



Wisconsin Department of Transportation

November 8, 2018

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

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NOTICE TO ALL CONTRACTORS:

Proposal #19: 4100-21-71, WISC 2018 442
Valders – Manitowoc
Jackson Street – IH 43 SB Ramps
USH 151
Manitowoc County

Letting of November 13, 2018

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

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
211.0400	Prepare Foundation for Asphaltic Shoulders	STA	36	72	72
305.0500	Shaping Shoulders	STA	455	910	910

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
65	MISCELLANEOUS QUANTITIES (Change to MQ Table for Bid Item- <i>Prepare Foundation for Asphaltic Shoulders</i>)
67	MISCELLANEOUS QUANTITIES (Change to MQ Table for Bid Item- <i>Shaping Shoulders</i>)

Schedule of Items

Attached, dated November 8, 2018, are the revised Schedule of Items Page 2.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 65 and 67.

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

EARTHWORK SUMMARY (PROJECT I.D.: 110021-71)

Division	From/To Station	Location	(205,0100) Excavation Common		Salvaged/Unusable Pavement Material (4)	Available Material (5)	Unexpanded Fill	Expanded Fill (13)		Mass Ordinate +/- (14)	Waste	(208,0100) Borrow	Comment:
			Cut (2)	EBS Excavation (3)				Factor	1.25				
BRIDGE BEAM GUARD UPDATES	333+64.5 - 337+33	B-36-0026	22	0	0	22	228	285	263	263	-263		
BEAM GUARD UPDATES	417+40 - 424+89	ALVERNO ROAD	28	0	0	28	50	62	61	61	-61		
BRIDGE BEAM GUARD UPDATES	429+88 - 432+97	B-36-0105	235	0	0	235	136	172	-63	-63	63		
TURN LANE UPGRADES	471+00 - 481+50	HECKER ROAD	950	0	950	0	0	0	0	0	0		
SHOULDER AND DRIVEWAY REMOVAL			1,237	0	950	287	432	540	254	254	-254		
GRAND TOTAL		TOTAL EXCAVATION COMMON	1,237	0	950	287	432	540	254	254	-254		

Notes:

- (1) Excavation Common is the sum of the Cut and EBS Excavation columns. Item number 205,0100
- (2) Salvaged/Unusable Pavement Material is included in Cut.
- (3) EBS Excavation to be backfilled with Select Borrow material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well.
- (4) Salvaged/Unusable Pavement Material
- (5) Available Material = Cut - Salvaged/Unusable Pavement Material
- (13) Expanded Fill Factor = 1.25
- Depending on selections:
Or
Or
Or
- (14) The Mass Ordinate +/- or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.

Expanded Fill = (Unexpanded Fill - Rock, Rock Factor - Reduced Marsh - Reduced EBS) * Fill Factor
 Expanded Fill = (Unexpanded Fill - Rock * Rock Factor - Reduced EBS) * Fill Factor
 Expanded Fill = (Unexpanded Fill - Rock * Rock Factor - Reduced Marsh) * Fill Factor
 Expanded Fill = (Unexpanded Fill - Rock * Rock Factor) * Fill Factor

AGGREGATE SHOULDERS

CATEGORY	STATION	TO STATION	LOCATION	(305,0110) BASE AGGREGATE DENSE 3/4-INCH SHOULDERS		TON	SHAPE	STA
				TON	SHAPE			
0010	34+07	71+92	LT & RT	214	-			
	73+03	166+56	LT & RT	526	-			
	165+64	194+82	LT & RT	149	-			
	196+10	276+00	LT & RT	448	-			
	277+03	302+70	LT & RT	49	-			
	303+78	356+94	LT & RT	308	-			
	359+00	409+64	LT & RT	262	-			
	411+00	432+55	LT & RT	166	-			
	433+23	467+30	LT & RT	71	-			
	468+42	482+94	LT & RT	66	-			
	0+85	5+87	LT & RT	68	-			
	34+07	482+94	LT & RT	-	-			
		TOTALS		2,422	910			

ADDITIONAL QUANTITIES FOUND ELSEWHERE

NOTE: SHAPING SHOULDERS BID ITEM INCLUDES MOVING THE EXISTING AGGREGATE OUTSIDE OF THE WIDENED ASPHALT SHOULDER TO ACCOMMODATE PAVING OPERATIONS.

BASE AGGREGATE DENSE (AGGREGATE SIDEROADS & INTERSECTION IMPROVEMENTS)

CATEGORY	STATION	TO STATION	LOCATION	(305,0110) BASE AGGREGATE DENSE 3/4-INCH		TON	(305,0120) BASE AGGREGATE DENSE 1 1/4-INCH	
				TON	SHAPE		TON	SHAPE
0010	181+99	182+35	RT	2	-			
	183+87	195+18	LT	2	-			
	201+82	202+24	LT	2	-			
	232+29	233+29	RT	6	-			
	238+16	238+64	LT	3	-			
	391+21	391+91	LT	-	-			
		TOTALS		14	244			

ADDITIONAL QUANTITIES FOUND ELSEWHERE

GRADING AND SHAPING INTERSECTION (LOCATION)

CATEGORY	DESCRIPTION	(205,9010.S.01) LS	(205,9010.S.02) LS
0010	USH 151 & CTH S	1	-
	USH 151 & WIMMER ROAD	-	1
	TOTALS	1	1

Addendum No. 01
 ID 4100-21-71
 Revised Sheet 65
 November 8, 2018

Addendum No. 01
ID 4100-21-71
Revised Sheet 67
November 8, 2018

HMA PAVEMENT

CATEGORY	STATION	TO STATION	LEVELING LAYER (460.6224) *			UPPER LAYER HMA PAVEMENT 4 MT 59-28 S			LOWER LAYERS HMA PAVEMENT 4 MT 59-28 S			HMA PAVEMENT 4 MT 59-28 S			TACK (455.0605) COAT GAL		
			TON	TON #	AIR VOIDS	PWL INCENTIVE	TON	TON #	AIR VOIDS	PWL INCENTIVE	TON	TON #	AIR VOIDS	PWL INCENTIVE	TON	TON #	AIR VOIDS
0010	34+07	166+14	2,344	-	-	5,565	6,360	3,698	-	-	5,565	6,360	34+07	166+14	13,207	-	-
	166+30	431+32	4,885	-	-	11,628	13,289	7,421	-	-	11,628	13,289	166+30	431+32	26,502	-	-
	431+78	447+28	270	-	-	748	855	434	-	-	748	855	431+78	457+00	2,522	-	-
	447+28	480+79 / 481+74	-	-	-	2,848	1,662	2,848	-	-	2,848	1,662	447+28	482+94	2,594	-	-
	480+79 / 481+74	482+94	-	-	-	146	114	146	-	-	146	114	480+79 / 481+74	482+94	2,594	-	-
	INTERSECTION IMPROVEMENTS			194	194	194	65	65	194	194	194	65	65	5+97	512	-	-
	TOTALS			7,489	194	194	14,612	21,001	14,612	21,001	21,001	22,341	21,001	TOTAL	48,510	-	-

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

Total HMA Pavement 4 MT 59-28 S: 7,489 TON Leveling Layer + 194 TON Lower Layers + 21,001 Upper Layer + 1,283 TON Lower Layers (Shoulders) + 642 TON Upper Layer (Shoulders) = 30,619 TON

Tonnage is eligible for Incentive Density PWL HMA Pavement (460.2005) and Incentive Air Voids HMA Pavement (460.2010).

Tonnage is eligible for Incentive Air Voids HMA Pavement (460.2010) and density is tested for acceptance in those areas.

ASPHALT SHOULDERS ADJACENT TO CONCRETE PAVEMENT

CATEGORY	STATION	TO STATION	LOCATION	LOWER LAYERS (460.6224) *			UPPER LAYER HMA PAVEMENT 4 MT 59-28 S			TACK (455.0605) COAT GAL			BASE AGGREGATE DENSE 1 1/4-INCH
				TON	TON #	AIR VOIDS	TON	TON #	AIR VOIDS	TON	TON #	AIR VOIDS	
0010	447+53	451+95	LT	96	48	48	40	45	-	-	-	-	
	447+53	485+55	RT	392	196	181	163	181	-	-	-	-	
	453+88	467+31	LT	341	170	142	142	158	-	-	-	-	
	465+83	467+21	RT	84	42	39	35	32	-	-	-	-	
	468+42	475+51	RT	69	35	29	29	32	-	-	-	-	
	469+83	480+04	LT	204	102	102	85	95	-	-	-	-	
	476+40	481+85	RT	29	14	12	12	13	-	-	-	-	
	1+35	4+16	LT	27	13	12	11	12	-	-	-	-	
	1+35	5+88	RT	41	20	17	17	19	-	-	-	-	
	TOTALS			1,283	642	642	535	594	-	-	-	-	

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

NOTE: EXCAVATION COMMON QUANTITY FOR THE REMOVAL OF THE EXISTING ASPHALTIC SHOULDER IS INCLUDED IN THE EARTHWORK QUANTITY TABLES.

Tonnage is eligible for Incentive Air Voids HMA Pavement (460.2010) and density is tested for acceptance in those areas.

REHEATING HMA PAVEMENT LONGITUDINAL JOINTS

CATEGORY	STATION	TO STATION	LOCATION	LOCATION	LF
0010	34+07	166+14	ON LINE	(460.4110.S)	13,207
	166+30	431+32	ON LINE		26,502
	431+78	457+00	ON LINE		2,522
	457+00	482+94	RT		2,594
	482+94	482+94	LT		2,594
	484+63	467+04	LT		241
	488+17	471+92	LT		375
	471+57	475+37	RT		380
	476+61	478+75	LT		214
	478+16	481+85	RT		369
	0+85	5+97	ON LINE		512
	TOTAL				48,510

ASPHALTIC FLUMES

CATEGORY	STATION	TO STATION	LOCATION	SY	LF
0010	194+57	194+86	LT	12	25
	TOTALS			12	25

(465.0315)
ASPHALTIC
FLUMES

(465.0310)
ASPHALTIC
CURB

(211.0400)
STA

(211.0400)
LT & RT

(211.0400)
TOTAL

(211.0400)
96-72

(211.0400)
72

(211.0400)
96-72

(211.0400)
72

(211.0400)
96-72

(211.0400)
72

(211.0400)
96-72

(211.0400)
72

PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

(211.0400)

(211.0400)

(211.0400)

(211.0400)

(211.0400)

(211.0400)

(211.0400)

(211.0400)

(211.0400)

MISCELLANEOUS QUANTITIES

COUNTY: MANTOWOC

HWY: USH 151

PROJECT NO: 4100-21-71

SHEET 67

E

PLOT SCALE: 1:1200

PLOT NAME:

PLOT BY: JGG:Jens

PLOT DATE: 7/13/2017

MO: Sheet Border.dgn

FILE NAME: P:\30s\93\0093355\CADD\Sheets\plan\4100-21-71_Mo_Sheet_Border.dgn

WISDOT/CADD SHEET 43



Proposal Schedule of Items

Proposal ID: 20181113019 Project(s): 4100-21-71

Federal ID(s): WISC 2018442

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	211.0300 Prepare Foundation for Concrete Base (project) 01. 4100-21-71	LS	LUMP SUM	_____.
0034	211.0400 Prepare Foundation for Asphaltic Shoulders	72.000 STA	_____.	_____.
0036	213.0100 Finishing Roadway (project) 01. 4100-21-71	1.000 EACH	_____.	_____.
0038	305.0110 Base Aggregate Dense 3/4-Inch	2,558.000 TON	_____.	_____.
0040	305.0120 Base Aggregate Dense 1 1/4-Inch	1,667.000 TON	_____.	_____.
0042	305.0500 Shaping Shoulders	910.000 STA	_____.	_____.
0044	320.0365 Concrete Base HES 10-Inch	1,043.000 SY	_____.	_____.
0046	390.0403 Base Patching Concrete Shes	2,070.000 SY	_____.	_____.
0048	416.0610 Drilled Tie Bars	7,450.000 EACH	_____.	_____.
0050	416.0620 Drilled Dowel Bars	1,275.000 EACH	_____.	_____.
0052	440.4410 Incentive IRI Ride	72,000.000 DOL	1.00000	72,000.00
0054	455.0605 Tack Coat	22,940.000 GAL	_____.	_____.
0056	460.2005 Incentive Density PWL HMA Pavement	14,806.000 DOL	1.00000	14,806.00
0058	460.2010 Incentive Air Voids HMA Pavement	23,120.000 DOL	1.00000	23,120.00
0060	460.4110.S Reheating HMA Pavement Longitudinal Joints	49,510.000 LF	_____.	_____.
0062	460.6224 HMA Pavement 4 MT 58-28 S	30,622.000 TON	_____.	_____.