

# **Wisconsin Department of Transportation**

March 31, 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 #31: 4085-59-71

C of De Pere – V of Allouez Randall Ave – Grignon St

**STH 57** 

**Brown County** 

## Letting of April 12, 2016

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

## **Special Provisions**

	Revised Special Provisions				
Article No.	Description				
4	Traffic				

## Schedule of Items

	Revised Bid Item Quantities							
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total			
204.0110	Removing Asphaltic Surface	SY	107	3	110			
204.0150	Removing Curb & Gutter	LF	338	11	349			
305.0120	Base Aggregate 1 1/4-Inch	TON	66	2	68			
460.6424	HMA Pavement 4 MT 58-28 H	TON	12,143	1	12,144			
601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	338	11	349			
611.8115	Adjusting Inlet Covers	EACH	24	1	25			
624.0100	Water	MGAL	3	0.13	3.13			
625.0100	Topsoil	SY	109	4	113			
628.2006	Erosion Mat Urban Class I Type A	SY	109	4	113			
629.0210	Fertilizer Type B	CWT	0.30	0.1	0.31			
630.0140	Seeding Mixture No. 40	LB	4.34	0.15	4.49			
690.0150	Sawing Asphalt	LF	3,356	13	3,369			
690.0250	Sawing Concrete	LF	128	3	131			

## **Plan Sheets**

	Revised Plan Sheets
Plan	Plan Sheet Title (brief description of changes to sheet)
Sheet	Plan Sheet Title (brief description of changes to sheet)
23	Traffic Control Typical Section – added notes.
30	Traffic Control Plan Sheet – added notes.
31	Traffic Control Plan Sheet – added notes.
36	Miscellaneous Quantities – revised drainage inlet repair table to add inlet repair at STA 26+95
43	Plan Sheet – added inlet repair notes at STA 29+65.

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

### 4085-59-71

### March 31, 2016

## **Special Provisions**

#### 4. Traffic

Replace entire article language with the following:

### General

The following is a general overview of the traffic control and staging required throughout all stages of the project. The staging requirements are described further in the "Prosecution and Progress" article in these special provisions.

Accomplish the construction sequence, including the associated traffic control as detailed in the Traffic Control section of the plans, and as described in the Traffic article.

Unless detailed in the plans, do not begin or continue any work that closes traffic lanes outside the allowed time periods specified in this article.

Submit a detailed traffic control plan to the engineer for approval if different than the traffic control plan provided in the plan set. Submit this plan ten days prior to the pre-construction conference.

Submit all traffic control change requests to the engineer at least 3 working days prior to an actual traffic control change. A request does not constitute approval.

STH 57 will remain open to through traffic at all times for the duration of this project except where noted below and in the Prosecution and Progress article of these special provisions.

The contractor is responsible for coordinating with the following transit and school bussing companies to ensure that bus routes are maintained and accessible throughout construction.

Green Bay Metro
Patricia Kiewiz
Transit Director (Transit & School Bus Routes)
(920) 448-3455

patriciaki@greenbaywi.gov

Lamers Bus Service

School bus coordinator (920)336-5264

### Traffic Operations during all stages:

- Maintain two lanes of northbound traffic and one lane of southbound traffic at all times on STH 57 unless noted otherwise in these provisions or in the plans.
- Maintain traffic on the STH 172 ramps at all times unless noted otherwise in these provisions or in the plans.
- Individual lane closure limits are limited to the length as shown on the plans and as noted in these provisions. Lane closure segment limits listed in the plans may be adjusted only with approval from the engineer.
- Stoppage of traffic is not permitted for traffic traveling along STH 57 or any associated ramps unless noted otherwise in these provisions or in the plans.
- No single lane closures are allowed during the Holiday Work Restrictions or during other work restriction periods described in these special provisions.

- Prior to opening lanes to traffic, the longitudinal joint between adjacent lanes must be less than 2 inches in differential.
- Traffic is not permitted on a milled surface for greater than 72 hours.
- Electronic portable changeable message signs (PCMS) will be appropriately placed and operational prior to the following:

Prior to start of work and lane closures

For incident management

• At least 24 hours prior to any lane closures and width clearance restrictions, notify local fire services, law enforcement, EMS, and schools with affected bus routes:

## Traffic operations during Stage 1:

STH 57

From STH 172 to Miramar Drive and St. Joseph Street to the Canadian Railroad overpass, maintain the following:

Maintain one southbound travel lane and two northbound travel lanes during AM peak hours and non-working hours as follows:

- 1 SB lane on STH 57 SB (10' inside lane)
- 2 NB lanes on STH 57 NB (10' inside lane and 11' outside lane)

Maintain one southbound travel lane and one northbound travel lane during PM peak, off-peak, and nighttime hours as follows:

- 1 SB lane on STH 57 NB (10' inside lane)
- 1 NB lane on STH 57 NB (10' outside lane)

From Miramar Drive to St. Joseph Street and from the Canadian Railroad overpass to the north project limits, maintain the following:

Maintain one southbound travel lane and two northbound travel lanes during AM peak hours and non-working hours as follows:

- 1 SB lane on STH 57 SB (10' inside lane)
- 2 NB lanes on STH 57 NB (10' inside lane and 11' outside lane)

SB left turn lanes at Allouez Avenue, St Joseph Street, and Derby Lane.

Maintain one southbound travel lane and one northbound travel lanes during PM peak hours as follows:

- 1 SB lane on STH 57 SB (10' inside lane)
- 1 NB lanes on STH 57 NB (10' inside or outside lane)

SB left turn lanes at Allouez Avenue, St Joseph Street, and Derby Lane.

Maintain one southbound travel lane and one northbound travel lane during off-peak and nighttime hours as follows:

- 1 SB lane on STH 57 NB (10' inside lane)
- 1 NB lane on STH 57 NB (10' outside lane)

## STH 172 Ramps

Open to traffic

## Other Local Roads

Open to traffic

## Traffic operations during Stage 2:

STH 57

From STH 172 to Miramar Drive and St. Joseph Street to the Canadian Railroad overpass, maintain the following:

Maintain one southbound travel lane and two northbound travel lanes during AM peak hours and non-working hours as follows:

- 1 SB lane on STH 57 SB (10' outside lane)
- 2 NB lanes on STH 57 (10' SB inside lane and 10' NB inside lane)

Maintain one southbound travel lane and one northbound travel lane during PM peak, off-peak, and nighttime hours as follows:

- 1 SB lane on STH 57 SB (10'outside lane)
- 1 NB lane on STH 57 SB (10' inside lane)

From Miramar Drive to St. Joseph Street and the Canadian Railroad overpass to the north project limits, maintain the following:

Maintain one southbound travel lane and two northbound travel lanes during AM peak hours and non-working hours as follows:

- 1 SB traffic lane on STH 57 SB (10' outside lane)
- 2 NB traffic lanes on STH 57 NB (10' inside lane and 11' outside lane)

SB left turn lanes at Allouez Avenue, St Joseph Street, and Derby Lane.

Maintain one southbound travel lane and one northbound travel lanes during PM peak hours as follows:

- 1 SB traffic lane on STH 57 SB (10' outside lane)
- 1 NB traffic lanes on STH 57 NB (10' inside or outside lane)

SB left turn lanes at Allouez Avenue, St Joseph Street, and Derby Lane.

Maintain one southbound travel lane and one northbound travel lane during off-peak and nighttime hours as follows:

- 1 SB lane on STH 57 SB (10' outside lane)
- 1 NB lane on STH 57 SB (10' inside lane)

## STH 172 Ramps

Open to traffic

### Other Local Roads

Open to traffic

## **Traffic operations during Stage 3:**

#### **STH 57**

From the south project limits to STH 172, maintain the following:

Maintain STH 57, one southbound travel lane and two northbound travel lanes during AM peak hours and non-working hours as follows:

- 1 SB lane on STH 57 SB (10' inside travel lane)
- 2 NB lanes on STH 57 NB (10' inside lane and 11' outside lane)

Maintain STH 57, one southbound travel lane and one northbound travel during PM peak, off-peak, and nighttime hours as follows:

- 1 SB lane on STH 57 NB (10' inside lane)
- 1 NB lane on STH 57 NB (10' outside lane)

#### STH 172 Ramps

Open to traffic

## Other Local Roads

Open to traffic

## Traffic operations during Stage 4:

#### **STH 57**

From the south project limits to STH 172, maintain the following:

Maintain one southbound travel lane and two northbound travel lanes during AM peak hours and non-working hours as follows:

- 1 SB lane on STH 57 SB (10' outside lane)
- 2 NB lanes on STH 57 (10' SB inside lane and 10' NB inside lane)

Maintain one southbound travel lane and one northbound travel lane during PM peak, off-peak, and nighttime hours as follows:

- 1 SB lane on STH 57 SB (10' outside lane)
- 1 NB lane on STH 57 SB (10' inside lane)

STH 172 Ramps
Open to traffic

Other Local Roads
Open to traffic

## **Traffic operations during Pavement Marking Operations:**

A moving operation work zone for the restoring/replacing pavement markings is allowed under the following conditions:

- Painting only allowed 9:00 AM 4:00 PM, Monday Thursday (and as restricted by the Holiday Work Restrictions) if work is completed outside of the lane closure areas.
- Vehicle mounted warning signs, arrow panels and warning lights and roadside signs are placed according to the plans.
- All vehicles in the painting convoy shall be equipped with communication devices to facilitate coordination between vehicles.
- Protect paint from traffic at all times while still wet to prevent tracking. Remove wheel
  tracking(s) from the pavement and repair any markings damaged by traffic at no additional
  cost to the department. Claims shall be the responsibility of the contractor.

#### Definitions

The following definitions apply to this contract:

#### **Lane Closures**

Request approval from the engineer for all lane closures in accordance to the "Public Convenience and Safety - Lane Closure Notification." section of these special provisions. Include justification for the lane closure and the anticipated duration in the request. A request does not constitute approval. Terminate temporary single-lane closures at the beginning of peak travel periods. Failure to obtain approval or reopen closed lanes at the required time shall be subject to penalties specified under the article Lane Rental Fee Assessment.

During the times when one or more lanes are allowed to be closed, a minimum clear width of 10 feet, shall be maintained at all times.

#### **Full-time Lane Closures**

Full-time lane closure of either the northbound outside travel lane or the southbound outside travel lane on STH 57 between Randall Avenue and Grignon Street are permitted for asphalt rehabilitation work and inlet repairs. Only one existing travel lane of STH 57 may be closed full-time during each stage. Full time closure of two or more travel lanes is not permitted.

## **Temporary Single-Lane Closures**

Temporary single-lane closures are required for resurfacing operations. Times listed for single-lane closure restrictions include setup and breakdown of any equipment and traffic control devices. Temporary single-lane closures are not allowed when no work is being performed.

#### **Lane Closure Times**

The engineer may suspend work activities during the periods listed below in the event that undesirable traffic congestion develops that has the potential to cause lengthy motorist delay or unsafe working conditions.

Temporary Single-Lane Closures are not allowed at the times noted below:

- AM Peak Hours: 6 am to 9 am Monday through Friday.
- Nighttime Hours: 10 pm to 6 am the following morning, Monday through Friday, Saturday, and Sunday, unless approved by the engineer and the local municipality as noted in these special provisions.

Temporary Single-Lane Closures will be allowed at the times noted below:

- Off-peak Hours: 9 am to 4 pm and 6 pm to 10 pm Monday through Friday.
- PM Peak Hours: 4 pm to 6 pm Monday through Friday.

## **Nighttime Lane Closures**

The use of nighttime work along STH 57 northbound may be permitted from STA 118+00 to STA 144+50 and from STA 171+00 to STA 184+67 to expedite the paving operations and minimize travels delays. To request a variance for night work, submit a detailed schedule for review including the dates of the nighttime lane closure and anticipate working hours for each area to the engineer and the village of Allouez Public Works Director fourteen (14) days prior to the start of the nighttime work. Submittal of the schedule does not constitute final approval.

The schedule shall include the following:

#### STA 118+00 to STA 144+50

- Nighttime work shall be limited to four (4) days per week over a maximum of a two week period.
- Nighttime hours begin at 10 pm to 6 am the following morning.

### STA 171+00 to STA 184+67

- Nighttime work shall be limited to five (5) consecutive calendar days.
- Nighttime hours begin at 10 pm to 6 am the following morning.

## **Wisconsin Lane Closure System Advance Notification**

Provide the following advance notification to the engineer for incorporation into the Wisconsin Lane Closure System (LCS).

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

Closure type with height, weight, or width restrictions (available width, all lanes in one direction ≤16')	MINIMUM NOTIFICATION
Lane and shoulder closures	14 calendar days
Full roadway closures	14 calendar days
System and service ramp closures	14 calendar days
Full system and service ramp closures	14 calendar days
Detours	14 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction >16')	MINIMUM NOTIFICATION
Lane and shoulder closures	3 business days
System and service ramp closures	3 business days
Modifying all closure types	3 business days

Discuss LCS completion dates and provide changes in the schedule to the engineer at weekly project meetings in order to manage closures nearing their completion date. 108-057 (20150630)

## Portable Changeable Message Signs – Message Prior Approval

After coordinating with Department construction field staff, notify the Northeast Region Traffic Section at 920-492-7165 (secondary contact number is 920-492-7719) 3 business days prior to deploying or changing a message on a PCMS to obtain approval of the proposed message. The Northeast Region Traffic Unit will review the proposed message and either approve the message or make necessary changes.

#### **General Access**

Delivery of equipment to STH 57 requiring the use of a semi-tractor and trailer shall only occur during those hours identified as designated as off-peak work periods.

Delivery and removal of materials and equipment via STH 57 shall only take place during those hours identified as designated work periods.

## **Property Access**

Maintain access to properties along the project for local residents, businesses, and emergency vehicles. Access to all driveways and parking lots where alternative access is not available shall remain open at all times except during milling and paving operations. Notify property owners a minimum of 48 hours in advance of driveway access restrictions or changes.

Contact businesses operating along STH 57 to coordinate their specific needs for deliveries along the corridor with the contractor's work operations.

When construction activities limit visibility at driveways and side roads along STH 57, provide a flagger to assist vehicles entering the STH 57. Make arrangements and be responsible for the prompt replacement of damaged or dislocated traffic control or guidance devices, day or night.

Inform all adjacent property owners two working days prior to closing their access. Maintaining property access as described above is considered incidental to the Traffic Control (Project) bid item.

#### **Construction Access**

All construction access is subject to approval of the engineer.

Construction traffic cannot travel counter-directional adjacent to STH 57 traffic.

#### Schedule of Items

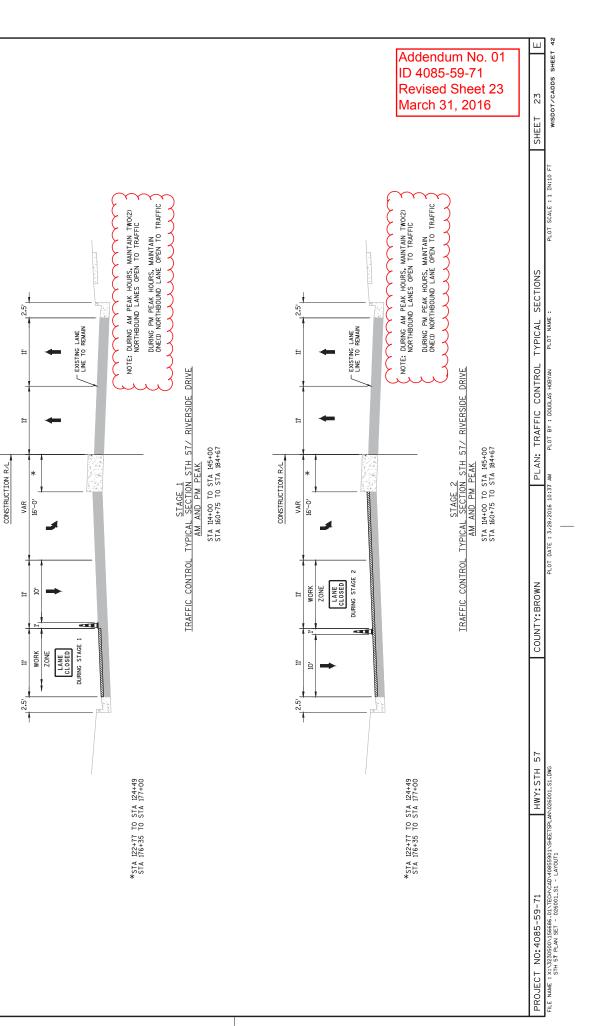
Attached, dated March 31, 2016, are the revised Schedule of Items Pages 1-7.

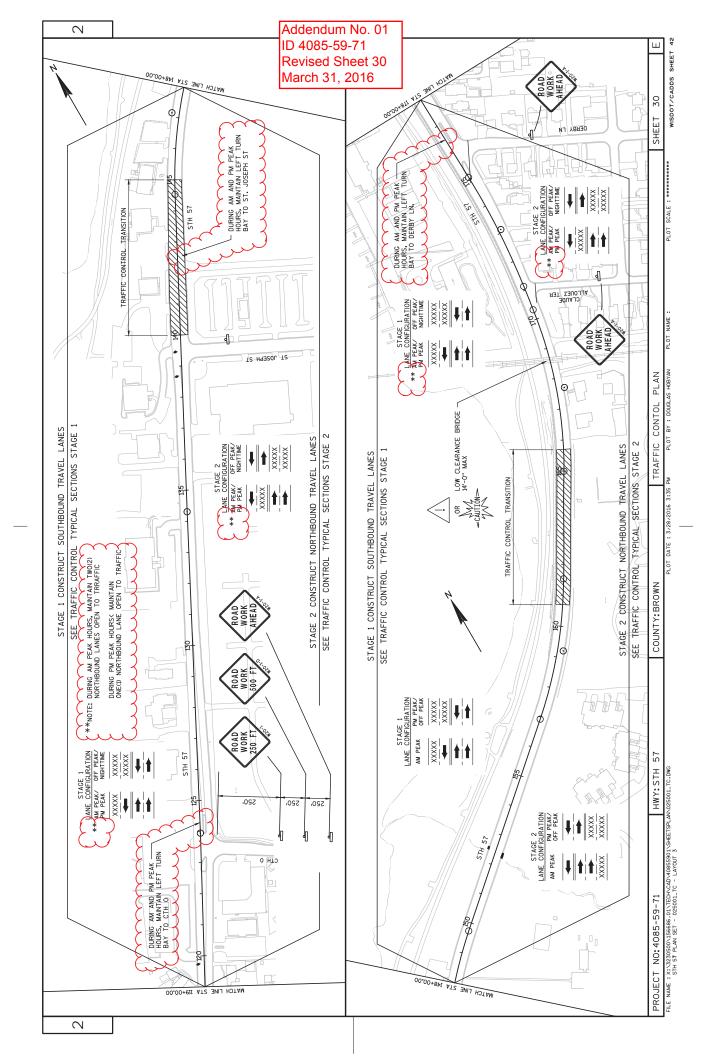
#### **Plan Sheets**

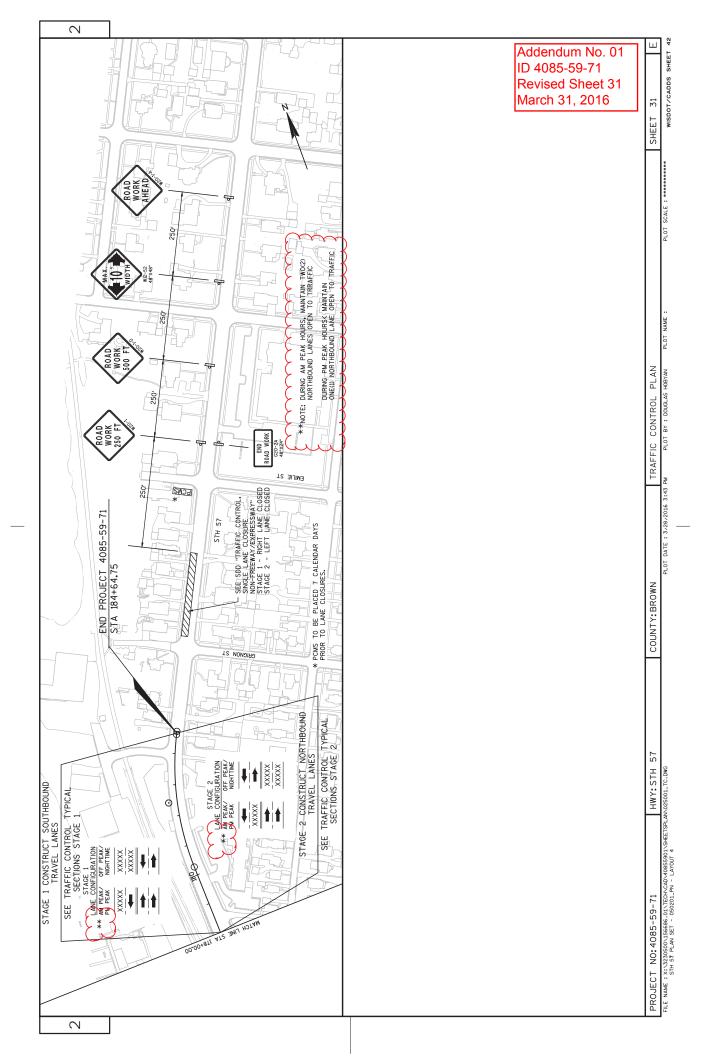
The following  $8\frac{1}{2}$  x 11-inch sheets are attached and made part of the plans for this proposal: Revised: 23, 30, 31, 36, and 43.

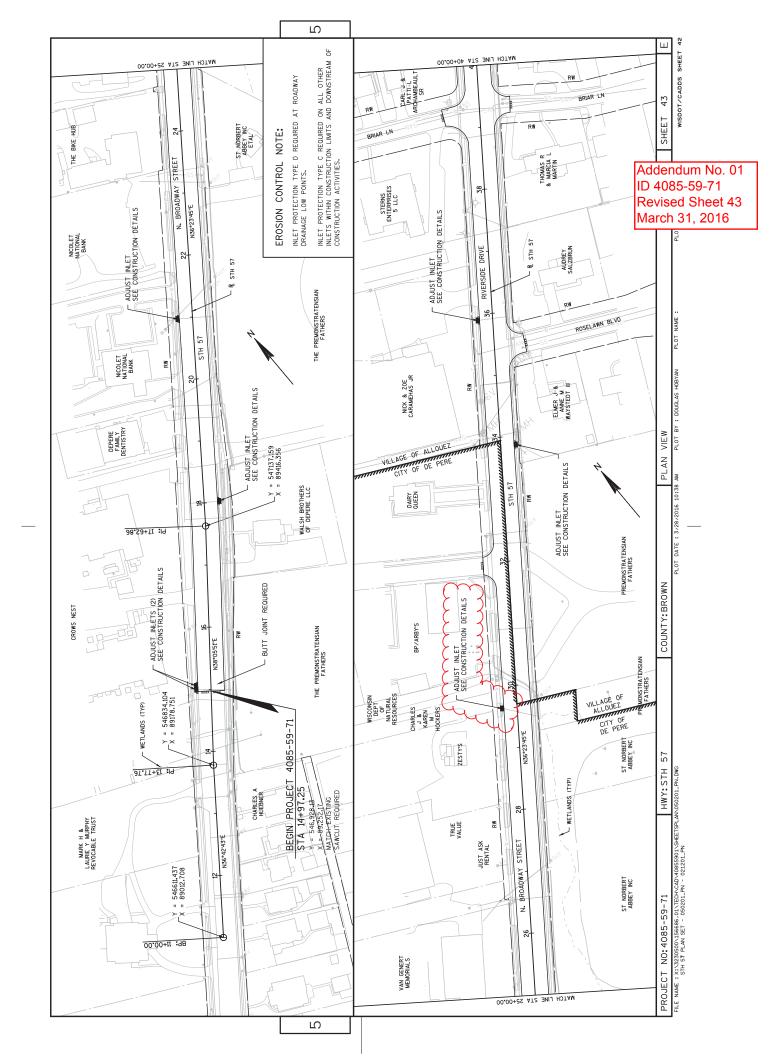
**END OF ADDENDUM** 











# Wisconsin Department of Transportation PAGE: 1 DATE: 03/31/16

SCHEDULE OF ITEMS REVISED:

CONTRACT:

LINE	!	APPROX.		UNIT P		BID AM	OUNT
NO	DESCRIPTION 	QUANTITY   AND UNITS	1	DOLLARS		DOLLARS	CTS
SECTI	ON 0001 Contract Items						
	204.0110 Removing  Asphaltic Surface 	   110.00	00				
	204.0115 Removing  Asphaltic Surface Butt  Joints	   800.00	       			   	
	204.0120 Removing  Asphaltic Surface  Milling	74,960.00	00			   	
0040	204.0150 Removing Curb &  Gutter 	   349.00  LF	00				
0050	213.0100 Finishing  Roadway (project) 01.  4085-59-71	   1.00  EACH	00				
0060	305.0120 Base Aggregate  Dense 1 1/4-Inch 	   68.00  TON	00				
	440.4410 Incentive IRI  Ride 	   22,080.00  DOL	00	<u>:</u>	1.00000	220	80.00
0080	455.0505 Asphaltic  Material Seal Coat 	   28,500.00  GAL	00				
0090	455.0605 Tack Coat   	   500.00  GAL	00	<b></b>		<b></b>   	
0100	460.2000 Incentive  Density HMA Pavement 	7,770.00	00	:	1.00000	     77	70.00

# Wisconsin Department of Transportation PAGE: 2 DATE: 03/31/16

REVISED:

SCHEDULE OF ITEMS

LINE NO	TTEM DESCRIPTION	APPROX. QUANTITY	UNIT PRICE	BID AMOUNT
NO	DESCRIPTION	AND UNITS	DOLLARS   CTS	DOLLARS CTS
0110	460.4110.S Reheating HMA  Pavement Longitudinal  Joints	30,370.00	0	   
	460.6424 HMA Pavement 4  MT 58-28 H	   12,144.00  TON	0   .	     
	465.0110 Asphaltic  Surface Patching 	   100.00  TON		     
	601.0411 Concrete Curb &  Gutter 30-Inch Type D 	   349.00  LF		   
	611.8110 Adjusting  Manhole Covers 	3.00	0   .	     
	611.8115 Adjusting Inlet  Covers 	   25.00  EACH	0   .	   
0170	618.0100 Maintenance And  Repair of Haul Roads  (project) 01.  4085-59-71	   1.00  EACH	0   .	     
0180	619.1000 Mobilization 	   1.00  EACH	0   .	     
0190	624.0100 Water   	   3.13  MGAL	0   .	   
0200	625.0100 Topsoil 	   113.00  SY	0   .	   
0210	628.1905 Mobilizations  Erosion Control	     5.00  EACH	         .	     

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## SCHEDULE OF ITEMS

REVISED:

LINE	1	APPROX.		UNIT PR		BID AM	
NO	DESCRIPTION	QUANTITY   AND UNITS		DOLLARS		   DOLLARS	CTS
	628.1910 Mobilizations  Emergency Erosion  Control	   3.  EACH	  000 			   	
0230	628.2006 Erosion Mat  Urban Class I Type A 	   113.  SY	  000		•		·
	628.7015 Inlet  Protection Type C 	   124.  EACH	  000 			 	
	628.7020 Inlet  Protection Type D 	   39.  EACH	  000 			   	· 
0260	629.0210 Fertilizer Type  B 	   0.  CWT	310   				
	630.0140 Seeding Mixture  No. 40	1	   490 			   	
	634.0614 Posts Wood  4x6-Inch X 14-FT 	   85.  EACH	  000 		•	   	
0290	634.0616 Posts Wood  4x6-Inch X 16-FT 	   40.  EACH	  000 			   	
	637.2210 Signs Type II  Reflective H 	   1,030.  SF	630     			 	•
	637.2215 Signs Type II  Reflective H Folding 	   66.  SF	    500			   	
	637.2230 Signs Type II  Reflective F 		    000			     	

# Wisconsin Department of Transportation PAGE: 4 DATE: 03/31/16

## SCHEDULE OF ITEMS

REVISED:

	ACTOR :						
LINE NO	TTEM DESCRIPTION	APPROX.	!	UNIT P	RICE	BID AM 	OUNT
	 	AND UNIT	AND UNITS		CTS	DOLLARS	CTS
	638.2602 Removing Signs  Type II 	   137  EACH	  000. 				
	638.3000 Removing Small  Sign Supports 	   123  EACH	.000				
	642.5001 Field Office  Type B 	   1  EACH	  000.			   	
0360	643.0100 Traffic Control  (project) 01.  4085-59-71	!	.000.			   	
	643.0300 Traffic Control  Drums 	   7,227  DAY	.000			   	
	643.0420 Traffic Control  Barricades Type III 	   1,789  DAY	.000.				
	643.0705 Traffic Control  Warning Lights Type A 	   3,577  DAY	  000.				
	643.0715 Traffic Control  Warning Lights Type C 	   7,113  DAY	.000.			   	
	643.0800 Traffic Control  Arrow Boards 	•	.000.			   	
	643.0900 Traffic Control  Signs 	   4,623  DAY	.000.				
	643.1050 Traffic Control  Signs PCMS 		.000.			     	

# Wisconsin Department of Transportation PAGE: 5 DATE: 03/31/16

## SCHEDULE OF ITEMS

REVISED:

LINE	!	APPROX.	UNIT PRICE	BID AMOUNT
NO	DESCRIPTION	QUANTITY   AND UNITS	DOLLARS   CTS	DOLLARS CTS
0440	646.0106 Pavement  Marking Epoxy 4-Inch 	   39,305.000  LF	)	
0450	646.0126 Pavement  Marking Epoxy 8-Inch 	   1,195.000  LF	)   	   
0460	646.0600 Removing  Pavement Markings 	   37,215.000  LF	         	   
0470	647.0456 Pavement  Marking Curb Epoxy 	   315.000  LF	       	     
0480	647.0566 Pavement  Marking Stop Line Epoxy  18-Inch	   15.000  LF	)   	   
0490	647.0606 Pavement  Marking Island Nose  Epoxy	   11.000  EACH	)   	   
0500	647.0726 Pavement  Marking Diagonal Epoxy  12-Inch	   240.000  LF	       	   
0510	647.0766 Pavement  Marking Crosswalk Epoxy  6-Inch	   160.000  LF	         	     
0520	647.0856 Pavement  Marking Concrete  Corrugated Median Epoxy 	6,330.000		
0530	649.0400 Temporary  Pavement Marking  Removable Tape 4-Inch	   55,000.000  LF	       	     

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REVISED: SCHEDULE OF ITEMS

LINE	I .	APPROX.	UNIT PRICE	BID AMOUNT
NO	DESCRIPTION	QUANTITY   AND UNITS	DOLLARS   CTS	DOLLARS CT
	649.0801 Temporary  Pavement Marking  Removable Tape 8-Inch	   3,150.000  LF	     	
0550	650.5500 Construction  Staking Curb Gutter and  Curb & Gutter	   338.000  LF	     	   
0560	650.8000 Construction  Staking Resurfacing  Reference	   16,970.000  LF		·
0570	650.9910 Construction   Staking Supplemental   Control (project) 01.   4085-59-71	  LUMP 	  LUMP 	
0580	690.0150 Sawing Asphalt 	   3,369.000  LF	     	 
0590	690.0250 Sawing Concrete	   131.000  LF	     	 
	SPV.0045 Special 01.  Traffic Control  Channelizer Cone	   52,228.000  DAY	     	
	SPV.0045 Special 02.  Portable Changeable  Message Sign (PCMS)  Cellular Communications	   290.000  DAY	       	
	SPV.0060 Special 01.  Adjusting Sanitary  Manhole Covers	   7.000  EACH	     	 
0630	SPV.0075 Special 01.  Street Sweeping	   300.000  HRS	     	

Wisconsin Department of Transportation PAGE: 7 DATE: 03/31/16

SCHEDULE OF ITEMS REVISED:

CONTRA	ACTOR :					
LINE   NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PE	RICE 	BID AM     DOLLARS	OUNT   CTS
0640	SPV.0195 Special 01. Asphaltic Pavement Underseal	   875.000  TON	   		   	
	SECTION 0001 TOTAL		   			
	TOTAL BID					