Modules 12-Inch Yellow Arrow	10.000 EACH	.		.	
2170	658.0625 Led Modules 12-Inch Green Arrow	7.000 EACH	.		.	
2180	658.0635 Led Modules Pedestrian Countdown Timer 16-Inch	12.000 EACH	.		.	
2190	658.5069 Signal Mounting Hardware (location) 01. STH 181 & CTH E	LUMP	LUMP		.	
2200	661.0200 Temporary Traffic Signals for Intersections (location) 01. STH 181 & CTH E WB Ramps	LUMP	LUMP		.	
2210	661.0200 Temporary Traffic Signals for Intersections (location) 02. STH 181 & CTH E EB Ramps	LUMP	LUMP		.	
2220	661.0300 Generators	4.000 DAY	.		.	
2230	670.0100 Field System Integrator	LUMP	LUMP		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2240	670.0200 ITS Documentation	LUMP	LUMP			.
2250	671.0112 Conduit HDPE 1-Duct 2-Inch	LF	3,880.000	.		.
2260	671.0212 Conduit HDPE Directional Bore 1-Duct 2-Inch	LF	1,220.000	.		.
2270	673.0105 Communication Vault Type 1	EACH	9.000	.		.
2280	678.0036 Install Fiber Optic Cable Outdoor Plant 36-CT	LF	6,495.000	.		.
2290	678.0200 Fiber Optic Splice Enclosure	EACH	3.000	.		.
2300	678.0300 Fiber Optic Splice	EACH	84.000	.		.
2310	678.0400 Fiber Optic Termination	EACH	12.000	.		.
2320	678.0500 Communication System Testing	LUMP	LUMP			.
2330	690.0150 Sawing Asphalt	LF	1,872.000	.		.
2340	690.0250 Sawing Concrete	LF	6,045.000	.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2350	715.0415 Incentive Strength Concrete Pavement	970.000 DOL	1.00000		970.00	
2360	715.0502 Incentive Strength Concrete Structures	6,630.000 DOL	1.00000		6630.00	
2370	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	3,600.000 HRS	5.00000		18000.00	
2380	ASP.1T0G On-the-Job Training Graduate at \$5. 00/HR	2,000.000 HRS	5.00000		10000.00	
2390	SPV.0060 Special 01. Pavement Marking Arrows Grooved Preformed Thermoplastic Type 2	18.000 EACH	.		.	
2400	SPV.0060 Special 02. Pavement Marking Arrows Grooved Preformed Thermoplastic Type 3	2.000 EACH	.		.	
2410	SPV.0060 Special 03. Pavement Marking Words Grooved Preformed Thermoplastic	15.000 EACH	.		.	
2420	SPV.0060 Special 04. Adjust Sanitary Sewer Manholes	24.000 EACH	.		.	
2430	SPV.0060 Special 05. Internal Sanitary Manhole Seal	24.000 EACH	.		.	
2440	SPV.0060 Special 06. Adjusting Water Boxes	55.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2450	SPV.0060 Special 07. Landmark Reference Monument Special	7.000 EACH	.		.	
2460	SPV.0060 Special 08. Adjusting TES Manhole Covers	16.000 EACH	.		.	
2470	SPV.0060 Special 09. 4' Diameter Manhole Type TES	2.000 EACH	.		.	
2480	SPV.0090 Special 01. Sawing Curb Head	200.000 LF	.		.	
2490	SPV.0090 Special 02. 4-Duct Conduit, Cement Encased, 4-Inch Rigid Nonmetallic Conduit DB-60	518.000 LF	.		.	
2500	SPV.0090 Special 03. Removing Existing Timber Piling	840.000 LF	.		.	
2510	SPV.0090 Special 04. Railing Tubular Steel Galvanized Pedestrian R-40-604	231.000 LF	.		.	
2520	SPV.0090 Special 05. Railing Tubular Steel Galvanized Pedestrian R-40-605	206.000 LF	.		.	
2530	SPV.0090 Special 06. Pavement Marking Grooved Preformed Thermoplastic Stop Line 18-Inch	754.000 LF	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2540	SPV.0090 Special 07. Pavement Marking Grooved Preformed Thermoplastic Crosswalk 6-Inch	3,135.000 LF	.	.	.	.
2550	SPV.0090 Special 08. Concrete Curb & Gutter 30-Inch (Modified)	2,923.000 LF	.	.	.	.
2560	SPV.0090 Special 09. Concrete Curb & Gutter 30-Inch (HMA Overlay)	528.000 LF	.	.	.	.
2570	SPV.0090 Special 10. Longitudinal Joint Repair	1,500.000 LF	.	.	.	.
2580	SPV.0105 Special 01. Remove Traffic Signals (STH 181 & CTH E)	LUMP	LUMP	.	.	.
2590	SPV.0105 Special 02. Remove Loop Detector Wire and Lead- In Cable, STH 181 & W. Villard Ave	LUMP	LUMP	.	.	.
2600	SPV.0105 Special 03. Remove Loop Detector Wire and Lead- In Cable, STH 181 & Fond Du Lac Ave	LUMP	LUMP	.	.	.
2610	SPV.0105 Special 04. Remove Loop Detector Wire and Lead- In Cable, STH 181 & CTH E	LUMP	LUMP	.	.	.
2620	SPV.0105 Special 05. Remove Loop Detector Wire and Lead- In Cable, STH 181 & Florist Ave	LUMP	LUMP	.	.	.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2630	SPV.0105 Special 08. Transporting Traffic Signal Materials, STH 181 & CTH E	LUMP	LUMP			.
2640	SPV.0105 Special 09. Install Fiber Optic Communications in Cabinet, STH 181 & W. Villard Ave	LUMP	LUMP			.
2650	SPV.0105 Special 10. Install Fiber Optic Communications in Cabinet, STH 181 & Fond Du Lac Ave	LUMP	LUMP			.
2660	SPV.0105 Special 11. Install Fiber Optic Communications in Cabinet, STH 181 & CTH E	LUMP	LUMP			.
2670	SPV.0105 Special 12. Remove Light Pole & Reconnect Lighting Circuit	LUMP	LUMP			.
2680	SPV.0105 Special 13. Metalizing B-40-766	LUMP	LUMP			.
2690	SPV.0105 Special 14. Concrete Pavement Joint Layout	LUMP	LUMP			.
2700	SPV.0105 Special 15. Transport & Install Traffic Signal Cabinet Materials, STH 181 & CTH E	LUMP	LUMP			.

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REVISED:

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PROJECT(S):
2140-13-70

FEDERAL ID(S):
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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2710	SPV.0105 Special 16. Transport & Install State Furnished Radar Detection System, STH 181 & CTH E	LUMP		LUMP		.
2720	SPV.0165 Special 01. Wall Concrete Panel Mechanically Stabilized Earth **p**	SF	5,487.000		.	.
2730	SPV.0195 Special 01. HMA Pavement 3 MT 58-28 S 3% VA Regression Special	TON	6,339.000		.	.
2740	SPV.0195 Special 02. HMA Pavement 4 MT 58-28 S 3% VA Regression Special	TON	4,782.000		.	.
2750	608.3012 Storm Sewer Pipe Class III-A 12-Inch	LF	793.000		.	.
	SECTION 0001 TOTAL					.
	TOTAL BID					.