



Wisconsin Department of Transportation

December 8, 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
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

**Proposal #18: 1224-21-73, WISC 2016 477
Sheboygan - Manitowoc
Point Creek Road – Clover Road
IH 43
Manitowoc County**

Letting of December 13, 2016

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

Special Provisions

Revised Special Provisions	
Article No.	Description
42	HMA Pavement Percent Within Limits QMP
43	HMA Percent Within Limits (PWL) Test Strip, SPV.0060.04

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0105	Removing Pavement Butt Joints	SY	607	360	967
204.0115	Removing Asphaltic Surface Butt Joints	SY	3,556	977	4,533
390.0303	Base Patching Concrete	SY	4,650	-1,281	3,369
460.2000	Incentive Density HMA Pavement	DOL	40,820	-23,030	17,790
460.2010	Incentive Air Voids HMA Pavement	DOL	63,766	-17,116	46,650
465.0125	Asphaltic Surface Temporary	TON	270	117	387
502.0100	Concrete Masonry Bridges	CY	1,158	-2	1,156
509.2500	Concrete Masonry Overlay Decks	CY	759	2	761
SPV.0060.04	Hot Mix Asphalt Percent Within Limits (PWL) Test Strip	EACH	4	-2	2
SPV.0180.03	Base Patching Concrete HES	SY	980	1,281	2,261

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.2005	Incentive Density PWL HMA Pavement	DOL	0	46,650	46,650
550.2104	Piling CIP Concrete 10.75 x 0.25-Inch	LF	0	5,550	5,550

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
550.2102	Piling CIP Concrete 10.75 x 0.219-Inch	LF	5,550	0	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
83	Miscellaneous Quantities (Revised Removing Asphaltic Surface Butt Joints quantity and remarks)
84	Miscellaneous Quantities (Revised Removing Asphaltic Surface Butt Joints and Removing Pavement Butt Joints quantities and lengths)
90	Miscellaneous Quantities (Revised Base Patching Concrete and Base Patching Concrete HES quantity)
91	Miscellaneous Quantities (Revised Asphaltic Surface Temporary quantity and added notes to clarify between QMP and PWL.)
92	Miscellaneous Quantities (Revised Asphaltic Surface Temporary quantity and added notes to clarify between QMP and PWL.)
97	Miscellaneous Quantities (Revised Concrete Barrier Summary Stationing for Southbound IH 43 quantities)
312	General Plan (Structure B-36-46): Revised Concrete Masonry Bridges and Concrete Masonry Overlay Decks quantities

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

1224-21-73

December 08, 2016

Special Provisions

42. HMA Pavement Percent Within Limits QMP.

Replace the third paragraph from the end with the following:

E Payment

The department will pay incentive for air voids and density under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
460.2000	Incentive Density HMA Pavement	DOL
460.2005	Incentive Density PWL HMA Pavement	DOL
460.2010	Incentive Air Voids HMA Pavement	DOL

43. HMA Percent Within Limits (PWL) Test Strip, Item SPV.0060.03.

Replace the second paragraph from the end with the following:

E Payment

The department will pay incentive for air voids and density under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
460.2000	Incentive Density HMA Pavement	DOL
460.2005	Incentive Density PWL HMA Pavement	DOL
460.2010	Incentive Air Voids HMA Pavement	DOL

Schedule of Items

Attached, dated December 8, 2016, are the revised Schedule of Items Pages. All pages of the Schedule of Items are being replaced.

Plan Sheets

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

Revised: 83, 84, 90, 91, 92, 97, and 312

END OF ADDENDUM

Addendum No. 01
 ID 1224-21-73
 Revised Sheet 83
 December 8, 2016

REMOVING PAVEMENT AND ASPHALTIC SURFACE SUMMARY

CATEGORY	STATION	TO	STATION	LOCATION	LENGTH FT x FT	SIZE WIDTH	204.0100		204.0105		204.0110		204.0115		204.0120		REMARKS
							REMOVING PAVEMENT	PAVEMENT BUTT JOINTS	REMOVING PAVEMENT	PAVEMENT BUTT JOINTS	REMOVING ASPHALTIC SURFACE	ASPHALTIC SURFACE BUTT JOINTS	REMOVING ASPHALTIC SURFACE	ASPHALTIC SURFACE BUTT JOINTS	REMOVING ASPHALTIC SURFACE MILLING	RAISED PAVEMENT MARKERS	
NORTHBOUND																	
0010	1216+88.99 NB	-	1218+86.99 NB	IH 43 NB	200 x 40		--	--	--	--	--	--	889	--	--	2	BUTT JT S. PROJECT LIMITS
0010	1218+88.99 NB	-	1229+05.24 NB	IH 43 NB	1016 x 40		--	--	--	--	--	--	--	4,517	--	10	B-36-0230 APPROACH SLAB
0010	1229+05.24 NB	-	1229+19.00 NB	IH 43 NB	14 x 40		61	--	--	--	--	--	--	--	--	--	B-36-0230 APPROACH SLAB
0010	1229+70.08 NB	-	1229+83.81 NB	IH 43 NB	14 x 40		61	--	--	--	--	--	--	--	--	--	B-36-0230 APPROACH SLAB
0010	1229+83.81 NB	-	1270+21.49 NB	IH 43 NB	4036 x 40		--	--	--	--	--	--	--	17,945	--	40	B-36-0048 APPROACH SLAB
0010	1270+21.49 NB	-	1270+45.25 NB	IH 43 NB	24 x 40		--	--	--	--	--	--	--	--	--	--	B-36-0041 APPROACH SLAB
0010	1271+55.26 NB	-	1324+64.32 NB	IH 43 NB	5309 x 40		--	--	--	--	--	--	--	23,596	--	53	B-36-0041 APPROACH SLAB
0010	1324+64.32 NB	-	1324+87.03 NB	IH 43 NB	23 x 40		80	--	--	--	--	--	--	--	--	--	B-36-0041 APPROACH SLAB
0010	1325+91.84 NB	-	1326+14.02 NB	IH 43 NB	22 x 40		79	--	--	--	--	--	--	--	--	--	B-36-0041 APPROACH SLAB
0010	1326+14.02 NB	-	1381+76.51 NB	IH 43 NB	5562 x 40		--	--	--	--	--	--	--	24,722	--	56	B-36-0051 APPROACH SLAB
0010	1383+66.81 NB	-	1384+03.04 NB	IH 43 NB	36 x 40		108	--	--	--	--	--	--	--	--	--	B-36-0053 APPROACH SLAB
0010	1384+03.04 NB	-	1445+27.92 NB	IH 43 NB	6125 x 40		--	--	--	--	--	--	--	27,222	--	61	B-36-0053 APPROACH SLAB
0010	1445+27.92 NB	-	1445+63.61 NB	IH 43 NB	36 x 40		105	--	--	--	--	--	--	--	--	--	B-36-0053 APPROACH SLAB
0010	1446+97.25 NB	-	1447+29.32 NB	IH 43 NB	32 x 6		20	--	--	--	--	--	--	--	--	--	B-36-0053 APPROACH SLAB
0010	1447+00.55 NB	-	1489+10.30 NB	IH 43 NB	5210 x 40		--	--	--	--	--	--	--	23,154	--	52	B-36-0053 APPROACH SLAB
0010	1501+10.30 NB	-	1503+10.30 NB	IH 43 NB	200 x 40		--	--	--	--	--	--	--	--	--	2	B-36-0053 APPROACH SLAB
NORTHBOUND TOTALS							599	0	0	0	0	0	2,267	121,156	277		
SOUTHBOUND																	
0010	1216+88.99 SB	-	1218+86.99 SB	IH 43 SB	200 x 40		--	--	--	--	--	--	889	--	--	2	BUTT JT S PROJECT LIMITS
0010	1218+88.99 SB	-	1228+93.15 SB	IH 43 SB	1004 x 40		--	--	--	--	--	--	--	4,463	--	10	B-36-0047 APPROACH SLAB
0010	1228+93.15 SB	-	1229+08.82 SB	IH 43 SB	16 x 58		100	--	--	--	--	--	--	16,903	--	38	B-36-0047 APPROACH SLAB
0010	1229+80.53 SB	-	1267+83.81 SB BK	IH 43 SB	3803 x 40		--	--	--	--	--	--	--	980	--	2	B-36-0040 APPROACH SLAB
0010	1267+79.67 SB AH	-	1270+00.14 SB	IH 43 SB	220 x 40		--	--	--	--	--	--	--	--	--	--	B-36-0231 APPROACH SLAB
0010	1270+00.14 SB	-	1270+21.67 SB	IH 43 SB	22 x 40		80	--	--	--	--	--	--	--	--	--	B-36-0231 APPROACH SLAB
0010	1271+39.67 SB	-	1286+39.20 SB BK	IH 43 SB	1500 x 40		--	--	--	--	--	--	--	6,665	--	15	B-36-0052 S. LT SHOULDER
0010	1286+40.21 SB AH	-	1324+44.12 SB	IH 43 SB	3804 x 40		--	--	--	--	--	--	--	16,906	--	38	B-36-0052 S. LT SHOULDER
0010	1324+44.12 SB	-	1324+64.90 SB	IH 43 SB	21 x 40		79	--	--	--	--	--	--	--	--	--	B-36-0052 S. LT SHOULDER
0010	1325+70.74 SB	-	1325+93.39 SB	IH 43 SB	23 x 40		80	--	--	--	--	--	--	--	--	--	B-36-0052 S. LT SHOULDER
0010	1325+93.39 SB	-	1375+62.73 SB BK	IH 43 SB	4989 x 40		--	--	--	--	--	--	--	22,175	--	50	B-36-0052 S. LT SHOULDER
0010	1375+60.80 SB AH	-	1381+37.15 SB	IH 43 SB	576 x 40		--	--	--	--	--	--	--	2,562	--	6	B-36-0052 S. LT SHOULDER
0010	1383+30.83 SB	-	1445+10.52 SB	IH 43 SB	6180 x 40		--	--	--	--	--	--	--	27,465	--	62	B-36-0052 S. LT SHOULDER
0010	1444+80.71 SB	-	1444+96.45 SB	IH 43 SB	16 x 6		14	--	--	--	--	--	--	--	--	--	B-36-0052 S. LT SHOULDER
0010	1446+31.70 SB	-	1446+66.02 SB	IH 43 SB	34 x 40		104	--	--	--	--	--	--	--	--	--	B-36-0052 S. LT SHOULDER
0010	1446+66.02 SB	-	1474+18.95 SB BK	IH 43 SB	2753 x 40		--	--	--	--	--	--	--	12,235	--	28	B-36-0052 S. LT SHOULDER
0010	1474+55.64 SB AH	-	1489+10.30 SB	IH 43 SB	2455 x 40		--	--	--	--	--	--	--	10,910	--	25	B-36-0052 S. LT SHOULDER
0010	1501+10.30 SB	-	1503+10.30 SB	IH 43 SB	200 x 40		--	--	--	--	--	--	--	--	--	2	B-36-0052 S. LT SHOULDER
SOUTHBOUND TOTALS							459	0	0	0	0	0	2,267	121,264	277		
PAGE TOTALS							1,058	0	0	0	0	0	4,533	242,420	553		

PROJECT NO: 1224-21-73 COUNTY: MANITOWOC MISCELLANEOUS QUANTITIES SHEET: 83

FILE NAME: N:\PDS\..._0302001.mxd PLOT DATE: June 14, 1911 PLOT BY: A.R.H. PLOT SCALE: 1:1

REMOVING PAVEMENT AND ASPHALTIC SURFACE SUMMARY CONTINUED

CATEGORY	STATION	TO	STATION	LOCATION	LENGTH FT x FT	SIZE WIDTH	204.0100 REMOVING PAVEMENT	204.0105 REMOVING PAVEMENT BUTT JOINTS	204.0110 REMOVING ASPHALTIC SURFACE	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS	204.0120 REMOVING ASPHALTIC SURFACE MILLING	646.0790.S REMOVING RAISED PAVEMENT MARKERS	REMARKS	
WEIGH STATION														
0010	1226+88.45 WS	-	1228+93.12 WS	WS RAMP	205 x 27		--	--	--	--	614	--	EXIT RAMP	
0010	1229+80.44 WS	-	1233+75.98 WS	WS RAMP	396 x 27		--	--	--	1,187	--	--	EXIT RAMP	
0010	1250+63.66 WS	-	1254+25.70 WS	WS RAMP	362 x 27		--	--	--	1,086	--	--	ENTRANCE RAMP	
0010	1237+42.65 WS	-	1237+79.08 WS	WS RAMP	50'x 27		150	--	--	--	--	--	SOUTH LOOP	
0010	1238+31.45 WS	-	1238+51.45 WS	WS RAMP	50'x 27		150	--	--	--	--	--	SOUTH OF SCALE	
0010	1239+85.41 WS	-	1240+05.41 WS	WS RAMP	50'x 27		150	--	--	--	--	--	NORTH OF SCALE	
0010	1244+57.02 WS	-	1244+86.11 WS	WS RAMP	50'x 27		150	--	--	--	--	--	NORTH LOOP	
WEIGH STATION TOTALS							0	0	0	0	2,887	0		
CTH C														
0010	1369+46.66 SE	-	1373+32.95 SE	SE RAMP	386 x 27		--	--	--	1,159	--	--	W. PROJECT LIMITS	
0010	1365+24.56 SW	-	1372+92.20 SW	SW RAMP	768 x 27		--	--	--	2,303	--	--	W. PROJECT LIMITS	
0010	1393+87.57 NE	-	1401+44.67 NE	NE RAMP	757 x 27		--	--	--	2,271	--	--	W. PROJECT LIMITS	
0010	1392+94.92 NW	-	1396+01.99 NW	NW RAMP	307 x 27		--	--	--	921	--	--	W. PROJECT LIMITS	
0010	16+00.00 WB	-	16+50.00 WB	CTHC WB	50 x 14		78	--	--	--	--	--	W. PROJECT LIMITS	
0010	16+00.00 EB	-	16+50.00 EB	CTHC EB	50 x 14		78	--	--	--	--	--	W. PROJECT LIMITS	
0010	24+98.70 WB	-	25+48.70 WB	CTHC WB	50 x 14		78	--	--	--	--	--	W. PROJECT LIMITS	
0010	24+98.70 EB	-	25+48.70 EB	CTHC EB	50 x 24		133	--	--	--	--	--	W. PROJECT LIMITS	
CTH C TOTALS							0	367	0	0	6,654	0		
OVERPASS ROADWAYS														
POINT CREEK ROAD														
OVERPASS ROADWAY TOTALS							0	0	0	0	0	0	0	
PROJECT TOTALS							1,058	967	310	4,533	251,961	553		

Addendum No. 01
ID 1224-21-73
Revised Sheet 84
December 8, 2016

FINISHING ROADWAY PROJECT

CATEGORY	LOCATION	FINISHING ROADWAY PROJECT EACH
0010	PROJECT IH 43	1
PROJECT TOTAL		
		1

PREPARE FOUNDATION FOR ASPHALT PAVING

CATEGORY	LOCATION	PREPARE FOUNDATION FOR ASPHALT PAVING LS
0010	PROJECT IH 43	1
PROJECT TOTAL		
		1

Addendum No. 01
 ID 1224-21-73
 Revised Sheet 90
 December 8, 2016

BASE PATCHING SUMMARY

CATEGORY	STATION	TO	STATION	LOCATION	390.0303 BASE PATCHING CONCRETE SY	**416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	**690.0150 SAWING CONCRETE LF	SPV.0090.01 CONCRETE CLEANING LF	SPV.0180.01 CONTINUOUSLY REINFORCED CONCRETE REPAIR SY	SPV.0180.03 BASE PATCHING CONCRETE HES SY	REMARKS
NORTHBOUND TOTALS												
					588	524	0	10,500	0	1,759	0	
SOUTHBOUND												
0010	1216+88.99 NB	-	1256+34.04 NB	IH 43 NB	83	174	--	2,152	--	425	--	M. 141 - M. 142
0010	1256+34.04 NB	-	1307+54.64 NB	IH 43 NB	172	134	--	2,915	--	505	--	M. 142 - M. 143
0010	1307+54.64 NB	-	1361+58.00 NB	IH 43 NB	164	105	--	2,463	--	420	--	M. 143 - M. 144
0010	1361+58.00 NB	-	1413+96.00 NB	IH 43 NB	75	50	--	1,371	--	187	--	M. 144 - M. 145
0010	1413+96.00 NB	-	1467+08.00 NB	IH 43 NB	65	45	--	1,222	--	175	--	M. 145 - M. 146
0010	1467+08.00 NB	-	1501+10.30 NB	IH 43 NB	28	16	--	377	--	47	--	M. 146 - M. 147
SOUTHBOUND TOTALS												
					784	529	0	12,298	0	1,839	0	
WEIGH STATION												
0010	1233+75.98 WS	-	1250+63.66 WS	WEIGH STATION	295	122	181	1,013	322	--	--	
WEIGH STATION TOTALS												
					295	122	181	1,013	322	0	0	
CTH C INTERCHANGE												
0010	1373+32.95 SE	-	1382+71.66 SE	CTH C SE RAMP	--	209	320	2,065	--	--	890	
0010	1385+25.88 NE	-	1393+87.57 NE	CTH C NE RAMP	270	98	320	1,022	--	--	--	
0010	1372+92.20 SW	-	1380+24.56 SW	CTH C SW RAMP	275	96	304	965	--	--	--	
0010	1382+20.16 NW	-	1392+94.92 NW	CTH C NW RAMP	727	308	528	2,286	--	--	--	
0010	16+02.00 EB	-	25+49.00 EB	CTH C EB	--	194	406	1,675	--	--	529	
0010	16+02.00 WB	-	25+49.00 WB	CTH C WB	--	213	486	2,228	--	--	751	
CTH C INTERCHANGE TOTALS												
					1,272	1,118	2,364	10,241	0	0	2,171	
UNDISTRIBUTED												
					430	229	255	3,407	33	362	90	
PROJECT TOTALS												
					3,369	2,522	2,800	37,459	355	3,960	2,261	

**ADDITIONAL QUANTITIES LOCATED ELSEWHERE IN THE PLAN

Addendum No. 01
 ID 1224-21-73
 Revised Sheet 91
 December 8, 2016

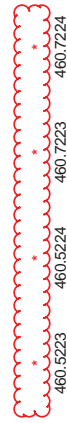
HMA SUMMARY

CATEGORY	STATION	TO	STATION	LOCATION	PAVING	HMA COLD WEATHER	450.4000	TACK COAT	455.0605	REHEATING HMA PAVEMENT	460.4100.S	ASPHALTIC SURFACE			HMA PAVEMENT			REMARKS	
												465.0105	465.0125	466.5223	3 LT 58-28 S	4 LT 58-28 S	3 HT 58-28 S		4 HT 58-28 S
NORTHBOUND																			
0010	1216+88.99 NB	-	1229+05.24 NB	IH 43 NB	--	--	648.7	289	208	434	312	434	312	434	312	434	312	S. PROJECT LIMITS - B-36-0230	
0010	1229+83.81 NB	-	1270+21.49 NB	IH 43 NB	--	--	2153.4	960	691	1440	1036	1440	1036	1440	1036	1440	1036	B-36-0230 - B-36-0048	
0010	1256+11.85 NB	-	1256+80.28 NB	IH 43 NB	--	--	10.0	22	22	--	--	--	--	--	--	--	--	MAINT. X-OVER	
0010	1271+55.35 NB	-	1324+64.32 NB	IH 43 NB	--	--	2831.5	1282	908	1894	1363	1894	1363	1894	1363	1894	1363	B-36-0048 - B-36-0041	
0010	1291+89.48 NB	-	1292+48.25 NB	IH 43 NB	--	--	9.6	21	21	--	--	--	--	--	--	--	--	MAINT. X-OVER	
0010	1358+39.83 NB	-	1359+07.12 NB	IH 43 NB	--	--	10.1	22	22	--	--	--	--	--	--	--	--	MAINT. X-OVER	
0010	1326+14.02 NB	-	1381+76.07 NB	IH 43 NB	--	--	2966.4	1323	952	1984	1428	1984	1428	1984	1428	1984	1428	B-36-0041 - B-36-0051	
0010	1358+00.00 NB	-	1366+40.00 NB	IH 43 NB	--	--	113.2	270	270	--	--	--	--	--	--	--	--	MIDDLE CROSSOVER	
0010	1367+84.81 NB	-	1371+98.66 NB	IH 43 NB	--	--	101.1	113	81	113	81	113	81	113	81	113	81	CTH C SE RAMP/GORE	
0010	1384+05.04 NB	-	1445+27.92 NB	IH 43 NB	--	--	3266.6	1456	1048	2185	1572	2185	1572	2185	1572	2185	1572	B-36-0051 - B-36-0053	
0010	1394+84.57 NB	-	1408+00.87 NB	IH 43 NB	--	--	232.1	259	186	259	186	259	186	259	186	259	186	CTH C NE RAMP/GORE	
0010	1416+70.02 NB	-	1417+26.21 NB	IH 43 NB	--	--	9.4	--	21	--	--	--	--	--	--	--	--	MAINT. X-OVER	
0010	1447+00.55 NB	-	1489+90.82 NB	IH 43 NB	--	--	2821.5	1258	905	1887	1358	1887	1358	1887	1358	1887	1358	B-36-0053 - B-36-0057	
0010	1501+10.30 NB	-	1503+10.30 NB	IH 43 NB	--	--	106.7	48	34	71	51	71	51	71	51	71	51	B-36-0057 - N. PROJECT LIMITS	
NORTHBOUND TOTALS					0	15280	58,944	6,967	5,100	10,265	7,387	10,265	7,387	10,265	7,387	10,265	7,387		
SOUTHBOUND																			
0010	1216+88.99 SB	-	1228+93.15 SB	IH 43 SB	--	--	642.2	286	206	429	309	429	309	429	309	429	309	S. PROJECT LIMITS - B-36-0047	
0010	1220+13.59 SB	-	1228+93.15 SB	IH 43 SB	--	--	103.1	115	83	115	83	115	83	115	83	115	83	WEIGH STATION SW RAMP/GORE	
0010	1229+80.42 SB	-	1232+67.06 SB	IH 43 SB	--	--	90.3	101	72	101	72	101	72	101	72	101	72	WEIGH STATION SW RAMP/GORE	
0010	1229+80.53 SB	-	1267+83.81 SB BK	IH 43 SB	--	--	2028.4	904	651	1357	976	1357	976	1357	976	1357	976	B-36-0047 - STATION EQUATION	
0010	1251+89.68 SB	-	1255+89.37 SB	IH 43 SB	--	--	84.5	94	68	94	68	94	68	94	68	94	68	WEIGH STATION NW RAMP/GORE	
0010	1267+79.67 SB AH	-	1270+00.14 SB	IH 43 SB	--	--	117.6	52	38	52	38	52	38	52	38	52	38	STATION EQUATION - B-36-0040	
0010	1271+39.80 SB	-	1286+39.20 SB BK	IH 43 SB	--	--	799.7	357	257	535	385	535	385	535	385	535	385	STATION EQUATION - B-36-0040	
0010	1286+40.21 SB AH	-	1324+44.12 SB	IH 43 SB	--	--	2028.8	904	651	1357	976	1357	976	1357	976	1357	976	STATION EQUATION - B-36-0231	
0010	1325+93.39 SB	-	1375+82.73 SB BK	IH 43 SB	--	--	1275.1	1186	854	1780	1281	1780	1281	1780	1281	1780	1281	STATION EQUATION	
0010	1361+12.67 SB	-	1371+89.16 SB	IH 43 SB	--	--	225.1	262	188	262	188	262	188	262	188	262	188	CTH C SW RAMP/GORE	
0010	1375+60.80 SB AH	-	1381+37.15 SB	IH 43 SB	--	--	307.4	137	99	206	148	206	148	206	148	206	148	STATION EQUATION - B-36-0050	
0010	1383+30.83 SB	-	1445+10.58 SB	IH 43 SB	--	--	1579.3	1469	1057	2204	1586	2204	1586	2204	1586	2204	1586	B-36-0050 - B-36-0052	
0010	1393+34.91 SB	-	1399+02.39 SB	IH 43 SB	--	--	114.8	128	92	128	92	128	92	128	92	128	92	CTH C NW RAMP/GORE	
0010	1446+66.02 SB	-	1474+18.95 SB BK	IH 43 SB	--	--	703.5	655	471	982	707	982	707	982	707	982	707	B-36-0052 - STATION EQUATION	
0010	1474+55.64 SB AH	-	1499+87.85 SB	IH 43 SB	--	--	647.1	602	433	903	650	903	650	903	650	903	650	STATION EQUATION - B-36-0056	
0010	1501+07.31 SB	-	1503+07.31 SB	IH 43 SB	--	--	106.7	48	34	71	51	71	51	71	51	71	51	B-36-0056 - N. PROJECT LIMITS	
SOUTHBOUND TOTALS					4,738	15,434	61,749	7,301	5,254	10,601	7,629	10,601	7,629	10,601	7,629	10,601	7,629		
PAGE TOTALS					4,738	30,714	120,693	14,268	10,354	20,967	15,016	20,967	15,016	20,967	15,016	20,967	15,016	20,967	

*QMP Nuc Density
 **PWL HMA Pavement

Addendum No. 01
ID 1224-21-73
Revised Sheet 92
December 8, 2016

HMA SUMMARY CONTINUED



CATEGORY	STATION TO	STATION	LOCATION	HMA-COLD WEATHER PAVING		TACK COAT GAL	REHEATING HMA PAVEMENT		ASPHALTIC SURFACE TEMPORARY		HMA PAVEMENT		REMARKS
				TON	GAL		STA	TON	TON	TON	TON	TON	
0010	1232+65.84 WS	-	1233+75.98 WS	WEIGH STATION	--	39.7	221	--	20	14	27	17	
0010	1233+75.98 WS	-	1234+83.48 WS	WEIGH STATION	--	19.4	215	--	--	16	--	20	
0010	1234+83.48 WS	-	1238+51.45 WS	WEIGH STATION	--	94.1	736	--	--	54	--	119	
0010	1239+85.41 WS	-	1244+49.84 WS	WEIGH STATION	--	128.1	929	--	--	28	--	206	
0010	1244+49.84 WS	-	1250+63.66 WS	WEIGH STATION	--	110.5	1228	--	--	90	--	113	
0010	1250+63.66 WS	-	1250+94.07 WS BK	WEIGH STATION	--	10.9	61	--	5	4	7	5	
0010	1250+74.10 WS AH	-	1251+89.63 WS	WEIGH STATION	--	41.6	232	--	21	15	26	19	
WEIGH STATION TOTALS					0	444	3622	0	46	221	60	498	

CATEGORY	STATION TO	STATION	LOCATION	HMA-COLD WEATHER PAVING		TACK COAT GAL	REHEATING HMA PAVEMENT		ASPHALTIC SURFACE TEMPORARY		HMA PAVEMENT		REMARKS
				TON	GAL		STA	TON	TON	TON	TON	TON	
CTH C INTERCHANGE													
0010	1371+97.48 SE	-	1373+32.95 SE	CTH C SE RAMP	--	48.8	271	--	24	17	30	22	
0010	1373+32.95 SE	-	1382+71.66 SE	CTH C SE RAMP	--	169.0	1878	--	--	138	--	172	
0010	1385+25.88 NE	-	1393+87.57 NE	CTH C NE RAMP	--	155.1	1724	--	--	126	--	158	
0010	1393+87.57 NE	-	1394+84.12 NE	CTH C NE RAMP	--	34.8	194	--	17	12	22	15	
0010	1371+90.28 SW	-	1372+92.20 SW	CTH C SW RAMP	18	36.7	204	--	18	13	23	16	
0010	1372+92.20 SW	-	1380+24.56 SW	CTH C SW RAMP	59	131.8	1465	--	--	107	--	134	
0010	1382+20.16 NW	-	1392+94.92 NW	CTH C NW RAMP	88	193.5	2150	--	--	158	--	197	
0010	1392+94.92 NW	-	1393+35.18 NW	CTH C NW RAMP	7	14.5	81	--	7	5	9	6	
CTH C INTERCHANGE TOTALS					172	784	7967	0	67	577	83	721	

CATEGORY	STATION TO	STATION	LOCATION	HMA-COLD WEATHER PAVING		TACK COAT GAL	REHEATING HMA PAVEMENT		ASPHALTIC SURFACE TEMPORARY		HMA PAVEMENT		REMARKS
				TON	GAL		STA	TON	TON	TON	TON	TON	
PARK & RIDE/SIDEROAD ROADWAYS													
0010			CTHC PARK & RIDE	--	50.9	--	--	--	--	95	--	--	
0010			POINT CREEK ROAD OVERPASS	--	9.3	--	--	46	--	--	--	--	
0010			NEWTON ROAD	--	11.2	--	--	29	--	--	--	--	
0010			CTHC WESTBOUND	--	219.2	--	--	--	--	402	--	--	B-36-0049 REMOVAL
0010			CTHC EASTBOUND	--	219.2	--	--	--	--	402	--	--	
PARK & RIDE TOTALS				0	510	0	0	75	0	899	0	0	

PROJECT TOTALS													
					4,910	32452	132,282	75	367	14,380	21,010	16,235	



Addendum No. 01
ID 1224-21-73
Revised Sheet 97
December 8, 2016

TEMPORARY CONCRETE BARRIER SUMMARY

CATEGORY	STATION	TO	STATION	LOCATION	CONCRETE BARRIER DELIVERED LF	CONCRETE BARRIER PRECAST INSTALLED LF	TEMPORARY PRECAST CUSHIONS EACH	614.0905 SPV.0060.02 TEMPORARY THRIE BEAM CONNECTION EACH	BACK WIDTH FT	OBJECT MARKING PATTERN	CRASH TEST LEVEL	TRAFFIC DIRECTION	**TRAFFIC LOCATION	CRASH CUSHION SHIELDS
NORTHBOUND														
0010	1229+83.94 'NB'	-	1231+21.44 'NB'	IH 43 NB RT	137.5	137.5	1	1	4	OM-3R	TL-3	UNIDIRECTIONAL	LT	B-36-0014 NE PARAPET
0010	1229+83.94 'NB'	-	1232+33.94 'NB'	IH 43 NB LT	250.0	250.0	1	1	4	OM-3L	TL-3	UNIDIRECTIONAL	RT	B-36-0014 NW PARAPET
0010	1271+76.10 'NB'	-	1273+13.60 'NB'	IH 43 NB RT	137.5	137.5	1	1	4	OM-3R	TL-3	UNIDIRECTIONAL	LT	B-36-0048 NE PARAPET
0010	1271+76.10 'NB'	-	1274+26.10 'NB'	IH 43 NB LT	250.0	250.0	1	1	4	OM-3L	TL-3	UNIDIRECTIONAL	RT	B-36-0048 NW PARAPET
0010	1326+14.00 'NB'	-	1327+51.50 'NB'	IH 43 NB RT	137.5	137.5	1	1	4	OM-3R	TL-3	UNIDIRECTIONAL	LT	B-36-0041 NE PARAPET
0010	1326+14.00 'NB'	-	1328+64.00 'NB'	IH 43 NB LT	250.0	250.0	1	1	4	OM-3L	TL-3	UNIDIRECTIONAL	RT	B-36-0041 NW PARAPET
0010	1364+00.00 'NB'	-	1367+00.00 'NB'	IH 43 NB LT	300.0	300.0	2	--	4	OM-3R AND OM-3L	TL-3	UNIDIRECTIONAL	RT	CROSSOVER EXCAVATION
0010	1384+06.51 'NB'	-	1387+06.51 'NB'	IH 43 NB RT	300.0	300.0	1	1	4	OM-3R	TL-3	UNIDIRECTIONAL	LT	B-36-0051 NE PARAPET
0010	1384+06.51 'NB'	-	1386+56.51 'NB'	IH 43 NB LT	250.0	250.0	1	1	4	OM-3L	TL-3	UNIDIRECTIONAL	RT	B-36-0051 NW PARAPET
0010	1447+35.00 'NB'	-	1457+85.00 'NB'	IH 43 NB RT	1,050.0	1,050.0	1	1	4	OM-3R	TL-3	UNIDIRECTIONAL	LT	B-36-0053 NE PARAPET
0010	1447+35.00 'NB'	-	1449+85.00 'NB'	IH 43 NB LT	262.5	262.5	1	1	4	OM-3L	TL-3	UNIDIRECTIONAL	RT	B-36-0053 NW PARAPET
0010	1501+31.06 'NB'	-	1502+68.56 'NB'	IH 43 NB RT	137.5	137.5	1	1	4	OM-3R	TL-3	UNIDIRECTIONAL	LT	B-36-0057 NE PARAPET
0010	1501+31.06 'NB'	-	1503+81.06 'NB'	IH 43 NB LT	400.0	400.0	1	1	4	OM-3L	TL-3	UNIDIRECTIONAL	RT	B-36-0057 NW PARAPET
0010	1516+38.00 'NB'	-	1520+38.00 'NB'	IH 43 NB	400.0	400.0	1	--	4	OM-3R	TL-3	BIDIRECTIONAL	RTL/LT	N. CROSSOVER EXIT
NORTHBOUND TOTALS					4262.5	4262.5	15	12						
SOUTHBOUND														
0010	1199+35.00 'SB'	-	1203+35.00 'SB'	IH 43 SB	400.0	400.0	1	--	2	OM-3R	TL-3	BIDIRECTIONAL	RTL/LT	S. CROSSOVER EXIT
SOUTHBOUND TOTALS					400.0	400.0	1	--						
PROJECT TOTALS					4662.5	4662.5	16	12						

**LT AND RT IS BASED ON ALIGNMENT STATIONING

PROJECT NO: 1224-21-73

HWY: IH 43

COUNTY: MANITOWOC

MISCELLANEOUS QUANTITIES

SHEET: 97

E

FILE NAME : N:\PDS\...030200.mq.pptx

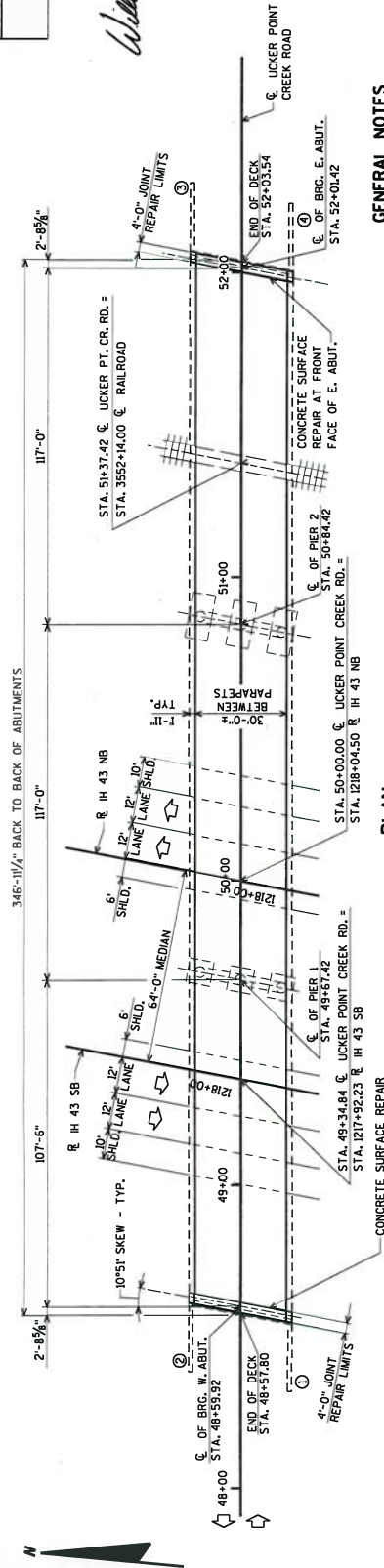
PLOT DATE : June 14, 1911

PLOT BY : A.R.H.

PLOT NAME :

PLOT SCALE : 1:1

William C. Decker DR
12/06/16



GENERAL NOTES

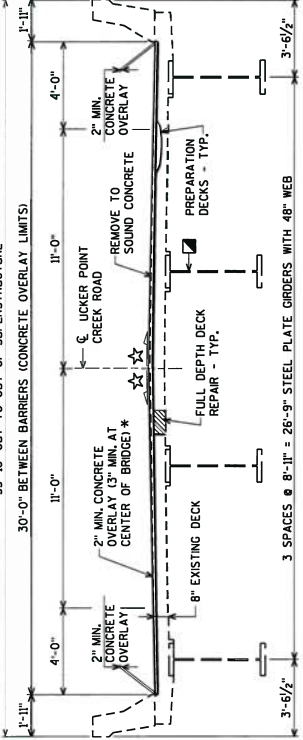
DRAWINGS SHALL NOT BE SCALED. DIMENSIONS SHOWN ARE BASED ON ORIGINAL STRUCTURE PLANS. DIMENSIONS OF HIGH OR LOW CONCRETE SHALL BE REMOVED FROM THE ORIGINAL DRAWINGS AND RECONSTRUCTED TO THE PROPOSED JOINT REPAIR LIMITS. ANY EXCAVATION NECESSARY TO COMPLETE THE OVERLAY OR JOINT REPAIR AT THE ABUTMENTS IS CONSIDERED INCIDENTAL TO THE BID ITEM. CONCRETE MASONRY OVERLAY DECKS. REMOVAL LINES NOT COVERED WITH A CONCRETE OVERLAY SHALL BE DEFINED BY A 1" DEEP SAW CUT AT THE CONCRETE SURFACES. OTHERWISE, ALL JOINTS SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SPECIFIED OR NOTED. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. PREPARATION DECKS TYPE 1, PREPARATION DECKS TYPE 2, CONCRETE SURFACE REPAIR AND FULL DEPTH DECK REPAIR ARE TO BE DETERMINED BY THE FIELD ENGINEER. APPLY BRIDGE SEAL PROTECTION, AS PER SECTION 602.31.2 OF THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, TO ALL JOINTS BELOW EXPANSION DEVICES, POWER WASH AND ADEQUATELY DRY SURFACES BEFORE APPLICATION. WORK TO BE INCIDENTAL TO "JOINT REPAIR". PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 2". PLACED ABOVE THE DECK SURFACE AFTER "CLEANING DECKS", EXPECTED AVERAGE OVERLAY THICKNESS IS 3". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/8", CONTACT THE STRUCTURES DESIGN SECTION. PARAPET JOINTS TO BE SEALED WITH NON-STANDING GRADE POLYURETHANE SEALANT. ALL JOINTS TO BE REPAIRED TO "JOINT REPAIR". OF CONCRETE WORK CONSIDERED INCIDENTAL TO "JOINT REPAIR". PAINT COLOR TO BE BROWN (FEDERAL STANDARD COLOR NO. 20059). CLEAN FULL LENGTH OF PARAPETS ACCORDING TO STSP ITEM 509.9050.S "CLEANING PARAPETS". PROTECTIVE SURFACE TREATMENT IS TO BE APPLIED TO THE TOP OF THE OVERLAY AND PIGMENTED SURFACE SEALER IS TO BE APPLIED TO THE TOP AND INSIDE FACE OF PARAPETS.

LEGEND

- * THE PROPOSED OVERLAY THICKNESS VARIES FROM A MINIMUM OF 2" AT THE PARAPETS TO 3" AT THE CROWN. THE MINIMUM AVERAGE OVERLAY THICKNESS IS 2 1/2". THE EXPECTED AVERAGE OVERLAY THICKNESS IS 3".
- △ BID ITEM ALSO INCLUDES CONCRETE FOR:
 - "PREPARATION DECKS TYPE 1"
 - "PREPARATION DECKS TYPE 2"
 - "FULL-DEPTH DECK REPAIR"
 - "JOINT REPAIR"
- ☆ NEW CONCRETE OVERLAY SLOPE = 0.02 %
- ★ CURRENT DECK SLOPE = 0.015 %
- DENOTES WING NUMBER.
- ☑ CLEAN AND PAINT 6" END SECTIONS OF ALL GIRDERS AND END DIAPHRAGMS ADJACENT TO JOINTS ONLY.
- DO NOT PAINT EXTERIOR FACE OF EXTERIOR GIRDERS.

Addendum No. 01
ID 1224-21-73
Revised Sheet 312
December 8, 2016

CROSS SECTION THRU BRIDGE
(LOOKING EAST)



TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	TOTAL
502-0140	CONCRETE MASONRY BRIDGES	CY	2
502-3100	EXPANSION DEVICES B-36-46	LS	2
502-3200	PROTECTIVE SURFACE TREATMENT	SY	1160
502-3210	PIGMENTED SURFACE SEALER	SY	330
502-4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	58
505-0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,330
505-0301	PREPARATION DECKS TYPE 1	SY	5
505-0302	PREPARATION DECKS TYPE 2	SY	2
509-0500	CLEANING DECKS	SY	1,130
509-1000	JOINT REPAIR	SY	31
509-1500	CONCRETE SURFACE REPAIR	SF	60
509-2000	FULL-DEPTH DECK REPAIR	SY	2
509-2500	CONCRETE MASONRY OVERLAY DECKS	SY	406
509-9050.S	CLEANING PARAPETS	LF	110
517-3000.S	STRUCTURE OVERCOATING CLEANING AND PRIMING B-36-46	LS	1
517-4000.S	CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-36-46	LS	1

DESIGN DATA

LIVE LOAD:
DESIGN LOADING: HS-20
INVENTORY RATING: HS-20
OPERATING RATING: HS-20
WISCONSIN STANDARD PERMIT VEHICLE (MS-SPV) = 210 KIPS

MATERIAL PROPERTIES:
CONCRETE MASONRY $f'_c = 4,000$ p.s.i.
HIGH STRENGTH BAR STEEL REINFORCEMENT GRADE 60 $f_y = 60,000$ p.s.i.

TRAFFIC DATA:
IL 43
A.D.T. = 25,000 (2016)
A.D.T. = 29,500 (2036)
R.D.S. = 40 M.P.H.



12/5/2016

BRIDGE OFFICE CONTACT:
WILLIAM DREHER
608-286-9469

CONSULTANT CONTACT:
DAN STOOM
608-286-9469

NO.	DATE	REVISION	BY
1	12/5/16	CONCRETE QUANTITY	AYRES

ORIGINAL PLANS PREPARED BY
AVRES ASSOCIATES
3433 Oakwood Hills Parkway
500 North Lincoln Avenue
Waukesha, WI 53186
www.avresassociates.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED: _____ DATE: _____
CHIEF STRUCTURES DESIGN ENGINEER

STRUCTURE B-36-46
UCKER POINT CREEK RD OVER IH 43 & RAILROAD

COUNTY: MANTOWOC TOWNSHIP: CENTREVILLE

DESIGN SPEC: REHABILITATION N/A

DESIGNED BY: JWS (ESS) DRAWN BY: CMJ/CLS/GRB
CHECKED BY: AEB (ESS)

PLANS SHEET 1 OF 6
GENERAL PLAN
312



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract 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	4.000 EACH	_____.	_____.
0020	203.0200 Removing Old Structure (station) 08. 1445+80	LS	LUMP SUM	_____.
0030	203.0200 Removing Old Structure (station) 09. 1446+22	LS	LUMP SUM	_____.
0040	203.0200 Removing Old Structure (station) 13. 1382+50	LS	LUMP SUM	_____.
0050	203.0200 Removing Old Structure (station) 15. 10+02	LS	LUMP SUM	_____.
0060	203.0600.S Removing Old Structure Over Waterway With Minimal Debris (station) 01. 10+00	LS	LUMP SUM	_____.
0070	204.0100 Removing Pavement	1,058.000 SY	_____.	_____.
0080	204.0105 Removing Pavement Butt Joints	967.000 SY	_____.	_____.
0090	204.0110 Removing Asphaltic Surface	310.000 SY	_____.	_____.
0100	204.0115 Removing Asphaltic Surface Butt Joints	4,533.000 SY	_____.	_____.
0110	204.0120 Removing Asphaltic Surface Milling	251,961.000 SY	_____.	_____.
0120	204.0150 Removing Curb & Gutter	524.000 LF	_____.	_____.
0130	204.0155 Removing Concrete Sidewalk	71.000 SY	_____.	_____.
0140	204.0165 Removing Guardrail	11,400.000 LF	_____.	_____.
0150	204.0170 Removing Fence	710.000 LF	_____.	_____.
0160	204.0190 Removing Surface Drains	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0170	204.0195 Removing Concrete Bases	6.000 EACH	_____.	_____.
0180	204.0220 Removing Inlets	8.000 EACH	_____.	_____.
0190	204.9060.S Removing (item description) 01. Culvert Endwalls	4.000 EACH	_____.	_____.
0200	205.0100 Excavation Common	6,033.000 CY	_____.	_____.
0210	206.1000 Excavation for Structures Bridges (structure) 08. B-36-0052	LS	LUMP SUM	_____.
0220	206.1000 Excavation for Structures Bridges (structure) 09. B-36-0053	LS	LUMP SUM	_____.
0230	206.1000 Excavation for Structures Bridges (structure) 14. B-36-0230	LS	LUMP SUM	_____.
0240	206.1000 Excavation for Structures Bridges (structure) 15. B-36-0231	LS	LUMP SUM	_____.
0250	206.2000 Excavation for Structures Culverts (structure) 13. B-36-0064	LS	LUMP SUM	_____.
0260	208.0100 Borrow	1,963.000 CY	_____.	_____.
0270	210.1100 Backfill Structure Type A	190.000 CY	_____.	_____.
0280	210.1500 Backfill Structure Type A	1,020.000 TON	_____.	_____.
0290	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 1224-21-73	LS	LUMP SUM	_____.
0300	213.0100 Finishing Roadway (project) 01. 1224-21-73	1.000 EACH	_____.	_____.
0310	305.0110 Base Aggregate Dense 3/4-Inch	8,975.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0320	305.0120 Base Aggregate Dense 1 1/4-Inch	1,641.000 TON	_____	_____
0330	305.0500 Shaping Shoulders	1,278.000 STA	_____	_____
0340	311.0110 Breaker Run	1,251.000 TON	_____	_____
0350	390.0303 Base Patching Concrete	3,369.000 SY	_____	_____
0360	415.0080 Concrete Pavement 8-Inch	430.000 SY	_____	_____
0370	415.0410 Concrete Pavement Approach Slab	628.000 SY	_____	_____
0380	416.0610 Drilled Tie Bars	2,530.000 EACH	_____	_____
0390	416.0620 Drilled Dowel Bars	2,800.000 EACH	_____	_____
0400	416.1010 Concrete Surface Drains	4.000 CY	_____	_____
0410	440.4410 Incentive IRI Ride	42,176.000 DOL	1.00000	42,176.00
0420	450.4000 HMA Cold Weather Paving	4,910.000 TON	_____	_____
0430	455.0605 Tack Coat	32,452.000 GAL	_____	_____
0440	460.2000 Incentive Density HMA Pavement	17,790.000 DOL	1.00000	17,790.00
0450	460.2010 Incentive Air Voids HMA Pavement	46,650.000 DOL	1.00000	46,650.00
0460	460.4110.S Reheating HMA Pavement Longitudinal Joints	132,282.000 LF	_____	_____
0470	460.5223 HMA Pavement 3 LT 58-28 S	14,380.000 TON	_____	_____
0480	460.5224 HMA Pavement 4 LT 58-28 S	12,050.000 TON	_____	_____



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0490	460.7223 HMA Pavement 3 HT 58-28 S	21,010.000 TON	_____.	_____.
0500	460.7224 HMA Pavement 4 HT 58-28 S	16,235.000 TON	_____.	_____.
0510	465.0105 Asphaltic Surface	75.000 TON	_____.	_____.
0520	465.0125 Asphaltic Surface Temporary	387.000 TON	_____.	_____.
0530	465.0400 Asphaltic Shoulder Rumble Strips	112,494.000 LF	_____.	_____.
0540	502.0100 Concrete Masonry Bridges	1,156.000 CY	_____.	_____.
0550	502.3100 Expansion Device (structure) 03. B-36-0046	LS	LUMP SUM	_____.
0560	502.3100 Expansion Device (structure) 06. B-36-0050	LS	LUMP SUM	_____.
0570	502.3100 Expansion Device (structure) 07. B-36-0051	LS	LUMP SUM	_____.
0580	502.3200 Protective Surface Treatment	8,638.000 SY	_____.	_____.
0590	502.3210 Pigmented Surface Sealer	1,811.000 SY	_____.	_____.
0600	502.4204 Adhesive Anchors No. 4 Bar	19.000 EACH	_____.	_____.
0610	502.4205 Adhesive Anchors No. 5 Bar	236.000 EACH	_____.	_____.
0620	503.0137 Prestressed Girder Type I 36W-Inch	360.000 LF	_____.	_____.
0630	504.0100 Concrete Masonry Culverts	8.000 CY	_____.	_____.
0640	505.0400 Bar Steel Reinforcement HS Structures	16,940.000 LB	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0650	505.0600 Bar Steel Reinforcement HS Coated Structures	197,170.000 LB	_____.	_____.
0660	505.0800.S Bar Steel Reinforcement HS Stainless Structures	1,974.000 LB	_____.	_____.
0670	506.2605 Bearing Pads Elastomeric Non-Laminated	10.000 EACH	_____.	_____.
0680	506.4000 Steel Diaphragms (structure) 01. B-36-0230	4.000 EACH	_____.	_____.
0690	509.0301 Preparation Decks Type 1	688.000 SY	_____.	_____.
0700	509.0302 Preparation Decks Type 2	242.000 SY	_____.	_____.
0710	509.0500 Cleaning Decks	7,273.000 SY	_____.	_____.
0720	509.1000 Joint Repair	77.000 SY	_____.	_____.
0730	509.1500 Concrete Surface Repair	544.000 SF	_____.	_____.
0740	509.2000 Full-Depth Deck Repair	13.000 SY	_____.	_____.
0750	509.2500 Concrete Masonry Overlay Decks	761.000 CY	_____.	_____.
0760	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 01. B-36-0040	524.000 SY	_____.	_____.
0770	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 02. B-36-0041	505.000 SY	_____.	_____.
0780	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 04. B-36-0047	479.000 SY	_____.	_____.
0790	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 05. B-36-0048	524.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0800	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 06. B-36-0050	869.000 SY	_____.	_____.
0810	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 07. B-36-0051	869.000 SY	_____.	_____.
0820	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 08. B-36-0052	622.000 SY	_____.	_____.
0830	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 09. B-36-0053	697.000 SY	_____.	_____.
0840	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 10. B-36-0056	527.000 SY	_____.	_____.
0850	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 11. B-36-0057	527.000 SY	_____.	_____.
0860	509.9050.S Cleaning Parapets	3,859.000 LF	_____.	_____.
0870	511.1100 Temporary Shoring	400.000 SF	_____.	_____.
0880	516.0500 Rubberized Membrane Waterproofing	57.000 SY	_____.	_____.
0890	517.3000.S Structure Overcoating Cleaning and Priming (structure) 01. B-36-0046	LS	LUMP SUM	_____.
0900	517.4000.S Containment and Collection of Waste Materials (structure) 01. B-36-0046	LS	LUMP SUM	_____.
0910	520.8700 Cleaning Culvert Pipes	6.000 EACH	_____.	_____.
0920	520.9700.S Culvert Pipe Liners (size) 01. 21-Inch	40.000 LF	_____.	_____.
0930	520.9750.S Cleaning Culvert Pipes for Liner Verification	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0940	522.0118 Culvert Pipe Reinforced Concrete Class III 18-Inch	56.000 LF	_____.	_____.
0950	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	4.000 EACH	_____.	_____.
0960	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	_____.	_____.
0970	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	2.000 EACH	_____.	_____.
0980	550.0600 Pile Redriving	20.000 EACH	_____.	_____.
1000	550.2104 Piling CIP Concrete 10 3/4 X 0.25-Inch	1,700.000 LF	_____.	_____.
1010	601.0409 Concrete Curb & Gutter 30-Inch Type A	524.000 LF	_____.	_____.
1020	602.0405 Concrete Sidewalk 4-Inch	704.000 SF	_____.	_____.
1030	603.8000 Concrete Barrier Temporary Precast Delivered	4,662.500 LF	_____.	_____.
1040	603.8125 Concrete Barrier Temporary Precast Installed	4,662.500 LF	_____.	_____.
1050	604.0600 Slope Paving Select Crushed Material	278.000 SY	_____.	_____.
1060	604.9010.S Slope Paving Repair Crushed Aggregate	33.000 CY	_____.	_____.
1070	606.0100 Riprap Light	3.000 CY	_____.	_____.
1080	606.0200 Riprap Medium	2.000 CY	_____.	_____.
1090	606.0300 Riprap Heavy	214.000 CY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1100	611.0430 Reconstructing Inlets	7.000 EACH	_____.	_____.
1110	611.0600 Inlet Covers Type A	7.000 EACH	_____.	_____.
1120	611.0642 Inlet Covers Type MS	1.000 EACH	_____.	_____.
1130	611.3220 Inlets 2x2-FT	7.000 EACH	_____.	_____.
1140	611.3901 Inlets Median 1 Grate	1.000 EACH	_____.	_____.
1150	611.8115 Adjusting Inlet Covers	16.000 EACH	_____.	_____.
1160	612.0406 Pipe Underdrain Wrapped 6-Inch	440.000 LF	_____.	_____.
1170	614.0010 Barrier System Grading Shaping Finishing	39.000 EACH	_____.	_____.
1180	614.0150 Anchor Assemblies for Steel Plate Beam Guard	13.000 EACH	_____.	_____.
1190	614.0215 Steel Thrie Beam Structure Approach Retrofit Span	17.000 EACH	_____.	_____.
1200	614.0220 Steel Thrie Beam Bullnose Terminal	2.000 EACH	_____.	_____.
1210	614.0230 Steel Thrie Beam	125.000 LF	_____.	_____.
1220	614.0397 Guardrail Mow Strip Emulsified Asphalt	4,761.000 SY	_____.	_____.
1230	614.0905 Crash Cushions Temporary	16.000 EACH	_____.	_____.
1240	614.2300 MGS Guardrail 3	9,062.500 LF	_____.	_____.
1250	614.2500 MGS Thrie Beam Transition	1,404.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1260	614.2610 MGS Guardrail Terminal EAT	41.000 EACH	_____	_____
1270	614.2620 MGS Guardrail Terminal Type 2	7.000 EACH	_____	_____
1280	616.0100 Fence Woven Wire (height) 01. 4.0- FEET	710.000 LF	_____	_____
1290	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1224-21-73	1.000 EACH	_____	_____
1300	619.1000 Mobilization	1.000 EACH	_____	_____
1310	624.0100 Water	103.300 MGAL	_____	_____
1320	625.0100 Topsoil	27,740.000 SY	_____	_____
1330	625.0500 Salvaged Topsoil	4,850.000 SY	_____	_____
1340	628.1504 Silt Fence	10,140.000 LF	_____	_____
1350	628.1520 Silt Fence Maintenance	10,140.000 LF	_____	_____
1360	628.1905 Mobilizations Erosion Control	5.000 EACH	_____	_____
1370	628.1910 Mobilizations Emergency Erosion Control	5.000 EACH	_____	_____
1380	628.2004 Erosion Mat Class I Type B	32,600.000 SY	_____	_____
1390	628.6005 Turbidity Barriers	85.000 SY	_____	_____
1400	628.7005 Inlet Protection Type A	9.000 EACH	_____	_____
1410	628.7015 Inlet Protection Type C	20.000 EACH	_____	_____
1420	628.7504 Temporary Ditch Checks	135.000 LF	_____	_____



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1430	628.7555 Culvert Pipe Checks	11.000 EACH	_____	_____
1440	629.0210 Fertilizer Type B	20.000 CWT	_____	_____
1450	630.0120 Seeding Mixture No. 20	880.000 LB	_____	_____
1460	630.0200 Seeding Temporary	445.000 LB	_____	_____
1470	633.0100 Delineator Posts Steel	30.000 EACH	_____	_____
1480	633.0500 Delineator Reflectors	30.000 EACH	_____	_____
1490	633.1100 Delineators Temporary	109.000 EACH	_____	_____
1500	633.5200 Markers Culvert End	27.000 EACH	_____	_____
1510	634.0612 Posts Wood 4x6-Inch X 12-FT	44.000 EACH	_____	_____
1520	634.0614 Posts Wood 4x6-Inch X 14-FT	38.000 EACH	_____	_____
1530	634.0616 Posts Wood 4x6-Inch X 16-FT	37.000 EACH	_____	_____
1540	635.0200 Sign Supports Structural Steel HS	6,353.000 LB	_____	_____
1550	636.0100 Sign Supports Concrete Masonry	10.400 CY	_____	_____
1560	636.0500 Sign Supports Steel Reinforcement	626.000 LB	_____	_____
1570	637.1220 Signs Type I Reflective SH	1,179.500 SF	_____	_____
1580	637.2210 Signs Type II Reflective H	1,017.760 SF	_____	_____
1590	637.2215 Signs Type II Reflective H Folding	40.000 SF	_____	_____



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1600	637.2230 Signs Type II Reflective F	101.000 SF	_____	_____
1610	638.2601 Removing Signs Type I	11.000 EACH	_____	_____
1620	638.2602 Removing Signs Type II	93.000 EACH	_____	_____
1630	638.3000 Removing Small Sign Supports	112.000 EACH	_____	_____
1640	638.3100 Removing Structural Steel Sign Supports	14.000 EACH	_____	_____
1650	642.5401 Field Office Type D	1.000 EACH	_____	_____
1660	643.0100 Traffic Control (project) 01. 1224-21-73	1.000 EACH	_____	_____
1670	643.0300 Traffic Control Drums	85,890.000 DAY	_____	_____
1680	643.0420 Traffic Control Barricades Type III	16,420.000 DAY	_____	_____
1690	643.0500 Traffic Control Flexible Tubular Marker Posts	1,370.000 EACH	_____	_____
1700	643.0600 Traffic Control Flexible Tubular Marker Bases	1,370.000 EACH	_____	_____
1710	643.0705 Traffic Control Warning Lights Type A	30,805.000 DAY	_____	_____
1720	643.0715 Traffic Control Warning Lights Type C	8,525.000 DAY	_____	_____
1730	643.0800 Traffic Control Arrow Boards	730.000 DAY	_____	_____
1740	643.0900 Traffic Control Signs	31,960.000 DAY	_____	_____
1750	643.0920 Traffic Control Covering Signs Type II	25.000 EACH	_____	_____
1760	643.1000 Traffic Control Signs Fixed Message	195.500 SF	_____	_____



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1770	643.1050 Traffic Control Signs PCMS	90.000 DAY	_____.	_____.
1780	643.2000 Traffic Control Detour (project) 01. 1224-21-73	1.000 EACH	_____.	_____.
1790	643.3000 Traffic Control Detour Signs	2,296.000 DAY	_____.	_____.
1800	645.0120 Geotextile Type HR	327.000 SY	_____.	_____.
1810	646.0106 Pavement Marking Epoxy 4-Inch	206,887.000 LF	_____.	_____.
1820	646.0126 Pavement Marking Epoxy 8-Inch	284.000 LF	_____.	_____.
1830	646.0600 Removing Pavement Markings	115,984.000 LF	_____.	_____.
1840	646.0790.S Removing Raised Pavement Markers	553.000 EACH	_____.	_____.
1850	646.0841.S Pavement Marking Grooved Wet Reflective Contrast Tape 4-Inch	14,483.000 LF	_____.	_____.
1860	646.0883.S Pavement Marking Grooved Wet Reflective Tape 8-Inch	5,847.000 LF	_____.	_____.
1870	647.0166 Pavement Marking Arrows Epoxy Type 2	2.000 EACH	_____.	_____.
1880	647.0256 Pavement Marking Symbols Epoxy	1.000 EACH	_____.	_____.
1890	647.0656 Pavement Marking Parking Stall Epoxy	530.000 LF	_____.	_____.
1900	647.0803 Pavement Marking Aerial Enforcement Bars Epoxy 24-Inch	108.000 LF	_____.	_____.
1910	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	4,467.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001 Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1920	649.0402 Temporary Pavement Marking Paint 4-Inch	237,162.000 LF	_____.	_____.
1930	649.0801 Temporary Pavement Marking Removable Tape 8-Inch	200.000 LF	_____.	_____.
1940	649.2100 Temporary Raised Pavement Markers Type I	454.000 EACH	_____.	_____.
1950	650.6000 Construction Staking Pipe Culverts	4.000 EACH	_____.	_____.
1960	650.6500 Construction Staking Structure Layout (structure) 14. B-36-0230	LS	LUMP SUM	_____.
1970	650.6500 Construction Staking Structure Layout (structure) 15. B-36-0231	LS	LUMP SUM	_____.
1980	650.8000 Construction Staking Resurfacing Reference	79,630.000 LF	_____.	_____.
1990	650.9910 Construction Staking Supplemental Control (project) 01. 1224-21-73	LS	LUMP SUM	_____.
2000	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	1,220.000 LF	_____.	_____.
2010	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	250.000 LF	_____.	_____.
2020	654.0110 Concrete Bases Type 10	2.000 EACH	_____.	_____.
2030	654.0113 Concrete Bases Type 13	4.000 EACH	_____.	_____.
2040	654.0217 Concrete Control Cabinet Bases Type 9 Special	1.000 EACH	_____.	_____.
2050	655.0230 Cable Traffic Signal 5-14 AWG	4,260.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
2060	655.0240 Cable Traffic Signal 7-14 AWG	310.000 LF	_____.	_____.
2070	655.0260 Cable Traffic Signal 12-14 AWG	2,290.000 LF	_____.	_____.
2080	655.0305 Cable Type UF 2-12 AWG Grounded	2,890.000 LF	_____.	_____.
2090	655.0515 Electrical Wire Traffic Signals 10 AWG	5,930.000 LF	_____.	_____.
2100	655.0610 Electrical Wire Lighting 12 AWG	1,050.000 LF	_____.	_____.
2110	657.0100 Pedestal Bases	1.000 EACH	_____.	_____.
2120	657.0425 Traffic Signal Standards Aluminum 15-FT	1.000 EACH	_____.	_____.
2130	657.1350 Install Poles Type 10	2.000 EACH	_____.	_____.
2140	657.1360 Install Poles Type 13	4.000 EACH	_____.	_____.
2150	657.1530 Install Monotube Arms 30-FT	2.000 EACH	_____.	_____.
2160	657.1540 Install Monotube Arms 40-FT	1.000 EACH	_____.	_____.
2170	657.1545 Install Monotube Arms 45-FT	1.000 EACH	_____.	_____.
2180	657.1550 Install Monotube Arms 50-FT	1.000 EACH	_____.	_____.
2190	657.1555 Install Monotube Arms 55-FT	1.000 EACH	_____.	_____.
2200	657.1812 Install Luminaire Arms Steel 12-FT	7.000 EACH	_____.	_____.
2210	658.0110 Traffic Signal Face 3-12 Inch Vertical	18.000 EACH	_____.	_____.
2220	658.0115 Traffic Signal Face 4-12 Inch Vertical	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001 Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
2230	658.0215 Backplates Signal Face 3 Section 12-Inch	18.000 EACH	_____.	_____.
2240	658.0220 Backplates Signal Face 4 Section 12-Inch	4.000 EACH	_____.	_____.
2250	658.0600 Led Modules 12-Inch Red Ball	14.000 EACH	_____.	_____.
2260	658.0605 Led Modules 12-Inch Yellow Ball	14.000 EACH	_____.	_____.
2270	658.0610 Led Modules 12-Inch Green Ball	14.000 EACH	_____.	_____.
2280	658.0615 Led Modules 12-Inch Red Arrow	8.000 EACH	_____.	_____.
2290	658.0620 Led Modules 12-Inch Yellow Arrow	16.000 EACH	_____.	_____.
2300	658.0625 Led Modules 12-Inch Green Arrow	4.000 EACH	_____.	_____.
2310	658.5069 Signal Mounting Hardware (location) 01. USH 151 & STH 42/Dufek Dr	LS	LUMP SUM	_____.
2320	658.5069 Signal Mounting Hardware (location) 02. IH 43 SB & USH 151	LS	LUMP SUM	_____.
2330	658.5069 Signal Mounting Hardware (location) 03. IH 43 NB & USH 151	LS	LUMP SUM	_____.
2340	659.1120 Luminaires Utility LED B	14.000 EACH	_____.	_____.
2350	690.0150 Sawing Asphalt	4,486.000 LF	_____.	_____.
2360	690.0250 Sawing Concrete	38,685.000 LF	_____.	_____.
2370	715.0415 Incentive Strength Concrete Pavement	500.000 DOL	1.00000	500.00
2380	715.0502 Incentive Strength Concrete Structures	8,798.000 DOL	1.00000	8,798.00



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
2390	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
2400	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	4,400.000 HRS	5.00000	22,000.00
2410	SPV.0060 Special 02. Temporary Thrie Beam Connection	12.000 EACH	_____	_____
2420	SPV.0060 Special 03. Pull Boxes Non-Conductive 24x42-Inch	2.000 EACH	_____	_____
2430	SPV.0060 Special 04. Hot Mix Asphalt Percent Within Limits (PWL) Test Strip	2.000 EACH	_____	_____
2440	SPV.0060 Special 12. Strapping B-36-0058	1.000 EACH	_____	_____
2450	SPV.0060 Special 13. Strapping B-36-0064	3.000 EACH	_____	_____
2460	SPV.0090 Special 01. Concrete Joint and Crack Cleaning	355.000 LF	_____	_____
2470	SPV.0090 Special 02. Removing Rumble Strips	4,147.000 LF	_____	_____
2480	SPV.0090 Special 03. Relapping MGS Guardrail 3	1,590.000 LF	_____	_____
2490	SPV.0105 Special 01. Remove Traffic Signal USH 151 & STH 42/Dufek Dr	LS	LUMP SUM	_____
2500	SPV.0105 Special 02. Remove Traffic Signal IH 43 SB & USH 151	LS	LUMP SUM	_____
2510	SPV.0105 Special 03. Remove Traffic Signal IH 43 NB & USH 151	LS	LUMP SUM	_____
2520	SPV.0180 Special 01. Continuously Reinforced Concrete Repair	3,960.000 SY	_____	_____



Proposal Schedule of Items

Proposal ID: 20161213018

Project(s): 1224-21-73

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
2530	SPV.0180 Special 03. Base Patching Concrete HES	2,261.000 SY	_____.	_____.
2540	460.2005 Incentive Density PWL HMA Pavement	46,650.000 DOL	1.00000	46,650.00
2550	550.2104 Piling CIP Concrete 10 3/4 X 0.25-Inch	5,550.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

