



# Wisconsin Department of Transportation

**Division of Transportation Systems Development**

Bureau of Project Development  
 4822 Madison Yards Way, 4<sup>th</sup> Floor South  
 Madison, WI 53705

Telephone: (608) 266-1631  
 Facsimile (FAX): (608) 266-8459

February 29, 2024

**NOTICE TO ALL CONTRACTORS:**

**Proposal #14: 2740-02-70, WISC 2024281**  
**V Germantown, Lannon Road**  
**Intersection with Maple Road**  
**STH 167**  
**Washington County**

**Letting March 12, 2024**

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

**Special Provisions:**

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
5	Holiday and Special Event Work Restrictions

Added Special Provisions	
Article No.	Description
27	Asphaltic Surface

**Schedule of Items:**

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
205.0100	Common Excavation	CY	1,995	196	2,191
643.0900	Traffic Control Signs	Days	2,432	1,800	4,232

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum
465.0105	Asphaltic Surface	TON	0	880	880
650.8501	Construction Staking Electrical Installations (01. 2740-02-70)	EACH	0	1	1

<b>Deleted Bid Item Quantities</b>					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
460.6223	HMA Pavement 3 MT 58-28 S	TON	530	-530	0
460.6224	HMA Pavement 4 MT 58-28 S	TON	350	-350	0

**Plan Sheets:**

<b>Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
57	Added EBS to earthwork, added note
59	Added bid item, revised bid items, added note
61	Revised bid items and added note
63-67	Added note for Category items
67	Added Construction Staking Electrical Installation item.

**Other**

Revise the contract completion time from 60 Working Days to a Completion Date of December 31, 2024,

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**

**2740-02-70**

**February 29, 2024**

**Special Provisions**

**3. Prosecution and Progress.**

*Replace entire article language with the following:*

Begin work within 10 calendar days after the engineer issues a written notice to do so.

Provide the start date to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the approved start date.

To revise the start date, submit a written request to the engineer at least two weeks before the intended start date. The engineer will approve or deny that request based on the conditions cited in the request and its effect on the department's scheduled resources.

**Interim Completion and Liquidated Damages – STH 167 & Maple Road Intersection: August 30, 2024**

Complete construction operations on STH 167 and Maple Road that are necessary to open the intersection to post-construction traffic patterns using temporary signals by August 30, 2024. Do not open until completing the following work: Grading, aggregate, paving, curb and gutter, signing, and pavement marking, installing any permanent signal components that are available, and all incidental items necessary to install remaining signal equipment, monotube masts, and monotube arms once available.

If the contractor fails to complete the work necessary to reopen STH 167 and Maple Road intersection to traffic by August 30, 2024, the department will assess the contractor \$1,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 12:01 AM on August 31, 2024. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

**Northern Long-eared Bat (*Myotis septentrionalis*)**

Northern long-eared bats (NLEB) have the potential to inhabit the project limits because they roost in trees, bridges and culverts. Roosts may not have been observed on this project, but conditions to support the species exist. The species and all active roosts are protected by the federal Endangered Species Act. If an individual bat or active roost is encountered during construction operations, stop work and notify the engineer and the WisDOT Regional Environmental Coordinator (REC).

Ensure all operators, employees, and subcontractors working in areas of known or presumed bat habitat are aware of environmental commitments and avoidance and minimization measures (AMMs) to protect both bats and their habitat.

Direct temporary lighting, if used, away from wooded areas during the bat active season: April 1 to October 31, both dates inclusive.

Contractor means and methods to remove trees will not allowed. If it is determined that trees with a 3-inch or greater diameter at breast height (dbh) need to be removed beyond contractor means and methods, notify the engineer to coordinate with the WisDOT REC to determine if consultation with United States Fish and Wildlife Service (USFWS) is required. The contractor must be aware that the WisDOT REC and/or USFWS may not permit modifications.

**Grading and Paving Operations**

Grading, placement of base aggregate, and paving operations will be completed using single lane closures and shoulder closures. Access must be maintained for emergency vehicles at all times.

### **Monotube Arm and Signal Loop Installation**

Monotube Arm installation and installation of signal loop detectors in existing asphalt pavement activities will be completed during a full intersection closure during off peak nighttime hours (9 pm to 5 am). Maintain access for emergency vehicles adjacent to work taking place. Notify local law enforcement and emergency services 7 days prior to anticipated closure. Place portable changeable message signs, visible to all four intersection approaches and per plans, to notify the general traveling public of upcoming intersection closures. Limit the amount of full intersections closures during off peak nighttime hours to two for monotube arm installation and three for signal loop installation.

### **Signal Equipment, Monotube Mast, and Monotube Arm Procurement**

Signal equipment, Monotube Arms, and Monotube Masts that are not available for installation prior to the above interim completion date, may require remobilization of traffic control, equipment, and other items necessary to complete installation.

### **Miscellaneous Construction Activities**

Miscellaneous construction activities that require work to be completed within four feet of live traffic lanes, during staged construction, must be completed during off peak hours, 9 AM to 4 PM, and require flaggers present.

### **Driveway Access**

Do not close or remove private entrances from service without 48 hours prior notice given to the occupants of the premises to remove their vehicles. Maintain at least one access to businesses at all times. Maintain driveway access on a minimum surface of base aggregate.

## **5. Holiday and Special Event Work Restrictions.**

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying STH 167 or Maple Road traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday and special event periods:

- From noon Friday, May 24 to 6:00 AM Tuesday, May 28, Memorial Day;
- From noon Wednesday, July 3 to 6:00 AM Monday, July 8, Independence Day;
- From noon Friday, August 30 to 6:00 AM Tuesday, September 3, Labor Day;
- From noon Wednesday, November 27 to 6:00 AM Monday, December 1, Thanksgiving.
- From noon Monday, December 23 to 6:00 AM Thursday, December 26, Christmas.

stp-107-005 (20210113)

## **27. Asphaltic Surface.**

*Replace standard spec 465.2 (1) with the following:*

Under the Asphaltic Surface bid item submit a mix design. Furnish asphaltic mixture meeting the requirements specified for HMA Pavement Type HMA MT under standard spec 460.2; except the engineer will not require the contractor to conform to the quality management program specified under standard spec 460.2.8. Use tack coat as required under 450.3.2.7.

**Schedule of Items**

Attached, dated February 29, 2024, are the revised Schedule of Items Pages 1 – 10.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:  
Revised: 57, 59, 61, and 63-67

END OF ADDENDUM

EARTHWORK SUMMARY PROJECT

DIVISION	FROM/TO STATION	LOCATION	COMMON EXCAVATION		205.0100 COMMON EXCAVATION (1)	JALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEEXPANDED FILL	EXPANDED FILL (13)		MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW	COMMENT
			CUT (2)	EBS EXCAVATION (3)					FACTOR 1.25					
DIVISION 1	85+08.75/89+50.00	EB 167 Widening	505	49	505	505	0	66	83	-83	0	83		
ROADWAY/STH167EB														
DIVISION 1 SUBTOTAL														
DIVISION 2	850+04.30/860+46.30	WB 167 Widening	505	49	505	505	0	66	83	-83	0	83		
EMRK-167WB90														
DIVISION 2 SUBTOTAL														
DIVISION 3	45+88.87/51+00.00	Maple Road Widening	420	56	420	420	0	86	108	-108	0	108		
EWKR-MARLE90														
DIVISION 3 SUBTOTAL														
GRAND TOTAL			1,995	196	1,995	1,995	0	179	225	-224	0	224		

NOTES:

- (1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION QUANTITIES. ITEM NUMBER 205.0100
- (2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
- (3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT BORROW MATERIAL. EBS EXCAVATION IS UNDIRECTED BY THE ENGINEER.
- (4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
- (5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL
- (13) EXPANDED FILL FACTOR = 1.25
- DEPENDENT ON SELECTIONS:
- (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.
- (15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

Addendum No. 01  
ID 2740-02-70  
Revised Sheet 57  
February 29, 2024

Addendum No. 01  
ID 2740-02-70  
Revised Sheet 59  
February 29, 2024

AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH	305.0500 SHAPING SHOULDERS	624.0100 WATER
					TON	TON	STA	M GAL
0010	855+00	-	859+00	WIDENINGS	120	2,090	18	7
0010				TEMP WIDENING & OTHER LOCATIONS	40	320	-	1
				TOTAL 0010	160	2,410	18	8

PAVEMENT

CATEGORY	LOCATION	415.2010 CONCRETE TRUCK APRON 12-INCH	455.0605 TACK COAT	HMA PAVEMENT 3 MT 58-28 S	HMA PAVEMENT 4 MT 58-28 S	465.0105 ASPHALTIC SURFACE
		SY	GAL	TON	TON	TON
0010	PROJECT LIMITS	85	420	530	350	880
	TOTAL 0010	85	420	-	-	880

\* HMA PAVEMENT 3 MT 58-28 S & 4 MT 58-28 S MEASURED AND PAID AS ASPHALTIC SURFACE

MISC PAVEMENT

CATEGORY	STATION	LOCATION	465.0120 ASPHALTIC SURFACE	465.0125 ASPHALTIC SURFACE TEMPORARY	465.0315 ASPHALTIC FLUMES	618.010001 MAINTENANCE AND REPAIR OF HAUL ROADS (2740-02-70)
			TON	TON	SY	EACH
0010	49+00	MAPLE RD RT	9	-	-	-
0010	50+00	MAPLE RD RT	25	-	-	-
0010	49+50	MAPLE RD LT	-	-	9	-
0010	50+00	MAPLE RD RT	-	-	18	-
0010		TEMP WIDENING & OTHER LOCATIONS	-	89	-	1
		TOTAL 0010	34	89	27	1

TRAFFIC CONTROL

CATEGORY	LOCATION	DAY	TYPE III	TYPE A	TYPE C	BOARD	ARROW	COVERING	TYPE II	SIGNS PCMS	DURATION	REMARKS
0010	STAGE 1 LANNON	5,425	105	210	1,540	70	-	-	-	14	35.00	-
0010	STAGE 1 MAPLE	1,995	210	420	1,085	-	-	-	-	14	35.00	-
0010	STAGE 2 LANNON	3,300	75	150	1,100	50	-	-	-	14	25.00	-
0010	STAGE 2 MAPLE	1,050	100	200	325	-	-	-	-	14	25.00	-
0010	INTERIM/CONDITION	-	-	-	-	-	-	-	-	-	-	-
0010	PROJECT WIDE / UNDISTRIBUTED	108	8	16	19	4	4	52	(5 SIGNS) x (2 CYCLES)	28	1	1
TOTAL	0010	11,878	498	996	4,069	124	4,232	10	84	1	1	1

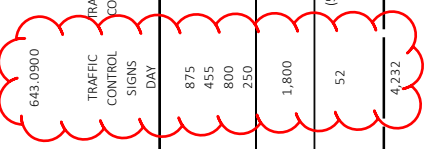
TEMP PM

CATEGORY	LOCATION	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
0010	STAGE 1	5,021	180	18	643,3850	643,3850	643,3850	643,3850	643,3850	643,3850	643,3850	643,3850
0010	STAGE 2	1,084	-	18	643,3250	643,3250	643,3250	643,3250	643,3250	643,3250	643,3250	643,3250
TOTAL	0010	6,105	180	36	1,267	1,267	1,267	1,267	1,267	1,267	1,267	1,267

PERM PM

CATEGORY	LOCATION	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
646.1020	MARKING LINE EPOXY 4-INCH	2,089	209	1	646.5120	646.5120	646.5120	646.5120	646.5120	646.5120	646.5120	646.5120
646.3020	MARKING LINE EPOXY 8-INCH	1,070	107	1	646.6120	646.6120	646.6120	646.6120	646.6120	646.6120	646.6120	646.6120
646.5020	MARKING ARROW EPOXY	6	1	1	646.8120	646.8120	646.8120	646.8120	646.8120	646.8120	646.8120	646.8120
646.8220	MARKING ISLAND NOSE EPOXY	2	2	2	646.9020	646.9020	646.9020	646.9020	646.9020	646.9020	646.9020	646.9020
646.9020	MARKING CHANNELIZING CURB SYSTEM	80	80	80	646.9020	646.9020	646.9020	646.9020	646.9020	646.9020	646.9020	646.9020
TOTAL	0010	2,298	1,177	7	36	25	3	80	80	80	80	80

Addendum No. 01  
 ID 2740-02-70  
 Revised Sheet 61  
 February 29, 2024





STH 167 (LANNON RD) & MAPLE RD

ALL ITEMS ON THIS PAGE ARE CAT 0020 UNLESS OTHERWISE NOTED

REMOVING CONCRETE BASES

SIGNAL BASE NO.	REMOVING CONCRETE BASES EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
CB1	1
<b>TOTAL</b>	<b>13</b>

REMOVE PULL BOXES

PULL BOX NO.	REMOVE PULL BOXES EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
<b>TOTAL</b>	<b>13</b>

REMOVING TRAFFIC SIGNALS

LOCATION	REMOVING TRAFFIC SIGNALS EACH
STH 167 & MAPLE RD	1
<b>TOTAL</b>	<b>1</b>

REMOVING WIRE

LOCATION	REMOVING WIRE EACH
STH 167 & MAPLE RD	1
<b>TOTAL</b>	<b>1</b>

TEMPORARY TRAFFIC SIGNALS

LOCATION	TEMPORARY TRAFFIC SIGNALS EACH
STH 167 & MAPLE RD	1
<b>TOTAL</b>	<b>1</b>

CONDUIT

CONDUIT	L.F.	L.F.
652.0225	300	300
652.0235	180	180
652.0235	20	20
<b>TOTAL</b>	<b>500</b>	<b>500</b>

TEMPORARY TRAFFIC SIGNALS

TEMPORARY TRAFFIC SIGNALS	L.F.	L.F.
661.0201.01	1	1
<b>TOTAL</b>	<b>1</b>	<b>1</b>

CONDUIT

CONDUIT	L.F.	L.F.
652.0225	300	300
652.0235	180	180
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STH 167 (LANNON RD) & MAPLE RD

ALL ITEMS ON THIS PAGE ARE CAT 0020 UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	L.F.	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG L.F.
CB1	SB1	165		
SB1	LUMINAIRE 1	--		145
SB1	SB3	240		--
SB3	LUMINAIRE 1	--		145
CB1	SB8	410		--
SB8	LUMINAIRE 1	--		145
SB8	SB5	230		--
SB5	LUMINAIRE 1	--		145
SB5	SB6	110		--
SB6	LUMINAIRE 1	--		120
TOTAL		1155		700

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	L.F.	655.0260 CABLE 12-14 AWG	655.0270 CABLE 15-14 AWG
CB1	SB1	--		165
CB1	SB2	295		--
CB1	SB3	340		--
CB1	SB4	455		--
CB1	SB5	--		575
CB1	SB6	620		--
CB1	SB7	500		--
CB1	SB8	410		--
CB1	SB9	271		--
CB1	SB10	210		--
TOTAL		3101		740

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CONCRETE BASES

SIGNAL BASE NO.	STA	LOCATION	OFFSET	654.0101 CONCRETE BASES TYPE 1 EACH	654.0105 CONCRETE BASES TYPE 5 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0113 CONCRETE BASES TYPE 13 SPECIAL EACH	654.0120 CONCRETE BASES TYPE 10 SPECIAL EACH	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
CB1	862WB+16.6	82.9 LT		--	--	--	--	--	1
SB1	861WB+18.3	31.1 LT		--	1	--	--	--	--
SB2	860WB+89.3	37.6 RT		--	1	--	--	--	--
SB3	861EB+09.0	37.3 RT		--	--	--	--	1	--
SB4	860EB+26.2	61.0 RT		--	--	--	--	--	--
SB5	859EB+36.5	35.5 RT		--	--	1	--	--	--
SB6	858EB+00.0	63.2 RT		1	--	--	--	--	--
SB7	859WB+60.1	23.2 RT		1	--	--	--	--	--
SB8	859WB+48.6	53.2 LT		--	--	1	--	--	--
SB9	860WB+34.3	37.4 LT		1	--	--	--	--	--
SB10	860WB+75.7	35.1 LT		1	--	--	--	--	--
TOTAL				4	1	2	2	1	1

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.
CB1	SB1	165		25
SB1	SB2	210		25
SB2	SB3	185		60
SB3	SB4	215		25
SB4	SB5	185		25
SB5	SB6	115		45
SB6	SB7	230		25
SB7	SB8	170		60
SB8	SB9	180		40
SB9	SB10	110		25
SB10	CB1	210		25
CB1	PB1	75		25
SB1	PB2	45		50
SB2	PB3	75		25
SB3	PB6	55		75
SB4	PB7	40		25
SB5	PB9	40		25
SB6	PB10	35		80
SB7	PB13	65		25
SB8	PB14	45		25
SB9	PB16	30		25
SB10	PB17	30		25
TOTAL		2520		865

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STH 167 (LANNON RD) & MAPLE RD

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SIGNAL	SIGNAL	658.0173
SB1	5	TRAFFIC
SB1	8	SIGNAL FACE
SB1	21	3S-12 INCH
SB1	22	EACH
SB2	6	
SB2	7	
SB2	11	
SB3	2	
SB3	3	
SB4	18	
SB4	20	
SB5	1	
SB5	12	
SB5	15	
SB5	16	
SB5	19	
SB7	4	
SB7	13	
SB8	9	
SB8	10	
SB9	14	
SB9	23	
SB10	17	
SB10	24	
TOTAL	24	

TRAFFIC SIGNAL MOUNTING HARDWARE		658.0173
LOCATION	SIGNAL MOUNTING HARDWARE	EACH
STH 167 & MAPLE RD		1
TOTAL		1

ELECTRICAL SERVICE METER BREAKER PEDESTAL		656.0201.01
LOCATION	ELECTRICAL SERVICE METER BREAKER PEDESTAL	EACH
STH 167 & MAPLE RD		1
TOTAL		1

TRAFFIC SIGNAL CABINET		SPV.0060.01
LOCATION	NEMA TS2 TYPE 1 TRAFFIC SIGNAL CONTROL CABINET	EACH
STH 167 & MAPLE RD		1
TOTAL		1

EMERGENCY VEHICLE PREEMPTION		SPV.0060.02
LOCATION	EMERGENCY VEHICLE PREEMPTION SYSTEM	EACH
STH 167 & MAPLE RD		1
TOTAL		1

TRAFFIC SIGNAL EVP DETECTOR CABLE		655.0900	655.0210
FROM	TO	L.F.	L.F.
CB1	SB8 (HEAD A)	410	410
CB1	SB3 (HEAD B)	340	340
CB1	SB5 (HEAD C)	575	575
CB1	SB1 (HEAD D)	165	165
TOTAL		1490	1490

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STH 167 (LANNON RD) & MAPLE RD

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TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN/PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD REFERENCE	652.0800 CONDUIT LOOP DETECTOR		655.0700 LOOP DETECTOR		655.0800 LOOP DETECTOR	
								L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
11	PB13	859EB+32.2	15.6 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	122	395	395	512	512	
12	PB13	859EB+60.2	15.6 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	126	395	395	529	529	
13	PB13	859EB+32.2	25.8 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	102	395	395	428	428	
14	PB13	859EB+60.2	25.8 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	108	395	395	454	454	
21	PB5	864WB+48.2	19.2 LT	6 X 6	5	ASPHALT	9F15-4B OPTION 2	88	535	535	462	462	
22	PB5	864WB+48.2	5.2 LT	6 X 6	5	ASPHALT	9F15-4B OPTION 2	68	535	535	357	357	
23	PB4	863WB+17.6	18.9 LT	6 X 6	4	ASPHALT	9F15-4B OPTION 2	88	405	405	370	370	
24	PB4	863WB+17.6	4.9 LT	6 X 6	4	ASPHALT	9F15-4B OPTION 2	68	405	405	286	286	
41	PB15	54+93.7	17.6 LT	6 X 12	5	ASPHALT	9F15-4B OPTION 2	80	845	845	420	420	
42	PB15	54+93.7	6.0 LT	6 X 12	5	ASPHALT	9F15-4B OPTION 2	60	845	845	315	315	
43	PB16	52+38.8	13.3 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	108	230	230	340	340	
44	PB16	52+11.5	13.3 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	230	230	296	296	
45	PB17	52+15.3	2.5 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	74	180	180	233	233	
46	PB17	52+43.3	2.3 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	180	180	214	214	
51	PB3	861WB+28.0	16.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	122	210	210	384	384	
52	PB3	861WB+00.0	16.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	128	210	210	403	403	
61	PB12	856EB+09.9	18.8 RT	6 X 12	5	ASPHALT	9F15-4B OPTION 2	80	830	830	420	420	
62	PB12	856EB+09.9	5.8 RT	6 X 12	5	ASPHALT	9F15-4B OPTION 2	100	830	830	525	525	
63	PB11	857EB+39.9	18.8 RT	6 X 10	5	ASPHALT	9F15-4B OPTION 2	96	700	700	504	504	
64	PB11	857EB+39.9	5.8 RT	6 X 10	5	ASPHALT	9F15-4B OPTION 2	122	700	700	641	641	
81	PB8	47+80.7	7.3 RT	6 X 12	5	ASPHALT	9F15-4B OPTION 2	92	695	695	483	483	
82	PB7	50+72.7	28.0 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	90	385	385	284	284	
83	PB7	50+41.6	8.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	158	385	385	498	498	
84	PB7	50+69.6	8.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	148	385	385	466	466	
85	PB7	50+40.6	6.2 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	180	385	385	567	567	
86	PB7	50+68.6	6.2 LT	6 X 12	3	ASPHALT	9F15-4B OPTION 2	156	385	385	491	491	
TOTAL								2268	10490	10490	8959	8959	

\*\* LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

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STH 167 (LANNON RD) & MAPLE RD

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657.0100		657.0322		657.0420		657.0610		657.0345		657.0350		657.0360		657.0515		657.0530		657.0536		657.0550		657.0555		657.0815		659.1125		
PEDESTAL		POLES		TRAFFIC SIGNAL		LUMINAIRE ARMS		POLES		POLES		POLES		POLES		MONOTUBE		MONOTUBE		MONOTUBE		MONOTUBE		LUMINAIRE ARMS		LUMINAIRE ARMS		
BASES		TYPE 5		STANDARDS		SINGLE MEMBER		TYPE 9		TYPE 10		TYPE 10		TYPE 10		ARMS 35-FT		ARMS 35-FT		ARMS 50-FT		ARMS 55-FT		STEEL 15-FT		STEEL 15-FT		
BASE NO.	EACH	ALUMINUM	ALUMINUM	13-FT	EACH	4 1/2-INCH CLAMP	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
SB1	--	--	--	--	--	1	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	1	
SB2	--	--	--	--	--	--	1	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB3	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	1
SB4	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB5	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
SB6	--	1	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
SB7	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB8	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	1	1
SB9	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB10	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	4	1	4	4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	4	4	1	5	

STAKING ELECTRICAL	
650.8501.01	CONSTRUCTION
	STAKING
	ELECTRICAL
	INSTALLATIONS
01. 2740-02-70	01. 2740-02-70
CATEGORY	LOCATION
0020	PROJECT LIMITS
	TOTAL 0020
	1
	1



Proposal Schedule of Items

Proposal ID: 20240312014 Project(s): 2740-02-70

Federal ID(s): WISC 2024281

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	204.0110 Removing Asphaltic Surface	2,256.000 SY	_____.	_____.
0004	204.0150 Removing Curb & Gutter	432.000 LF	_____.	_____.
0006	204.0155 Removing Concrete Sidewalk	24.000 SY	_____.	_____.
0008	204.0195 Removing Concrete Bases	13.000 EACH	_____.	_____.
0010	204.9060.S Removing (item description) 01. Removing Traffic Signals STH 167 & Maple Rd	1.000 EACH	_____.	_____.
0012	204.9060.S Removing (item description) 02. Removing Loop Detector Wire and Lead-In Cable STH 167 & Maple Rd	1.000 EACH	_____.	_____.
0014	205.0100 Excavation Common	2,191.000 CY	_____.	_____.
0016	208.0100 Borrow	224.000 CY	_____.	_____.
0018	211.0101 Prepare Foundation for Asphaltic Paving (project) 01. 2740-02-70	1.000 EACH	_____.	_____.
0020	211.0400 Prepare Foundation for Asphaltic Shoulders	23.000 STA	_____.	_____.
0022	211.0500 Prepare Foundation for Base Aggregate	23.000 STA	_____.	_____.
0024	213.0100 Finishing Roadway (project) 01. 2740-02-70	1.000 EACH	_____.	_____.
0026	305.0110 Base Aggregate Dense 3/4-Inch	160.000 TON	_____.	_____.
0028	305.0120 Base Aggregate Dense 1 1/4-Inch	2,410.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312014 Project(s): 2740-02-70

Federal ID(s): WISC 2024281

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	305.0500 Shaping Shoulders	18.000 STA	_____.	_____.
0032	415.2010 Concrete Truck Apron 12-inch	85.000 SY	_____.	_____.
0034	455.0605 Tack Coat	420.000 GAL	_____.	_____.
0036	460.2000 Incentive Density HMA Pavement	570.000 DOL	1.00000	570.00
0042	465.0120 Asphaltic Surface Driveways and Field Entrances	34.000 TON	_____.	_____.
0044	465.0125 Asphaltic Surface Temporary	89.000 TON	_____.	_____.
0046	465.0315 Asphaltic Flumes	27.000 SY	_____.	_____.
0048	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	140.000 LF	_____.	_____.
0050	601.0576 Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type J	650.000 LF	_____.	_____.
0052	602.0410 Concrete Sidewalk 5-Inch	159.000 SF	_____.	_____.
0054	618.0100 Maintenance and Repair of Haul Roads (project) 01. 2740-02-70	1.000 EACH	_____.	_____.
0056	619.1000 Mobilization	1.000 EACH	_____.	_____.
0058	620.0200 Concrete Median Blunt Nose	15.000 SF	_____.	_____.
0060	620.0300 Concrete Median Sloped Nose	10.000 SF	_____.	_____.
0062	624.0100 Water	8.000 MGAL	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312014 Project(s): 2740-02-70

Federal ID(s): WISC 2024281

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	625.0100 Topsoil	550.000 SY	_____.	_____.
0066	625.0500 Salvaged Topsoil	3,042.000 SY	_____.	_____.
0068	628.1504 Silt Fence	2,342.000 LF	_____.	_____.
0070	628.1520 Silt Fence Maintenance	2,342.000 LF	_____.	_____.
0072	628.1905 Mobilizations Erosion Control	2.000 EACH	_____.	_____.
0074	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	_____.	_____.
0076	628.2006 Erosion Mat Urban Class I Type A	3,042.000 SY	_____.	_____.
0078	628.7005 Inlet Protection Type A	3.000 EACH	_____.	_____.
0080	628.7015 Inlet Protection Type C	2.000 EACH	_____.	_____.
0082	628.7504 Temporary Ditch Checks	30.000 LF	_____.	_____.
0084	628.7555 Culvert Pipe Checks	4.000 EACH	_____.	_____.
0086	628.7570 Rock Bags	83.000 EACH	_____.	_____.
0088	629.0210 Fertilizer Type B	2.200 CWT	_____.	_____.
0090	630.0130 Seeding Mixture No. 30	83.000 LB	_____.	_____.
0092	630.0500 Seed Water	69.000 MGAL	_____.	_____.
0094	631.0300 Sod Water	5.000 MGAL	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20240312014 Project(s): 2740-02-70

Federal ID(s): WISC 2024281

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0096	631.1000 Sod Lawn	220.000 SY	_____.	_____.
0098	634.0618 Posts Wood 4x6-Inch X 18-FT	48.000 EACH	_____.	_____.
0100	637.2210 Signs Type II Reflective H	480.960 SF	_____.	_____.
0102	637.2215 Signs Type II Reflective H Folding	110.000 SF	_____.	_____.
0104	637.2230 Signs Type II Reflective F	67.140 SF	_____.	_____.
0106	638.2102 Moving Signs Type II	2.000 EACH	_____.	_____.
0108	638.2602 Removing Signs Type II	41.000 EACH	_____.	_____.
0110	638.3000 Removing Small Sign Supports	30.000 EACH	_____.	_____.
0112	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0114	643.0300 Traffic Control Drums	11,878.000 DAY	_____.	_____.
0116	643.0420 Traffic Control Barricades Type III	498.000 DAY	_____.	_____.
0118	643.0500 Traffic Control Flexible Tubular Marker Posts	28.000 EACH	_____.	_____.
0120	643.0600 Traffic Control Flexible Tubular Marker Bases	28.000 EACH	_____.	_____.
0122	643.0705 Traffic Control Warning Lights Type A	996.000 DAY	_____.	_____.
0124	643.0715 Traffic Control Warning Lights Type C	4,069.000 DAY	_____.	_____.
0126	643.0800 Traffic Control Arrow Boards	124.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312014 Project(s): 2740-02-70

Federal ID(s): WISC 2024281

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0128	643.0900 Traffic Control Signs	4,232.000 DAY	_____.	_____.
0130	643.0920 Traffic Control Covering Signs Type II	10.000 EACH	_____.	_____.
0132	643.1050 Traffic Control Signs PCMS	84.000 DAY	_____.	_____.
0134	643.3150 Temporary Marking Line Removable Tape 4-Inch	6,105.000 LF	_____.	_____.
0136	643.3250 Temporary Marking Line Removable Tape 8-Inch	180.000 LF	_____.	_____.
0138	643.3850 Temporary Marking Stop Line Removable Tape 18-Inch	36.000 LF	_____.	_____.
0140	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0142	646.1020 Marking Line Epoxy 4-Inch	2,298.000 LF	_____.	_____.
0144	646.3020 Marking Line Epoxy 8-Inch	1,177.000 LF	_____.	_____.
0146	646.5020 Marking Arrow Epoxy	7.000 EACH	_____.	_____.
0148	646.5120 Marking Word Epoxy	3.000 EACH	_____.	_____.
0150	646.6120 Marking Stop Line Epoxy 18-Inch	36.000 LF	_____.	_____.
0152	646.8120 Marking Curb Epoxy	25.000 LF	_____.	_____.
0154	646.8220 Marking Island Nose Epoxy	3.000 EACH	_____.	_____.
0156	650.4500 Construction Staking Subgrade	1,855.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312014 Project(s): 2740-02-70

Federal ID(s): WISC 2024281

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0158	650.5000 Construction Staking Base	1,855.000 LF	_____.	_____.
0160	650.5500 Construction Staking Curb Gutter and Curb & Gutter	790.000 LF	_____.	_____.
0162	650.7000 Construction Staking Concrete Pavement	214.000 LF	_____.	_____.
0164	650.9000 Construction Staking Curb Ramps	1.000 EACH	_____.	_____.
0166	650.9911 Construction Staking Supplemental Control (project) 01. 2740-02-70	1.000 EACH	_____.	_____.
0168	650.9920 Construction Staking Slope Stakes	1,855.000 LF	_____.	_____.
0170	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	1,000.000 LF	_____.	_____.
0172	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	855.000 LF	_____.	_____.
0174	652.0605 Conduit Special 2-Inch	560.000 LF	_____.	_____.
0176	652.0615 Conduit Special 3-Inch	1,290.000 LF	_____.	_____.
0178	652.0800 Conduit Loop Detector	2,268.000 LF	_____.	_____.
0180	652.0900 Loop Detector Slots	1,457.000 LF	_____.	_____.
0182	653.0135 Pull Boxes Steel 24x36-Inch	4.000 EACH	_____.	_____.
0184	653.0140 Pull Boxes Steel 24x42-Inch	13.000 EACH	_____.	_____.
0186	653.0905 Removing Pull Boxes	13.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312014 Project(s): 2740-02-70

Federal ID(s): WISC 2024281

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0188	654.0101 Concrete Bases Type 1	4.000 EACH	_____.	_____.
0190	654.0105 Concrete Bases Type 5	1.000 EACH	_____.	_____.
0192	654.0110 Concrete Bases Type 10	2.000 EACH	_____.	_____.
0194	654.0113 Concrete Bases Type 13	2.000 EACH	_____.	_____.
0196	654.0120 Concrete Bases Type 10-Special	1.000 EACH	_____.	_____.
0198	654.0217 Concrete Control Cabinet Bases Type 9 Special	1.000 EACH	_____.	_____.
0200	655.0210 Cable Traffic Signal 3-14 AWG	1,490.000 LF	_____.	_____.
0202	655.0230 Cable Traffic Signal 5-14 AWG	865.000 LF	_____.	_____.
0204	655.0260 Cable Traffic Signal 12-14 AWG	3,101.000 LF	_____.	_____.
0206	655.0270 Cable Traffic Signal 15-14 AWG	740.000 LF	_____.	_____.
0208	655.0305 Cable Type UF 2-12 AWG Grounded	1,155.000 LF	_____.	_____.
0210	655.0515 Electrical Wire Traffic Signals 10 AWG	2,520.000 LF	_____.	_____.
0212	655.0610 Electrical Wire Lighting 12 AWG	700.000 LF	_____.	_____.
0214	655.0700 Loop Detector Lead In Cable	10,490.000 LF	_____.	_____.
0216	655.0800 Loop Detector Wire	8,959.000 LF	_____.	_____.
0218	655.0900 Traffic Signal EVP Detector Cable	1,490.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312014 Project(s): 2740-02-70

Federal ID(s): WISC 2024281

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0220	656.0201 Electrical Service Meter Breaker Pedestal (location) 01. Electrical Service Meter Breaker Pedestal STH 167 & Maple Rd	1.000 EACH	_____.	_____.
0222	657.0100 Pedestal Bases	4.000 EACH	_____.	_____.
0224	657.0322 Poles Type 5-Aluminum	1.000 EACH	_____.	_____.
0226	657.0345 Poles Type 9	1.000 EACH	_____.	_____.
0228	657.0350 Poles Type 10	1.000 EACH	_____.	_____.
0230	657.0352 Poles Type 10-Special	1.000 EACH	_____.	_____.
0232	657.0360 Poles Type 13	2.000 EACH	_____.	_____.
0234	657.0420 Traffic Signal Standards Aluminum 13-FT	4.000 EACH	_____.	_____.
0236	657.0515 Monotube Arms 15-FT	1.000 EACH	_____.	_____.
0238	657.0530 Monotube Arms 30-FT	1.000 EACH	_____.	_____.
0240	657.0536 Monotube Arms 35-FT-Special	1.000 EACH	_____.	_____.
0242	657.0550 Monotube Arms 50-FT	1.000 EACH	_____.	_____.
0244	657.0555 Monotube Arms 55-FT	1.000 EACH	_____.	_____.
0246	657.0610 Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	1.000 EACH	_____.	_____.
0248	657.0815 Luminaire Arms Steel 15-FT	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312014 Project(s): 2740-02-70

Federal ID(s): WISC 2024281

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0250	658.0173 Traffic Signal Face 3S 12-Inch	24.000 EACH	_____.	_____.
0252	658.5070 Signal Mounting Hardware (location) 01. STH 167 & Maple Rd	1.000 EACH	_____.	_____.
0254	659.1125 Luminaires Utility LED C	5.000 EACH	_____.	_____.
0256	659.5000.S Lamp, Ballast, LED, Switch Disposal by Contractor	24.000 EACH	_____.	_____.
0258	661.0201 Temporary Traffic Signals for Intersections (location) 01. STH 167 & Maple Rd	1.000 EACH	_____.	_____.
0260	690.0150 Sawing Asphalt	3,340.000 LF	_____.	_____.
0262	690.0250 Sawing Concrete	30.000 LF	_____.	_____.
0264	ASP.1T0A On-the-Job Training Apprentice at \$5.00/ HR	400.000 HRS	5.00000	2,000.00
0266	ASP.1T0G On-the-Job Training Graduate at \$5.00/ HR	900.000 HRS	5.00000	4,500.00
0268	SPV.0060 Special 01. NEMA TS2 Type 1 Traffic Signal Control Cabinet	1.000 EACH	_____.	_____.
0270	SPV.0060 Special 02. Emergency Vehicle Preemption System	1.000 EACH	_____.	_____.
0272	SPV.0090 Special 01. Traffic Channelizing Curb System	80.000 LF	_____.	_____.
0274	465.0105 Asphaltic Surface	880.000 TON	_____.	_____.
0276	650.8501 Construction Staking Electrical Installations (project) 01. 2740-02-70	1.000 EACH	_____.	_____.



**Proposal Schedule of Items**

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**Proposal ID:** 20240312014    **Project(s):** 2740-02-70

**Federal ID(s):** WISC 2024281

**Section:** 0001

**Total:** \_\_\_\_\_.

**Total Bid:** \_\_\_\_\_.

