



Wisconsin Department of Transportation

December 6, 2018

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

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NOTICE TO ALL CONTRACTORS:

Proposal #16: 1500-37-71, WISC 2018 470
Waldo Blvd, City of Manitowoc
Fleetwood Drive – 8th Street
USH 10
Manitowoc County

1500-37-72
Waldo Blvd, City of Manitowoc
Fleetwood Drive – 8th Street
USH 10
Manitowoc County

1500-47-71, WISC 2018 471
Waldo Blvd, City of Manitowoc
CTH R – Fleetwood Drive
USH 10
Manitowoc County

4570-12-71, WISC 2018 472
Waldo Blvd, City of Manitowoc
8th Street – Maritime Drive
STH 42
Manitowoc County

4570-12-72
Waldo Blvd, City of Manitowoc
8th Street – Maritime Drive
STH 42
Manitowoc County

Letting of December 11, 2018

This is Addendum No. 02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
109	Concrete Cap Over Sanitary Sewer, Item SPV.0060.11.
124	Water Service Corporation Stop & Curb Stop and Box 1-1/4-Inch, Item SPV.0060.107.
129	Water Service Corporation Stop & Curb Stop and Box 1-Inch, Item SPV.0060.112.
138	Storm Sewer Pipe PVC 6-Inch, Item SPV.0090.03; Storm Sewer Pipe PVC 12-Inch, Item SPV.0090.04.
139	Mini Storm Sewer 6-Inch, Item SPV.0090.05; Mini Storm Sewer 8-Inch, Item SPV.0090.06.
147	Water Service Pipe 1-1/4-Inch, Item SPV.0090.105.
148	Water Service Pipe 1-Inch, Item SPV.0090.106.
160	Rectangular Rapid Flashing Beacon (RRFB) System, SPV.0105.11
161	Salvage and Reinstall Rectangular Rapid Flashing Beacon (RRFB) System, SPV.0105.12

Added Special Provisions	
Article No.	Description
186	Removing or Abandoning Miscellaneous Structures
187	Imported Water Main Trench Backfill, Item SPV.0195.202.
188	Temporary Pedestrian Surface Asphalt, Item 644.1410.S. Temporary Pedestrian Surface Plywood, Item 644.1420.S; Temporary Pedestrian Surface Plate, Item 644.1430.S.

Deleted Special Provisions	
Article No.	Description
86	Temporary Pedestrian Surface Asphalt, Item 644.1410.S.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
305.0120	Base Aggregate Dense 1 ¼-Inch	TON	44,980	-1,835	43,145
455.0605	Tack Coat	Gal	1,210.3	0.1	1,210.4
465.0125	Asphaltic Surface Temporary	TON	1,930	-1,080	850
465.0310	Asphaltic Curb	LF	176	105	281
658.0500	Pedestrian Push Buttons	Each	27	-1	26
690.0150	Sawing Asphalt	LF	769	6	775
690.0250	Sawing Concrete	LF	8,990	30	9,020

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
644.1420.S	Temporary Pedestrian Surface Plywood	SF	0	3,000	3,000
644.1430.S	Temporary Pedestrian Surface Plate	SF	0	3,000	3,000
SPV.0195.202	Imported Water Main Trench Backfill	TON	0	7,000	7,000

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
228	Permanent Signing – Added Note
343	Miscellaneous Quantities – Revised Quantities
352	Miscellaneous Quantities – Deleted Quantity
353	Miscellaneous Quantities – Deleted Quantity
422	Miscellaneous Quantities – Revised Quantity
471	Miscellaneous Quantities – Revised Quantity
478	Miscellaneous Quantities – Added Quantity

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. 02

1500-37-71, 1500-37-72, 1500-47-71, 4570-12-71, 4570-12-72

December 6, 2018

Special Provisions

86. DELETED.

109. Concrete Cap Over Sanitary Sewer, Item SPV.0060.11.

Under section B Materials add the following:

Concrete testing to follow section 716 of standard specifications for Class II concrete

124. Water Service Corporation Stop & Curb Stop and Box 1-1/4-Inch, Item SPV.0060.107.

Under section B Materials replace the entire third paragraph with the following:

For curb stops serving as shutoff valves near property line on services, provide ball style curb stops conforming to AWWA C800 and having compressed type joints. AY McDonald 76100Q 1 1/4" X 1 1/4" CTS or approved equal.

129. Water Service Corporation Stop & Curb Stop and Box 1-Inch, Item SPV.0060.112.

Under section B Materials replace the entire fourth paragraph with the following:

For curb stops serving as shutoff valves near property line on services, provide ball style curb stops conforming to AWWA C800 and having compressed type joints. AY McDonald 76100Q 1" CTS or approved equal.

138. Storm Sewer Pipe PVC 6-Inch, Item SPV.0090.03; Storm Sewer Pipe PVC 12-Inch, Item SPV.0090.04.

Under section B Materials replace the entire sixth paragraph with the following:

Connect new pipe to existing pipe at locations shown in the plans with appropriate PVC coupling or a flexible coupling. If a flexible coupling is used, it shall comply with ASTM C1173 and use connectors that have a rubber or elastomeric sleeve and stainless steel band assembly complying with ASTM C923 and fabricated to mate with the outer diameter of pipes to be joined. When connecting to existing concrete or clay pipe that has been lined, use a flexible connector to mate with the liner and not the concrete or clay pipe.

138. Mini Storm Sewer 6-Inch, Item SPV.0090.05; Mini Storm Sewer 8-Inch, Item SPV.0090.06.

Under section B Materials replace the entire sixth paragraph with the following:

Connect new pipe to existing pipe at locations shown in the plans with appropriate PVC coupling or a flexible coupling. If a flexible coupling is used, it shall comply with ASTM C1173 and use connectors that have a rubber or elastomeric sleeve and stainless steel band assembly complying with ASTM C923 and fabricated to mate with the outer diameter of pipes to be joined. When connecting to existing concrete or clay pipe that has been lined, use a flexible connector to mate with the liner and not the concrete or clay pipe.

**146. Water Main Pipe 6-Inch, Item SPV.0090.100; Water Main Pipe 8-Inch, Item SPV.0090.101;
Water Main Pipe 10-Inch, Item SPV.0090.102; Water Main Pipe 12-Inch, Item SPV.0090.103;
Water Main Pipe 24-Inch, Item SPV.0090.104.**

Under section C Construction C.1 Trenching and Backfilling replace entire third paragraph with the following:

Backfill material for water main from one foot above the top of pipe to the surface shall be material from trench excavation that is free of organic material and meets the approval of the engineer. Any excavated material from sewer trenches that is considered unsuitable by the engineer, will be removed from the site by the contractor. Mechanically compact backfill material to a minimum of 95% of the maximum dry density as determined by the Standard Proctor Test (ASTM D698). Replace unsuitable material with a granular backfill material conforming to the gradation requirements found in section 209.2 of the standard specifications. Costs associated with the removal and disposal of existing material, furnishing, placing, and compaction of granular backfill material are included in the unit price bid per cubic yard of Imported Water Main Trench Backfill.

147. Water Service Pipe 1-1/4-Inch, Item SPV.0090.105.

Under section C Construction add the following:

Backfill material for water service from top of bedding to the surface shall be material from trench excavation that is free of organic material and meets the approval of the engineer. Any excavated material from sewer trenches that is considered unsuitable by the engineer, will be removed from the site by the contractor. Mechanically compact backfill material to a minimum of 95% of the maximum dry density as determined by the Standard Proctor Test (ASTM D698). Replace unsuitable material with a granular backfill material conforming to the gradation requirements found in section 209.2 of the standard specifications. Costs associated with the removal and disposal of existing material, furnishing, placing, and compaction of granular backfill material are included in the unit price bid per cubic yard of Imported Water Main Trench Backfill.

148. Water Service Pipe 1-Inch, Item SPV.0090.106.

Under section C Construction add the following:

Backfill material for water service from top of bedding to the surface shall be material from trench excavation that is free of organic material and meets the approval of the engineer. Any excavated material from sewer trenches that is considered unsuitable by the engineer, will be removed from the site by the contractor. Mechanically compact backfill material to a minimum of 95% of the maximum dry density as determined by the Standard Proctor Test (ASTM D698). Replace unsuitable material with a granular backfill material conforming to the gradation requirements found in section 209.2 of the standard specifications. Costs associated with the removal and disposal of existing material, furnishing, placing, and compaction of granular backfill material are included in the unit price bid per cubic yard of Imported Water Main Trench Backfill.

160. Rectangular Rapid Flashing Beacon (RRFB) System, SPV.0105.11

Under section B Materials B.1 Hardware replace the entire section with the following:

Furnish Carmanah model R920 Solar Rectangular Rapid Flashing Beacon. A complete system for an intersection will consist of one assembly for eastbound roadway, one assembly for westbound roadway, and one assembly in the median. Light bars and signing only on one side per assembly, facing oncoming traffic, except in the median where it will be two side for light bars and signing. One push button will be located on each side of the roadway. A push button will not be located in the median. Activation of one push button will activate the entire system at the intersection.

Delete entire section B Materials B.2 Signing.

Under section E Payment Replace the fourth paragraph with the following:

Payment for traffic signal standards, pedestal bases, concrete bases, signs, and pedestrian push buttons will be with separate bid items.

161. Salvage and Reinstall Rectangular Rapid Flashing Beacon (RRFB) System, SPV.0105.12

Under section B Materials B.1 Hardware replace the entire section with the following:

Furnish necessary additional parts compatible with Carmanah model R920 Solar Rectangular Rapid Flashing Beacon to furnish a complete assembly. A complete system for an intersection will consist of one assembly for eastbound roadway, one assembly for westbound roadway, and one assembly in the median. Light bars and signing only on one side per assembly, facing oncoming traffic, except in the median where it will be two side for light bars and signing. One push button will be located on each side of the roadway. A push button will not be located in the median. Activation of one push button will activate the entire system at the intersection. Return unused push button to City of Manitowoc.

Under section E Payment Replace the fourth paragraph with the following:

Payment for traffic signal standards, pedestal bases, concrete bases, and signs will be with separate bid items.

186. Removing or Abandoning Miscellaneous Structures.

Replace standard spec 204.3.2.2.1 (13) with the following:

Under the Removing Storm Sewer bid items, remove existing storm sewer. Backfill resulting trenches with material conforming to 608.2.2.3.

187. Imported Water Main Trench Backfill, Item SPV.0195.202.

A Description

This work will consist of furnishing and installing backfill for water main construction when native, excavated trench material is unsuitable for use as trench backfill as determined by Engineer.

B Materials

Any excavated material from the water main or water lateral trenches that is considered unsuitable by the Engineer, will be removed from the site. Replace unsuitable material with an imported granular backfill material conforming to 209.2 of the standard specifications.

C Construction

Conform to WisDOT Standard Spec 209.3 and as specified below. During excavation for water main, separate acceptable excavated material for use as backfill, as directed by the Engineer, incidental to the utility construction item. Excavate, load, and dispose of unacceptable trench excavation materials.

D Measurement

The department will measure Imported Water Main Trench Backfill, by the ton, acceptably completed. The Contractor will provide the Engineer with weight slips for all trench backfill placed onsite on a daily basis. There will be no payment for any missing or late weight slips.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.202	Imported Water Main Trench Backfill	TON

Payment is full compensation for excavating and disposing of unacceptable trench excavation material related to pipeline construction; for furnishing, placing, and compaction of granular backfill material; and for furnishing all labor, tools, equipment and incidentals required to complete the work.

**188. Temporary Pedestrian Surface Asphalt, Item 644.1410.S;
Temporary Pedestrian Surface Plywood, Item 644.1420.S;
Temporary Pedestrian Surface Plate, Item 644.1430.S.**

A Description

This special provision describes providing, maintaining, and removing temporary pedestrian surface.

B Materials

Furnish 1 1/4-inch dense graded aggregate conforming to standard spec 305.2. Furnish:

- Asphaltic surface conforming to standard spec 465.2.
- Pressure treated 2x4 framing lumber, pressure treated 3/4 inch plywood with skid resistant surface coating, and weather resistant deck screws 3 1/2 inch minimum for framing and 1 5/8 inch minimum for plywood.
- 1/4 inch minimum steel plate or commercially available prefabricated plates with skid resistant surface coating conforming to Americans with Disabilities Act Accessibility Guidelines. If placed in the roadway, must be able to handle a vehicle weight of 88,000 lbs.

C Construction

Place, compact, and level a dense graded aggregate foundation before placing the surface.

Provide a firm, stable, and slip-resistant surface layer with vertical joints no higher than 1/4 inch and horizontal joints no wider than 1/2 inch. Sheet materials up to 1 inch thick may be lapped if the edge is beveled at 45 degrees or flatter. Asphalt may also be used to ramp up to materials up to 1 inch thick. Construct conforming to the following:

- Asphalt surface a minimum of 2 inches thick compacted with compactors, tampers, or rollers.
- Framed plywood panels 4 feet wide with a skid resistant surface coating.
- Steel or prefabricated plate with a skid resistant surface coating.

Align parallel to the existing roadway grade or, if outside of a street or highway right-of-way, do not exceed 5 percent longitudinal slope. Provide cross slope of 1 to 2 percent unless the engineer approves a steeper cross slope in writing.

Maintain the surface with a 4 foot minimum clear width and the specified joint and slope requirements. Repair or reconstruct installations disturbed during construction operations. Remove and dispose of as specified in standard spec 203.3.4 when no longer required.

D Measurement

The department will measure temporary pedestrian surface by the square foot acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
644.1410.S	Temporary Pedestrian Surface Asphalt	SF
644.1420.S	Temporary Pedestrian Surface Plywood	SF
644.1430.S	Temporary Pedestrian Surface Plate	SF

Payment is full compensation for providing, maintaining, and removing temporary pedestrian surface.

Schedule of Items

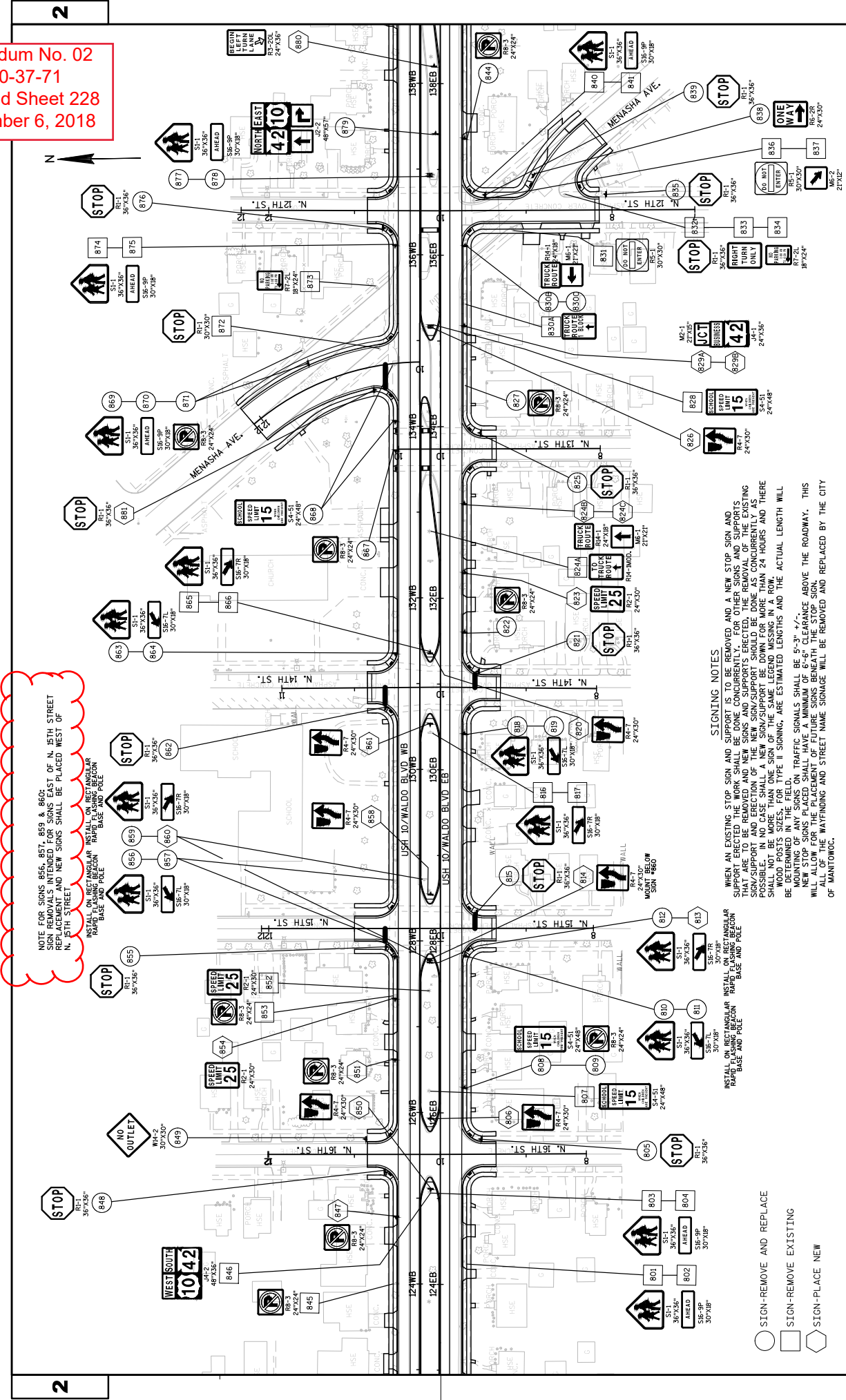
Attached, dated December 6, 2018, are the revised Schedule of Items Pages 4 – 6, 23, and 33.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 228, 343, 352, 353, 422, 471, and 478.

END OF ADDENDUM

Addendum No. 02
 ID 1500-37-71
 Revised Sheet 228
 December 6, 2018



NOTE FOR SIGNS 856, 857, 859, & 860:
 SIGN REMOVALS FOR SIGNS EAST OF N. 15TH STREET
 REPLACEMENT AND NEW SIGNS SHALL BE PLACED WEST OF
 N. 15TH STREET
 INSTALL ON RECTANGULAR RAPID FLASHING BEACON
 BASE AND POLE

SIGNING NOTES
 WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERRECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERRECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. THE SIGN/SUPPORT SHALL BE REMOVED FROM THE ROADWAY WITHIN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW. SIGN POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.
 MOUNTING OF ANY SIGNS ON TRAFFIC SIGNALS SHALL BE 8'-3" CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN. THE REMOVAL OF ANY SIGNS ON TRAFFIC SIGNALS SHALL BE 8'-3" CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE WAYFINDING AND STREET NAME SIGNAGE WILL BE REMOVED AND REPLACED BY THE CITY OF MANITOWOC.

- SIGN-REMOVE AND REPLACE
- SIGN-REMOVE EXISTING
- ◇ SIGN-PLACE NEW

Addendum No. 02
 ID 1500-37-71
 ID 1500-47-71
 ID 4570-12-71
 Revised Sheet 343
 December 6, 2018

BACKFILL CONTROLLED LOW STRENGTH

ID	STRUCTURE	TO	STRUCTURE	LOCATION	209.0200 S CY
PROJECT 1500-37-71					
MH-118.0	-	MH-120.0	USH 10	USH 10	150
MH-120.0	-	MH-122.0	USH 10 EB	USH 10 EB	210
MH-122.0	-	MH-126.0	USH 10 EB	USH 10 EB	250
MH-122.2	-	MH-122.1	9TH STREET	9TH STREET	96
MH-122.2	-	MH-122.0	9TH STREET	9TH STREET	45
PROJECT TOTAL					750

PROJECT 4570-12-71					
MH-126.0	-	MH-128.0	STH 42	STH 42	180
MH-128.0	-	MH-130.0	STH 42	STH 42	105
PROJECT TOTAL					285

TOTAL 1035

TEMPORARY PAVEMENT

ID	PROJECT STAGE	STA.	TO	STA.	OFFSET*	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	*455.0605 TACK COAT GAL	465.0125 ASPHALTIC SURFACE TEMPORARY TON	465.0310 ASPHALTIC CURB LF	*690.0150 SAWING ASPHALT LF	*690.0250 SAWING CONCRETE LF	REMARKS
1A	USH 10/8TH STREET INTERSECTION	190EB+33	-	190EB+44	RT	55	0.2	22	36	8	55	COVERING UNDERGROUND INSTALLATION; 5" ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
1C	USH 10/11TH STREET INTERSECTION	190EB+89	-	191EB+73	RT	60	---	25	---	---	---	COVERING UNDERGROUND INSTALLATION; 5" ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
2A	USH 10/18TH STREET INTERSECTION	192EB+25	-	192EB+40	LT & RT	360	0.1	13	10	6	80	COVERING UNDERGROUND INSTALLATION; 5" ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
	USH 10	189EB+08	-	190EB+10	RT	260	---	106	---	---	---	MAINLINE TRANSITION BETWEEN STAGES; 5" ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
	USH 10	190EB+54	-	192EB+74	LT	125	---	51	---	---	---	ROUNDABOUT STAGE 2; 5" ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
	USH 10	195EB+42	-	195EB+60	LT	10	---	3	---	---	---	ROUNDABOUT STAGE 2; 5" ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
	USH 10	195EB+60	-	STH 42	LT	55	0.1	25	10	6	30	UNDISTRIBUTED
PROJECT TOTALS						1,450	0	605	255	0	0	
PROJECT 4570-12-71												
1A	ROUNDABOUT STAGE 1; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH	190EB+33	-	190EB+44	RT	55	0.2	22	36	8	55	ROUNDABOUT STAGE 1; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
1A	ROUNDABOUT STAGE 1; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH	190EB+89	-	191EB+73	RT	60	---	25	---	---	145	ROUNDABOUT STAGE 1; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
1A	ROUNDABOUT STAGE 1; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH	192EB+25	-	192EB+40	LT & RT	360	0.1	13	10	6	80	ROUNDABOUT STAGE 1; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
1A	ROUNDABOUT STAGE 2; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH	189EB+08	-	190EB+10	RT	260	---	106	---	---	---	ROUNDABOUT STAGE 2; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
1A	ROUNDABOUT STAGE 2; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH	190EB+54	-	192EB+74	LT	125	---	51	---	---	---	ROUNDABOUT STAGE 2; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
1A	ROUNDABOUT STAGE 2; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH	195EB+42	-	195EB+60	LT	10	---	3	---	---	---	ROUNDABOUT STAGE 2; 5' ASPHALTIC SURFACE TEMPORARY & 12" BAD 1 1/4-INCH
1A	UNDISTRIBUTED	195EB+60	-	STH 42	LT	55	0.1	25	10	6	30	UNDISTRIBUTED
PROJECT TOTALS						595	0.4	245	56	20	310	
TOTALS						2,045	0.4	850	311	20	310	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

Addendum No. 02
 ID 1500-37-71
 ID 1500-47-71
 ID 4570-12-71
 Revised Sheet 352
 December 6, 2018

ASPHALTC PAVEMENT

ID	STATION	TO	STATION	LOCATION	455.0605 * TACK COAT		460.6223 HMA PAVEMENT		460.6224 HMA PAVEMENT		465.0105 ASPHALTC SURFACE		465.0120 ASPHALTC SURFACE		465.0305 ASPHALTC SURFACE		COMMENT	
					GALL	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON			
PROJECT 1500-47-71																		
	38+00	-	70+00	USH 10. EB	562	-	1,455	-	-	-	-	-	4	-	-	-	-	
	38+00	-	70+00	USH 10. WB	587	-	1,520	-	-	-	-	-	6	-	-	-	-	
	PROJECT TOTALS					1,149	0	2,975	0	0	0	0	10	-	-	-	-	
PROJECT 1500-37-71																		
	95+28	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	104+15	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	104+74	-		USH 10. EB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	104+76	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	105+50	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	110+81	-		USH 10. EB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	132+78	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	138+73	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	143+25	-		USH 10. EB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	149+83	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	9+30	-	9+40	21ST ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	10+60	-	10+65	ELM ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	9+25	-	9+35	17TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	9+35	-	9+40	15TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	9+30	-	9+35	14TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	10+80	-	10+85	14TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	9+35	-	9+40	13TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	8+15	-	8+20	12TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	10+80	-	10+85	12TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	8+85	-	8+90	MEVASHA AVE	1	-	2	-	-	-	-	-	-	-	-	-	-	
	12+65	-	12+70	9TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	9+00	-	9+05	9TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	
	8+50	-	8+55	8TH ST	1	-	2	-	-	-	-	-	-	-	-	-	-	PE
	8+66	-	8+70	8TH ST	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11+50	-	12+90	8TH ST	29	100	69	-	-	-	-	-	-	-	-	-	-	
	INTERSECTION				USH 10/23RD ST	-	-	-	-	-	-	-	-	-	-	-	-	UTILITY TRENCHES
	INTERSECTION				USH 10/18TH ST	-	-	-	-	-	-	-	-	-	-	-	-	UTILITY TRENCHES
	INTERSECTION				USH 10/11TH ST	-	-	-	-	-	-	-	-	-	-	-	-	UTILITY TRENCHES
	INTERSECTION				USH 10/8TH ST	-	-	-	-	-	-	-	-	-	-	-	-	UTILITY TRENCHES
	UNDISTRIBUTED				ENTIRE PROJECT	-	-	-	-	-	-	-	-	-	-	-	-	
	PROJECT TOTALS					42	100	95	0	0	0	0	0	16	-	-	-	
PROJECT 4570-12-71																		
	158+45	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	164+03	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	164+80	-		USH 10. EB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	165+70	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	165+70	-		USH 10. EB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	166+79	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	167+31	-		USH 10. EB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	168+83	-		USH 10. WB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	169+20	-		USH 10. EB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE
	169+56	-		USH 10. EB	-	-	-	-	-	-	-	-	-	-	-	-	-	PE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

MISCELLANEOUS QUANTITIES

COUNTY: MANITOWOC

HWY: USH 10 & STH 42

PROJECT NUMBER: 1500-47-37-71&4570-12-71

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Addendum No. 02
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ASPHALTIC PAVEMENT (CONTINUED)

D	STATION TO STATION	LOCATION	455.0605 * HMA PAVEMENT		460.6224 HMA PAVEMENT		465.0105 ASPHALTIC SURFACE		465.0120 ASPHALTIC SURFACE		COMMENT
			COAT	3 MT 58-28 S	4 MT 58-28 S	4 MT 58-28 S	DRIVEWAYS AND FIELD ENTRANCES	SAFETY ISLAND			
			GAL	TON	TON	TON	TON	TON	TON	TON	
PROJECT 4570-12-71											
168+79	167+31	USH 10, WB	-	-	-	-	1	-	-	-	PE
168+83	167+31	USH 10, EB	-	-	-	-	2	-	-	-	PE
169+20	168+83	USH 10, WB	-	-	-	-	2	-	-	-	PE
169+56	169+20	USH 10, EB	-	-	-	-	2	-	-	-	PE
PROJECT 4570-12-71											
184+31	184+31	USH 10, WB	-	-	-	-	9	-	-	-	PE
184+15	184+31	STH 42, EB	-	-	-	-	-	-	-	-	PARKING LOT
194+83	194+90	STH 42, EB	1	3	3	3	-	-	-	-	
194+38	194+45	STH 42, WB	1	3	3	3	-	-	-	-	
194+38	196+41	STH 42, WB	13	30	30	30	-	-	-	-	MEDIAN / LT TURN LANE
PROJECT 4570-12-71											
9+10	9+15	LINCOLNBLVD, SB	1	1	1	1	-	-	-	-	
10+80	10+85	LINCOLNBLVD, SB	1	1	1	1	-	-	-	-	
9+10	9+15	LINCOLNBLVD, NB	1	1	1	1	-	-	-	-	
10+80	10+85	LINCOLNBLVD, NB	1	1	1	1	-	-	-	-	
13+15	16+30	NB MARITIME DRIVE	-	-	-	25	-	-	-	-	TRAIL
UNDISTRIBUTED			-	-	-	-	-	-	-	-	
PROJECT TOTALS			19	0	40	45	32	0	0	0	
TOTALS			12/10	100	3,110	45	60	10	10	460	

CONCRETE CURB PEBDESTRIAN

D	STATION	LOCATION	TYPE A	LF	REMARKS
PROJECT 1500-37-71					
145+52	145+52	USH 10, EB	601.0105	23	
151+15	151+15	USH 10, EB	601.0105	30	
151+65	151+65	USH 10, EB	601.0105	28	
PROJECT TOTAL				81	
PROJECT 4570-12-71					
159+50	159+50	STH 42, WB	601.0105	19	
160+25	160+25	STH 42, WB	601.0105	23	
163+65	163+65	STH 42, WB	601.0105	19	
188+67	188+67	STH 42, EB	601.0105	21	
188+77	188+77	STH 42, EB	601.0105	27	
PROJECT 4570-12-71					
190+65	190+65	STH 42, EB	601.0105	59	
191+05	191+05	STH 42, EB	601.0105	55	
13+28	13+28	MARITIME DR, NB (NME), LT	601.0105	43	
13+38	13+38	MARITIME DR, NB (NME), LT	601.0105	45	
13+60	13+60	MARITIME DR, NB (NME), LT	601.0105	34	
PROJECT 4570-12-71					
13+60	13+60	MARITIME DR, NB (NME), LT	601.0105	34	
PROJECT TOTAL				379	
TOTAL				460	

CONCRETE CURB

ID	STATION	LOCATION	TYPE A	LF	REMARKS
PROJECT 1500-37-71					
119+11	119+11	USH 10, WB	601.0105	10	FE
PROJECT TOTAL				10	
PROJECT 4570-12-71					
153+80	153+80	STH 42, EB	601.0105	8	FE
165+63	165+63	STH 42, EB	601.0105	12	FE
PROJECT TOTAL				20	
TOTAL				30	

CONCRETE APPROACH SLAB

ID	STATION TO STATION	LOCATION	415.0410	REMARKS
			SY	
PROJECT 1500-37-71				
81+88	82+03	USH 10 / STH 42, EB	42	
81+88	82+03	USH 10 / STH 42, WB	42	
84+62	84+77	USH 10 / STH 42, EB	42	
84+62	84+77	USH 10 / STH 42, WB	42	
PROJECT TOTAL			168	

CONCRETE MASONRY ENDWALLS

ID	STATION	LOCATION	504.0900	REMARKS
			CY	
PROJECT 4570-12-71				
174+80	174+80	STH 42, RT	3	FOR CUT OFF WALL
TOTAL			3	

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

PROJECT NUMBER: 1500-47, 37-71 & 4570-12-71

HWY: USH 10 & STH 42

COUNTY: MANITOWOC

MISCELLANEOUS QUANTITIES

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TRAFFIC CONTROL SIGNS FIXED MESSAGE

ID	STAGE	LOCATION	SF	REMARKS
PROJECT 1500-37-71				
1		USH 10/CTH R	16.5	"WALDO BLVD OPEN TO 18TH ST" - SEE SIGN DETAIL
2 & 3		STH 42/MARITIME DR	18	"WALDO BLVD OPEN TO MENASHA AVE" - SEE SIGN DETAIL
TOTAL			34.5	

*.ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TEMPORARY PEDESTRIAN ACCOMMODATIONS

ID	PROJECT STAGE	LOCATION	TEMPORARY PEDSTRIAN SURFACE ASPHALT SF	TEMPORARY PEDSTRIAN SURFACE PLYWOOD SF	TEMPORARY CURB RAMPES EA	TEMPORARY SAFETY FENCE LF	REMARKS
3		USH 10	40	-	-	-	UNDERGROUND INSTALLATIONS BELOW EXISTING SIDEWALK
PROJECT TOTALS			40	0	0	0	0

PROJECT 1500-37-71

1B	USH10	450	-	-	3	1200	
1B	SIDEROADS	200	-	-	8	-	
1C	USH10	900	-	-	5	1400	
1C	SIDEROADS	330	-	-	12	-	

2A	USH10	475	-	-	1	1200	
2A	SIDEROADS	225	-	-	10	-	
2B	USH10	2625	-	-	9	44	
2B	SIDEROADS	340	-	-	12	-	
UNDISTRIBUTED			3600	2000	-	-	UNDERGROUND INSTALLATIONS BELOW EXISTING SIDEWALK
PROJECT TOTALS			9145	2000	60	3844	

PROJECT 4570-12-71

1A	STH 42	815	-	-	4	3,820	
1A	SIDEROADS	315	-	-	9	-	
UNDISTRIBUTED			1340	1000	-	-	UNDERGROUND INSTALLATIONS BELOW EXISTING SIDEWALK
PROJECT TOTALS			2470	1,000	13	3,820	

TOTALS			11,655	3,000	73	7,664	
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ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

MISCELLANEOUS QUANTITIES

COUNTY: MANITOWOC

HWY: USH 10 & STH 42

PROJECT NUMBER: 1500-47,37-71&4570-12-71

SHEET NO: 422

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MONUMENTS

ID	STATION	LOCATION	SPV.0105.05 PRESERVATION OF EXISTING MONUMENTS PROJECT 1500-37-71 LS	SPV.0105.06 PRESERVATION OF EXISTING MONUMENTS PROJECT 1500-47-71 LS	SPV.0105.07 PRESERVATION OF EXISTING MONUMENTS PROJECT 4570-12-71 LS	SPV.0105.08 VERIFY AND RESTORING OF EXISTING MONUMENTS PROJECT 1500-37-71 LS	SPV.0105.09 VERIFY AND RESTORING OF EXISTING MONUMENTS PROJECT 1500-37-72 LS	SPV.0105.10 VERIFY AND RESTORING OF EXISTING MONUMENTS PROJECT 4570-12-71 LS
PROJECT 1500-37-71								
ENTIRE PROJECT			1	-	-	1	-	-
PROJECT TOTALS			1	0	0	1	0	0
PROJECT 1500-47-71								
ENTIRE PROJECT			-	1	-	-	1	-
PROJECT TOTALS			0	1	0	0	1	0
PROJECT 4570-12-71								
ENTIRE PROJECT			-	-	1	-	-	1
PROJECT TOTALS			0	0	1	0	0	1
TOTALS			1	1	1	1	1	1

RECTANGULAR RAPID FLASHING BEACON

ID	STATION	LOCATION	654.0101 * CONCRETE BASES TYPE 1 EACH	657.0100 * PEDESTAL BASES EACH	657.0425 * TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	658.0500 * PEDESTRIAN PUSH BUTTONS EACH	SPV.0105.11 RECTANGULAR RAPID FLASHING BEACON (RRFB) SYSTEM WITH PEDESTRIAN ACTIVATION LS	SPV.0105.12 SALVAGE AND REINSTALL RECTANGULAR RAPID FLASHING BEACON (RRFB) SYSTEM WITH PEDESTRIAN ACTIVATION LS
PROJECT 1500-37-71								
127+80	USH 10, EB		3	3	3	2	1	-
148+00	USH 10, EB		3	3	3	-	-	1
TOTALS			6	6	6	2	1	1

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

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 ID 1500-37-71
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GRADING AND SHAPING OUTFALL DISSIPATOR

ID	STATION	LOCATION	SPV.0105.14 CUT CY	FOR INFORMATION PURPOSES ONLY FILL CY
PROJECT 4570-12-71				
174+70	STH42		600	-
TOTALS			600	0

BRICK PAVERS

D	STATION	LOCATION	REMOVE AND SALVAGE SPV.0165.01 SF	INSTALL SALVAGED SPV.0165.02 SF
PROJECT 1500-37-71				
71+61	-	71+81	165	165
TOTALS			165	165

SALVAGING AND REPLACING CONCRETE RIPRAP

D	STATION	LOCATION	SPV.0180.01 SY
PROJECT 4570-12-71			
13+20	MARITIME DR. NB (NME)		60
TOTAL			60

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

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 ID 1500-37-72
 ID 4570-12-72
 Revised Sheet 478
 December 6, 2018

WATER MAIN AND CONNECTIONS

STATION TO STATION	LOCATION	6-INCH * LF	8-INCH LF	10-INCH LF	12-INCH LF	24-INCH LF	SPV.0090.104 CONNECT TO EXISTING EA
PROJECT 1500-37-72							
70+00 - 72+04	USH 10	-	-	-	209	-	1
72+04 - 93+61	USH 10	-	-	-	592	-	2
93+61 - 99+35	USH 10	-	-	-	575	-	74
99+35 - 103+21	USH 10	-	-	-	375	-	292
103+21 - 106+62	USH 10	-	-	-	351	-	2
PROJECT 4570-12-72							
106+62 - 107+47	USH 10	-	-	-	86	-	-
107+47 - 109+90	USH 10	-	-	-	243	-	-
109+90 - 118+37	USH 10	-	-	-	848	-	-
118+37 - 122+25	USH 10	-	-	-	390	-	-
122+25 - 125+73	USH 10	-	-	-	335	-	-
125+73 - 128+35	USH 10	-	-	-	264	-	-
128+35 - 131+16	USH 10	-	-	-	282	-	-
131+16 - 133+85	USH 10	-	-	-	277	-	-
133+85 - 135+71	USH 10	-	-	-	166	-	-
135+71 - 135+68	N MENASHA AVE	-	18	-	-	-	1
135+68 - 136+33	USH 10	-	-	-	62	-	-
136+33 - 136+62	USH 10	-	-	-	29	-	-
136+62 - 141+69	USH 10	-	-	-	507	-	-
141+69 - 145+32	USH 10	-	-	-	363	-	-
145+32 - 148+45	USH 10	-	-	-	314	-	-
PROJECT 1500-37-72							
148+45 - 151+56	USH 10	-	-	-	320	-	-
151+56 - 152+25	USH 10	-	-	-	69	-	-
152+25 - 10+64	N 23RD ST	114	121	-	-	-	2
10+64 - 10+43	MENCHL DR	-	-	-	-	-	1
10+43 - 10+94	N 21ST ST	-	160	-	-	-	2
PROJECT 4570-12-72							
9+45 - 10+80	N 20TH ST	-	-	-	137	-	2
10+80 - 10+55	NB PARK ROW BLVD	-	36	-	-	-	1
10+55 - 10+59	ELM ST	73	43	-	-	-	2
10+59 - 10+49	N 18TH ST	-	85	-	-	-	2
10+49 - 10+97	N 17TH ST	-	178	-	-	-	2
PROJECT 1500-37-72							
9+27 - 10+80	N 16TH ST	-	155	-	-	-	2
10+80 - 10+95	N 15TH ST	-	160	-	-	-	2
10+95 - 10+80	N 14TH ST	-	146	-	-	-	2
10+80 - 10+49	N 13TH ST	-	122	-	-	-	1
10+49 - 10+45	N 12TH ST	-	84	-	-	-	1

WATER MAIN AND CONNECTIONS (CONTINUED)

STATION TO STATION	LOCATION	6-INCH * LF	8-INCH LF	10-INCH LF	12-INCH LF	24-INCH LF	SPV.0090.104 CONNECT TO EXISTING EA
PROJECT 1500-37-72							
8+93 - 10+66	S MENASHA AVE	-	199	-	-	-	2
10+66 - 11+25	N 11TH ST	-	81	-	87	-	2
11+25 - 10+45	N 10TH ST	-	74	-	-	-	1
10+45 - 10+46	N 9TH ST	-	292	-	78	-	2
10+46 - 11+45	N 8TH ST	-	-	-	294	-	2
PROJECT 4570-12-72							
152+25 - 155+89	STH 42	-	-	-	363	-	-
155+89 - 159+95	STH 42	-	-	-	406	-	-
159+95 - 163+63	STH 42	-	-	-	369	-	-
163+63 - 164+15	STH 42	-	-	-	63	-	1
164+15 - 192+25	STH 42	-	-	-	154	-	-
PROJECT 1500-37-72							
9+43 - 10+99	LINCOLN BLVD	-	128	-	-	-	2
10+99 - 10+95	N 6TH ST	-	120	-	-	-	2
PROJECT 4570-12-72							
9+30 - 10+95	N 6TH ST	-	248	-	1,355	-	5
PROJECT 1500-37-72							
TOTALS		187	2,161	121	8,550	33	40

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

IMPORTED WATER MAIN TRENCH BACKFILL	
STATION TO STATION	LOCATION
PROJECT 1500-37-72	
UNDISTRIBUTED	USH 10
PROJECT TOTALS	6000
PROJECT 4570-12-72	
UNDISTRIBUTED	STH 42
PROJECT TOTALS	1,000
TOTALS	
UNDISTRIBUTED	7,000

STEEL CASING PREP	
STATION TO STATION	LOCATION
PROJECT 1500-37-72	
100+16 - 100+96	USH 10
TOTAL	80
PROJECT 4570-12-72	
SPV.0090.14	20-INCH LF
UNDISTRIBUTED	80
PROJECT TOTALS	1,000
TOTALS	
UNDISTRIBUTED	7,000

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED



Proposal Schedule of Items

Proposal ID: 20181211016 Project(s): 1500-37-71, 1500-37-72, 1500-47-71, 4570-12-71, 4570-12-72

Federal ID(s): WISC 2018470, N/A, WISC 2018471, WISC 2018472, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0088	210.2500 Backfill Structure Type B	4,590.000 TON	_____.	_____.
0090	213.0100 Finishing Roadway (project) 01. 1500-37-71	1.000 EACH	_____.	_____.
0092	213.0100 Finishing Roadway (project) 02. 1500-47-71	1.000 EACH	_____.	_____.
0094	213.0100 Finishing Roadway (project) 03. 4570-12-71	1.000 EACH	_____.	_____.
0096	305.0110 Base Aggregate Dense 3/4-Inch	10.000 TON	_____.	_____.
0098	305.0120 Base Aggregate Dense 1 1/4-Inch	43,145.000 TON	_____.	_____.
0100	310.0115 Base Aggregate Open-Graded	110.000 CY	_____.	_____.
0102	311.0110 Breaker Run	75,000.000 TON	_____.	_____.
0104	311.0115 Breaker Run	530.000 CY	_____.	_____.
0106	320.0155 Concrete Base 9-Inch	300.000 SY	_____.	_____.
0108	390.0303 Base Patching Concrete	1,250.000 SY	_____.	_____.
0110	405.0100 Coloring Concrete WisDOT Red	425.000 CY	_____.	_____.
0112	415.0080 Concrete Pavement 8-Inch	10,410.000 SY	_____.	_____.
0114	415.0085 Concrete Pavement 8 1/2-Inch	77,155.000 SY	_____.	_____.
0116	415.0095 Concrete Pavement 9 1/2-Inch	1,430.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20181211016 Project(s): 1500-37-71, 1500-37-72, 1500-47-71, 4570-12-71, 4570-12-72

Federal ID(s): WISC 2018470, N/A, WISC 2018471, WISC 2018472, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0118	415.0210 Concrete Pavement Gaps	5.000 EACH	_____.	_____.
0120	415.0410 Concrete Pavement Approach Slab	168.000 SY	_____.	_____.
0122	415.1080 Concrete Pavement HES 8-Inch	615.000 SY	_____.	_____.
0124	415.1085 Concrete Pavement HES 8 1/2-Inch	860.000 SY	_____.	_____.
0126	415.4100 Concrete Pavement Joint Filling	93,960.000 SY	_____.	_____.
0128	415.5110.S Concrete Pavement Joint Layout 01. 1500-37-71	1.000 LS	_____.	_____.
0130	415.5110.S Concrete Pavement Joint Layout 02. 1500-47-71	1.000 LS	_____.	_____.
0132	415.5110.S Concrete Pavement Joint Layout 03. 4570-12-71	1.000 LS	_____.	_____.
0134	416.0160 Concrete Driveway 6-Inch	3,530.000 SY	_____.	_____.
0136	416.0512 Concrete Truck Apron 12-Inch	410.000 SY	_____.	_____.
0138	416.0610 Drilled Tie Bars	734.000 EACH	_____.	_____.
0140	416.0620 Drilled Dowel Bars	2,194.000 EACH	_____.	_____.
0142	455.0605 Tack Coat	1,210.400 GAL	_____.	_____.
0144	460.2000 Incentive Density HMA Pavement	2,070.000 DOL	1.00000	2,070.00
0146	460.6223 HMA Pavement 3 MT 58-28 S	100.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20181211016 Project(s): 1500-37-71, 1500-37-72, 1500-47-71, 4570-12-71, 4570-12-72

Federal ID(s): WISC 2018470, N/A, WISC 2018471, WISC 2018472, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0148	460.6224 HMA Pavement 4 MT 58-28 S	3,110.000 TON	_____.	_____.
0150	465.0105 Asphaltic Surface	45.000 TON	_____.	_____.
0152	465.0120 Asphaltic Surface Driveways and Field Entrances	60.000 TON	_____.	_____.
0154	465.0125 Asphaltic Surface Temporary	850.000 TON	_____.	_____.
0156	465.0305 Asphaltic Surface Safety Islands	10.000 TON	_____.	_____.
0158	465.0310 Asphaltic Curb	281.000 LF	_____.	_____.
0160	502.0100 Concrete Masonry Bridges	780.000 CY	_____.	_____.
0162	502.3200 Protective Surface Treatment	2,195.000 SY	_____.	_____.
0164	502.3210 Pigmented Surface Sealer	274.000 SY	_____.	_____.
0166	502.4204 Adhesive Anchors No. 4 Bar	1,402.000 EACH	_____.	_____.
0168	504.0100 Concrete Masonry Culverts	613.000 CY	_____.	_____.
0170	504.0900 Concrete Masonry Endwalls	3.000 CY	_____.	_____.
0172	505.0400 Bar Steel Reinforcement HS Structures	75,760.000 LB	_____.	_____.
0174	505.0600 Bar Steel Reinforcement HS Coated Structures	173,090.000 LB	_____.	_____.
0176	506.2605 Bearing Pads Elastomeric Non-Laminated	16.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20181211016 Project(s): 1500-37-71, 1500-37-72, 1500-47-71, 4570-12-71, 4570-12-72

Federal ID(s): WISC 2018470, N/A, WISC 2018471, WISC 2018472, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0656	657.0815 Luminaire Arms Steel 15-FT	10.000 EACH	_____.	_____.
0658	658.0173 Traffic Signal Face 3S 12-Inch	47.000 EACH	_____.	_____.
0660	658.0174 Traffic Signal Face 4S 12-Inch	22.000 EACH	_____.	_____.
0662	658.0416 Pedestrian Signal Face 16-Inch	24.000 EACH	_____.	_____.
0664	658.0500 Pedestrian Push Buttons	26.000 EACH	_____.	_____.
0666	658.5069 Signal Mounting Hardware (location) 01. USH 10 & CTH R	LS	LUMP SUM	_____.
0668	658.5069 Signal Mounting Hardware (location) 02. USH 10 & 18th Street	LS	LUMP SUM	_____.
0670	658.5069 Signal Mounting Hardware (location) 03. USH 10 & 11th Street	LS	LUMP SUM	_____.
0672	658.5069 Signal Mounting Hardware (location) 04. USH 10 & 8th Avenue	LS	LUMP SUM	_____.
0674	690.0150 Sawing Asphalt	775.000 LF	_____.	_____.
0676	690.0250 Sawing Concrete	9,020.000 LF	_____.	_____.
0678	715.0415 Incentive Strength Concrete Pavement	26,431.000 DOL	1.00000	26,431.00
0680	715.0502 Incentive Strength Concrete Structures	8,358.000 DOL	1.00000	8,358.00
0682	715.0710 Optimized Aggregate Gradation Incentive	69,223.000 DOL	1.00000	69,223.00
0684	801.0117 Railroad Flagging Reimbursement	16,250.000 DOL	1.00000	16,250.00



Proposal Schedule of Items

Proposal ID: 20181211016 Project(s): 1500-37-71, 1500-37-72, 1500-47-71, 4570-12-71, 4570-12-72

Federal ID(s): WISC 2018470, N/A, WISC 2018471, WISC 2018472, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0934	509.0310.S Sawing Pavement Deck Preparation Areas	60.000 LF	_____.	_____.
0936	509.2100.S Concrete Masonry Deck Repair	5.000 CY	_____.	_____.
0938	SPV.0090 Special 14. Steel Casing Pipe 20-Inch	80.000 LF	_____.	_____.
0940	SPV.0105 Special 73. Storm Sewer Pipe PVC 12-Inch Affixed to Existing Sewer	LS	LUMP SUM	_____.
0942	SPV.0105 Special 104. Water Main Trench Backfill Testing Project 1500-37-72	LS	LUMP SUM	_____.
0944	SPV.0105 Special 105. Water Main Trench Backfill Testing Project 4570-12-72	LS	LUMP SUM	_____.
0946	SPV.0105 Special 106. Sanitary Sewer Trench Backfill Testing Project 1500-37-72	LS	LUMP SUM	_____.
0948	SPV.0105 Special 107. Sanitary Sewer Trench Backfill Testing Project 4570-12-72	LS	LUMP SUM	_____.
0950	SPV.0165 Special 101. Trench Insulation 4-Inch	1,344.000 SF	_____.	_____.
0952	644.1420.S Temporary Pedestrian Surface Plywood	3,000.000 SF	_____.	_____.
0954	644.1430.S Temporary Pedestrian Surface Plate	3,000.000 SF	_____.	_____.
0956	SPV.0195 Special 202. Imported Water Main Trench Backfill	7,000.000 TON	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.