

# Wisconsin Department of Transportation

May 31, 2017

## 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 #31: 4085-61-60**  
**Hilbert - DePere**  
**NCPL Hilbert - NCL**  
**STH 32**  
**Calumet County**

### Letting of June 13, 2017

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

#### Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
7	Railroad Insurance and Coordination
8	Notice to Contractor – Work by Railroad
18	Pipe Underdrain Railroad 6-Inch, Item SPV.0090.01

#### Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
305.0120	Base Aggregate Dense 1-1/4 Inch	TON	746	-195	551
312.0110	Select Crushed Material	TON	460	1,120	1,580
624.0100	Water	MGAL	43.8	-3.0	40.8
645.0140	Geotextile Type SAS	SY	360	1,617	1,977

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.2000	Incentive Density HMA Pavement	DOL	0	300	300

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
465.0105	Asphaltic Surface	TON	225	-225	0
645.0111	Geotextile Type DF Schedule A	SY	512	-512	0

**Plan Sheets:**

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
9	Construction Detail (Revised finished typical section for railroad crossings at STH 32 within pavement section)
31	Miscellaneous Quantities (From/To Stations for Railroad Crossing were revised)
32	Miscellaneous Quantities (Added columns summarizing eligible tonnages for HMA Pavement 3 LT 58-28 S and HMA Pavement 4 LT 58-28 S in regards to Incentive Density PWL HMA Pavement 460.2005, Incentive Air Voids HMA Pavement 460.2010, and Incentive Density HMA Pavement 460.2000. Revised Base Aggregate Dense 1-1/4 Inch 305.0120, Select Crushed Material 312.0110, and Water 624.0100. Removed Asphaltic Surface 465.0105.)
33	Miscellaneous Quantities (Removed Geotextile Type DF Schedule A 645.0111 and revised Geotextile Type SAS 645.0140)
43	Plan (Stations for full depth asphalt were revised to match earthwork stations)
106	Earthwork Data (Stations were revised)

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**

**4085-61-60**

**May 31, 2017**

**Special Provisions**

**3. Prosecution and Progress**

*Replace paragraph four with the following:*

**Railroad Crossing Reconstruction**

At the beginning of the work at the railroad crossings located between STA 92+64 and STA 96+45 on STH 32, close and detour STH 32 to through traffic for a maximum of 10 working days. Complete all work between STA 92+64 and STA 96+45 except for the surface layer of HMA and the placing of final shoulders.

*Replace paragraphs six and seven with the following:*

Complete all work for each individual railroad crossing excavation and placement of select crushed material within a four hour window commencing on a mutually agreed upon date and time between the contractor and the railroad. Each railroad crossing will have its own separate 4 hour window to complete the work by the contractor.

If the contractor fails to complete the railroad crossing excavations and placement of select crushed material within these four hour windows commencing on a mutually agreed upon date and time between the contractor and the railroad, the department will assess the contractor an initial deduction of \$1,000 in interim liquidated damages and \$1,000 per hour or portion thereof in hourly damages from money due under this contract for each hour interval that the railroad crossing excavation and select crushed material work is not completed. Hourly damages will be assessed using the administrative item Failing to Open Road to Traffic.

**7. Railroad Insurance and Coordination**

*Replace entire subsection title A.2 Work by Railroad with the following:*

**A.2 Work by Railroad**

The railroad will perform the work described in this section, except for work described in other special provisions and will be accomplished without cost to the contractor. Prior to the track windows and highway closure to replace the two at-grade crossings surfaces, the contractor shall set up a meeting with the Railroad and Department to coordinate final construction details and staging. The railroad will remove the track and crossing surface. Then the contractor will excavate to subgrade, place 20" of select crushed material. Then the railroad will place ballast, track and crossing surface. Also, the railroad will be relocating their railroad signal wires so they are not in the way of excavation.

**8. Notice to Contractor – Work by Railroad**

*Replace entire article language with the following:*

Wisconsin Central Ltd. will be performing crossing work concurrently with this project as outlined in 7. Railroad Insurance and Coordination and as shown in the construction details in the plan. Close coordination with the railroad is required, especially with regards to the installation of the new crossings. Upon the railroads removal of the existing tracks and crossing surface at STA 93+85, the

contractor has a four hour window at the railroad crossing to complete excavation and placement of the select crushed material prior to the railroad placing ballast and the new crossings. Upon the railroads removal of the existing tracks and crossing surface at STA 95+40, the contractor has a four hour window at the railroad crossing to complete excavation and placement of the select crushed material. Completion of the excavation and placement of the select crushed material is subject to liquidated damages.

**18. Pipe Underdrain Railroad 6-Inch, Item SPV.0090.01**

*Replace entire article language with the following:*

**A Description**

This special provision describes constructing pipe underdrain adjacent to railroad tracks in accordance to section 612 of the standard specifications, as shown on the plans, as directed by the engineer, and as hereinafter provided.

**B Materials**

Furnish Schedule 80 PVC pipe in accordance to the requirements of ASTM Specification D1784 and D1785. Furnish pipe perforated according to AASHTO M278. Fittings shall conform to ASTM D4396.

Furnish Geotextile Type DF Schedule A meeting the requirements of standard spec 645.2.2.4.

Furnish Base Aggregate Open Graded meeting the requirement of standard spec 310.2.

**C Construction**

Construct in accordance to the requirements of standard spec 612.3 and as shown on the plans.

Geotextile type DF schedule A is to be wrapped around pipe underdrain.

Geotextile type DF schedule A is to be installed between base aggregate open graded and select crushed material as shown on the plans.

**D Measurement**

The department will measure Pipe Underdrain Railroad 6-Inch, by the linear foot acceptably completed. The department will measure along the centerline of the pipe, center to center of junctions and fittings.

**E Payment**

The department will pay for measured quantities at the contract unit price under the following bid items:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
SPV.0090.01	Pipe Underdrain Railroad 6-Inch	LF

Payment is full compensation for furnishing all materials including pipe, connections, geotextile type DF schedule A, and base aggregate open graded; for laying pipe; for connecting to storm sewer structures; for backfilling.

**Schedule of Items**

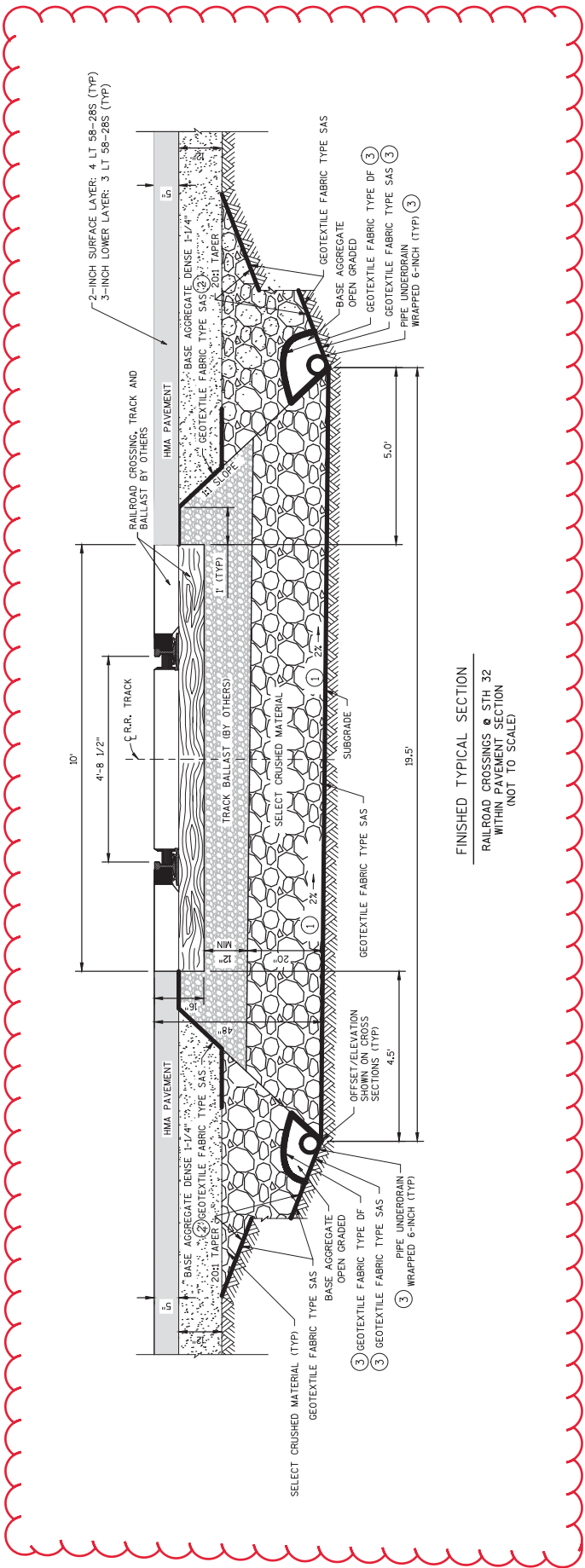
Attached, dated May 31, 2017, are the revised Schedule of Items Pages 1 – 5.

**Plan Sheets**

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

Revised: 9, 31, 32, 33, 43, and 106.

END OF ADDENDUM



FINISHED TYPICAL SECTION  
RAILROAD CROSSINGS @ STH 32  
WITHIN PAVEMENT SECTION  
(NOT TO SCALE)

Addendum No. 01  
ID 4085-61-60  
Revised Sheet 9  
May 31, 2017

NOTES:  
1) 2% CROSS SLOPE REQUIRED ON RAILROAD CROSS SLOPE AND THE SELECT CRUSHED MATERIAL SLOPE IS CONTINUOUS AND DOES NOT CROWN AT THE TRACK CENTERLINE. SEE SEPARATE CONSTRUCTION DETAIL FOR SLOPE DIRECTION.  
2) GEOTEXTILE FABRIC TYPE SAS PLACED IN ORDER TO PROVIDE SEPARATION BETWEEN ROADWAY BASE AGGREGATE DENSE AND TRACK BALLAST.  
3) GEOTEXTILE FABRIC TYPE SAS PLACED TO PROVIDE SEPARATION UNDER THE UNDERDRAIN. GEOTEXTILE FABRIC TYPE DF AND BASE AGGREGATE OPEN GRADED PLACED TO PROVIDE 6 INCHES OF SEPARATION BETWEEN TOP OF UNDERDRAIN AND SELECT CRUSHED MATERIAL.

Addendum No. 01  
 ID 4085-61-60  
 Revised Sheet 31  
 May 31, 2017

Division	From/To Station	Location	205.0100 Common Excavation (1)		Salvaged/Unusable Pavement Material (4)	Available Material (5)	Unexpanded Fill	Expanded Fill (13)		Mass Ordinate +/- (14)	Waste
			Cut (2)	EBS Excavation (3)				Factor			
Division 1											
Railroad Crossing	92+64 TO 96+45	STH 32	1,464	0	176	1,288	39	49	1,239	1,239	1,239
Division 1 Subtotal			1,464	0	176	1,288	39	49	1,239	1,239	1,239
Grand Total		Total Common Exc	1,464	0	176	1,288	39	49	1,239	1,239	0

Notes:

- (1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
- (2) Salvaged/Unusable Pavement Material is included in Cut.
- (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

Addendum No. 01  
 ID 4085-61-60  
 Revised Sheet 32  
 May 31, 2017

**BASE AGGREGATES**

CATEGORY	STATION		LOCATION		TO	FROM	305.0110 BASE AGGREGATE DENSE 3/4 INCH	305.0120 BASE AGGREGATE DENSE 1-1/4 INCH	305.0500 SHAPING SHOULDER	312.0110 SELECT CRUSHED MATERIAL	624.0100 WATER
	FROM	TO	FROM	TO							
0010	90+40.00	92+64.00	BEGINNING OF PROJECT	RAILROAD CROSSING			14		4		0.2
	92+64.00	96+13.00	RAILROAD CROSSING	CROSSTOWN RD			22		7		6.6
	96+13.00	119+49.10	RAILROAD CROSSING	CROSSTOWN RD			140		45		2.1
	119+49.10	172+44.36	CROSSTOWN RD	CTH B			320		104		4.8
	172+44.36	195+66.00	CTH B	STRUCTURE B-08-0018			141		46		2.1
	195+66.00	230+74.34	STRUCTURE B-08-0018	CENTER RD			209		68		3.1
	230+74.34	256+66.99	CENTER RD	HACKER ROAD (CTH HR)			155		50		2.3
	256+66.99	282+66.47	HACKER ROAD (CTH HR)	HARVESTORE RD			155		50		2.3
	282+66.47	325+75.60	HARVESTORE RD	SOUTH ROUNDABOUT LIMITS			262		85		3.9
	325+75.60	48+11.54	NORTH ROUNDABOUT LIMITS	CHURCH ST			160		52		2.4
	48+11.54	314+20.43	CHURCH ST	SCHMIDT ROAD (CTH K)			259		84		3.9
	314+20.43	369+00.00	SCHMIDT ROAD (CTH K)	END OF PROJECT			335		108		5.0
<b>TOTALS</b>							<b>2,172</b>	<b>551</b>	<b>703</b>	<b>1,590</b>	<b>40.8</b>

**ASPHALTIC MATERIALS**

CATEGORY	STATION		LOCATION	TO	FROM	460.4110.S REHEATING HMA LONGITUDINAL JOINTS	460.5223 HMA PAVEMENT 3 LT 58-28 S	460.2000 INCENTIVE DENSITY HMA PAVEMENT	460.5224 HMA PAVEMENT 4 LT 58-28 S	460.2005 INCENTIVE DENSITY HMA PAVEMENT	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	465.0110 ASPHALTIC SURFACE PATCHING	
	FROM	TO											LF
0010	90+40.00	92+64.00	BEGINNING OF PROJECT	RAILROAD CROSSING		224			86		69	86	
	92+64.00	96+45.00	RAILROAD CROSSING	CROSSTOWN RD		381		300	200	117	200	200	
	96+45.00	119+49.10	RAILROAD CROSSING	CROSSTOWN RD		2,304			937	707	937	937	
	119+49.10	172+44.36	CROSSTOWN RD	CTH B		5,295			2,176	1,624	2,176	2,176	
	172+44.36	180+00.00	CTH B	SOUTH MICROMILL LIMITS		756			374	232	374	374	
	180+00.00	191+00.00	SOUTH MICROMILL LIMITS	NORTH MICROMILL LIMITS		1,100			527	422	527	527	
	191+00.00	195+58.00	NORTH MICROMILL LIMITS	STRUCTURE B-08-0018		488			187	150	187	187	
	195+58.00	230+74.34	STRUCTURE B-08-0018	CENTER RD		3,417			1,334	1,048	1,334	1,334	
	230+74.34	256+66.99	CENTER RD	HACKER ROAD (CTH HR)		2,577			1,144	790	1,144	1,144	
	256+66.99	282+66.47	HACKER ROAD (CTH HR)	HARVESTORE RD		2,600			1,114	797	1,114	1,114	
	282+66.47	325+75.60	HARVESTORE RD	SOUTH ROUNDABOUT LIMITS		894			1,714	1,323	1,714	1,714	
	325+75.60	48+11.54	NORTH ROUNDABOUT LIMITS	CHURCH ST		2,633			1,084	807	1,084	1,084	
	48+11.54	314+20.43	CHURCH ST	SCHMIDT ROAD (CTH K)		4,288			1,766	1,315	1,766	1,766	
	314+20.43	369+00.00	SCHMIDT ROAD (CTH K)	END OF PROJECT		5,483			2,158	1,681	2,158	2,158	
			UNDISTRIBUTED, AS NEEDED, LOCATIONS TO BE DETERMINED IN FIELD			--			--	--	--	200	
<b>TOTALS</b>							<b>35,861</b>	<b>300</b>	<b>300</b>	<b>14,800</b>	<b>11,082</b>	<b>14,800</b>	<b>200</b>

Item 465.0105  
 Asphaltic Surface  
 Removed

**CENTERLINE RUMBLE STRIPS**

CATEGORY	FROM	TO	STATION	FROM	TO	LOCATION	TO	465.0475 ASPHALTIC CENTERLINE RUMBLE STRIPS 2-LANE RURAL	LF
0010	90+40.00	92+64.00	92+64.00	BEGINNING OF PROJECT	RAILROAD CROSSING			224	
	92+64.00	96+13.00	96+13.00	RAILROAD CROSSING	RAILROAD CROSSING			318	
	96+13.00	119+49.10	119+49.10	RAILROAD CROSSING	CROSSTOWN RD			2,104	
	119+49.10	172+44.36	172+44.36	CROSSTOWN RD	CTHB			4,895	
	172+44.36	195+58.00	195+58.00	CTHB	STRUCTURE B-08-0018			2,144	
	195+58.00	230+74.34	230+74.34	STRUCTURE B-08-0018	CENTER RD			3,216	
	230+74.34	256+66.99	256+66.99	CENTER RD	HACKER ROAD (CTH HR)			2,177	
	256+66.99	282+66.47	282+66.47	HACKER ROAD (CTH HR)	HARVESTORE RD			2,200	
	282+66.47	325+75.60	325+75.60	HARVESTORE RD	S ROUNDABOUT LIMITS			4,115	
	325+75.60	48+11.54	48+11.54	S ROUNDABOUT LIMITS	CHURCH ST			2,426	
	48+11.54	314+20.43	314+20.43	CHURCH ST	SCHMIDT ROAD (CTH K)			3,888	
	314+20.43	369+00.00	369+00.00	SCHMIDT ROAD (CTH K)	END OF PROJECT			5,283	
				<b>TOTAL</b>				<b>32,990</b>	

**SILT FENCE**

CATEGORY	ROADWAY	FROM	TO	STATION	FROM	TO	OFFSET	628.1504 SILT FENCE	LF	628.1520 SILT FENCE MAINTENANCE	LF
0010	STH 32	92+64	93+99	93+99	93+99	93+99	LT	136	136		
		94+64	95+38	95+38	95+38	95+38	LT	92	92		82
		95+80	96+45	96+45	96+45	96+45	LT	65	65		65
		92+64	93+33	93+33	93+33	93+33	RT	90	90		90
		94+03	94+66	94+66	94+66	94+66	RT	90	90		90
		95+40	96+45	96+45	96+45	96+45	RT	105	105		105
				<b>TOTAL</b>				<b>578</b>	<b>578</b>		<b>578</b>

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ID 4085-61-60  
Revised Sheet 33  
May 31, 2017

**LANDSCAPING SUMMARY**

CATEGORY	FROM	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL	627.0200 MULCHING	629.0210 FERTILIZER	630.0130 SEEDING MIXTURE
					SY	SY	TYPE B CWT	NO. 30 LB
0010	93+99	94+64	94+64	STH 32 LT	63	79	0.04	1.13
	94+64	95+38	95+38	STH 32 LT	63	79	0.05	1.42
	95+80	96+45	96+45	STH 32 LT	153	153	0.10	2.75
	92+64	93+33	93+33	STH 32 RT	99	99	0.06	1.78
	94+03	94+66	94+66	STH 32 RT	98	98	0.06	1.76
	96+40	96+45	96+45	STH 32 RT	62	62	0.04	1.11
				<b>SUBTOTALS</b>	553	553	0.35	9.95
				<b>UNDISTRIBUTED</b>	137	137	0.65	3.05
				<b>TOTAL</b>	<b>690</b>	<b>690</b>	<b>1</b>	<b>13</b>

**PIPE UNDERDRAIN**

CATEGORY	STATION	LOCATION	612.0806 APRON ENDWALLS FOR UNDERDRAIN	645.0140 GEOTEXTILE	645.0140 GEOTEXTILE	645.0140 GEOTEXTILE	645.0140 GEOTEXTILE	645.0140 GEOTEXTILE	645.0140 GEOTEXTILE	645.0140 GEOTEXTILE
			6-INCH EACH	TYPE SAS	TYPE SAS	TYPE SAS	TYPE SAS	TYPE SAS	TYPE SAS	TYPE SAS
			SY	SY	SY	SY	SY	SY	SY	SY
0010	93+75	S SIDE SOUTH RAIL CROSSING	1	526	526	526	526	526	526	526
	94+05	N SIDE SOUTH RAIL CROSSING	--	526	526	526	526	526	526	526
	95+28	S SIDE NORTH RAIL CROSSING	--	463	463	463	463	463	463	463
	95+53	N SIDE NORTH RAIL CROSSING	1	463	463	463	463	463	463	463
		<b>TOTALS</b>	<b>2</b>	<b>1,977</b>	<b>1,977</b>	<b>1,977</b>	<b>1,977</b>	<b>1,977</b>	<b>1,977</b>	<b>1,977</b>

**EROSION CONTROL MOBILIZATION**

CATEGORY	ROADWAY	LOCATION	628.1905 MOBILIZATIONS	628.1905 MOBILIZATIONS	628.1905 MOBILIZATIONS	628.1905 MOBILIZATIONS
			EROSION CONTROL	EROSION CONTROL	EROSION CONTROL	EROSION CONTROL
			EACH	EACH	EACH	EACH
0010	STH 32	PROJECT	2	2	2	2
		<b>TOTAL</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>

PROJECT NO: 4085-61-66 COUNTY: CALUMET HWMY: STH 32

SHEET: 33

Item 645.0111  
Geotextile Type DF  
Schedule A Removed

FILE NAME: \_\_\_\_\_ PLOT DATE: \_\_\_\_\_ PLOT BY: DIMS, ALEXANDER T PLOT SCALE: 1:1

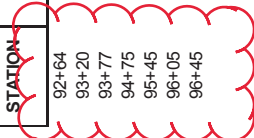




PROJECT NO: 4085-61-60	COUNTY: CALUMET	PLAN	SHEET 43	E
HWY: STH 32				
FILE NAME : N:\POS\C30\40855130\SHEETS\PLAN\050201.PN.DWG	PLLOT DATE : 5/15/2017 11:29 AM	PLLOT BY : VOGEL, ALRT	PLLOT NAME : *****	PLLOT SCALE : *****
WISDOT/CADD SHEET 44				

### Railroad Crossing

STATION	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
		Cut	Salvaged/Unusable Pavement Material	Fill	Salvaged/Unusable Pavement Material	Fill	Cut	
92+64	0.00	45.33	12.50	0.00	0	0	1.00	0
93+20	55.82	49.90	12.50	0.00	98	0	98	0
93+77	57.63	180.39	12.50	0.00	246	0	344	0
94+75	97.55	58.05	12.50	0.00	431	0	775	0
95+45	70.27	198.88	12.50	15.91	334	21	1,109	26
96+05	60.04	52.78	12.50	0.32	280	18	1,389	48
96+45	39.69	49.40	12.50	0.00	75	0	1,464	49
<b>Column Totals</b>		<b>1,464</b>			<b>176</b>	<b>39</b>		



Addendum No. 01  
ID 4085-61-60  
Revised Sheet 106  
May 31, 2017



Proposal Schedule of Items

Proposal ID: 20170613031 Project(s): 4085-61-60

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0010	204.0115 Removing Asphaltic Surface Butt Joints	104.000 SY	_____.	_____.
0020	204.0120 Removing Asphaltic Surface Milling	126,042.000 SY	_____.	_____.
0030	204.0165 Removing Guardrail	200.000 LF	_____.	_____.
0040	205.0100 Excavation Common	1,464.000 CY	_____.	_____.
0050	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 4085-61-60	LS	LUMP SUM	_____.
0060	213.0100 Finishing Roadway (project) 01. 4085-61-60	1.000 EACH	_____.	_____.
0070	305.0110 Base Aggregate Dense 3/4-Inch	2,172.000 TON	_____.	_____.
0080	305.0120 Base Aggregate Dense 1 1/4-Inch	551.000 TON	_____.	_____.
0090	305.0500 Shaping Shoulders	703.000 STA	_____.	_____.
0100	312.0110 Select Crushed Material	1,580.000 TON	_____.	_____.
0110	440.4410 Incentive IRI Ride	54,330.000 DOL	1.00000	54,330.00
0120	455.0605 Tack Coat	7,659.000 GAL	_____.	_____.
0130	460.2005 Incentive Density PWL HMA Pavement	10,280.000 DOL	1.00000	10,280.00
0140	460.2010 Incentive Air Voids HMA Pavement	15,100.000 DOL	1.00000	15,100.00
0150	460.4110.S Reheating HMA Pavement Longitudinal Joints	35,861.000 LF	_____.	_____.
0160	460.5223 HMA Pavement 3 LT 58-28 S	300.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613031 Project(s): 4085-61-60

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0170	460.5224 HMA Pavement 4 LT 58-28 S	14,800.000 TON	_____.	_____.
0190	465.0110 Asphaltic Surface Patching	200.000 TON	_____.	_____.
0200	465.0475 Asphalt Center Line Rumble Strips 2-Lane Rural	32,990.000 LF	_____.	_____.
0210	612.0806 Apron Endwalls for Underdrain Reinforced Concrete 6-Inch	2.000 EACH	_____.	_____.
0220	614.0370 Steel Plate Beam Guard Energy Absorbing Terminal	4.000 EACH	_____.	_____.
0230	618.0100 Maintenance And Repair of Haul Roads (project) 01. 4085-61-60	1.000 EACH	_____.	_____.
0240	619.1000 Mobilization	1.000 EACH	_____.	_____.
0250	624.0100 Water	40.800 MGAL	_____.	_____.
0260	625.0500 Salvaged Topsoil	690.000 SY	_____.	_____.
0270	627.0200 Mulching	690.000 SY	_____.	_____.
0280	628.1504 Silt Fence	578.000 LF	_____.	_____.
0290	628.1520 Silt Fence Maintenance	578.000 LF	_____.	_____.
0300	628.1905 Mobilizations Erosion Control	2.000 EACH	_____.	_____.
0310	628.1910 Mobilizations Emergency Erosion Control	1.000 EACH	_____.	_____.
0320	628.2002 Erosion Mat Class I Type A	6.000 SY	_____.	_____.
0330	629.0210 Fertilizer Type B	1.000 CWT	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613031 Project(s): 4085-61-60

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0340	630.0130 Seeding Mixture No. 30	13.000 LB	_____.	_____.
0350	633.5200 Markers Culvert End	5.000 EACH	_____.	_____.
0360	634.0614 Posts Wood 4x6-Inch X 14-FT	81.000 EACH	_____.	_____.
0370	634.0616 Posts Wood 4x6-Inch X 16-FT	9.000 EACH	_____.	_____.
0380	637.2210 Signs Type II Reflective H	516.430 SF	_____.	_____.
0390	637.2230 Signs Type II Reflective F	168.570 SF	_____.	_____.
0400	638.2602 Removing Signs Type II	84.000 EACH	_____.	_____.
0410	638.3000 Removing Small Sign Supports	89.000 EACH	_____.	_____.
0420	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0430	643.0100 Traffic Control (project) 01. 4085-61-60	1.000 EACH	_____.	_____.
0440	643.0310.S Temporary Portable Rumble Strips	1.000 LS	_____.	_____.
0450	643.0420 Traffic Control Barricades Type III	24.000 DAY	_____.	_____.
0460	643.0705 Traffic Control Warning Lights Type A	48.000 DAY	_____.	_____.
0470	643.0900 Traffic Control Signs	630.000 DAY	_____.	_____.
0480	643.0910 Traffic Control Covering Signs Type I	2.000 EACH	_____.	_____.
0490	643.0920 Traffic Control Covering Signs Type II	8.000 EACH	_____.	_____.
0500	643.1050 Traffic Control Signs PCMS	28.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613031 Project(s): 4085-61-60

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0510	643.2000 Traffic Control Detour (project) 01. 4085-61-60	1.000 EACH	_____.	_____.
0520	643.3000 Traffic Control Detour Signs	2,376.000 DAY	_____.	_____.
0540	645.0140 Geotextile Type SAS	1,977.000 SY	_____.	_____.
0550	646.0103 Pavement Marking Paint 4-Inch	54,640.000 LF	_____.	_____.
0560	646.0406 Pavement Marking Same Day Epoxy 4-Inch	59,120.000 LF	_____.	_____.
0570	646.2304.S Pavement Marking Grooved Wet Reflective Epoxy 4-Inch	75,884.000 LF	_____.	_____.
0580	646.2308.S Pavement Marking Grooved Wet Reflective Epoxy 8-Inch	406.000 LF	_____.	_____.
0590	647.0110 Pavement Marking Railroad Crossings Epoxy	4.000 EACH	_____.	_____.
0600	647.0556 Pavement Marking Stop Line Epoxy 12-Inch	15.000 LF	_____.	_____.
0610	648.0100 Locating No-Passing Zones	6.260 MI	_____.	_____.
0620	649.0403 Temporary Pavement Marking Epoxy 4-Inch	54,640.000 LF	_____.	_____.
0630	650.8000 Construction Staking Resurfacing Reference	32,990.000 LF	_____.	_____.
0640	690.0150 Sawing Asphalt	457.000 LF	_____.	_____.
0650	SPV.0060 Special 01. HMA Percent Within Limits (PWL) Test Strip	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613031 Project(s): 4085-61-60

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0660	SPV.0090 Special 01. Pipe Underdrain Railroad 6-Inch	547.000 LF	_____.	_____.
0670	SPV.0180 Special 01. Micromilling	3,667.000 SY	_____.	_____.
0680	460.2000 Incentive Density HMA Pavement	300.000 DOL	1.00000	300.00
<b>Section: 0001</b>			<b>Total:</b>	_____.
			<b>Total Bid:</b>	_____.

