

AGENDA

REGULAR WATER COMMISSION MEETING AND STORM WATER CITIZEN ADVISORY BOARD MEETING

Monday, February 26, 2024

4:30 P.M.

Hauser Room – 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 15, 2024 (Attachment)
2. Approve the Invoices for January 2024 (Attachment)
3. Appearances
4. Old Business/New Business
 - A. Approve Final Payment for 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. (Attachment)
 - B. Approve Final Payment for Contract 4-23 HMA Pavement Repairs (Attachment)
 - C. Award Contract 1-24W for the Removal and Replacement of Carbon Dioxide Tank and Related Appurtenances (Attachment)
 - D. Director's Report (Attachment)
 - E. Any Other Business That May Legally Come Before the Commission
 - F. 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 15, 2024
Hauser Room – City Hall

Present: President Schmeichel; Commissioners: Lang, Hemes, Steiner, and Bauman, and Director Mach

President Schmeichel called the meeting to order at 4:32 p.m.

Approve Meeting Minutes for December 18, 2023 – Following discussion, **M.S.C. Steiner/Bauman to approve the December 18, 2023 Meeting Minutes.** Commissioners Schmeichel, Lang, Steiner, and Bauman voting aye; Commissioner Hemes abstaining.

Approve the Invoices for December 2023 – Commissioners had questions about charges and invoices from Mulcahy Shaw Water, Inc., Synergy Service Group, and Van Rite Plumbing, Inc. Commissioners also asked about the Utility Bills in the Cash Activity Report. Director Mach explained that the invoice from Mulcahy Shaw was for the hydraulic actuators for the UV reactors. One failed and staff were able to negotiate more favorable pricing by purchasing three. The reasoning behind making this purchase is that the hydraulic actuators for the two other reactors will likely fail soon as they all have approximately the same number of operating hours. Staff have been purchasing radar level sensors from Synergy in order to replace aging ultrasonic level sensors for chemical tanks. Radar sensors are not temperature sensitive, are extremely accurate, and can be placed outside of the process medium. Van Rite Plumbing replaced a Utility-owned service at the same time as a private service in order to free up staff time. When a private lead service line is replaced, our policy is to replace our portion of the service in short order. The Utility Bills are amounts paid back to the City for Plant and Tower for utility charges (stormwater, TARF, etc.)

Following discussion, **M.S.C. Hemes/Schmeichel to approve the December 2023 invoices.** All voting aye.

Appearances – None.

Old Business/New Business

Final Amended 2024 Operating and Capital Budget Approval – Director Mach presented the Final Amended 2024 Operating and Capital Budget for Commission consideration. Director Mach noted that the Meter Expenses were decreased to \$150,000 in 2024, but increased from \$110,000 in 2023. This was to adequately fund the endpoint changeover. In the CIP, the Meter Replacement Program line was removed and the Meter and Endpoint Replacement Program line was added. This request was amended to \$500,000 to cover meters and endpoint replacements in 2024. Commissioners asked about the rate of return calculation. Director Mach noted that this figure was not calculated for 2023 yet.

Following discussion, **M.S.C. Hemes/Steiner to approve the Final 2024 Operating and Capital Budget.** All voting aye.

Request to Reallocate Reserve Accounts – Director Mach presented a memo explaining the status of the Reserve Accounts and the suggested reallocation of funds. Staff identified further needs within the Plant that should be addressed.

**Waterworks Commission and Storm Water Citizens Advisory Board Regular Meeting Minutes
January 15, 2024
Page 2 of 3**

Following discussion, **M.S.C. Bauman/Hemes to approve creating a Boiler Replacement reserve account and moving the balance of the Painting Towers reserve account to the Meters/Endpoints reserve account and funding the accounts as follows, beginning on February 1st, 2024:**

- 1. Sludge Lagoon: \$0**
- 2. Vehicles: \$3,000**
- 3. Painting Towers: \$0**
- 4. Painting Hydrants: \$500**
- 5. GAC Media Replacement: \$0**
- 6. Pump Rehabilitation: \$4,000**
- 7. Meters/Endpoints: \$25,000**
- 8. Boiler Replacement: \$2,500**

All voting aye.

Request to Reimburse the Developer for the Cost to Oversize Water Mains and Valves in the 1st Addition to Freedom Acres – Director Mach presented a memo detailing the latest developments within the City. There is an approximately 300' section of water main staff have requested be upsized to provide adequate service to the west.

Following discussion, **M.S.C. Schmeichel/Hemes to approve reimbursing the Developer the costs to oversize the water main in the 1st Addition to Freedom Acres at a cost not to exceed \$14,000.00.**

Director's Report –

1. Water Loss Report – Staff have noticed a reduction in the quantity and severity of main breaks in 2023. Commissioners asked if the recent cold weather has caused any breaks. Director Mach noted that the snow cover provides insulation and lessens the frost penetration.
2. The following items were approved at the January 9, 2024 Board of Public Works meeting
 - Final Pay Request, Contract 3-23, Concrete Pavement and Sidewalk Repair to Al Dix Concrete of Kaukauna, WI, in the amount of \$18,507.57 for Services, \$6,190.12 for Hydrants, and \$42,632.39 for Mains.
 - Final Pay Request, Contract 6-23, Sanitary & Storm Sewer, Water Main and Street Construction on Columbian Avenue, to Donald Hietpas & Sons, Inc. of Little Chute, WI, in the amount of \$9,673.01 for Water on Columbian.
3. Booster Station update – No updates as the contractor is idle due to weather.
4. Solar installation update – The array performed satisfactorily despite the lack of sun. Commissioners noted the high electricity usage from the Industrial Tower. Director Mach agreed and will look into it.
5. The next regular Waterworks Commission meeting is scheduled for Monday, February 19, 2024.

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

Waterworks Commission and Storm Water Citizens Advisory Board Regular Meeting Minutes
January 15, 2024
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Any Other Business That May Legally Come Before the Commission – Commissioners discussed additional employee engagement and culture team updates as well as opening the possibility of tuition reimbursements to encourage employee growth.

Adjournment – **M.S.C. Hemes/Lang to adjourn at 5:34 p.m.** All voting aye.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Anthony L. Mach', with a stylized flourish at the end.

Anthony L. Mach
Director, Neenah Water Utility

WATER UTILITY CASH ACTIVITY
January 2024
Estimate (Pre-Audit 2023)

Cash Balance January 1, 2024		\$4,277,027
Cash Receipts		
Water Collection Receipts	587,317	
Other Water Receipts	<u>13,326</u>	
		600,643
Cash Distributions		
Check Register	254,310	
WE Energies	26,328	
Disbursements to the City	<u>158,377</u>	
		<u>439,015</u>
Cash Balance January 31, 2024		<u><u>\$4,438,655</u></u>

JAN DISBURSEMENTS TO THE CITY

Payroll	\$110,692
Payroll Benefits	42,565
Vehicle Fuel and Fluids	1,307
Postage	208
IS/GIS Services	<u>3,605</u>
Total Disbursements to the City	<u><u>\$158,377</u></u>

REPLACEMENT FUND RESERVES AS OF JANUARY 2024

Sludge Lagoon	\$1,728,143
Vehicles	232,050
Painting Towers	280,620
Painting Hydrants	66,500
GAC Media Replacement	530,000
Pump Rehab	116,000
Meters/Endpoints	<u>102,820</u>
Total Replacement Fund Reserves	<u><u>\$3,056,133</u></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
01/04/2024	1336	DIVERSIFIED BENEFIT SERVICES INC	398596	16.00	DEC SERV-FLEX SPENDING		Water	40004017709260
01/04/2024	1340	MCMAHON	933447	2,625.00	10/29-12/2 SERVICES-WEST	SIDE BOOSTER STATION	Water	40000002070506
01/04/2024	1342	MICHELS	462834	419.60	3/4" DENSE BASE, UTILITY	STONE-HYDRANT REPAIR	Water	40004027706770
12/31/2023	1369	U S BANK	01-14-24	0.80	TDS METROCOM	DEC TDS PHONE	Water	40004017709030
		U S BANK	01-14-24	2.97	TDS METROCOM	DEC TDS PHONE	Water	40004017706630
		U S BANK	01-14-24	1.07	TDS METROCOM	DEC TDS PHONE	Water	40004017709210
		U S BANK	01-14-24	62.27	TDS METROCOM	DEC TDS PHONE	Water	40004017706430
		U S BANK	01-14-24	29.65	TDS METROCOM	DEC TDS PHONE	Water	40004017706650
01/18/2024	1374	KRUEGER TRUE VALUE	155176	23.48	LUMBER/BACKET		Water	40004027706520
		KRUEGER TRUE VALUE	155763	17.98	TUB FOR LRG METER CHANGE		Water	40004017706630
		KRUEGER TRUE VALUE	155363	4.64	HARDWARE		Water	40004027706520
		KRUEGER TRUE VALUE	155341	7.02	HARDWARE		Water	40004027706520
		KRUEGER TRUE VALUE	155217	17.77	SUPPLIES		Water	40004017706650
		KRUEGER TRUE VALUE	155306	27.00	MOWER BLADE SHARPENING		Water	40004027706520
		KRUEGER TRUE VALUE	155126	7.19	LIGHT BULB		Water	40004027706780
		KRUEGER TRUE VALUE	155389	43.96	PIPE FITTINGS, ZIP TIES		Water	40004027706520
01/25/2024	1389	DONALD HIETPAS & SONS INC	CN6-23 FINAL	9,673.01	WATER MAIN CONSTRUCTION		Water	40000002070523
12/31/2023	1400	U S BANK	01-14-24	461.60	BADGER METER INC	DECEMBER 2023 METER READS	Water	40004017706630
		U S BANK	01-14-24	28.00	WI STATE HYGIENE LAB	LAB TESTS	Water	40004017706420
		U S BANK	01-14-24	2,105.96	CRANE ENGINEERING SALES	VALVE POSITIONER/TRANSMIT	Water	40004027706520
		U S BANK	01-14-24	1,370.25	HAWKINS INC	HYDROFULOSILICIC ACID	Water	40004017706410

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
12/31/2023	1400	U S BANK	01-14-24	64.25	4TE*CULLIGAN WATER CONDOT	DEC LAB WATER	Water	40004017706420
		U S BANK	01-14-24	69.35	CINTAS CORP	MATS MOPS TREATMENT	Water	40004017706430
		U S BANK	01-14-24	5,010.03	HAWKINS INC	SODIUM PERMANGANATE	Water	40004017706410
		U S BANK	01-14-24	1,212.00	FERGUSON ENT	0406372/ 6" VALVE	Water	40004027706730
		U S BANK	01-14-24	175.00	FERGUSON ENT	0406891/TURBO METER TEST	Water	40004017706630
		U S BANK	01-14-24	445.00	FERGUSON ENT	0405311/ LOCATOR REPAIR	Water	40004017706620
		U S BANK	01-14-24	2,424.00	FERGUSON ENT	0406371/ 6" VALVES	Water	40004027706730
		U S BANK	01-14-24	228.00	SERVICE MOTOR COMPANY DAL	TOOL BOX	Water	40004017709290
		U S BANK	01-14-24	69.35	CINTAS CORP	MATS MOPS DISTRIBUTION	Water	40004017706650
		U S BANK	01-14-24	993.15	HAWKINS INC	AMMONIA HYDROXIDE	Water	40004017706410
01/31/2024	1401	U S BANK	01-14-24	22.20	MORTON SAFETY, LLC	SAFETY GLASSES	Water	40004017706430
		U S BANK	01-14-24	4,523.00	FERGUSON ENT	0405934/ REPAIR CLAMPS	Water	40004027706730
		U S BANK	01-14-24	258.47	FEDEX FREIGHT INC	SHIPPING OF HYDRANT SLEEVE	Water	40004027706730
		U S BANK	01-14-24	495.00	AIRGAS - NORTH	CO2 TANK INSPECTION FEE	Water	40004017706430
		U S BANK	01-14-24	842.68	USABUEBOOK	LAB REAGENTS	Water	40004017706420
		U S BANK	01-14-24	897.93	EBAY O*08-11011-25407	BOILER PUMP	Water	40004027706510
		U S BANK	01-14-24	1,530.11	IDEXX DISTRIBUTION INC	LAB MEDIA SUPPLIES	Water	40004017706420
		U S BANK	01-14-24	12.67	THE UPS STORE 2376	LAB SHIPPING	Water	40004017706420
		U S BANK	01-14-24	325.18	IDEXX DISTRIBUTION INC	LAB MEDIA	Water	40004017706420
		U S BANK	01-25-24	38.60	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706630
12/31/2023	1402							

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
12/31/2023	1402	U S BANK	01-25-24	117.79	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706650
		U S BANK	01-25-24	19.29	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706260
		U S BANK	01-25-24	19.28	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706430
		U S BANK	01-25-24	98.51	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017706620
		U S BANK	01-25-24	19.30	U.S. CELLULAR	AIRTIME 11/22-12/21	Water	40004017709020
		U S BANK	01-25-24	142.56	KNOWBE4, INC.	PHISHER+ LICENSES	Water	40004017706430
01/31/2024	1419	U S BANK	01-25-24	3,354.00	AIRGAS - NORTH	CARBON DIOXIDE	Water	40004017706410
		U S BANK	01-25-24	14,844.68	MIDWEST METER - JACKSON	1"-1.5" -2" METERS	Water	40004997709999
		U S BANK	01-25-24	1,158.00	FERGUSON ENT	0405934-1/REPAIR COUPLING	Water	40000003030000
		U S BANK	01-25-24	246.24	KNOWBE4, INC.	PHISHER+ LICENSES 1/1/25-	Water	40000001326500
		U S BANK	01-25-24	139.56	AMZN MKTP US*RT5QF3I62	TONER	Water	40004017706430
		U S BANK	01-25-24	46.88	MORTON SAFETY, LLC	REFLECTIVE JACKET GOLDSCH	Water	40004027706780
		U S BANK	01-25-24	132.90	AMZN MKTP US*RT5QF3I62	TONER	Water	40004017706650
		U S BANK	01-25-24	120.18	NORTHERN LAKE SERVICE- IN	LAB TESTS	Water	40004017706420
		U S BANK	01-25-24	1,276.00	FERGUSON ENT	0405934-2/REPAIR SLEEVES	Water	40004027706730
		U S BANK	01-25-24	33.29	MORTON SAFETY, LLC	GLOVES/PPPE	Water	40004027706520
		U S BANK	01-25-24	460.00	MIDWEST METER - JACKSON	METER SEALS	Water	40004027706760
		U S BANK	01-25-24	216.95	USABUEBOOK	LAB REAGENT	Water	40004017706420
		U S BANK	01-25-24	269.95	AED SUPERSTORE	AED BATTERY/ELECTRODES	Water	40004017706430
		U S BANK	01-25-24	31.36	AMZN MKTP	MIFI CASES	Water	40004017706650

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
01/31/2024	1419	U S BANK	01-25-24	84.44	US*R80RP7731 WM SUPERCENTER #2986	PLATES/CHARGE CORDS/IBU/TB	Water	40004027706520
		U S BANK	01-25-24	180.00	FLEET FARM 100	ANNIVERSARY PROGRAM	Water	40004017709270
		U S BANK	01-25-24	46.23	AMZN MKTP US*RT5QF3I62	OFFICE SUPPLIES	Water	40004017709210
		U S BANK	01-25-24	111.34	EBAY O*07-11059-39590	DIGITAL PANEL METER	Water	40004027706520
		U S BANK	01-25-24	249.92	SP ACPARTSDISTRIBUTO	HEATER BLOWER	Water	40004027706510
01/04/2024	57877	GRAEF	130104	6,897.00	GIS SUBSCRIPTION 2024		Water	40004017706650
01/04/2024	57879	GRAYMONT WESTERN LIME INC	35215878RI	4,236.85	HYDRATED LIME		Water	40004017706410
01/04/2024	57896	RIESTERER & SCHNELL INC	2522687	125.00	OILS/FILTERS FOR JDX758		Water	40004027706520
01/11/2024	57918	GRAYMONT WESTERN LIME INC	35216187RI	4,273.02	HYDRATED LIME		Water	40004017706410
01/11/2024	57932	ROUGEAX, MICHAEL/ELIZABETH	000046087	29.22	OVERPD FINAL ACCOUNT	000005578	Water	40000003070000
01/11/2024	57933	SES GROUP INC	S4292P	845.00	ANNUAL BOILER INSPECTION		Water	40004027706520
01/11/2024	57934	SMITS, TODD	000023237	200.00	OVERPD FINAL ACCOUNT	000024198	Water	40000003070000
01/11/2024	57944	WI DOA DIVISION OF ENERGY	000009547	579.79	OVERPD FINAL ACCOUNT	000002562	Water	40000003070000
01/18/2024	57953	BRAZEE ACE HARDWARE	59210	14.76	GRINDER WHEELS		Water	40004027706780
		BRAZEE ACE HARDWARE	59217	9.99	CONCRETE MIX		Water	40004027706730
		BRAZEE ACE HARDWARE	59211	39.98	CONCRETE MIX		Water	40004027706750
01/18/2024	57959	GRAYMONT WESTERN LIME INC	35216562RI	4,820.64	HYDRATED LIME		Water	40004017706410
01/18/2024	57974	PAGE, ROBERT	000026847	104.10	OVERPD FINAL ACCOUNT	000023166	Water	40000003070000
01/18/2024	57987	WRWA	SCHULZ	950.00	CCC ASSEMBLY TESTER CERT	COURSE	Water	40004017709270
		WRWA	PREISSNER	950.00	CCC ASSEMBLY TESTER CERT	COURSE	Water	40004017709270
01/25/2024	57988	AL DIX CONCRETE INC	CN3-23 FINAL	14,066.57	WATER MISC SERVICES		Water	40000002070510

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
01/25/2024	57988	AL DIX CONCRETE INC	CN3-23 FINAL	42,632.39	WATER MAINS		Water	40004027706730
		AL DIX CONCRETE INC	CN3-23 FINAL	6,190.12	WATER HYDRANTS		Water	40000002070509
		AL DIX CONCRETE INC	CN3-23 FINAL	4,441.00	WATER SERVICES		Water	40004027706750
01/25/2024	58002	JOHNSON CONTROLS FIRE PROTECTION LP	23897837	576.06	FIRE PROTECTION	MONITORING	Water	40004017706430
01/25/2024	58004	KURZ INDUSTRIAL SOLUTIONS INC	INV56402	4,184.08	SOFTENER GEARMOTOR	ASSEMBLY X2	Water	40004027706520
01/25/2024	58015	RJM CONSTRUCTION LLC	PAY #1	98,144.50	WEST SIDE BOOSTER STATION	SERVICES THRU 12/22	Water	40000002070506
Overall - Total				254,309.91				



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: January 31, 2024
TO: Waterworks Commission
FROM: Anthony L. Mach
RE: Approve Final Payment 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. is complete, and all work has been completed to the satisfaction of Water Utility staff.

Staff recommends approving the final payment for 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 total amount of \$90,515.21 and recommending said approval to the Common Council.

City of Neenah
Department of Public Works
Contractor Request for Payment

Contractor Name: David Tenor Corporation		Contract No. 2-23	
Address 2759 Dewey Decker Drive		Contract Amount \$1,077,298.50	
City Green Bay WI 54313			
Name of Project	Sewer, Water Main and Street Construction		
Location of Project	Brantwood Dr, Brantwood Ct, Charles Ct, Hughes Ct, Memorial Ct, & Patrick Ct		
Pay Request No.	FINAL	For Period	October 27, 2023-November 30, 2023
CONTRACT SUMMARY			

CONTRACT SUMMARY

Original Contract Amount	\$1,077,298.50
Net Amount of Change Order	\$0.00
Adjusted Contract Amount	<u>\$1,077,298.50</u>

WORK PERFORMED TO DATE

Work Performed to Date	\$1,026,451.75
Less Retainage of 5%. If different indicate here	\$0.00
Net Amount Earned to Date	\$1,026,451.75
Less Previous Payments	\$935,936.54

BALANCE DUE THIS PAYMENT

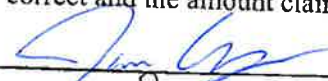
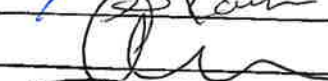
\$90,515.21

CONTRACT BREAKOUT

	Account Numbers	Budget Total	Contract Breakdown	Due This Estimate	Paid to Date
Sanitary Sewer-Various Repairs	046-5001-743-0236	\$180,000.00	\$27,768.00	\$0.00	\$0.00
Storm Sewer-Various Repairs	049-5203-743-0236	\$227,000.00	\$17,170.00	\$736.50	\$13,993.52
Street Constr-Memorial Park Ct	012-4336-743-0236	\$309,000.00	\$242,000.00	\$28,783.46	\$211,053.12
Street Constr-Brantwood Drive	012-4339-743-0236	\$236,000.00	\$185,000.00	\$25,014.51	\$119,140.30
Street Constr-Brantwood Court	012-4340-743-0236	\$59,000.00	\$46,034.50	\$6,444.49	\$30,560.86
Water Constr-Brantwood Drive	400-0000-207-0521	\$262,000.00	\$261,807.00	\$13,368.05	\$253,992.95
Water Constr-Brantwood Court	400-0000-207-0522	\$37,000.00	\$44,648.00	\$2,446.65	\$46,486.35
Water Constr-Charles Court	400-0000-207-0517	\$38,000.00	\$46,364.00	\$2,795.50	\$53,114.50
Water Constr-Hughes Court	400-0000-207-0515	\$87,000.00	\$108,310.00	\$5,635.45	\$107,073.55
Water Constr-Memorial Court	400-0000-207-0516	\$38,000.00	\$48,675.00	\$2,738.35	\$52,028.65
Water Constr-Patrick Court	400-0000-207-0518	\$40,000.00	\$49,522.00	\$2,552.25	\$48,492.75
		<u>\$1,513,000.00</u>	<u>\$1,077,298.50</u>	<u>\$90,515.21</u>	<u>\$935,936.54</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: 1-18-24
Certified by Public Works		Date: 1-18-24
Certified by Water Utility		Date: 1/18/24
Certified by Contrator		Date: 1/17/24

Approved BPW _____ Date: _____

Approved Common Council (Final Payments Only) _____ Date: _____

Item Code	Item Description	UoofM	QTY	Unit Price	Extension	Quantity Completed to Date	Pay Request No.4				Pay Request FINAL			
							Contractor Completed This Period QTY	\$	Retainage Due this Period	Due To Contractor This Period	Contractor Completed This Period QTY	\$	Retainage Due this Period	Due To Contractor This Period
1	103.1	Furnish and Pipeburst 4-inch Sanitary Lateral	380	\$5.10	\$1,938.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00
2	103.4	Reconnect Under Basement Floor - Pipeburst	6	\$2,550.00	\$15,300.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00
3	105.2	Adjust Sanitary Manhole	13	\$400.00	\$5,200.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00
4	105.2N	Furnish and install Chimney Seal	13	\$410.00	\$5,330.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00
	Sanitary				\$27,768.00			\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
5	201.1.1	Furnish & Install 6-inch PVC C-900 Main	60	\$184.00	\$11,040.00	62.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$570.40	\$570.40
6	201.1.2	Furnish & Install 8-inch PVC C-900 Main	3080	\$83.00	\$255,640.00	3,058.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$12,690.70	\$12,690.70
7	201.1.2N	Furnish & Install 1.25-inch PE Service in ROW from main to shutoff by Trenching / Pulling / Boring	2000	\$59.00	\$118,000.00	2,658.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$7,841.10	\$7,841.10
8	202.7.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Pulling w/Sanitary Sewer Pipeburst	100	\$55.10	\$5,510.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00
9	202.9.2	Furnish & Install 1.25-inch Service Brass Set	77	\$600.00	\$46,200.00	77.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$2,310.00	\$2,310.00
10	203.1.1	Furnish & Install Cathodic Protection to Water Service	77	\$143.00	\$11,011.00	77.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$550.55	\$550.55
11	203.1.3	Water Service Connection to Structure	2	\$510.00	\$1,020.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00
12	203.1.6	Abandon Valve Box	11	\$150.00	\$1,650.00	10.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$75.00	\$75.00
13	204.2.4	Furnish & Install 8-inch MJRW Valve and Box	7	\$2,915.00	\$20,405.00	8.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$1,166.00	\$1,166.00
14	204.1.3	Furnish & Install 6-inch Live Tap and Valve	2	\$4,100.00	\$8,200.00	2.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$410.00	\$410.00
15	204.1.4	Furnish & Install 8-inch Live Tap and Valve	2	\$5,000.00	\$10,000.00	2.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$500.00	\$500.00
16	205.1	Furnish & Install Hydrant, Lead and Valve	9	\$8,250.00	\$74,250.00	8.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$3,300.00	\$3,300.00
17	205.2	Abandon Hydrant	4	\$350.00	\$1,400.00	7.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$122.50	\$122.50
	Water				\$559,326.00			\$0.00	\$0.00	\$0.00		\$0.00	\$29,536.25	\$29,536.25
18	301.4	Furnish and Relay 10-inch Storm Sewer	33	\$60.00	\$1,980.00	33.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$99.00	\$99.00
19	305.1	Furnish and Install Catch Basin	1	\$2,000.00	\$2,000.00	1.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$100.00	\$100.00
20	305.8	Adjust Storm Catch Basin	18	\$350.00	\$6,300.00	17.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$297.50	\$297.50
21	305.9	Remove Storm Catch Basin	1	\$300.00	\$300.00	1.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$15.00	\$15.00
22	306.8	Adjust Storm Manhole	12	\$375.00	\$4,500.00	12.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$225.00	\$225.00
23	308.2.4	Install and Maintain Type "D" Inlet Protection	22	\$95.00	\$2,090.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00
	Storm				\$17,170.00			\$0.00	\$0.00	\$0.00		\$0.00	\$736.50	\$736.50

Pay Request No.4										Pay Request FINAL				
24	402.2.6.2	Remove Existing Pavement and Maintain Utility Trench	Lin. Ft.	5000	\$0.50	\$2,500.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
25	405.1	Sawcut Existing Bituminous Pavement	Lin. Ft.	500	\$1.50	\$750.00	350.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$26.25	\$26.25
26	402.2.6.1	Remove Existing Bituminous Pavement	Sq. Yd.	13500	\$0.81	\$10,935.00	13,500.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$546.75	\$546.75
27	403.2.5.1	Remove Concrete Curb and Gutter	Lin. Ft.	850	\$5.05	\$4,292.50	576.50	0.00	\$0.00	\$0.00	\$0.00	26.00	\$139.00	\$270.30
28	404.4.5	Remove Concrete Sidewalk/Driveway Apron	Sq. Ft.	1000	\$2.53	\$2,530.00	1,567.50	0.00	\$0.00	\$0.00	\$0.00	0.00	\$198.29	\$198.29
29	402.1.7.4	Unclassified Excavation	Cu. Yd.	5000	\$12.53	\$62,650.00	2,100.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$1,315.65	\$1,315.65
30	401.1.1	Furnish and Install Crushed Aggregate Base	Ton	6000	\$9.65	\$57,900.00	3,600.00	100.00	\$965.00	\$24.13	\$940.88	0.00	\$1,712.88	\$1,712.88
31	402.1.4.1.1	Furnish and Install Geogrid	Sq. Yd.	9000	\$2.02	\$18,180.00	6,400.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$646.40	\$646.40
32	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	500	\$2.04	\$1,020.00	400.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$40.80	\$40.80
33	402.1.5.3N	Fine Grade Roadway	Sq. Yd.	13500	\$1.88	\$25,380.00	13,500.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$1,269.00	\$1,269.00
34	402.2.3.1	Furnish and Install HMA Pavement (4-inch)	Ton	3100	\$75.38	\$233,678.00	3,311.42	2,700.00	\$203,526.00	\$5,088.15	\$198,437.85	611.42	\$46,088.84	\$51,176.99
35	403.2.1.1	Furnish and Install Concrete Curb & Gutter	Lin. Ft.	850	\$30.60	\$26,010.00	576.50	0.00	\$0.00	\$0.00	\$0.00	26.00	\$795.60	\$1,637.87
36	404.1.1	Furnish and Install 4" Concrete Sidewalk	Sq. Ft.	250	\$6.38	\$1,595.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
37	404.3.2	Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	750	\$7.40	\$5,550.00	1,567.50	0.00	\$0.00	\$0.00	\$0.00	0.00	\$579.98	\$579.98
38	706.2	Install Detectable Warning Fields (supplied by City)	Each	4	\$51.00	\$204.00	0.00	0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
39	505.1	Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	500	\$8.97	\$4,485.00	920.00	920.00	\$8,252.40	\$206.31	\$8,046.09	0.00	\$206.31	\$206.31
40	706.1	Install and Maintain Traffic Control	Lump Sum	1	\$15,375.00	\$15,375.00	1.00	0.40	\$6,150.00	\$153.75	\$5,996.23	0.00	\$615.00	\$615.00
Street						\$473,034.50			\$218,893.40	\$5,472.34	\$213,421.05		\$47,015.74	\$60,242.46
Total						\$1,077,298.50			\$218,893.40	\$5,472.34	\$213,421.05		\$47,015.74	\$90,515.21



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 20, 2024
TO: Waterworks Commission
FROM: Anthony L. Mach
RE: Approve Final Payment Contract 4-23 HMA Pavement Repairs to MCC, Inc.

Contract 4-23 HMA Pavement Repairs is complete, and all work has been completed to the satisfaction of Water Utility staff.

Staff recommends approving the final payment for Contract 4-23 HMA Pavement Repairs to MCC., Inc. of Appleton, WI in the total amount of \$56,606.43 and recommending said approval to the Common Council.

City of Neenah
Department of Public Works
Contractor Request for Payment

Contractor Name: MCC, Inc.		Contract No.	4-23
Address	2600 Roemer Rd	Contract Amount	\$71,119.00
City		Appleton WI 54914	
Name of Project		HMA Pavement Repair	
Location of Project		Various throughout the City	
Pay Request No.	FINAL	For Period	September 1, 2023 through November 31, 2023

CONTRACT SUMMARY

Original Contract Amount	\$71,119.00
Net Amount of Change Order	\$0.00
Adjusted Contract Amount	<u>\$71,119.00</u>

WORK PERFORMED TO DATE

Work Performed to Date	\$56,505.43
Less Retainage of 5%. If different indicate here	\$0.00
Net Amount Earned to Date	\$56,505.43
Less Previous Payments	\$0.00
	<u>\$56,505.43</u>

BALANCE DUE THIS PAYMENT

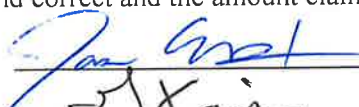
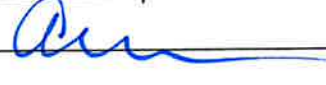
\$56,505.43

CONTRACT BREAKOUT

	Account Numbers	Budget Total	Contract Breakdown	Due This Estimate	Paid to Date
Street Repair Undesigned-2023	012-5199-743-0326	\$200,000.00	\$3,043.00	\$4,711.12	\$0.00
Storm Sewer Pavement Repair	049-5249-743-0236	\$55,000.00	\$4,153.00	\$10,468.18	\$0.00
Water Maintenance-Mains	400-0402-770-6730	\$250,000.00	\$33,034.00	\$26,608.47	\$0.00
Water Maintenance-Services	400-0402-770-6750	\$100,000.00	\$12,717.89	\$0.00	\$0.00
Water Maintenance-Misc	400-0000-207-0510	\$100,000.00	\$18,171.11	\$14,717.66	\$0.00
		<u>\$705,000.00</u>	<u>\$71,119.00</u>	<u>\$56,505.43</u>	<u>\$0.00</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: 2-14-24
Certified by Public Works		Date: 2-14-2024
Certified by Water Utility		Date: 2/15/2024
Certified by Contractor		Date:
Approved BPW		Date:
Approved Common Council (Final Payments Only)		Date:

Contract 4-23
HMA Repairs

City of Neenah Contract 4-23						Pay Request FINAL				
Item Code	Item Description	UofM	QTY	Unit Price	Extension	Quantity Completed to Date	Quantity Completed this Period	\$ Completed this Period	Retainage Due this Period	Due this Estimate
1	402.1.7.4 Unclassified Excavation	Cu. Yd.	20	\$118.00	\$2,360.00	0.00	0.00	\$0.00	\$0.00	\$0.00
2	401.1.1.1 Furnish and Install Crushed Aggregate Base	Ton	40	\$69.35	\$2,774.00	0.00	0.00	\$0.00	\$0.00	\$0.00
3	9999 HMA Pavement Repair	Ton	260	\$163.50	\$42,510.00	220.60	220.60	\$36,068.10	\$0.00	\$36,068.10
4	9999 Pavement Repair Preparation	Sq. Yd.	1000	\$18.25	\$18,250.00	954.10	954.10	\$17,412.33	\$0.00	\$17,412.33
5	306.8 Adjust Sewer Manhole	Each	2	\$1,100.00	\$2,200.00	0.00	0.00	\$0.00	\$0.00	\$0.00
6	706.1 Install and Maintain Traffic Control	Lump Sum	1	\$3,025.00	\$3,025.00	1.00	1.00	\$3,025.00	\$0.00	\$3,025.00
Total					\$71,119.00			\$56,505.43	\$0.00	\$56,505.43



Neenah Water Utility

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Email: amach@ci.neenah.wi.us

Anthony L. Mach

Director of Neenah Water Utility

MEMORANDUM

DATE: February 20, 2024
TO: Waterworks Commission
FROM: Anthony L. Mach
RE: Award Contract 1-24W Removal and Replacement of Carbon Dioxide Tank and Related Appurtenances

Bids for Contract 1-24W Removal and Replacement of Carbon Dioxide Tank and Related Appurtenances were opened and read aloud on February 15, 2024. There were two bids offered from one responsible bidder. The lowest bid offered by Rohde Brothers, Inc. of Plymouth, WI for \$236,400.00 for a system including a non-refrigerated tank. Staff have reviewed the specifications for the bid and found them to be acceptable. The budget for this replacement was \$300,000.00. The low bid was reviewed and a recommendation to the Waterworks Commission made by the Board of Public Works at the February 20, 2024 meeting.

Staff recommend awarding Contract 1-24W Removal and Replacement of Carbon Dioxide Tank and Related Appurtenances to Rohde Brothers, Inc. of Plymouth, WI for \$236,400.00

NEENAH WATER UTILITY

BID TABULATION: Removal and Replacement of Carbon Dioxide Tank and Related Appurtenances

DATE: February 15, 2024 - 11:00 A.M.

BUDGET: \$300,000.00

NAME	ADDRESS	TOTAL PRICE	TRADE IN	NET PRICE
Rhode Brothers Inc	W5745 Woodchuck Ln Plymouth WI 53073	\$309,000.00 Refrigerated Tank	0	\$309,000.00
Rhode Brothers Inc	W5745 Woodchuck Ln Plymouth WI 53073	\$236,400.00 Non-Refrigerated Tank	0	\$236,400.00

Note: Bid award at February 26, 2024 Water Commission Meeting

**Director's Report
February 26, 2024**

1. Water Loss Report.
2. The following items were approved at the January 23, 2024, Board of Public Works meeting:
 - Pay Request No. 1, Contract 2-23W West Side Booster Station Building Construction, to RJM Construction, LLC., in the amount of \$98,144.50.
 - Final Pay Request, Contract 2-23, Street and Utility Construction on Brantwood Ct., Brantwood Dr., Charles Ct., Hughes Ct., Memorial Ct., and Patrick Ct., to David Tenor Corporation, in the amount of \$13,368.05 for Water on Brantwood Drive, \$2,446.65 for Water on Brantwood Court, \$2,795.50 for Water on Charles Court, \$5,635.45 for Water on Hughes Court, \$2,738.35 for Water on Memorial Court, and \$2,552.25 for Water on Patrick Court.
3. The following items were approved at the February 13, 2024, Board of Public Works meeting:
 - Pay Request No.2, Contract 7-23, Sanitary & Storm Sewer, Water Main, and Street Construction, to Carl Bowers & Sons Construction Co., Inc., in the amount of \$760.00 for Water on High Street and \$142.50 for Water on River Street.
 - Pay Request No. 2, Contract 2-23W West Side Booster Station Building Construction, to RJM construction, LLC., in the amount of \$12,622.65.
 - Award Contract 1-24, Sanitary Sewer & Laterals, Storm Sewer, Water Main & Services and Street Construction on Belmont Avenue, Belmont Court, Cedar Street and Stevens Street to David Tenor Corporation, using concrete pavement alternate in the amount of \$3,295,454.70 total. The estimate work attributable to Water is \$922,388.00.
4. The following items were approved at the February 20, 2024, Board of Public Works meeting:
 - Final Pay Request, Contract 4-23 HMA Street Repairs to MCC, Inc. in the amount of \$26,608.47 for Mains and \$14,717.66 for Miscellaneous Service Repairs.
 - Recommendation to Award Contract 1-24W Removal and Replacement of Carbon Dioxide Tank and Related Appurtenances to Rohde Brothers, Inc. of Plymouth, WI for \$236,400.00.
5. Booster Station update.
6. Solar installation update.
7. Plant update.
8. The next regular Waterworks Commission meeting is scheduled for Monday, March 18, 2024.

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)	292,970	285,070	224,297	8,764	52,009	18.24%
MOST RECENT THREE MONTHS (September, October, November)	298,140	290,390	257,432	11,510	21,448	7.39%
1 YEAR AGO (October, November, December)	291,260	280,410	228,033	26,260	26,117	9.31%

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, 2023	3.17	3.08
Nov, 2023	3.12	3.05
Dec, 2022	3.13	3.01

Pay To: RJM Construction LLC
601 W Forest Street
Black Creek WI 54106

Contract No. 2-23W West Side Booster Station Building Construction
McMahon N0002-09-22-00496-A

Date: January 11, 2024

Pay Request No. 1

<u>Account Description</u>	<u>Account #</u>	<u>Payment</u>
		\$103,310.00
		(\$5,165.50)
Retainage		
West Side Booster Station	400-0499-770-9999 WO506	\$98,144.50

Approved by Water Utility

January 11, 2024

Approved by Board of Public Works

January 23, 2024

Approved by Water Commission

N/A

Number of Attachments

4

City of Neenah
Water Utility
Contract Payment Form

CERTIFICATE FOR PAYMENT

NEENAH WATER UTILITY
211 Walnut Street
Neenah, WI 54956

Contract No. N0002-09-22-00496-A
Project File No. N0002-09-22-00496
Certificate No. One (1)
Issue Date: January 4, 2024
Project: NEENAH WATER UTILITY
Water Booster Station
Building Construction

This Is To Certify That, In Accordance With The Contract Documents Dated: August 1, 2023

RJM CONSTRUCTION, LLC
601 W. Forest Street
Black Creek, WI 54106

Is Entitled To Partial Payment For Work Performed Through: December 22, 2023

- ☒ Contractor's Application for Payment Attached
☒ Itemized Cost Breakdown Attached

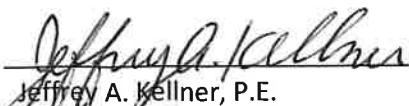
Original Contract	<u>\$501,150.00</u>
Net Change Orders	<u>\$0.00</u>
Current Contract Amount	<u>\$501,150.00</u>

Completed To Date	<u>\$103,310.00</u>
Retainage 5%	<u>\$5,165.50</u>
Subtotal	<u>\$98,144.50</u>
Previously Certified	<u>\$0.00</u>

Amount Due This Payment: \$98,144.50

Please process and forward payment to RJM Construction, LLC.

Certified By:
McMAHON ASSOCIATES, INC.
Neenah, Wisconsin


Jeffrey A. Kellner, P.E.
Associate / Senior Construction Manager

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

TO OWNER: NEENAH WATER UTILITY/CITY OF NEENAH 211 WALNUT ST NEENAH WI 54956

PROJECT: Neenah Booster Pump Building

FROM CONTRACTOR: VIA ARCHITECT: MCMAHON ASSOCIATES 1445 MCMAHON DR NEENAH WI 54956

RJM Construction LLC 601 W Forest St Black Creek WI 54106

CONTRACT FOR: Neenah Booster Pump Building

APPLICATION NO: 1

PERIOD TO: 12/22/2023

PROJECT NOS: N0002-09-22-00496-A

CONTRACT DATE: 7/26/2023

Distribution to: X OWNER X ARCHITECT X CONTRACTOR

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.

Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM \$ 501,150.00

2. Net change by Change Orders \$ 0.00

3. CONTRACT SUM TO DATE (Line 1 ± 2) \$ 501,150.00

4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 103,310.00

5. RETAINAGE:

a. 5 % of Completed Work \$ 5,165.50

b. 5 % of Stored Material \$ 0.00

Total Retainage (Lines 5a + 5b or Total in Column I of G703) \$ 5,165.50

6. TOTAL EARNED LESS RETAINAGE \$ 98,144.50

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) \$ 0.00

8. CURRENT PAYMENT DUE \$ 98,144.50

9. BALANCE TO FINISH, INCLUDING RETAINAGE \$ 403,005.50

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		\$0.00
Total approved this Month		
TOTALS	\$0.00	\$0.00
NET CHANGES by Change Order	\$0.00	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: [Signature] Date: 12/22/2023

State of: Wisconsin County of: Outagamie
Subscribed and sworn to before me this 22ND day of DECEMBER 2023
Notary Public: [Signature]
My Commission expires: 1/21/2026

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

By: [Signature] Date: [Signature]

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

AIA DOCUMENT G703

1

12/22/2023

12/22/2023

PERIOD TO: 12/22/2023

PERIOD TO: 12/22/2023

ARCHITECT'S PROJECT NO: Neenah Booster Pump Building

[illegible]

City of Neenah Department of Public Works Contractor Request for Payment					
Contractor Name: Carl Bowers & Sons Construction Co., Inc.			Contract No. 7-23		
Address: N1844 Malone Rd			Contract Amount \$442,925.00		
City Kaukauna WI 54130					
Name of Project		Sanitary & Storm Sewer, Water Main and Street Construction			
Location of Project		High Street & River Street			
Pay Request No. 2		For Period		October 1, 2023 to January 22, 2024	
CONTRACT SUMMARY					
Original Contract Amount				\$442,925.00	
Net Amount of Change Order				\$0.00	
Adjusted Contract Amount				\$442,925.00	
WORK PERFORMED TO DATE					
Work Performed to Date				\$381,957.24	
Less Retainage of 5%. If different indicate here				\$19,097.86	
Net Amount Earned to Date				\$362,859.38	
Less Previous Payments				\$264,764.05	
BALANCE DUE THIS PAYMENT				\$98,095.33	
CONTRACT BREAKOUT					
Account Numbers		Budget Total	Contract Breakdown	Due This Estimate	Paid to Date
Sanitary Sewer-Various Repairs	046-5056-743-0236	\$180,000.00	\$33,600.00	\$0.00	\$23,303.50
Street Constr - High St/River St	012-4338-743-0236	\$133,000.00	\$166,985.00	\$97,192.83	\$2,987.75
Storm Constr- Various Repairs	049-5203-743-0236	\$227,000.00	\$42,430.00	\$0.00	\$40,835.75
Water Main Constr-High St	400-0000-207-0524	\$130,480.00	\$138,030.00	\$760.00	\$113,888.85
Water Main Constr-River St	400-0000-207-0520	\$65,520.00	\$61,880.00	\$142.50	\$83,748.20
		\$736,000.00	\$442,925.00	\$98,095.33	\$264,764.05
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: 1-24-24		
Certified by Public Works			Date: 1-24-2024		
Certified by Water Utility			Date: 1/24/2024		
Certified by Contractor			Date:		
Approved BPW			Date: 2-13-2024		
Approved Common Council (Final Payments Only)			Date:		

Pay Request No.1										Pay Request No.2					
Item Code		Item Description		UoM	QTY	Unit Price	Extension	Contractor Completed This Period		Retainage Due this Period	Due this Estimate	Contractor Completed This Period		Retainage this Period	Due this Estimate
								QTY	\$			QTY	\$		
1	102.3	Furnish and Relay 6 inch Sanitary Lateral in ROW		Lin. Ft.	260	\$110.00	\$28,600.00	223.00	\$24,530.00	\$1,226.50	\$23,303.50	0	\$0.00	\$0.00	\$0.00
2	102.6	Reconnect Lateral to Main		Each	2	\$500.00	\$1,000.00	0.00	\$0.00	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
3	105.2	Adjust Sanitary Manhole		Each	5	\$800.00	\$4,000.00	0.00	\$0.00	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
Total Base Bid Sanitary Sewer							\$33,600.00		\$24,530.00	\$1,226.50	\$23,303.50		\$0.00	\$0.00	\$0.00
4	201.1.1	Furnish & Install 6-inch PVC C-900 Main		Lin. Ft.	10	\$175.00	\$1,750.00	22.00	\$3,850.00	\$192.50	\$3,657.50	0	\$0.00	\$0.00	\$0.00
5	201.1.2	Furnish & Install 8-inch PVC C-900 Main		Lin. Ft.	910	\$99.00	\$90,090.00	901.00	\$89,199.00	\$4,459.95	\$84,739.05	0	\$0.00	\$0.00	\$0.00
6	9999	Furnish and install 16-inch steel casing pipe - jack and bore		Lin. Ft.	62	\$635.00	\$39,370.00	70.00	\$44,450.00	\$2,222.50	\$42,227.50	0	\$0.00	\$0.00	\$0.00
7	202.1.2	Furnish & Install 1.25-inch PE Water Service in ROW by Trenching		Lin. Ft.	250	\$78.00	\$19,500.00	230.00	\$17,940.00	\$897.00	\$17,043.00	0	\$0.00	\$0.00	\$0.00
8	202.1.4	Furnish & Install 2-inch PE Water Service in ROW by Trenching		Lin. Ft.	50	\$80.00	\$4,000.00	60.00	\$4,800.00	\$240.00	\$4,560.00	0	\$0.00	\$0.00	\$0.00
9	202.2.2	Furnish & Install 1.25-inch PE Water Service in ROW by Pulling		Lin. Ft.	0	\$85.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
10	202.3.2	Furnish & Install 1.25-inch PE Water Service in ROW by Drilling		Lin. Ft.	0	\$100.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
11	202.9.2	Furnish & Install 1.25-inch Service Brass Set		Each	11	\$750.00	\$8,250.00	12.00	\$9,000.00	\$450.00	\$8,550.00	0	\$0.00	\$0.00	\$0.00
12	202.9.4	Furnish & Install 2-inch Service Brass Set		Each	1	\$1,500.00	\$1,500.00	1.00	\$1,500.00	\$75.00	\$1,425.00	0	\$0.00	\$0.00	\$0.00
13	203.1.1	Furnish & Install Cathodic Protection to Water Service		Each	3	\$150.00	\$450.00	2.00	\$300.00	\$15.00	\$285.00	3	\$450.00	\$22.50	\$427.50
14	203.1.6	Abandon Valve Box		Each	7	\$500.00	\$3,500.00	5.00	\$2,500.00	\$125.00	\$2,375.00	1	\$500.00	\$25.00	\$475.00
15	204.2.4	Furnish & Install 8-inch MJRW Valve and Box		Each	6	\$3,000.00	\$18,000.00	7.00	\$21,000.00	\$1,050.00	\$19,950.00	0	\$0.00	\$0.00	\$0.00
16	205.1	Furnish & Install Hydrant, Lead and Valve		Each	1	\$8,000.00	\$8,000.00	1.00	\$8,000.00	\$400.00	\$7,600.00	0	\$0.00	\$0.00	\$0.00
17	205.2	Abandon Hydrant		Each	1	\$1,000.00	\$1,000.00	1.00	\$1,000.00	\$50.00	\$950.00	0	\$0.00	\$0.00	\$0.00
18	9999	Coordinate Water Main and Roadway Crossing with Railroad (Including Fees)		Lump Sum	1	\$4,500.00	\$4,500.00	1.00	\$4,500.00	\$225.00	\$4,275.00	0	\$0.00	\$0.00	\$0.00
Total Base Bid Water							\$199,910.00		\$208,039.00	\$10,401.95	\$197,637.05		\$950.00	\$47.50	\$902.50
19	301.4	Furnish and Relay 10-inch Storm Sewer		Lin. Ft.	80	\$96.00	\$7,680.00	110.00	\$10,560.00	\$528.00	\$10,032.00	0	\$0.00	\$0.00	\$0.00
20	301.5	Furnish and Relay 12-inch Storm Sewer		Lin. Ft.	140	\$95.00	\$13,300.00	135.00	\$12,825.00	\$641.25	\$12,183.75	0	\$0.00	\$0.00	\$0.00
21	305.1	Furnish and Install Catch Basin		Each	4	\$3,000.00	\$12,000.00	5.00	\$15,000.00	\$750.00	\$14,250.00	0	\$0.00	\$0.00	\$0.00
22	305.8	Adjust Storm Catch Basin		Each	8	\$400.00	\$3,200.00	0.00	\$0.00	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
23	305.9	Remove Storm Catch Basin		Each	3	\$750.00	\$2,250.00	4.00	\$3,000.00	\$150.00	\$2,850.00	0	\$0.00	\$0.00	\$0.00

					Pay Request No.1				Pay Request No.2			
					Contractor Completed This Period	Retainage Due this Period	Due this Estimate	Contractor Completed This Period	Retainage Due this Period	Due this Estimate	Contractor Completed This Period	Retainage Due this Period
Item Code	Item Description	UoFM	QTY	Unit Price	Extension	QTY		QTY	\$		QTY	\$
24	306.8 Adjust Storm Manhole	Each	6	\$400.00	\$2,400.00	0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
25	308.2.4 Install and Maintain Type "D" Inlet Protection	Each	16	\$100.00	\$1,600.00	16.00	\$1,600.00	0	\$0.00	\$0.00	0	\$0.00
Total Base Bid Storm					\$42,430.00		\$40,835.75		\$0.00	\$0.00		\$0.00
26	402.2.6.2 Remove Existing Pavement and Maintain Utility Trench	Lin. Ft.	1300	\$1.00	\$1,300.00	1,300.00	\$1,300.00	0.00	\$0.00	\$0.00	0.00	\$0.00
27	405.1 Sawcut Existing Bituminous Pavement	Lin. Ft.	400	\$2.00	\$800.00	0.00	\$0.00	400.00	\$800.00	\$40.00	400.00	\$760.00
28	402.2.6.1 Remove Existing Bituminous Pavement	Sq. Yd.	3300	\$3.00	\$9,900.00	0.00	\$0.00	3,300.00	\$9,900.00	\$495.00	3,300.00	\$9,405.00
29	403.2.5.1 Remove Concrete Curb and Gutter	Lin. Ft.	350	\$14.00	\$4,900.00	0.00	\$0.00	324.60	\$4,544.40	\$227.22	324.60	\$4,317.18
30	404.4.5 Remove Concrete Sidewalk/Driveway Apron	Sq. Ft.	2500	\$1.25	\$3,125.00	0.00	\$0.00	1,236.00	\$1,545.00	\$77.25	1,236.00	\$1,467.75
31	402.1.7.4 Unclassified Excavation	Cu. Yd.	500	\$14.00	\$7,000.00	0.00	\$0.00	150.00	\$2,100.00	\$105.00	150.00	\$1,995.00
32	402.1.4.1.1 Furnish and Install Geogrid	Sq. Yd.	800	\$2.00	\$1,600.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	\$0.00
33	401.1.1 Furnish and Install Crushed Aggregate Base	Ton	850	\$16.40	\$13,940.00	0.00	\$0.00	350.00	\$5,740.00	\$287.00	350.00	\$5,453.00
34	403.2.1.1 Furnish and Install Concrete Curb & Gutter	Lin. Ft.	500	\$65.00	\$32,500.00	0.00	\$0.00	324.60	\$21,099.00	\$1,054.95	324.60	\$20,044.05
35	404.1.1 Furnish and Install 4" Concrete Sidewalk	Sq. Ft.	1500	\$6.60	\$9,900.00	0.00	\$0.00	912.00	\$6,019.20	\$300.96	912.00	\$5,718.24
36	404.3.2 Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	1000	\$7.60	\$7,600.00	0.00	\$0.00	324.00	\$2,462.40	\$123.12	324.00	\$2,339.28
37	706.2 City Install Detectable Warning Fields (supplied by City)	Each	8	\$52.50	\$420.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	\$0.00
38	402.1.5.3 Furnish and Install 1/2-inch rods	Lin. Ft.	100	\$6.30	\$630.00	0.00	\$0.00	100.00	\$630.00	\$31.50	100.00	\$598.50
39	9999 Fine Grade Roadway	Sq. Yd.	3300	\$2.10	\$6,930.00	0.00	\$0.00	3,300.00	\$6,930.00	\$346.50	3,300.00	\$6,583.50
40	402.2.3.1 Furnish and Install HMA Pavement (4-inch)	Ton	740	\$81.00	\$59,940.00	0.00	\$0.00	435.04	\$35,238.24	\$1,761.91	435.04	\$33,476.33
41	505.1 Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	200	\$12.00	\$2,400.00	0.00	\$0.00	100.00	\$1,200.00	\$60.00	100.00	\$1,140.00
42	706.1 Install and Maintain Traffic Control	Lump Sum	1	\$4,100.00	\$4,100.00	0.45	\$1,845.00	1.00	\$4,100.00	\$205.00	1.00	\$3,895.00
Total Base Bid Street					\$166,985.00		\$2,987.75		\$102,308.24	\$5,115.41		\$97,192.83
Total					\$442,925.00		\$264,764.05		\$103,258.24	\$5,162.91		\$98,095.33

Pay To: RJM Construction LLC
601 W Forest Street
Black Creek WI 54106

Contract No. 2-23W West Side Booster Station Building Construction
McMahon N0002-09-22-00496-A

Date: January 29, 2024

Pay Request No. 2

<u>Account Description</u>	<u>Account #</u>	<u>Payment</u>
Retainage		\$13,287.00
West Side Booster Station	400-0000-207-0506	<u>(\$664.35)</u>
		\$12,622.65

Approved by Water Utility

January 29, 2024

Approved by Board of Public Works

¹³
February 6, 2023

Approved by Water Commission

N/A

Number of Attachments

4

City of Neenah
Water Utility
Contract Payment Form

**CERTIFICATE FOR
PAYMENT**

NEENAH WATER UTILITY
211 Walnut Street
Neenah, WI 54956

Contract No. N0002-09-22-00496-A
Project File No. N0002-09-22-00496
Certificate No. Two (2)
Issue Date: January 22, 2024
Project: NEENAH WATER UTILITY
Water Booster Station
Building Construction

This Is To Certify That, In Accordance With The Contract Documents Dated: August 1, 2023

RJM CONSTRUCTION, LLC
601 W. Forest Street
Black Creek, WI 54106

Is Entitled To Partial Payment For Work Performed Through: January 18, 2024

- ☒ Contractor's Application for Payment Attached
☒ Itemized Cost Breakdown Attached

Original Contract	<u>\$501,150.00</u>
Net Change Orders	<u>\$0.00</u>
Current Contract Amount	<u>\$501,150.00</u>

Completed To Date	<u>\$116,597.00</u>
Retainage 5%	<u>\$5,829.85</u>
Subtotal	<u>\$110,767.15</u>
Previously Certified	<u>\$98,144.50</u>

Amount Due This Payment: \$12,622.65

Please process and forward payment to RJM Construction, LLC.

Certified By:
McMAHON ASSOCIATES, INC.
Neenah, Wisconsin


Jeffrey A. Kellner, P.E.

Associate / Senior Construction Manager

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF

4

PAGES

TO OWNER: NEENAH WATER UTILITY/CITY OF NEENAH
211 WALNUT ST
NEENAH WI 54956

PROJECT: Neenah Booster Pump Building

FROM CONTRACTOR: VIA ARCHITECT:
RJM Construction LLC
601 W Forest St
Black Creek WI 54106

CONTRACT FOR: Neenah Booster Pump Building

APPLICATION NO: 2

PERIOD TO: 1/18/2024

PROJECT NOS: N0002-09-22-00496-A

CONTRACT DATE: 7/26/2023

Distribution to:

☒	OWNER
☒	ARCHITECT
☒	CONTRACTOR
☐	
☐	

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
Continuation Sheet, AIA Document G703, is attached.

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

1. ORIGINAL CONTRACT SUM \$ 501,150.00
2. Net change by Change Orders \$ 0.00
3. CONTRACT SUM TO DATE (Line 1 + 2) \$ 501,150.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 116,597.00

5. RETAINAGE: a. 5 % of Completed Work \$ 5,829.85
(Column D + E on G703)
b. 5 % of Stored Material \$ 0.00
(Column F on G703)
Total Retainage (Lines 5a + 5b or Total in Column I of G703)

6. TOTAL EARNED LESS RETAINAGE \$ 5,829.85
(Line 4 Less Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) \$ 98,144.50
8. CURRENT PAYMENT DUE \$ 12,622.65
9. BALANCE TO FINISH, INCLUDING RETAINAGE \$ 390,382.85
(Line 3 less Line 6)

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner			\$0.00
Total approved this Month			
TOTALS		\$0.00	\$0.00
NET CHANGES by Change Order		\$0.00	

AIA DOCUMENT G702 APPLICATION AND CERTIFICATION FOR PAYMENT 1992 EDITION AIA® © 1992

THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVE., N.W., WASHINGTON, DC 20006-5292

Users may obtain validation of this document by requesting a completed AIA Document D401 - Certification of Document's Authenticity from the Licensee.

CONTRACTOR:

By:  Date: 1/18/2024

State of: Wisconsin
Subscribed and sworn to before me this 18th day of JANUARY 2024
Notary Public: 
My Commission expires: 1/21/2026

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)
ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

AIA DOCUMENT G703

AIA Document G702. APPLICATION AND CERTIFICATION FOR PAYMENT, containing

APPLICATION NO:

1/18/2024

1/18/2024

ARCHITECT'S PROJECT NO: Neenah Booster Pump Building

N0002-09-22-00496-A

AIA and users may obtain validation of this document by requesting of the license a completed AIA Document D401 - Certification of Document's Authenticity



Department of Public Works
211 Walnut St. • P.O. Box 426 • Neenah WI 54957-0426
Phone 920-886-6241 • e-mail: gkaiser@ci.neenah.wi.us
GERRY KAISER, P.E.
DIRECTOR OF PUBLIC WORKS

MEMORANDUM

DATE: February 9, 2024
TO: Mayor Lang and Members of the Board of Public Works
FROM: Gerry Kaiser, Director of Public Works
RE: Award Recommendation for Contract 1-24.

Attached to this memo is the bid tabulation for Contract 1-24: Belmont Avenue, Belmont Court, Cedar Street and Stevens Street Utility and Street Construction. The table below summarizes the bid result and compares the bid components to the budgets for each of the types of work within this contract.

2024 Contract Summary Contract 1-24							
					Base Amount Over (Under) Budget	Alt. Amount Over (Under) Budget	
Belmont Av, Belmont Ct Cedar, Stevens		Budget	Base Bid	Alt. Bid			
	Street	\$ 1,282,000.00	\$ 1,068,901.08	\$ 1,315,312.20	\$ (213,098.92)	\$ 33,312.20	
	Water	\$ 865,000.00	\$ 922,388.00	\$ 922,388.00	\$ 57,388.00	\$ 57,388.00	
	Sanitary	\$ 1,200,000.00	\$ 823,792.00	\$ 823,792.00	\$ (376,208.00)	\$ (376,208.00)	
	Storm	\$ 210,000.00	\$ 233,962.50	\$ 233,962.50	\$ 23,962.50	\$ 23,962.50	
	Total	\$ 3,557,000.00	\$ 3,049,043.58	\$ 3,295,454.70	\$ (507,956.42)	\$ (261,545.30)	

As shown, Contract 1-24 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 \$275.11 for the asphalt pavement option and \$268.69 for the concrete pavement option. The lower present worth cost indicates that the concrete pavement option has a slightly lower overall cost for the life of the pavement.

Also, the contract includes the construction of new sidewalk along both sides of Cedar Street (Laudan Boulevard to Fairview Avenue) and the south side of Belmont Avenue (Belmont Ct – Cedar). The other sections of Belmont Avenue and Cedar Street along with Stevens Street already have sidewalk so the contract will replace any panels that are defective. The new sidewalk installation is about \$75,000 of the Street bid.

Staff recommends award of Contract 1-24 using the concrete pavement alternate to David Tenor Corporation in the amount of \$3,295,454.70.

Bid Tabulation
Contract 1-24

Sanitary Sewer & Laterals, Storm Sewer, Water Main and Services and Street Construction

Belmont Avenue, Belmont Ct, Cedar St, and Stevens Street

Line Item	Item Code	Item Description	UoM	Quantity	David Tenor Corporation		Don E. Parker Excavating Inc		Doner Inc.		Don Hietpas and Sons Inc.		PTS Contractors, Inc		Kruczek Construction Inc.		Carl Bowers & Sons Const		De Groot, Inc		Robert Immel Excavating	
					Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	101.3	Furnish and Relay 8-inch PVC Sanitary Sewer	Lin. Ft.	4,465.00	\$80.00	\$357,200.00	\$78.15	\$348,939.75	\$88.00	\$392,920.00	\$91.00	\$406,315.00	\$85.00	\$379,525.00	\$80.00	\$357,200.00	\$93.00	\$415,245.00	\$90.76	\$405,243.40	\$86.75	\$387,338.75
2	102.3	Furnish and Relay 6 inch Sanitary Lateral in ROW	Lin. Ft.	2,000.00	\$85.00	\$170,000.00	\$81.80	\$163,600.00	\$71.00	\$142,000.00	\$89.00	\$178,000.00	\$74.00	\$148,000.00	\$104.00	\$208,000.00	\$90.00	\$180,000.00	\$80.19	\$160,380.00	\$88.85	\$177,700.00
3	102.4	Furnish and Relay 6 inch Sanitary Lateral ROW to House	Lin. Ft.	100.00	\$60.00	\$6,000.00	\$61.60	\$6,160.00	\$58.00	\$5,800.00	\$50.50	\$5,050.00	\$71.00	\$7,100.00	\$73.00	\$7,300.00	\$90.00	\$9,000.00	\$95.95	\$9,595.00	\$65.00	\$6,500.00
4	102.6	Reconnect Lateral to Main	Each	5.00	\$450.00	\$2,250.00	\$211.00	\$1,055.00	\$699.00	\$3,495.00	\$606.00	\$3,030.00	\$1,160.00	\$5,800.00	\$360.00	\$1,800.00	\$400.00	\$2,000.00	\$1,515.00	\$7,575.00	\$755.00	\$3,775.00
5	103.1	Furnish and Pipeburst 4-inch Sanitary Lateral	Lin. Ft.	1,900.00	\$5.15	\$9,785.00	\$5.25	\$9,975.00	\$5.20	\$9,880.00	\$5.05	\$9,595.00	\$5.30	\$10,070.00	\$5.00	\$9,500.00	\$5.00	\$9,500.00	\$5.30	\$10,070.00	\$5.10	\$9,690.00
6	103.2	Furnish and Pipeburst 6-inch Sanitary Lateral	Lin. Ft.	200.00	\$7.21	\$1,442.00	\$7.35	\$1,470.00	\$7.20	\$1,440.00	\$7.07	\$1,414.00	\$7.40	\$1,480.00	\$7.00	\$1,400.00	\$7.00	\$1,400.00	\$7.42	\$1,484.00	\$7.15	\$1,430.00
7	103.3	Reconnect Sanitary Lateral at Foundation - Pipeburst	Each	4.00	\$2,060.00	\$8,240.00	\$2,100.00	\$8,400.00	\$2,060.00	\$8,240.00	\$2,020.00	\$8,080.00	\$2,110.00	\$8,440.00	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$2,121.00	\$8,484.00	\$2,040.00	\$8,160.00
8	103.4	Reconnect Under Basement Floor - Pipeburst	Each	72.00	\$2,575.00	\$185,400.00	\$2,625.00	\$189,000.00	\$2,576.00	\$185,472.00	\$2,525.00	\$181,800.00	\$2,650.00	\$190,800.00	\$2,600.00	\$187,200.00	\$2,500.00	\$180,000.00	\$2,651.25	\$190,890.00	\$2,550.00	\$183,600.00
9	103.5	Extra Hole - Pipeburst	Each	3.00	\$515.00	\$1,545.00	\$525.00	\$1,575.00	\$515.00	\$1,545.00	\$505.00	\$1,515.00	\$525.00	\$1,575.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$530.25	\$1,590.75	\$510.00	\$1,530.00
10	103.6	Remove Building Footing to allow Pipeburst	Each	10.00	\$103.00	\$1,030.00	\$105.00	\$1,050.00	\$103.00	\$1,030.00	\$101.00	\$1,010.00	\$105.00	\$1,050.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$106.05	\$1,060.50	\$105.00	\$1,050.00
11	104.1	Furnish and Install Standard Manhole	Lin. Ft.	120.00	\$564.00	\$67,680.00	\$530.00	\$63,600.00	\$726.00	\$87,120.00	\$605.00	\$72,600.00	\$685.00	\$82,200.00	\$600.00	\$72,000.00	\$500.00	\$60,000.00	\$811.62	\$97,394.40	\$660.00	\$79,200.00
12	105.2	Adjust Sanitary Manhole	Each	2.00	\$450.00	\$900.00	\$950.00	\$1,900.00	\$665.00	\$1,330.00	\$707.00	\$1,414.00	\$875.00	\$1,750.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$858.50	\$1,717.00	\$985.00	\$1,970.00
13	105.6	Remove Sanitary Manhole	Each	18.00	\$400.00	\$7,200.00	\$200.00	\$3,600.00	\$543.00	\$9,774.00	\$405.00	\$7,290.00	\$290.00	\$5,220.00	\$240.00	\$4,320.00	\$800.00	\$14,400.00	\$505.00	\$9,090.00	\$765.00	\$13,770.00
14	106.1	Clean and Televis Sewer (Sanitary only)	Lump Sum	1.00	\$5,120.00	\$5,120.00	\$5,250.00	\$5,250.00	\$6,330.00	\$6,330.00	\$5,050.00	\$5,050.00	\$5,290.00	\$5,290.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$6,893.25	\$6,893.25	\$5,250.00	\$5,250.00
Sanitary Base Bid					\$823,792.00	\$823,792.00	\$805,574.75	\$856,376.00	\$882,163.00	\$848,300.00	\$888,045.00	\$911,467.30	\$866,220.00	\$848,300.00	\$866,220.00	\$888,045.00	\$866,220.00	\$888,045.00	\$866,220.00	\$888,045.00	\$866,220.00	\$888,045.00
15	201.1.1	Furnish & Install 6-inch PVC C-900 Main	Lin. Ft.	30.00	\$205.00	\$6,150.00	\$274.05	\$8,221.50	\$199.00	\$5,970.00	\$161.60	\$4,848.00	\$200.00	\$6,000.00	\$180.00	\$5,400.00	\$100.00	\$3,000.00	\$190.72	\$5,721.60	\$240.00	\$7,200.00
16	201.1.2	Furnish & Install 8-inch PVC C-900 Main	Lin. Ft.	2,975.00	\$83.00	\$246,925.00	\$85.05	\$253,023.75	\$91.00	\$270,725.00	\$91.50	\$272,212.50	\$93.00	\$276,675.00	\$100.00	\$297,500.00	\$99.00	\$294,525.00	\$95.37	\$283,725.75	\$103.85	\$308,953.75
17	201.1.5	Furnish & Install 16-inch PVC C-900 Main	Lin. Ft.	1,738.00	\$163.00	\$283,294.00	\$161.40	\$280,513.20	\$157.00	\$272,866.00	\$184.50	\$320,661.00	\$163.00	\$283,294.00	\$167.00	\$290,246.00	\$164.00	\$285,032.00	\$167.42	\$290,975.96	\$183.00	\$318,054.00
18	202.1.2	Furnish & Install 1.25-inch PE Water Service in ROW by Trenching	Lin. Ft.	1,700.00	\$62.00	\$105,400.00	\$56.40	\$95,880.00	\$51.00	\$86,700.00	\$65.65	\$111,605.00	\$60.00	\$102,000.00	\$70.00	\$119,000.00	\$80.00	\$136,000.00	\$67.84	\$115,328.00	\$70.00	\$119,000.00
19	202.2.2	Furnish & Install 1.25-inch PE Water Service in ROW by Pulling	Lin. Ft.	50.00	\$28.00	\$1,400.00	\$35.00	\$1,750.00	\$30.90	\$1,545.00	\$50.50	\$2,525.00	\$31.00	\$1,550.00	\$83.00	\$4,150.00	\$31.00	\$1,550.00	\$85.85	\$4,292.50	\$70.00	\$3,500.00
20	202.3.2	Furnish & Install 1.25-inch PE Water Service in ROW by Drilling	Lin. Ft.	50.00	\$30.90	\$1,545.00	\$31.50	\$1,575.00	\$30.90	\$1,545.00	\$30.30	\$1,515.00	\$31.00	\$1,550.00	\$30.00	\$1,500.00	\$31.00	\$1,550.00	\$31.82	\$1,591.00	\$31.00	\$1,550.00
21	202.4.2	Furnish & Install 1.25-inch PE Water Service from ROW to Structure by Trenching	Lin. Ft.	50.00	\$30.00	\$1,500.00	\$35.00	\$1,750.00	\$40.00	\$2,000.00	\$35.35	\$1,767.50	\$66.00	\$3,300.00	\$40.00	\$2,000.00	\$31.00	\$1,550.00	\$31.82	\$1,591.00	\$50.00	\$2,500.00
		Furnish & Install 1.25-inch PE Water Service from ROW to Structure by Pulling	Lin. Ft.	50.00	\$30.90	\$1,545.00	\$31.50	\$1,575.00	\$30.90	\$1,545.00	\$30.30	\$1,515.00	\$31.00	\$1,550.00	\$30.00	\$1,500.00	\$31.00	\$1,550.00	\$31.82	\$1,591.00	\$31.00	\$1,550.00
22	202.5.2	Furnish & Install 1.25-inch PE Water Service from ROW to Structure by Drilling	Lin. Ft.	50.00	\$30.90	\$1,545.00	\$31.50	\$1,575.00	\$30.90	\$1,545.00	\$30.30	\$1,515.00	\$31.00	\$1,550.00	\$30.00	\$1,500.00	\$31.00	\$1,550.00	\$31.82	\$1,591.00	\$31.00	\$1,550.00
23	202.6.2	Furnish & Install 1.25-inch PE Service from ROW to Structure by Pulling	Lin. Ft.	50.00	\$30.90	\$1,545.00	\$31.50	\$1,575.00	\$30.90	\$1,545.00	\$30.30	\$1,515.00	\$31.00	\$1,550.00	\$30.00	\$1,500.00	\$31.00	\$1,550.00	\$31.82	\$1,591.00	\$31.00	\$1,550.00
24	202.7.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Pulling w/Sanitary Sewer Pipeburst	Lin. Ft.	1,400.00	\$5.15	\$7,210.00	\$5.25	\$7,350.00	\$5.20	\$7,280.00	\$5.05	\$7,070.00	\$5.30	\$7,420.00	\$5.00	\$7,000.00	\$6.00	\$8,400.00	\$5.30	\$7,420.00	\$5.25	\$7,350.00
25	202.8.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Excavation in same Trench as Sanitary Lateral	Lin. Ft.	50.00	\$10.00	\$500.00	\$15.00	\$750.00	\$24.00	\$1,200.00	\$5.05	\$252.50	\$66.00	\$3,300.00	\$33.00	\$1,650.00	\$31.00	\$1,550.00	\$6.06	\$303.00	\$10.00	\$500.00
26	202.9.2	Furnish & Install 1.25-inch Service Brass Set	Each	76.00	\$619.00	\$47,044.00	\$752.00	\$57,152.00	\$928.00	\$70,528.00	\$600.00	\$45,600.00	\$705.00	\$53,580.00	\$584.00	\$44,384.00	\$650.00	\$49,400.00	\$1,145.22	\$87,036.72	\$635.00	\$48,260.00
27	203.1.1	Furnish & Install Cathodic Protection to Water Service	Each	18.00	\$450.00	\$8,100.00	\$175.00	\$3,150.00	\$138.00	\$2,484.00	\$130.00	\$2,340.00	\$103.00	\$1,854.00	\$68.00	\$1,224.00	\$100.00	\$1,800.00	\$75.75	\$1,363.50	\$165.00	\$2,970.00
28	203.1.3	Water Service Connection to Structure	Each	54.00	\$515.00	\$27,810.00	\$525.00	\$28,350.00	\$515.00	\$27,810.00	\$505.00	\$27,270.00	\$525.00	\$28,350.00	\$500.00	\$27,000.00	\$500.00	\$27,000.00	\$530.25	\$28,633.50	\$525.00	\$28,350.00
29	203.1.4	Water Service Extra Hole (Curb Stop Connection)	Each	3.00	\$515.00	\$1,545.00	\$525.00	\$1,575.00	\$515.00	\$1,545.00	\$505.00	\$1,515.00	\$525.00	\$1,575.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$530.25	\$1,590.75	\$525.00	\$1,575.00
30	203.1.6	Abandon Valve Box	Each	8.00	\$200.00	\$1,600.00	\$200.00	\$1,600.00	\$130.00	\$1,040.00	\$250.00	\$2,000.00	\$115.00	\$920.00	\$164.00	\$1,312.00	\$500.00	\$4,000.00	\$202.00	\$1,616.00	\$225.00	\$1,800.00

31	203.1.7	Abandon Valve Manhole	Each	1.00	\$500.00	\$500.00	\$326.00	\$326.00	\$500.00	\$290.00	\$290.00	\$526.00	\$526.00	\$750.00	\$505.00	\$505.00	\$680.00	\$680.00
32	204.2.4	Furnish & Install 8-inch MJRW Valve and Box	Each	11.00	\$2,800.00	\$2,849.00	\$31,339.00	\$3,111.00	\$28,710.00	\$2,770.00	\$30,470.00	\$3,200.00	\$35,200.00	\$3,000.00	\$33,000.00	\$3,087.57	\$2,705.00	\$29,755.00
33	9999.1	Furnish & Install 16-inch Horizontal Gate Valve and Box	Each	5.00	\$17,450.00	\$16,648.00	\$83,240.00	\$18,937.00	\$82,500.00	\$17,565.00	\$87,825.00	\$20,500.00	\$102,500.00	\$18,000.00	\$90,000.00	\$17,978.00	\$16,650.00	\$83,250.00
		Furnish & Install Hydrant, Lead and																
34	205.1	Valve	Each	8.00	\$7,450.00	\$7,780.00	\$62,240.00	\$8,589.00	\$62,400.00	\$8,550.00	\$68,400.00	\$9,500.00	\$76,000.00	\$7,000.00	\$56,000.00	\$8,641.81	\$8,935.00	\$71,480.00
35	205.2	Abandon Hydrant	Each	3.00	\$375.00	\$250.00	\$750.00	\$390.00	\$1,050.00	\$405.00	\$1,215.00	\$233.00	\$699.00	\$500.00	\$1,500.00	\$454.50	\$235.00	\$705.00
		Water Base Bid					\$924,009.45		\$979,371.50		\$962,668.00		\$1,021,791.00		\$1,001,207.00			\$1,040,532.75
36	301.4	Furnish and Relay 10-inch Storm Sewer	Lin. Ft.	500.00	\$60.00	\$59.70	\$29,850.00	\$53.00	\$34,000.00	\$85.00	\$42,500.00	\$64.00	\$32,000.00	\$72.00	\$36,000.00	\$62.58	\$59.00	\$29,500.00
37	301.5	Furnish and Relay 12-inch Storm Sewer	Lin. Ft.	1,500.00	\$57.00	\$58.90	\$88,350.00	\$52.00	\$90,000.00	\$63.00	\$94,500.00	\$59.00	\$88,500.00	\$72.00	\$108,000.00	\$58.15	\$64.50	\$96,750.00
38	301.6	Furnish and Relay 15-inch Storm Sewer	Lin. Ft.	242.00	\$58.00	\$60.10	\$14,544.20	\$53.00	\$14,762.00	\$61.00	\$14,762.00	\$62.00	\$15,004.00	\$75.00	\$18,150.00	\$60.36	\$71.50	\$17,303.00
39	301.7	Furnish and Relay 18-inch Storm Sewer	Lin. Ft.	268.00	\$63.00	\$63.35	\$16,977.80	\$57.00	\$20,100.00	\$66.00	\$17,688.00	\$65.00	\$17,420.00	\$80.00	\$21,440.00	\$64.32	\$77.50	\$20,770.00
40	303.1	Furnish and Install 4-inch Storm Sewer Lateral	Lin. Ft.	350.00	\$49.00	\$55.00	\$19,250.00	\$52.00	\$17,850.00	\$65.00	\$22,750.00	\$43.00	\$15,050.00	\$75.00	\$26,250.00	\$50.05	\$59.85	\$20,947.50
		Furnish and Install Sump pump Pit (separate)	Each	3.00	\$772.50	\$787.50	\$2,362.50	\$773.00	\$2,272.50	\$790.00	\$2,370.00	\$765.00	\$2,295.00	\$750.00	\$2,250.00	\$795.38	\$765.00	\$2,295.00
42	304.2	Sanitary Pipeburst	Each	7.00	\$515.00	\$525.00	\$3,675.00	\$515.00	\$3,535.00	\$525.00	\$3,675.00	\$500.00	\$3,500.00	\$500.00	\$3,500.00	\$530.25	\$525.00	\$3,675.00
43	305.1	Furnish and Install Catch Basin	Each	16.00	\$1,980.00	\$2,050.00	\$32,800.00	\$2,711.00	\$43,376.00	\$2,225.00	\$35,600.00	\$2,630.00	\$42,080.00	\$2,800.00	\$44,800.00	\$2,632.12	\$2,810.00	\$44,960.00
44	305.8	Adjust Storm Catch Basin	Each	4.00	\$475.00	\$400.00	\$1,600.00	\$687.00	\$1,200.00	\$476.00	\$1,904.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$858.50	\$550.00	\$2,200.00
45	305.9	Remove Storm Catch Basin	Each	12.00	\$300.00	\$250.00	\$3,000.00	\$387.00	\$3,600.00	\$258.00	\$6,336.00	\$200.00	\$2,400.00	\$600.00	\$2,200.00	\$353.50	\$500.00	\$6,000.00
46	306.1	Furnish and Install Storm Manhole	Lin. Ft.	31.00	\$590.00	\$631.00	\$19,561.00	\$763.00	\$19,375.00	\$950.00	\$29,450.00	\$1,200.00	\$37,200.00	\$700.00	\$21,700.00	\$1,016.35	\$1,315.00	\$40,765.00
47	306.8	Adjust Storm Manhole	Each	2.00	\$400.00	\$800.00	\$2,000.00	\$665.00	\$1,570.00	\$520.00	\$1,040.00	\$625.00	\$1,250.00	\$500.00	\$1,000.00	\$858.50	\$575.00	\$1,150.00
48	306.9	Remove Storm Manhole	Each	8.00	\$350.00	\$250.00	\$2,000.00	\$490.00	\$3,200.00	\$290.00	\$2,320.00	\$180.00	\$1,440.00	\$750.00	\$6,000.00	\$454.50	\$500.00	\$4,000.00
49	309.5	Clean and Televis Sewer (Storm only)	Lump Sum	1.00	\$3,200.00	\$3,282.00	\$3,282.00	\$5,310.00	\$3,160.00	\$3,300.00	\$3,300.00	\$2,772.00	\$2,772.00	\$3,125.00	\$3,125.00	\$3,605.70	\$3,280.00	\$3,280.00
50	308.2.4	Install and Maintain Type "D" Inlet Protection	Each	22.00	\$100.00	\$73.50	\$1,617.00	\$95.00	\$2,200.00	\$84.00	\$1,848.00	\$117.00	\$2,574.00	\$100.00	\$2,200.00	\$84.84	\$80.00	\$1,760.00
		Storm Water Base Bid					\$240,869.50		\$256,824.50		\$280,043.00		\$265,485.00		\$303,615.00			\$295,355.50
51	402.2.6.2	Remove Existing Pavement and Maintain Utility Trench	Lin. Ft.	14,000.00	\$0.50	\$0.88	\$12,320.00	\$1.80	\$21,000.00	\$1.70	\$23,800.00	\$2.20	\$30,800.00	\$0.50	\$7,000.00	\$1.11	\$0.75	\$10,500.00
52	405.1	Sawcut Existing Bituminous Pavement	Lin. Ft.	700.00	\$2.76	\$1.55	\$1,085.00	\$2.30	\$1,750.00	\$2.10	\$1,470.00	\$2.00	\$1,400.00	\$2.00	\$1,400.00	\$2.53	\$2.10	\$1,470.00
53	402.2.6.1	Remove Existing Bituminous Pavement	Sq. Yd.	18,000.00	\$0.77	\$0.01	\$180.00	\$1.80	\$13,500.00	\$1.00	\$18,000.00	\$1.00	\$18,000.00	\$1.75	\$31,500.00	\$0.80	\$1.25	\$22,500.00
54	403.2.5.1	Remove Concrete Curb and Gutter	Lin. Ft.	400.00	\$2.80	\$2.89	\$1,156.00	\$3.70	\$1,100.00	\$6.90	\$2,760.00	\$6.63	\$2,652.00	\$8.00	\$3,200.00	\$2.92	\$2.80	\$1,120.00
55	404.4.5	Remove Concrete Sidewalk/Driveway Apron	Sq. Ft.	14,000.00	\$0.41	\$0.42	\$5,880.00	\$0.70	\$5,600.00	\$0.85	\$11,900.00	\$0.80	\$11,200.00	\$1.00	\$14,000.00	\$0.42	\$0.42	\$5,880.00
56	402.1.7.4	Unclassified Excavation	Cu. Yd.	8,100.00	\$10.71	\$11.02	\$89,262.00	\$15.90	\$85,050.00	\$15.80	\$127,980.00	\$15.25	\$123,525.00	\$15.00	\$121,500.00	\$11.14	\$10.70	\$86,670.00
57	402.1.4.11	Furnish and Install Geogrid	Sq. Yd.	15,200.00	\$2.14	\$2.21	\$33,592.00	\$1.50	\$31,920.00	\$2.10	\$31,920.00	\$2.00	\$30,400.00	\$1.60	\$24,320.00	\$2.23	\$33,896.00	\$32,680.00
		Furnish and Install Crushed Aggregate Base	Ton	14,000.00	\$16.07	\$16.54	\$231,560.00	\$14.50	\$220,500.00	\$17.00	\$238,000.00	\$16.50	\$231,000.00	\$14.95	\$209,300.00	\$16.71	\$16.05	\$224,700.00
59	403.2.1.7	Furnish and Install 30-inch Concrete Curb and Gutter (continuous)	Lin. Ft.	7,500.00	\$15.23	\$16.22	\$121,650.00	\$15.90	\$115,875.00	\$16.25	\$121,875.00	\$15.75	\$118,125.00	\$15.00	\$112,500.00	\$16.38	\$15.90	\$119,250.00
60	403.2.1.8	Furnish and Install 30-inch Concrete Curb and Gutter (repair)	Lin. Ft.	400.00	\$60.90	\$44.10	\$17,640.00	\$43.30	\$16,800.00	\$44.40	\$17,760.00	\$43.35	\$17,340.00	\$60.00	\$24,000.00	\$44.54	\$43.25	\$17,300.00
61	404.3.2	Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	12,400.00	\$7.67	\$8.14	\$100,936.00	\$6.60	\$96,100.00	\$6.80	\$84,320.00	\$6.60	\$81,840.00	\$6.25	\$77,500.00	\$8.22	\$7.98	\$98,952.00
62	404.1.1	Furnish and Install 4" Concrete Sidewalk	Sq. Ft.	18,500.00	\$7.21	\$7.41	\$137,085.00	\$6.10	\$130,425.00	\$6.30	\$116,550.00	\$6.00	\$111,000.00	\$6.00	\$111,000.00	\$7.47	\$7.25	\$134,125.00
63	706.2	Install Detectable Warning Fields (supplied by City)	Each	16.00	\$76.13	\$78.75	\$1,260.00	\$77.30	\$1,200.00	\$79.00	\$1,264.00	\$77.00	\$1,232.00	\$75.00	\$1,200.00	\$79.54	\$77.25	\$1,236.00
64	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	600.00	\$2.03	\$1.32	\$792.00	\$1.30	\$750.00	\$1.30	\$780.00	\$1.25	\$750.00	\$2.00	\$1,200.00	\$1.32	\$1.30	\$780.00
65	402.1.7.5	Fine Grade Roadway	Sq. Yd.	17,500.00	\$1.53	\$1.58	\$27,650.00	\$1.50	\$26,600.00	\$1.60	\$28,000.00	\$1.50	\$26,250.00	\$1.50	\$26,250.00	\$1.60	\$1.55	\$27,125.00
66	402.2.3.1	Furnish and Install HMA Pavement (4-inch)	Ton	3,800.00	\$67.27	\$69.25	\$263,150.00	\$67.90	\$253,118.00	\$69.75	\$265,050.00	\$67.25	\$255,550.00	\$65.95	\$250,610.00	\$69.94	\$67.90	\$258,020.00
67	505.1	Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	7,500.00	\$5.41	\$7.41	\$55,575.00	\$8.50	\$54,750.00	\$8.10	\$60,750.00	\$6.00	\$45,000.00	\$8.25	\$61,875.00	\$7.47	\$8.60	\$64,500.00
68	706.1	Install and Maintain Traffic Control	Lump Sum	1.00	\$2,500.00	\$26,401.00	\$26,401.00	\$7,727.00	\$9,900.00	\$10,350.00	\$10,350.00	\$8,440.00	\$8,440.00	\$9,800.00	\$9,800.00	\$10,392.90	\$35,190.00	\$35,190.00
		Street-HMA Base Bid					\$1,127,174.00		\$1,085,938.00		\$1,162,529.00		\$1,114,504.00		\$1,088,155.00			\$1,141,998.00
		Total Base Bid					\$3,097,627.70		\$3,204,297.00		\$3,253,540.00		\$3,268,000.00		\$3,281,022.00			\$3,358,850.00

		Remove Existing Pavement and Maintain Utility Trench	Lin. Ft.	14,000.00	\$0.50	\$7,000.00	\$0.88	\$12,320.00	\$1.80	\$25,200.00	\$1.50	\$21,000.00	\$0.01	\$140.00	\$2.20	\$30,800.00	\$0.50	\$7,000.00	\$1.11	\$15,540.00	\$0.75	\$10,500.00
69	402.1.6.11	Maintain Utility Trench	Lin. Ft.	700.00	\$2.76	\$1,932.00	\$1.55	\$1,085.00	\$2.30	\$1,610.00	\$2.50	\$1,750.00	\$2.10	\$1,470.00	\$2.00	\$1,400.00	\$2.00	\$1,400.00	\$2.53	\$1,771.00	\$2.10	\$1,470.00
70	405.1	Sawcut Existing Bituminous Pavement																				
		Remove Existing Bituminous Pavement	Sq. Yd.	18,000.00	\$0.92	\$16,560.00	\$0.01	\$180.00	\$1.80	\$32,400.00	\$0.90	\$16,200.00	\$0.01	\$180.00	\$0.01	\$180.00	\$1.75	\$31,500.00	\$0.96	\$17,280.00	\$1.40	\$25,200.00
71	402.2.6.1	Remove Concrete Curb and Gutter	Lin. Ft.	400.00	\$2.19	\$876.00	\$2.26	\$904.00	\$3.70	\$1,480.00	\$2.15	\$860.00	\$8.50	\$3,400.00	\$8.00	\$3,200.00	\$8.00	\$3,200.00	\$2.28	\$912.00	\$2.25	\$900.00
72	403.2.5.1	Remove Concrete Sidewalk/Driveway																				
		Apron	Sq. Ft.	14,000.00	\$0.38	\$5,320.00	\$0.37	\$5,180.00	\$0.70	\$9,800.00	\$0.35	\$4,900.00	\$0.80	\$11,200.00	\$0.77	\$10,780.00	\$1.00	\$14,000.00	\$0.37	\$5,180.00	\$0.37	\$5,180.00
74	402.1.7.4	Unclassified Excavation	Cu. Yd.	7,000.00	\$10.71	\$74,970.00	\$11.02	\$77,140.00	\$15.90	\$111,300.00	\$10.50	\$73,500.00	\$21.40	\$149,800.00	\$20.60	\$144,200.00	\$16.00	\$112,000.00	\$11.14	\$77,980.00	\$10.70	\$74,900.00
75	402.1.4.11	Furnish and Install Geogrid	Sq. Yd.	15,200.00	\$2.14	\$32,528.00	\$2.21	\$33,592.00	\$1.50	\$22,800.00	\$2.10	\$31,920.00	\$2.85	\$43,320.00	\$2.75	\$41,800.00	\$1.60	\$24,320.00	\$2.23	\$33,896.00	\$2.15	\$32,680.00
		Furnish and Install Crushed Aggregate																				
76	401.1.1	Base	Ton	10,000.00	\$16.07	\$160,700.00	\$16.54	\$165,400.00	\$14.50	\$145,000.00	\$15.75	\$157,500.00	\$15.30	\$153,000.00	\$14.75	\$147,500.00	\$14.95	\$149,500.00	\$16.71	\$167,100.00	\$16.05	\$160,500.00
77	402.1.1.4	Concrete Pavement 7-Inch	Sq. Yd.	12,800.00	\$46.67	\$597,376.00	\$48.28	\$617,984.00	\$46.30	\$592,640.00	\$45.98	\$588,544.00	\$47.60	\$609,280.00	\$45.75	\$585,600.00	\$82.00	\$1,049,600.00	\$52.13	\$667,264.00	\$50.62	\$647,936.00
		Furnish and Install Concrete Curb & Gutter																				
78	403.2.1.1	Gutter	Lin. Ft.	550.00	\$52.00	\$28,600.00	\$49.35	\$27,142.50	\$48.40	\$26,620.00	\$47.00	\$25,850.00	\$49.70	\$27,335.00	\$47.75	\$26,262.50	\$47.00	\$25,850.00	\$62.57	\$34,413.50	\$60.75	\$33,412.50
		Furnish and Install 6-inch Concrete Sidewalk/Driveway	Sq. Ft.	12,400.00	\$7.67	\$95,108.00	\$8.62	\$106,888.00	\$7.00	\$86,800.00	\$8.10	\$100,440.00	\$7.20	\$89,280.00	\$7.00	\$86,800.00	\$6.25	\$77,500.00	\$8.22	\$101,928.00	\$7.95	\$98,580.00
79	404.3.2	Furnish and Install 4" Concrete																				
80	404.1.1	Sidewalk	Sq. Ft.	18,500.00	\$7.21	\$133,385.00	\$7.41	\$137,085.00	\$6.00	\$111,000.00	\$6.95	\$128,575.00	\$6.20	\$114,700.00	\$6.00	\$111,000.00	\$6.00	\$111,000.00	\$7.47	\$138,195.00	\$7.20	\$133,200.00
81	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	600.00	\$2.03	\$1,218.00	\$2.10	\$1,260.00	\$2.10	\$1,260.00	\$2.00	\$1,200.00	\$2.10	\$1,260.00	\$2.00	\$1,200.00	\$2.00	\$1,200.00	\$1.32	\$792.00	\$1.30	\$780.00
82	402.1.7.5	Fine Grade Roadway	Sq. Yd.	5,300.00	\$3.01	\$15,953.00	\$3.10	\$16,430.00	\$3.00	\$15,900.00	\$1.55	\$8,215.00	\$3.10	\$16,430.00	\$1.60	\$8,480.00	\$2.95	\$15,635.00	\$3.13	\$16,589.00	\$3.05	\$16,165.00
		Furnish and Install HMA Pavement (4-inch)																				
83	402.2.3.1		Ton	1,180.00	\$83.59	\$98,636.20	\$86.05	\$101,539.00	\$84.40	\$99,592.00	\$71.25	\$84,075.00	\$87.00	\$102,660.00	\$73.00	\$86,140.00	\$81.95	\$96,701.00	\$86.91	\$102,553.80	\$84.40	\$99,592.00
		Furnish & Install Terracing, Fertilize, Seed & Hydromulch	Sq. Yd.	7,500.00	\$5.46	\$40,950.00	\$7.46	\$55,950.00	\$8.50	\$63,750.00	\$7.35	\$55,125.00	\$8.70	\$65,250.00	\$6.00	\$45,000.00	\$8.25	\$61,875.00	\$7.53	\$56,475.00	\$9.20	\$69,000.00
85	706.1	Install and Maintain Traffic Control	Lump Sum	1.00	\$4,200.00	\$4,200.00	\$27,401.00	\$27,401.00	\$7,727.00	\$7,727.00	\$9,900.00	\$9,900.00	\$10,350.00	\$10,350.00	\$8,440.00	\$8,440.00	\$9,800.00	\$9,800.00	\$10,392.90	\$10,392.90	\$9,995.00	\$9,995.00
Concrete-Alt Bid						\$1,315,312.20		\$1,387,480.50		\$1,354,879.00		\$1,309,554.00		\$1,399,055.00		\$1,338,782.50		\$1,792,081.00		\$1,448,262.20		\$1,419,990.50
Concrete-Alt Bid Sanitary/Water/Storm						\$3,295,454.70		\$3,357,934.20		\$3,410,494.00		\$3,427,913.00		\$3,490,066.00		\$3,492,278.50		\$3,984,948.00		\$3,655,054.25		\$3,636,842.50

