

AGENDA

AMENDED

REGULAR WATER COMMISSION MEETING AND STORM WATER CITIZEN ADVISORY BOARD MEETING

**Monday, February 20, 2023
4:30 P.M.**

Council Chambers – City Hall

NOTICE IS HEREBY GIVEN, pursuant to the requirements of Wis. Stats. Sec. 19.84, that a majority of the Neenah Common Council may be present at this meeting. Common Council members may be present to gather information about a subject over which they have decision making responsibility. This constitutes a meeting of the Neenah Common Council and must be noticed as such. The Council will not take any formal action at this meeting.

1. Approve Regular Meeting Minutes for January 16, 2023 (Attachment)
2. Approve the Invoices for January 2023 (Attachment)
3. Appearances
4. Old Business/New Business
 - A. Award Contract 2-23 (Attachment)
 - B. Approve Fourth Amendment to the Verizon Lease (Attachment)
 - C. Director's Report (Attachment)
 - D. Any Other Business That May Legally Come Before the Commission
 - E. Adjournment

*In accordance with the requirements of Title II of the Americans with Disabilities Act (ADA), the City of Neenah will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. If you need assistance, or reasonable accommodation in participating in this meeting or event due to a disability as defined under the ADA, please call the **Water Utility Administrative Assistant at 920-886-6180** or the **City's ADA Coordinator at (920) 886-6106** or e-mail attorney@ci.Neenah.wi.us at least 48 hours prior to the scheduled meeting or event to request an accommodation.*

**MINUTES OF THE NEENAH WATER WORKS COMMISSION
AND
STORM WATER CITIZEN ADVISORY BOARD MEETING**
Regular Meeting – January 16, 2023
Council Chambers – City Hall

Present: President Schmeichel; Commissioners: J. Lang, Hemes, Boyette, and Bauman; and Director Mach

Also Present: Interim Director of Finance Kahl

President Schmeichel called the meeting to order at 4:30 p.m.

Approve Meeting Minutes for December 19, 2022 – Following discussion, **M.S.C. Boyette/Bauman to approve the December 19, 2022 Meeting Minutes.** All voting aye.

Approve the Invoices for December 2022 – Commissioners asked about charges and invoices from Badger Meter, Inc., and TDS Metrocom. Director Mach explained that the charge from Badger Meter, Inc. is for the annual Beacon meter reading system license and hosting and TDS is the land line (telephone) provider for the Water Utility.

Following discussion, **M.S.C. Boyette/Bauman to approve the December 2022 invoices.** All voting aye.

Appearances – None.

Old Business/New Business

Storm Water Report – Director Mach presented Director Kaiser's note on the Harrison Street Pond project.

Following discussion, **M.S.C. Schmeichel/Hemes to accept and place on file the Storm Water Report.** All voting aye.

Approve Final Draft 2023 CIP – Director Mach presented the updated CIP that included projects which were selected as replacements for Elm Street, Reed Street, and Laudan Boulevard. Public Works and Water staff worked quickly to develop a plan that would balance the needs of both departments. Director Mach noted the extremely poor pipe condition on Brantwood Drive, Brantwood Court, River Street, and High Street. Commissioners were concerned about the amount of work proposed despite the lower overall cost for the projects.

Following discussion, **M.S.C. Hemes/Schmeichel to approve the Final Draft 2023 CIP.** Commissioners Lang, Schmeichel, Hemes, and Bauman voting aye; Commissioner Boyette voting nay. Motion carried.

Director's Report –

1. Water Loss Report – Staff are taking advantage of the warmer weather by continuing city-wide leak detection efforts.
2. The RFP for the refurbishment and painting of the Cecil Street Water Tower was issued on January 9, 2023. Responses are due February 16, 2023. The RFP includes repainting the existing logo, but Director Mach requested opinions if a revised logo was desired.

**Waterworks Commission and Storm Water Citizens Advisory Board Regular Meeting Minutes
January 16, 2023
Page 2 of 2**

3. The following items were approved at the January 10, 2023 Board of Public Works meeting:
- Change Order No. 2 for Contract 11B-22 Water Service Replacement Hunt Avenue, Madison Street, and Nicolet Boulevard from Carl Bowers & Sons Construction Company, Kaukauna, WI, in the amount of \$11,235.00 for relocating water services.
 - Pay Request No. 1 for Contract 11B-22 Water Service Replacement Hunt Avenue, Madison Street, and Nicolet Boulevard from Carl Bowers & Sons Construction Company, Kaukauna, WI, for the amount of \$11,235.00 for Water services.
4. Solar installation update – December was rather cloudy and the output of the array was diminished.
5. Private lead service line replacement funding and project update – The project was going well. Director Mach will be contacting the DNR with updated principal forgiveness information.
6. The next regular Waterworks Commission meeting is scheduled for February 20, 2023.

Following discussion, **M.S.C. Bauman/Boyette to accept and place on file the Director's Report.** All voting aye.

Closed Session – **M.S.C. Boyette/Hemes to convene into closed session pursuant to Wis. Stats §19.85 (1)(e) for deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session in order to discuss negotiations relating to a proposal for alternative water metering technologies.** All voting aye. **At 5:35 p.m. the Commission convened in closed session.**

Reconvene in Open Session – **M.S.C. Hemes/Lang to convene into open session.** All voting aye. **At 5:50 p.m. the Commission reconvened in open session.**

Following discussion, **M.S.C Hemes/Lang to direct Director Mach to engage in contract discussions with Landis+Gyr for alternative water metering technologies.** All voting aye.

Any Other Business That May Legally Come Before the Commission – Commissioners asked Director Mach for updates regarding the Booster Station. Director Mach noted that the engineer's estimate was higher than his previous estimate, but staff are working diligently to keep costs as low as possible for this project. He will keep the Commission apprised of the costs.

Adjournment – **M.S.C. Bauman/Boyette to adjourn in at 5:57 p.m.** All voting aye.

Respectfully submitted,



Anthony L. Mach
Director, Neenah Water Utility

WATER UTILITY CASH ACTIVITY
January 2023
Estimate (Pre-Audit 2022)

Cash Balance January 1, 2023		\$1,401,736
Cash Receipts		
Water Collection Receipts	605,605	
Other Water Receipts	15,670	
		<u>621,275</u>
Cash Distributions		
Check Register	192,792	
WE Energies	30,617	
Disbursements to the City	<u>149,143</u>	
		<u>372,552</u>
Cash Balance January 31, 2023		<u>\$1,650,459</u>

JAN DISBURSEMENTS TO THE CITY

Payroll		\$102,303
Payroll Benefits		40,188
Utility Bills		1,134
Vehicle Fuel and Fluids		1,097
Vehicle Maintenance		286
Postage		145
IS/GIS Services		<u>3,990</u>
Total Disbursements to the City		<u>\$149,143</u>

REPLACEMENT FUND RESERVES AS OF JANUARY 2023

Sludge Lagoon		\$1,948,413
Vehicles		196,050
Painting Towers		553,995
Painting Hydrants		60,500
GAC Media Replacement		530,000
Pump Rehab		<u>68,000</u>
Total Replacement Fund Reserves		<u>\$3,356,958</u>

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
01/05/2023	530	MICHELS	444788	1,566.92	BACKFILL, COLD PATCH		Water	40000002070492
		MICHELS	444788	1,308.54	BACKFILL, COLD PATCH		Water	40004027706730
		MICHELS	445007	550.93	BACKFILL		Water	40000002070492
		MICHELS	445007	271.05	BACKFILL		Water	40004027706730
01/12/2023	533	BAKER TILLY US LLP	BT2276716	2,293.75	AUDIT SVCS TO 12/31		Water	40004017709232
01/12/2023	538	KRUEGER TRUE VALUE	146354	6.29	PAINT BRUSH		Water	40004017706650
		KRUEGER TRUE VALUE	146607	53.14	TAPE, SAW BLADES		Water	40004017706650
		KRUEGER TRUE VALUE	146651	73.30	LUMBER, HARDWARE		Water	40004027706520
		KRUEGER TRUE VALUE	146678	10.78	WHITE OUT		Water	40004017706650
		KRUEGER TRUE VALUE	146791	31.49	TORCH HEAD		Water	40004017706650
01/12/2023	541	MICHELS	445134	128.98	BACKFILL		Water	40004027706750
01/19/2023	552	DONALD HIETPAS & SONS INC	06-09-21	6,340.94	VALVE REPLACEMENT 6/9		Water	40004027706730
		DONALD HIETPAS & SONS INC	12-08-22	4,674.96	REPLACED HYD & LEAD 12/8		Water	40000002070482
01/31/2023	564	U S BANK	01-12-23/2022	73.17	TDS METROCOM	DEC TDS PHONE	Water	40004017706430
		U S BANK	01-12-23/2022	3.48	TDS METROCOM	DEC TDS PHONE	Water	40004017706630
		U S BANK	01-12-23/2022	34.84	TDS METROCOM	DEC TDS PHONE	Water	40004017706650
		U S BANK	01-12-23/2022	7.10	TDS METROCOM	DEC TDS PHONE	Water	40004017709030
		U S BANK	01-12-23/2022	9.46	TDS METROCOM	DEC TDS PHONE	Water	40004017709210
		U S BANK	01-12-23/2022	26.93	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706260
		U S BANK	01-12-23/2022	26.90	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706430
		U S BANK	01-12-23/2022	98.65	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706620
		U S BANK	01-12-23/2022	40.96	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706630
		U S BANK	01-12-23/2022	120.21	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706650
		U S BANK	01-12-23/2022	19.32	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017709020
01/26/2023	572	MCAHON	929459	13,750.00	12/4-1/1 SERVICES -	SIDE BOOSTER STATION	Water	40000002070506

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
					WEST			
01/27/2023	575	U S BANK	01-12-23/2022	2,483.25	AIRGAS USA, LLC	CARBON DIOXIDE	Water	40004017706410
		U S BANK	01-12-23/2022	66.40	AMZN MKTP US*5188Z2DS3	DRY ERASE BOARD	Water	40004017706650
		U S BANK	01-12-23/2022	59.73	CINTAS CORP	MATS/MOP TREATMENT	Water	40004017706430
		U S BANK	01-12-23/2022	59.73	CINTAS CORP	MATS/MOPS DISTRIBUTION	Water	40004017706650
		U S BANK	01-12-23/2022	92.00	EAGLE GRAPHICS LLC	EMPLOYEE RECOG/GORGES, JE	Water	40004017709270
		U S BANK	01-12-23/2022	360.00	FERGUSON ENT	0378295/LOCATING CLAMP	Water	40004017706620
		U S BANK	01-12-23/2022	4,932.00	FERGUSON ENT	0378295/SERVICE PARTS	Water	40004027706750
		U S BANK	01-12-23/2022	2,040.00	FERGUSON ENT	0378309/40 CURB BOXES	Water	40004027706750
		U S BANK	01-12-23/2022	5,672.40	KEMIRA WATER SOLUTIONS	FERRIC SULFATE	Water	40004017706410
		U S BANK	01-12-23/2022	136.55	MORTON SAFETY, LLC	HI-VISIBILITY WINTER BIBS	Water	40004017706430
		U S BANK	01-12-23/2022	18,478.80	POLYDYNE INC	C-308P	Water	40004017706410
		U S BANK	01-12-23/2022	275.76	VORPAHL FIRE & SAFETY	PPE	Water	40004017706650
		U S BANK	01-12-23/2022	28.00	WI STATE HYGIENE LAB	LAB TEST	Water	40004017706420
		U S BANK	01-12-23/2022	46.75	4TE*CULLIGAN WATER CONDIT	LAB WATER	Water	40004017706420
01/27/2023	576	U S BANK	01-12-23	70.98	AMZN MKTP US*1M53G1W83	TRIMBLE BATTERY/LOCK BOX	Water	40004017706650
		U S BANK	01-12-23	432.64	AMZN MKTP US*9M11060G3	AIR FILTERS HVAC	Water	40004027706510
		U S BANK	01-12-23	540.00	CIS BENCHMARK	CIS ESS LICENSES	Water	40004017706430
		U S BANK	01-12-23	10,615.50	HYDRITE CHEMICAL CO	SODIUM HYPOCHLORITE	Water	40004017706410
		U S BANK	01-12-23	120.00	KUNDINGER SERVICE REPAIR	HYDRAULIC VALVE REPAIR	Water	40004027706520

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
01/27/2023	576	U S BANK	01-12-23	169.00	THE HOME DEPOT #4903	SHELVING RACK	Water	40004027706520
		U S BANK	01-12-23	11.98	THE UPS STORE 2376	LAB SHIPPING	Water	40004017706420
		U S BANK	01-12-23	8.16	WAL-MART #2986	SHIPPING BOXES	Water	40004017706430
		U S BANK	01-12-23	94.94	WAL-MART #2986	VINEGAR/GARBAGE BAGS/PLAT	Water	40004027706520
01/31/2023	587	U S BANK	01-25-23	397.08	AMAZON.COM*HK6JF4713 AMZN	COMPUTER MONITORS & STORA	Water	40004017709210
		U S BANK	01-25-23	17.99	AMAZON.COM*HK6JF4713 AMZN	LAMINATING POUCHES	Water	40004017709210
		U S BANK	01-25-23	215.92	AMAZON.COM*HK6JF4713 AMZN	MONITOR WEBCAM AND SPEAKE	Water	40004017706430
		U S BANK	01-25-23	109.06	AMZN MKTP US*WA1FG2YV3	LARGE SHIPPING BOXES	Water	40004017706430
		U S BANK	01-25-23	15.00	BADGER LABORATORIES INC	LAB TEST	Water	40004017706420
		U S BANK	01-25-23	459.72	BADGER METER INC	METER READ SERVICE 12/22	Water	4000003030000
		U S BANK	01-25-23	632.00	COMPRESSOR NOW	OIL/WATER SEPARATORS	Water	40004027706510
		U S BANK	01-25-23	294.17	CRANE ENGINEERING SALES	VALVE/ACTUATOR SEAL KITS	Water	40004027706520
		U S BANK	01-25-23	408.00	DATCP E PAY PORTAL	LAB LICENSE	Water	40004017706430
		U S BANK	01-25-23	10.20	DATCP EPAY SERVICE FEE	PROCESS FEE LAB LICENSE	Water	40004017706430
		U S BANK	01-25-23	99.99	EBAY O*11-09590-18646	HVAC BLOWER MOTOR	Water	40004027706510
		U S BANK	01-25-23	969.34	HAWKINS INC	AMMONIA HYDROXIDE	Water	40004017706410
		U S BANK	01-25-23	448.79	HAWKINS INC	AQUA HAWK 307	Water	40004017706410
		U S BANK	01-25-23	1,507.28	HAWKINS INC	HYDROFLUOSILICIC ACID	Water	40004017706410
		U S BANK	01-25-23	576.06	JOHNSON CONTROLS FIRE	FIRE PROTECTION MONITORIN	Water	40004017706430
U S BANK	01-25-23	162.29	MENARDS APPLETON	ROOF	Water	40004027706520		

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
01/31/2023	587				WEST WI	PATCH/ELECTRICAL FIT		
		U S BANK	01-25-23	929.99	NEWEGG INC.	COMPUTER	Water	40004017706430
		U S BANK	01-25-23	929.99	NEWEGG INC.	COMPUTER	Water	40004017706650
		U S BANK	01-25-23	1,349.99	NEWEGG INC.	COMPUTER	Water	40004017709210
		U S BANK	01-25-23	44.99	NEWEGG INC.	COMPUTER RAM	Water	40004017709210
		U S BANK	01-25-23	38.99	NEWEGG MARKETPLACE	MONITOR STAND	Water	40004017709210
		U S BANK	01-25-23	4.94	THE HOME DEPOT #4903	BRACKETS	Water	40004027706520
		U S BANK	01-25-23	-4.94	THE HOME DEPOT #4903	REFUND BRACKETS	Water	40004027706520
		U S BANK	01-25-23	169.00	THE HOME DEPOT #4903	SHELF UNIT	Water	40004027706520
		U S BANK	01-25-23	13.58	THE UPS STORE 2376	TEST SHIPPING	Water	40004017706420
		U S BANK	01-25-23	69.94	WAL-MART #2986	PRINTER INK	Water	40004017706650
01/05/2023	56022	GRAYMONT WESTERN LIME INC	197669RI	3,099.60	HYDRATED LIME		Water	40004017706410
		GRAYMONT WESTERN LIME INC	197841RI	3,365.28	HYDRATED LIME		Water	40004017706410
		GRAYMONT WESTERN LIME INC	198144RI	3,189.80	HYDRATED LIME		Water	40004017706410
01/05/2023	56029	MULCAHY SHAW WATER INC	324734	264.86	UV HYDRAULIC OILS	ACTI-CLEAN	Water	40004027706520
01/05/2023	56043	STRAND ASSOCIATES INC	191127	848.40	NOV SERVICES-WATER DIST	CAPACITY & GROWTH STUDY	Water	40004017709230
01/12/2023	56052	BRAZEE ACE HARDWARE	56245	90.96	BALL VALVES		Water	40004017706630
01/12/2023	56058	GRAYMONT WESTERN LIME INC	195599RI	3,286.56	HYDRATED LIME		Water	40004017706410
01/12/2023	56070	MULCAHY SHAW WATER INC	324732	321.26	UV VALVE/COILS		Water	40004027706520
01/12/2023	56075	RIVER MANAGEMENT LLC	000040727	148.01	OVERPD FINAL ACCOUNT	000024874	Water	40000003070000
01/12/2023	56077	RUCHTI, BRANDON	000029829	64.76	OVERPD FINAL ACCOUNT	000004768	Water	40000003070000
01/12/2023	56087	VANDYNHOVEN, JEANNINE	000037517	47.96	OVERPD FINAL ACCOUNT	000008614	Water	40000003070000
01/12/2023	56090	WESTWOOD INFRASTRUCTURE INC	3221200097	599.00	SERVICES THRU 11/26 -	LAGOON SURVEY	Water	40004027706510
01/12/2023	56096	WISCONSIN EMERGENCY MANAGEMENT	233102	730.00	WHOPRS TIER II FEE		Water	40004017706430

WATER UTILITY CHECK REGISTER

AP Payment Date	AP Payment Number	AP Vendor Name	AP Invoice Number	AP Transaction Amount	AP Description 01	AP Description 02	Fund Description	Account Number
01/19/2023	56112	MUNICIPAL WELL & PUMP	20139	5,890.00	HS #5 REMOVAL/INSPECTION		Water	4000002070494
01/19/2023	56122	SCHMIRLER, TOM	000021439	76.32	OVERPD FINAL ACCOUNT	000013716	Water	4000003070000
01/19/2023	56124	STRAND ASSOCIATES INC	192040	577.62	DEC SERVICES-WATER DIST	CAPACITY GROWTH STUDY	Water	40004017709230
01/19/2023	56125	UW MILWAUKEE	8156	1,100.00	ARCHAEOLOGICAL SERVICES-	MAIN BREAK	Water	40004017709230
01/19/2023	56127	VAN RITE PLUMBING INC	9250	59,500.00	CITY SIDE LEAD REPLACEMNT		Water	4000002070492
01/19/2023	56133	WRWA	2644	220.00	SAFETY TRAINING 2/7 -	SCHULZ/PREISSNER	Water	40004017709270
01/26/2023	56136	ADVOCAP INC	000012545	554.29	OVERPD FINAL ACCOUNT	000009612	Water	4000003070000
01/26/2023	56143	CARL BOWERS & SONS CONSTRUCTION CO	103	11,235.00	WATER SERVICE REPLACEMENT		Water	4000002070492
01/26/2023	56145	DIVERSIFIED BENEFIT SERVICES INC	370889	40.80	ANNUAL HRA RENEWAL/	SET-UP	Water	40004017709260
		DIVERSIFIED BENEFIT SERVICES INC	370889	75.65	JAN HRA SERVICES		Water	40004017709260
01/26/2023	56149	GRAYMONT WESTERN LIME INC	35198674RI	4,017.66	HYDRATED LIME		Water	40004017706410
01/26/2023	56161	PREMIER RE MGMT LLC	000025237	17.25	OVERPD FINAL ACCOUNT	000024538	Water	4000003070000
		PREMIER RE MGMT LLC	000034225	80.00	OVERPD FINAL ACCOUNT	000024538	Water	4000003070000
01/26/2023	56164	SECURITY LUEBKE ROOFING INC	C7023821	1,400.00	DOWNSPOUT EXTENSIONS &	REPAIRS	Water	40004027706510
01/26/2023	56165	SUPERION LLC	368318	3,764.93	SAAS FEE 2023		Water	40004017709030
Overall - Total				192,791.99				



Neenah Water Utility

211 Walnut St. PO Box 426 Neenah, WI 54957-0426

Office: (920) 886-6182 Cell: (920) 858-6300

Email: amach@ci.neenah.wi.us

Anthony L. Mach

Director of Neenah Water Utility

MEMORANDUM

DATE: February 16, 2023
TO: Waterworks Commission
FROM: Anthony L. Mach
RE: Award Contract 2-23 for Sewer, Water Main & Water Services, and Street Construction on Brantwood Dr., Brantwood Ct., Charles Ct., Hughes Ct., Memorial Ct., and Patrick Ct.

Contract 2-23 for Sewer, Water Main & Water Services, and Street Construction on Brantwood Dr., Brantwood Ct., Charles Ct., Hughes Ct., Memorial Ct., and Patrick Ct. has been recommended for award at the February 9, 2023 Board of Public Works meeting. Nine bids were received.

Staff recommends awarding Contract 2-23 Sewer, Water Main & Water Services, and Street Construction on Brantwood Dr., Brantwood Ct., Charles Ct., Hughes Ct., Memorial Ct., and Patrick Ct. to Dave Tenor Corporation of Green Bay, WI in the amount of \$1,077,298.50.

Contract 2-23
Sewer, Water Main & Water Services, and Street Construction
Brantwood Dr, Brantwood Ct, Charles Ct, Hughes Ct, Memorial Ct and Patrick Ct

Line Item	Item Code	Item Description	UofM	QTY	Engineer Estimate Unit Price	Extension	David Tenor Corporation Unit Price	Extension	Carl Bowers & Sons Const Co. Inc. Unit Price	Extension	Robert Immel Excavating Unit Price	Extension	Don Hietpas and Sons Inc. Unit Price	Extension	Wood Sewer & Excavating Unit Price	Extension	Kruczek Construction Inc. Unit Price	Extension	De Groot Inc Unit Price	Extension	Dorner Inc. Unit Price	Extension	Don E Parker Excavating Unit Price	Extension
Base Bid Sanitary																								
1	103.1	Furnish and Pipeburst 4-inch Sanitary Lateral	Lin. Ft.	380	\$15.00	\$5,700.00	\$5.10	\$1,938.00	\$5.00	\$1,900.00	\$5.00	\$1,900.00	\$5.05	\$1,919.00	\$5.10	\$1,938.00	\$5.00	\$1,900.00	\$5.15	\$1,957.00	\$5.30	\$2,014.00	\$5.25	\$1,995.00
2	103.4	Reconnect Under Basement Floor - Pipeburst	Each	6	\$2,000.00	\$12,000.00	\$2,550.00	\$15,300.00	\$2,500.00	\$15,000.00	\$2,500.00	\$15,000.00	\$2,525.00	\$15,150.00	\$2,536.00	\$15,216.00	\$3,900.00	\$23,400.00	\$2,600.75	\$15,604.50	\$2,639.00	\$15,834.00	\$2,625.00	\$15,750.00
3	105.2	Adjust Sanitary Manhole	Each	13	\$600.00	\$7,800.00	\$400.00	\$5,200.00	\$500.00	\$6,500.00	\$575.00	\$7,475.00	\$600.00	\$7,800.00	\$606.00	\$7,878.00	\$500.00	\$6,500.00	\$813.05	\$10,569.65	\$659.00	\$8,567.00	\$950.00	\$12,350.00
4	105.2N	Furnish and install Chimney Seal	Eash	13	\$500.00	\$6,500.00	\$410.00	\$5,330.00	\$500.00	\$6,500.00	\$600.00	\$7,800.00	\$510.00	\$6,630.00	\$674.00	\$8,762.00	\$450.00	\$5,850.00	\$414.10	\$5,383.30	\$424.00	\$5,512.00	\$510.00	\$6,630.00
Total Sanitary Sewer						\$32,000.00	\$27,768.00	\$29,900.00	\$32,175.00	\$31,499.00	\$33,794.00	\$37,650.00	\$33,514.45	\$31,927.00	\$36,725.00									
Base Bid Water																								
5	201.1.1	Furnish & Install 6-inch PVC C-900 Main	Lin. Ft.	60	\$80.00	\$4,800.00	\$184.00	\$11,040.00	\$142.00	\$8,520.00	\$225.00	\$13,500.00	\$135.00	\$8,100.00	\$129.00	\$7,740.00	\$211.00	\$12,660.00	\$79.54	\$4,772.40	\$150.00	\$9,000.00	\$236.45	\$14,187.00
6	201.1.2	Furnish & Install 8-inch PVC C-900 Main	Lin. Ft.	3080	\$85.00	\$261,800.00	\$83.00	\$255,640.00	\$84.00	\$258,720.00	\$85.25	\$262,570.00	\$88.76	\$273,380.80	\$89.50	\$275,660.00	\$90.00	\$277,200.00	\$95.20	\$293,216.00	\$100.00	\$308,000.00	\$91.20	\$280,896.00
7	201.1.2N	Furnish & Install 1.25-inch PE Service in ROW from main to shutoff by Trenching / Pulling / Boring	Lin. Ft.	2000	\$65.00	\$130,000.00	\$59.00	\$118,000.00	\$57.00	\$114,000.00	\$58.50	\$117,000.00	\$59.00	\$118,000.00	\$49.00	\$98,000.00	\$57.00	\$114,000.00	\$65.52	\$131,040.00	\$62.00	\$124,000.00	\$84.15	\$168,300.00
8	202.7.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Pulling w/Sanitary Sewer Pipeburst	Lin. Ft.	100	\$10.00	\$1,000.00	\$5.10	\$510.00	\$50.00	\$5,000.00	\$5.00	\$500.00	\$5.05	\$505.00	\$6.70	\$670.00	\$3.00	\$300.00	\$8.32	\$832.00	\$5.30	\$530.00	\$5.25	\$525.00
9	202.9.2	Furnish & Install 1.25-inch Service Brass Set	Each	77	\$700.00	\$53,900.00	\$600.00	\$46,200.00	\$700.00	\$53,900.00	\$580.00	\$44,660.00	\$510.00	\$39,270.00	\$618.00	\$47,586.00	\$536.00	\$41,272.00	\$1,255.43	\$96,668.11	\$696.00	\$53,592.00	\$734.00	\$56,518.00
10	203.1.1	Furnish & Install Cathodic Protection to Water Service	Each	77	\$200.00	\$15,400.00	\$143.00	\$11,011.00	\$150.00	\$11,550.00	\$120.00	\$9,240.00	\$120.00	\$9,240.00	\$125.00	\$9,625.00	\$79.50	\$6,121.50	\$169.68	\$13,065.36	\$147.00	\$11,319.00	\$225.00	\$17,325.00
11	203.1.3	Water Service Connection to Structure	Each	2	\$750.00	\$1,500.00	\$510.00	\$1,020.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$505.00	\$1,010.00	\$2,355.00	\$4,710.00	\$1,660.00	\$3,320.00	\$676.20	\$1,352.40	\$528.00	\$1,056.00	\$525.00	\$1,050.00
12	203.1.6	Abandon Valve Box	Each	11	\$500.00	\$5,500.00	\$150.00	\$1,650.00	\$150.00	\$1,650.00	\$200.00	\$2,200.00	\$200.00	\$2,200.00	\$300.00	\$3,300.00	\$130.00	\$1,430.00	\$151.50	\$1,666.50	\$132.00	\$1,452.00	\$200.00	\$2,200.00
13	204.2.4	Furnish & Install 8-inch MJRW Valve and Box	Each	7	\$2,500.00	\$17,500.00	\$2,915.00	\$20,405.00	\$3,000.00	\$21,000.00	\$2,520.00	\$17,640.00	\$2,550.00	\$17,850.00	\$3,256.00	\$22,792.00	\$2,825.00	\$19,775.00	\$3,268.07	\$22,876.49	\$3,154.00	\$22,078.00	\$2,834.00	\$19,838.00
14	204.1.3	Furnish & Install 6-inch Live Tap and Valve	Each	2	\$5,000.00	\$10,000.00	\$4,100.00	\$8,200.00	\$4,000.00	\$8,000.00	\$5,580.00	\$11,160.00	\$6,000.00	\$12,000.00	\$4,069.00	\$8,138.00	\$4,300.00	\$8,600.00	\$5,368.15	\$10,736.30	\$6,406.00	\$12,812.00	\$5,588.00	\$11,176.00
15	204.1.4	Furnish & Install 8-inch Live Tap and Valve	Each	2	\$7,000.00	\$14,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$6,370.00	\$12,740.00	\$6,800.00	\$13,600.00	\$5,106.00	\$10,212.00	\$5,200.00	\$10,400.00	\$6,285.23	\$12,570.46	\$7,512.00	\$15,024.00	\$6,359.00	\$12,718.00
16	205.1	Furnish & Install Hydrant, Lead and Valve	Each	9	\$7,500.00	\$67,500.00	\$8,250.00	\$74,250.00	\$8,000.00	\$72,000.00	\$7,290.00	\$65,610.00	\$7,500.00	\$67,500.00	\$8,781.00	\$79,029.00	\$8,300.00	\$74,700.00	\$8,831.77	\$79,485.93	\$8,694.00	\$78,246.00	\$8,025.00	\$72,225.00
17	205.2	Abandon Hydrant	Each	4	\$500.00	\$2,000.00	\$350.00	\$1,400.00	\$400.00	\$1,600.00	\$200.00	\$800.00	\$400.00	\$1,600.00	\$336.00	\$1,344.00	\$250.00	\$1,000.00	\$555.50	\$2,222.00	\$452.00	\$1,808.00	\$250.00	\$1,000.00
Total Water						\$584,900.00	\$559,326.00	\$566,940.00	\$558,620.00	\$564,255.80	\$568,806.00	\$570,778.50	\$670,503.95	\$638,917.00	\$657,958.00									
Base Bid Storm																								
18	301.4	Furnish and Relay 10-inch Storm Sewer	Lin. Ft.	33	\$65.00	\$2,145.00	\$60.00	\$1,980.00	\$65.00	\$2,145.00	\$59.50	\$1,963.50	\$48.00	\$1,584.00	\$50.00	\$1,650.00	\$59.00	\$1,947.00	\$93.22	\$3,076.26	\$65.00	\$2,145.00	\$100.15	\$3,304.95
19	305.1	Furnish and Install Catch Basin	Each	1	\$2,250.00	\$2,250.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,625.00	\$2,625.00	\$2,350.00	\$2,350.00	\$2,298.00	\$2,298.00	\$2,370.50	\$2,370.50	\$3,030.00	\$3,030.00	\$2,163.00	\$2,163.00	\$3,050.00	\$3,050.00
20	305.8	Adjust Storm Catch Basin	Each	18	\$400.00	\$7,200.00	\$350.00	\$6,300.00	\$400.00	\$7,200.00	\$650.00	\$11,700.00	\$675.00	\$12,150.00	\$471.00	\$8,478.00	\$500.00	\$9,000.00	\$909.00	\$16,362.00	\$659.00	\$11,862.00	\$700.00	\$12,600.00
21	305.9	Remove Storm Catch Basin	Each	1	\$350.00	\$350.00	\$300.00	\$300.00	\$250.00	\$250.00	\$375.00	\$375.00	\$200.00	\$200.00	\$269.00	\$269.00	\$268.00	\$268.00	\$404.00	\$404.00	\$280.00	\$280.00	\$450.00	\$450.00
22	306.8	Adjust Storm Manhole	Each	12	\$450.00	\$5,400.00	\$375.00	\$4,500.00	\$400.00	\$4,800.00	\$575.00	\$6,900.00	\$600.00	\$7,200.00	\$538.00	\$6,456.00	\$508.00	\$6,096.00	\$808.00	\$9,696.00	\$659.00	\$7,908.00	\$950.00	\$11,400.00
23	308.2.4	Install and Maintain Type "D" Inlet Protection	Each	22	\$125.00	\$2,750.00	\$95.00	\$2,090.00	\$100.00	\$2,200.00	\$90.00	\$1,980.00	\$88.88	\$1,955.36	\$91.50	\$2,013.00	\$218.00	\$4,796.00	\$101.00	\$2,222.00	\$106.00	\$2,332.00	\$84.00	\$1,848.00
Total Storm Sewer						\$20,095.00	\$17,170.00	\$18,595.00	\$25,543.50	\$25,439.36	\$21,164.00	\$24,477.50	\$34,790.26	\$26,690.00	\$32,652.95									
Base Bid HMA																								
24	402.2.6.2	Remove Existing Pavement and Maintain Utility Trench Sawcut Existing Bituminous Pavement	Lin. Ft.	5000	\$2.00	\$10,000.00	\$0.50	\$2,500.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$2.00	\$10,000.00	\$0.70	\$3,500.00	\$1.00	\$5,000.00	\$1.26	\$6,300.00	\$1.30	\$6,500.00	\$2.14	\$10,700.00
25	405.1	Remove Existing Bituminous Pavement	Lin. Ft.	500	\$2.00	\$1,000.00	\$1.50	\$750.00	\$2.00	\$1,000.00	\$1.25	\$625.00	\$2.50	\$1,250.00	\$2.00	\$1,000.00	\$1.25	\$625.00	\$2.53	\$1,265.00	\$2.40	\$1,200.00	\$2.25	\$1,125.00
26	402.2.6.1	Remove Existing Bituminous Pavement	Sq. Yd.	13500	\$2.00	\$27,000.00	\$0.81	\$10,935.00	\$1.00	\$13,500.00	\$0.85	\$11,475.00	\$0.80	\$10,800.00	\$0.81	\$10,935.00	\$0.80	\$10,800.00	\$0.83	\$11,205.00	\$1.70	\$22,950.00	\$0.84	\$11,340.00
27	403.2.5.1	Remove Concrete Curb and Gutter	Lin. Ft.	850	\$5.00	\$4,250.00	\$5.05	\$4,292.50	\$8.00	\$6,800.00	\$1.25	\$1,062.50	\$5.00	\$4,250.00	\$1.00	\$850.00	\$1.30	\$1,105.00	\$5.15	\$4,377.50	\$2.60	\$2,210.00	\$5.25	\$4,462.50

Contract 2-23
Sewer, Water Main & Water Services, and Street Construction
Brantwood Dr, Brantwood Ct, Charles Ct, Hughes Ct, Memorial Ct and Patrick Ct

Line Item	Item Code	Item Description	UofM	QTY	Engineer Estimate Unit Price	Extension	David Tenor Corporation Unit Price	Extension	Carl Bowers & Sons Const Co. Inc. Unit Price	Extension	Robert Immel Excavating Unit Price	Extension	Don Hietpas and Sons Inc. Unit Price	Extension	Wood Sewer & Excavating Unit Price	Extension	Kruczek Construction Inc. Unit Price	Extension	De Groot Inc Unit Price	Extension	Dorner Inc. Unit Price	Extension	Don E Parker Excavating Unit Price	Extension
28	404.4.5	Remove Concrete Sidewalk/Driveway Apron	Sq. Ft.	1000	\$1.75	\$1,750.00	\$2.53	\$2,530.00	\$1.00	\$1,000.00	\$0.85	\$850.00	\$2.50	\$2,500.00	\$1.70	\$1,700.00	\$0.90	\$900.00	\$2.58	\$2,580.00	\$0.75	\$750.00	\$2.63	\$2,630.00
29	402.1.7.4	Unclassified Excavation	Cu. Yd.	5000	\$14.00	\$70,000.00	\$12.53	\$62,650.00	\$12.00	\$60,000.00	\$7.65	\$38,250.00	\$12.40	\$62,000.00	\$7.50	\$37,500.00	\$7.55	\$37,750.00	\$12.78	\$63,900.00	\$15.50	\$77,500.00	\$13.02	\$65,100.00
30	401.1.1	Furnish and Install Crushed Aggregate Base	Ton	6000	\$13.00	\$78,000.00	\$9.65	\$57,900.00	\$12.40	\$74,400.00	\$13.80	\$82,800.00	\$9.55	\$57,300.00	\$13.50	\$81,000.00	\$13.70	\$82,200.00	\$9.84	\$59,040.00	\$15.50	\$93,000.00	\$10.02	\$60,120.00
31	402.1.4.1	Furnish and Install Geogrid	Sq. Yd.	9000	\$2.50	\$22,500.00	\$2.02	\$18,180.00	\$1.60	\$14,400.00	\$1.60	\$14,400.00	\$2.00	\$18,000.00	\$1.60	\$14,400.00	\$1.60	\$14,400.00	\$2.06	\$18,540.00	\$1.75	\$15,750.00	\$2.10	\$18,900.00
32	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	500	\$1.50	\$750.00	\$2.04	\$1,020.00	\$2.00	\$1,000.00	\$2.05	\$1,025.00	\$2.00	\$1,000.00	\$2.30	\$1,150.00	\$0.20	\$100.00	\$2.06	\$1,030.00	\$2.10	\$1,050.00	\$2.10	\$1,050.00
33	402.1.5.3	Fine Grade Roadway	Sq. Yd.	13500	\$2.00	\$27,000.00	\$1.88	\$25,380.00	\$1.85	\$24,975.00	\$1.90	\$25,650.00	\$1.87	\$25,245.00	\$1.90	\$25,650.00	\$1.90	\$25,650.00	\$1.91	\$25,785.00	\$2.00	\$27,000.00	\$1.95	\$26,325.00
34	402.2.3.1	Furnish and Install HMA Pavement (4-inch)	Ton	3100	\$80.00	\$248,000.00	\$75.38	\$233,678.00	\$74.00	\$229,400.00	\$75.25	\$233,275.00	\$74.64	\$231,384.00	\$75.00	\$232,500.00	\$75.35	\$233,585.00	\$76.13	\$236,003.00	\$78.00	\$241,800.00	\$77.60	\$240,560.00
35	403.2.1.1	Furnish and Install Concrete Curb & Gutter	Lin. Ft.	850	\$45.00	\$38,250.00	\$30.60	\$26,010.00	\$30.00	\$25,500.00	\$49.20	\$41,820.00	\$49.00	\$41,650.00	\$50.50	\$42,925.00	\$49.00	\$41,650.00	\$49.45	\$42,032.50	\$50.70	\$43,095.00	\$52.75	\$44,837.50
36	404.1.1	Furnish and Install 4" Concrete Sidewalk	Sq. Ft.	250	\$7.00	\$1,750.00	\$6.38	\$1,595.00	\$6.25	\$1,562.50	\$9.25	\$2,312.50	\$10.00	\$2,500.00	\$11.00	\$2,750.00	\$10.00	\$2,500.00	\$9.27	\$2,317.50	\$9.50	\$2,375.00	\$10.45	\$2,612.50
37	404.3.2	Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	750	\$8.00	\$6,000.00	\$7.40	\$5,550.00	\$7.25	\$5,437.50	\$10.25	\$7,687.50	\$10.00	\$7,500.00	\$11.50	\$8,625.00	\$10.00	\$7,500.00	\$10.30	\$7,725.00	\$10.60	\$7,950.00	\$11.50	\$8,625.00
38	706.2	Install Detectable Warning Fields (supplied by City)	Each	4	\$60.00	\$240.00	\$51.00	\$204.00	\$50.00	\$200.00	\$50.00	\$200.00	\$50.00	\$200.00	\$60.50	\$242.00	\$51.00	\$204.00	\$51.51	\$206.04	\$53.00	\$212.00	\$52.50	\$210.00
39	505.1	Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	500	\$10.00	\$5,000.00	\$8.97	\$4,485.00	\$10.00	\$5,000.00	\$8.50	\$4,250.00	\$9.25	\$4,625.00	\$18.50	\$9,250.00	\$8.25	\$4,125.00	\$11.11	\$5,555.00	\$9.70	\$4,850.00	\$10.50	\$5,250.00
40	706.1	Install and Maintain Traffic Control	Lump Sum	1	\$50,000.00	\$50,000.00	\$15,375.00	\$15,375.00	\$4,200.00	\$4,200.00	\$12,000.00	\$12,000.00	\$8,242.00	\$8,242.00	\$12,271.00	\$12,271.00	\$26,000.00	\$26,000.00	\$5,050.00	\$5,050.00	\$5,279.00	\$5,279.00	\$19,860.00	\$19,860.00
Total HMA Street						\$591,490.00	\$473,034.50	\$473,375.00	\$482,682.50	\$488,446.00	\$486,248.00	\$494,094.00	\$492,911.54	\$553,471.00	\$523,707.50									
Total Base Bid						\$1,228,485.00	\$1,077,298.50	\$1,088,810.00	\$1,099,021.00	\$1,109,640.16	\$1,110,012.00	\$1,127,000.00	\$1,231,720.20	\$1,251,005.00	\$1,251,043.45									



Neenah Water Utility

211 Walnut St. PO Box 426 Neenah, WI 54957-0426

Office: (920) 886-6182 Cell: (920) 858-6300

Email: amach@ci.neenah.wi.us

Anthony L. Mach

Director of Neenah Water Utility

MEMORANDUM

DATE: February 15, 2023
TO: Waterworks Commission
FROM: Anthony L. Mach
RE: Fourth Amendment to the Verizon Lease

Verizon representatives contacted the Utility in order to propose installing additional antennas on the Industrial Tower. Upon review of the existing lease, staff engaged in negotiations with Verizon and both parties settled on a \$125 increase in monthly rent upon installation of the new equipment and reimbursement of engineering review and inspection costs up to \$6,000. Also, staff discovered that Verizon was not paying the full amount of the lease as required in the Third Amendment. In good faith, Verizon will reimburse the Water Utility for all back rent due from November of 2018 until January of 2023.

Staff recommend approval of the Fourth Amendment to the Verizon Lease.

FOURTH AMENDMENT TO WATER TANK/LAND LEASE AGREEMENT

THIS FOURTH AMENDMENT NUMBER TO WATER TANK/LAND LEASE AGREEMENT (this “Fourth Amendment”) is made and entered into this ____ day of _____, 2023, by and between the City of Neenah, a Wisconsin municipal corporation (“Lessor”) and Alltel Corporation d/b/a Verizon Wireless as successor to Appleton-Oshkosh-Neenah MSA Limited Partnership d/b/a Verizon Wireless (“Lessee”).

WITNESSETH:

WHEREAS, Lessor and Lessee entered into a Water Tank/Land Lease and Option Agreement dated June 11, 1999 (the “Lease”), which was amended by that certain First Amendment to Tower Site Agreement dated August 1, 2002 (“First Amendment”), as further amended by that certain Second Amendment to Water Tank/ Land Lease Agreement dated May 18, 2015 (“Second Amendment”); and by that certain Third Amendment to Water Tank/ Land Lease Agreement (“Third Amendment”) dated September 5, 2018 (collectively, the “Agreement”), which provides for the installation and operation of Lessee’s communications facility at the real property and on the water tank (“Water Tower”) owned by Lessor located at County Trunk Highway G, City of Neenah, County of Winnebago, State of Wisconsin (the “Property”); and,

WHEREAS, Lessor and Lessee desire to amend certain of the terms and conditions contained in the Agreement as set forth herein.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, Lessor and Lessee agree as follows:

1. Except as specifically amended in this Amendment, the Agreement has not been otherwise amended, and remain in full force and effect as the entire agreement of the Parties with respect to the subject matter.

2. **Equipment & Antennas.** Exhibit “C-2” to the Third Amendment shall be deleted in its entirety and replaced with Exhibit “C-3” attached hereto, which reflects the modified equipment that Lessee shall be permitted to install and operate under the Lease. No additional ground space is necessary to accommodate the additional equipment. Lessee shall be permitted to maintain the antennas on the Water Tower, together with such ancillary equipment as depicted in Exhibit “C-3”. Provided that Lessee has received all necessary permits and approvals from the appropriate governing bodies, Lessee may immediately commence installation of its modified equipment as depicted in Exhibit “C-3.” Lessor agrees that the installation plan depicted in Exhibit “C-3” is acceptable and no further consent from Lessor is required.

3. **Rent.** Commencing on the first day of the month following commencement of installation of Lessee’s modified equipment, the monthly rent due from Lessee to Lessor shall increase by One Hundred Twenty-Five and No/100 dollars (\$125.00) per month. The rent shall continue to increase at each Renewal Term and Additional Extension Term (as defined herein), if any, at the rate as set forth in the Agreement.

4. **Lessor’s Inspections.** Lessor shall have the right to retain a qualified consulting firm experienced with both water storage tanks and antenna installations to review Lessee’s proposed drawings and specifications, installation procedures and specifications. The consultant will perform, as necessary, inspections at times during Lessee’s construction and upon project completion as a final inspection. All costs for the required review and inspection services will be paid by Lessee, in an amount not to exceed Six

Verizon Site Name: SW Neenah WT
Verizon Site No.: 226440

Thousand and 00/100 Dollars (\$6,000.00), which shall be due and payable within 60-days of receipt of a detailed invoice from Lessor.

5. **Term Extension.** Commencing on upon the expiration of the current Renewal Term, Lessee shall have the right to extend the term of the Agreement for three (3) additional five (5) year terms (each an "Additional Extension Term"), which each Additional Extension Term shall be deemed automatically exercised unless Lessee terminates the Agreement at the end of the then current Renewal Term or any Additional Extension Term by giving Lessor written notice of its intent to terminate at least three (3) months prior to the end of the then current term.

6. **Notices.** Although the method for delivering proper notice shall continue as set forth in Section 10 of the Lease, the notice address for the Lessee shall be revised as follows:

Lessee: Alltel Corporation
d/b/a Verizon Wireless
180 Washington Valley Road
Bedminster, New Jersey 07921
Attention: Network Real Estate

IN WITNESS WHEREOF, the parties have executed this Amendment as of the day and year first written above.

LESSOR:

CITY OF NEENAH

By: _____
Name: _____
Title: _____
Date: _____

LESSEE:

Alltel Corporation d/b/a Verizon Wireless

By: _____
Name: _____
Its: _____
Date: _____

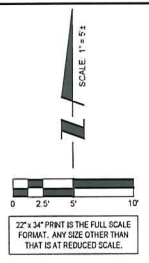
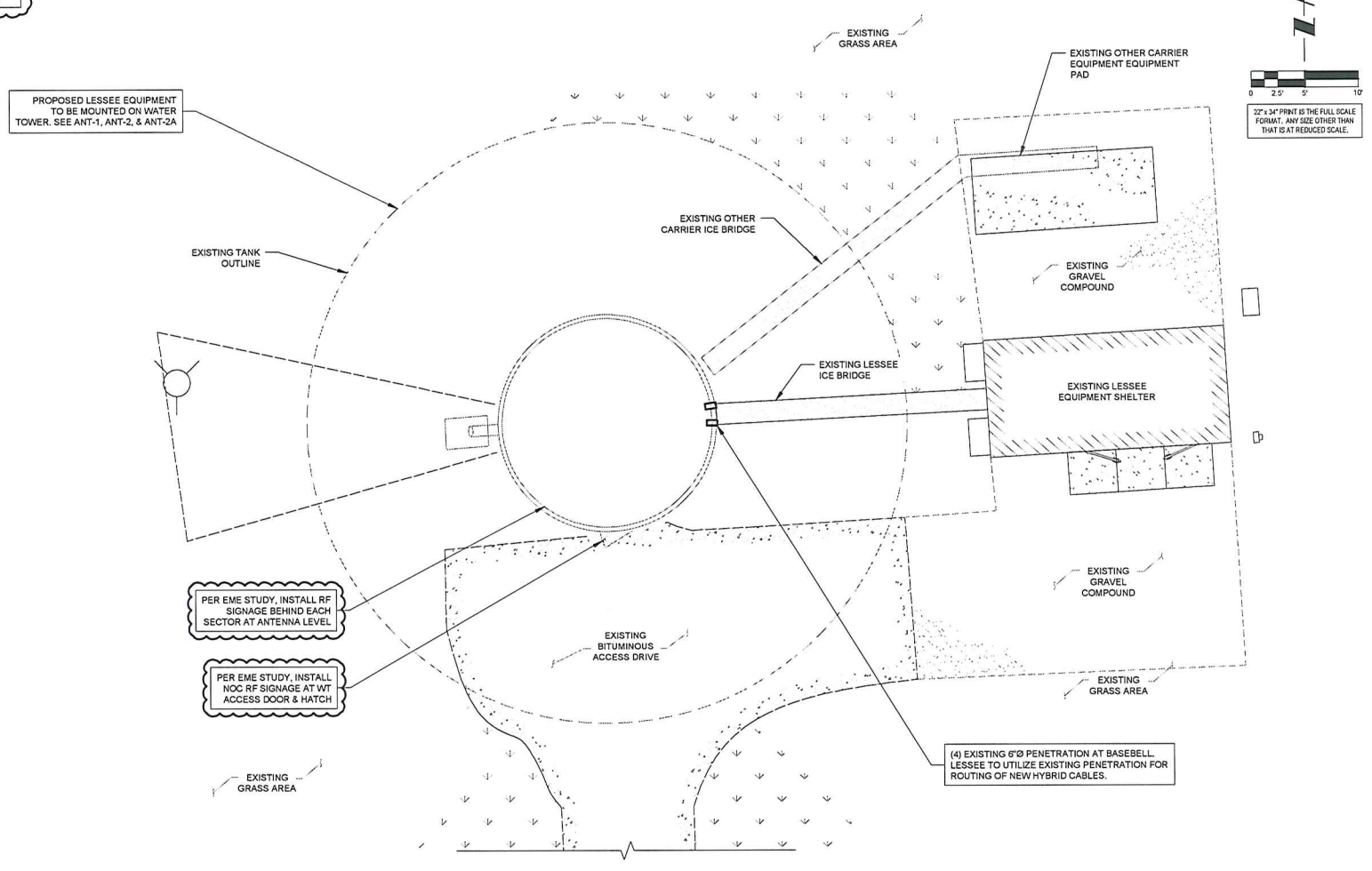
Verizon Site Name: SW Neenah WT
Verizon Site No.: 226440

EXHIBIT C-3

Lessee's Equipment on the Premises

(See Attached Drawings)

G.C. TO COORDINATE W/ LESSEE COMPLIANCE, CONSTRUCTION & RF MANAGER FOR PROPER INSTALLATION OF RF SIGNAGE & CHAIN BARRIERS



PER EME STUDY, INSTALL RF SIGNAGE BEHIND EACH SECTOR AT ANTENNA LEVEL

PER EME STUDY, INSTALL NOC RF SIGNAGE AT WT ACCESS DOOR & HATCH

(4) EXISTING 6"Ø PENETRATION AT BASEBELL. LESSEE TO UTILIZE EXISTING PENETRATION FOR ROUTING OF NEW HYBRID CABLES.

THIS SITE PLAN WAS CREATED OFF OF FIELD MEASUREMENTS BY THE DESIGNER, AS BOUNDARY SURVEY WAS NOT SUPPLIED FOR PURPOSES OF SITE LAYOUT.

1 SITE LAYOUT

verizon
 1701 GOLF ROAD,
 ROLLING MEADOWS, IL 60008
 PHONE: (847) 619-5397
 FAX: (847) 709-7415

TERRA
 CONSULTING ENGINEERS
 1000 W. WISCONSIN AVENUE
 PARK RIDGE, IL 60068
 PH: 847-498-4400
 FAX: 847-995-1501

NO.	DATE	BY	DESCRIPTION
1	10/20/22	TH	ISSUED FOR PERMITS
	10/20/22	JAS	ISSUED FOR PERMITS

LOC. # 226440
 SW NEENAH
 WI

2492 TOWER VIEW DRIVE
 NEENAH, WI 54956

DRAWN BY:	TH
CHECKED BY:	AU
DATE:	06/10/2022
PROJECT #:	124-1931

SHEET TITLE
 SITE LAYOUT

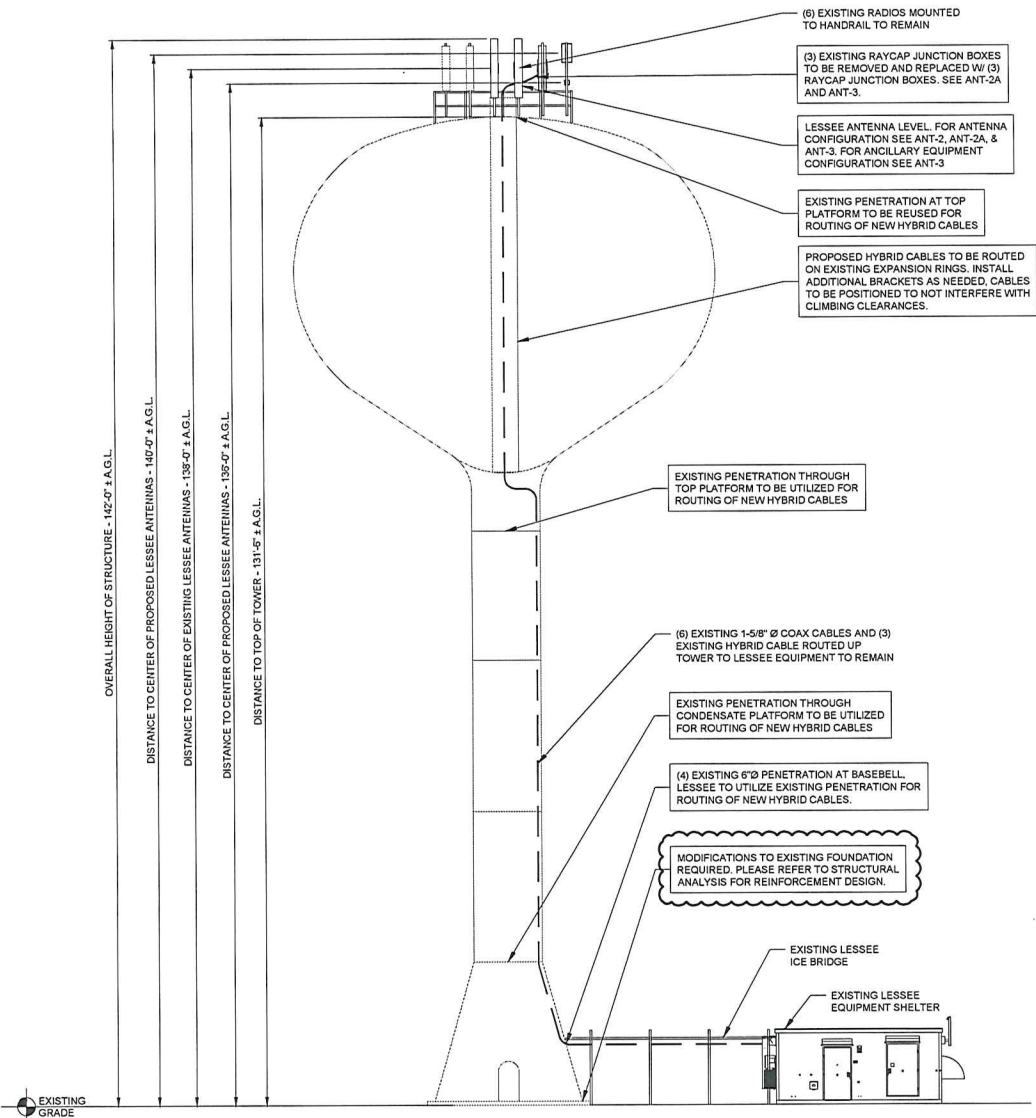
SHEET NUMBER
C-1

NOTES:
THIS DRAWING IS FOR EXHIBIT AND LAYOUT PURPOSES ONLY.

PLEASE REFER TO TOWER AND MOUNT ANALYSIS PROVIDED BY KRECH QJARD & ASSOCIATES, PA.

TOWER MODIFICATIONS REQUIRED. NO ANTENNA OR LINE WORK TO BEGIN PRIOR TO COMPLETION OF REINFORCEMENT INSTALLATION.

FULL SCALE PRINT IS ON 22"x34" MEDIA
HALF SCALE PRINT IS ON 11"x17" MEDIA



1 SOUTH ELEVATION
SCALE: 1/8" = 1'-0" ±

verizon
1701 GOLF ROAD,
ROLLING MEADOWS, IL 60008
PHONE: (847) 819-5397
FAX: (847) 709-7415

TERRA
STRUCTURAL ENGINEERING
1000 W. WISCONSIN AVENUE
P.O. BOX 1000
PARK RIDGE, IL 60064
TEL: 847-634-4400
FAX: 847-661-6501

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	10/20/22	TH	ISSUED FOR REVIEW
1			ISSUED FOR PAUL

LOC. # 226440
SW NEENAH
WI

2492 TOWER VIEW DRIVE
NEENAH, WI 54956

DRAWN BY:	TH
CHECKED BY:	AJ
DATE:	06/10/2022
PROJECT #:	124-1931

SHEET TITLE
SITE
ELEVATION

SHEET NUMBER
ANT-1

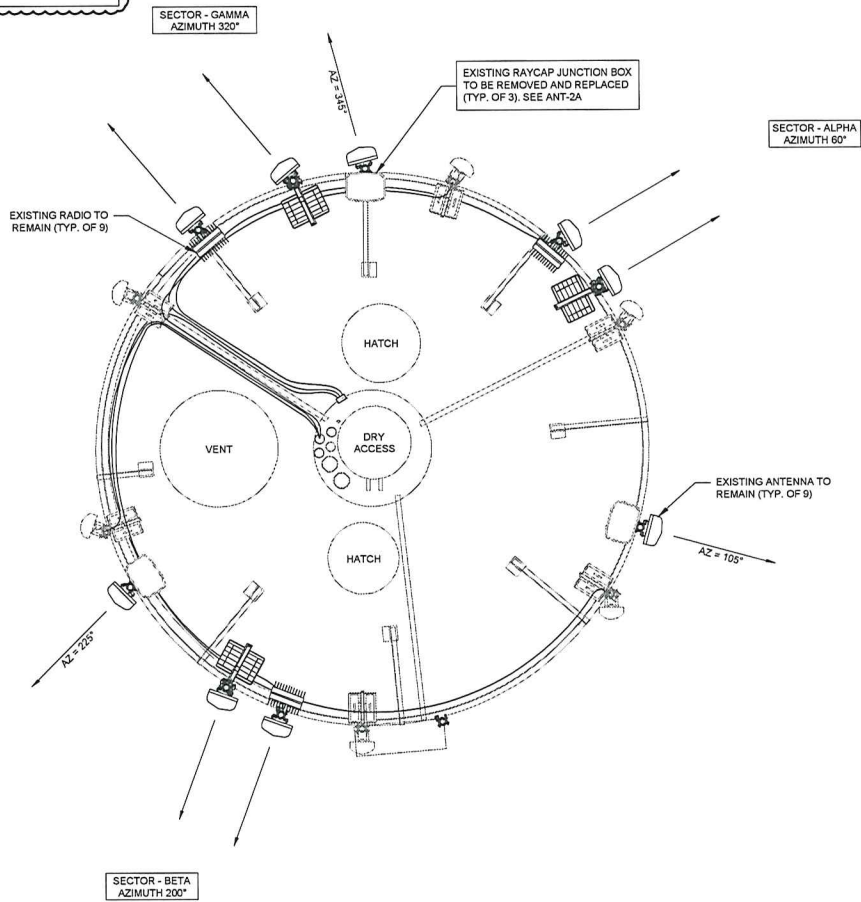
NOTES:

1. THIS DRAWING IS FOR EXHIBIT AND LAYOUT PURPOSES ONLY.
2. NO ANTENNA OR LINE WORK TO BEGIN PRIOR TO CONFIRMATION OF ADEQUATE TOWER AND MOUNT CAPACITY.
3. G.C. TO VERIFY ANTENNA TECHNOLOGIES PRIOR TO REMOVAL OF ANY ANTENNAS.
4. REFER TO ANT-3 & ANT-3A FOR DETAIL ON EXISTING & PROPOSED RF CONFIGURATION.

NOTES:
THIS DRAWING IS FOR EXHIBIT AND LAYOUT PURPOSES ONLY.

PLEASE REFER TO TOWER AND MOUNT ANALYSIS PROVIDED BY KRECH OJARD & ASSOCIATES, PA.

TOWER MODIFICATIONS REQUIRED. NO ANTENNA OR LINE WORK TO BEGIN PRIOR TO COMPLETION OF REINFORCEMENT INSTALLATION.



1 EXISTING ANTENNA LAYOUT
N.T.S.



verizon
1701 GOLF ROAD,
TOWER 2, SUITE 400,
ROLLINGWOOD, WI 53080
PHONE: (847) 619-5397
FAX: (847) 706-7415

TERRA
608 BASSIE BRIDWAY
MILWAUKEE, WI 53212
PHONE: (414) 498-4400
FAX: (414) 686-6201

REVISIONS		DATE	BY
NO	DESCRIPTION	06/10/2022	TH
1	ISSUED FOR REVIEW	06/10/2022	KSS
	ISSUED FOR FINAL		

LOC. # 226440
SW NEENAH
WI

2492 TOWER VIEW DRIVE
NEENAH, WI 54956

DRAWN BY:	TH
CHECKED BY:	AU
DATE:	06/10/2022
PROJECT #:	124-1931

SHEET TITLE
ANTENNA
LAYOUT

SHEET NUMBER
ANT-2

Antenna Summary

Added																
700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	Item ID
						LTE	ERICSSON	KRE105281/1	136	136.3	601(19) 200(20) 320(21)	false	false	PHYSICAL	3	
						5G	Ericsson	AIR9449	140	141.3	601(0001) 200(0002) 320(0003)	false	false	PHYSICAL	3	
Removed																
700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	Item ID
No data available.																
Retained																
700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	Item ID
	LTE	LTE	LTE	LTE	LTE		COMMSCOPE	NPH-85C-R2B	138	142	601(0001) 601(01) 200(0002) 200(02) 320(0003) 320(03)	false	false	PHYSICAL	6	NPH-85C-R2B
		CDMA					ANDREW	DBXNH-0565D-VTM	138	141	105(D1) 225(D2) 345(D3)	false	false	PHYSICAL	3	

Added: 6 Removed: 0 Retained: 9

1 ANTENNA SUMMARY
N.T.S.

Equipment Summary

Added															
Equipment Type	Location	700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Cable Length	Cable Size	Install Type	Quantity	Item ID
OVP Box	Tower								COMMSCOPET-001	RCMDC-3300-PF-48			PHYSICAL	3	RCMDC-3300-PF-48
RRU	Tower						LTE		Ericsson	4408 B48 DC			PHYSICAL	3	KRC101746/1
RRU	Tower						5G		Ericsson	AIR9449			PHYSICAL	3	
OVP Box	Shelter								COMMSCOPET-001	RCMDC-3300-PF-48			PHYSICAL	3	RCMDC-3300-PF-48
Removed															
Equipment Type	Location	700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Cable Length	Cable Size	Install Type	Quantity	Item ID
OVP Box	Tower								COMMSCOPET-001	RC2DC-3315-PF-48			PHYSICAL	3	RC2DC-3315-PF-48
OVP Box	Shelter								COMMSCOPET-001	RC2DC-3315-PF-48			PHYSICAL	3	RC2DC-3315-PF-48
Retained															
Equipment Type	Location	700	850	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Cable Length	Cable Size	Install Type	Quantity	Item ID
Hybrid Cable	Tower								COMMSCOPET-001	HFT1206-24SV2-240			PHYSICAL	3	HFT1206-24SV2-240
RRU	Tower		LTE	LTE	5G				Ericsson	4449			PHYSICAL	3	
RRU	Tower					LTE			Ericsson	RRU532 D2			PHYSICAL	3	
RRU	Tower					LTE	LTE		Ericsson	RRU532 D56A			PHYSICAL	3	
Coaxial Cables	Tower				CDMA				NA	NA			PHYSICAL	0	

2 EQUIPMENT SUMMARY
N.T.S.



REVISIONS		DATE	BY
NO.	DESCRIPTION		
1	ISSUED FOR REVIEW	09/20/22	TH
	ISSUED FOR FINAL	10/10/22	KSS

LOC. # 226440
SW NEENAH
WI

2492 TOWER VIEW DRIVE
NEENAH, WI 54956

DRAWN BY:	TH
CHECKED BY:	AU
DATE:	06/10/2022
PROJECT #:	124-1931

SHEET TITLE
ANTENNA
INFORMATION

SHEET NUMBER
ANT-3

**Director's Report
February 20, 2023**

1. Water Loss Report.
2. The following items were approved at the January 31, 2023 Board of Public Works meeting:
 - Change Order No.3 for Contract 2-22, Sanitary Sewer and Laterals, Water Services, and Street Construction on Dieckhoff Street and Grove Street to Donald Hietpas & Sons Inc., Little Chute, WI in the amount of \$9,963.00 for final quantity adjustments.
 - Final Payment for Contract 2-22, Sanitary Sewer and Laterals, Water Services, and Street Construction on Dieckhoff Street and Grove Street to Donald Hietpas & Sons Inc., Little Chute, WI in the amount of \$9,104.70 for water services.
 - Pay Request No. 1 for Contract 11A-22, Water Service Replacement on Reddin Avenue and Zemlock Avenue to Donald Hietpas & Sons Inc., Little Chute, WI in the amount of \$1,025.00 for utility-owned service replacement.
3. The following items were approved at the February 9, 2023 Board of Public Works meeting:
 - Award Contract 1-23, Street, Sanitary & Storm Sewer and Water Main Construction on Burr Ave., Chestnut St., Dieckhoff St., and Laudan Blvd. to Don E. Parker Excavating, Inc., Hortonville, WI in the amount of \$2,474,739.50. The amount of the contract applicable to Water is \$699,549.00.
 - Award Contract 2-23, Sewer, Water Main & Water Services, and Street Construction on Brantwood Dr., Brantwood Ct., Charles Ct., Hughes Ct., Memorial Ct., and Patrick Ct., to David Tenor Corporation, in the amount of \$1,077,298.50. The amount of the contract applicable to Water is \$559,326.00.
4. Solar installation update.
5. Private lead service line replacement funding and project update.
6. The next regular Waterworks Commission meeting is scheduled for March 20, 2023.

**NEENAH WATER UTILITY
PRODUCTION/UNBILLED WATER REPORT**

**THREE MONTH TOTALS
(1000 GALLONS)**

USAGE PERIOD	RAW WATER	FINISHED WATER	BILLED WATER	WATER LOSS ACCOUNTED	WATER LOSS UNACCOUNTED	% WATER LOSS UNACCOUNTED
CURRENT THREE MONTHS (October, November, December)	291,260	280,410	228,033	26,260	26,117	9.31%
MOST RECENT THREE MONTHS (September, October, November)	296,960	287,270	249,315	14,460	23,495	8.18%
1 YEAR AGO (October, November, December)	290,760	284,290	206,592	9,105	68,593	24.13%

NOTES:

Raw water is the total amount of raw water withdrawn from Lake Winnebago / Fox River during the indicated period.

Finished water is the total amount of water entering the distribution system during the indicated period

Billed water is the total usage during the indicated period.

Water loss accounted includes internal plant usage, estimated loss from known main breaks and service leaks, and hydrant flushing.

Water loss unaccounted is calculated by subtracting the billed water and water loss accounted from the finished water.

**DAILY AVERAGE
(MGD)**

USAGE PERIOD	RAW WATER	FINISHED WATER
Dec, 2022	3.13	3.01
Nov, 2022	3.13	3.02
Dec, 2021	3.16	3.07

Change Order No: 3
 Contract: 2-22
 Project: Sanitary, Water Services and Street Construction
Dieckhoff Street and Grove Street
 Contractor: Donald Hietpas & Sons Inc.
1450 E North Ave
Little Chute WI 54140
 Current Contract: \$806,056.38

Change Ordered Herewith:	Account Number
1. Final Quantity Adjustment Sanitary Sewer	(\$21,732.15)
2. Final Quantity Adjustment Water	\$9,963.00
3. Final Quantity Adjustment Storm Sewer	\$3,647.00
4. Final Quantity Adjustment Street	\$27,115.58
5. _____	_____
TOTAL	\$18,993.43

Reason for Change:
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____

Contract Amount		Contract Time (Calendar Days)	
Revised Original:	\$806,056.38	Original:	_____
Previous C.O.'s (+/-):	\$0.00	Previous C.O.'s (+/-):	_____
This C.O. (+/-):	\$18,993.43	This C.O. (+/-):	_____
Revised:	\$825,049.81	Revised:	_____

This document shall become an amendment to the contract and all stipulations and covenants of the contract shall apply hereto.

Contractor: _____	Date: <u>1-20-2023</u>
Department: _____	Date: <u>1-27-2023</u>
Water Department (If applicable) _____	Date: <u>1/30/2023</u>
Board of PW: _____	Date: _____

Contract 2-22
Sanitary Sewer, Storm Sewer, Water Services, and Street Construction
Dickehoff Street and Grove Street

Item Code	Item Description	UofM	Bid			Qty Completed to Date	FINAL						Final Quantity Adjustments		
			Quantity	Unit Price	Extension		Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	Retainage Owed	Due This Estimate	Previously Paid	Due to Contractor to Date			
Sanitary															
101	Furnish & Relay 8-Inch PVC Sanitary Sewer	Lin. Ft.	1,690	\$84.50	\$142,805.00	1,700.00	12.00	\$1,014.00	\$7,131.80	\$8,145.80	\$135,504.20	\$143,650.00	10.00	84.50	845.00
102	Furnish & Relay 6-Inch Sanitary Lateral in ROW (30)	Lin. Ft.	600	\$97.00	\$58,200.00	646.05	0.00	\$0.00	\$3,133.34	\$3,133.34	\$59,533.51	\$62,666.85	46.05	97.00	4,466.85
103	Furnish & Relay 6-Inch Sanitary Lateral ROW to House	Lin. Ft.	40	\$60.00	\$2,400.00	50.00	0.00	\$0.00	\$150.00	\$150.00	\$2,850.00	\$3,000.00	10.00	60.00	600.00
104	Furnish & Pipeburst 6-Inch Sanitary Lateral (3)	Lin. Ft.	120	\$20.00	\$2,400.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(120.00)	20.00	(2,400.00)
105	Furnish & Pipeburst 4-Inch Sanitary Lateral (27)	Lin. Ft.	1,100	\$5.00	\$5,500.00	880.00	240.00	\$1,200.00	\$160.00	\$1,360.00	\$3,040.00	\$4,400.00	(220.00)	5.00	(1,100.00)
106	Reconnect Sanitary Lateral at Foundation - Pipeburst	Each	2	\$1,200.00	\$2,400.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(2.00)	1,200.00	(2,400.00)
107	Reconnect Under Basement Floor - Pipeburst	Each	28	\$2,900.00	\$81,200.00	21.00	6.00	\$17,400.00	\$2,175.00	\$19,575.00	\$41,325.00	\$60,900.00	(7.00)	2,900.00	(20,300.00)
108	Reconnect Lateral to Wye at Main	Each	1	\$500.00	\$500.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(1.00)	500.00	(500.00)
109	Furnish & Install Standard Manhole (4)	Ver. Ft.	38.50	\$440.00	\$16,940.00	38.40	0.00	\$0.00	\$844.80	\$844.80	\$16,051.20	\$16,896.00	(0.10)	440.00	(44.00)
110	Remove Sanitary Manhole	Each	6	\$450.00	\$2,700.00	4.00	0.00	\$0.00	\$90.00	\$90.00	\$1,710.00	\$1,800.00	(2.00)	450.00	(900.00)
111	Clean & Televiser Sewer (Sanitary only)	Lump Sum	1	\$2,135.00	\$2,135.00	1.00	0.00	\$0.00	\$106.75	\$106.75	\$2,028.25	\$2,135.00	0.00	2,135.00	0.00
Total Sanitary Sewer					\$317,180.00			\$19,614.00	\$13,791.69	\$33,405.69	\$262,042.16	\$295,447.85	Total Sanitary Adjustment (21,732.15)		
Water															
201	Furnish & Install 1-Inch Service Brass Set	Each	1	\$350.00	\$350.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(1.00)	350.00	(350.00)
202	Furnish & Install 1.25-Inch Service Brass Set	Each	29	\$1.00	\$29.00	13.00	0.00	\$0.00	\$0.65	\$0.65	\$12.35	\$13.00	(16.00)	1.00	(16.00)
203	Furnish & Install 1.25-Inch PE Water Service in ROW	Lin. Ft.	520	\$50.00	\$26,000.00	501.00	0.00	\$0.00	\$1,252.50	\$1,252.50	\$23,797.50	\$25,050.00	(19.00)	50.00	(950.00)
204	Furnish & Install Cathodic Protection to Water Service	Each	13	\$100.00	\$1,300.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(13.00)	100.00	(1,300.00)
205	Furnish & Install Service from ROW to House by Excavation	Lin. Ft.	40	\$40.50	\$1,620.00	132.00	0.00	\$0.00	\$267.30	\$267.30	\$5,078.70	\$5,346.00	92.00	40.50	3,726.00
206	Furnish & Install Service from ROW to Lateral	Lin. Ft.	40	\$15.00	\$600.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(40.00)	15.00	(600.00)
207	Furnish & Install Service from ROW to House by Pulling w/Sanitary Sewer Pipeburst	Lin. Ft.	1,100	\$3.00	\$3,300.00	1,001.00	26.00	\$78.00	\$146.25	\$224.25	\$2,778.75	\$3,003.00	(99.00)	3.00	(297.00)
208	Furnish & Install Service from ROW to House by Pulling / Directional Drilling	Lin. Ft.	40	\$50.00	\$2,000.00	244.00	71.00	\$3,550.00	\$432.50	\$3,982.50	\$8,217.50	\$12,200.00	204.00	50.00	10,200.00

Contract 2-22
Sanitary Sewer, Storm Sewer, Water Services, and Street Construction
Dickehoff Street and Grove Street

Item Code	Item Description	UofM	Quantity	Bid Unit Price	Extension	Qty Completed to Date	Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	FINAL				Final Quantity Adjustments		
									Retainage Owed	Due This Estimate	Previously Paid	Due to Contractor to Date			
209	Water Service Connection to Structure	Each	30	\$650.00	\$19,500.00	27.00	0.00	\$0.00	\$877.50	\$877.50	\$16,672.50	\$17,550.00	(3.00)	650.00	(1,950.00)
210	Water Service Extra Hole (Curb Stop Connection)	Each	2	\$500.00	\$1,000.00	5.00	5.00	\$2,500.00	\$0.00	\$2,500.00	\$0.00	\$2,500.00	3.00	500.00	1,500.00
	Total Water Services				\$55,699.00			\$6,128.00	\$2,976.70	\$9,104.70	\$56,557.30	\$65,662.00	Total Water Adjustment	9,963.00	
	Storm														
301	Furnish & Relay 12-Inch Storm Sewer	Lin. Ft.	484	\$53.50	\$25,894.00	484.00	(72.00)	(\$3,852.00)	\$1,487.30	-\$2,364.70	\$28,258.70	\$25,894.00	0.00	53.50	0.00
302	Furnish & Relay 10-Inch Storm Sewer	Lin. Ft.	55	\$68.00	\$3,740.00	108.00	108.00	\$7,344.00	\$0.00	\$7,344.00	\$0.00	\$7,344.00	53.00	68.00	3,604.00
303	Furnish & Relay 8-Inch Storm Sewer	Lin. Ft.	55	\$63.00	\$3,465.00	41.00	2.00	\$126.00	\$122.85	\$248.85	\$2,334.15	\$2,583.00	(14.00)	63.00	(882.00)
304	Furnish & Install 4-Inch Storm Sewer Lateral (10)	Lin. Ft.	350	\$49.00	\$17,150.00	395.00	52.50	\$2,572.50	\$839.13	\$3,411.63	\$15,943.38	\$19,355.00	45.00	49.00	2,205.00
305	Furnish & Install Storm Manhole(1)	Lin. Ft.	4	\$560.00	\$2,240.00	3.50	0.00	\$0.00	\$98.00	\$98.00	\$1,862.00	\$1,960.00	(0.50)	560.00	(280.00)
306	Furnish & Install Catch Basin	Each	5	\$1,950.00	\$9,750.00	5.00	2.00	\$3,900.00	\$292.50	\$4,192.50	\$5,557.50	\$9,750.00	0.00	1,950.00	0.00
307	Furnish & Install Sump Pump Pit w/ Sanitary Pipeburst	Each	4	\$200.00	\$800.00	4.00	4.00	\$800.00	\$0.00	\$800.00	\$0.00	\$800.00	0.00	200.00	0.00
308	Furnish & Install Sump Pump Pit (separate)	Each	2	\$500.00	\$1,000.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(2.00)	500.00	(1,000.00)
309	Remove Storm Catch Basin	Each	3	\$200.00	\$600.00	3.00	0.00	\$0.00	\$30.00	\$30.00	\$570.00	\$600.00	0.00	200.00	0.00
310	Adjust Storm Manhole	Each	1	\$500.00	\$500.00	1.00	1.00	\$500.00	\$0.00	\$500.00	\$0.00	\$500.00	0.00	500.00	0.00
311	Adjust Storm Catch Basin	Each	1	\$500.00	\$500.00	1.00	0.00	\$0.00	\$25.00	\$25.00	\$475.00	\$500.00	0.00	500.00	0.00
312	Install & Maintain Type "D" Inlet Protection	Each	8	\$100.00	\$800.00	8.00	0.00	\$0.00	\$40.00	\$40.00	\$760.00	\$800.00	0.00	100.00	0.00
313	Clean & Televiser Sewer (Storm only)	Lump Sum	1	\$760.00	\$760.00	1.00	1.00	\$760.00	\$0.00	\$760.00	\$0.00	\$760.00	0.00	760.00	0.00
	Total Storm Sewer				\$67,199.00			\$12,150.50	\$2,934.78	\$15,085.28	\$55,760.73	\$70,846.00	Total Storm Adjustment	3,647.00	

Contract 2-22
Sanitary Sewer, Storm Sewer, Water Services, and Street Construction
Dickehoff Street and Grove Street

Item Code	Item Description	UofM	Bid			Qty Completed to Date	FINAL						Final Quantity Adjustments		
			Quantity	Unit Price	Extension		Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	Retainage Owed	Due This Estimate	Previously Paid	Due to Contractor to Date			
	Street														
501	Remove Existing Pavement & Maintain Utility Trench	Lin. Ft.	3,250	\$1.50	\$4,875.00	3,250.00	0.00	\$0.00	\$243.75	\$243.75	\$4,631.25	\$4,875.00	0.00	1.50	0.00
502	Sawcut Existing Bituminous Pavement	Lin. Ft.	100	\$3.00	\$300.00	100.00	0.00	\$0.00	\$7.50	\$7.50	\$292.50	\$300.00	0.00	3.00	0.00
503	Sawcut Existing Concrete Pavement	Lin. Ft.	50	\$5.00	\$250.00	50.00	0.00	\$0.00	\$6.25	\$6.25	\$243.75	\$250.00	0.00	5.00	0.00
504	Remove Existing Bituminous Pavement	Sq. Yd.	4,700	\$0.75	\$3,525.00	4,700.00	0.00	\$0.00	\$88.13	\$88.13	\$3,436.88	\$3,525.00	0.00	0.75	0.00
505	Remove Concrete Curb & Gutter	Lin. Ft.	2,850	\$0.01	\$28.50	2,850.00	0.00	\$0.00	\$0.71	\$0.71	\$27.79	\$28.50	0.00	0.01	0.00
506	Remove Concrete Sidewalk/Driveway Apron	Sq. Ft.	5,000	\$1.50	\$7,500.00	8,624.94	0.00	\$0.00	\$323.44	\$323.44	\$12,613.97	\$12,937.41	3,624.94	1.50	5,437.41
507	Unclassified Excavation	Cu. Yd.	2,750	\$12.60	\$34,650.00	2,600.00	400.00	\$5,040.00	\$693.00	\$5,733.00	\$27,027.00	\$32,760.00	(150.00)	12.60	(1,890.00)
508	Furnish & Install Geogrid	Sq. Yd.	5,500	\$2.00	\$11,000.00	5,449.00	149.00	\$298.00	\$265.00	\$563.00	\$10,335.00	\$10,898.00	(51.00)	2.00	(102.00)
509	Furnish & Install Crushed Aggregate Base	Ton	2,500	\$7.80	\$19,500.00	2,963.00	863.00	\$6,731.40	\$409.50	\$7,140.90	\$15,970.50	\$23,111.40	463.00	7.80	3,611.40
510	Furnish & Install 7-Inch Concrete Pavement	Sq. Yd.	4,850	\$39.98	\$193,903.00	4,590.00	590.00	\$23,588.20	\$3,998.00	\$27,586.20	\$155,922.00	\$183,508.20	(260.00)	39.98	(10,394.80)
511	Furnish & Install 30-Inch Concrete Curb & Gutter (Repair)	Lin. Ft.	100	\$38.50	\$3,850.00	100.00	100.00	\$3,850.00	\$0.00	\$3,850.00	\$0.00	\$3,850.00	0.00	38.50	0.00
512	Furnish & Install 4-Inch Concrete Sidewalk Repair	Sq. Ft.	2,500	\$5.77	\$14,425.00	5,427.20	0.00	\$0.00	\$782.87	\$782.87	\$30,532.07	\$31,314.94	2,927.20	5.77	16,889.94
513	Furnish & Install 6-Inch Concrete Sidewalk/Driveway Apron Repair	Sq. Ft.	2,500	\$6.15	\$15,375.00	3,197.74	0.00	\$0.00	\$491.65	\$491.65	\$19,174.45	\$19,666.10	697.74	6.15	4,291.10
514	Furnish & Install 3/4-Inch Tie Bars	Each	20	\$8.00	\$160.00	10.00	0.00	\$0.00	\$2.00	\$2.00	\$78.00	\$80.00	(10.00)	8.00	(80.00)
515	Furnish & Install HMA Pavement (4-Inch)	Sq. Yd.	50	\$46.86	\$2,343.00	235.82	185.82	\$8,707.53	\$58.58	\$8,766.10	\$2,284.43	\$11,050.53	185.82	46.86	8,707.53
516	Install Detectable Warning Fields (supplied by City)	Each	6	\$45.00	\$270.00	3.00	0.00	\$0.00	\$3.38	\$3.38	\$131.63	\$135.00	(3.00)	45.00	(135.00)
517	Terracing, Fertilized, Seed & Hydromulch	Sq. Yd.	2,000	\$7.80	\$15,600.00	2,100.00	0.00	\$0.00	\$409.50	\$409.50	\$15,970.50	\$16,380.00	100.00	7.80	780.00
518	Install & Maintain Traffic Control	Lump Sum	1	\$22,365.00	\$22,365.00	1.00	0.00	\$0.00	\$838.69	\$838.69	\$21,526.31	\$22,365.00	0.00	22,365.00	0.00
	Total Street				\$349,919.50			\$48,215.13	\$8,621.94	\$56,837.06	\$320,198.02	\$377,035.08	Total Street Adjustment	27,115.58	
								\$86,107.63	\$28,325.10	\$114,432.73	\$694,558.20	\$808,990.93	Total Contract Adjustment	18,993.43	

**City of Neenah
Department of Public Works
Contractor Request for Payment**

Contractor Name: Donald Hietpas & Sons, Inc.		Contract No.	2-22
Address 1450 E North Ave		Contract Amount	\$789,997.50
City Little Chute WI 54140			
Name of Project	Sanitary, Water Services and Street Construction		
Location of Project	Dieckhoff Street & Grove Street		
Pay Request No.	FINAL	For Period	FINAL

CONTRACT SUMMARY

Original Contract Amount	\$789,997.50
Net Amount of Change Order No.1 & No.2 & No.3	\$35,052.31
Adjusted Contract Amount	<u>\$825,049.81</u>

WORK PERFORMED TO DATE

Work Performed to Date	\$825,049.81
Less Retainage of 5%. If different indicate here	_____
Net Amount Earned to Date	\$825,049.81
Less Previous Payments	\$694,558.20

BALANCE DUE THIS PAYMENT



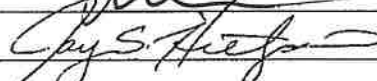
\$130,491.61

CONTRACT BREAKOUT

	Account Numbers	Budget Total	Contract Breakdown	Due This Estimate	Paid to Date
Sanitary Sewer-Grove St.	046-5051-743-0236	\$480,000.00	\$311,506.73	\$49,464.57	\$262,042.16
Storm Sewer - Grove St.	049-5273-743-0236	\$170,000.00	\$70,846.00	\$15,085.28	\$55,760.73
Street - Dieckhoff St./Grove St.	012-4323-743-0236	\$400,000.00	\$377,035.08	\$56,837.06	\$320,198.02
Water Services - Dieckhoff St.	400-0000-207-0485	\$20,800.00	\$15,863.00	\$644.15	\$12,238.85
Water Services - Grove St.	400-0000-207-0484	\$74,700.00	\$49,799.00	\$8,460.55	\$44,318.45
		<u>\$1,145,500.00</u>	<u>\$825,049.81</u>	<u>\$130,491.61</u>	<u>\$694,558.20</u>

CERTIFICATION OF CONTRACTOR:

I certify that the foregoing is just and correct and the amount claimed is legally due after showing all just credits

Certified by Engineer		Date: 1-20-2023
Certified by Public Works		Date: 1-27-2023
Certified by Water Utility		Date: 1/30/2023
Certified by Contractor		Date: 1-20-2023
Approved BPW	_____	Date: _____
Approved Common Council (Final Payments Only)	_____	Date: _____

Contract 2-22
Sanitary Sewer, Storm Sewer, Water Services, and Street Construction
Dickehoff Street and Grove Street

Item Code	Item Description	UofM	Quantity	Bid		Qty Completed to Date	Pay Request No.5						FINAL					
							Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	Retainage Due	Due This Estimate	Previously Paid	Due to Contractor to Date	Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	Retainage Owed	Due This Estimate	Previously Paid	Due to Contractor to Date
	Sanitary																	
101	Furnish & Relay 8-Inch PVC Sanitary Sewer	Lin. Ft.	1,690	\$84.50	\$142,805.00	1,700.00	0.00	\$0.00	\$0.00	\$0.00	\$135,504.20	\$142,636.00	12.00	\$1,014.00	\$7,131.80	\$8,145.80	\$135,504.20	\$143,650.00
102	Furnish & Relay 6-Inch Sanitary Lateral in ROW (30)	Lin. Ft.	600	\$97.00	\$58,200.00	646.05	0.00	\$0.00	\$0.00	\$0.00	\$59,533.51	\$62,666.85	0.00	\$0.00	\$3,133.34	\$3,133.34	\$59,533.51	\$62,666.85
103	Furnish & Relay 6-Inch Sanitary Lateral ROW to House	Lin. Ft.	40	\$60.00	\$2,400.00	50.00	0.00	\$0.00	\$0.00	\$0.00	\$2,850.00	\$3,000.00	0.00	\$0.00	\$150.00	\$150.00	\$2,850.00	\$3,000.00
104	Furnish & Pipeburst 6-Inch Sanitary Lateral (3)	Lin. Ft.	120	\$20.00	\$2,400.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
105	Furnish & Pipeburst 4-Inch Sanitary Lateral (27)	Lin. Ft.	1,100	\$5.00	\$5,500.00	880.00	0.00	\$0.00	\$0.00	\$0.00	\$3,040.00	\$3,200.00	240.00	\$1,200.00	\$160.00	\$1,360.00	\$3,040.00	\$4,400.00
106	Reconnect Sanitary Lateral at Foundation - Pipeburst	Each	2	\$1,200.00	\$2,400.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
107	Reconnect Under Basement Floor - Pipeburst	Each	28	\$2,900.00	\$81,200.00	21.00	0.00	\$0.00	\$0.00	\$0.00	\$41,325.00	\$43,500.00	6.00	\$17,400.00	\$2,175.00	\$19,575.00	\$41,325.00	\$60,900.00
108	Reconnect Lateral to Wye at Main	Each	1	\$500.00	\$500.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
109	Furnish & Install Standard Manhole (4)	Ver. Ft.	38.50	\$440.00	\$16,940.00	38.40	0.00	\$0.00	\$0.00	\$0.00	\$16,051.20	\$16,896.00	0.00	\$0.00	\$844.80	\$844.80	\$16,051.20	\$16,896.00
110	Remove Sanitary Manhole	Each	6	\$450.00	\$2,700.00	4.00	0.00	\$0.00	\$0.00	\$0.00	\$1,710.00	\$1,800.00	0.00	\$0.00	\$90.00	\$90.00	\$1,710.00	\$1,800.00
111	Clean & Televiser Sewer (Sanitary only)	Lump Sum	1	\$2,135.00	\$2,135.00	1.00	0.00	\$0.00	\$0.00	\$0.00	\$2,028.25	\$2,135.00	0.00	\$0.00	\$106.75	\$106.75	\$2,028.25	\$2,135.00
CO #1	Extra Rock Removal					1.00							1.00	\$4,624.38	\$0.00	\$4,624.38	\$0.00	\$4,624.38
CO #1	Extra Gravel					1.00							1.00	\$6,649.50	\$0.00	\$6,649.50	\$0.00	\$6,649.50
CO #2	Extra Pipebursting					1.00							1.00	\$4,785.00	\$0.00	\$4,785.00	\$0.00	\$4,785.00
	Total Sanitary Sewer				\$317,180.00			\$0.00	\$0.00	\$0.00	\$262,042.16	\$275,833.85		\$35,672.88	\$13,791.69	\$49,464.57	\$262,042.16	\$311,506.73
	Water																	
201	Furnish & Install 1-Inch Service Brass Set	Each	1	\$350.00	\$350.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
202	Furnish & Install 1.25-Inch Service Brass Set	Each	29	\$1.00	\$29.00	13.00	0.00	\$0.00	\$0.00	\$0.00	\$12.35	\$13.00	0.00	\$0.00	\$0.65	\$0.65	\$12.35	\$13.00
203	Furnish & Install 1.25-Inch PE Water Service in ROW	Lin. Ft.	520	\$50.00	\$26,000.00	501.00	0.00	\$0.00	\$0.00	\$0.00	\$23,797.50	\$25,050.00	0.00	\$0.00	\$1,252.50	\$1,252.50	\$23,797.50	\$25,050.00
204	Furnish & Install Cathodic Protection to Water Service	Each	13	\$100.00	\$1,300.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
205	Furnish & Install Service from ROW to House by Excavation	Lin. Ft.	40	\$40.50	\$1,620.00	132.00	0.00	\$0.00	\$0.00	\$0.00	\$5,078.70	\$5,346.00	0.00	\$0.00	\$267.30	\$267.30	\$5,078.70	\$5,346.00
206	Furnish & Install Service from ROW to Lateral	Lin. Ft.	40	\$15.00	\$600.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Contract 2-22
Sanitary Sewer, Storm Sewer, Water Services, and Street Construction
Dickehoff Street and Grove Street

Item Code	Item Description	UofM	Quantity	Bid Unit Price	Extension	Pay Request No.5							FINAL					
						Qty Completed to Date	Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	Retainage Due	Due This Estimate	Previously Paid	Due to Contractor to Date	Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	Retainage Owed	Due This Estimate	Previously Paid	Due to Contractor to Date
207	Furnish & Install Service from ROW to House by Pulling w/Sanitary Sewer Pipeburst	Lin. Ft.	1,100	\$3.00	\$3,300.00	1,001.00	0.00	\$0.00	\$0.00	\$0.00	\$2,778.75	\$2,925.00	26.00	\$78.00	\$146.25	\$224.25	\$2,778.75	\$3,003.00
208	Furnish & Install Service from ROW to House by Pulling / Directional Drilling	Lin. Ft.	40	\$50.00	\$2,000.00	244.00	0.00	\$0.00	\$0.00	\$0.00	\$8,217.50	\$8,650.00	71.00	\$3,550.00	\$432.50	\$3,982.50	\$8,217.50	\$12,200.00
209	Water Service Connection to Structure	Each	30	\$650.00	\$19,500.00	27.00	0.00	\$0.00	\$0.00	\$0.00	\$16,672.50	\$17,550.00	0.00	\$0.00	\$877.50	\$877.50	\$16,672.50	\$17,550.00
210	Water Service Extra Hole (Curb Stop Connection)	Each	2	\$500.00	\$1,000.00	5.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	5.00	\$2,500.00	\$0.00	\$2,500.00	\$0.00	\$2,500.00
	Total Water Services				\$55,699.00			\$0.00	\$0.00	\$0.00	\$56,557.30	\$59,534.00		\$6,128.00	\$2,976.70	\$9,104.70	\$56,557.30	\$65,662.00
	Storm																	
301	Furnish & Relay 12-Inch Storm Sewer	Lin. Ft.	484	\$53.50	\$25,894.00	484.00	0.00	\$0.00	\$0.00	\$0.00	\$28,258.70	\$29,746.00	(72.00)	(\$3,852.00)	\$1,487.30	-\$2,364.70	\$28,258.70	\$25,894.00
302	Furnish & Relay 10-Inch Storm Sewer	Lin. Ft.	55	\$68.00	\$3,740.00	108.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	108.00	\$7,344.00	\$0.00	\$7,344.00	\$0.00	\$7,344.00
303	Furnish & Relay 8-Inch Storm Sewer	Lin. Ft.	55	\$63.00	\$3,465.00	41.00	0.00	\$0.00	\$0.00	\$0.00	\$2,334.15	\$2,457.00	2.00	\$126.00	\$122.85	\$248.85	\$2,334.15	\$2,583.00
304	Furnish & Install 4-Inch Storm Sewer Lateral (10)	Lin. Ft.	350	\$49.00	\$17,150.00	395.00	0.00	\$0.00	\$0.00	\$0.00	\$15,943.38	\$16,782.50	52.50	\$2,572.50	\$839.13	\$3,411.63	\$15,943.38	\$19,355.00
305	Furnish & Install Storm Manhole(1)	Lin. Ft.	4	\$560.00	\$2,240.00	3.50	0.00	\$0.00	\$0.00	\$0.00	\$1,862.00	\$1,960.00	0.00	\$0.00	\$98.00	\$98.00	\$1,862.00	\$1,960.00
306	Furnish & Install Catch Basin	Each	5	\$1,950.00	\$9,750.00	5.00	0.00	\$0.00	\$0.00	\$0.00	\$5,557.50	\$5,850.00	2.00	\$3,900.00	\$292.50	\$4,192.50	\$5,557.50	\$9,750.00
307	Furnish & Install Sump Pump Pit w/ Sanitary Pipeburst	Each	4	\$200.00	\$800.00	4.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	4.00	\$800.00	\$0.00	\$800.00	\$0.00	\$800.00
308	Furnish & Install Sump Pump Pit (separate)	Each	2	\$500.00	\$1,000.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
309	Remove Storm Catch Basin	Each	3	\$200.00	\$600.00	3.00	0.00	\$0.00	\$0.00	\$0.00	\$570.00	\$600.00	0.00	\$0.00	\$30.00	\$30.00	\$570.00	\$600.00
310	Adjust Storm Manhole	Each	1	\$500.00	\$500.00	1.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1.00	\$500.00	\$0.00	\$500.00	\$0.00	\$500.00
311	Adjust Storm Catch Basin	Each	1	\$500.00	\$500.00	1.00	0.00	\$0.00	\$0.00	\$0.00	\$475.00	\$500.00	0.00	\$0.00	\$25.00	\$25.00	\$475.00	\$500.00
312	Install & Maintain Type "D" Inlet Protection	Each	8	\$100.00	\$800.00	8.00	0.00	\$0.00	\$0.00	\$0.00	\$760.00	\$800.00	0.00	\$0.00	\$40.00	\$40.00	\$760.00	\$800.00
313	Clean & Televiser Sewer (Storm only)	Lump Sum	1	\$760.00	\$760.00	1.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1.00	\$760.00	\$0.00	\$760.00	\$0.00	\$760.00
	Total Storm Sewer				\$67,199.00			\$0.00	\$0.00	\$0.00	\$55,760.73	\$58,695.50		\$12,150.50	\$2,934.78	\$15,085.28	\$55,760.73	\$70,846.00

Contract 2-22
Sanitary Sewer, Storm Sewer, Water Services, and Street Construction
Dickehoff Street and Grove Street

Item Code	Item Description	UofM	Bid			Qty Completed to Date	Pay Request No.5						FINAL					
			Quantity	Unit Price	Extension		Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	Retainage Due	Due This Estimate	Previously Paid	Due to Contractor to Date	Quantity Completed This Pay Estimate	\$ Completed This Pay Estimate	Retainage Owed	Due This Estimate	Previously Paid	Due to Contractor to Date
	Street																	
501	Remove Existing Pavement & Maintain Utility Trench	Lin. Ft.	3,250	\$1.50	\$4,875.00	3,250.00	0.00	\$0.00	\$0.00	\$0.00	\$4,631.25	\$4,875.00	0.00	\$0.00	\$243.75	\$243.75	\$4,631.25	\$4,875.00
502	Sawcut Existing Bituminous Pavement	Lin. Ft.	100	\$3.00	\$300.00	100.00	0.00	\$0.00	\$0.00	\$0.00	\$292.50	\$300.00	0.00	\$0.00	\$7.50	\$7.50	\$292.50	\$300.00
503	Sawcut Existing Concrete Pavement	Lin. Ft.	50	\$5.00	\$250.00	50.00	0.00	\$0.00	\$0.00	\$0.00	\$243.75	\$250.00	0.00	\$0.00	\$6.25	\$6.25	\$243.75	\$250.00
504	Remove Existing Bituminous Pavement	Sq. Yd.	4,700	\$0.75	\$3,525.00	4,700.00	0.00	\$0.00	\$0.00	\$0.00	\$3,436.88	\$3,525.00	0.00	\$0.00	\$88.13	\$88.13	\$3,436.88	\$3,525.00
505	Remove Concrete Curb & Gutter	Lin. Ft.	2,850	\$0.01	\$28.50	2,850.00	0.00	\$0.00	\$0.00	\$0.00	\$27.79	\$28.50	0.00	\$0.00	\$0.71	\$0.71	\$27.79	\$28.50
506	Remove Concrete Sidewalk/Driveway Apron	Sq. Ft.	5,000	\$1.50	\$7,500.00	8,624.94	6,624.94	\$9,937.41	\$248.44	\$9,688.97	\$2,925.00	\$12,937.41	0.00	\$0.00	\$323.44	\$323.44	\$12,613.97	\$12,937.41
507	Unclassified Excavation	Cu. Yd.	2,750	\$12.60	\$34,650.00	2,600.00	0.00	\$0.00	\$0.00	\$0.00	\$27,027.00	\$27,720.00	400.00	\$5,040.00	\$693.00	\$5,733.00	\$27,027.00	\$32,760.00
508	Furnish & Install Geogrid	Sq. Yd.	5,500	\$2.00	\$11,000.00	5,449.00	0.00	\$0.00	\$0.00	\$0.00	\$10,335.00	\$10,600.00	149.00	\$298.00	\$265.00	\$563.00	\$10,335.00	\$10,898.00
509	Furnish & Install Crushed Aggregate Base	Ton	2,500	\$7.80	\$19,500.00	2,963.00	0.00	\$0.00	\$0.00	\$0.00	\$15,970.50	\$16,380.00	863.00	\$6,731.40	\$409.50	\$7,140.90	\$15,970.50	\$23,111.40
510	Furnish & Install 7-Inch Concrete Pavement	Sq. Yd.	4,850	\$39.98	\$193,903.00	4,590.00	0.00	\$0.00	\$0.00	\$0.00	\$155,922.00	\$159,920.00	590.00	\$23,588.20	\$3,998.00	\$27,586.20	\$155,922.00	\$183,508.20
511	Furnish & Install 10-Inch Concrete Curb & Gutter (Repair)	Lin. Ft.	100	\$38.50	\$3,850.00	100.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	100.00	\$3,850.00	\$0.00	\$3,850.00	\$0.00	\$3,850.00
512	Furnish & Install 4-Inch Concrete Sidewalk Repair	Sq. Ft.	2,500	\$5.77	\$14,425.00	5,427.20	5,427.20	\$31,314.94	\$782.87	\$30,532.07	\$0.00	\$31,314.94	0.00	\$0.00	\$782.87	\$782.87	\$30,532.07	\$31,314.94
513	Furnish & Install 6-Inch Concrete Sidewalk/Driveway Apron Repair	Sq. Ft.	2,500	\$6.15	\$15,375.00	3,197.74	3,197.74	\$19,666.10	\$491.65	\$19,174.45	\$0.00	\$19,666.10	0.00	\$0.00	\$491.65	\$491.65	\$19,174.45	\$19,666.10
514	Furnish & Install 3/4-Inch Tie Bars	Each	20	\$8.00	\$160.00	10.00	0.00	\$0.00	\$0.00	\$0.00	\$78.00	\$80.00	0.00	\$0.00	\$2.00	\$2.00	\$78.00	\$80.00
515	Furnish & Install HMA Pavement (4-Inch)	Sq. Yd.	50	\$46.86	\$2,343.00	235.82	50.00	\$2,343.00	\$58.58	\$2,284.43	\$0.00	\$2,343.00	185.82	\$8,707.53	\$58.58	\$8,766.10	\$2,284.43	\$11,050.53
516	Install Detectable Warning Fields (supplied by City)	Each	6	\$45.00	\$270.00	3.00	3.00	\$135.00	\$3.38	\$131.63	\$0.00	\$135.00	0.00	\$0.00	\$3.38	\$3.38	\$131.63	\$135.00
517	Terracing, Fertilized, Seed & Hydromulch	Sq. Yd.	2,000	\$7.80	\$15,600.00	2,100.00	2,100.00	\$16,380.00	\$409.50	\$15,970.50	\$0.00	\$16,380.00	0.00	\$0.00	\$409.50	\$409.50	\$15,970.50	\$16,380.00
518	Install & Maintain Traffic Control	Lump Sum	1	\$22,365.00	\$22,365.00	1.00	0.25	\$5,591.25	\$139.78	\$5,451.47	\$16,074.84	\$22,365.00	0.00	\$0.00	\$838.69	\$838.69	\$21,526.31	\$22,365.00
	Total Street				\$349,919.50			\$85,367.71	\$2,134.19	\$83,233.51	\$236,964.51	\$328,819.96		\$48,215.13	\$8,621.94	\$56,837.06	\$320,198.02	\$377,035.08
								\$85,367.71	\$2,134.19	\$83,233.51	\$611,324.69	\$722,883.31		\$102,166.51	\$28,325.10	\$130,491.61	\$694,558.20	\$825,049.81

12/19/2022 Estimate # 1										
City Of Neenah										
2022 Water Service Replacement - Reddin Ave. & Zimlock Ave.										
Contract 11A-22										
Item Code	Item Description	U of M	Scheduled Quantity	Unit Price	Previous Request Quantity	Amount	This Request Quantity	Amount	Total Completed To Date Quantity	Amount
201	Furnish & Install Service from ROW to House by Pulling	LF	3650	\$ 10.00	0	\$ -	3938	\$ 39,380.00	3938	\$ 39,380.00
202	Furnish & Install Service from ROW to House by Directional Drilling	LF	100	\$ 40.00	0	\$ -	0	\$ -	0	\$ -
203	Furnish & Install 1.25- Inch Service from ROW to House by Excavation	LF	50	\$ 60.00	0	\$ -	0	\$ -	0	\$ -
204	Furnish & Install 1.25- Inch Service from Main to Row	LF	50	\$ 75.00	0	\$ -	5	\$ 375.00	5	\$ 375.00
205	Furnish & Install 1.25- Inch Service Brass Set	EA	1	\$ 650.00	0	\$ -	1	\$ 650.00	1	\$ 650.00
206	Furnish & Install Cathodic Protection to Water Service	EA	84	\$ 125.00	0	\$ -	93	\$ 11,625.00	93	\$ 11,625.00
207	Water Service Connection to Structure Including Concrete Repair and Regrounding	EA	84	\$ 3,500.00	0	\$ -	94	\$ 329,000.00	94	\$ 329,000.00
208	Water Service Extra Hole (Curb Stop Connection)	EA	12	\$ -	0	\$ -	0	\$ -	0	\$ -
209	Remove Footing	VF	12	\$ 400.00	0	\$ -	12	\$ 4,800.00	12	\$ 4,800.00
210	Furnish & Install 30-Inch Concrete Curb & Gutter (Repair)	LF	0	\$ 165.00	0	\$ -	0	\$ -	0	\$ -
211	Furnish & Install 4-Inch Concrete Sidewalk Repair	SF	4600	\$ 16.41	0	\$ -	0	\$ -	0	\$ -
212	Furnish & Install 6-Inch Concrete Sidewalk/Driveway Apron Repair	SF	250	\$ 18.45	0	\$ -	0	\$ -	0	\$ -
213	Furnish & Install HMA Pavement	SF	300	\$ 40.00	0	\$ -	0	\$ -	0	\$ -
214	Furnish & Install Drilled Tie Bars	EA	120	\$ 26.26	0	\$ -	0	\$ -	0	\$ -
221	Terracing, Seed, Mulch, Fertilizing	SY	1000	\$ 12.00	0	\$ -	0	\$ -	0	\$ -
222	Furnish, Install & Maintain Traffic Control	LS	1	\$ 2,500.00	0	\$ -	1	\$ 2,500.00	1	\$ 2,500.00
223	Furnish, Install & Maintain Inlet Protection	EA	24	\$ 125.00	0	\$ -	0	\$ -	0	\$ -
TOTAL						\$ -		\$ 388,330.00		\$ 388,330.00



M E M O R A N D U M

DATE: February 7, 2023
TO: Mayor Lang and Members of the Board of Public Works
FROM: Gerry Kaiser, Director of Public Works
RE: Award Recommendation for Contract 1-23.

Attached to this memo is the bid tabulation for Contract 1-23. Chestnut, Burr, Dieckhoff, and Laudan Utility and Street Construction. The table below summarizes the bid result and compare the bid components to the budgets for each of the types of work within this contract.

2023 Contract Summary						
Contract 1-23						
					Base Amount	Alt. Amount
					Over (Under)	Over (Under)
					Budget	Budget
Chestnut/Dieckhoff		Budget	Base Bid	Alt. Bid		
Burr/Laudan	Street	\$ 974,000.00	\$ 856,298.50	\$ 1,091,214.70	\$ (117,701.50)	\$ 117,214.70
	Water	\$ 699,000.00	\$ 699,549.00	\$ 699,549.00	\$ 549.00	\$ 549.00
	Sanitary	\$ 800,000.00	\$ 669,756.55	\$ 669,756.55	\$ (130,243.45)	\$ (130,243.45)
	Storm	\$ 257,000.00	\$ 249,135.45	\$ 249,135.45	\$ (7,864.55)	\$ (7,864.55)
	Total	\$ 2,730,000.00	\$ 2,474,739.50	\$ 2,709,655.70	\$ (255,260.50)	\$ (20,344.30)

As shown, Contract 1-23 had a base bid of asphalt pavement and an alternate bid of concrete pavement for the street paving. A life-cycle cost analysis of the two options was performed which factors the initial cost and the ongoing 50-year maintenance/repair cost for the pavement to develop a present worth roadway cost. This calculation developed a present worth roadway cost per foot of \$350.65 for the asphalt pavement option and \$365.90 for the concrete pavement option. The lower present worth cost indicates that the asphalt pavement option has a lower overall cost for the life of the pavement.

Staff recommends award of Contract 1-23 using the base bid for asphalt pavement to Don E. Parker Excavating in the amount of \$2,474,739.50.

**Contract 1-23
Street, Sanitary & Storm Sewer, and Water Main Construction
Burr Avenue, Chestnut Street, Dieckhoff Street, and Laudan Boulevard**

Line Item	Item Code	Item Description	Unit of Measure	QTY	Engineer Estimate Unit Price	Extension	Don E Parker Excavating Unit Price	Extension	Don Hietpas and Sons Inc. Unit Price	Extension	Robert Immel Excavating Unit Price	Extension	David Tenor Corporation Unit Price	Extension	Carl Bowers & Sons Const Co. Inc. Unit Price	Extension	Kruczek Construction Inc. Unit Price	Extension	Dorner Inc. Unit Price	Extension	De Groot Inc. Unit Price	Extension	Advance Construction Inc. Unit Price	Extension	Jossart Brothers, Inc. Unit Price	Extension	Superior Sewer and Water inc. Unit Price	Extension	
Base Bid Sanitary																													
1	101.3	Furnish and Relay 8-inch PVC Sanitary Sewer	Lin. Ft.	2680	\$90.00	\$241,200.00	\$76.75	\$205,690.00	\$87.00	\$233,160.00	\$87.70	\$235,036.00	\$85.00	\$227,800.00	\$94.00	\$251,920.00	\$83.00	\$222,440.00	\$90.00	\$241,200.00	\$96.90	\$259,692.00	\$109.00	\$292,120.00	\$111.00	\$297,480.00	\$93.00	\$249,240.00	
2	101.4	Furnish and Relay 10-inch PVC Sanitary Sewer	Lin. Ft.	337	\$100.00	\$33,700.00	\$86.35	\$29,099.95	\$96.00	\$32,352.00	\$91.40	\$30,801.80	\$101.00	\$34,037.00	\$104.50	\$35,216.50	\$93.00	\$31,341.00	\$102.00	\$34,374.00	\$135.43	\$45,639.91	\$128.00	\$43,136.00	\$118.00	\$39,766.00	\$100.00	\$33,700.00	
3	102.3	Furnish and Relay 6 inch Sanitary Lateral in ROW	Lin. Ft.	1800	\$100.00	\$180,000.00	\$80.45	\$144,810.00	\$95.00	\$171,000.00	\$88.40	\$159,120.00	\$70.00	\$126,000.00	\$85.50	\$153,900.00	\$92.00	\$165,600.00	\$80.00	\$144,000.00	\$86.74	\$156,132.00	\$114.00	\$205,200.00	\$140.00	\$252,000.00	\$95.00	\$171,000.00	
4	102.4	Furnish and Relay 6 inch Sanitary Lateral ROW to House	Lin. Ft.	100	\$70.00	\$7,000.00	\$61.60	\$6,160.00	\$60.00	\$6,000.00	\$50.00	\$5,000.00	\$42.00	\$4,200.00	\$60.00	\$6,000.00	\$64.00	\$6,400.00	\$75.00	\$7,500.00	\$90.90	\$9,090.00	\$62.00	\$6,200.00	\$100.00	\$10,000.00	\$60.00	\$6,000.00	
5	102.6	Reconnect Lateral to Main	Each	2	\$1,000.00	\$2,000.00	\$240.00	\$480.00	\$560.00	\$1,120.00	\$650.00	\$1,300.00	\$450.00	\$900.00	\$400.00	\$800.00	\$350.00	\$700.00	\$769.00	\$1,538.00	\$2,020.00	\$4,040.00	\$800.00	\$1,600.00	\$500.00	\$1,000.00	\$1,425.00	\$2,850.00	
6	103.1	Furnish and Pipeburst 4-inch Sanitary Lateral	Lin. Ft.	2800	\$15.00	\$42,000.00	\$5.15	\$14,420.00	\$5.00	\$14,000.00	\$5.10	\$14,280.00	\$5.10	\$14,280.00	\$5.00	\$14,000.00	\$5.00	\$14,000.00	\$5.30	\$14,840.00	\$5.20	\$14,560.00	\$5.00	\$14,000.00	\$5.25	\$14,700.00	\$10.83	\$30,324.00	
7	103.2	Furnish and Pipeburst 6-inch Sanitary Lateral	Lin. Ft.	200	\$30.00	\$6,000.00	\$20.60	\$4,120.00	\$20.00	\$4,000.00	\$20.40	\$4,080.00	\$20.40	\$4,080.00	\$20.00	\$4,000.00	\$20.00	\$4,000.00	\$21.10	\$4,220.00	\$20.81	\$4,162.00	\$20.00	\$4,000.00	\$21.00	\$4,200.00	\$34.20	\$6,840.00	
8	103.3	Reconnect Sanitary Lateral at Foundation - Pipeburst	Each	5	\$1,500.00	\$7,500.00	\$1,545.00	\$7,725.00	\$1,500.00	\$7,500.00	\$1,530.00	\$7,650.00	\$1,530.00	\$7,650.00	\$1,500.00	\$7,500.00	\$1,500.00	\$7,500.00	\$1,584.00	\$7,920.00	\$1,560.45	\$7,802.25	\$1,500.00	\$7,500.00	\$1,575.00	\$7,875.00	\$2,140.00	\$10,700.00	
9	103.4	Reconnect Under Basement Floor - Pipeburst	Each	74	\$3,000.00	\$222,000.00	\$2,678.00	\$198,172.00	\$2,600.00	\$192,400.00	\$2,650.00	\$196,100.00	\$2,860.00	\$211,640.00	\$2,600.00	\$192,400.00	\$2,654.00	\$196,396.00	\$2,745.00	\$203,130.00	\$2,704.78	\$200,153.72	\$2,600.00	\$192,400.00	\$2,730.00	\$202,020.00	\$2,622.00	\$194,028.00	
10	103.4.1	Remove Building Footing to allow Pipeburst	Each	5	\$500.00	\$2,500.00	\$309.00	\$1,545.00	\$300.00	\$1,500.00	\$305.00	\$1,525.00	\$310.00	\$1,550.00	\$300.00	\$1,500.00	\$305.00	\$1,525.00	\$317.00	\$1,585.00	\$312.09	\$1,560.45	\$300.00	\$1,500.00	\$315.00	\$1,575.00	\$206.00	\$1,030.00	
11	103.5	Extra Hole - Pipeburst	Each	3	\$500.00	\$1,500.00	\$515.00	\$1,545.00	\$500.00	\$1,500.00	\$510.00	\$1,530.00	\$510.00	\$1,530.00	\$500.00	\$1,500.00	\$510.00	\$1,530.00	\$528.00	\$1,584.00	\$520.15	\$1,560.45	\$500.00	\$1,500.00	\$525.00	\$1,575.00	\$514.00	\$1,542.00	
12	104.1	Furnish and Install Standard Manhole	Ver. Ft.	92	\$475.00	\$43,700.00	\$506.80	\$46,625.60	\$520.00	\$47,840.00	\$535.00	\$49,220.00	\$542.00	\$49,864.00	\$400.00	\$36,800.00	\$553.00	\$50,876.00	\$599.00	\$55,108.00	\$708.12	\$65,147.04	\$430.00	\$39,560.00	\$590.00	\$54,280.00	\$459.00	\$42,228.00	
13	105.1	Abandon Sanitary Manhole	Each	2	\$500.00	\$1,000.00	\$350.00	\$700.00	\$750.00	\$1,500.00	\$760.00	\$1,520.00	\$400.00	\$800.00	\$400.00	\$800.00	\$375.00	\$750.00	\$378.00	\$756.00	\$656.50	\$1,313.00	\$300.00	\$600.00	\$500.00	\$1,000.00	\$620.00	\$1,240.00	
14	105.2	Adjust Sanitary Manhole	Each	3	\$600.00	\$1,800.00	\$650.00	\$1,950.00	\$350.00	\$1,050.00	\$1,100.00	\$3,300.00	\$450.00	\$1,350.00	\$400.00	\$1,200.00	\$700.00	\$2,100.00	\$659.00	\$1,977.00	\$757.50	\$2,272.50	\$500.00	\$1,500.00	\$650.00	\$1,950.00	\$248.00	\$744.00	
15	105.6	Remove Sanitary Manhole	Each	14	\$500.00	\$7,000.00	\$200.00	\$2,800.00	\$360.00	\$5,040.00	\$850.00	\$11,900.00	\$400.00	\$5,600.00	\$400.00	\$5,600.00	\$375.00	\$5,250.00	\$452.00	\$6,328.00	\$505.00	\$7,070.00	\$500.00	\$7,000.00	\$300.00	\$4,200.00	\$730.00	\$10,220.00	
16	106.1	Clean and Televise Sewer (Sanitary only)	Lump Sum	1	\$10,000.00	\$10,000.00	\$3,914.00	\$3,914.00	\$3,825.00	\$3,825.00	\$3,250.00	\$3,250.00	\$4,160.00	\$4,160.00	\$3,750.00	\$3,750.00	\$7,744.00	\$7,744.00	\$4,268.00	\$4,268.00	\$4,292.50	\$4,292.50	\$4,046.80	\$4,046.80	\$4,500.00	\$4,500.00	\$3,860.00	\$3,860.00	
Total Sanitary Bid																													
Base Bid Water																													
17	201.1.1	Furnish & Install 6-inch PVC C-900 Main	Lin. Ft.	40	\$80.00	\$3,200.00	\$213.80	\$8,552.00	\$100.00	\$4,000.00	\$198.00	\$7,920.00	\$270.00	\$10,800.00	\$142.00	\$5,680.00	\$176.00	\$7,040.00	\$141.00	\$5,640.00	\$95.95	\$3,838.00	\$185.00	\$7,400.00	\$110.00	\$4,400.00	\$1,144.00	\$45,760.00	
18	201.1.2	Furnish & Install 8-inch PVC C-900 Main	Lin. Ft.	3400	\$85.00	\$289,000.00	\$84.70	\$287,980.00	\$82.50	\$280,500.00	\$86.70	\$294,780.00	\$88.00	\$299,200.00	\$95.50	\$324,700.00	\$94.00	\$319,600.00	\$99.00	\$336,600.00	\$97.68	\$332,112.00	\$100.00	\$340,000.00	\$119.00	\$404,600.00	\$102.00	\$346,800.00	
19	201.1.4	Furnish & Install 12-inch PVC C-900 Main	Lin. Ft.	610	\$100.00	\$61,000.00	\$125.50	\$76,555.00	\$122.50	\$74,725.00	\$122.00	\$74,420.00	\$133.00	\$81,130.00	\$140.00	\$85,400.00	\$141.00	\$86,010.00	\$142.00	\$86,620.00	\$137.18	\$83,679.80	\$155.00	\$94,550.00	\$146.00	\$89,060.00	\$145.00	\$88,450.00	
20	202.1.2	Furnish & Install 1.25-inch PE Water Service in ROW by Trenching	Lin. Ft.	1600	\$65.00	\$104,000.00	\$57.00	\$91,200.00	\$60.00	\$96,000.00	\$71.00	\$113,600.00	\$50.00	\$80,000.00	\$73.00	\$116,800.00	\$61.00	\$97,600.00	\$59.00	\$94,400.00	\$56.28	\$90,048.00	\$42.00	\$67,200.00	\$92.00	\$147,200.00	\$78.00	\$124,800.00	
21	202.2.2	Furnish & Install 1.25-inch PE Water Service in ROW by Pulling	Lin. Ft.	100	\$60.00	\$6,000.00	\$15.00	\$1,500.00	\$50.00	\$5,000.00	\$71.00	\$7,100.00	\$28.00	\$2,800.00	\$30.00	\$3,000.00	\$61.00	\$6,100.00	\$35.00	\$3,500.00	\$56.56	\$5,656.00	\$30.00	\$3,000.00	\$31.50	\$3,150.00	\$63.00	\$6,300.00	
22	202.3.2	Furnish & Install 1.25-inch PE Water Service in ROW by Drilling	Lin. Ft.	100	\$60.00	\$6,000.00	\$30.90	\$3,090.00	\$50.00	\$5,000.00	\$71.00	\$7,100.00	\$40.00	\$4,000.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$31.70	\$3,170.00	\$85.85	\$8,585.00	\$30.00	\$3,000.00	\$31.50	\$3,150.00	\$32.00	\$3,200.00	
23	202.4.2	Furnish & Install 1.25-inch PE Water Service from ROW to Structure by	Lin. Ft.	100	\$50.00	\$5,000.00	\$30.90	\$3,090.00	\$30.00	\$3,000.00	\$31.00	\$3,100.00	\$30.75	\$3,075.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$31.70	\$3,170.00	\$31.21	\$3,121.00	\$32.00	\$3,200.00	\$31.50	\$3,150.00	\$62.00	\$6,200.00	
24	202.5.2	Furnish & Install 1.25-inch PE Water Service from ROW to Structure by	Lin. Ft.	100	\$60.00	\$6,000.00	\$30.90	\$3,090.00	\$30.00	\$3,000.00	\$31.00	\$3,100.00	\$30.75	\$3,075.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$31.70	\$3,170.00	\$31.21	\$3,121.00	\$30.00	\$3,000.00	\$31.50	\$3,150.00	\$32.00	\$3,200.00	
25	202.6.2	Furnish & Install 1.25-inch PE Water Service from ROW to Structure by	Lin. Ft.	100	\$60.00	\$6,000.00	\$30.90	\$3,090.00	\$30.00	\$3,000.00	\$31.00	\$3,100.00	\$30.75	\$3,075.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$31.70	\$3,170.00	\$31.21	\$3,121.00	\$30.00	\$3,000.00	\$31.50	\$3,150.00	\$32.00	\$3,200.00	
26	202.7.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Pulling	Lin. Ft.	2500	\$10.00	\$25,000.00	\$3.09	\$7,725.00	\$3.00	\$7,500.00	\$3.15	\$7,875.00	\$3.06	\$7,650.00	\$3.00	\$7,500.00	\$3.00	\$7,500.00	\$3.20	\$8,000.00	\$3.12	\$7,800.00	\$3.00	\$7,500.00	\$3.15	\$7,875.00	\$6.32	\$15,800.00	
27	202.8.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Excavation	Lin. Ft.	100	\$35.00	\$3,500.00	\$7.50	\$750.00	\$10.00	\$1,000.00	\$8.00	\$800.00	\$11.00	\$1,100.00	\$30.00	\$3,000.00	\$35.00	\$3,500.00	\$53.00	\$5,300.00	\$20.20	\$2,020.00	\$62.00	\$6,200.00	\$25.00	\$2,500.00	\$51.00	\$5,100.00	
28	202.9.2	Furnish & Install 1.25-inch Service Brass Set	Each	79	\$700.00	\$55,300.00	\$482.00	\$38,078.00	\$510.00	\$40,290.00	\$520.00	\$41,080.00	\$600.00	\$47,400.00	\$700.00	\$55,300.00	\$700.00	\$55,300.00	\$784.00	\$61,936.00	\$1,002.93	\$79,231.47	\$843.00	\$66,597.00	\$625.00	\$49,375.00	\$728.00	\$57,512.00	
29	203.1.1	Furnish & Install Cathodic Protection to Water Service	Each	6	\$200.00	\$1,200.00	\$230.00	\$1,380.00	\$120.00	\$720.00	\$165.00	\$990.00	\$150.00	\$900.00	\$200.00	\$1,200.00	\$73.00	\$438.00	\$147.00	\$882.00	\$220.18	\$1,321.08	\$93.00	\$558.00	\$150.00	\$900.00	\$204.00	\$1,224.00	
30	203.1.3	Water Service Connection to Structure Water Service Extra Hole (Curb Stop Connection)	Each	79	\$750.00	\$59,250.00	\$824.00	\$65,096.00	\$800.00	\$63,200.00	\$820.00	\$64,780.00	\$816.00	\$64,464.00	\$800.00	\$63,200.00	\$800.00	\$63,200.00	\$845.00	\$66,755.00	\$832.24	\$65,746.96	\$800.00	\$63,200.00	\$840.00	\$66,360.00	\$1,687.00	\$133,273.00	
31	203.1.4	Abandon Valve Box	Each	3	\$750.00	\$2,250.00	\$515.00	\$1,545.00	\$500.00	\$1,500.00	\$510.00	\$1,530.00	\$510.00	\$1,530.00	\$500.00	\$1,500.00	\$510.00	\$1,530.00	\$528.00	\$1,584.00	\$520.15	\$1,560.45	\$500.00	\$1,500.00	\$525.00	\$1,575.00	\$514.00	\$1,542.00	
32	203.1.6	Abandon Valve Manhole	Each	7	\$500.00	\$3,500.00	\$200.00	\$1,400.00	\$300.00	\$2,100.00	\$200.00	\$1,400.00	\$150.00	\$1,050.00	\$150.00	\$1,050.00													

**Contract 1-23
Street, Sanitary & Storm Sewer, and Water Main Construction
Burr Avenue, Chestnut Street, Dieckhoff Street, and Laudan Boulevard**

Line Item	Item Code	Item Description	Unit of Measure	QTY	Engineer Estimate Unit Price	Extension	Don E Parker Excavating Unit Price	Extension	Don Hietpas and Sons Inc. Unit Price	Extension	Robert Immel Excavating Unit Price	Extension	David Tenor Corporation Unit Price	Extension	Carl Bowers & Sons Const. Co. Inc. Unit Price	Extension	Kruczek Construction Inc. Unit Price	Extension	Dorner Inc. Unit Price	Extension	De Groot Inc. Unit Price	Extension	Advance Construction Inc. Unit Price	Extension	Jossart Brothers, Inc. Unit Price	Extension	Superior Sewer and Water inc. Unit Price	Extension
	Base Bid Storm																											
38	301.4	Furnish and Relay 10-inch Storm Sewer	Lin. Ft.	380	\$65.00	\$24,700.00	\$56.90	\$21,622.00	\$70.00	\$26,600.00	\$48.70	\$18,506.00	\$60.00	\$22,800.00	\$74.00	\$28,120.00	\$50.00	\$19,000.00	\$64.00	\$24,320.00	\$63.05	\$23,959.00	\$83.00	\$31,540.00	\$80.00	\$30,400.00	\$82.00	\$31,160.00
39	301.5	Furnish and Relay 12-inch Storm Sewer	Lin. Ft.	1410	\$60.00	\$84,600.00	\$58.95	\$83,119.50	\$54.00	\$76,140.00	\$52.80	\$74,448.00	\$64.00	\$90,240.00	\$68.00	\$95,880.00	\$54.00	\$76,140.00	\$47.00	\$66,270.00	\$56.67	\$79,904.70	\$65.00	\$91,650.00	\$80.00	\$112,800.00	\$52.00	\$73,320.00
40	301.5.1	Furnish and Relay 15-inch Storm Sewer	Lin. Ft.	640	\$70.00	\$44,800.00	\$59.95	\$38,368.00	\$60.00	\$38,400.00	\$65.00	\$41,600.00	\$73.00	\$46,720.00	\$70.00	\$44,800.00	\$64.00	\$40,960.00	\$67.00	\$42,880.00	\$70.97	\$45,420.80	\$70.50	\$45,120.00	\$82.00	\$52,480.00	\$1,117.00	\$714,880.00
41	303.1	Furnish and Install 4-inch Storm Sewer Lateral	Lin. Ft.	900	\$50.00	\$45,000.00	\$48.20	\$43,380.00	\$50.00	\$45,000.00	\$59.50	\$53,550.00	\$50.00	\$45,000.00	\$50.00	\$45,000.00	\$46.00	\$41,400.00	\$47.00	\$42,300.00	\$49.31	\$44,379.00	\$45.00	\$40,500.00	\$77.00	\$69,300.00	\$602.00	\$541,800.00
42	304.1	Furnish and Install Sump pump Pit (separate)	Each	10	\$250.00	\$2,500.00	\$412.00	\$4,120.00	\$400.00	\$4,000.00	\$410.00	\$4,100.00	\$408.00	\$4,080.00	\$400.00	\$4,000.00	\$400.00	\$4,000.00	\$422.00	\$4,220.00	\$416.12	\$4,161.20	\$400.00	\$4,000.00	\$420.00	\$4,200.00	\$2,707.00	\$27,070.00
43	304.2	Furnish and Install Sump Pump pit w/ Sanitary Pipeburst	Each	3	\$600.00	\$1,800.00	\$257.50	\$772.50	\$250.00	\$750.00	\$255.00	\$765.00	\$255.00	\$765.00	\$250.00	\$750.00	\$255.00	\$765.00	\$264.00	\$792.00	\$260.08	\$780.24	\$250.00	\$750.00	\$275.00	\$825.00	\$463.00	\$1,389.00
44	305.1	Furnish and Install Catch Basin	Each	16	\$2,250.00	\$36,000.00	\$1,967.00	\$31,472.00	\$2,100.00	\$33,600.00	\$2,585.00	\$41,360.00	\$2,000.00	\$32,000.00	\$1,600.00	\$25,600.00	\$2,275.00	\$36,400.00	\$2,561.00	\$40,976.00	\$2,431.79	\$38,908.64	\$2,100.00	\$33,600.00	\$2,150.00	\$34,400.00	\$150.00	\$2,400.00
45	305.8	Adjust Storm Catch Basin	Each	2	\$400.00	\$800.00	\$700.00	\$1,400.00	\$350.00	\$700.00	\$450.00	\$900.00	\$365.00	\$730.00	\$300.00	\$600.00	\$525.00	\$1,050.00	\$659.00	\$1,318.00	\$858.50	\$1,717.00	\$500.00	\$1,000.00	\$700.00	\$1,400.00	\$454.00	\$908.00
46	305.9	Remove Storm Catch Basin	Each	16	\$350.00	\$5,600.00	\$250.00	\$4,000.00	\$200.00	\$3,200.00	\$420.00	\$6,720.00	\$300.00	\$4,800.00	\$200.00	\$3,200.00	\$250.00	\$4,000.00	\$462.00	\$7,392.00	\$252.50	\$4,040.00	\$300.00	\$4,800.00	\$400.00	\$6,400.00	\$566.00	\$9,056.00
47	306.1	Furnish and Install Storm Manhole	Vert Ft	31	\$700.00	\$21,700.00	\$512.75	\$15,895.25	\$545.00	\$16,895.00	\$625.00	\$19,375.00	\$685.00	\$21,235.00	\$500.00	\$15,500.00	\$608.00	\$18,848.00	\$677.00	\$20,987.00	\$786.25	\$24,373.75	\$626.00	\$19,406.00	\$675.00	\$20,925.00	\$149.00	\$4,619.00
48	306.8	Adjust Storm Manhole	Each	2	\$450.00	\$900.00	\$700.00	\$1,400.00	\$350.00	\$700.00	\$450.00	\$900.00	\$400.00	\$800.00	\$400.00	\$800.00	\$700.00	\$1,400.00	\$659.00	\$1,318.00	\$707.00	\$1,414.00	\$500.00	\$1,000.00	\$650.00	\$1,300.00	\$100.00	\$200.00
49	306.9	Remove Storm Manhole	Each	8	\$500.00	\$4,000.00	\$250.00	\$2,000.00	\$400.00	\$3,200.00	\$470.00	\$3,760.00	\$350.00	\$2,800.00	\$400.00	\$3,200.00	\$350.00	\$2,800.00	\$411.00	\$3,288.00	\$505.00	\$4,040.00	\$500.00	\$4,000.00	\$500.00	\$4,000.00	\$2.11	\$16.88
50	308.2.4	Install and Maintain Type "D" Inlet Protection	Each	22	\$125.00	\$2,750.00	\$72.10	\$1,586.20	\$100.00	\$2,200.00	\$90.00	\$1,980.00	\$100.00	\$2,200.00	\$100.00	\$2,200.00	\$100.00	\$2,200.00	\$105.00	\$2,310.00	\$151.50	\$3,333.00	\$105.00	\$2,310.00	\$100.00	\$2,200.00	\$2.57	\$56.54
	Total Storm Bid					\$275,150.00		\$249,135.45		\$251,385.00		\$267,964.00		\$274,170.00		\$269,650.00		\$248,963.00		\$258,371.00		\$276,431.33		\$279,676.00		\$340,630.00		\$1,406,875.42
	Base Bid HMA																											
51	402.2.6.2	Remove Existing Pavement and Maintain Utility Trench	Lin. Ft.	12000	\$2.00	\$24,000.00	\$0.75	\$9,000.00	\$1.75	\$21,000.00	\$1.30	\$15,600.00	\$1.00	\$12,000.00	\$0.01	\$120.00	\$2.00	\$24,000.00	\$1.30	\$15,600.00	\$1.16	\$13,920.00	\$3.00	\$36,000.00	\$1.00	\$12,000.00	\$2.11	\$25,320.00
52	405.1	Sawcut Existing Bituminous Pavement	Lin. Ft.	500	\$2.00	\$1,000.00	\$1.55	\$775.00	\$3.00	\$1,500.00	\$1.55	\$775.00	\$1.53	\$765.00	\$2.00	\$1,000.00	\$2.00	\$1,000.00	\$2.10	\$1,050.00	\$2.27	\$1,135.00	\$2.00	\$1,000.00	\$3.00	\$1,500.00	\$2.57	\$1,285.00
53	402.2.6.1	Remove Existing Bituminous Pavement	Sq. Yd.	13000	\$2.00	\$26,000.00	\$0.01	\$130.00	\$0.01	\$130.00	\$0.01	\$130.00	\$1.80	\$23,400.00	\$0.70	\$9,100.00	\$0.01	\$130.00	\$0.01	\$130.00	\$0.01	\$130.00	\$4.50	\$58,500.00	\$0.01	\$130.00	\$0.01	\$130.00
54	403.2.5.1	Remove Concrete Curb and Gutter	Lin. Ft.	6700	\$3.00	\$20,100.00	\$1.55	\$10,385.00	\$0.01	\$67.00	\$1.55	\$10,385.00	\$2.90	\$19,430.00	\$3.00	\$20,100.00	\$0.01	\$67.00	\$0.01	\$67.00	\$2.02	\$13,534.00	\$5.00	\$33,500.00	\$0.01	\$67.00	\$0.01	\$67.00
55	404.4.5	Remove Concrete Sidewalk/Driveway Apron	Sq. Ft.	20000	\$2.00	\$40,000.00	\$0.36	\$7,200.00	\$1.50	\$30,000.00	\$0.35	\$7,000.00	\$0.36	\$7,200.00	\$0.75	\$15,000.00	\$1.50	\$30,000.00	\$1.60	\$32,000.00	\$1.57	\$31,400.00	\$0.60	\$12,000.00	\$1.57	\$31,400.00	\$1.54	\$30,800.00
56	402.1.7.4	Unclassified Excavation	Cu. Yd.	9000	\$14.00	\$126,000.00	\$9.99	\$89,910.00	\$13.41	\$120,690.00	\$9.90	\$89,100.00	\$9.90	\$89,100.00	\$10.30	\$92,700.00	\$13.68	\$123,120.00	\$14.20	\$127,800.00	\$14.96	\$134,640.00	\$14.66	\$131,940.00	\$18.00	\$162,000.00	\$17.58	\$158,220.00
57	402.1.4.11	Furnish and Install Geogrid	Sq. Yd.	15000	\$2.50	\$37,500.00	\$1.90	\$28,500.00	\$2.00	\$30,000.00	\$1.90	\$28,500.00	\$1.89	\$28,350.00	\$1.40	\$21,000.00	\$2.00	\$30,000.00	\$2.10	\$31,500.00	\$2.59	\$38,850.00	\$2.15	\$32,250.00	\$2.10	\$31,500.00	\$2.06	\$30,900.00
58	401.1.1	Furnish and Install Crushed Aggregate Base	Ton	11000	\$13.00	\$143,000.00	\$15.86	\$174,460.00	\$12.99	\$142,890.00	\$15.70	\$172,700.00	\$15.70	\$172,700.00	\$11.80	\$129,800.00	\$13.25	\$145,750.00	\$13.70	\$150,700.00	\$13.42	\$147,620.00	\$13.26	\$145,860.00	\$13.63	\$149,930.00	\$13.40	\$147,400.00
59	403.2.1.7	Furnish and Install 30-inch Concrete Curb and Gutter (continuous)	Lin. Ft.	6600	\$14.00	\$92,400.00	\$16.48	\$108,768.00	\$14.65	\$96,690.00	\$16.35	\$107,910.00	\$15.97	\$105,402.00	\$16.00	\$105,600.00	\$15.00	\$99,000.00	\$15.50	\$102,300.00	\$16.25	\$107,250.00	\$20.00	\$132,000.00	\$15.38	\$101,508.00	\$15.08	\$99,528.00
60	403.2.1.8	Furnish and Install 30-inch Concrete Curb and Gutter (repair)	Lin. Ft.	100	\$40.00	\$4,000.00	\$61.80	\$6,180.00	\$55.00	\$5,500.00	\$60.00	\$6,000.00	\$56.10	\$5,610.00	\$60.00	\$6,000.00	\$56.00	\$5,600.00	\$58.10	\$5,810.00	\$57.22	\$5,722.00	\$70.00	\$7,000.00	\$57.75	\$5,775.00	\$56.00	\$5,600.00
61	404.3.2	Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	10000	\$8.00	\$80,000.00	\$6.64	\$66,400.00	\$6.55	\$65,500.00	\$6.58	\$65,800.00	\$6.68	\$66,800.00	\$6.45	\$64,500.00	\$6.68	\$66,800.00	\$6.90	\$69,000.00	\$6.82	\$68,200.00	\$6.95	\$69,500.00	\$6.87	\$68,700.00	\$6.75	\$67,500.00
62	404.1.1	Furnish and Install 4" Concrete Sidewalk	Sq. Ft.	10000	\$7.00	\$70,000.00	\$6.34	\$63,400.00	\$5.70	\$57,000.00	\$6.28	\$62,800.00	\$5.81	\$58,100.00	\$6.15	\$61,500.00	\$5.81	\$58,100.00	\$6.00	\$60,000.00	\$5.93	\$59,300.00	\$6.65	\$66,500.00	\$6.00	\$60,000.00	\$5.87	\$58,700.00
63	706.2	Install Detectable Warning Fields (supplied by City)	Each	30	\$55.00	\$1,650.00	\$77.25	\$2,317.50	\$50.00	\$1,500.00	\$75.00	\$2,250.00	\$51.50	\$1,545.00	\$75.00	\$2,250.00	\$50.00	\$1,500.00	\$53.00	\$1,590.00	\$52.02	\$1,560.60	\$75.00	\$2,250.00	\$52.50	\$1,575.00	\$51.48	\$1,544.40
64	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	550	\$1.50	\$825.00	\$2.06	\$1,133.00	\$2.00	\$1,100.00	\$2.05	\$1,127.50	\$2.04	\$1,122.00	\$2.00	\$1,100.00	\$2.00	\$1,100.00	\$2.10	\$1,155.00	\$2.08	\$1,144.00	\$2.00	\$1,100.00	\$2.10	\$1,155.00	\$2.06	\$1,133.00
65	102.1.5.3.1	Fine Grade Roadway	Sq. Yd.	12000	\$2.00	\$24,000.00	\$1.85	\$22,200.00	\$1.82	\$21,840.00	\$1.85	\$22,200.00	\$1.99	\$23,880.00	\$1.80	\$21,600.00	\$1.85	\$22,200.00	\$1.90	\$22,800.00	\$1.87	\$22,440.00	\$1.80	\$21,600.00	\$1.90	\$22,800.00	\$1.85	\$22,200.00
66	402.2.3.1	Furnish and Install HMA Pavement (4-inch)	Ton	2750	\$77.00	\$211,750.00	\$75.60	\$207,900.00	\$74.13	\$203,857.50	\$74.90	\$205,975.00	\$79.94	\$219,835.00	\$73.40	\$201,850.00	\$75.00	\$206,250.00	\$77.50	\$213,125.00	\$76.36	\$209,990.00	\$73.40	\$201,850.00	\$77.00	\$211,750.00	\$75.50	\$207,625.00
67	505.1	Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	5000	\$10.00	\$50,000.00	\$7.72	\$38,600.00	\$8.50	\$42,500.00	\$7.65	\$38,250.00	\$5.87	\$29,350.00	\$8.00	\$40,000.00	\$8.50	\$42,500.00	\$9.00	\$45,000.00	\$8.85	\$44,250.00	\$9.81	\$49,050.00	\$9.00	\$45,000.00	\$2.10	\$10,500.00
68	706.1	Install and Maintain Traffic Control	Lump Sum	1	\$40,000.00	\$40,000.00	\$19,040.00	\$19,040.00	\$41,080.00	\$41,080.00	\$8,100.00	\$8,100.00	\$8,670.00	\$8,670.00	\$8,000.00	\$8,000.00	\$45,000.00	\$45,000.00	\$8,974.00	\$8,974.00	\$8,842.55	\$8,842.55	\$1					

**Contract 1-23
Street, Sanitary & Storm Sewer, and Water Main Construction
Burr Avenue, Chestnut Street, Dieckhoff Street, and Laudan Boulevard**

Line Item	Item Code	Item Description	Unit of Measure	QTY	Engineer Estimate Unit Price	Extension	Don E Parker Excavating Unit Price	Extension	Don Hietpas and Sons Inc. Unit Price	Extension	Robert Immel Excavating Unit Price	Extension	David Tenor Corporation Unit Price	Extension	Carl Bowers & Sons Const. Co. Inc. Unit Price	Extension	Kruczek Construction Inc. Unit Price	Extension	Dorner Inc. Unit Price	Extension	De Groot Inc. Unit Price	Extension	Advance Construction Inc. Unit Price	Extension	Jossart Brothers, Inc. Unit Price	Extension	Superior Sewer and Water inc. Unit Price	Extension
73	404.4.5	Remove Concrete Sidewalk/Driveway Apron	Sq. Ft.	20000	\$2.00	\$40,000.00	\$1.55	\$31,000.00	\$1.50	\$30,000.00	\$0.35	\$7,000.00	\$1.53	\$30,600.00	\$0.75	\$15,000.00	\$1.50	\$30,000.00	\$1.60	\$32,000.00	\$1.57	\$31,400.00	\$0.60	\$12,000.00	\$1.57	\$31,400.00	\$1.54	\$30,800.00
74	402.1.7.4	Unclassified Excavation	Cu. Yd.	7250	\$14.00	\$101,500.00	\$14.63	\$106,067.50	\$14.20	\$102,950.00	\$12.25	\$88,812.50	\$14.48	\$104,980.00	\$10.30	\$74,675.00	\$14.50	\$105,125.00	\$15.00	\$108,750.00	\$14.78	\$107,155.00	\$14.66	\$106,285.00	\$20.50	\$148,625.00	\$14.60	\$105,850.00
75	402.1.4.11	Furnish and Install Geogrid	Sq. Yd.	15000	\$2.50	\$37,500.00	\$2.06	\$30,900.00	\$2.00	\$30,000.00	\$1.90	\$28,500.00	\$2.04	\$30,600.00	\$1.60	\$24,000.00	\$2.00	\$30,000.00	\$2.10	\$31,500.00	\$2.08	\$31,200.00	\$2.15	\$32,250.00	\$2.10	\$31,500.00	\$2.06	\$30,900.00
76	401.1.1	Furnish and Install Crushed Aggregate Base	Ton	7500	\$13.00	\$97,500.00	\$9.01	\$67,575.00	\$8.75	\$65,625.00	\$15.70	\$117,750.00	\$8.92	\$66,900.00	\$12.00	\$90,000.00	\$9.00	\$67,500.00	\$9.20	\$69,000.00	\$9.10	\$68,250.00	\$12.80	\$96,000.00	\$9.18	\$68,850.00	\$9.00	\$67,500.00
77	402.1.1.4	Concrete Pavement 7-Inch	Sq. Yd.	12000	\$42.00	\$504,000.00	\$47.30	\$567,600.00	\$42.75	\$513,000.00	\$47.70	\$572,400.00	\$43.60	\$523,200.00	\$44.00	\$528,000.00	\$43.60	\$523,200.00	\$48.45	\$581,400.00	\$47.29	\$567,480.00	\$42.75	\$513,000.00	\$44.88	\$538,560.00	\$46.00	\$552,000.00
78	403.2.1.1	Furnish and Install Concrete Curb & Gutter	Lin. Ft.	350	\$40.00	\$14,000.00	\$51.50	\$18,025.00	\$50.00	\$17,500.00	\$60.00	\$21,000.00	\$51.00	\$17,850.00	\$45.00	\$15,750.00	\$50.00	\$17,500.00	\$52.80	\$18,480.00	\$52.02	\$18,207.00	\$49.00	\$17,150.00	\$52.50	\$18,375.00	\$51.00	\$17,850.00
79	404.3.2	Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	10000	\$8.00	\$80,000.00	\$6.75	\$67,500.00	\$6.55	\$65,500.00	\$6.58	\$65,800.00	\$6.68	\$66,800.00	\$7.05	\$70,500.00	\$6.68	\$66,800.00	\$6.90	\$69,000.00	\$6.82	\$68,200.00	\$7.55	\$75,500.00	\$6.87	\$68,700.00	\$6.75	\$67,500.00
80	404.1.1	Furnish and Install 4" Concrete Sidewalk	Sq. Ft.	10000	\$7.00	\$70,000.00	\$5.87	\$58,700.00	\$5.70	\$57,000.00	\$6.28	\$62,800.00	\$5.81	\$58,100.00	\$6.20	\$62,000.00	\$5.80	\$58,000.00	\$6.00	\$60,000.00	\$5.93	\$59,300.00	\$6.70	\$67,000.00	\$6.00	\$60,000.00	\$5.87	\$58,700.00
81	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	200	\$1.50	\$300.00	\$2.06	\$412.00	\$2.00	\$400.00	\$2.05	\$410.00	\$2.04	\$408.00	\$2.00	\$400.00	\$2.00	\$400.00	\$2.10	\$420.00	\$2.08	\$416.00	\$2.00	\$400.00	\$2.10	\$420.00	\$2.06	\$412.00
82	102.1.5.3.1	Fine Grade Roadway	Sq. Yd.	3200	\$2.00	\$6,400.00	\$3.09	\$9,888.00	\$3.03	\$9,696.00	\$3.10	\$9,920.00	\$3.06	\$9,792.00	\$3.00	\$9,600.00	\$3.00	\$9,600.00	\$3.20	\$10,240.00	\$3.12	\$9,984.00	\$3.00	\$9,600.00	\$3.15	\$10,080.00	\$3.20	\$10,240.00
83	402.2.3.1	Furnish and Install HMA Pavement (4-inch)	Ton	740	\$175.00	\$129,500.00	\$80.13	\$59,296.20	\$78.58	\$58,149.20	\$80.00	\$59,200.00	\$79.36	\$58,726.40	\$77.80	\$57,572.00	\$79.40	\$58,756.00	\$82.10	\$60,754.00	\$80.93	\$59,888.20	\$77.80	\$57,572.00	\$81.70	\$60,458.00	\$80.00	\$59,200.00
84	505.1	Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	5000	\$10.00	\$50,000.00	\$8.76	\$43,800.00	\$8.50	\$42,500.00	\$9.20	\$46,000.00	\$7.40	\$37,000.00	\$8.00	\$40,000.00	\$8.50	\$42,500.00	\$9.00	\$45,000.00	\$8.85	\$44,250.00	\$9.81	\$49,050.00	\$9.00	\$45,000.00	\$10.85	\$54,250.00
85	706.1	Install and Maintain Traffic Control	Lump Sum	1	\$40,000.00	\$40,000.00	\$20,255.00	\$20,255.00	\$46,585.00	\$46,585.00	\$8,700.00	\$8,700.00	\$47,430.00	\$47,430.00	\$8,500.00	\$8,500.00	\$45,900.00	\$45,900.00	\$49,092.00	\$49,092.00	\$8,842.55	\$8,842.55	\$18,500.00	\$18,500.00	\$10,000.00	\$10,000.00	\$8,750.00	\$8,750.00
Total Alternate Bid						\$1,241,500.00	\$1,091,214.70	\$1,061,601.20	\$1,115,027.50	\$1,065,543.40	\$1,054,797.00	\$1,080,477.00	\$1,152,482.00	\$1,103,219.75	\$1,182,807.00	\$1,105,664.00	\$1,090,753.00											
Total Base Bid w/Alternative						\$3,066,750.00	\$2,709,655.70	\$2,725,158.20	\$2,841,289.30	\$2,764,613.40	\$2,836,663.50	\$2,830,360.00	\$2,947,803.00	\$2,981,163.84	\$3,074,782.80	\$3,256,960.00	\$4,217,347.42											

Contract 2-23
Sewer, Water Main & Water Services, and Street Construction
Brantwood Dr, Brantwood Ct, Charles Ct, Hughes Ct, Memorial Ct and Patrick Ct

Line Item	Item Code	Item Description	UofM	QTY	Engineer Estimate Unit Price	Extension	David Tenor Corporation Unit Price	Extension	Carl Bowers & Sons Const Co. Inc. Unit Price	Extension	Robert Immel Excavating Unit Price	Extension	Don Hietpas and Sons Inc. Unit Price	Extension	Wood Sewer & Excavating Unit Price	Extension	Kruczek Construction Inc. Unit Price	Extension	De Groot Inc Unit Price	Extension	Dorner Inc. Unit Price	Extension	Don E Parker Excavating Unit Price	Extension
Base Bid Sanitary																								
1	103.1	Furnish and Pipeburst 4-inch Sanitary Lateral	Lin. Ft.	380	\$15.00	\$5,700.00	\$5.10	\$1,938.00	\$5.00	\$1,900.00	\$5.00	\$1,900.00	\$5.05	\$1,919.00	\$5.10	\$1,938.00	\$5.00	\$1,900.00	\$5.15	\$1,957.00	\$5.30	\$2,014.00	\$5.25	\$1,995.00
2	103.4	Reconnect Under Basement Floor - Pipeburst	Each	6	\$2,000.00	\$12,000.00	\$2,550.00	\$15,300.00	\$2,500.00	\$15,000.00	\$2,500.00	\$15,000.00	\$2,525.00	\$15,150.00	\$2,536.00	\$15,216.00	\$3,900.00	\$23,400.00	\$2,600.75	\$15,604.50	\$2,639.00	\$15,834.00	\$2,625.00	\$15,750.00
3	105.2	Adjust Sanitary Manhole	Each	13	\$600.00	\$7,800.00	\$400.00	\$5,200.00	\$500.00	\$6,500.00	\$575.00	\$7,475.00	\$600.00	\$7,800.00	\$606.00	\$7,878.00	\$500.00	\$6,500.00	\$813.05	\$10,569.65	\$659.00	\$8,567.00	\$950.00	\$12,350.00
4	105.2N	Furnish and install Chimney Seal	Eash	13	\$500.00	\$6,500.00	\$410.00	\$5,330.00	\$500.00	\$6,500.00	\$600.00	\$7,800.00	\$510.00	\$6,630.00	\$674.00	\$8,762.00	\$450.00	\$5,850.00	\$414.10	\$5,383.30	\$424.00	\$5,512.00	\$510.00	\$6,630.00
Total Sanitary Sewer						\$32,000.00	\$27,768.00	\$29,900.00	\$32,175.00	\$31,499.00	\$33,794.00	\$37,650.00	\$33,514.45	\$31,927.00	\$36,725.00									
Base Bid Water																								
5	201.1.1	Furnish & Install 6-inch PVC C-900 Main	Lin. Ft.	60	\$80.00	\$4,800.00	\$184.00	\$11,040.00	\$142.00	\$8,520.00	\$225.00	\$13,500.00	\$135.00	\$8,100.00	\$129.00	\$7,740.00	\$211.00	\$12,660.00	\$79.54	\$4,772.40	\$150.00	\$9,000.00	\$236.45	\$14,187.00
6	201.1.2	Furnish & Install 8-inch PVC C-900 Main	Lin. Ft.	3080	\$85.00	\$261,800.00	\$83.00	\$255,640.00	\$84.00	\$258,720.00	\$85.25	\$262,570.00	\$88.76	\$273,380.80	\$89.50	\$275,660.00	\$90.00	\$277,200.00	\$95.20	\$293,216.00	\$100.00	\$308,000.00	\$91.20	\$280,896.00
7	201.1.2N	Furnish & Install 1.25-inch PE Service in ROW from main to shutoff by Trenching / Pulling / Boring	Lin. Ft.	2000	\$65.00	\$130,000.00	\$59.00	\$118,000.00	\$57.00	\$114,000.00	\$58.50	\$117,000.00	\$59.00	\$118,000.00	\$49.00	\$98,000.00	\$57.00	\$114,000.00	\$65.52	\$131,040.00	\$62.00	\$124,000.00	\$84.15	\$168,300.00
8	202.7.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Pulling w/Sanitary Sewer Pipeburst	Lin. Ft.	100	\$10.00	\$1,000.00	\$5.10	\$510.00	\$50.00	\$5,000.00	\$5.00	\$500.00	\$5.05	\$505.00	\$6.70	\$670.00	\$3.00	\$300.00	\$8.32	\$832.00	\$5.30	\$530.00	\$5.25	\$525.00
9	202.9.2	Furnish & Install 1.25-inch Service Brass Set	Each	77	\$700.00	\$53,900.00	\$600.00	\$46,200.00	\$700.00	\$53,900.00	\$580.00	\$44,660.00	\$510.00	\$39,270.00	\$618.00	\$47,586.00	\$536.00	\$41,272.00	\$1,255.43	\$96,668.11	\$696.00	\$53,592.00	\$734.00	\$56,518.00
10	203.1.1	Furnish & Install Cathodic Protection to Water Service	Each	77	\$200.00	\$15,400.00	\$143.00	\$11,011.00	\$150.00	\$11,550.00	\$120.00	\$9,240.00	\$120.00	\$9,240.00	\$125.00	\$9,625.00	\$79.50	\$6,121.50	\$169.68	\$13,065.36	\$147.00	\$11,319.00	\$225.00	\$17,325.00
11	203.1.3	Water Service Connection to Structure	Each	2	\$750.00	\$1,500.00	\$510.00	\$1,020.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$505.00	\$1,010.00	\$2,355.00	\$4,710.00	\$1,660.00	\$3,320.00	\$676.20	\$1,352.40	\$528.00	\$1,056.00	\$525.00	\$1,050.00
12	203.1.6	Abandon Valve Box	Each	11	\$500.00	\$5,500.00	\$150.00	\$1,650.00	\$150.00	\$1,650.00	\$200.00	\$2,200.00	\$200.00	\$2,200.00	\$300.00	\$3,300.00	\$130.00	\$1,430.00	\$151.50	\$1,666.50	\$132.00	\$1,452.00	\$200.00	\$2,200.00
13	204.2.4	Furnish & Install 8-inch MJRW Valve and Box	Each	7	\$2,500.00	\$17,500.00	\$2,915.00	\$20,405.00	\$3,000.00	\$21,000.00	\$2,520.00	\$17,640.00	\$2,550.00	\$17,850.00	\$3,256.00	\$22,792.00	\$2,825.00	\$19,775.00	\$3,268.07	\$22,876.49	\$3,154.00	\$22,078.00	\$2,834.00	\$19,838.00
14	204.1.3	Furnish & Install 6-inch Live Tap and Valve	Each	2	\$5,000.00	\$10,000.00	\$4,100.00	\$8,200.00	\$4,000.00	\$8,000.00	\$5,580.00	\$11,160.00	\$6,000.00	\$12,000.00	\$4,069.00	\$8,138.00	\$4,300.00	\$8,600.00	\$5,368.15	\$10,736.30	\$6,406.00	\$12,812.00	\$5,588.00	\$11,176.00
15	204.1.4	Furnish & Install 8-inch Live Tap and Valve	Each	2	\$7,000.00	\$14,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$6,370.00	\$12,740.00	\$6,800.00	\$13,600.00	\$5,106.00	\$10,212.00	\$5,200.00	\$10,400.00	\$6,285.23	\$12,570.46	\$7,512.00	\$15,024.00	\$6,359.00	\$12,718.00
16	205.1	Furnish & Install Hydrant, Lead and Valve	Each	9	\$7,500.00	\$67,500.00	\$8,250.00	\$74,250.00	\$8,000.00	\$72,000.00	\$7,290.00	\$65,610.00	\$7,500.00	\$67,500.00	\$8,781.00	\$79,029.00	\$8,300.00	\$74,700.00	\$8,831.77	\$79,485.93	\$8,694.00	\$78,246.00	\$8,025.00	\$72,225.00
17	205.2	Abandon Hydrant	Each	4	\$500.00	\$2,000.00	\$350.00	\$1,400.00	\$400.00	\$1,600.00	\$200.00	\$800.00	\$400.00	\$1,600.00	\$336.00	\$1,344.00	\$250.00	\$1,000.00	\$555.50	\$2,222.00	\$452.00	\$1,808.00	\$250.00	\$1,000.00
Total Water						\$584,900.00	\$559,326.00	\$566,940.00	\$558,620.00	\$564,255.80	\$568,806.00	\$570,778.50	\$670,503.95	\$638,917.00	\$657,958.00									
Base Bid Storm																								
18	301.4	Furnish and Relay 10-inch Storm Sewer	Lin. Ft.	33	\$65.00	\$2,145.00	\$60.00	\$1,980.00	\$65.00	\$2,145.00	\$59.50	\$1,963.50	\$48.00	\$1,584.00	\$50.00	\$1,650.00	\$59.00	\$1,947.00	\$93.22	\$3,076.26	\$65.00	\$2,145.00	\$100.15	\$3,304.95
19	305.1	Furnish and Install Catch Basin	Each	1	\$2,250.00	\$2,250.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,625.00	\$2,625.00	\$2,350.00	\$2,350.00	\$2,298.00	\$2,298.00	\$2,370.50	\$2,370.50	\$3,030.00	\$3,030.00	\$2,163.00	\$2,163.00	\$3,050.00	\$3,050.00
20	305.8	Adjust Storm Catch Basin	Each	18	\$400.00	\$7,200.00	\$350.00	\$6,300.00	\$400.00	\$7,200.00	\$650.00	\$11,700.00	\$675.00	\$12,150.00	\$471.00	\$8,478.00	\$500.00	\$9,000.00	\$909.00	\$16,362.00	\$659.00	\$11,862.00	\$700.00	\$12,600.00
21	305.9	Remove Storm Catch Basin	Each	1	\$350.00	\$350.00	\$300.00	\$300.00	\$250.00	\$250.00	\$375.00	\$375.00	\$200.00	\$200.00	\$269.00	\$269.00	\$268.00	\$268.00	\$404.00	\$404.00	\$280.00	\$280.00	\$450.00	\$450.00
22	306.8	Adjust Storm Manhole	Each	12	\$450.00	\$5,400.00	\$375.00	\$4,500.00	\$400.00	\$4,800.00	\$575.00	\$6,900.00	\$600.00	\$7,200.00	\$538.00	\$6,456.00	\$508.00	\$6,096.00	\$808.00	\$9,696.00	\$659.00	\$7,908.00	\$950.00	\$11,400.00
23	308.2.4	Install and Maintain Type "D" Inlet Protection	Each	22	\$125.00	\$2,750.00	\$95.00	\$2,090.00	\$100.00	\$2,200.00	\$90.00	\$1,980.00	\$88.88	\$1,955.36	\$91.50	\$2,013.00	\$218.00	\$4,796.00	\$101.00	\$2,222.00	\$106.00	\$2,332.00	\$84.00	\$1,848.00
Total Storm Sewer						\$20,095.00	\$17,170.00	\$18,595.00	\$25,543.50	\$25,439.36	\$21,164.00	\$24,477.50	\$34,790.26	\$26,690.00	\$32,652.95									
Base Bid HMA																								
24	402.2.6.2	Remove Existing Pavement and Maintain Utility Trench Sawcut Existing Bituminous Pavement	Lin. Ft.	5000	\$2.00	\$10,000.00	\$0.50	\$2,500.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$2.00	\$10,000.00	\$0.70	\$3,500.00	\$1.00	\$5,000.00	\$1.26	\$6,300.00	\$1.30	\$6,500.00	\$2.14	\$10,700.00
25	405.1	Remove Existing Bituminous Pavement	Lin. Ft.	500	\$2.00	\$1,000.00	\$1.50	\$750.00	\$2.00	\$1,000.00	\$1.25	\$625.00	\$2.50	\$1,250.00	\$2.00	\$1,000.00	\$1.25	\$625.00	\$2.53	\$1,265.00	\$2.40	\$1,200.00	\$2.25	\$1,125.00
26	402.2.6.1	Remove Existing Bituminous Pavement	Sq. Yd.	13500	\$2.00	\$27,000.00	\$0.81	\$10,935.00	\$1.00	\$13,500.00	\$0.85	\$11,475.00	\$0.80	\$10,800.00	\$0.81	\$10,935.00	\$0.80	\$10,800.00	\$0.83	\$11,205.00	\$1.70	\$22,950.00	\$0.84	\$11,340.00
27	403.2.5.1	Remove Concrete Curb and Gutter	Lin. Ft.	850	\$5.00	\$4,250.00	\$5.05	\$4,292.50	\$8.00	\$6,800.00	\$1.25	\$1,062.50	\$5.00	\$4,250.00	\$1.00	\$850.00	\$1.30	\$1,105.00	\$5.15	\$4,377.50	\$2.60	\$2,210.00	\$5.25	\$4,462.50

Contract 2-23
Sewer, Water Main & Water Services, and Street Construction
Brantwood Dr, Brantwood Ct, Charles Ct, Hughes Ct, Memorial Ct and Patrick Ct

Line Item	Item Code	Item Description	UofM	QTY	Engineer Estimate Unit Price	Extension	David Tenor Corporation Unit Price	Extension	Carl Bowers & Sons Const Co. Inc. Unit Price	Extension	Robert Immel Excavating Unit Price	Extension	Don Hietpas and Sons Inc. Unit Price	Extension	Wood Sewer & Excavating Unit Price	Extension	Kruczek Construction Inc. Unit Price	Extension	De Groot Inc Unit Price	Extension	Dorner Inc. Unit Price	Extension	Don E Parker Excavating Unit Price	Extension
28	404.4.5	Remove Concrete Sidewalk/Driveway Apron	Sq. Ft.	1000	\$1.75	\$1,750.00	\$2.53	\$2,530.00	\$1.00	\$1,000.00	\$0.85	\$850.00	\$2.50	\$2,500.00	\$1.70	\$1,700.00	\$0.90	\$900.00	\$2.58	\$2,580.00	\$0.75	\$750.00	\$2.63	\$2,630.00
29	402.1.7.4	Unclassified Excavation	Cu. Yd.	5000	\$14.00	\$70,000.00	\$12.53	\$62,650.00	\$12.00	\$60,000.00	\$7.65	\$38,250.00	\$12.40	\$62,000.00	\$7.50	\$37,500.00	\$7.55	\$37,750.00	\$12.78	\$63,900.00	\$15.50	\$77,500.00	\$13.02	\$65,100.00
30	401.1.1	Furnish and Install Crushed Aggregate Base	Ton	6000	\$13.00	\$78,000.00	\$9.65	\$57,900.00	\$12.40	\$74,400.00	\$13.80	\$82,800.00	\$9.55	\$57,300.00	\$13.50	\$81,000.00	\$13.70	\$82,200.00	\$9.84	\$59,040.00	\$15.50	\$93,000.00	\$10.02	\$60,120.00
31	402.1.4.1	Furnish and Install Geogrid	Sq. Yd.	9000	\$2.50	\$22,500.00	\$2.02	\$18,180.00	\$1.60	\$14,400.00	\$1.60	\$14,400.00	\$2.00	\$18,000.00	\$1.60	\$14,400.00	\$1.60	\$14,400.00	\$2.06	\$18,540.00	\$1.75	\$15,750.00	\$2.10	\$18,900.00
32	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	500	\$1.50	\$750.00	\$2.04	\$1,020.00	\$2.00	\$1,000.00	\$2.05	\$1,025.00	\$2.00	\$1,000.00	\$2.30	\$1,150.00	\$0.20	\$100.00	\$2.06	\$1,030.00	\$2.10	\$1,050.00	\$2.10	\$1,050.00
33	402.1.5.3	Fine Grade Roadway	Sq. Yd.	13500	\$2.00	\$27,000.00	\$1.88	\$25,380.00	\$1.85	\$24,975.00	\$1.90	\$25,650.00	\$1.87	\$25,245.00	\$1.90	\$25,650.00	\$1.90	\$25,650.00	\$1.91	\$25,785.00	\$2.00	\$27,000.00	\$1.95	\$26,325.00
34	402.2.3.1	Furnish and Install HMA Pavement (4-inch)	Ton	3100	\$80.00	\$248,000.00	\$75.38	\$233,678.00	\$74.00	\$229,400.00	\$75.25	\$233,275.00	\$74.64	\$231,384.00	\$75.00	\$232,500.00	\$75.35	\$233,585.00	\$76.13	\$236,003.00	\$78.00	\$241,800.00	\$77.60	\$240,560.00
35	403.2.1.1	Furnish and Install Concrete Curb & Gutter	Lin. Ft.	850	\$45.00	\$38,250.00	\$30.60	\$26,010.00	\$30.00	\$25,500.00	\$49.20	\$41,820.00	\$49.00	\$41,650.00	\$50.50	\$42,925.00	\$49.00	\$41,650.00	\$49.45	\$42,032.50	\$50.70	\$43,095.00	\$52.75	\$44,837.50
36	404.1.1	Furnish and Install 4" Concrete Sidewalk	Sq. Ft.	250	\$7.00	\$1,750.00	\$6.38	\$1,595.00	\$6.25	\$1,562.50	\$9.25	\$2,312.50	\$10.00	\$2,500.00	\$11.00	\$2,750.00	\$10.00	\$2,500.00	\$9.27	\$2,317.50	\$9.50	\$2,375.00	\$10.45	\$2,612.50
37	404.3.2	Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	750	\$8.00	\$6,000.00	\$7.40	\$5,550.00	\$7.25	\$5,437.50	\$10.25	\$7,687.50	\$10.00	\$7,500.00	\$11.50	\$8,625.00	\$10.00	\$7,500.00	\$10.30	\$7,725.00	\$10.60	\$7,950.00	\$11.50	\$8,625.00
38	706.2	Install Detectable Warning Fields (supplied by City)	Each	4	\$60.00	\$240.00	\$51.00	\$204.00	\$50.00	\$200.00	\$50.00	\$200.00	\$50.00	\$200.00	\$60.50	\$242.00	\$51.00	\$204.00	\$51.51	\$206.04	\$53.00	\$212.00	\$52.50	\$210.00
39	505.1	Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	500	\$10.00	\$5,000.00	\$8.97	\$4,485.00	\$10.00	\$5,000.00	\$8.50	\$4,250.00	\$9.25	\$4,625.00	\$18.50	\$9,250.00	\$8.25	\$4,125.00	\$11.11	\$5,555.00	\$9.70	\$4,850.00	\$10.50	\$5,250.00
40	706.1	Install and Maintain Traffic Control	Lump Sum	1	\$50,000.00	\$50,000.00	\$15,375.00	\$15,375.00	\$4,200.00	\$4,200.00	\$12,000.00	\$12,000.00	\$8,242.00	\$8,242.00	\$12,271.00	\$12,271.00	\$26,000.00	\$26,000.00	\$5,050.00	\$5,050.00	\$5,279.00	\$5,279.00	\$19,860.00	\$19,860.00
Total HMA Street						\$591,490.00	\$473,034.50	\$473,375.00	\$482,682.50	\$488,446.00	\$486,248.00	\$494,094.00	\$492,911.54	\$553,471.00	\$523,707.50									
Total Base Bid						\$1,228,485.00	\$1,077,298.50	\$1,088,810.00	\$1,099,021.00	\$1,109,640.16	\$1,110,012.00	\$1,127,000.00	\$1,231,720.20	\$1,251,005.00	\$1,251,043.45									

