



# Wisconsin Department of Transportation

February 6, 2018

**Division of Transportation Systems Development**

Bureau of Project Development  
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**NOTICE TO ALL CONTRACTORS:**

**Proposal #20: 1170-19-70, WISC 2018 095**  
**Minocqua - Manitowish**  
**3<sup>rd</sup> Ave – N Jct STH 70**  
**USH 51**  
**Vilas County**

**1170-19-71**  
**Minocqua - Manitowish**  
**3<sup>rd</sup> Ave – N Jct STH 70**  
**USH 51**  
**Vilas County**

**Letting of February 13, 2018**

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

**Special Provisions:**

Added Special Provisions	
Article No.	Description
83	Removing Sign (Krist), Item 204.9105.S.01, Removing Sign (Walgreens), Item 204.9105.S.02, Removing Sign (Debbie's Market), Item 204.9105.S.03, Removing Sign (Outback 51), Item 204.9105.S.04, Removing Sign (Culver's), Item 204.9105.S.05, Removing Sign (Henry's), Item 204.9105.S.06, Removing Sign (Schuff Veterinary), Item 204.9105.S.07, Removing Sign (Perkins), Item 204.9105.S.08, Removing Sign (Meyers Coldwell Bank), Item 204.9105.S.09, Removing Sign (Gowey Title), Item 204.9105.S.10, Removing Sign (Key Consulting), Item 204.9105.S.11, Removing Sign (Swift), Item 204.9105.S.12, Removing Sign (Monical's), Item 204.9105.S.13, Removing Sign (Plowman's), Item 204.9105.S.14
84	Crack and Damage Survey, Item 999.1500.S
85	Plug Watermain Abandoned in Place, Item SPV.0060.522, Plug Sanitary Sewer Abandoned in Place, Item SPV.0060.523, Plug Force Main Abandoned in Place, Item SPV.0060.524
86	Construction Staking Sanitary Sewer, SPV.0060.525
87	Construction Staking Water Main, SPV.0060.526
88	Construction Staking Force Main, SPV.0060.527

Deleted Special Provisions	
Article No.	Description
23	QMP, Base Aggregate Lab Location
24	QMP, Base Aggregate Dense 1 ¼-Inch Compaction, Item 371.1000.S
73	Plug Watermain Abandoned in Place, Item SPV.0105.501, Plug Sanitary Sewer Abandoned in Place, Item SPV.0105.502, Plug Force Main Abandoned in Place, Item SPV.0105.503
75	Construction Staking Sanitary Sewer, SPV.0105.505
76	Construction Staking Water Main, SPV.0105.506
77	Construction Staking Force Main, SPV.0105.507

**Schedule of Items:**

<b>Revised Bid Item Quantities</b>					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EA	2	1	3
522.2624	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EA	2	3	3
611.9800.S	Pipe Grates	EA	4	2	6

<b>Added Bid Item Quantities</b>					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.9105.S.01	Removing Sign (Krist)	LS	0	1	1
204.9105.S.02	Removing Sign (Walgreens)	LS	0	1	1
204.9105.S.03	Removing Sign (Debbie's Market)	LS	0	1	1
204.9105.S.04	Removing Sign (Outback 51)	LS	0	1	1
204.9105.S.05	Removing Sign (Culver's)	LS	0	1	1
204.9105.S.06	Removing Sign (Henry's)	LS	0	1	1
204.9105.S.07	Removing Sign (Schuff Veterinary)	LS	0	1	1
204.9105.S.08	Removing Sign (Perkins)	LS	0	1	1
204.9105.S.09	Removing Sign (Meyers Coldwell Banker)	LS	0	1	1
204.9105.S.10	Removing Sign (Gowey Title)	LS	0	1	1
204.9105.S.11	Removing Sign (Key Consulting)	LS	0	1	1
204.9105.S.12	Removing Sign (Swift)	LS	0	1	1
204.9105.S.13	Removing Sign (Monical's)	LS	0	1	1
204.9105.S.14	Removing Sign (Plowman's)	LS	0	1	1
999.1500.S	Crack and Damage Survey	LS	0	1	1
SPV.0060.522	Plug Watermain Abandoned in Place	EA	0	1	1
SPV.0060.523	Plug Sanitary Sewer Abandoned in Place	EA	0	1	1
SPV.0060.524	Plug Force Main Abandoned in Place	EA	0	1	1
SPV.0060.525	Construction Staking Sanitary Sewer	EA	0	1	1
SPV.0060.526	Construction Staking Water Main	EA	0	1	1
SPV.0060.527	Construction Staking Force Main	EA	0	1	1

<b>Deleted Bid Item Quantities</b>					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
371.1000.S	QMP, Base Aggregate Dense 1 ¼-Inch Compaction, Item 371.1000.S	TON	57,273	-57,273	0
SPV.0105.501	Plug Watermain Abandoned in Place	LS	1	-1	0
SPV.0105.502	Plug Sanitary Sewer Abandoned in Place	LS	1	-1	0
SPV.0105.503	Plug Force Main Abandoned in Place	LS	1	-1	0
SPV.0105.505	Construction Staking Sanitary Sewer	LS	1	-1	0
SPV.0105.506	Construction Staking Water Main	LS	1	-1	0
SPV.0105.507	Construction Staking Force Main	LS	1	-1	0

**Plan Sheets:**

<b>Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
416	Miscellaneous Quantities (deleted QMP, Base Aggregate Dense 1 ¼-Inch Compaction, Item 371.1000.S)
424-427	Miscellaneous Quantities (Storm Sewer Pipes correction for joint ties)
432	Miscellaneous Quantities (Storm Sewer Endwalls added horizontal elliptical endwalls)
458-464	Miscellaneous Quantities (revised quantities sheets for Project 1170-19-71 to include group code 0010 and 0020)

<b>Added Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
414A	Miscellaneous Quantities (added items for Removing Sign)
464A	Miscellaneous Quantities (revised quantities sheets for Project 1170-19-71 to include group code 0010 and 0020)

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**

**1170-19-70/71**

**February 6, 2018**

**Special Provisions**

**23. DELETED**

**24. DELETED**

**73. DELETED**

**75. DELETED**

**76. DELETED**

**77. DELETED**

**83. Removing Sign (Krist), Item 204.9105.S.01, Removing Sign (Walgreens), Item 204.9105.S.02, Removing Sign (Debbie's Market), Item 204.9105.S.03, Removing Sign (Outback 51), Item 204.9105.S.04, Removing Sign (Culver's), Item 204.9105.S.05, Removing Sign (Henry's), Item 204.9105.S.06, Removing Sign (Schuff Veterinary), Item 204.9105.S.07, Removing Sign (Perkins), Item 204.9105.S.08, Removing Sign (Meyers Coldwell Bank), Item 204.9105.S.09, Removing Sign (Gowey Title), Item 204.9105.S.10, Removing Sign (Key Consulting), Item 204.9105.S.11, Removing Sign (Swift), Item 204.9105.S.12, Removing Sign (Monical's), Item 204.9105.S.13, Removing Sign (Plowman's), Item 204.9105.S.14.**

**A Description**

This special provision describes Removing Sign conforming to standard spec 204.

**B (Vacant)**

**C (Vacant)**

**D Measurement**

The department will measure Removing Sign in LS acceptably completed.

**E Payment**

*Add the following to standard spec 204.5:*

ITEM NUMBER	DESCRIPTION	UNIT
204.9105.S.01	Removing Sign (Krist)	LS
204.9105.S.02	Removing Sign (Walgreens)	LS
204.9105.S.03	Removing Sign (Debbie's Market)	LS
204.9105.S.04	Removing Sign (Outback 51)	LS
204.9105.S.05	Removing Sign (Culver's)	LS
204.9105.S.06	Removing Sign (Henry's)	LS
204.9105.S.07	Removing Sign (Schuff Veterinary)	LS
204.9105.S.08	Removing Sign (Perkins)	LS
204.9105.S.09	Removing Sign (Meyers Coldwell Banker)	LS
204.9105.S.10	Removing Sign (Gowey Title)	LS
204.9105.S.11	Removing Sign (Key Consulting)	LS
204.9105.S.12	Removing Sign (Swift)	LS
204.9105.S.13	Removing Sign (Monical's)	LS
204.9105.S.14	Removing Sign (Plowman's)	LS

**84. Crack and Damage Survey, Item 999.1500.S.**

**A Description**

This special provision describes conducting a crack and damage survey of the residences and business located on STH 47 and Lakeland Cinema (parcel 13) and Plowman's Marine (parcel 107).

This Crack and Damage Survey shall consist of two parts. The first part, performed before construction activities, shall include a visual inspection, digital images, and a written report describing the existing defects in the building(s) being inspected. The second part, performed after the construction activities, shall also include a visual inspection, digital images, and written report describing any change in the building's condition.

**B (Vacant)**

**C Construction**

Before any construction activities, thoroughly inspect the building structures for existing defects, including interior and exterior walls. Electronically submit a written report with the inspector's name, date of inspection, descriptions and locations of defects, and digital images. The intent of the written report and digital images is to procure a record of the general physical condition of the building's interior and exterior walls and foundation.

Use a digital camera capable of producing sharp, grain free, high-contrast colored digital images with good shadow details. Label each digital image with the following information:

ID: \_\_\_\_\_  
Building Location: \_\_\_\_\_  
View looking: \_\_\_\_\_  
Date: \_\_\_\_\_  
Photographer: \_\_\_\_\_

Before the start of any construction activities related to this survey, submit a copy of the written report and digital images to the engineer electronically.

After the construction activities are complete, conduct another survey in the same manner, take digital images, and submit another written report to the engineer electronically.

Instead of digital images, a digital video camera capable of producing sharp, high contrast, colored digital video with good shadow detail may be used to perform this work.

**D Measurement**

The department will measure Crack and Damage Survey as single complete lump sum unit of work 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
999.1500.S	Crack and Damage Survey	LS

Payment is full compensation for providing the before and after written reports, and for photographs or video.

**85. Plug Watermain Abandoned in Place, Item SPV.0060.522, Plug Sanitary Sewer Abandoned in Place, Item SPV.0060.523, Plug Force Main Abandoned in Place, Item SPV.0060.524.**

**A Description**

This work shall consist of inserting 24-inch long concrete plugs into any open end of the pipeline to be abandoned in place.

**B (Vacant)**

**C Construction**

Plugs for all pipelines to be abandoned in place.

**D Measurement**

The department will measure Plug Watermain Abandoned in Place, Plug Sanitary Sewer Abandoned in Place and Plug Force Main Abandoned in Place, once per contract acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.522	Plug Watermain Abandoned in Place	Each
SPV.0060.523	Plug Sanitary Sewer Abandoned in Place	Each
SPV.0600.524	Plug Force Main Abandoned in Place	Each

Payment is full compensation for excavating, backfilling, dewatering, sheeting, shoring, furnishing and installing all plugs, regardless of pipe size, to abandon the pipelines. As shown on the drawings.

**86. Construction Staking Sanitary Sewer, SPV.0060.525.**

**A Description**

This special provision describes staking line and grade for installation of all proposed sanitary sewer, laterals, sanitary sewer access structures and castings, and sanitary manholes.

**B (Vacant)**

**C Construction**

Perform this work in accordance to standard spec 650.3.1 and as specified below.

Sanitary Sewer Staking: Include staking structures and pipe staking at 25-foot intervals to 100 feet from structures, then 50-foot intervals. Verify the invert elevations of existing structures which are to remain and be tied into.

Casting Staking: Include two stakes set at each casting at offsets to be determined to allow casting to be set at finished roadway cross slope.

Set and maintain construction stakes or marks as necessary to achieve the required accuracy and to support the method of operations. Locate stakes to within 0.02 feet of the true horizontal, and to establish the grade elevations within 0.01 feet of the true vertical position.

**D Measurement**

The department will measure Construction Staking Sanitary Sewer, once per contract 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
SPV.0060.525	Construction Staking Sanitary Sewer	Each

Payment is full compensation for locating and setting all construction stakes; and for relocating and resetting damaged or missing construction stakes.

The department will not make final payment for any staking item until the contractor submits all survey notes and computations used to establish the required lines and grades to the engineer within 21 days of completing the work. The department will deduct from payments due to contractor for additional costs specified in standard spec 105.6.

**87. Construction Staking Water Main, SPV.0060.526.**

**A Description**

This special provision describes staking line and grade for installation of all proposed water main and copper water services.

**B (Vacant)**

**C Construction**

Perform this work in accordance to standard spec 650.3.1 and as specified below.

Water Main Staking: Include and pipe staking at 25-foot intervals to 100 feet from valves, then 50-foot intervals at any bends that are to be constructed.

Set and maintain construction stakes or marks as necessary to achieve the required accuracy and to support the method of operations. Locate stakes to within 0.02 feet of the true horizontal, and to establish the grade elevations within 0.01 feet of the true vertical position.

**D Measurement**

The department will measure Construction Staking water main once per contract 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
SPV.0600.526	Construction Staking Water Main	Each

Payment is full compensation for locating and setting all construction stakes; and for relocating and resetting damaged or missing construction stakes.

The department will not make final payment for any staking item until the contractor submits all survey notes and computations used to establish the required lines and grades to the engineer within 21 days of completing the work. The department will deduct from payments due to contractor for additional costs specified in standard spec 105.6.

**88. Construction Staking Force Main, SPV.0060.527**

**A Description**

This special provision describes staking line and grade for installation of all proposed force main.

**B (Vacant)**

**C Construction**

Perform this work in accordance to standard spec 650.3.1 and as specified below.

Force Main Staking: Include pipe staking at 25-foot intervals to 100 feet from start, then 50-foot intervals and at any bend that is to be constructed.

Set and maintain construction stakes or marks as necessary to achieve the required accuracy and to support the method of operations. Locate stakes to within 0.02 feet of the true horizontal, and to establish the grade elevations within 0.01 feet of the true vertical position.

**D Measurement**

The department will measure Construction Staking Force Main once per contract 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
SPV.0060.527	Construction Staking Force Main	Each

Payment is full compensation for locating and setting all construction stakes; and for relocating and resetting damaged or missing construction stakes.

The department will not make final payment for any staking item until the contractor submits all survey notes and computations used to establish the required lines and grades to the engineer within 21 days of completing the work. The department will deduct from payments due to contractor for additional costs specified in standard spec 105.6.

**Schedule of Items**

Attached, dated February 6, 2018, are the revised Schedule of Items Pages 1 – 21.

**Plan Sheets**

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

Revised: 416, 424 – 427, 432, and 458 – 464.

Added: 414A and 464A

END OF ADDENDUM



Addendum No. 01  
ID 1170-19-70  
Added Sheet 414A  
February 6, 2018

**REMOVING SIGN AND CONCRETE BASES**

STATION	LOCATION	204.9105.S.XX		SIGN BASES EACH**
		XX	LS	
523+80	40' LT (KRIST)	.01	1	1
529+30	64' LT (WALGREENS)	.02	1	1
534+79	42' LT (DEBBIES MARKET)	.03	1	1
537+06	44' RT (OUTBACK 51)	.04	1	1
538+37	47' LT (CULVER'S)	.05	1	1
538+47	35' RT (HENRY'S)	.06	1	1
541+23	51' LT (SCHUFF VET)	.07	1	1
548+82	52' LT (PERKINS)	.08	1	1
552+06	39' LT (MEYER'S COLDWELL BANKER)	.09	1	1
562+82	46' LT (GOWEY TITLE)	.10	1	1
564+22	30' RT (KEY CONSULTING)	.11	1	1
565+92	55' LT (SWIFT)	.12	1	1
567+69	37' RT (MONICAL'S)	.13	1	1
570+75	43' RT (PLOWMAN'S)	.14	1	1
<b>TOTAL</b>			<b>14</b>	<b>14</b>

\*\*FOR INFORMATIONAL PURPOSES ONLY; INCIDENTAL TO SIGN REMOVAL

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

Addendum No. 01  
 ID 1170-19-70  
 Revised Sheet 416  
 February 6, 2018

REMOVING STORM SEWER CONT'D											
204.0245.01 204.0245.02 204.0245.03 204.0245.04 204.0245.05  204.0280											
STATION	TO STATION	LOCATION	12-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	SEALING PIPES EACH	30-INCH LF	36-INCH LF	SEALING PIPES EACH
USH 51											
516+93	517+16	LT	-	-	-	-	24	-	-	-	-
517+16	520+96	LT	-	-	-	342	-	-	-	-	-
520+42	520+60	LT	28	-	-	-	-	-	-	-	-
520+54	520+60	LT/RT	82	-	-	-	-	-	-	-	-
520+54	520+90	RT	40	-	-	-	-	-	-	-	-
520+60	520+88	LT	33	-	-	-	-	-	-	-	-
520+60	523+09	LT	-	-	-	251	-	-	-	-	-
523+09	523+13	LT	16	-	-	-	-	-	-	-	-
523+09	523+13	LT/RT	53	-	-	-	-	-	-	-	-
523+09	524+18	LT	-	-	-	105	-	-	-	-	-
524+16	524+18	LT/RT	97	-	-	-	-	-	-	-	-
524+02	524+16	RT	70	-	-	-	-	-	-	-	-
524+16	524+43	RT	98	-	-	-	-	-	-	-	-
524+18	524+24	LT	-	-	93	-	-	-	-	-	-
524+18	526+28	LT	-	-	-	210	-	-	-	-	-
526+26	526+28	LT	20	-	-	-	-	-	-	-	-
526+26	526+26	LT	19	-	-	-	-	-	-	-	-
526+26	526+43	LT	18	-	-	-	-	-	-	-	-
526+26	526+28	LT/RT	48	-	-	-	-	-	-	-	-
526+19	526+26	RT	105	-	-	-	-	-	-	-	-
526+26	526+34	RT	9	-	-	-	-	-	-	-	-
526+28	527+76	LT	-	-	-	149	-	-	-	-	-
527+76	527+82	LT/RT	-	-	-	41	-	-	-	-	-
527+76	528+12	LT	-	-	-	36	-	-	-	-	-
531+48	531+48	LT/RT	-	-	48	-	-	-	-	-	-
531+48	531+49	RT	-	-	14	-	-	-	-	-	-
531+48	535+94	RT	-	-	446	-	-	-	-	-	-
535+31	535+94	LT/RT	-	-	74	-	-	-	-	-	-
535+94	536+23	RT	-	-	-	100	-	-	-	-	-
535+96		40' RT	-	-	-	-	-	-	-	-	-
537+00		433' RT	-	-	-	-	-	-	-	-	-
536+23	537+21	RT	-	-	-	99	-	-	-	-	-
535+94	536+12	RT	-	-	23	-	-	-	-	-	-
535+94	536+18	LT/RT	-	-	45	-	-	-	-	-	-
535+94	539+64	RT	-	-	-	371	-	-	-	-	-
539+64	539+65	LT/RT	-	-	-	-	-	-	-	-	-
539+64	542+98	RT	-	-	52	-	-	-	-	-	-
542+98	542+99	LT/RT	-	-	52	-	-	-	-	-	-
542+98	545+97	RT	-	-	-	300	-	-	-	-	-
545+97	545+98	LT/RT	-	-	52	-	-	-	-	-	-
545+98	546+01	LT	-	-	13	-	-	-	-	-	-
552+44	552+45	LT/RT	-	-	52	-	-	-	-	-	-
552+44	555+44	RT	-	-	298	-	-	-	-	-	-
555+43	555+44	LT/RT	-	-	52	-	-	-	-	-	-
555+44	558+43	RT	-	-	299	-	-	-	-	-	-
558+43	558+62	LT/RT	-	-	56	-	-	-	-	-	-
558+62	558+80	LT	-	-	33	-	-	-	-	-	-
558+62	562+43	LT	-	-	381	-	-	-	-	-	-
562+43	562+43	LT/RT	-	-	52	-	-	-	-	-	-
570+43	570+44	LT/RT	-	-	53	-	-	-	-	-	-
570+43	573+44	LT	-	-	295	-	-	-	-	-	-
573+44	574+64	LT	-	-	119	-	-	-	-	-	-
574+71	574+88	LT	-	-	26	-	-	-	-	-	-
575+33	575+46	RT	-	-	24	-	-	-	-	-	-
		<b>SUBTOTAL</b>	<b>905</b>	<b>2,390</b>	<b>93</b>	<b>2,341</b>	<b>24</b>				<b>2</b>

REMOVING STORM SEWER CONT'D											
204.0245.01 204.0245.02 204.0245.03 204.0245.04 204.0245.05  204.0280											
STATION	TO STATION	LOCATION	12-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	SEALING PIPES EACH	30-INCH LF	36-INCH LF	SEALING PIPES EACH
STH 47											
795+83	795+93	LT/RT	43	-	-	-	-	-	-	-	-
795+93	796+02	LT	-	10	-	-	-	-	-	-	-
796+02	796+27	LT	-	25	-	-	-	-	-	-	-
796+27	796+67	LT	-	40	-	-	-	-	-	-	-
797+06	797+09	LT/RT	32	-	-	-	-	-	-	-	-
797+09	797+14	LT	28	-	-	-	-	-	-	-	-
797+09	799+75	LT/RT	-	-	266	-	-	-	-	-	-
800+21	800+54	LT/RT	91	-	-	-	-	-	-	-	-
803+33	804+06	RT	73	-	-	-	-	-	-	-	-
804+06	804+15	LT/RT	45	-	-	-	-	-	-	-	-
804+15	804+60	LT	-	-	172	-	-	-	-	-	-
		<b>SUBTOTAL</b>	<b>312</b>	<b>75</b>	<b>438</b>	<b>0</b>	<b>0</b>				<b>0</b>
		<b>TOTAL</b>	<b>1,217</b>	<b>2,465</b>	<b>531</b>	<b>2,341</b>	<b>24</b>				<b>2</b>

BASE AGGREGATE DENSE											
305-0110 305-0120 371.1000.S QMP BAD 1 1/4" COMPACTION											
STATION	TO STATION	LOCATION	3/4-INCH TON	1 1/4-INCH TON	1 1/4-INCH TON	1 1/4-INCH TON	REMARKS				
516+87	582+00	USH 51	---	46,777	---	46,777					
582+00	588+33	USH 51	321	3,704	---	3,704					
604+10	605+50	USH 51	71	587	---	587					
794+50	796+50	STH 47	---	2,982	---	2,982					
803+70	805+00	STH 47	---	2,926	---	2,926					
		MEDIAN PATCH	---	713	---	713	TEMPORARY				
		PIPE TRENCHES	---	1,422	---	1,422	TEMPORARY				
559+38		CULVERT PIPE	---	450	---	450					
575+04		CULVERT PIPE	---	450	---	450					
582+49		CULVERT PIPE	---	450	---	450					
604+75		CULVERT PIPE	---	500	---	500					
		PARKING LOT	---	298	---	298					
		<b>SUB-TOTAL</b>	<b>392</b>	<b>60,961</b>	<b>57,273</b>	<b>57,273</b>	Category 0010 Total				
		PARKING LOT	---	298	---	298	Category 0020 Total				
		<b>TOTAL</b>	<b>392</b>	<b>61,259</b>	<b>57,273</b>	<b>57,273</b>					

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

**STORM SEWER PIPES REINFORCED CONCRETE**

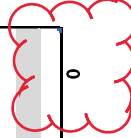
FROM	INVERT ELEVATION	TO	INVERT ELEVATION	LOCATION	SLOPE	608.0312	608.0315	608.0324	608.0330	608.0336	608.0412	608.0415	608.0418	608.0424	608.0430	608.0436	608.2319	608.2424	608.2429		
CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	
12-INCH	15-INCH	24-INCH	30-INCH	36-INCH	12-INCH	15-INCH	24-INCH	30-INCH	36-INCH	12-INCH	15-INCH	18-INCH	24-INCH	30-INCH	36-INCH	19X30-INCH	24X38-INCH	29X45-INCH	CLASS HE-IV	CLASS HE-IV	
LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
CB-2	1595.33	CB-1	1593.86	51	0.0061																
MH-3	1596.28	CB-2	1595.99	51	0.0052																
CB-4	1596.43	MH-3	1596.28	51	0.0050																
CB-5	1597.10	CB-4	1596.93	51	0.0035				48												
CB-6	1597.25	CB-5	1597.10	51	0.0034				44												
CB-7	1597.50	CB-6	1597.25	51	0.0036				69												
MH-8	1597.90	CB-7	1597.50	51	0.0035				113												
CB-9	1598.67	MH-8	1598.40	51	0.0034			79													
CB-10	1598.91	CB-9	1598.67	51	0.0036																
CB-3A	1598.18	MH-3	1598.02	51	0.0100	16															
CB-8A	1598.60	MH-8	1598.40	2ND AVE	0.0222	9															
CB-11	1599.06	CB-10	1598.91	51	0.0033																
MH-12	1599.17	CB-11	1599.06	47	0.0035																
CB-13	1599.25	MH-12	1599.17	47	0.0036																
CB-14	1599.43	CB-13	1599.25	51	0.0034																
MH-15	1599.72	CB-14	1599.43	51	0.0033																
MH-16	1599.94	MH-15	1599.72	47	0.0037			59													
CB-17	1600.11	MH-16	1599.94	47	0.0035			48													
CB-18	1600.82	CB-17	1600.11	47	0.0035																
CB-19	1601.80	CB-18	1601.57	47	0.0034																
CB-1	1593.86	E68	1593.48	51	0.0036																
CB-20	1601.89	CB-19	1601.80	47	0.0031																
MH-22	1595.81	CB-21	1595.43	51	0.0030																
CB-23	1596.03	MH-22	1595.81	51	0.0055				40												
CB-24	1596.53	CB-23	1596.03	51	0.0055				91												
MH-25	1597.54	CB-24	1596.53	51	0.0054				186												
CB-26	1598.66	MH-25	1598.04	51	0.0041																
CB-27	1598.87	CB-26	1598.66	51	0.0040																
MH-28	1598.97	CB-27	1598.87	51	0.0040																
CB-29	1599.13	MH-28	1598.97	51	0.0050																
MH-30	1600.04	CB-29	1599.13	51	0.0070																
CB-31	1600.61	MH-30	1600.04	51	0.0070																
CB-32	1601.02	CB-31	1600.61	47	0.0071																
CB-33	1601.07	CB-32	1601.02	47	0.0062																
CB-34	1602.21	CB-33	1601.82	47	0.0070																
CB-35	1602.63	CB-34	1602.21	47	0.0070																
CB-38	1602.63	CB-35	1602.61	51	0.0033																
CB-39	1602.61	CB-38	1602.52	51	0.0031																
CB-38	1598.50	CB-3A	1598.43	3RD AVE	0.0100	7															
CB-40	1602.52	CB-41	1602.36	51	0.0029																
CB-41	1602.36	CB-42	1602.31	51	0.0033																
CB-42	1602.06	CB-41	1601.85	51	0.0030																
CB-43	1602.22	CB-42	1602.16	51	0.0046																
CB-45	1601.03	CB-46	1600.85	51	0.0049																
<b>SUBTOTAL</b>						7	16	232	591	0	0	330	71	1046	127	86	0	0	0	347	240

\* NON-BID ITEM; FOR INFORMATION ONLY

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

PROJECT NO: 1170-19-70      COUNTY: VILAS      HWY: USH 51      SHEET: 424

Addendum No. 01  
ID 1170-19-70  
Revised Sheet 424  
February 6, 2018



STORM SEWER PIPES REINFORCED CONCRETE

FROM ELEVATION	INVERT ELEVATION	TO ELEVATION	INVERT ELEVATION	LOCATION	SLOPE FT/FT	608.0312 CLASS III	608.0315 CLASS III	608.0324 CLASS III	608.0330 CLASS III	608.0336 CLASS III	608.0412 CLASS IV	608.0415 CLASS IV	608.0418 CLASS IV	608.0424 CLASS IV	608.0430 CLASS IV	608.0436 CLASS IV	608.2424 CLASS HE-IV	608.2429 CLASS HE-IV	JOINT TIES*	
						12-INCH LF	15-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	19X30-INCH LF	24X38-INCH LF	29X45-INCH LF	EACH
CB-46	1600.85	CB-47	1600.60	51	0.0050			50												
CB-47	1600.60	CB-48	1600.51	51	0.0053			17												
CB-48	1600.51	CB-49	1600.25	51	0.0049			53												
CB-49	1600.25	CB-50	1599.98	51	0.0049			55												
CB-50	1599.98	CB-51	1599.62	51	0.0050			72												
CB-51	1600.85	CB-50	1599.98	51	0.0070			125												
CB-52	1601.37	CB-51	1600.85	51	0.0069			75												
CB-53	1602.05	CB-52	1601.37	51	0.0069			98												
CB-54	1602.16	CB-53	1602.05	51	0.0073			15												
CB-55	1603.60	CB-54	1602.16	51	0.0070			206												
CB-56	1604.65	CB-55	1603.60	51	0.0070			150												
CB-57	1605.52	CB-56	1604.65	51	0.0070			125												
CB-58	1607.42	CB-57	1605.52	51	0.0070			270												
CB-59	1608.62	CB-58	1608.17	51	0.0070		64													
CB-60	1602.88	CB-61	1602.68	51	0.0030															
CB-61	1602.68	CB-62	1602.60	51	0.0030															
CB-62	1601.85	CB-63	1601.66	51	0.0031															
CB-63	1601.66	CB-64	1601.65	51	0.0020															
CB-64	1601.65	CB-65	1601.45	51	0.0030															
CB-65	1601.45	CB-66	1601.35	51	0.0030															
CB-66	1601.35	CB-67	1601.08	51	0.0031															
CB-67	1601.08	CB-68	1600.76	51	0.0030			107												
CB-68	1600.76	CB-69	1600.56	51	0.0030			67												
CB-69	1600.56	CB-70	1600.52	51	0.0033			12												
CB-70	1600.52	CB-72	1600.29	51	0.0037			63												
CB-72	1600.29	CB-73	1600.01	51	0.0035			79												
CB-73	1600.01	CB-74	1599.98	51	0.0037			8												
CB-74	1599.98	CB-75	1599.67	51	0.0036			86												
CB-75	1599.67	CB-76	1599.62	51	0.0036			14												
CB-77	1601.24	CB-76	1599.62	51	0.0070			231												
CB-78	1601.34	CB-77	1601.24	51	0.0067			15												
CB-79	1602.41	CB-78	1601.34	51	0.0070			152												
CB-80	1603.82	CB-79	1602.41	51	0.0070			202												
CB-81	1604.52	CB-80	1603.82	51	0.0070			100												
CB-82	1605.05	CB-81	1604.52	51	0.0071			75												
CB-83	1605.57	CB-82	1605.05	51	0.0069			75												
CB-84	1606.20	CB-83	1605.57	51	0.0070			90												
CB-85	1607.53	CB-84	1606.95	51	0.0070			83												
CB-86	1609.23	CB-87	1605.78	51	0.0199			173												
CB-87	1605.03	CB-88	1601.43	51	0.0200			180												
CB-88	1601.43	CB-89	1598.38	51	0.0201			152												
CB-89	1598.38	CB-90	1595.38	51	0.0150															
MH-88	1599.57	CB-8A	1598.60	2ND AVE	0.0149			65												
CB-90	1595.38	CB-91	1595.11	51	0.0049															
<b>SUBTOTAL</b>						<b>0</b>	<b>320</b>	<b>3084</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>94</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Addendum No. 01  
ID 1170-19-70  
Revised Sheet 425  
February 6, 2018

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

\* NON-BID ITEM: FOR INFORMATION ONLY

PROJECT NO: 1170-19-70	COUNTY: VILAS	MISCELLANEOUS QUANTITIES	PLOT NAME:	PLOTS:	SHEET: 425	E
FILE NAME:	HWY: USH 51					

STORM SEWER PIPES REINFORCED CONCRETE

FROM ELEVATION	INVERT ELEVATION	TO ELEVATION	INVERT LOCATION	LOCATION	SLOPE	608.0312 CLASS III	608.0315 CLASS III	608.0324 CLASS III	608.0330 CLASS III	608.0336 CLASS III	608.0412 CLASS IV	608.0415 CLASS IV	608.0418 CLASS IV	608.0424 CLASS IV	608.0430 CLASS IV	608.0436 CLASS IV	608.2319 CLASS HE-III	608.2424 CLASS HE-IV	608.2429 CLASS HE-IV	JOINT TIES*	
					FT/FT	12-INCH LF	15-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	19X30-INCH LF	24X38-INCH LF	29X45-INCH LF	EACH	
CB-91	1595.11	CB-92	1594.98	51	0.0052																
CB-92	1594.98	CB-93	1594.73	51	0.0056																
CB-95	1595.29	MH-94	1594.43	51	0.0151																
CB-96	1596.59	CB-95	1595.29	51	0.0200																
CB-97	1602.34	CB-96	1597.34	51	0.0200																
CB-98	1608.99	CB-99	1606.54	51	0.0199																
CB-100	1603.83	CB-101	1601.38	51	0.0199																
CB-101	1601.38	CB-102	1599.40	51	0.0200																
CB-102	1599.40	CB-103	1597.40	51	0.0200																
CB-103	1597.40	CB-104	1595.28	51	0.0150																
CB-104	1595.28	CB-105	1595.10	51	0.0030																
CB-105	1595.10	CB-105A	1595.07	51	0.0030																
CB-105A	1595.07	CB-106	1594.94	51	0.0029																
CB-106	1594.94	CB-93	1594.73	51	0.0030																
CB-107	1596.25	CB-106	1595.96	51	0.0009																
CB-108	1598.37	CB-96	1597.34	51	0.0149																
CB-109	1602.12	CB-108	1598.37	51	0.0150																
CB-110	1602.28	CB-111	1599.36	51	0.0150																
CB-111	1598.61	CB-112	1594.96	51	0.0150																
CB-112	1594.96	CB-113	1594.47	51	0.0100																
CB-113	1594.47	CB-114	1594.31	51	0.0050																
CB-114	1594.31	CB-115	1594.26	51	0.0026																
CB-115	1594.26	CB-116	1594.06	51	0.0030																
CB-116	1593.47	AE-116A	1593.42	51	0.0028																
CB-117	1595.04	CB-129	1594.83	51	0.0030																
CB-118	1596.06	MH-131	1595.82	51	0.0030																
CB-121	1604.43	CB-122	1602.52	51	0.0126																
CB-122	1601.77	CB-123	1599.10	51	0.0176																
CB-123	1599.10	CB-124	1596.43	51	0.0176																
CB-124	1596.43	CB-125	1595.41	51	0.0176																
CB-125	1595.41	CB-126	1594.62	51	0.0176																
CB-126	1594.62	CB-115	1594.26	51	0.0049																
CB-127	1595.03	CB-116	1594.80	51	0.0031																
CB-128	1593.86	AE-128A	1593.54	51	0.0030																
CB-129	1594.04	CB-128	1593.86	51	0.0030																
CB-130	1594.19	CB-129	1594.04	51	0.0030																
MH-131	1595.03	CB-130	1594.19	51	0.0030																
CB-132	1595.14	MH-131	1595.03	51	0.0031																
CB-133	1596.04	CB-132	1595.93	51	0.0030																
CB-134	1596.20	CB-133	1596.04	51	0.0029																
CB-136	1602.51	CB-135	1602.46	47	0.0050																
CB-137	1602.34	CB-135	1602.21	47	0.0030																
CB-138	1603.17	CB-137	1602.59	47	0.0161																
CB-139	1596.99	AE-139A	1595.45	47	0.0091																
<b>SUBTOTAL</b>						<b>0</b>	<b>0</b>	<b>122</b>	<b>169</b>	<b>0</b>	<b>0</b>	<b>1459</b>	<b>43</b>	<b>1607</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>532</b>	<b>18</b>	<b>0</b>	<b>18</b>

Addendum No. 01  
 ID 1170-19-70  
 Revised Sheet 426  
 February 6, 2018

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

\* NON-BID ITEM; FOR INFORMATION ONLY

STORM SEWER PIPES REINFORCED CONCRETE

FROM	INVERT ELEVATION	TO	INVERT ELEVATION	LOCATION	SLOPE	608.0312 CLASS III	608.0315 CLASS III	608.0324 CLASS III	608.0330 CLASS III	608.0336 CLASS III	608.0412 CLASS IV	608.0415 CLASS IV	608.0418 CLASS IV	608.0424 CLASS IV	608.0430 CLASS IV	608.0436 CLASS IV	608.2319 CLASS HE-III	608.2424 CLASS HE-IV	608.2429 CLASS HE-IV	JOINT TIES*	
					FT/FT	12-INCH LF	15-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	19X30-INCH LF	24X38-INCH LF	29X45-INCH LF	EACH	
CB-140	1598.29	CB-139	1597.49	47	0.0100		80					43									
CB-141	1603.79	MH-142	1603.17	47	0.0144																
MH-142	1602.42	CB-139	1602.00	47	0.0063									67							
CB-142A	1603.51	MH-142	1603.17	47	0.0170							20									
CB-143	1603.46	MH-142	1603.17	47	0.0059							49									
CB-15A	1600.68	MH-15	1600.47	47	0.0035		60														
DRN-16A	1601.88	MH-16	1601.75	47	0.0100		13														
INL-21A	1597.23	CB-21	1596.68	51	0.0128							43									
CB-21	1595.43	E60	1595.01	51	0.0030										140						
CB-22A	1597.25	MH-22	1597.06	3RD AVE	0.0079		24														
CB-22B	1597.82	CB-22A	1597.50	3RD AVE	0.0080	40															
CB-25A	1598.22	MH-25	1598.04	51	0.0064								28								
CB-25B	1598.61	CB-25A	1599.22	51	0.0097				40												
CB-25C	1598.67	CB-25A	1598.22	2ND AVE	0.0050																
CB-25D	1599.66	CB-25C	1599.42	2ND AVE	0.0049							49									
INL-28A	1599.47	MH-28	1598.97	51	0.0051																
CB-30A	1602.15	MH-30	1602.00	51	0.0100							15									
CB-33A	1602.30	CB-33	1601.82	47	0.0071							68									
CB-44	1602.16	MH-44A	1601.88	51	0.0050							56									
MH-44A	1601.88	CB-45	1601.78	51	0.0053							19									
INL-72A	1601.91	CB-72	1601.75	51	0.0100		16														
CB-76	1598.62	AE-76A	1595.87	51	0.0127																
CB-93	1594.23	AE-93A	1594.10	51	0.0057					217											
MH-94	1594.43	AE-94A	1594.10	51	0.0065			39													
CB-99	1605.79	CB-100	1603.83	51	0.0200																
<b>SUBTOTAL</b>						<b>40</b>	<b>113</b>	<b>119</b>	<b>23</b>	<b>217</b>	<b>40</b>	<b>362</b>	<b>0</b>	<b>382</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>	
<b>TOTAL</b>						<b>47</b>	<b>449</b>	<b>3557</b>	<b>783</b>	<b>217</b>	<b>40</b>	<b>2245</b>	<b>114</b>	<b>3545</b>	<b>267</b>	<b>86</b>	<b>532</b>	<b>18</b>	<b>347</b>	<b>36</b>	

\* NON-BID ITEM: FOR INFORMATION ONLY

Addendum No. 01  
ID 1170-19-70  
Revised Sheet 427  
February 6, 2018

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

MISCELLANEOUS QUANTITIES

COUNTY: VILAS

HWY: USH 51

PROJECT NO: 1170-19-70

PLOT NAME:

PLOT DATE:

PLOT SCALE:

SHEET: 427

STORM SEWER STRUCTURES

STRUCTURE	RIM ELEV.	INVERT ELEV.	DEPTH FT.	STA.	OFF.	LOCATION	INLET COVERS		CATCH BASINS			MANHOLES				INLETS			SPECIALS																		
							Type	Each	3-FT Diam.	4-FT Diam.	5-FT Diam.	6-FT Diam.	7-FT Diam.	8-FT Diam.	5-FT Diam.	6-FT Diam.	7-FT Diam.	8-FT Diam.	4-FT Diam.	4-FT Diam.	24-FT	Median 1' Grate	Drain Slotted Vane	Catch Basins 8-FT Diameter	Inlet Covers Type H-D												
CB-33A	1607.18	1600.30	5.88	1584+65	23.5 RT	47		1			1								1																		
DRN-16A	1608.54	1599.88	7.66	1582+46	11.1' LT	47																															
INL-15A	1607.53	1600.68	6.04	1582+36	35.5 RT	47		1																													
INL-21A	1600.58	1595.23	5.35	1032+37	66.2 RT	51																															
INL-28A	1602.77	1597.47	5.30	1038+78	143.3 RT	51																															
INL-72A	1607.35	1599.91	6.11	1048+84	40.5 RT	51																															
MH-131	1600.30	1595.03	4.46	1091+88	31.2 RT	51																															
MH-142	1607.95	1602.42	4.70	1587+19	33 RT	47																															
MH-144A	1607.11	1601.88	4.34	1048+51	38.1 LT	51																															
<b>SUBTOTAL</b>							1	0	2	2	1	0	0	0	0	0	1	14	1	7	4	1	1	14	4	1	3	1	1	0	0	0	0	0			
<b>TOTAL</b>							1	91	40	3	1	78	26	12	1	4	1	1	1	7	4	1	1	1	14	4	1	3	1	1	4	1	4	0	0	8	

REMARKS  
 \* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE  
 \*\* FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE  
 \*\*\* DEPTH = RIM ELEV. - TOP OF STRUCTURE BASE ELEV. - COVER HEIGHT - 6" INCH ADJUSTMENT RING HEIGHT

STORM SEWER ENDWALLS

STRUCTURE	ELEVATION	INVERT**	STATION	OFFSET*	LOCATION
AE-116A	1593.42	1593.42	574+70	59.9' LT	51-RL
AE-128A	1593.54	1593.54	574+86	65' LT	51-RL
AE-139A	1598.24	1598.24	804+57	187.8' LT	47
AE-76A	1599.21	1599.21	538+15	244.3' RT	51-RL
AE-93A	1596.89	1596.89	558+63	60.9' LT	51-RL
AE-94A	1596.35	1596.35	558+75	71.6' LT	51-RL
<b>TOTAL</b>					
1 1 2 1 1 6					

REMARKS  
 \* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE  
 \*\* FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE  
 \*\*\* BID ITEMS SHOWN ELSEWHERE IN THE PLAN

**Addendum No. 01**  
**ID 1170-19-70**  
**Revised Sheet 432**  
**February 6, 2018**

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED





Addendum No. 01  
ID 1170-19-71  
Revised Sheet 459  
February 6, 2018

MISCELLANEOUS WATER MAIN ITEMS

CATEGORY	STATION	OFFSET	SPV.0060.501		SPV.0060.502		SPV.0060.503		SPV.0060.508		SPV.0060.509		SPV.0060.510		SPV.0060.511		SPV.0060.519		SPV.0060.520		
			SALVAGE HYDRANT	REMOVE WATERMAIN VALVE BOX	ADJUST WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX	WATERMAIN VALVE BOX
0000	518+46 51-RL	11.4RT	1																		
	518+53 51-RL	19.6RT																			
	520+58 51-RL	9.2RT																			
	527+61 51-RL	36.0RT																			
	527+64 51-RL	43.8LT	1																		
	527+74 51-RL	21.6RT																			
	527+79 51-RL	2.9LT																			
	527+79 51-RL	31.7LT																			
	528+45 51-RL	36.4RT																			
	529+39 51-RL	66.7LT																			
	530+94 51-RL	42.0RT																			
	531+16 51-RL	12.6LT	1																		
	531+95 51-RL	30.3LT																			
	535+36 51-RL	51.7LT																			
	535+24 51-RL	37.7LT	1																		
	542+66 51-RL	40.5RT	1																		
	554+57 51-RL	91.7LT																			
	558+36 51-RL	52.3LT																			
	559+29 51-RL	70.1LT																			
	559+26 51-RL	64.5LT																			
	559+56 51-RL	40.2LT	1																		
	559+60 51-RL	47.8LT																			
	560+28 51-RL	37.1RT																			
	560+28 51-RL	39.6RT																			
	563+64 51-RL	37.6RT																			
	563+62 51-RL	37.5RT	1																		
	565+00 51-RL	38.4LT																			
	565+26 51-RL	51.2LT																			
	568+38 51-RL	42.1LT																			
	568+38 51-RL	45.0LT																			
	568+58 51-RL	29.8RT	1																		
	568+91 51-RL	38.0RT																			
	571+51 51-RL	51.5LT	1																		
	573+13 51-RL	37.3RT																			
	573+54 51-RL	22.1RT																			
	573+54 51-RL	29.4RT																			
	573+55 51-RL	32.7RT	1																		
	573+58 51-RL	39.9RT	1																		
	3+84 3RD AVE	7.0RT																			
	4+39 3RD AVE	6.6RT																			
	5+15 3RD AVE	39.4RT																			
	5+42 3RD AVE	11.7RT																			
	3+65 2ND AVE	7.3RT																			
	4+02 2ND AVE	51.8RT																			
	5+27 2ND AVE	8.7RT																			
	795+79 47	21.9RT																			
	795+78 47	26.0RT																			
	796+06 47	35.1RT	1																		
	796+08 47	40.0RT																			
	796+50 47	27.1RT																			
	799+40 47	53.4RT																			
	799+43 47	53.5RT																			
	799+78 47	48.4RT																			
	SUBTOTALS (0000)		10	17	1	1	15	14	13	12	1	1	5								

CONT ON NEXT PAGE

Addendum No. 01  
ID 1170-19-71  
Revised Sheet 460  
February 6, 2018

MISCELLANEOUS WATER MAIN ITEMS (CONT)

CATEGORY	STATION	OFFSET	SPV.0060.501 SALVAGE HYDRANT	SPV.0060.502 REMOVE WATERMAIN VALVE BOX	SPV.0060.503 ADJUST WATERMAIN VALVE BOX	SPV.0060.508 WATERMAIN GATE VALVE AND BOX	SPV.0060.509 8-INCH HYDRANTS	SPV.0060.510 HYDRANTS	SPV.0060.511 CONNECT TO EXISTING WATER MAIN	SPV.0060.519 SALVAGE EXISTING VALVE BOX	SPV.0060.520 TEMPORARY WATER CONNECTION
			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
0000	800+62 47	16.5RT	---	---	---	---	1	---	---	---	---
CONT	803+28 47	28.3RT	1	---	---	---	---	---	---	---	---
	803+23 47	26.5RT	---	---	1	---	---	---	---	---	---
	803+42 47	71.6LT	1	---	---	---	---	---	---	---	---
	804+44 47	17.1RT	---	---	---	1	---	---	---	---	---
	3+57 LEMMA	17.5RT	---	---	---	---	---	1	---	---	---
	4+08 LEMMA	14.9RT	---	---	---	---	---	---	---	---	1
	4+60 LEMMA	3.3RT	---	1	---	---	---	---	---	---	---
	9+15 TRAPP	10.0RT	---	---	---	1	---	---	2	---	---
	9+20 TRAPP	26.0RT	---	1	---	---	---	---	---	---	---
	UNDISTRIBUTED	---	---	---	---	---	---	---	---	---	2
	SUBTOTALS (0000)	---	2	3	0	2	3	1	4	0	3
	TOTALS (0000)	---	12	20	1	17	17	14	16	1	8

MISCELLANEOUS WATER MAIN ITEMS

CATEGORY	STATION	OFFSET	SPV.0060.501 SALVAGE HYDRANT	SPV.0060.502 REMOVE WATERMAIN VALVE BOX	SPV.0060.503 ADJUST WATERMAIN VALVE BOX	SPV.0060.508 WATERMAIN GATE VALVE AND BOX	SPV.0060.509 8-INCH HYDRANTS	SPV.0060.510 HYDRANTS	SPV.0060.511 CONNECT TO EXISTING WATER MAIN	SPV.0060.519 SALVAGE EXISTING VALVE BOX	SPV.0060.520 TEMPORARY WATER CONNECTION
			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
0020	536+09 51-RL	34.7RT	1	2	---	---	---	---	---	---	---
	538+27 51-RL	43.5RT	---	---	---	1	---	---	1	---	---
	548+99 51-RL	43.5RT	1	---	1	---	1	---	2	---	---
	549+07 51-RL	36.8RT	---	---	1	---	---	---	---	---	---
	549+22 51-RL	31.9RT	---	1	---	---	---	---	---	---	---
	549+28 51-RL	35.1RT	---	1	---	---	---	---	---	---	---
	550+51 51-RL	37.1RT	---	---	---	---	---	---	1	---	1
	550+63 51-RL	39.2RT	---	---	---	1	---	---	---	---	---
	553+60 51-RL	41.8RT	---	---	---	1	---	---	---	---	---
	553+71 51-RL	38.5RT	---	---	---	1	---	---	1	---	---
	558+93 51-RL	52.9RT	---	1	---	---	---	---	---	---	---
	563+01 51-RL	48.4LT	---	---	1	---	---	---	1	---	---
	563+64 51-RL	37.6RT	---	---	1	---	---	---	---	---	---
	563+67 51-RL	30.4RT	---	---	---	1	---	---	1	---	---
	563+62 51-RL	37.5RT	---	1	---	---	---	---	---	---	---
	565+00 51-RL	38.4LT	---	---	---	---	---	---	---	---	---
	566+83 51-RL	31.0RT	---	---	---	---	---	---	1	---	1
	566+83 51-RL	33.5RT	---	---	---	---	---	---	---	---	---
	571+93 51-RL	63.3LT	---	---	1	---	---	---	1	---	---
	4+79 LEMMA	25.6RT	---	---	1	---	1	---	---	---	---
	4+82 LEMMA	15.1RT	---	---	---	---	---	---	---	---	1
	4+89 LEMMA	26.1RT	1	1	---	---	---	---	---	---	---
	5+30 LEMMA	15.3RT	---	---	---	---	---	---	1	---	---
	TOTALS (0020)	---	3	5	4	7	5	2	10	0	3
	TOTALS (0000,0020)	---	15	25	5	24	22	16	26	1	11

TOTALS 2 2 5

MISCELLANEOUS QUANTITIES

COUNTY: VILAS

HWY: USH 51

PROJECT NO: 1170-19-71

SHEET 460

PLOT BY: \_username\_

PLOT DATE: 1/31/2018

PLOT NAME: S:\NMD\3900--3999\3958\002\Micros\030303.mxd.dgn

PLOT SCALE: \*\*.....plot scale.....\*\* WISDOT/CADD SHEET 43

Addendum No. 01  
ID 1170-19-71  
Revised Sheet 461  
February 6, 2018

WATERMAIN TEES AND BENDS FOR INFORMATIONAL PURPOSES ONLY, PAYMENT INCLUDED IN THE COST OF THE PIPE

CATEGORY	STATION	OFFSET	WATERMAIN TEE, 6 X 6-INCH EACH	WATERMAIN TEE, 8 X 6-INCH EACH	WATERMAIN TEE, 8 X 8-INCH EACH	WATERMAIN CROSS, 8 X 8-INCH EACH	WATERMAIN CUTTING IN SLEEVE EACH	WATERMAIN BEND 11-1/4 DEGREE 6-INCH EACH	WATERMAIN BEND 45 DEGREE 8-INCH EACH	WATERMAIN BEND 90 DEGREE 8-INCH EACH
0000	519+63 51-RL	17.7RT	---	---	---	---	---	---	---	---
	520+53 51-RL	9.5RT	---	---	---	1	---	---	---	---
	524+32 51-RL	12.7RT	---	---	---	1	---	---	---	---
	527+70 51-RL	21.7RT	---	---	---	---	---	---	---	---
	527+75 51-RL	32.1LT	---	---	---	---	---	---	---	---
	529+39 51-RL	41.6LT	---	---	---	---	---	---	---	---
	531+21 51-RL	41.5RT	1	---	---	---	---	---	---	---
	532+00 51-RL	29.7LT	---	---	---	---	---	---	---	---
	535+16 51-RL	30.0RT	---	---	---	---	---	---	---	---
	535+62 51-RL	30.1LT	---	---	---	---	---	---	---	---
	542+65 51-RL	34.5RT	---	---	---	1	---	---	---	---
	559+27 51-RL	67.5LT	---	---	---	---	---	1	---	---
	559+26 51-RL	64.5LT	1	---	---	---	---	---	---	---
	559+36 51-RL	61.9LT	1	---	---	---	---	---	---	---
	559+36 51-RL	76.1LT	---	---	---	---	---	---	---	---
	559+67 51-RL	76.3LT	---	---	---	---	---	---	---	---
	559+78 51-RL	64.0LT	---	---	---	---	---	---	---	---
	560+28 51-RL	37.1RT	---	---	---	---	---	---	---	---
	560+28 51-RL	41.8RT	---	---	---	---	---	---	1	---
	560+39 51-RL	50.4RT	---	---	---	---	---	---	---	1
	568+38 51-RL	42.1LT	---	---	---	---	---	---	---	---
	568+38 51-RL	50.2LT	---	---	---	---	---	---	---	1
	568+95 51-RL	50.2RT	1	---	---	---	---	---	---	---
	570+51 51-RL	50.7LT	---	---	---	---	1	---	---	---
	572+22 51-RL	48.7RT	---	---	---	---	---	---	---	---
	573+13 51-RL	51.3RT	---	---	---	---	---	---	---	---
	573+20 51-RL	20.2RT	---	---	---	---	---	---	---	---
	573+50 51-RL	25.0RT	---	---	---	---	---	---	1	---
	573+59 51-RL	18.1RT	---	---	---	---	---	---	---	1
	3+85 3RD AVE	6.4RT	---	---	---	---	---	---	---	1
	3+97 3RD AVE	15.2RT	---	---	---	---	---	---	---	1
	4+82 3RD AVE	17.3RT	---	---	---	---	---	---	---	1
	4+91 3RD AVE	8.8RT	---	---	---	---	---	---	---	1
	5+15 3RD AVE	9.1RT	---	---	---	---	---	---	---	1
	5+32 3RD AVE	9.3RT	---	---	---	---	---	---	---	1
	5+35 3RD AVE	11.8RT	---	---	---	---	---	---	---	1
	4+02 2ND AVE	7.8RT	---	---	---	---	---	---	---	---
	4+02 2ND AVE	37.1RT	---	---	---	---	---	1	---	---
	795+78 47	21.9RT	---	---	---	---	---	---	---	---
	795+78 47	32.9RT	---	---	---	---	---	---	---	1
	796+08 47	34.12RT	---	---	---	---	---	---	---	---
	796+50 47	35.9TY	---	---	---	---	---	---	---	---
	800+03 47	24.5RT	---	---	---	---	---	---	---	1
	800+12 47	15.8RT	---	---	---	---	---	---	---	---
	803+29 47	16.4RT	---	---	---	---	---	---	---	---
	3+59 LEMMA	17.5RT	1	---	---	---	---	---	---	---
	3+62 LEMMA	15.0RT	---	---	---	---	---	---	---	1
	9+15 TRAPP	10.1RT	---	---	---	---	---	---	---	---
	TOTALS (0010)		4	12	6	2	1	1	5	3
										12
										3

Addendum No. 01  
ID 1170-19-71  
Revised Sheet 462  
February 6, 2018

WATERMAIN TEES AND BENDS FOR INFORMATIONAL PURPOSES ONLY, PAYMENT INCLUDED IN THE COST OF THE PIPE

CATEGORY	STATION	OFFSET	WATERMAIN TEE, 6 X 6-INCH EACH	WATERMAIN TEE, 8 X 6-INCH EACH	WATERMAIN TEE, 8 X 8-INCH EACH	WATERMAIN CROSS, 8 X 8-INCH EACH	WATERMAIN CUTTING IN SLEEVE EACH	WATERMAIN BEND 11-1/4 DEGREE 6-INCH EACH	WATERMAIN BEND 45 DEGREE 8-INCH EACH	WATERMAIN BEND 90 DEGREE 8-INCH EACH
0020	535+67 51-RL	46.9RT	1							
	548+99 51-RL	37.4RT	1							
	550+51 51-RL	37.1RT	1							
	550+51 51-RL	39.1RT								1
	551+79 51-RL	36.6RT								
	553+60 51-RL	38.0RT	1							
	553+64 51-RL	37.9RT								
	562+78 51-RL	60.5LT								
	562+92 51-RL	44.9LT								
	563+45 51-RL	47.1RT								
	563+62 51-RL	30.6RT								
	563+60 51-RL	33.2RT	1							
	565+26 51-RL	44.4LT								
	566+83 51-RL	31.0RT								
	566+84 51-RL	45.7RT								
	568+52 51-RL	54.7RT								
	571+84 51-RL	58.8LT								
	571+81 51-RL	60.8LT	1							
	4+79 LEMMA	15.1RT								
TOTALS (0020)			3	4	2	0	2	1	2	3
TOTALS (0010,0020)			7	16	8	2	3	6	15	5

ASPHALTIC DRIVEWAYS AND FIELD ENTRANCES\*\*

CATEGORY	STATION	SPV.465.012 TONS
0010	559+36 51-RL	27
	561+21 51-RL	3
	569+05 51-RL	8
	571+62 51-RL	3
TOTAL (0010)		41

ASPHALTIC DRIVEWAYS AND FIELD ENTRANCES\*\*

CATEGORY	STATION	SPV.465.012 TONS
0020	560+81 51-RL	3
	561+54 51-RL	3
	562+02 51-RL	6
	562+26 51-RL	3
	563+06 51-RL	6
	563+27 51-RL	6
TOTAL (0020)		27
TOTAL (0010,0020)		68

1 1/4 BASE AGGREGATE\*\*

CATEGORY	STATION	SPV.305.012 TONS	REMARKS
0010	559+36 51-RL	81	
	561+21 51-RL	9	
	569+05 51-RL	23	
	571+62 51-RL	9	
UNDISBURIED		1,100	
TOTAL (0010)		1,822	

1 1/4 BASE AGGREGATE\*\*

CATEGORY	STATION	SPV.305.012 TONS	REMARKS
0020	560+81 51-RL	9	
	561+54 51-RL	9	
	562+02 51-RL	17	
	562+26 51-RL	9	
	563+06 51-RL	17	
	563+27 51-RL	17	
TOTAL (0020)		78	
TOTAL (0010,0020)		1,900	

ASPHALTIC SURFACE 6" THICK, 1 1/4 BASE AGG. 12" THICK\*\*

CATEGORY	STATION	SPV.465.0105 TONS
0010	3+83 3RD	100
	4+31 3RD	75
	3+65 2ND	97
	3+98 2ND	61
	799+43 47	52
	3+57 LEMMA	87
TOTAL		472

\*\* QUANTITIES SHOWN ELSEWHERE ON PLANS

Addendum No. 01  
ID 1170-19-71  
Revised Sheet 463  
February 6, 2018

CATEGORY	STATION	ALIGN	OFFSET	SPV.0090.508				SPV.0090.509				SPV.0090.511				SPV.0090.512			
				WATER SERVICE		WATERMAIN		WATERMAIN		WATERMAIN		WATERMAIN		WATERMAIN		WATERMAIN		WATERMAIN	
				1-INCH	2-INCH	STOP 1-INCH	STOP 2-INCH	1-INCH	2-INCH	STOP 1-INCH	STOP 2-INCH	1-INCH	2-INCH	STOP 1-INCH	STOP 2-INCH	1-INCH	2-INCH	STOP 1-INCH	STOP 2-INCH
0010	529+96	51-RL	42LT	---	---	1	1	---	---	---	---	---	---	---	---	---	---		
	530+28	51-RL	41LT	---	---	1	1	---	---	---	---	---	---	---	---	---	---		
	530+32	51-RL	41LT	26	---	1	1	---	---	---	---	---	---	---	---	---	---		
	531+25	51-RL	36LT	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
	531+62	51-RL	33LT	---	---	---	---	25	---	---	---	---	---	---	---	---	---		
	531+75	51-RL	32LT	---	---	1	1	---	---	---	---	---	---	---	---	---	---		
	532+78	51-RL	30LT	---	---	1	1	---	---	---	---	---	---	---	---	---	---		
	533+06	51-RL	30LT	17	---	1	1	---	---	---	---	---	---	---	---	---	---		
	533+54	51-RL	30LT	---	---	1	1	---	---	---	---	---	---	---	---	---	---		
	534+10	51-RL	30LT	---	---	1	1	---	---	---	---	---	---	---	---	---	---		
	534+64	51-RL	30LT	---	---	1	1	---	---	---	---	---	---	---	---	---	---		
	534+66	51-RL	30LT	17	---	1	1	---	---	---	---	---	---	---	---	---	---		
	559+65	51-RL	76LT	5	---	1	1	---	---	---	---	---	---	---	---	---	---		
	560+30	51-RL	64LT	8	---	1	1	---	---	---	---	---	---	---	---	---	---		
	561+16	51-RL	50RT	8	---	1	1	---	---	---	---	---	---	---	---	---	---		
	570+17	51-RL	52LT	27	---	1	1	---	---	---	---	---	---	---	---	---	---		
	571+20	51-RL	44RT	---	---	---	---	23	---	---	---	---	---	---	---	---	---		
	796+30	47	35RT	8	---	1	1	---	---	---	---	---	---	---	---	---	---		
	796+98	47	38RT	8	---	1	1	---	---	---	---	---	---	---	---	---	---		
	797+56	47	40RT	10	---	1	1	---	---	---	---	---	---	---	---	---	---		
	797+65	47	40RT	10	---	1	1	---	---	---	---	---	---	---	---	---	---		
	797+87	47	42RT	10	---	1	1	---	---	---	---	---	---	---	---	---	---		
	798+53	47	47RT	10	---	1	1	---	---	---	---	---	---	---	---	---	---		
	798+94	47	50RT	9	---	1	1	---	---	---	---	---	---	---	---	---	---		
	799+09	47	51RT	8	---	1	1	---	---	---	---	---	---	---	---	---	---		
	800+77	47	16RT	13	---	1	1	---	---	---	---	---	---	---	---	---	---		
	801+16	47	16RT	12	---	1	1	---	---	---	---	---	---	---	---	---	---		
	801+58	47	16RT	12	---	1	1	---	---	---	---	---	---	---	---	---	---		
	801+80	47	16RT	12	---	1	1	---	---	---	---	---	---	---	---	---	---		
	802+10	47	16RT	12	---	1	1	---	---	---	---	---	---	---	---	---	---		
	802+45	47	16RT	12	---	1	1	---	---	---	---	---	---	---	---	---	---		
	802+73	47	16RT	12	---	1	1	---	---	---	---	---	---	---	---	---	---		
	803+00	47	16RT	11	---	1	1	---	---	---	---	---	---	---	---	---	---		
	803+19	47	16RT	11	---	1	1	---	---	---	---	---	---	---	---	---	---		
	804+34	47	17RT	10	---	1	1	---	---	---	---	---	---	---	---	---	---		
	5+30	3RD AVE	9RT	20	---	1	1	---	---	---	---	---	---	---	---	---	---		
	TOTALS (0010)			318		33	33	48	2	2	2	507	85	1					

CATEGORY	STATION	ALIGN	OFFSET	SPV.0090.508				SPV.0090.509				SPV.0090.511				SPV.0090.512			
				WATER SERVICE		WATERMAIN		WATERMAIN		WATERMAIN		WATERMAIN		WATERMAIN		WATERMAIN		WATERMAIN	
				1-INCH	2-INCH	STOP 1-INCH	STOP 2-INCH	1-INCH	2-INCH	STOP 1-INCH	STOP 2-INCH	1-INCH	2-INCH	STOP 1-INCH	STOP 2-INCH	1-INCH	2-INCH	STOP 1-INCH	STOP 2-INCH
0020	537+70	51-RL	44RT	20	---	1	1	---	---	---	---	---	---	---	---	---	---		
	537+98	51-RL	44RT	20	---	1	1	---	---	---	---	---	---	---	---	---	---		
	560+99	51-RL	62LT	4	---	1	1	---	---	---	---	---	---	---	---	---	---		
	561+41	51-RL	61LT	4	---	1	1	---	---	---	---	---	---	---	---	---	---		
	561+89	51-RL	49RT	7	---	1	1	---	---	---	---	---	---	---	---	---	---		
	563+28	51-RL	48RT	7	---	1	1	---	---	---	---	---	---	---	---	---	---		
	562+71	51-RL	61LT	15	---	1	1	---	---	---	---	---	---	---	---	---	---		
	567+82	51-RL	49RT	15	---	1	1	---	---	---	---	---	---	---	---	---	---		
	4+85	LEMMA	10.4RT	---	---	---	---	28	1	1	1	---	---	---	---	---	---		
	TOTALS (0020)			92		8	8	28	1	1	1	0	0	0					
	TOTALS (0010,0020)			410		41	41	76	3	3	3	507	85	1					

Addendum No. 01  
ID 1170-19-71  
Revised Sheet 464  
February 6, 2018

SANITARY SEWER STRUCTURES SUMMARY

STRUCTURE NUMBER	STATION	LOCATION (OFFSET)	TOP OF CASTING	EXISTING TOP OF CASTING	IE	DEPTH	SPV.0060.504 ADJUST SANITARY MANHOLE COVER EACH	SPV.0060.505 RECONSTRUCT SANITARY MANHOLE EACH	SPV.0060.506 SANITARY MANHOLE EACH	SPV.0060.507 SANITARY MANHOLE COVER EACH	SPV.0060.512 CONNECT TO EXISTING SANITARY SEWER EACH	SPV.0060.521 TEMPORARY SEWER CONNECTION EACH
0000	518+94.2 51-RL	34.4LT	1600.99	1600.49	1593.84	7.15	1					
	519+08.4 51-RL	46.9LT	1601.50	1601.65	1593.91	7.59						
MH-1	520+71.8 51-RL	16.6RT	1603.05	---	1594.75	8.30	1					
MH-2	524+31.9 51-RL	21.8RT	1604.98	---	1595.81	9.17						
	524+33.7 51-RL	10.0LT	---	---	---	---						
MH-3	527+86.3 51-RL	30.2RT	1607.28	---	1596.85	10.43						
MH-4	528+66.3 51-RL	47.7RT	1607.69	1607.69	1597.50	10.39	1					
MH-5	529+37.8 51-RL	27.7RT	1608.39	---	1597.17	11.22	1					
	531+95.6 51-RL	15.2RT	1606.86	1605.89	1596.37	9.52	1					
	535+84.6 51-RL	10.5RT	1607.40	1606.47	1595.98	10.49						
	571+55.8 51-RL	37.4RT	1606.00	1608.12	1601.81	6.31	1					
MH-9	4+31.3 3RD AVE	0.6RT	1602.92	1602.84	1594.57	8.35						
	4+46.8 3RD AVE	0.7LT	---	1602.89	1597.98	4.91						
MH-10	5+25.0 3RD AVE	1.0RT	1603.23	---	1595.00	8.23						
MH-11	3+88.5 2ND AVE	0.8RT	1605.30	---	1596.23	9.07						
MH-12	5+08.9 2ND AVE	0.6LT	1604.89	---	1595.03	8.86	1					
MH-13	799+93.3 47	39.9RT	1607.63	1607.67	1596.95	10.68	1					
MH-14	803+65.9 47	8.4RT	1608.26	1607.62	1598.02	10.24	1					
	800+56.47	8.3RT	---	---	---	---						
	UNDISTRIBUTED		---	---	---	---						
TOTALS (0010)							2	3	11	11	8	5

SANITARY SEWER STRUCTURES SUMMARY

STRUCTURE NUMBER	STATION	LOCATION (OFFSET)	TOP OF CASTING	EXISTING TOP OF CASTING	IE	DEPTH	SPV.0060.504 ADJUST SANITARY MANHOLE COVER EACH	SPV.0060.505 RECONSTRUCT SANITARY MANHOLE EACH	SPV.0060.506 SANITARY MANHOLE EACH	SPV.0060.507 SANITARY MANHOLE COVER EACH	SPV.0060.512 CONNECT TO EXISTING SANITARY SEWER EACH	SPV.0060.521 TEMPORARY SEWER CONNECTION EACH
0020	536+87.6 51-RL	54.2RT	1607.68	1607.48	1595.86	11.62	1					
	548+81.6 51-RL	46.4RT	1614.28	1609.98	1600.33	9.65	1					
MH-6	550+54.5 51-RL	47.4RT	1611.90	---	1601.46	10.44						
MH-7	551+78.5 51-RL	44.7RT	1614.95	---	1602.20	12.75						
	552+26.3 51-RL	28.3RT	---	1612.11	1602.57	9.54						
MH-8	553+54.2 51-RL	46.3RT	1612.60	---	1603.26	9.34						
	553+54.1 51-RL	28.2RT	---	1609.78	1603.09	6.69						
	564+44.2 51-RL	38.0RT	1608.70	1609.09	1598.80	10.29	1					
TOTALS (0020)							2	1	3	3	1	0
TOTALS (0010,0020)							4	4	14	14	9	5

PLUG SANITARY SEWER ABANDONED IN-PLACE

CATEGORY	PROJECT ID	SPV.0060.523 EACH	CATEGORY	PROJECT ID	SPV.0060.525 EACH	CATEGORY	PROJECT ID	SPV.0060.527 EACH
0000	1170-19-71	0.67	0010	1170-19-71	0.82	0010	1170-19-71	0.89
0020	1170-19-71	0.33	0020	1170-19-71	0.18	0020	1170-19-71	0.11
TOTAL	1	1	TOTAL (0010,0020)	1	1	TOTAL	1	1

CONSTRUCTION STAKING FORCE MAIN

CATEGORY	PROJECT ID	SPV.0060.523 EACH	CATEGORY	PROJECT ID	SPV.0060.524 EACH	CATEGORY	PROJECT ID	SPV.0060.527 EACH
0000	1170-19-71	0.67	0010	1170-19-71	0.50	0010	1170-19-71	0.89
0020	1170-19-71	0.33	0020	1170-19-71	0.50	0020	1170-19-71	0.11
TOTAL	1	1	TOTAL (0010,0020)	1	1	TOTAL	1	1

SANITARY SEWER PIPE SUMMARY

CATEGORY	LOCATION (DOWNSTREAM)		LOCATION (UPSTREAM)	SLOPE (%)	SPV.0090.501		SPV.0090.502	
	(DOWNSTREAM)	(UPSTREAM)			8-INCH	10-IN	LF	LF
0000	MH-1	MH-2	1594.80	0.28%	---	362	---	
	MH-2	MH-3	1595.86	0.28%	---	355	---	
	MH-3	MH-4	1596.90	0.29%	---	35	---	
	MH-4	MH-14	1596.90	0.28%	---	18	---	
	MH-4	MH-14	1597.05	0.28%	---	343	---	
	MH-9	MH-1	1594.59	0.28%	---	57	---	
	MH-10	MH-1	1594.85	0.41%	---	37	---	
	MH-2	MH-11	1595.91	0.40%	---	81	---	
	MH-2	MH-12	1595.91	0.40%	---	30	---	
	TOTALS (0000)				---	1113	---	

SANITARY SEWER PIPE SUMMARY

CATEGORY	LOCATION (DOWNSTREAM)		LOCATION (UPSTREAM)	SLOPE (%)	SPV.0090.501		SPV.0090.502	
	(DOWNSTREAM)	(UPSTREAM)			8-INCH	10-IN	LF	LF
0020	MH-6	MH-7	1601.56	0.53%	---	120	---	
	MH-7	MH-8	1602.30	0.56%	---	170	---	
	TOTALS (0020)				---	290	---	
	TOTALS (0010,0020)				---	495	---	

SANITARY SEWER LATERALS

CATEGORY	STATION	MAIN CONNECTION		SPV.0090.503
		OFFSET TO	4-INCH	
0000	800+72.2 47	8.3RT	20	---
	801+08.8 47	8.4RT	20	---
	801+54.7 47	8.4RT	20	---
	801+81.9 47	8.4RT	20	---
	802+06.9 47	8.4RT	20	---
	802+51.9 47	8.4RT	20	---
	802+71.1 47	8.4RT	19	---
	802+96.8 47	8.4RT	19	---
	803+22.1 47	8.4RT	19	---
	TOTALS		177	---

Addendum No. 01  
ID 1170-19-71  
Added Sheet 464A  
February 6, 2018

FORCE MAIN PIPES

CATEGORY	STATION - STATION	SPV.0090.506		SPV.0090.507		SPV.0090.510	
		4-INCH	6-INCH	4-INCH	6-INCH	4-INCH	6-INCH
0000	528+16 51-RL	---	87	---	---	---	
	529+01 51-RL	---	43	---	---	---	
	529+42 51-RL	---	633	---	---	---	
	603+53 51-RL	---	---	---	---	---	
	TOTALS (0010)				0	763	120

FORCE MAIN PIPES

CATEGORY	STATION - STATION	SPV.0090.506		SPV.0090.507		SPV.0090.510	
		4-INCH	6-INCH	4-INCH	6-INCH	4-INCH	6-INCH
0020	535+71 51-RL	---	8	---	---	---	
	576+60 51-RL	100	---	100	---	---	
	TOTALS (0020)				100	8	---
	TOTALS (0010,0020)				100	771	120

FORCE MAIN BENDS FOR INFORMATIONAL PURPOSES ONLY, PAYMENT INCLUDED IN COST OF PIPE

CATEGORY	STATION	OFFSET	SPV.0060.513		SPV.0060.513	
			FORCE MAIN	CONNECT TO	FORCE MAIN	CONNECT TO
0000	529+00 51-RL	45.6RT	1	---	---	---
	529+42 51-RL	36.0RT	1	---	---	---
	535+71 51-RL	33.5RT	---	1	---	---
	603+53 51-RL	71.9RT	---	---	1	---
	605+53 51-RL	74.8RT	---	---	1	---
	TOTALS (0010)		2	1	2	---

FORCE MAIN BENDS FOR INFORMATIONAL PURPOSES ONLY, PAYMENT INCLUDED IN COST OF PIPE

CATEGORY	STATION	OFFSET	SPV.0060.513		SPV.0060.513	
			FORCE MAIN	CONNECT TO	FORCE MAIN	CONNECT TO
0020	535+79 51-RL	41.9RT	---	1	---	---
	576+60 51-RL	31.2RT	---	---	1	---
	577+60 51-RL	34.1RT	---	---	1	---
	TOTALS (0020)		0	1	3	---
	TOTALS (0010,0020)		2	2	5	---



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0002	201.0110 Clearing	2,502.000 SY	_____.	_____.
0004	201.0210 Grubbing	2,502.000 SY	_____.	_____.
0006	203.0100 Removing Small Pipe Culverts	6.000 EACH	_____.	_____.
0008	204.0120 Removing Asphaltic Surface Milling	810.000 SY	_____.	_____.
0010	204.0150 Removing Curb & Gutter	17,000.000 LF	_____.	_____.
0012	204.0155 Removing Concrete Sidewalk	3,959.000 SY	_____.	_____.
0014	204.0170 Removing Fence	111.000 LF	_____.	_____.
0016	204.0195 Removing Concrete Bases	63.000 EACH	_____.	_____.
0018	204.0210 Removing Manholes	13.000 EACH	_____.	_____.
0020	204.0220 Removing Inlets	47.000 EACH	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 01. 12 INCH	1,217.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 02. 18 INCH	2,465.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 03. 24 INCH	531.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 04. 30 INCH	2,341.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 05. 36 INCH	24.000 LF	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0032	204.0280 Sealing Pipes	2.000 EACH	_____.	_____.
0034	204.9060.S Removing (item description) 01. Decorative Street Lights	37.000 EACH	_____.	_____.
0036	205.0100 Excavation Common	45,803.000 CY	_____.	_____.
0038	208.0100 Borrow	98.000 CY	_____.	_____.
0040	213.0100 Finishing Roadway (project) 01. 1170-19-70	1.000 EACH	_____.	_____.
0042	305.0110 Base Aggregate Dense 3/4-Inch	392.000 TON	_____.	_____.
0044	305.0120 Base Aggregate Dense 1 1/4-Inch	63,457.000 TON	_____.	_____.
0048	416.0160 Concrete Driveway 6-Inch	3,513.000 SY	_____.	_____.
0050	440.4410 Incentive IRI Ride	13,987.000 DOL	1.00000	13,987.00
0052	455.0605 Tack Coat	9,033.000 GAL	_____.	_____.
0054	460.2000 Incentive Density HMA Pavement	14,047.000 DOL	1.00000	14,047.00
0056	460.6223 HMA Pavement 3 MT 58-28 S	15,890.000 TON	_____.	_____.
0058	460.6444 HMA Pavement 4 MT 58-34 H	6,213.000 TON	_____.	_____.
0060	465.0105 Asphaltic Surface	2,017.000 TON	_____.	_____.
0062	465.0120 Asphaltic Surface Driveways and Field Entrances	1,396.000 TON	_____.	_____.
0064	465.0310 Asphaltic Curb	910.000 LF	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0066	522.0460 Culvert Pipe Reinforced Concrete Class IV 60-Inch	170.000 LF	_____.	_____.
0068	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	_____.	_____.
0070	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	2.000 EACH	_____.	_____.
0072	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	1.000 EACH	_____.	_____.
0074	522.1060 Apron Endwalls for Culvert Pipe Reinforced Concrete 60-Inch	2.000 EACH	_____.	_____.
0076	522.2319 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	60.000 LF	_____.	_____.
0078	522.2348 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 48x76-Inch	114.000 LF	_____.	_____.
0080	522.2358 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 58x91-Inch	145.000 LF	_____.	_____.
0082	522.2424 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	132.000 LF	_____.	_____.
0084	522.2619 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	3.000 EACH	_____.	_____.
0086	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	3.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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	522.2648 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 48x76-Inch	2.000 EACH	_____.	_____.
0090	522.2658 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 58x91-Inch	2.000 EACH	_____.	_____.
0092	601.0199.S Concrete Curb Precast	8.000 EACH	_____.	_____.
0094	601.0407 Concrete Curb & Gutter 18-Inch Type D	1,570.000 LF	_____.	_____.
0096	601.0411 Concrete Curb & Gutter 30-Inch Type D	15,061.000 LF	_____.	_____.
0098	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	524.000 LF	_____.	_____.
0100	601.0600 Concrete Curb Pedestrian	606.000 LF	_____.	_____.
0102	602.0405 Concrete Sidewalk 4-Inch	3,501.000 SF	_____.	_____.
0104	602.0415 Concrete Sidewalk 6-Inch	76,114.000 SF	_____.	_____.
0106	602.0505 Curb Ramp Detectable Warning Field Yellow	340.000 SF	_____.	_____.
0108	606.0200 Riprap Medium	156.500 CY	_____.	_____.
0110	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	47.000 LF	_____.	_____.
0112	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	449.000 LF	_____.	_____.
0114	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	3,557.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0116	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	783.000 LF	_____.	_____.
0118	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	217.000 LF	_____.	_____.
0120	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	40.000 LF	_____.	_____.
0122	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	2,245.000 LF	_____.	_____.
0124	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	114.000 LF	_____.	_____.
0126	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	3,545.000 LF	_____.	_____.
0128	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	267.000 LF	_____.	_____.
0130	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	86.000 LF	_____.	_____.
0132	608.2319 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	532.000 LF	_____.	_____.
0134	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	18.000 LF	_____.	_____.
0136	608.2429 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	347.000 LF	_____.	_____.
0138	611.0540 Manhole Covers Type K	14.000 EACH	_____.	_____.
0140	611.0606 Inlet Covers Type B	1.000 EACH	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0142	611.0624 Inlet Covers Type H	91.000 EACH	_____.	_____.
0144	611.0636 Inlet Covers Type HM-S	5.000 EACH	_____.	_____.
0146	611.0639 Inlet Covers Type H-S	40.000 EACH	_____.	_____.
0148	611.0645 Inlet Covers Type MS-A	3.000 EACH	_____.	_____.
0150	611.1003 Catch Basins 3-FT Diameter	1.000 EACH	_____.	_____.
0152	611.1004 Catch Basins 4-FT Diameter	78.000 EACH	_____.	_____.
0154	611.1005 Catch Basins 5-FT Diameter	26.000 EACH	_____.	_____.
0156	611.1006 Catch Basins 6-FT Diameter	12.000 EACH	_____.	_____.
0158	611.1230 Catch Basins 2x3-FT	14.000 EACH	_____.	_____.
0160	611.2004 Manholes 4-FT Diameter	1.000 EACH	_____.	_____.
0162	611.2005 Manholes 5-FT Diameter	7.000 EACH	_____.	_____.
0164	611.2006 Manholes 6-FT Diameter	4.000 EACH	_____.	_____.
0166	611.2007 Manholes 7-FT Diameter	1.000 EACH	_____.	_____.
0168	611.2008 Manholes 8-FT Diameter	1.000 EACH	_____.	_____.
0170	611.3004 Inlets 4-FT Diameter	4.000 EACH	_____.	_____.
0172	611.3230 Inlets 2x3-FT	1.000 EACH	_____.	_____.
0174	611.3901 Inlets Median 1 Grate	3.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0176	611.3902 Inlets Median 2 Grate	1.000 EACH	_____.	_____.
0178	611.8115 Adjusting Inlet Covers	3.000 EACH	_____.	_____.
0180	611.9800.S Pipe Grates	6.000 EACH	_____.	_____.
0182	611.9900.S Drain Slotted Vane	1.000 EACH	_____.	_____.
0184	616.0100 Fence Woven Wire (height) 01. 4 Foot	40.000 LF	_____.	_____.
0186	619.1000 Mobilization	1.000 EACH	_____.	_____.
0188	620.0100 Concrete Corrugated Median	713.000 SF	_____.	_____.
0190	620.0300 Concrete Median Sloped Nose	246.000 SF	_____.	_____.
0192	624.0100 Water	100.000 MGAL	_____.	_____.
0194	625.0100 Topsoil	20,338.000 SY	_____.	_____.
0196	628.1504 Silt Fence	5,530.000 LF	_____.	_____.
0198	628.1520 Silt Fence Maintenance	6,913.000 LF	_____.	_____.
0200	628.1905 Mobilizations Erosion Control	6.000 EACH	_____.	_____.
0202	628.1910 Mobilizations Emergency Erosion Control	17.000 EACH	_____.	_____.
0204	628.2008 Erosion Mat Urban Class I Type B	20,338.000 SY	_____.	_____.
0206	628.7005 Inlet Protection Type A	149.000 EACH	_____.	_____.
0208	628.7010 Inlet Protection Type B	5.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0210	628.7015 Inlet Protection Type C	144.000 EACH	_____.	_____.
0212	628.7504 Temporary Ditch Checks	60.000 LF	_____.	_____.
0214	628.7555 Culvert Pipe Checks	20.000 EACH	_____.	_____.
0216	628.7570 Rock Bags	10.000 EACH	_____.	_____.
0218	629.0210 Fertilizer Type B	13.000 CWT	_____.	_____.
0220	630.0140 Seeding Mixture No. 40	366.000 LB	_____.	_____.
0222	631.1000 Sod Lawn	178.000 SY	_____.	_____.
0224	633.5200 Markers Culvert End	8.000 EACH	_____.	_____.
0226	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	45.000 EACH	_____.	_____.
0228	634.0816 Posts Tubular Steel 2x2-Inch X 16-FT	46.000 EACH	_____.	_____.
0230	637.2210 Signs Type II Reflective H	765.620 SF	_____.	_____.
0232	637.2215 Signs Type II Reflective H Folding	90.760 SF	_____.	_____.
0234	637.2230 Signs Type II Reflective F	9.000 SF	_____.	_____.
0236	638.2602 Removing Signs Type II	76.000 EACH	_____.	_____.
0238	638.3000 Removing Small Sign Supports	57.000 EACH	_____.	_____.
0240	638.3150 Removing Overhead Sign Supports Cantilever (structure) 01. 797+94 30' RT	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0242	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0244	643.0300 Traffic Control Drums	13,830.000 DAY	_____.	_____.
0246	643.0420 Traffic Control Barricades Type III	6,221.000 DAY	_____.	_____.
0248	643.0500 Traffic Control Flexible Tubular Marker Posts	686.000 EACH	_____.	_____.
0250	643.0600 Traffic Control Flexible Tubular Marker Bases	686.000 EACH	_____.	_____.
0252	643.0715 Traffic Control Warning Lights Type C	13,830.000 DAY	_____.	_____.
0254	643.0800 Traffic Control Arrow Boards	1,131.000 DAY	_____.	_____.
0256	643.0900 Traffic Control Signs	17,293.000 DAY	_____.	_____.
0258	643.1050 Traffic Control Signs PCMS	969.000 DAY	_____.	_____.
0260	643.1070 Traffic Control Cones 42-Inch	57,196.000 DAY	_____.	_____.
0262	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0264	644.1410.S Temporary Pedestrian Surface Asphalt	3,355.000 SF	_____.	_____.
0266	644.1601.S Temporary Curb Ramp	5.000 EACH	_____.	_____.
0268	645.0120 Geotextile Type HR	313.000 SY	_____.	_____.
0270	646.1020 Marking Line Epoxy 4-Inch	23,157.000 LF	_____.	_____.
0272	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	1,290.000 LF	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0274	646.3020 Marking Line Epoxy 8-Inch	1,847.000 LF	_____.	_____.
0276	646.5020 Marking Arrow Epoxy	62.000 EACH	_____.	_____.
0278	646.5120 Marking Word Epoxy	3.000 EACH	_____.	_____.
0280	646.6120 Marking Stop Line Epoxy 18-Inch	415.000 LF	_____.	_____.
0282	646.7120 Marking Diagonal Epoxy 12-Inch	887.000 LF	_____.	_____.
0284	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,952.000 LF	_____.	_____.
0286	646.8120 Marking Curb Epoxy	286.000 LF	_____.	_____.
0288	646.8220 Marking Island Nose Epoxy	13.000 EACH	_____.	_____.
0290	646.8320 Marking Parking Stall Epoxy	671.000 LF	_____.	_____.
0292	646.9000 Marking Removal Line 4-Inch	7,220.000 LF	_____.	_____.
0294	646.9100 Marking Removal Line 8-Inch	40.000 LF	_____.	_____.
0296	646.9200 Marking Removal Line Wide	35.000 LF	_____.	_____.
0298	646.9300 Marking Removal Special Marking	19.000 EACH	_____.	_____.
0300	649.0105 Temporary Marking Line Paint 4-Inch	82,864.000 LF	_____.	_____.
0302	650.4000 Construction Staking Storm Sewer	164.000 EACH	_____.	_____.
0304	650.4500 Construction Staking Subgrade	9,253.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0306	650.5000 Construction Staking Base	9,253.000 LF	_____.	_____.
0308	650.5500 Construction Staking Curb Gutter and Curb & Gutter	17,152.000 LF	_____.	_____.
0310	650.6000 Construction Staking Pipe Culverts	6.000 EACH	_____.	_____.
0312	650.8500 Construction Staking Electrical Installations (project) 01. 1170-19-70	LS	LUMP SUM	_____.
0314	650.9910 Construction Staking Supplemental Control (project) 01. 1170-19-70	LS	LUMP SUM	_____.
0316	650.9920 Construction Staking Slope Stakes	9,253.000 LF	_____.	_____.
0318	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	2,458.000 LF	_____.	_____.
0320	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	3,492.000 LF	_____.	_____.
0322	652.0700.S Install Conduit into Existing Item	1.000 EACH	_____.	_____.
0324	652.0800 Conduit Loop Detector	3,682.000 LF	_____.	_____.
0326	653.0140 Pull Boxes Steel 24x42-Inch	39.000 EACH	_____.	_____.
0328	653.0905 Removing Pull Boxes	30.000 EACH	_____.	_____.
0330	654.0101 Concrete Bases Type 1	14.000 EACH	_____.	_____.
0332	654.0102 Concrete Bases Type 2	4.000 EACH	_____.	_____.
0334	654.0110 Concrete Bases Type 10	3.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0336	654.0113 Concrete Bases Type 13	5.000 EACH	_____.	_____.
0338	654.0217 Concrete Control Cabinet Bases Type 9 Special	2.000 EACH	_____.	_____.
0340	655.0230 Cable Traffic Signal 5-14 AWG	1,067.000 LF	_____.	_____.
0342	655.0240 Cable Traffic Signal 7-14 AWG	1,487.000 LF	_____.	_____.
0344	655.0260 Cable Traffic Signal 12-14 AWG	247.000 LF	_____.	_____.
0346	655.0270 Cable Traffic Signal 15-14 AWG	3,562.000 LF	_____.	_____.
0348	655.0305 Cable Type UF 2-12 AWG Grounded	1,785.000 LF	_____.	_____.
0350	655.0510 Electrical Wire Traffic Signals 12 AWG	7,812.000 LF	_____.	_____.
0352	655.0515 Electrical Wire Traffic Signals 10 AWG	3,712.000 LF	_____.	_____.
0354	655.0610 Electrical Wire Lighting 12 AWG	1,452.000 LF	_____.	_____.
0356	655.0700 Loop Detector Lead In Cable	12,754.000 LF	_____.	_____.
0358	655.0800 Loop Detector Wire	13,682.000 LF	_____.	_____.
0360	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. USH 51 & 3rd Ave	LS	LUMP SUM	_____.
0362	656.0200 Electrical Service Meter Breaker Pedestal (location) 02. USH 51 & STH 47	LS	LUMP SUM	_____.
0364	657.0100 Pedestal Bases	14.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0366	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	4.000 EACH	_____.	_____.
0368	657.0315 Poles Type 4	4.000 EACH	_____.	_____.
0370	657.0410 Traffic Signal Standards Aluminum 9-FT	4.000 EACH	_____.	_____.
0372	657.0420 Traffic Signal Standards Aluminum 13-FT	2.000 EACH	_____.	_____.
0374	657.0425 Traffic Signal Standards Aluminum 15-FT	8.000 EACH	_____.	_____.
0376	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	4.000 EACH	_____.	_____.
0378	657.1450 Install Poles Over Height Type 10	3.000 EACH	_____.	_____.
0380	657.1460 Install Poles Over Height Type 13	5.000 EACH	_____.	_____.
0382	657.1520 Install Monotube Arms 20-FT	1.000 EACH	_____.	_____.
0384	657.1525 Install Monotube Arms 25-FT	1.000 EACH	_____.	_____.
0386	657.1530 Install Monotube Arms 30-FT	1.000 EACH	_____.	_____.
0388	657.1535 Install Monotube Arms 35-FT	5.000 EACH	_____.	_____.
0390	657.1808 Install Luminaire Arms Steel 8-FT	8.000 EACH	_____.	_____.
0392	658.0173 Traffic Signal Face 3S 12-Inch	24.000 EACH	_____.	_____.
0394	658.0174 Traffic Signal Face 4S 12-Inch	18.000 EACH	_____.	_____.
0396	658.0416 Pedestrian Signal Face 16-Inch	16.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0398	658.0500 Pedestrian Push Buttons	16.000 EACH	_____.	_____.
0400	658.5069 Signal Mounting Hardware (location) 01. USH 51 & 3rd Ave	LS	LUMP SUM	_____.
0402	658.5069 Signal Mounting Hardware (location) 02. USH 51 & STH 47	LS	LUMP SUM	_____.
0404	659.1125 Luminaires Utility LED C	12.000 EACH	_____.	_____.
0406	661.0200 Temporary Traffic Signals for Intersections (location) 01. USH 51 & 3rd Ave	LS	LUMP SUM	_____.
0408	661.0200 Temporary Traffic Signals for Intersections (location) 02. USH 51 & STH 47	LS	LUMP SUM	_____.
0410	661.0300 Generators	4.000 DAY	_____.	_____.
0412	673.0105 Communication Vault Type 1	3.000 EACH	_____.	_____.
0414	678.0036 Install Fiber Optic Cable Outdoor Plant 36-CT	9,002.000 LF	_____.	_____.
0416	678.0200 Fiber Optic Splice Enclosure	5.000 EACH	_____.	_____.
0418	678.0300 Fiber Optic Splice	84.000 EACH	_____.	_____.
0420	678.0500 Communication System Testing	LS	LUMP SUM	_____.
0422	690.0150 Sawing Asphalt	5,890.000 LF	_____.	_____.
0424	690.0250 Sawing Concrete	1,159.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0426	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0428	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,760.000 HRS	5.00000	13,800.00
0430	SPV.0060 Special 01. Inlet Covers Type H-D	8.000 EACH	_____.	_____.
0432	SPV.0060 Special 02. Temporary Water Passage	149.000 EACH	_____.	_____.
0434	SPV.0060 Special 04. Catch Basin 8-Foot Diameter	4.000 EACH	_____.	_____.
0436	SPV.0060 Special 501. Salvage Hydrant	15.000 EACH	_____.	_____.
0438	SPV.0060 Special 502. Remove Watermain Valve Box	25.000 EACH	_____.	_____.
0440	SPV.0060 Special 503. Adjust Watermain Valve Box	5.000 EACH	_____.	_____.
0442	SPV.0060 Special 504. Adjust Sanitary Manhole Casting	4.000 EACH	_____.	_____.
0444	SPV.0060 Special 505. Reconstruct Sanitary Manhole	4.000 EACH	_____.	_____.
0446	SPV.0060 Special 506. Sanitary Manhole	14.000 EACH	_____.	_____.
0448	SPV.0060 Special 507. Sanitary Manhole Cover	14.000 EACH	_____.	_____.
0450	SPV.0060 Special 508. Gate Valve and Valve Box, 6-IN	23.000 EACH	_____.	_____.
0452	SPV.0060 Special 509. Gate Valve and Valve Box, 8-IN	22.000 EACH	_____.	_____.
0454	SPV.0060 Special 510. Hydrants	16.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0456	SPV.0060 Special 511. Connect to Existing Water Main	26.000 EACH	_____.	_____.
0458	SPV.0060 Special 512. Connect to Existing Sanitary Sewer	9.000 EACH	_____.	_____.
0460	SPV.0060 Special 513. Connect to Existing Force Main	5.000 EACH	_____.	_____.
0462	SPV.0060 Special 514. Utility Line Opening (ULO)	15.000 EACH	_____.	_____.
0464	SPV.0060 Special 515. Bentonite Clay Dams	10.000 EACH	_____.	_____.
0466	SPV.0060 Special 516. Fluorocarbon Water Main Gaskets	30.000 EACH	_____.	_____.
0468	SPV.0060 Special 517. Nitrile Water Main Gaskets	10.000 EACH	_____.	_____.
0470	SPV.0060 Special 518. Protection of Private Sprinkler Systems	5.000 EACH	_____.	_____.
0472	SPV.0060 Special 519. Salvage Existing Valve Box	1.000 EACH	_____.	_____.
0474	SPV.0060 Special 520. Temporary Water Main Connections	11.000 EACH	_____.	_____.
0476	SPV.0060 Special 521. Temporary Sewer Connection	5.000 EACH	_____.	_____.
0478	SPV.0085 Special 01. Low Maintenance Seeding	45.000 LB	_____.	_____.
0480	SPV.0090 Special 01. Removing Stone Masonry Wall	11.000 LF	_____.	_____.
0482	SPV.0090 Special 501. Sanitary Sewer Main, Polyvinyl Chloride (PVC), 8-Inch	495.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0484	SPV.0090 Special 502. Sanitary Sewer Main, Polyvinyl Chloride (PVC), 10-Inch	1,113.000 LF	_____.	_____.
0486	SPV.0090 Special 503. Sanitary Sewer Lateral, Polyvinyl Chloride (PVC), 4-Inch	177.000 LF	_____.	_____.
0488	SPV.0090 Special 504. Water Main, Ductile Iron (DI), 6-Inch	1,295.000 LF	_____.	_____.
0490	SPV.0090 Special 505. Water Main, Ductile Iron (DI), 8-Inch	4,643.000 LF	_____.	_____.
0492	SPV.0090 Special 506. Force Main, Polyvinyl Chloride (PVC), 4-Inch	100.000 LF	_____.	_____.
0494	SPV.0090 Special 507. Force Main, Polyvinyl Chloride (PVC), 6-Inch	771.000 LF	_____.	_____.
0496	SPV.0090 Special 508. Water Service, Copper, 1-Inch	410.000 LF	_____.	_____.
0498	SPV.0090 Special 509. Water Service, Copper, 2-Inch	76.000 LF	_____.	_____.
0500	SPV.0090 Special 510. Directional Drill Force Main	120.000 LF	_____.	_____.
0502	SPV.0090 Special 511. Two Step 1-IN Water Service Reconstruction, Copper, 1-Inch	507.000 LF	_____.	_____.
0504	SPV.0090 Special 512. Two Step 6-IN Water Service Reconstruction, Ductile Iron (DI), 6-Inch	85.000 LF	_____.	_____.
0506	SPV.0105 Special 01. Remove and Salvage Traffic Signals USH 51 & 3rd Ave	LS	LUMP SUM	_____.
0508	SPV.0105 Special 02. Remove and Salvage Traffic Signals USH 51 & STH 47	LS	LUMP SUM	_____.





Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0510	SPV.0105 Special 03. Transport Dept Furnished Traffic Signal Monotube Mats USH 51 & 3rd Ave	LS	LUMP SUM	_____.
0512	SPV.0105 Special 04. Transport Dept Furnished Traffic Signal Monotube Mats USH 51 & STH 47	LS	LUMP SUM	_____.
0514	SPV.0105 Special 05. Temporary Vehicle Detection USH 51 & 3rd Ave	LS	LUMP SUM	_____.
0516	SPV.0105 Special 06. Temporary Vehicle Detection USH 51 & STH 47	LS	LUMP SUM	_____.
0518	SPV.0105 Special 07. Temporary Pumps Arrowhead Creek	LS	LUMP SUM	_____.
0520	SPV.0105 Special 08. Temporary Pumps Little Muskie Creek South	LS	LUMP SUM	_____.
0522	SPV.0105 Special 09. Temporary Pumps Little Muskie Creek North	LS	LUMP SUM	_____.
0524	SPV.0105 Special 10. Install Fiber Optic Communications In Cabinet USH 51 Hawk	LS	LUMP SUM	_____.
0526	SPV.0105 Special 11. Install Fiber Optic Communications In Cabinet USH 51 & STH 70 West	LS	LUMP SUM	_____.
0528	SPV.0105 Special 12. Install Fiber Optic Communications In Cabinet USH 51 & CTH J (Townline Road)	LS	LUMP SUM	_____.
0530	SPV.0105 Special 13. Install Fiber Optic Communications In Cabinet USH 51/STH 70 (ELM ST)&3RD AVE	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0532	SPV.0105 Special 14. Install Fiber Optic Communications In Cabinet USH 51/STH 70 (ELM ST)&STH 47	LS	LUMP SUM	_____.
0540	SPV.0105 Special 504. Temporary Water	LS	LUMP SUM	_____.
0548	SPV.0120 Special 01. Water For Seeding	230.000 MGAL	_____.	_____.
0550	SPV.0165 Special 01. Stained Concrete Terrace	14,780.000 SF	_____.	_____.
0552	SPV.0180 Special 01. Protective Thermoplastic Coatings At Snowmobile Trail Crossings	153.000 SY	_____.	_____.
0554	SPV.0195 Special 01. Excavation, Hauling, And Disposal Of High-Level Petroleum Contaminated Soil	320.000 TON	_____.	_____.
0556	SPV.0195 Special 501. Contaminated Soil Disposal	1,250.000 TON	_____.	_____.
0558	204.9105.S Removing (item description) 01. Sign (Krist)	LS	LUMP SUM	_____.
0560	204.9105.S Removing (item description) 02. Sign (Walgreens)	LS	LUMP SUM	_____.
0562	204.9105.S Removing (item description) 03. Sign (Debbie's Market)	LS	LUMP SUM	_____.
0564	204.9105.S Removing (item description) 04. Sign (Outback 51)	LS	LUMP SUM	_____.
0566	204.9105.S Removing (item description) 05. Sign (Culver's)	LS	LUMP SUM	_____.
0568	204.9105.S Removing (item description) 06. Sign (Henry's)	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0570	204.9105.S Removing (item description) 07. Sign (Schuff Veterinary)	LS	LUMP SUM	_____.
0572	204.9105.S Removing (item description) 08. Sign (Perkins)	LS	LUMP SUM	_____.
0574	204.9105.S Removing (item description) 09. Sign (Meyers Coldwell Banker)	LS	LUMP SUM	_____.
0576	204.9105.S Removing (item description) 10. Sign (Gowey Title)	LS	LUMP SUM	_____.
0578	204.9105.S Removing (item description) 11. Sign (Key Consulting)	LS	LUMP SUM	_____.
0580	204.9105.S Removing (item description) 12. Sign (Swift)	LS	LUMP SUM	_____.
0582	204.9105.S Removing (item description) 13. Sign (Monical's)	LS	LUMP SUM	_____.
0584	204.9105.S Removing (item description) 14. Sign (Plowman's)	LS	LUMP SUM	_____.
0586	999.1500.S Crack and Damage Survey	LS	LUMP SUM	_____.
0588	SPV.0060 Special 522. Plug Watermain Abandoned in Place	1.000 EACH	_____.	_____.
0590	SPV.0060 Special 523. Plug Sanitary Sewer Abandoned in Place	1.000 EACH	_____.	_____.
0592	SPV.0060 Special 524. Plug Force Main Abandoned in Place	1.000 EACH	_____.	_____.
0594	SPV.0060 Special 525. Construction Staking Sanitary Sewer	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213020 Project(s): 1170-19-70, 1170-19-71

Federal ID(s): WISC 2018095, 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
0596	SPV.0060 Special 526. Construction Staking Water Main	1.000 EACH	_____.	_____.
0598	SPV.0060 Special 527. Construction Staking Force Main	1.000 EACH	_____.	_____.
<b>Section: 0001</b>			<b>Total:</b>	_____.
			<b>Total Bid:</b>	_____.