



# Wisconsin Department of Transportation

March 30, 2017

## Division of Transportation Systems Development

Bureau of Project Development  
4802 Sheboygan Avenue, Rm 601  
P O Box 7916  
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### NOTICE TO ALL CONTRACTORS:

**Proposal #24: 1225-08-71, WISC 2017 170**  
**Sheboygan - Manitowoc**  
**STH 42 - NCL**  
**IH 43**  
**Sheboygan County**

### Letting of April 11, 2017

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

#### Special Provisions:

Added Special Provisions	
Article No.	Description
30	Archaeological Coordination
31	Temporary Portable Rumble Strips

Deleted Special Provisions	
Article No.	Description
16	QMP HMA Pavement Nuclear Density

#### Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.2005	Incentive Density PWL HMA Pavement	DOL	44,787	13,443	58,230
460.2010	Incentive Air Voids HMA Pavement	DOL	44,787	14,693	59,480

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.2000	Incentive Density HMA Pavement	DOL	20,278	-20,278	0

**Plan Sheets:**

<b>Revised Plan Sheets</b>	
<b>Plan Sheet</b>	<b>Plan Sheet Title (brief description of changes to sheet)</b>
7	Minor fixes to typical sections for the ramps that contradicted the Miscellaneous Quantity sheets
12	Modify construction detail to include butt joint lengths for ramps
39	Updated Miscellaneous Quantity for HMA Pavement Incentives

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**

**1225-08-71**

**March 30, 2017**

**Special Provisions**

**16. DELETED.**

**30. Archaeological Coordination.**

An archaeologically significant site exists in the project area as follows:

<u>Site</u>	<u>Description</u>	<u>Location</u>
47SB72	Unnamed	Sta. 614+50 to Sta. 619+50
47SB75	Unnamed	Sta. 660+50 to Sta. 661+50

Do not use these sites for borrow, waste disposal, or for the staging of personnel, equipment and/or supplies with the exception of ditch cleaning. Provide two weeks' notice to the Bureau of Technical Services, Environmental Services Section (ESS) before doing any ground disturbing activities in these sites which involves more ground disturbance than ditch cleaning,. ESS will provide a qualified archaeologist to be on site at all times when work occurs near these sites. The contact at ESS is Lynn Cloud (608) 266-0099.

If a potentially significant archaeological feature or material is discovered during construction operations, the qualified archeologist will promptly coordinate with the engineer and with ESS to determine an appropriate course of action.

**31. Temporary Portable Rumble Strips, Item 643.0310.S.**

**A Description**

This special provision describes providing, relocating, maintaining, and removing temporary portable rumble strips.

**B Materials**

Furnish RoadQuake2 or Roadquake2F temporary portable rumble strips, by Plastic Safety Systems. Do not use alternate products or methods without preapproval by the Bureau of Traffic Operations.

**C Construction**

**C.1 Placement**

Provide rumble strips where the plans show or the engineer directs as follows:

1. Place rumble strips daily/nightly when the work is going to begin and workers are going to be present.
2. Before placing rumble strips, clean the roadway of sand and other materials that may cause slippage.
3. Place one end of the rumble strips 6 inches from the roadway centerline. Extend the strips perpendicular to the direction of travel. Ensure strips lay flat on the roadway surface.
4. Only one series of rumble strips, placed before the first work zone, is required per direction of travel for multiple work zones spaced 1 mile or less apart. Work zones spaced greater than 1 mile apart require a separate series of rumble strips.
5. Remove rumble strips daily/nightly when the work is going to end and no workers are going to be present.

**C.2 Maintenance**

Maintain rumble strips as follows:

1. If rumble strips slide, become out of alignment, or are no longer in the wheel path of approaching vehicles during the work period, thoroughly clean both sides of the rumble strips and reset on a clean roadway.
2. Repair or replace damaged rumble strips immediately.

***D Measurement***

The department will measure temporary portable rumble strips by the lump sum unit of work, 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
643.0310.S	Temporary Portable Rumble Strips	LS

Payment is full compensation for providing, relocating, maintaining or replacing, and removing temporary portable rumble strips.

**Schedule of Items**

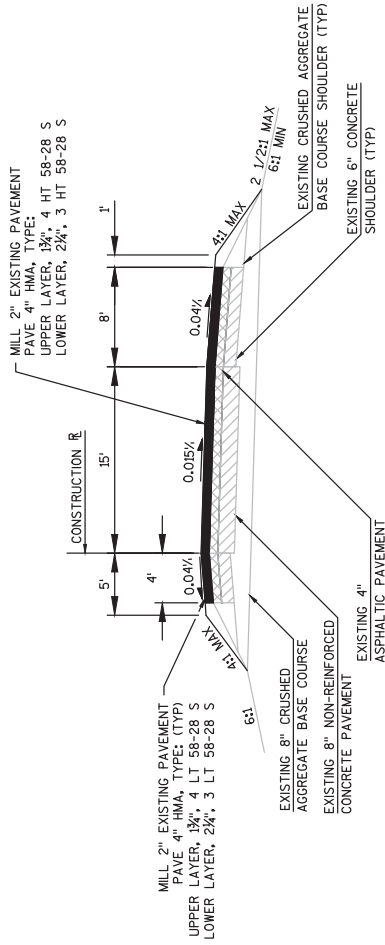
Attached, dated March 30, 2017, are the revised Schedule of Items Pages 1 – 7.

**Plan Sheets**

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

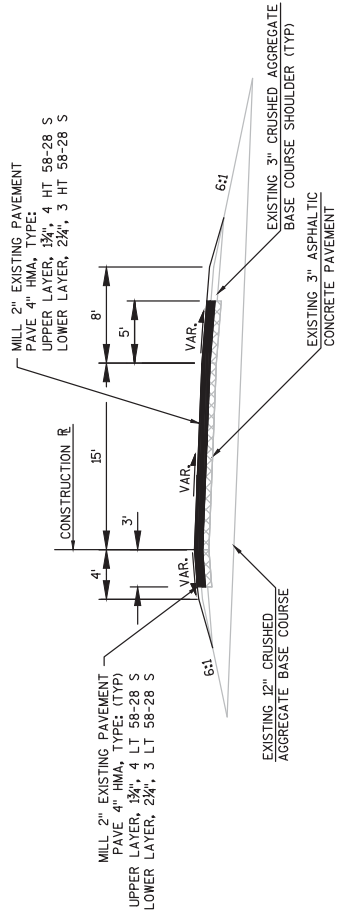
Revised: 7, 12, and 39.

END OF ADDENDUM



FINISHED TYPICAL SECTION FOR STH 42 RAMPS

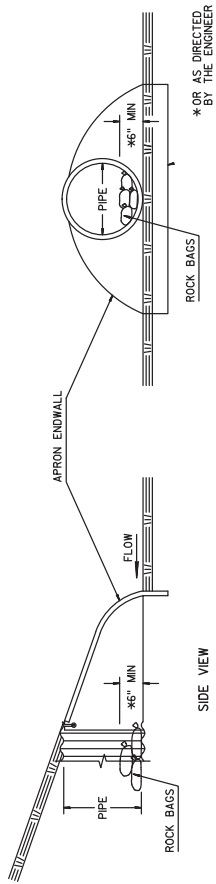
STA. 568+56.03'NE' - STA. 577+75.16'NE  
STA. 574+00.00'NW' - STA. 579+85.74'NW



FINISHED TYPICAL SECTION FOR ROWE ROAD RAMP

STA. 50.00'SE' - STA. 54+00.03'SE'  
STA. 28+58.85'SW' - STA. 32+00.00'SW'

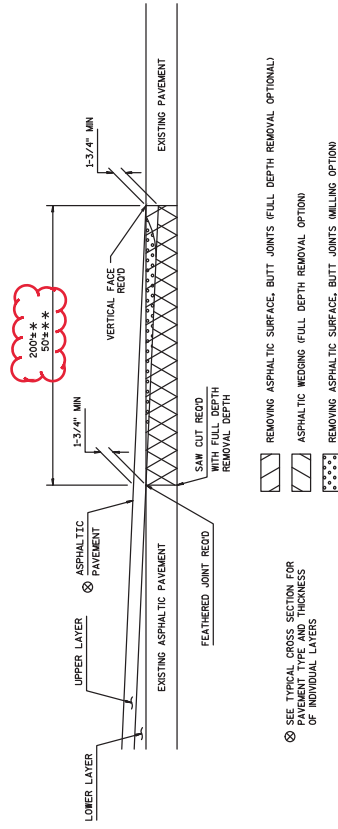
Addendum No. 01  
ID 1225-08-71  
Revised Sheet 7  
March 30, 2017



END VIEW

SIDE VIEW

CULVERT PIPE CHECKS



BUTT JOINT DETAIL FOR ASPHALTIC PAVEMENTS

\*\* MAINLINE \*\* RAMP

Addendum No. 01  
 ID 1225-08-71  
 Revised Sheet 12  
 March 30, 2017

Addendum No. 01  
ID 1225-08-71  
Revised Sheet 39  
March 30, 2017

HMA SUMMARY

STATION	TO	STATION	LOCATION	HMA COLD WEATHER PAVING		TACK COAT		HMA WEATHER PAVEMENT 3		HMA WEATHER PAVEMENT 4		REHEATING HMA PAVEMENT		INCIDENTAL HMA PAVEMENT*		INCIDENTAL HMA PAVEMENT*		REMARKS
				TON	GAL	TON	TON	LT 58-28 S	HT 58-28 S	TON	TON	LONGITUDINAL JOINTS	TON	TON	TON	TON	TON	
<b>NORTHBOUND</b>																		
564+53.64 NB	-	930+05.37 NB	IH 43 NB	1121	19494	8692	6255	13037	9382	73104	22419	22419	22419	22419	22419	22419	22419	MAINLINE
623+67.80 NB	-	624+17.80 NB	IH 43 NB	--	16	5	--	7	--	50	--	--	--	--	--	--	--	PAVEMENT WEDGE
592+02.00 NB	-	592+65.00 NB	IH 43 NB	--	24	--	22	--	--	--	--	--	--	--	--	--	--	MAINTENANCE CROSSOVER
690+44.00 NB	-	691+06.00 NB	IH 43 NB	--	24	--	22	--	--	--	--	--	--	--	--	--	--	MAINTENANCE CROSSOVER
807+69.00 NB	-	808+29.00 NB	IH 43 NB	--	24	--	22	--	--	--	--	--	--	--	--	--	--	MAINTENANCE CROSSOVER
845+54.00 NB	-	846+07.00 NB	IH 43 NB	--	23	--	21	--	--	--	--	--	--	--	--	--	--	MAINTENANCE CROSSOVER
917+95.00 NB	-	918+54.00 NB	IH 43 NB	--	23	--	22	--	--	--	--	--	--	--	--	--	--	MAINTENANCE CROSSOVER
<b>NORTHBOUND TOTALS</b>				<b>1121</b>	<b>19626</b>	<b>8697</b>	<b>6364</b>	<b>13044</b>	<b>9382</b>	<b>73154</b>	<b>22419</b>	<b>22419</b>	<b>22419</b>	<b>22419</b>	<b>22419</b>	<b>22419</b>	<b>22419</b>	
<b>SOUTHBOUND</b>																		
565+45.08 SB	-	590+29.14 SB BK	IH 43 SB	77	1325	591	426	886	638	4969	1524	1524	1524	1524	1524	1524	1524	MAINLINE
590+48.32 SB AH	-	656+15.04 SB BK	IH 43 SB	202	3502	1562	1124	2343	1686	13134	4029	4029	4029	4029	4029	4029	4029	MAINLINE
655+98.34 SB AH	-	726+54.94 SB BK	IH 43 SB	217	3764	1678	1208	2517	1812	14114	4329	4329	4329	4329	4329	4329	4329	MAINLINE
726+50.84 SB AH	-	785+06.46 SB BK	IH 43 SB	180	3123	1393	1002	2089	1503	11712	3592	3592	3592	3592	3592	3592	3592	MAINLINE
785+09.75 SB AH	-	873+97.95 SB BK	IH 43 SB	273	4740	2114	1521	3171	2282	17777	5453	5453	5453	5453	5453	5453	5453	MAINLINE
873+97.71 SB AH	-	930+05.36 SB	IH 43 SB	173	2991	1334	960	2001	1440	11216	3441	3441	3441	3441	3441	3441	3441	MAINLINE
<b>SOUTHBOUND TOTALS</b>				<b>1122</b>	<b>19445</b>	<b>8672</b>	<b>6241</b>	<b>13007</b>	<b>9361</b>	<b>72922</b>	<b>22368</b>	<b>22368</b>	<b>22368</b>	<b>22368</b>	<b>22368</b>	<b>22368</b>	<b>22368</b>	

RAMP/OVERPASS ROADWAYS

568+56.03 NE	-	583+25.00 NE	STH 42 NE RAMP	22	379	161	128	262	177	2938	--	--	439
574+00.00 NW	-	583+78.00 NW	STH 42 NW RAMP	15	287	123	98	175	117	1956	--	--	292
50+00.00 SE	-	54+00.00 SE	ROWE RD SE RAMP	6	126	69	55	72	47	800	--	--	119
28+00.00 SW	-	32+00.00 SW	ROWE RD SE RAMP	6	120	62	50	72	47	800	--	--	119
<b>RAMP/OVERPASS TOTALS</b>				<b>49</b>	<b>891</b>	<b>415</b>	<b>331</b>	<b>581</b>	<b>388</b>	<b>6494</b>	<b>0</b>	<b>0</b>	<b>969</b>

PROJECT TOTALS

<b>2,292</b>	<b>39,962</b>	<b>17,784</b>	<b>12,936</b>	<b>26,632</b>	<b>19,131</b>	<b>152,570</b>	<b>44,787</b>	<b>45,756</b>
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NOTES:

- 1) HT MIXES WILL BE HMA PWL
  - 2) LT MIXES WILL BE DENSITY TESTED BY ACCEPTANCE AND ARE NOT ELIGIBLE FOR INCENTIVE
  - 3) RAMP'S NOT ELIGIBLE FOR PWL DENSITY INCENTIVE
- \* - FOR INFORMATION ONLY, SHOWS TONNAGES APPLICABLE TO INCENTIVES



Proposal Schedule of Items

Proposal ID: 20170411024 Project(s): 1225-08-71

Federal ID(s): WISC 2017170

SECTION: 0001 ROADWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0010	203.0100 Removing Small Pipe Culverts	2.000 EACH	_____.	_____.
0020	204.0115 Removing Asphaltic Surface Butt Joints	4,156.000 SY	_____.	_____.
0030	204.0120 Removing Asphaltic Surface Milling	326,391.000 SY	_____.	_____.
0040	204.0165 Removing Guardrail	500.000 LF	_____.	_____.
0050	204.0170 Removing Fence	2,550.000 LF	_____.	_____.
0060	204.9060.S Removing (item description) 01. Culvert Endwalls	1.000 EACH	_____.	_____.
0070	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 1225-08-71	LS	LUMP SUM	_____.
0080	213.0100 Finishing Roadway (project) 01. 1225-08-71	1.000 EACH	_____.	_____.
0090	305.0110 Base Aggregate Dense 3/4-Inch	10,303.000 TON	_____.	_____.
0100	305.0120 Base Aggregate Dense 1 1/4-Inch	118.000 TON	_____.	_____.
0110	305.0500 Shaping Shoulders	1,500.000 STA	_____.	_____.
0120	390.0303 Base Patching Concrete	978.000 SY	_____.	_____.
0130	416.0610 Drilled Tie Bars	1,255.000 EACH	_____.	_____.
0140	440.4410 Incentive IRI Ride	55,310.000 DOL	1.00000	55,310.00
0150	450.4000 HMA Cold Weather Paving	2,292.000 TON	_____.	_____.
0160	455.0605 Tack Coat	39,962.000 GAL	_____.	_____.





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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0180	460.2005 Incentive Density PWL HMA Pavement	58,230.000 DOL	1.00000	58,230.00
0190	460.2010 Incentive Air Voids HMA Pavement	59,480.000 DOL	1.00000	59,480.00
0200	460.4110.S Reheating HMA Pavement Longitudinal Joints	152,570.000 LF	_____.	_____.
0210	460.5223 HMA Pavement 3 LT 58-28 S	17,784.000 TON	_____.	_____.
0220	460.5224 HMA Pavement 4 LT 58-28 S	12,936.000 TON	_____.	_____.
0230	460.7223 HMA Pavement 3 HT 58-28 S	26,632.000 TON	_____.	_____.
0240	460.7224 HMA Pavement 4 HT 58-28 S	19,131.000 TON	_____.	_____.
0250	465.0125 Asphaltic Surface Temporary	60.000 TON	_____.	_____.
0260	465.0400 Asphaltic Shoulder Rumble Strips	142,674.000 LF	_____.	_____.
0270	520.8700 Cleaning Culvert Pipes	8.000 EACH	_____.	_____.
0280	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	_____.	_____.
0290	523.0419 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	118.000 LF	_____.	_____.
0300	523.0519 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	4.000 EACH	_____.	_____.
0310	603.8000 Concrete Barrier Temporary Precast Delivered	600.000 LF	_____.	_____.



Proposal Schedule of Items

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Federal ID(s): WISC 2017170

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0320	603.8125 Concrete Barrier Temporary Precast Installed	2,225.000 LF	_____.	_____.
0330	614.0010 Barrier System Grading Shaping Finishing	8.000 EACH	_____.	_____.
0340	614.0220 Steel Thrie Beam Bullnose Terminal	8.000 EACH	_____.	_____.
0350	614.0230 Steel Thrie Beam	500.000 LF	_____.	_____.
0360	614.0905 Crash Cushions Temporary	4.000 EACH	_____.	_____.
0370	616.0100 Fence Woven Wire (height) 01. 4-FT	2,550.000 LF	_____.	_____.
0380	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1225-08-71	1.000 EACH	_____.	_____.
0390	619.1000 Mobilization	1.000 EACH	_____.	_____.
0400	624.0100 Water	105.000 MGAL	_____.	_____.
0410	625.0100 Topsoil	30.000 SY	_____.	_____.
0420	625.0500 Salvaged Topsoil	114.000 SY	_____.	_____.
0430	627.0200 Mulching	30.000 SY	_____.	_____.
0440	628.1905 Mobilizations Erosion Control	3.000 EACH	_____.	_____.
0450	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	_____.	_____.
0460	628.2004 Erosion Mat Class I Type B	4,705.000 SY	_____.	_____.
0470	628.7005 Inlet Protection Type A	11.000 EACH	_____.	_____.



Proposal Schedule of Items

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0480	628.7504 Temporary Ditch Checks	385.000 LF	_____.	_____.
0490	628.7555 Culvert Pipe Checks	18.000 EACH	_____.	_____.
0500	629.0210 Fertilizer Type B	4.000 CWT	_____.	_____.
0510	630.0120 Seeding Mixture No. 20	128.000 LB	_____.	_____.
0520	630.0200 Seeding Temporary	65.000 LB	_____.	_____.
0530	633.5200 Markers Culvert End	22.000 EACH	_____.	_____.
0540	634.0614 Posts Wood 4x6-Inch X 14-FT	42.000 EACH	_____.	_____.
0550	634.0616 Posts Wood 4x6-Inch X 16-FT	24.000 EACH	_____.	_____.
0560	634.0618 Posts Wood 4x6-Inch X 18-FT	12.000 EACH	_____.	_____.
0570	635.0200 Sign Supports Structural Steel HS	4,523.000 LB	_____.	_____.
0580	635.0300 Sign Supports Replacing Base Connection Bolts	2.000 EACH	_____.	_____.
0590	636.0100 Sign Supports Concrete Masonry	11.200 CY	_____.	_____.
0600	636.0500 Sign Supports Steel Reinforcement	658.000 LB	_____.	_____.
0610	637.1220 Signs Type I Reflective SH	819.000 SF	_____.	_____.
0620	637.2210 Signs Type II Reflective H	540.430 SF	_____.	_____.
0630	637.2230 Signs Type II Reflective F	24.500 SF	_____.	_____.



Proposal Schedule of Items

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SECTION: 0001 ROADWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0640	638.2101 Moving Signs Type I	2.000 EACH	_____.	_____.
0650	638.2601 Removing Signs Type I	7.000 EACH	_____.	_____.
0660	638.2602 Removing Signs Type II	47.000 EACH	_____.	_____.
0670	638.3000 Removing Small Sign Supports	76.000 EACH	_____.	_____.
0680	638.3100 Removing Structural Steel Sign Supports	11.000 EACH	_____.	_____.
0690	638.4100 Moving Structural Steel Sign Supports	4.000 EACH	_____.	_____.
0700	642.5401 Field Office Type D	1.000 EACH	_____.	_____.
0710	643.0100 Traffic Control (project) 01. 1225-08-71	1.000 EACH	_____.	_____.
0720	643.0300 Traffic Control Drums	115,100.000 DAY	_____.	_____.
0730	643.0310.S Temporary Portable Rumble Strips	1.000 LS	_____.	_____.
0740	643.0420 Traffic Control Barricades Type III	8,547.000 DAY	_____.	_____.
0750	643.0705 Traffic Control Warning Lights Type A	17,094.000 DAY	_____.	_____.
0760	643.0715 Traffic Control Warning Lights Type C	3,989.000 DAY	_____.	_____.
0770	643.0800 Traffic Control Arrow Boards	570.000 DAY	_____.	_____.
0780	643.0900 Traffic Control Signs	15,070.000 DAY	_____.	_____.
0790	643.1050 Traffic Control Signs PCMS	24.000 DAY	_____.	_____.
0800	646.0106 Pavement Marking Epoxy 4-Inch	147,916.000 LF	_____.	_____.



Proposal Schedule of Items

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SECTION: 0001 ROADWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0810	646.0600 Removing Pavement Markings	2,094.000 LF	_____.	_____.
0820	646.0790.S Removing Raised Pavement Markers	733.000 EACH	_____.	_____.
0830	646.0841.S Pavement Marking Grooved Wet Reflective Contrast Tape 4-Inch	18,232.000 LF	_____.	_____.
0840	646.0843.S Pavement Marking Grooved Wet Reflective Contrast Tape 8-Inch	2,873.000 LF	_____.	_____.
0850	647.0803 Pavement Marking Aerial Enforcement Bars Epoxy 24-Inch	60.000 LF	_____.	_____.
0860	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	6,232.000 LF	_____.	_____.
0870	649.0402 Temporary Pavement Marking Paint 4-Inch	169,138.000 LF	_____.	_____.
0880	649.0801 Temporary Pavement Marking Removable Tape 8-Inch	2,000.000 LF	_____.	_____.
0890	650.6000 Construction Staking Pipe Culverts	2.000 EACH	_____.	_____.
0900	650.8000 Construction Staking Resurfacing Reference	75,204.000 LF	_____.	_____.
0910	650.9910 Construction Staking Supplemental Control (project) 01. 1225-08-71	LS	LUMP SUM	_____.
0920	690.0250 Sawing Concrete	40,762.000 LF	_____.	_____.
0930	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0940	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	3,040.000 HRS	5.00000	15,200.00



Proposal Schedule of Items

Proposal ID: 20170411024 Project(s): 1225-08-71
Federal ID(s): WISC 2017170

SECTION: 0001 ROADWAY ITEMS

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items 0950 through 0990 and a total bid section.