



Wisconsin Department of Transportation

September 8, 2015

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 #11: 1021-01-72, WISC 2015 492
Hudson - Baldwin
CTH T Bridge B-55-0260
IH 94
St. Croix County

Letting of September 15, 2015

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

Special Provisions

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0100	Excavation Common	CY	56,850	60,382	60,512
208.0100	Borrow	CY	326,105	328,204	328,204
608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	295	131	131

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.4000	HMA Cold Weather Paving	TON	0	200	200
608.0530	Storm Sewer Pipe Reinforced Concrete Class V 30-Inch	LF	0	164	164
608.0548	Storm Sewer Pipe Reinforced Concrete Class V 48-Inch	LF	0	83	83

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
2	General Notes revised to indicate the AC type by layer is for HMA Pavement Only
28	Construction detail revised
168	Quantities revised
172	Quantities revised
176	Quantities revised
426	Tables modified

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
426A	Earthwork sheet added

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

ID 1021-01-72

September 8, 2015

Special Provisions

3. Prosecution and Progress.

Replace entire article language with the following:

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

Provide the time frame for construction of the project within the 2016 construction season to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Assure that the time frame is consistent with the contract completion time. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the beginning of the approved time frame.

To revise the time frame, submit a written request to the engineer at least two weeks before the beginning of the intended time frame. 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.

The notice to proceed shall be issued no later than March 21, 2016.

Temporary Single Lane-Closures

Project staging requires roadside work zone, construction vehicle and/or traffic control device encroachments within 6-foot horizontal and/or vertical, from the edge of the shoulder side of a lane. These encroachments require a temporary single-lane closure of the IH 94 lane closest to construction. Lane closures are required when work operations overhead are generating debris. Immediately remove all debris or spillage falling on live lanes or shoulders. Refer to the article Lane Rental Fee Assessments for information regarding when lane closures are allowed without incurring lane rental fees.

Removal and Reinstallation of Guardrail

The existing guardrail shall remain in place at all times throughout construction when the adjacent lane is open to traffic. Prior to removal of the existing guardrail and installation of the new guardrail, close the adjacent travel lane. Once removal of the existing guardrail begins, complete installation of the new guardrail system prior to reopening the adjacent travel lane unless other protection is provided. Do not open the adjacent traffic lane until the guardrail system is replaced and the hazard is fully protected.

Shoulder Closures

The contractor will be allowed to perform work on items that are located beyond 6-foot horizontal and/or vertical, from the edge of an open lane of traffic, utilizing a shoulder closure with the approval of the engineer. Construction vehicles and equipment shall be located outside of the 6-foot encroachment area. Shoulder closures shall only occur on one shoulder at a time. The existing roadway shall be open to two lanes of traffic in each direction. The lane closure restrictions outlined in the article for Lane Rental Fee Assessment will not apply to work that can be completed with an approved shoulder closure. All shoulder closures shall be removed during applicable Holiday Work Restrictions unless provided for in shielding a hazard.

Girder Placement and Removal

The contractor will be allowed to close two lanes in a single direction for a maximum of eight nights to facilitate bridge girder removal (B-55-42) and girder delivery and placement for structure B-55-0260. The allowance include four nights for existing deck and girder removal. The allowance includes four nights for girder placement (two nights in Stage 1 and two nights in Stage 3). The closures must take place on a day that has allowable single lane closure hours and according to the Allowable IH 94 Full Roadway Closure Hours table in the Lane Rental Fee Assessment article.

Law enforcement shall be used to direct traffic using the exit and entrance ramps in the direction of the closure of the CTH T interchange. Penalties for not opening IH 94 on time in the closure direction will be subject to penalties laid out in section A.1 of the Lane Rental Fee Assessment. Contact the Wisconsin State Patrol (phone 715-236-2242) a minimum of two weeks prior to each full closure to coordinate staffing and implementation of the detour route. Cost for Wisconsin State Patrol services associated with the IH 94 roadway closures will be the responsibility of the Department. Cost for any additional Wisconsin State Patrol services that are requested by the contractor will be the contractor's responsibility.

Protection of Bridge Pier Columns

Bridge pier columns are to remain protected at all times throughout construction. Removal of existing guardrail shall be done concurrently with the placement of the temporary concrete barrier so that the bridge pier columns remain protected at all times. Placement of new beam guard shall be completed to a point to provide protection for the pier columns before the temporary concrete barrier is removed. Remaining beam guard shall be placed within 24 hours of the temporary concrete barrier being removed.

Migratory Birds

Swallow and other migratory birds' nests have been observed on or under the existing bridge. All active nests (when eggs or young are present) of migratory birds are protected under the federal Migratory Bird Treaty Act.

The nesting season for swallows and other birds is usually between May 1 and August 30. Either prevent active nests from becoming established, or apply for a depredation permit from the US Fish and Wildlife Service for work that may disturb or destroy active nests. The need for a permit may be avoided by removing the existing bridge structure prior to nest occupation by birds, or clearing nests from all structures before the nests become active in early spring. As a last resort, prevent birds from nesting by installing a suitable netting device on the remaining structure prior to nesting activity. Include the cost for preventing nesting in the cost of Removing Old Structure.

At the beginning of Stage 2 operations, close CTH T and the IH 94 ramps to through traffic for a maximum of 21 calendar days. Do not reopen until completing the following work: the roundabout intersections and new IH 94 ramps including pavement, east half of B-55-0260 and approaches, pavement markings, temporary signals, signage and lighting. The 21-day closure shall not begin prior to July 11, 2016.

Replace standard spec 108.10.2.2(1) as follows:

- (1) The engineer will award a time extension for severe weather on calendar day and completion date contracts. Submit a request for severe weather days if the number of adverse weather days, as defined in standard spec 101.3, exceeds the anticipated number of adverse weather days tabulated below.

Total Anticipated Adverse Weather Days for Each Calendar Month

Jan	31	Aug	3
Feb	28	Sept	4
Mar	31	Oct	5
April	5	Nov 1 through 15	2
May	4	Nov 16 through 30	15

June 4
July 3

Dec 31

Supplement standard spec 108.11 as follows:

If the contractor fails to complete the work necessary to reopen CTH T and the IH 94 ramps to traffic within 21 calendar days, the department will assess the contractor \$6,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 21 calendar days. 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.

Schedule of Items

Attached, dated September 8, 2015, are the revised Schedule of Items Pages 2, 8, and 26.

Plan Sheets

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

Revised: 2, 28, 168, 172, 176, 426, and 426A

Added: 426A

END OF ADDENDUM

GENERAL NOTES

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE APPROXIMATE USGS DATUM NAVD 83 (1991).

WHEN THE QUANTITY OF BASE AGGREGATE OR ASPHALTIC SURFACE IS MEASURED FOR PAYMENT BY THE CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER. CURVE DATA IS BASED ON THE ARC DEFINITION.

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD. DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE 4-INCH SALVAGED TOPSOIL, FERTILIZED, SEEDED AND MULCHED.

BEARINGS SHOWN ON THE PLANS ARE GROUND BEARINGS TO THE NEAREST SECOND.

THE LOCATION OF ALL DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER.

ALL CURB AND GUTTER RADI, PAVEMENT DIMENSIONS AND STATIONS ARE SHOWN TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.

CONSTRUCT INSIDE EDGE OF SIDEWALK 1/4-INCH HIGHER THAN THE TOP OF CURB, WHEN THEY ARE ADJACENT TO EACH OTHER.

A VERTICAL SAMCUT SHALL BE MADE THROUGH EXISTING DRIVEWAYS AND PAVEMENTS AT REMOVAL LIMITS.

TOP OF CASTING ELEVATIONS SHOWN FOR INLETS REFER TO THE CASTING ELEVATION AT THE FRONT EDGE OF CASTING.

CONSTRUCTION PERMITS FOR SIDEWALK AND/OR DRIVEWAY CONSTRUCTION HAVE BEEN OBTAINED AND SUCH RIGHTS WILL BE EXTENDED TO THE CONTRACTOR.

ALL STORM SEWER INVERTS, ELEVATIONS, PIPE LENGTHS, AND GRADES ARE COMPUTED CENTER-TO-CENTER OF STRUCTURES.

EXCAVATION BELOW SUBGRADE LEVELS MAY BE REQUIRED IN AREAS WHERE POOR SOILS ARE ENCOUNTERED. ESTIMATED ESB AREAS ARE SHOWN ON THE CROSS SECTIONS. ACTUAL LIMITS OF EBS IS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL SPECIAL/HPMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYER THICKNESSES:

PAVEMENT THICKNESS (INCH)	LOWER (INCH)	NOV AGG (INCH)	LOWER (INCH)	NOV AGG (INCH)	UPPER (INCH)	NOV AGG (INCH)
9	3 1/2	19	3 1/2	19	2	12.5
7 1/2	3 1/2	19	2 1/2	19	2	12.5
7 1/4	3 1/2	19	2 1/2	19	1 1/2	12.5
5	2 1/2	19	1 1/2	12.5	1 1/2	12.5
4	2 1/2	19	1 1/2	12.5	1 1/2	12.5
2	---	---	---	---	2	12.5

HPMA PAVEMENT LOWER LAYERS ARE TYPE E-3 AND UPPER LAYERS ARE TYPE E-10

SILT FENCE IS TO BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, AND IN PLACE PRIOR TO BRIDGE REMOVAL.

WISDOT MONUMENTS WILL BE SUPPLIED BY THE STATE AND INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.

EXISTING PIPE CULVERT AND/OR CONCRETE BOX CULVERT SIZES SHOWN ARE APPROXIMATE AND THE CONTRACTOR SHALL BASE ITS BID ON ACTUAL FIELD CONDITIONS.

ORDER OF SECTION 2 SHEETS

- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- INTERSECTION DETAILS
- CROSS SECTIONS MATCHLINES
- EROSION CONTROL AND DRAINAGE DETAILS
- STORM SEWER DETAILS
- SIGNING DETAILS
- LIGHTING DETAILS
- TRAFFIC SIGNAL DETAILS
- PAVEMENT MARKING DETAILS
- TRAFFIC CONTROL DETAILS
- CONSTRUCTION STAGING DETAILS
- ALIGNMENT DETAILS

UTILITY CONTACTS

- * AT&T LEGACY COMMUNICATION LINE
ATTN: MR. WILLIAM KOENIG
P.O. BOX 244
LAKE MILLS, WI 53551
TELEPHONE: (608) 628-0575
E-MAIL: JMC@HOFONTIER.COM
- * LEVEL 3 COMMUNICATIONS LLC
COMMUNICATION LINE
ATTN: MR. BRAD MORSETH
715 N. 2ND STREET
MINNEAPOLIS, MN 55401
TELEPHONE: (612) 343-3257
E-MAIL: BRAD.MORSETH@LEVEL3.COM
- * ST. CROIX ELECTRIC COOPERATIVE
ELECTRICITY
ATTN: MR. ROB DOOLEY
8225 RIDGEWAY STREET
P.O. BOX 809
HAMMOND, WI 54005-5039
TELEPHONE: (715) 796-7000
E-MAIL: ROBDOO@SCENET.NET
- * WISCONSIN DEPARTMENT OF TRANSPORTATION
COMMUNICATION LINE
ATTN: MR. JEFF MADSON
433 W ST. PALL AVENUE, SUITE 300
MILWAUKEE, WI 53203-3007
TELEPHONE: (414) 225-3723
E-MAIL: JEFFERY.MADSON@DOT.WI.GOV
- * CENTURYLINK COMMUNICATIONS, F/K/A ONEST
COMMUNICATION LINE
ATTN: MR. ROBERT SAMPSON
1310 EAST MARY STREET
OTTUMWA, WI 52501
TELEPHONE: (631) 887-5367
E-MAIL: ROBERT.SAMPSON@CENTURYLINK.COM
- * CENTURYLINK COMMUNICATIONS, F/K/A ONEST
COMMUNICATION LINE
ATTN: MR. BRUCE LARSON
20 S WILSON AVENUE
RICE LAKE, WI 54888
TELEPHONE: (715) 234-5573
E-MAIL: BRUCE.LARSON@CENTURYLINK.COM

* DENOTES DIGGERS HOTLINE MEMBER

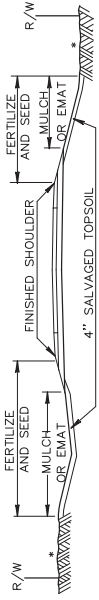
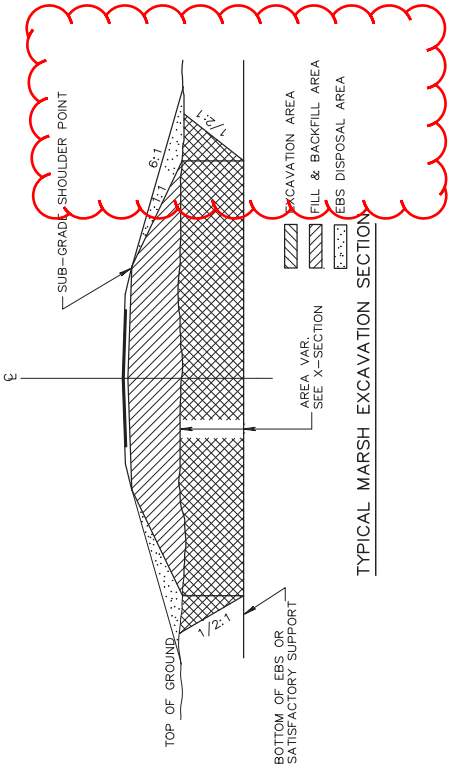


Dial 811 or (800)242-8511
www.DiggersHotline.com

Addendum No. 01
ID 1021-01-72
Revised Sheet 2
September 8, 2015

CONSULTANT CONTACT
HEAD QUARTERS
6501 WATTS ROAD
MADISON, WI 53719-2700
ATTN: MR. SCOTT HASBROUGH, P.E.
TELEPHONE: 608-273-6380
E-MAIL: SCOTT.HASBROUGH@ADHUNT.COM

DNR LIAISON
DEPARTMENT OF NATURAL RESOURCES
WEST CENTRAL REGION
1300 WEST CLAREMONT AVENUE
P.O. BOX 4001
EAU CLAIRE, WI 54701-4001
ATTN: MR. NICK SCHAFF
TELEPHONE: 715-839-1609
E-MAIL: NICHOLAS.SCHAFF@WISCONSIN.GOV



* DISTURBED AREAS TO BE FERTILIZED & SEEDED

DETAIL FOR FINISHING ITEMS

Addendum No. 01
 ID 1021-01-72
 Revised Sheet 28
 September 8, 2015

Addendum No. 01
ID 1021-01-72
Revised Sheet 168
September 8, 2015

EARTHWORK SUMMARY

CATEGORY	STATION	STATION	LOCATION	EXCAVATION COMMON				208.0100 BORROW				REMARKS	
				(1) CUT FROM EW DATA (CY)	(2) EBS (CY)	(3) SALVAGED/ UNUSABLE PAVEMENT MATERIAL (CY)	(3A) REDUCED EBS IN FILL FACTOR = 0.8 (CY)	(4) EXPANDED FILL FROM EW DATA (CY)	(5) EXPANDED FILL (CY)	(6) MASS ORDINATE (CY)	(7) BORROW (CY)		WASTE (CY)
STAGE 1													
0010	10+00'A - 45+00'A		RAMP A (NW)	4,532				52,297	52,297		-47,765		
	39+00'A - 45+00'A		RAMP A (NW)		11,932		9,546	15,511	12,647		-12,647		
	11+50'B - 27+38.70'B		RAMP B (NE)	628				32,450	32,450		-31,822		
	10+00'C - 30+00'C		RAMP C (SW)	493				85,144	85,144		-84,651		
	23+00'C - 30+00'C		RAMP C (SW)		16,458		13,166	21,396	17,446		-17,446		
	11+50'D - 41+42.50'D		RAMP D (SE)	279				49,461	49,461		-49,182		
	11+50'D - 20+00'D		RAMP D (SE)		6,888		5,510	8,954	7,301		-7,301		
	39+50'T - 61+50'T		CTH T	322				60,116	60,116		-59,794		
	20+42'FE - 22+57'FE		FIELD ENTRANCE	326				1,117	1,117		-791		
	616+30'EB - 824+45'EB		IH 94 MEDIAN	236				45	45		251		
	11+50'FR - 13+31'FR		FRONTAGE RD					1,059	1,059		-1,059		
	STAGE 1 SUBTOTAL			6,876	35,278		28,222	327,550	319,063		-312,207	312,207	24,695
STAGE 1A													
	48+50'T - 62+00'T		CTH T	318				416	416		-98		
	STAGE 1A SUBTOTAL			318				416	416		-98		
STAGE 2													
	10+00'A - 35+50'A		RAMP A (NW)	1,768				68	68		1,700		
	17+11'B - 27+38.70'B		RAMP B (NE)	773				773	773				
	10+00'C - 22+50'C		RAMP C (SW)	806				143	143		663		
	18+50'D - 41+42.50'D		RAMP D (SE)	1,876				23,329	23,329		-20,911		
	39+00'T - 65+10'T		CTH T	2,418				23,540	23,540		-15,889		
	STAGE 2 SUBTOTAL			7,641				23,540	23,540		-15,889	15,889	
STAGE 3													
	31+50'A - 45+00'A		RAMP A (NW)	2,467				2,595	2,595		-128		
	11+50'B - 17+00'B		RAMP B (NE)	1,916				2,245	2,245		1,916		
	23+00'C - 30+00'C		RAMP C (SW)	2,654				303	303		409		
	11+50'D - 18+00'D		RAMP D (SE)	3,232				5,143	5,143		5,126		
	STAGE 3 SUBTOTAL			10,269				5,143	5,143		5,126		
STAGE 3A													
	10+00'PR - 14+63'PR		PARK AND RIDE ROAD (PR)	130				1,766	1,766		-1,636		
	9+81'PR - 13+10'PR		PARK AND RIDE LOT					3,470	3,470		-3,470		
	STAGE 3A SUBTOTAL			130				5,236	5,236		-5,106	20	
	TOTAL			25,234	35,278		28,222	361,885	353,418		-328,184	328,204	24,715
				60,512									

EXCAVATION COMMON		BORROW	
0010 TOTAL	60,382	0010 TOTAL	328,204
0030 TOTAL	130	0030 TOTAL	

(1) COMMON FROM COMPUTER EARTHWORK DATA. INCLUDES PAVEMENT REMOVAL/CONTAINS SALVAGED/UNUSABLE PAVEMENT MATERIAL

(2) UNDISTRIBUTED EBS

(3) EBS IS ESTIMATED AS AN UNDISTRIBUTED QUANTITY
EBS QUANTITIES ARE PARTIALLY USED IN EARTHWORK BALANCE

(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL

(5) REDUCED EBS IN FILL - EXCAVATED EBS MATERIAL IS USABLE IN FILLS OUTSIDE THE 1:1 SLOPE. EBS IN FILL REDUCTION FACTOR = 0.8

(6) IT IS ESTIMATED THAT 30% OF THE EBS MATERIAL CAN BE USED IN FILLS. THE BALANCE IS CONSIDERED WASTE

(7) EXPANDED FILL FROM COMPUTER EARTHWORK DATA

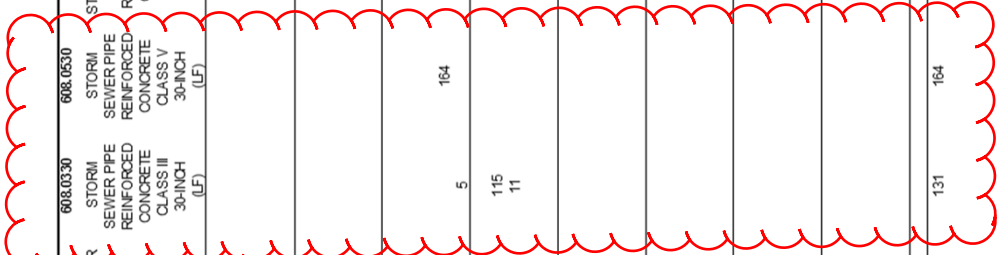
(8) EXPANDED FILL FACTOR = 1.3

(9) EXPANDED FILL = EW DATA FILL - REDUCED EBS IN FILL

(10) MASS ORDINATE IS + OR - QUANTITY FOR STAGE. PLUS IS EXCESS, MINUS IS SHORTAGE

(11) BORROW TO BE OBTAINED FROM LOCATION OF CONTRACTOR'S CHOICE

STORM SEWER PIPE	521.0757	608.0312	608.0315	608.0318	608.0324	608.0330	608.0530	608.0336	608.0548	SPV.0090.02	SPV.0090.03	
DOWN STREAM INVERT ELEVATION	PIPE ARCH CORRUGATED STEEL 57x38- INCH (LF)	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12 INCH (LF)	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15 INCH (LF)	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18 INCH (LF)	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24 INCH (LF)	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30 INCH (LF)	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30 INCH (LF)	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36 INCH (LF)	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 48 INCH (LF)	BORE AND JACK STORM SEWER PIPE REINFORCED CONCRETE CLASS V 48 INCH (LF)	BORE AND JACK STORM SEWER PIPE REINFORCED CONCRETE CLASS V 36 INCH (LF)	
UP STREAM INVERT ELEVATION	PIPE FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010
2	P-1	1.1	1.0	1168.40	1168.65							
2	P-2	2.1	2.0	1170.30	1169.45							
2	P-3	2.3	2.1	1170.93	1170.73							
2	P-18	13.1	13.0	1191.10	1190.50							
2	P-22	15.1	15.0	1179.48	1178.80							
1	P-30	22.2	22.1	1150.30	1149.40							
1	P-28	20.1	20.0	1152.52	1152.05							
1	P-29	22.1	22.0	1150.37	1149.37							
1	P-31	23.0	23.1	1181.00	1178.82							
1	P-32	24.1	24.0	1158.25	1155.80							
2	P-32(2)	24.1	24.0	1158.54	1158.25							
1	P-34	26.1	26.0	1169.75	1165.00							
1	P-36	28.1	28.0	1187.60	1187.52							
1	P-11	7.1	7.0	1167.50	1162.00							
1	P-24	16.1	16.0	1119.03	1118.83							
1	P-26	18.1	18.0	1141.43	1141.36							
1	P-33	25.1	25.0	1153.90	1151.60							
1	P-37	29.1	29.0	1193.08	1192.97							
2	P-19	13.2	13.1	1192.42	1191.45							
1	P-25	17.1	17.0	1120.46	1120.10							
1	P-27	19.1	19.0	1139.66	1139.52							
1	P-35	27.1	27.0	1173.40	1172.57							
2	P-4	2.3	2.2	1171.49	1171.03							
1	P-6	4.1	4.0	1184.64	1184.00							
2	P-6	4.1	4.0	1185.20	1184.64							
2	P-7	4.2	4.1	1185.76	1185.30							
2	P-8	4.3	4.2	1188.58	1185.86							
1	P-9	5.1	5.0	1186.98	1186.00							
1	P-10	6.1	6.0	1187.02	1186.00							
2	P-12	8.1	8.0	1187.96	1187.50							
1	P-14	9.2	9.1	1187.96	1187.00							
2	P-16	11.1	11.0	1193.48	1193.00							
1	P-17	12.1	12.0	1193.48	1193.00							
2	P-20	13.3	13.2	1193.00	1192.77							
2	P-21	14.1	14.0	1192.98	1192.00							
2	P-23	15.2	15.1	1180.28	1180.08							
2	P-5	3.1	3.0	1160.00	1159.00							
1	P-29(2)	P-29	22.1	1150.50	1115.37							
1	P-30(2)	P-30	22.4	1150.74	1150.30							
1	P-28(2)	P-28	20.1	1153.50	1153.30							
3	P-38	30.0	30.1	1167.92	1164.66							
				TOTAL								
				46	540	97	841	319	841	381	131	164
												83
												152
												120



X:\323900-1\21822.01\TECH\Misc Quantities

STEEL THRIE BEAM BULLNOSE TERMINAL

614.0220		STEEL THRIE BEAM BULLNOSE TERMINAL (EACH)	
CATEGORY	STAGE	STATION	LOCATION
0010	4	820+39'EB' - 820+92'EB'	LT
	4	821+80'EB' - 822+33'EB'	LT
		TOTAL	2

SALVAGED RAIL

614.0920		SALVAGED RAIL (LF)	
CATEGORY	STAGE	STATION	LOCATION
0010	1	44+50'A' - 50+95'T	RT
	1	44+50'A' - 45+45'A'	RT
	1	50+95'T - 52+00'T	RT
	1	25+00'C' - 49+00'T	LT
	1	25+00'C' - 44+20'T	RT
	1	47+85'T - 44+15'T	RT
	1	48+10'T - 49+00'T	RT
	1	820+35'EB' - 822+35'EB'	LT
	3	819+50'EB' - 819+05'EB'	RT
	3	823+00'WB' - 823+55'WB	LT
		TOTAL	3,215

STEEL THRIE BEAM

614.0230		STEEL THRIE BEAM (LF)	
CATEGORY	STAGE	STATION	LOCATION
0010	4	820+92'EB' - 821+80'EB'	LT
	4	820+92'EB' - 821+80'EB'	LT
		TOTAL	175

MGS THRIE BEAM TRANSITION

614.2500		MGS THRIE BEAM TRANSITION (LF)	
CATEGORY	STAGE	STATION	LOCATION
0010	2	48+42'T - 32.74 RT	48+68'T
	2	51+43'T - 27.75 LT	51+81'T
		TOTAL	78.8

MGS GUARDRAIL TERMINAL EAT

614.2610		MGS GUARDRAIL TERMINAL EAT (EACH)	
CATEGORY	STAGE	STATION	LOCATION
0010	2	47+77'T - 65.04RT	38.74RT
	2	51+90.78T - 41.27LT	52+31T
		TOTAL	2

END OF ROADWAY SIGNING

634.0612		637.2220	
CATEGORY	STAGE	STATION	LOCATION
0010	3	9+78'PR	18X18
		TOTAL	3

*QUANTITIES LOCATED ELSEWHERE

BULLNOSE CRUSHED AGGREGATE

SPV. 0105.06		BULLNOSE CRUSHED AGGREGATE (LS)	
CATEGORY	STAGE	STATION	LOCATION
0010	4	820+39'EB' - 822+33'EB'	LT
		TOTAL	1

MGS GUARDRAIL 3

614.2300		MGS GUARDRAIL 3 (LF)	
CATEGORY	STAGE	STATION	LOCATION
0010	2	48+17'T - 38.74RT	48+42'T
	2	51+81'T - 37.62 LT	51+90.78T
		TOTAL	25.0

LANDMARK REFERENCE MONUMENTS AND CAST IRON COVERS

621.1100		621.0100	
CATEGORY	STAGE	STATION	LOCATION
0010	2	47+80'T - 23.88RT	594186.974
		TOTAL	4

HMA COLD WEATHER PAVING

460.4000		HMA COLD WEATHER PAVING (TON)	
CATEGORY	STAGE	STATION	LOCATION
0010	3 / 4	UNDISTRIBUTED	200
		TOTAL	200

Addendum No. 01
ID 1021-01-72
Revised Sheet 176
September 8, 2015

Addendum No. 01
 ID 1021-01-72
 Revised Sheet 426
 September 8, 2015

EARTHWORK TABULATION - RAMP A (NW QUAD) STAGE 1 (CONTINUED) EXPANSION FACTOR = 1.3

STATION	CUT (SF)	FILL (SF)	END AREA (SF)	INCREMENTAL VOLUME CUT (CY)	INCREMENTAL VOLUME FILL (CY)	CUMULATIVE VOLUME CUT (CY)	CUMULATIVE VOLUME FILL (CY)	EXP. FILL (CY)	MASS ORDINATE (CY)
40+00.00	0.00	1000.51	1000.51	11	2,246	4,532	20,453	-15,921	-15,921
40+50.00	0.00	1190.90	1190.90	0	2,638	4,532	23,091	-18,558	-18,558
41+00.00	0.00	1294.31	1294.31	0	2,991	4,532	26,082	-21,550	-21,550
41+50.00	0.00	1365.25	1365.25	0	3,201	4,532	29,284	-24,751	-24,751
42+00.00	0.00	1398.63	1398.63	0	3,327	4,532	32,611	-28,078	-28,078
42+50.00	0.00	1442.95	1442.95	0	3,421	4,532	36,031	-31,499	-31,499
43+00.00	0.00	1433.80	1433.80	0	3,463	4,532	39,494	-34,962	-34,962
43+50.00	0.00	1390.67	1390.67	0	3,428	4,532	42,922	-38,390	-38,390
44+00.00	0.00	1378.73	1378.73	0	3,376	4,532	46,298	-41,766	-41,766
44+50.00	0.00	835.48	835.48	0	3,334	4,532	49,632	-45,100	-45,100
45+00.00	0.00	TOTAL	TOTAL	4,532	52,297	4,532	52,297	-47,765	-47,765

EARTHWORK TABULATION - RAMP A (NW QUAD) STAGE 1 EXPANSION FACTOR = 1.3

STATION	CUT (SF)	FILL (SF)	END AREA (SF)	INCREMENTAL VOLUME CUT (CY)	INCREMENTAL VOLUME FILL (CY)	CUMULATIVE VOLUME CUT (CY)	CUMULATIVE VOLUME FILL (CY)	EXP. FILL (CY)	MASS ORDINATE (CY)
10+00.00	0.00	22.25	22.25	0	69	0	69	0	0
10+50.00	0.00	35.42	35.42	0	61	0	130	0	-69
11+00.00	0.00	40.25	40.25	0	260	0	390	0	-161
11+50.00	0.00	42.03	42.03	0	365	0	755	0	-260
12+00.00	0.00	45.34	45.34	0	489	0	1,244	0	-365
12+50.00	0.00	58.07	58.07	0	634	0	1,878	0	-489
13+00.00	0.00	62.39	62.39	0	794	0	2,672	0	-634
13+50.00	0.00	70.50	70.50	0	972	0	3,644	0	-794
14+00.00	0.00	77.44	77.44	0	1,177	0	4,821	0	-972
14+50.00	0.00	89.07	89.07	4	1,429	4	6,250	4	-1,177
15+00.00	4.61	116.04	116.04	16	2,023	21	8,273	17	-1,429
15+50.00	13.15	118.70	118.70	37	2,023	58	10,296	51	-1,691
16+00.00	35.73	142.49	142.49	35	2,291	94	12,587	86	-1,965
16+50.00	41.58	198.73	198.73	14	2,409	108	15,000	100	-2,198
17+00.00	14.72	183.45	183.45	14	2,807	122	17,807	114	-2,301
17+50.00	0.00	147.30	147.30	0	3,155	122	21,000	114	-2,686
18+00.00	0.00	141.49	141.49	0	3,490	121	24,490	113	-3,033
18+50.00	0.00	137.27	137.27	0	3,801	121	28,291	112	-3,369
19+00.00	0.00	121.14	121.14	0	4,079	121	32,370	111	-3,680
19+50.00	0.00	109.63	109.63	0	4,311	121	36,681	110	-3,958
20+00.00	0.00	82.64	82.64	0	4,482	121	41,163	110	-4,190
20+50.00	0.00	46.13	46.13	0	4,610	121	45,773	110	-4,488
21+00.00	0.00	35.12	35.12	0	4,707	121	50,480	110	-4,707
21+50.00	0.00	27.19	27.19	37	4,782	158	55,262	110	-4,986
22+00.00	88.75	20.89	20.89	119	4,840	277	60,102	110	-5,274
22+50.00	38.31	14.61	14.61	215	4,883	492	65,000	110	-5,562
23+00.00	143.85	10.85	10.85	291	4,914	782	70,000	110	-5,850
23+50.00	169.96	8.43	8.43	319	4,937	1,101	75,000	110	-6,138
24+00.00	174.66	11.08	11.08	295	4,960	1,396	80,000	110	-6,426
24+50.00	144.15	11.16	11.16	228	4,987	1,624	85,000	110	-6,714
25+00.00	101.68	11.65	11.65	146	5,015	1,770	90,000	110	-7,002
25+50.00	55.47	8.08	8.08	73	5,038	1,843	95,000	110	-7,290
26+00.00	23.28	11.03	11.03	62	5,061	1,905	100,000	110	-7,578
26+50.00	43.72	6.2	6.2	39	5,079	1,944	105,000	110	-7,866
27+00.00	66.02	43.92	43.92	102	5,096	2,046	110,000	110	-8,154
27+50.00	26.89	26.89	26.89	86	5,119	2,132	115,000	110	-8,442
28+00.00	39.69	30.13	30.13	25	5,137	2,157	120,000	110	-8,730
28+50.00	0.00	31.40	31.40	0	5,156	2,157	125,000	110	-9,018
29+00.00	0.00	27.49	27.49	0	5,176	2,157	130,000	110	-9,306
29+50.00	0.00	12.16	12.16	0	5,196	2,157	135,000	110	-9,594
30+00.00	0.00	12.16	12.16	0	5,216	2,157	140,000	110	-9,882
30+50.00	0.00	15.29	15.29	0	5,236	2,157	145,000	110	-10,170
31+00.00	0.00	26.42	26.42	0	5,256	2,157	150,000	110	-10,458
32+00.00	0.00	45.15	45.15	0	5,276	2,157	155,000	110	-10,746
32+50.00	97.92	51.69	51.69	91	5,296	2,248	160,000	110	-11,034
33+00.00	141.07	80.57	80.57	221	5,316	2,469	165,000	110	-11,322
33+50.00	163.90	116.32	116.32	282	5,336	2,751	170,000	110	-11,610
34+00.00	185.63	130.75	130.75	162	5,356	2,913	175,000	110	-11,898
34+50.00	163.35	146.74	146.74	162	5,376	3,075	180,000	110	-12,186
35+00.00	87.58	169.71	169.71	232	5,396	3,237	185,000	110	-12,474
35+50.00	92.85	203.87	203.87	167	5,416	3,400	190,000	110	-12,762
36+00.00	98.08	254.52	254.52	177	5,436	3,562	195,000	110	-13,050
36+50.00	102.62	325.31	325.31	186	5,456	3,724	200,000	110	-13,338
37+00.00	115.84	379.60	379.60	202	5,476	3,886	205,000	110	-13,626
37+50.00	88.02	419.79	419.79	189	5,496	4,048	210,000	110	-13,914
38+00.00	26.85	457.05	457.05	106	5,516	4,210	215,000	110	-14,202
38+50.00	4.43	572.01	572.01	29	5,536	4,372	220,000	110	-14,490
39+00.00	34.37	694.79	694.79	36	5,556	4,534	225,000	110	-14,778
39+50.00	30.74	794.10	794.10	60	5,576	4,696	230,000	110	-15,066
TOTAL	12.14	855.25	855.25	40	1,997	4,521	18,207	-13,686	-13,686

EARTHWORK TABULATION - RAMP A (NW QUAD) STAGE 3 EXPANSION FACTOR = 1.3

STATION	END AREA		INCREMENTAL VOLUME		CUMMULATIVE VOLUME		MASS ORDINATE	
	CUT (SF)	FILL (SF)	CUT (CY)	FILL (CY)	CUT (CY)	FILL (CY)	CUT (CY)	FILL (CY)
35+00.00	0.00	0.00	0	0	0	0	0	0
35+50.00	32.91	27.00	30	33	30	33	-2	-2
36+00.00	35.94	34.61	64	74	94	107	-12	-12
36+50.00	43.90	62.81	74	117	168	224	-56	-56
37+00.00	54.83	101.62	91	198	260	422	-162	-162
37+50.00	58.10	149.58	105	302	364	724	-360	-360
38+00.00	40.88	93.81	92	283	456	1,017	-561	-561
38+50.00	61.35	46.55	95	169	551	1,186	-636	-636
39+00.00	85.80	51.71	136	118	687	1,304	-618	-618
39+50.00	35.73	52.62	113	126	799	1,430	-631	-631
40+00.00	36.19	53.03	67	127	866	1,557	-691	-691
40+50.00	44.30	52.65	75	127	941	1,684	-744	-744
41+00.00	78.82	62.15	114	138	1,055	1,823	-766	-766
41+50.00	105.02	77.77	170	168	1,225	1,991	-774	-774
42+00.00	70.99	63.90	163	171	1,388	2,162	-774	-774
42+50.00	65.02	37.55	126	122	1,514	2,284	-770	-770
43+00.00	94.10	30.93	147	82	1,661	2,366	-705	-705
43+50.00	109.05	27.31	188	70	1,849	2,436	-587	-587
44+00.00	124.14	26.10	216	64	2,065	2,500	-435	-435
44+50.00	154.89	26.12	258	63	2,323	2,563	-240	-240
45+00.00	0.00	0.00	143	31	2,467	2,595	-128	-128
TOTAL			2,467	2,595				

EARTHWORK TABULATION - RAMP A (NW QUAD) STAGE 2 EXPANSION FACTOR = 1.3

STATION	END AREA		INCREMENTAL VOLUME		CUMMULATIVE VOLUME		MASS ORDINATE	
	CUT (SF)	FILL (SF)	CUT (CY)	FILL (CY)	CUT (CY)	FILL (CY)	CUT (CY)	FILL (CY)
10+00.00	15.17	0.00	0	0	0	0	0	0
10+50.00	14.51	0.00	0	27	27	0	27	0
11+00.00	14.24	0.00	0	54	54	0	54	0
11+50.00	14.46	0.00	0	81	81	0	81	0
12+00.00	14.89	0.00	0	108	108	0	108	0
12+50.00	14.97	0.00	0	136	136	0	136	0
13+00.00	15.36	0.00	0	164	164	0	164	0
13+50.00	15.68	0.00	0	192	192	0	192	0
14+00.00	15.65	0.00	0	221	221	0	221	0
14+50.00	15.78	0.00	0	250	250	0	250	0
15+00.00	16.16	0.00	0	280	280	0	280	0
15+50.00	16.14	0.00	0	310	310	0	310	0
16+00.00	15.78	0.00	0	339	339	0	339	0
16+50.00	14.91	0.00	0	359	359	0	359	0
17+00.00	15.06	0.00	9	368	368	0	368	0
17+50.00	15.20	0.00	28	396	396	0	396	0
18+00.00	14.35	0.00	27	424	424	0	424	0
18+50.00	14.97	0.00	27	451	451	0	451	0
19+00.00	15.02	0.00	27	478	478	0	478	0
19+50.00	15.26	0.00	28	506	506	0	506	0
20+00.00	15.50	0.00	28	534	534	0	534	0
20+50.00	15.59	0.00	28	562	562	0	562	0
21+00.00	15.24	0.00	29	591	591	0	591	0
21+50.00	15.24	0.00	29	620	620	0	620	0
22+00.00	14.91	0.00	28	647	647	0	647	0
22+50.00	15.06	0.00	27	675	675	0	675	0
23+00.00	14.36	0.00	27	702	702	0	702	0
23+50.00	14.36	0.00	27	729	729	0	729	0
24+00.00	15.65	0.00	28	757	757	0	757	0
24+50.00	15.18	0.00	29	786	786	0	786	0
25+00.00	15.93	0.00	29	814	814	0	814	0
25+50.00	17.62	0.00	31	843	843	0	843	0
26+00.00	19.90	0.00	35	875	875	0	875	0
26+50.00	20.98	0.00	38	909	909	0	909	0
27+00.00	21.91	0.00	40	947	947	0	947	0
27+50.00	22.71	0.00	41	987	987	0	987	0
28+00.00	23.81	0.00	43	1028	1028	0	1028	0
28+50.00	25.67	0.00	46	1071	1071	0	1071	0
29+00.00	27.22	0.00	49	1117	1117	0	1117	0
29+50.00	28.59	0.00	52	1166	1166	0	1166	0
30+00.00	35.96	0.00	60	1218	1218	0	1218	0
30+50.00	43.89	0.00	74	1277	1277	0	1277	0
31+00.00	48.89	0.00	86	1351	1351	0	1351	0
31+50.00	45.11	0.00	87	1437	1437	0	1437	0
32+00.00	37.97	0.00	77	1524	1524	0	1524	0
32+50.00	10.57	0.00	45	1601	1601	0	1601	0
33+00.00	2.39	0.00	12	1646	1646	0	1646	0
33+50.00	4.74	0.00	7	1658	1658	0	1658	0
34+00.00	6.05	0.00	5	1665	1665	0	1665	0
34+50.00	8.41	7.05	4	1670	1670	0	1670	0
35+00.00	19.75	8.55	26	1672	1672	4	1672	4
35+50.00	25.44	14.44	42	1703	1703	23	1680	8.55
TOTAL			1768	1768	1768	68	1744	1700

Addendum No. 01
ID 1021-01-72
Added Sheet 426A
September 8, 2015

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150915011PROJECT(S):
1021-01-72FEDERAL ID(S):
WISC 2015492

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	204.0195 Removing Concrete Bases	5.000 EACH	.		.	
0120	204.0220 Removing Inlets	4.000 EACH	.		.	
0130	204.0245 Removing Storm Sewer (size) 01. 18-Inch	384.000 LF	.		.	
0140	204.0245 Removing Storm Sewer (size) 02. 24-Inch	62.000 LF	.		.	
0150	204.0245 Removing Storm Sewer (size) 04. 43X27-inch	15.000 LF	.		.	
0160	204.9060.S Removing (item description) 01. Concrete Surface Drains	2.000 EACH	.		.	
0170	204.9060.S Removing (item description) 02. Concrete Apron Endwalls	15.000 EACH	.		.	
0180	204.9060.S Removing (item description) 03. Concrete End Treatments	10.000 EACH	.		.	
0190	205.0100 Excavation Common	60,512.000 CY	.		.	
0200	206.1000 Excavation for Structures Bridges (structure) 01. B-55-0260	LUMP	LUMP		.	
0210	208.0100 Borrow	328,204.000 CY	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150915011PROJECT(S):
1021-01-72FEDERAL ID(S):
WISC 2015492

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0750	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	381.000 LF	.		.	
0760	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	131.000 LF	.		.	
0770	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	83.000 LF	.		.	
0780	608.0348 Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	83.000 LF	.		.	
0790	611.0530 Manhole Covers Type J	1.000 EACH	.		.	
0800	611.0624 Inlet Covers Type H	11.000 EACH	.		.	
0810	611.0627 Inlet Covers Type HM	5.000 EACH	.		.	
0820	611.0642 Inlet Covers Type MS	15.000 EACH	.		.	
0830	611.0652 Inlet Covers Type T	2.000 EACH	.		.	
0840	611.2004 Manholes 4-FT Diameter	1.000 EACH	.		.	
0850	611.2006 Manholes 6-FT Diameter	1.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150915011

PROJECT(S):
1021-01-72

FEDERAL ID(S):
WISC 2015492

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2620	SPV.0195 Special 01. Asphaltic Surface Special	2,985.000 TON	.		.	
2630	460.4000 HMA Cold Weather Paving	200.000 TON	.		.	
2640	608.0530 Storm Sewer Pipe Reinforced Concrete Class V 30-Inch	164.000 LF	.		.	
2650	608.0548 Storm Sewer Pipe Reinforced Concrete Class V 48-Inch	83.000 LF	.		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	