

Village of Mukwonago  
**Notice of Meeting and Agenda**

**COMMITTEE OF THE WHOLE MEETING**  
**Wednesday, December 7, 2022**

Time: **5:30 pm**

Place: **Mukwonago Municipal Building/Board Room, 440 River Crest Court**

**1. Call to Order**

**2. Roll Call**

**3. Comments from the Public**

*Information and comment may be received from the public by the Committee of the Whole, but solely as to matters that appear on the Agenda for that meeting. The public comment session shall last no longer than 15 minutes and individual presentations are limited to (3) minutes per speaker. These time limits may be extended at the discretion of the Chief Presiding Officer. The Committee of the Whole may have limited discussion on the information received, however, no action will be taken on issues raised during the public comment session unless they are otherwise on the agenda for that meeting. Public comments should be addressed to the Committee of the Whole as a body. Presentations shall not deal in personalities or personal attacks on members of the Board, the applicant for any project or Village employees. Comments, questions and concerns shall be presented in a respectful and professional manner. Any questions to an individual member of the Committee of the Whole or Staff will be deemed out of order by the Presiding Officer.*

**4. Approval of Minutes**

- 4.1 Approval of Minutes of November 2, 2022 Committee of the Whole Meeting.  
[2022-11-02 DRAFT COW Minutes](#)

**5. Finance Committee, Trustee Darlene Johnson**

*Discussion and action possible on the following items.*

- 5.1 Monthly Treasury Report and Revenue/Expenditure Guideline Report For October  
(For information purposes only, no action required)  
[2022-10 October Revenue & Expenditure Report.pdf](#)  
[2022-10 October Treasury Report.pdf](#)
- 5.2 Discussion regarding funding strategies for Capital Improvement Program with Ruekert Mielke  
[Mukwonago Funding Presentation.pptx](#)  
[Mukwonago Funding Memo on Radium Well Treatment.docx](#)
- 5.3 Discussion, presentation, and possible recommendation adopting the sewer rate increase for 2023.  
[2023 Sewer Rate Increase Cover Report](#)  
[DRAFT summary-20221107-recommended rate increases.docx](#)

- 5.4 Discussion of Change Order No. 7 for DeBack Drive Infrastructure *(For informational purposes only, no action required.)*  
[Deback Drive CO 7.pdf](#)
- 5.5 Discussion and possible recommendation to the Village Board to approve Vouchers in the amount of \$1,015,260.76.  
[120722 VB AP COW Packet.pdf](#)
- 5.6 Discussion and possible recommendation to the Village Board to approve **Resolution 2022-70** A Resolution adopting the 2023 Annual Tax Increment District Budgets for TID #3, TID #4, and TID #5  
[RESOLUTION 2022-70 \(Adopt 2023 Village TIF Budgets\).pdf](#)  
[final 2023 TID Budget Summaries for Resolution.pdf](#)
- 5.7 Discussion and possible action to recommend approval of a maintenance contract with Bassett Mechanical for the Wastewater Utilities.  
[2023 Bassett Mechanical Maintenance Contract](#)  
[Village of Mukwonago PM Proposal 113022.pdf](#)
- 5.8 Fire Station #1 water heater replacement. *(For Information Only, no action required)*  
[Station #1 Water Heater Agenda Cover Report.pdf](#)  
[VILLAGE OF MUKWONAGO FIRE DEPT #25534.pdf](#)  
[Estimate 71699.pdf](#)
- 5.9 Discussion and possible recommendation to approve **Resolution 2022-73** a Resolution adopting the 2023 Annual Water and Sewer Utilities Budget, including 2023 Sewer Utility Rate Increase for the Village of Mukwonago.  
[RESOLUTION 2022-73 \(Adopt 2023 Water and Sewer Utility Budgets\).pdf](#)  
[2023 Utilities Summary Budgets for Resolution.pdf](#)
- 5.10 Discussion and possible recommendation to the Village Board to approve **Resolution 2022-74** A resolution related to the annual increase in Impact Fees and Sewer Connection Fees as allowed by Village Municipal Code.  
[RESOLUTION 2022-74 \(2023 Impact Fee Schedule\).pdf](#)  
[Impact Fees Increases for 2023 Resolution Exhibit.pdf](#)
- 5.11 Discussion and possible recommendation to authorize the Village Administrator to draft a resolution to apply for the Vibrant Spaces Grant with Wisconsin Economic Development Corporation.  
[Vibrant Spaces Grant Overview.docx](#)  
[Vibrant Spaces brochure.pdf](#)  
[DRAFT Project Scope.docx](#)  
[Park Design.pdf](#)

## 6. Health and Recreation Committee, Trustee John Meiners

*Discussion and action possible on the following items*



- 6.1 Discussion and possible recommendation to approve the WE Energies service agreement for the Field Park message center sign power.

[WE Energies Agenda Cover Report.pdf](#)

[4821370 Cost Letter.pdf](#)

[4821370 Sketch.pdf](#)

## 7. **Judicial Committee, Trustee Scott Reeves**

*Discussion and action possible on the following items*

- 7.1 Discussion and possible recommendation to approve a Temporary Class "B" Fermented Malt Beverage License for the Knights of Columbus #7048 for a Bean Bag Tournament on January 21-22, 2023, a Card Party on February 11, 2023, and a Family Sock Hop on February 18, 2023.

[Knights of Columbus Temp Alcohol.pdf](#)

- 7.2 Discussion and possible recommendation to approve a Class "A" Fermented Malt Beverage and "Class A" Liquor License Application from Ultra Mart Foods, LLC, d/b/a Metro Market #384, 1010 N Rochester St., Mukwonago, WI *(This application is a reflection of the new DBA only, no change in officers, agents, or Corporate Name)*

[PickNSave Metro Name Change Approval](#)

## 8. **Personnel Committee, Trustee Johnson**

*Discussion and action possible on the following items*

- 8.1 Filling vacant Budgeted positions in the Police Department *(For Information Only, no action required)*

[12-07-2022 COW Police Hiring.pdf](#)

- 8.2 Discussion and possible recommendation on offering two weeks vacation upon hire for officers with atleast 10 years experience as a full-time certified law enforcement officer.

[12-07-2022 COW Police Officer Vacation Days.pdf](#)

[Police Association Contract - Vacation Days.pdf](#)

- 8.3 Discussion and possible recommendation to the Village Board to approve **Resolution 2022-71** A Resolution approving the 2023 Salary and Wage Schedules for Non-Represented Full-Time and Part-Time Employees.

[RESOLUTION 2022-71 \(Wage Resolution-2023\).pdf](#)

- 8.4 Discussion and possible recommendation to the Village Board to approve **Resolution 2022-72** A Resolution authorizing annual stipends for the Assistant Fire Chief and Deputy Fire Chief

[RESOLUTION 2022-72 \(Fire Officer Annual Stipends 2023\).pdf](#)

## 9. **Public Works Committee, Trustee Brill**

*Discussion and action possible on the following items*

- 9.1 Discussion and possible recommendation on **Resolution 2022-68** A Resolution for Minors Estates Phase 2 Sanitary Sewer and Watermain Acceptance.

[Minors 4-Phase 2-Recommendation of Sewer and Water Acceptance.pdf](#)

[RESOLUTION 2022-68 \(Dedication of water and sewer Minors 4\).docx](#)

- 9.2 Discussion and possible recommendation on **Resolution 2022-69** a Resolution to approve the Letter of Credit reduction for Minor's Estates 4 Phase 1 to a new Letter of Credit value of \$199,939.38

[Minors 4-Phase 1 - Letter of Credit Reduction #6.pdf](#)

[RESOLUTION 2022-69 \(LOC Reduction Minors Estates 4\).docx](#)

- 9.3 Discussion and possible recommendation to approve the Holz Parkway and Miniwaukan Park Pond Dredging Final Change Order and Acceptance of completed work.

[20221121-Closeout.pdf](#)

- 9.4 Discussion and possible recommendation on a Resolution to adopt Standard Specifications for constructing village infrastructure.

[Village Standards Agenda Cover Report.docx](#)

[Village S&S 2022.pdf](#)

- 9.5 Discussion and possible recommendation on the Village Engineering Services Agreement with Ruekert-Mielke for 2023 thru 2025.

[Engineering Services Agreementv2.pdf](#)

## **10. Closed Session**

Closed session pursuant to Wis. Stats § 19.85(1)(c) (Compensation and Evaluation. Considering employment, promotion, compensation or performance evaluation data of any public employee subject to the jurisdiction or authority of governing body.) concerning Village Administrator Evaluation

## **11. Reconvene into Open Session**

Motion to reconvene into open session pursuant to Wis. Stats. §19.85(2) for possible discussion and/or action concerning any matter discussed in closed session

## **12. Adjournment**

It is possible that a quorum of, members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information. No action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice. Please note, upon reasonable notice, efforts will be made to accommodate the needs of individuals with disabilities through appropriate aids and services. For additional information or to request this service, contact the Municipal Clerk's Office, (262) 363-6420.

## **MINUTES OF THE COMMITTEE OF THE WHOLE MEETING**

### **Wednesday, November 2, 2022**

Time: **5:30 pm**

Place: **Mukwonago Municipal Building/Board Room, 440 River Crest Court**

#### **Call to Order**

President Winchowky called the meeting to order at 5:30pm.

#### **Roll Call**

Board Members Present

Eric Brill  
James Decker  
Darlene Johnson  
Ken Johnson  
John Meiners  
Scott Reeves  
Fred Winchowky

Also Present

Fred Schnook, Village Administrator  
Diana Dykstra, Village Clerk-Treasurer  
Diana Doherty, Finance Director  
Dan Streit, Police Chief  
Chris DeMotto, Asst. Police Chief  
Nathan Bayer, Village Attorney  
Ron Bittner, Public Works Director  
Wayne Castle, Utilities Director  
Tim Rutenbeck, Building Inspector  
Peter Gesch, Village Engineer  
Jeff Stien, Fire Chief

#### **Comments from the Public**

None.

#### **Presentations**

Introduction of Robert Wagner, Public Works Crew Supervisor.

#### **Approval of Minutes**

##### **Minutes of Committee of the Whole meeting of October 5, 2022**

Decker/D. Johnson motion to approve Minutes of Committee of the Whole meeting of October 5, 2022. Unanimously carried.

#### **Finance Committee, Trustee Darlene Johnson**

**Monthly Treasury Report and Revenue/Expenditure Guideline Report for September**  
*(For information purposes only, no action required)*

#### **Discussion and possible recommendation to approve Accounts Payable Vouchers in the amount of amount of \$394,002.13**

D. Johnson/Meiners motion to recommend approval of Accounts Payable Vouchers in the amount of amount of \$394,002.13. Unanimously carried.

**Announcement of Public Hearing Date on the 2023 Annual Budget set for November 16, 2022.**

**Update on the 2023 Annual Budget and Capital Improvement Plan**

Finance Director Doherty noted the Water Utility is increasing 35,726 and Sewer is increasing by \$38,281. They will request a 5% increase on the Sewer utility but not on the water side.

**Health and Recreation Committee, Trustee John Meiners**  
**Indian Head Park Pedestrian Railroad Crossing Update.**

In April it was found the original pedestrian crossing going to the Beach was never permitted. The Village conducted a petition, and the commission granted a crossing at our expense. The signage is responsibility of East Troy Railroad. DPW Bittner foresees no issues.

**Judicial Committee, Trustee Scott Reeves**

**Discussion and possible recommendation on an ordinance amendment to Section 2-26 Village Board and Section 2-34 Committee of the Whole to reflect the correct day of the week for monthly meetings to be held.**

Reeves/D Johnson motion to recommend approval of an ordinance amendment to Section 2-26 Village Board and Section 2-34 Committee of the Whole to reflect the correct day of the week for monthly meetings to be held. Unanimously carried.

**Library Board of Trustees, Trustee Brill**

Library Director Report for the month of October 2022

**Public Works Committee, Trustee Brill**

**Discussion and possible recommendation on Pre-bid design Task Order 2022-11 for Well 3 and 4 HMO Treatment Predesign Study with Ruekert-Mielke, Inc.**

Brill/Decker motion to recommend approval of Pre-bid design Task Order 2022-11 for Well 3 and 4 HMO Treatment Predesign Study with Ruekert-Mielke, Inc.

Ruekert-Mielke was present to help answer any questions.

He noted a Study will help provide answers to questions such as if they will be required to blend and provide recommendations. ARPA Funds are being used.

Unanimously carried.

**Discussion and possible recommendation on the Atkinson Lift Station Pump Improvements Bid to August Winter & Sons Inc in the amount of \$1,184,000.**

Brill/K. Johnson motion to recommend the Atkinson Lift Station Pump Improvements Bid to August Winter & Sons Inc in the amount of \$1,184,000.

Director Castle noted this was BID once before, and Bids came back too high. They worked and redesigned aspects of project and went back out to bid. Finally came back in under budget. Unanimously carried.

**Discussion and possible recommendation on a resolution to approve a Letter of Credit reduction for Minors Estates Phase 2.**

Brill/Decker motion to recommend approval on a resolution to approve a Letter of Credit reduction for Minors Estates Phase 2.

Unanimously carried.

**Discussion and possible direction to the Public Works Director whether to issue a Right of Way permit to IDC subject to DNR approval and property owner agreeing to indemnify and hold the Village harmless.**

Brill/Decker motion to recommend approval and direction to the Public Works Director whether to issue a Right of Way permit to IDC subject to DNR approval and property owner agreeing to indemnify and hold the Village harmless.

Administrator Fred Schnook noted there was a Chemical spill some time ago at IDC.

They have been working on injecting chemicals and have a request to DNR to place in the Village right of way. They have permission and have requested a ROW permit from the Village Board.

DNR has verbally told him they plan to issue the permit

Joe Schaefer from IDC was present to noted they are working on 600 Perkins. This is a holdover from old company. Have spent over \$500,000 on this project at the source site. They also did an excavation by request of DNR. They have treated the source and it has been successful.

They have approval from GS Global and Milwaukee Tool. They would like to complete about Thanksgiving time, and then monitoring quarterly. Unanimously carried.

### **Downtown Development Committee, Trustee Scott Reeves**

#### **Update from Downtown Development Committee meeting of October 27, 2022**

It was noted President Winchowky chaired the meeting. There was an introduction of new members and a new signs presentation from Committee member Wamser,

Tina Chitwood conducted a presentation regarding connect Communities and ideas for grants moving forward. There was an update for Planter Sponsorship, and Trustee Meiners was present to discuss the 201 N Rochester Street. The budget has already been set for 2023 and they will continue to discuss next year if they are still interested.

No action required.

### **Adjournment**

Meeting adjourned at 6:02pm.

Respectfully Submitted,

Diana Dykstra, MMC  
Village Clerk-Treasurer

PERIOD ENDING 10/31/2022

PRELIMINARY DECEMBER BUDGET TO ACTUAL  
 SELECT FUNDS

GL NUMBER	DESCRIPTION	2022 AMENDED BUDGET	YTD BALANCE 10/31/2022	AVAILABLE BALANCE	% BDGT USED
Fund 100 - GENERAL FUND					
Revenues					
OTHERREV	OTHER REVENUES	89,694.00	26,702.26	62,991.74	29.77
PTAX	GENERAL PROPERTY TAX	3,006,389.00	3,006,328.40	60.60	100.00
UNCLASSIFIED	Unclassified	0.00	1,944.00	(1,944.00)	100.00
TAXES	OTHER TAXES	436,463.00	345,323.87	91,139.13	79.12
IGOVTVREV	INTERGOVERNMENTAL REVENUES	847,509.00	654,377.23	193,131.77	77.21
LICPER	LICENSES & PERMITS	446,937.00	398,625.53	48,311.47	89.19
LAWORD	FINES & FORFEITURES	173,000.00	136,118.88	36,881.12	78.68
PUBCHGS	PUBLIC CHARGES FOR SERVICES	30,488.00	22,108.40	8,379.60	72.52
LEISURE	LEISURE ACTIVITIES	72,000.00	39,474.54	32,525.46	54.83
IGOVTVCH	INTERGOVERNMENTAL CHARGES	200,201.00	196,687.09	3,513.91	98.24
INVTSTINC	INVESTMENT INCOME	11,300.00	53,107.74	(41,807.74)	469.98
TOTAL REVENUES		5,313,981.00	4,880,797.94	433,183.06	91.85
Expenditures					
5111	VILLAGE BOARD	67,713.00	43,366.04	24,346.96	64.04
5112	HISTORIC PRESERVATION	290.00	3.29	286.71	1.13
5120	MUNICIPAL COURT	37,954.00	32,507.77	5,446.23	85.65
5130	VILLAGE ATTORNEY	118,750.00	84,364.78	34,385.22	71.04
5141	VILLAGE ADMINISTRATOR	180,709.00	127,600.45	53,108.55	70.61
5142	CLERK-TREASURER	249,528.00	190,633.35	58,894.65	76.40
5144	ELECTIONS	26,900.00	13,861.10	13,038.90	51.53
5145	FINANCE DEPARTMENT	69,428.00	38,664.56	30,763.44	55.69
5150	IT SERVICES	15,000.00	8,665.34	6,334.66	57.77
5151	INDEPENDENT AUDITING	14,000.00	8,532.29	5,467.71	60.94
5153	ASSESSMENT OF PROPERTY	20,550.00	19,507.83	1,042.17	94.93
5154	RISK & PROPERTY INSURANCE	128,103.00	100,007.94	28,095.06	78.07
5160	VILLAGE HALL	48,836.00	43,817.69	5,018.31	89.72
5211	POLICE ADMINISTRATION	1,208,497.00	917,254.93	291,242.07	75.90
5212	POLICE PATROL	1,066,620.00	850,447.59	216,172.41	79.73
5213	CRIME INVESTIGATION	256,544.00	203,723.90	52,820.10	79.41
5215	POLICE TRAINING	12,000.00	6,643.60	5,356.40	55.36
5220	FIRE STATION (VILLAGE)	11,075.00	6,802.12	4,272.88	61.42
5235	EMERGENCY GOVERNMENT	2,000.00	834.00	1,166.00	41.70
5241	BUILDING INSPECTOR	282,221.00	200,303.23	81,917.77	70.97
5247	BOARD OF APPEALS	1,050.00	255.68	794.32	24.35
5254	DAMS	8,435.00	10,047.12	(1,612.12)	119.11
5300	DPW GENERAL ADMINISTRATION	356,588.00	275,891.59	80,696.41	77.37
5323	GARAGE	65,256.00	52,641.15	12,614.85	80.67
5324	MACHINERY & EQUIPMENT	113,045.00	91,868.84	21,176.16	81.27
5335	ENGINEERING	75,000.00	31,564.39	43,435.61	42.09
5341	STREETS & ALLEYS	22,024.00	13,362.45	8,661.55	60.67
5342	STREET LIGHTING	180,500.00	123,636.84	56,863.16	68.50
5343	CURBS GUTTERS & SIDEWALKS	25,631.00	23,485.75	2,145.25	91.63
5344	STORM SEWER	16,470.00	5,968.35	10,501.65	36.24
5345	STREET CLEANING	16,672.00	11,044.09	5,627.91	66.24
5346	BRIDGES & CULVERTS	2,550.00	0.00	2,550.00	0.00
5347	SNOW & ICE CONTROL	122,249.00	71,938.29	50,310.71	58.85
5348	STREET SIGNS & MARKINGS	16,297.00	13,494.48	2,802.52	82.80
5362	GARBAGE COLLECTION	3,664.00	5,088.03	(1,424.03)	138.87
5431	ANIMAL POUND	2,550.00	2,420.00	130.00	94.90
5512	MUSEUM	12,600.00	7,816.46	4,783.54	62.04
5521	PARKS	187,471.00	174,737.11	12,733.89	93.21
5522	CELEBRATIONS	8,200.00	7,881.69	318.31	96.12
5611	FORESTRY	24,296.00	26,841.02	(2,545.02)	110.48
5613	WEED CONTROL	210.00	227.30	(17.30)	108.24
5632	PLANNING DEPARTMENT	123,701.00	60,871.96	62,829.04	49.21
5660	STORMWATER MASTER PLAN	11,500.00	7,530.03	3,969.97	65.48
5670	ECONOMIC DEVELOPMENT	57,799.00	46,499.34	11,299.66	80.45
5900	OTHER FINANCING USES	43,505.00	0.00	43,505.00	0.00
TOTAL EXPENDITURES		5,313,981.00	3,962,653.76	1,351,327.24	74.57
Fund 100 - GENERAL FUND:					
TOTAL REVENUES		5,313,981.00	4,880,797.94	433,183.06	91.85
TOTAL EXPENDITURES		5,313,981.00	3,962,653.76	1,351,327.24	74.57
NET OF REVENUES & EXPENDITURES		0.00	918,144.18	(918,144.18)	100.00

PERIOD ENDING 10/31/2022

PRELIMINARY DECEMBER BUDGET TO ACTUAL  
 SELECT FUNDS

GL NUMBER	DESCRIPTION	2022 AMENDED BUDGET	YTD BALANCE 10/31/2022	AVAILABLE BALANCE	% BDGT USED
Fund 150 - FIRE/AMBULANCE FUND					
Revenues					
OTHERREV	OTHER REVENUES	40,403.00	20,458.10	19,944.90	50.64
PTAX	GENERAL PROPERTY TAX	194,835.00	162,362.50	32,472.50	83.33
EBIX	EBIX REVENUES	1,041,995.00	714,852.93	327,142.07	68.60
IGOVTRV	INTERGOVERNMENTAL REVENUES	84,000.00	108,918.17	(24,918.17)	129.66
PUBCHGS	PUBLIC CHARGES FOR SERVICES	100.00	930.00	(830.00)	930.00
IGOVTC	INTERGOVERNMENTAL CHARGES	194,835.00	162,362.50	32,472.50	83.33
INVTINC	INVESTMENT INCOME	270.00	1,369.31	(1,099.31)	507.15
TOTAL REVENUES		1,556,438.00	1,171,253.51	385,184.49	75.25
Expenditures					
5140	ADMINISTRATIVE & GENERAL	27,869.00	23,224.10	4,644.90	83.33
5221	FIRE ADMINISTRATION	1,002,618.00	787,629.14	214,988.86	78.56
5222	FIRE SUPPRESSION	57,880.00	38,025.88	19,854.12	65.70
5223	FIRE TRAINING	27,429.00	17,691.30	9,737.70	64.50
5231	AMBULANCE	357,904.00	294,631.92	63,272.08	82.32
5232	AMBULANCE TRAINING	14,738.00	10,421.43	4,316.57	70.71
5700	CAPITAL OUTLAY EXPENDITURES	38,000.00	19,261.02	18,738.98	50.69
5880	USE OF GRANTS/DONATIONS	0.00	2,184.16	(2,184.16)	100.00
5900	OTHER FINANCING USES	30,000.00	0.00	30,000.00	0.00
TOTAL EXPENDITURES		1,556,438.00	1,193,068.95	363,369.05	76.65
Fund 150 - FIRE/AMBULANCE FUND:					
TOTAL REVENUES		1,556,438.00	1,171,253.51	385,184.49	75.25
TOTAL EXPENDITURES		1,556,438.00	1,193,068.95	363,369.05	76.65
NET OF REVENUES & EXPENDITURES		0.00	(21,815.44)	21,815.44	100.00



PERIOD ENDING 10/31/2022

PRELIMINARY DECEMBER BUDGET TO ACTUAL  
 SELECT FUNDS

GL NUMBER	DESCRIPTION	2022 AMENDED BUDGET	YTD BALANCE 10/31/2022	AVAILABLE BALANCE	% BDGT USED
Fund 610 - WATER UTILITY FUND					
Revenues					
OTHERREV	OTHER REVENUES	100.00	205.19	(105.19)	205.19
UTILREV	UTILITY REVENUES	2,139,000.00	1,640,146.54	498,853.46	76.68
CONTRIB	CONTRIBUTED CAPITAL	150,000.00	88,037.46	61,962.54	58.69
MISCINC	MISC INCOME UTILITIES	142,200.00	121,108.62	21,091.38	85.17
IGOVTC	INTERGOVERNMENTAL CHARGES	1,500.00	727.80	772.20	48.52
INVTINC	INVESTMENT INCOME	2,549.00	16,355.58	(13,806.58)	641.65
TOTAL REVENUES		2,435,349.00	1,866,581.19	568,767.81	76.65
Expenditures					
5900	OTHER FINANCING USES	337,101.00	10,000.00	327,101.00	2.97
6200	PUMPING OPERATIONS	133,036.00	114,714.96	18,321.04	86.23
6210	PUMPING MAINTENANCE	113,828.00	32,463.29	81,364.71	28.52
6300	WATER TREATMENT OPERATIONS	68,562.00	58,378.25	10,183.75	85.15
6310	WATER TREATMENT MAINTENANCE	33,180.00	20,071.52	13,108.48	60.49
6450	T&D-DISTR RSRVR/STNDP MAINT	3,933.00	4,764.93	(831.93)	121.15
6451	T&D-MAINS MAINTENANCE	47,611.00	16,291.09	31,319.91	34.22
6452	T&D-SERVICES MAINTENANCE	42,809.00	25,980.40	16,828.60	60.69
6453	T&D-METERS MAINTENANCE	29,647.00	5,549.38	24,097.62	18.72
6454	T&D-HYDRANTS MAINTENANCE	48,513.00	16,700.81	31,812.19	34.43
6901	METER READING LABOR	9,711.00	2,777.21	6,933.79	28.60
6902	ACCOUNTING & COLLECTING LABOR	82,865.00	67,275.26	15,589.74	81.19
6920	ADMINISTRATIVE & GENERAL EXP	979,850.00	686,725.04	293,124.96	70.08
TOTAL EXPENDITURES		1,930,646.00	1,061,692.14	868,953.86	54.99
Fund 610 - WATER UTILITY FUND:					
TOTAL REVENUES		2,435,349.00	1,866,581.19	568,767.81	76.65
TOTAL EXPENDITURES		1,930,646.00	1,061,692.14	868,953.86	54.99
NET OF REVENUES & EXPENDITURES		504,703.00	804,889.05	(300,186.05)	159.48

PERIOD ENDING 10/31/2022

PRELIMINARY DECEMBER BUDGET TO ACTUAL  
 SELECT FUNDS

GL NUMBER	DESCRIPTION	2022 AMENDED BUDGET	YTD BALANCE 10/31/2022	AVAILABLE BALANCE	% BDGT USED
Fund 620 - SEWER UTILITY FUND					
Revenues					
OTHERREV	OTHER REVENUES	1,000.00	252.58	747.42	25.26
UNCLASSIFIED	Unclassified	10,000.00	10,000.00	0.00	100.00
UTILREV	UTILITY REVENUES	1,707,000.00	1,318,210.82	388,789.18	77.22
LICPER	LICENSES & PERMITS	186,800.00	65,256.26	121,543.74	34.93
CONTRIB	CONTRIBUTED CAPITAL	96,000.00	32,538.68	63,461.32	33.89
MISCINC	MISC INCOME UTILITIES	150,000.00	160,681.57	(10,681.57)	107.12
INVSTINC	INVESTMENT INCOME	4,699.00	33,500.89	(28,801.89)	712.94
TOTAL REVENUES		2,155,499.00	1,620,440.80	535,058.20	75.18
Expenditures					
5900	OTHER FINANCING USES	82,893.00	0.00	82,893.00	0.00
8010	WWTP-TREATMENT/DISPOSAL/GP	519,468.00	537,298.67	(17,830.67)	103.43
8020	LIFT STATIONS/PUMPING EQUIP	28,227.00	19,006.33	9,220.67	67.33
8030	WASTEWATER COLLECTION SYSTEM	50,085.00	41,599.96	8,485.04	83.06
8300	ACCOUNTING/COLLECTING	80,865.00	66,039.71	14,825.29	81.67
8400	ADMINISTRATIVE & GENERAL	637,277.00	414,631.55	222,645.45	65.06
TOTAL EXPENDITURES		1,398,815.00	1,078,576.22	320,238.78	77.11
Fund 620 - SEWER UTILITY FUND:					
TOTAL REVENUES		2,155,499.00	1,620,440.80	535,058.20	75.18
TOTAL EXPENDITURES		1,398,815.00	1,078,576.22	320,238.78	77.11
NET OF REVENUES & EXPENDITURES		756,684.00	541,864.58	214,819.42	71.61

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User: ddoherty  
DB: Mukwonago

REVENUE AND EXPENDITURE REPORT FOR VILLAGE OF MUKWONAGO

Page: 5/5

PERIOD ENDING 10/31/2022

PRELIMINARY DECEMBER BUDGET TO ACTUAL

SELECT FUNDS

GL NUMBER	DESCRIPTION	2022 AMENDED BUDGET	YTD BALANCE 10/31/2022	AVAILABLE BALANCE	% BDGT USED
TOTAL REVENUES - ALL FUNDS		11,461,267.00	9,539,073.44	1,922,193.56	83.23
TOTAL EXPENDITURES - ALL FUNDS		10,199,880.00	7,295,991.07	2,903,888.93	71.53
NET OF REVENUES & EXPENDITURES		1,261,387.00	2,243,082.37	(981,695.37)	177.83

TREASURERS REPORT	Oct-2022	TOTAL	Citizens	LGIP	Long Term Investments - Johnson Bank & ADM
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#### GENERAL VILLAGE

100-111xxx	General Fund	3,323,824.38	83,745.79	2,169,457.30	1,070,621.29
100-111005/020/033	Checking/MRA/Accrued Sick	979,111.15	569,137.68	298,710.18	111,263.29
150-111300	Fire Department	332,147.26	228,385.40	103,761.86	
200-110xxx	Community Development (Deback)	1,271,888.71	194,363.53	1,077,525.18	
210-111xxx	Wisc Development - RLF	139,578.18	3,036.54	136,541.64	-
220-111xxx	TID#3-General	816,914.24	34,411.44	768,883.38	13,619.42
240-111xxx	TID#4-General	217,868.77	139,067.75	78,801.02	
250-111xxx	TID#5-General	2,522,260.63	383,924.71	2,138,335.92	
300-111xxx	Debt Service	1,390,822.48	1,854.59	1,388,967.89	
320-111300	Fire Department Designated	167,043.83	84.69	166,959.14	
340-111xxx	Village Designated Funds	528,087.89	2,845.76	525,242.13	
350-111xxx	American Rescue Plan Act	850,781.75		850,781.75	
410-111300	Recycling	208,970.44	109,001.45	99,968.99	
430-111300	Capital Equipment	186,640.44	82,920.62	103,719.82	
440-111xxx	Library	464,087.47	241,657.04	222,430.43	
480-111xxx	Capital Improvement Funds	2,990,542.56	211,664.10	2,323,798.32	455,080.14
500-111300	Stormwater District #1	41,742.94	25,543.99	16,198.95	
600-111xxx	Impact Fees	343,920.87	126,497.35	217,423.52	
720-111xxx	Taxroll	32,472.50	32,472.50	-	
810-111xxx	Parkland Site	236,603.96	19,963.47	216,640.49	
TOTAL		17,045,310.45	2,490,578.40	12,904,147.91	1,650,584.14

#### WATER UTILITY

610-111300	Cash	845,957.49	845,957.49		
610-111200	Bonds & Unrestricted Cash	477,237.04		477,237.04	
610-111400	Long Term Debt	26,377.73			26,377.73
610-111050	Current Year Debt Reserve	351,047.08	351,047.08	-	
610-111060	Required Debt Reserve	530,914.56	-	119,841.54	411,073.02
610-111080	Impact Fee	89,143.47	88,630.73	512.74	
610-111033	Accrued Sick Pay	8,854.96		8,854.96	-
TOTAL		2,329,532.33	1,285,635.30	606,446.28	437,450.75

#### SEWER UTILITY

620-111300	Cash	233,444.84	233,444.84		
620-111200	Bonds & Unrestricted Cash	497,868.89		497,868.89	
610-111400	Long Term Debt	125,896.34			125,896.34
620-111030	Sewer Connection Fee	191,305.80	70,102.72	121,203.08	-
620-111060	Required Debt Reserve	734,755.33	-	16,851.56	717,903.77
620-111050	Current Year Debt Reserve	564,074.05	564,074.05	-	
620-111070	Equipment Replacement Fund	733,356.93	-	538,437.07	194,919.86
620-111080	Impact Fee	760,721.16	33,199.43	727,521.73	
620-111033	Accrued Sick Pay	8,854.96		8,854.96	-
TOTAL		3,850,278.30	900,821.04	1,910,737.29	1,038,719.97

GRAND TOTAL	23,225,121.08	4,677,034.74	15,421,331.48	3,126,754.86
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Prepared by Diana Doherty

balance check

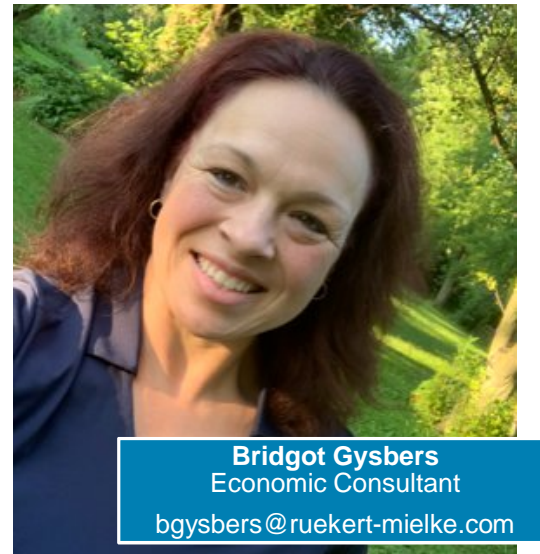
23,225,121.08

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The background of the slide is a collage of US dollar bills, primarily \$100 bills, featuring Benjamin Franklin. The bills are layered and slightly tilted, creating a sense of depth. A large, solid blue curved shape on the left side of the slide frames the title text.

# CAPITAL IMPROVEMENT PLANNING AND FUNDING ANALYSIS

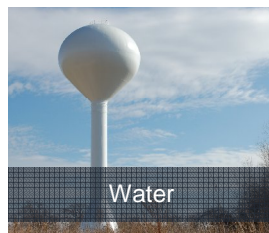
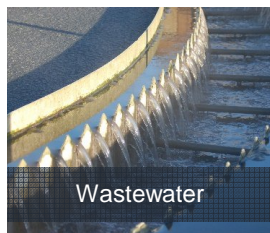
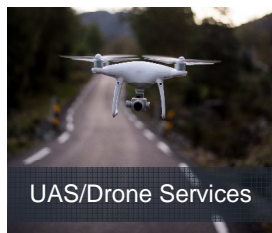
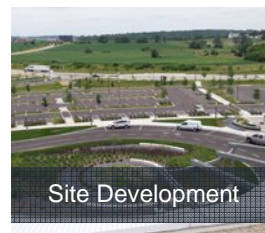
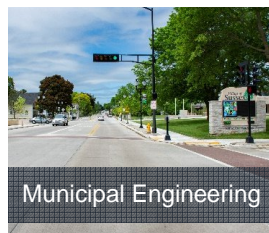
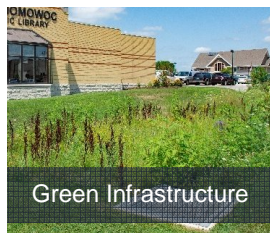
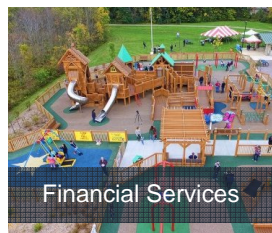
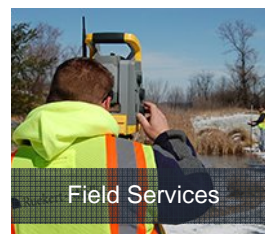
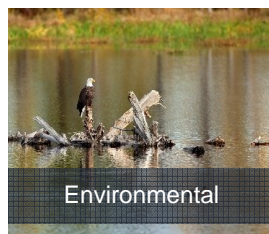
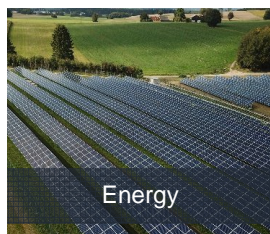
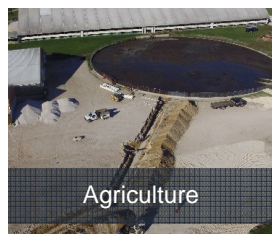
# About Us



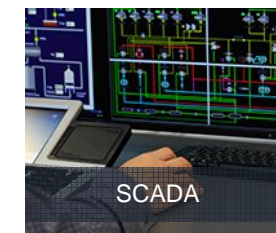
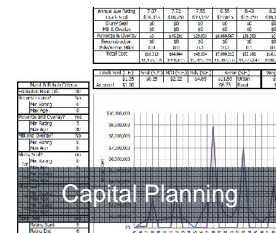
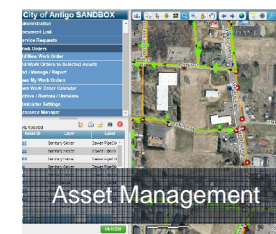


# About Ruekert & Mielke, Inc.

## ENGINEERING SERVICES



## TECHNOLOGY





# Overview



# CAPITAL IMPROVEMENT PLANNING AND FUNDING



# Stretching Each Dollar

## Long-term CIP

- All needs – projects, equipment, technology
- Priorities – 1, 2, 3
- Funding

## Advantages

- Buy-in
- Grant leveraging
- Coordination = cost savings

## Update

# Funding Methods

- Property Taxes
  - Tax Increment Financing (TIF)
- User Fees
- Utilities
- Grant Funds
- Donated Funds

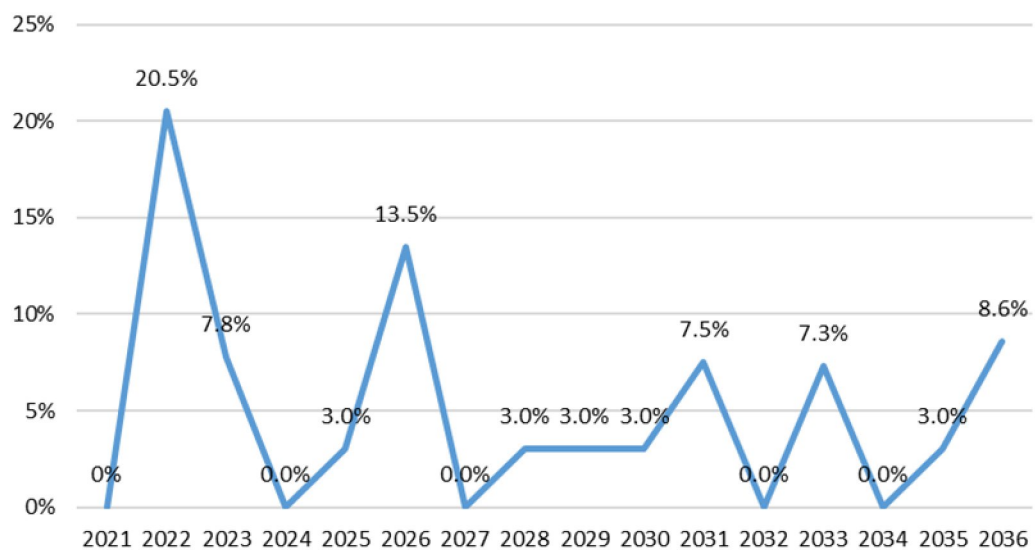


### Village of Ashwaubenon 10-Year Water/Street CIP - 2023-2036 - May 17, 2022

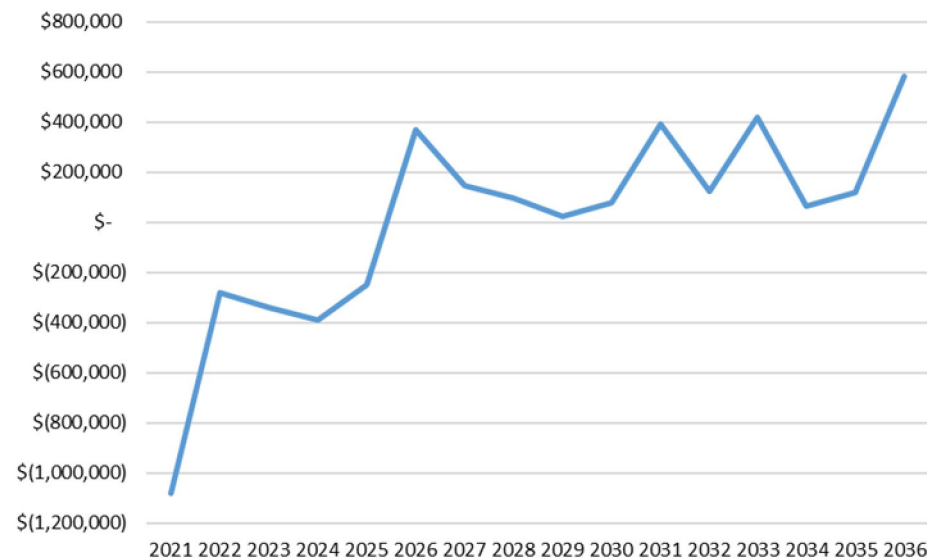
Project	Road	Project Phase	Impr Year	Roadway Cost	Water Main Cost	Sanitary Cost	Storm Sewer Cost	General Cost (Mob/TC/E C/SW/Sign/Lighting)	Total Project Cost
	Length								
WATER FACILITY PROJECTS									
Mike Vann Booster Station Booster Pump Rehab		1	2025		\$50,000				\$50,000
Ridge Road Standpipe Repainting		1	2026		\$400,000				\$400,000
Mike Vann Station SCADA System Comp Upgrade		1	2027		\$17,500				\$17,500
Ridge Road Elevated Storage Tank Cla-Val Rehab		1	2027		\$5,000				\$5,000
Marvell Lane Elevated Storage Tank Repainting		1	2033		\$500,000				\$500,000
Argonne Station #5 Pump Rehab		1	2035		\$80,000				\$80,000
Ridge Station #4 Pump Rehab		1	2037		\$80,000				\$80,000
Babcock Standpipe Demolition		1	2024		\$125,000				\$125,000
WATER DISTRIBUTION PROJECTS									
Ashland Ave Access Road (North)	3360	2	2037	\$495,672	\$444,960	\$405,240	\$504,000	\$117,600	\$1,967,472
Cormier Road (East of Packerland Drive)	2200	1	2036	\$472,950	\$436,000	\$377,000	\$330,000	\$77,000	\$1,692,950
Cormier Road (East of STH 41)	1400	2	2037	\$302,150	\$275,200	\$223,300	\$210,000	\$49,000	\$1,059,650
Cormier Road (West of STH 41)	3130	1	2035	\$675,893	\$654,200	\$533,300	\$469,500	\$109,550	\$2,442,443
North Ridge Road (South)	2000	1	2027	\$425,700	\$287,700	\$264,550	\$300,000	\$70,000	\$1,347,950
North Ridge Road/Pilgrim Way	1625	2	2037	\$289,981	\$213,000	\$230,050	\$243,750	\$56,875	\$1,033,656
Hansen Road (Bayside Marketplace)	1270	1	0	\$310,990	\$147,700	\$161,750	\$190,500	\$44,450	\$855,390
Hansen Road (East of STH 41)	1415	2	2037	\$348,643	\$180,900	\$187,150	\$212,250	\$49,525	\$978,468
Marlee Lane	3770	1	2034	\$701,188	\$657,600	\$594,250	\$565,500	\$131,950	\$2,650,488
Marvelle Lane (East)	1375	2	2037	\$252,350	\$151,200	\$182,750	\$206,250	\$48,125	\$840,675
Babcock Road (South of 172)	2050	3	2047	\$333,620	\$357,800	\$286,700	\$307,500	\$71,750	\$1,357,370
Cormier Road/Point Road (W of Packerland)	2985	2	2037	\$627,791	\$502,200	\$454,350	\$447,750	\$104,475	\$2,136,566
Holmgren Way (South of STH 172)	885	2	2037	\$235,991	\$122,400	\$111,750	\$132,750	\$30,975	\$633,866
Shady Lane (North of 172)	3750	1	0	\$683,138	\$676,200	\$544,800	\$562,500	\$131,250	\$2,597,888
Pioneer Drive	3850	2	2037	\$698,313	\$606,000	\$549,500	\$577,500	\$134,750	\$2,566,063
Holmgren Way (South of Vanderperren)	2350	1	2029	\$442,738	\$344,500	\$294,500	\$352,500	\$82,250	\$1,516,488
Morris Avenue/Barberry Lane/Wildwood Lane	2900	2	2037	\$520,160	\$492,000	\$445,000	\$435,000	\$101,500	\$1,993,660
Echo Lane/Daisy Lane	2685	2	2037	\$447,234	\$500,250	\$427,650	\$402,750	\$93,975	\$1,871,859
Alice Drive/Echo Lane (West)	2350	1	2032	\$397,440	\$447,600	\$403,400	\$352,500	\$82,250	\$1,683,190
Sherwood Drive	900	1	2027	\$151,160	\$165,600	\$149,400	\$135,000	\$31,500	\$632,660
Total Roadway Costs				\$11,486,740					
Total Water Costs					\$11,789,860				
Total Sanitary Costs						\$8,773,115			
Total Storm Sewer Costs							\$8,893,500		
Total General Costs								\$2,075,150	
Total Project Costs									\$43,018,365

# CIP & Funding Analysis

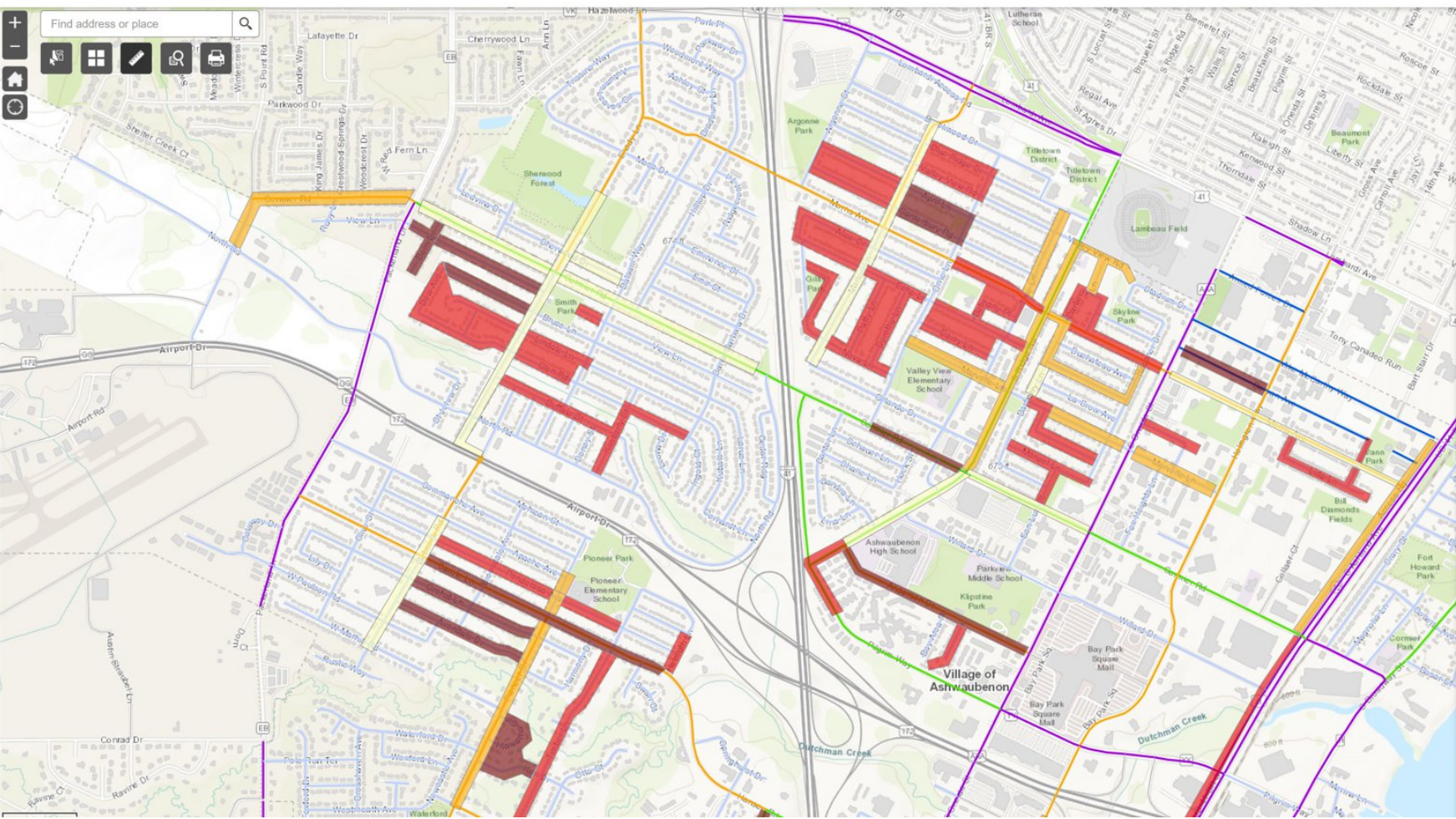
Annual Rate Increases



Net Operating Income







**Legend**

**Ashwaubenon Project Areas**

Project Year

- 2056+
- 2046 - 2055
- 2036 - 2045
- 2026 - 2035

**Ashwaubenon Road Classifications**

- Local (<1000 AADT)
- Collect (1000 < AADT < 5000)
- Arterial (>5000 AADT)
- Non-Village / CTH
- Industrial
- Other

**Water Main 1950 and Older**

**Water Mains 1951-60**

**Water Mains 1961-70**

**Water Mains 1971-80**



# MUKWONAGO



# Mukwonago's Overall Strengths

## ■ CIP

- 5+ years
- Multiple departments

## ■ Funding Analysis

- Memo for Atkinson lift station
- Request for future project-specific analysis



# Mukwonago Funding Profile

- Population – Growth in forecast
- Population Size – Small
- Median Income – High
- Specific Project Related Funding
  - Phosphorus
  - Lead Service Line (LSL) Replacements



# Specific Project: Radium Removal

- Options
  - Safe Drinking Water Loan Program (SDWLP)
  - USDA Water & Wastewater Loan and Grant Program
  - Community Development Block Grant (CDBG)
  - State Trust Fund
  - Municipal Bonds
- SDWLP versus other loans – over \$1 million in savings
- Long lead times: importance of planning



# NEXT STEPS



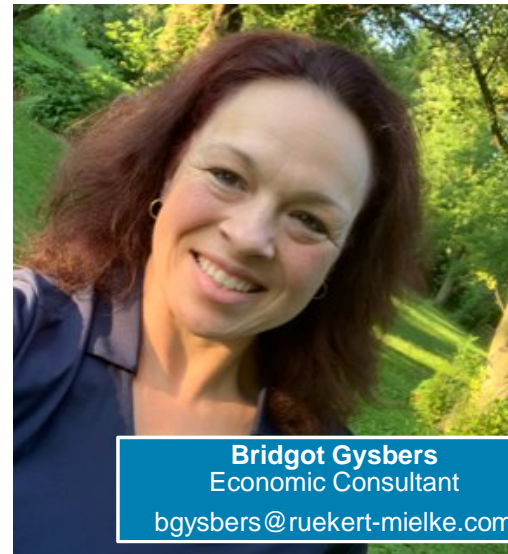


## Next Steps

- Funding analysis for projects in CIP – memo for each major project



# Questions?





## Project Funding Strategy

Client: Village of Mukwonago

Project: HMO Treatment for Radium at Well 4

Project Timeframe: 2024-2025

Client Contacts: Fred Schnook, Village Administrator  
Wayne Castle, Utilities Director

Manager: Dave Arnott

Funding Strategy Author: Bridgot Gysbers & Ed Maxwell

Funding Strategy Preparation Date: November 29, 2022

### Funding Sources Evaluated

Safe Drinking Water Loan Program

USDA Water & Wastewater Program

Community Block Grant

State Trust Fund

Focus on Energy

Municipal Bonds

### Project Description

The Water Utility's Wells 3 and 4 produce water that exceeds the allowable limit for radium. Currently, water from these wells must be blended with water from other wells to comply with the radium standard. Even with blending, output for Wells 3 and 4 is very limited, causing a deficiency in the Village's water supply. For this project, HMO would be added to capture the radium particles. The water would be forced through a sand filter where radium-containing solids would be captured, and clear water would flow through the filter into the distribution system. The solids would be released to the sanitary sewer system when the filters are backwashed. The radium particles would pass through and end up in the sludge which is applied to farm fields. Other project components include ceiling repair at Well 3, electrical updates at Well 3, mixing basin changes at Well 3, expanding the reservoir at Well 4, adding booster pump(s) at Well 4, installing a flow meter at Well 4, and flooring and painting updates at Well 4.

### Current Project Prioritization

In its Capital Improvement Budget, the Village has budgeted approximately \$4.8M and has prioritized this project in 2025. The funding source opportunities that the Village may want to consider are described below.

### Potential Funding Sources

- A. Safe Drinking Water Loan Program (SDWLP)
- B. USDA Water & Wastewater Grant Program
- C. Community Development Block Grant (CDBG)
- D. State Trust Fund
- E. Focus on Energy
- G. Municipal Bonds (Revenue Bonds and General Obligation Bonds)

See the Potential Funding Sources Description below for details on each option.

## RECOMMENDATIONS

For this project, the Village should consider as its first option funding through the SDWLP. The water utility has financed projects through revenue bonds recently; as of the end of 2021, it had \$5.2 million in outstanding principal in revenue bonds. A loan through the SDWLP would offer significantly lower interest rates than revenue bonds. Using current market interest rates, R/M estimates that the Village would save over \$1 million over the life of the debt with a SDWLP loan instead of a revenue bond. The first step in the process would be to file an Intent to Apply (ITA) the year before the municipality would apply for a loan.

While the USDA Water & Wastewater Program also offers low interest rates, the Village is unlikely to qualify for a loan because its median income level is too high. The same applies for the CDBG program.

## Potential Funding Sources Summary

Funding Source	Application Deadline	Funding Level / Match Requirement
Safe Drinking Water Loan Program (SDWLP)	Annual / June 30	20- to 30-year term with rates ranging from 0% to 2.255%
USDA Water & Wastewater Grant Program	Applications accepted year-round	40-year term; based on useful life of the facilities financed.  Fixed interest rates based on the need for the project and the median household income in the area served.
Community Development Block Grant (CDBG)	Annual-Competitive process / May 12	TBD

State Trust Fund	At any time	2–10-year loans 4.50% / 11-20 year 4.75%
Focus on Energy	At any time	Pumps 50% bonus, up to \$2,000
Municipal Bonds	N/A	1-to-30-year loans / ranging from 1.38 to 3.20 % for AAA rating bonds

## POTENTIAL FUNDING SOURCES DESCRIPTION

Note that each program's titles contain an active, direct website link to the funder's detailed program, eligibility, and application information.

### [Safe Drinking Water Loan Program \(SDWLP\)](#)

The Wisconsin Department of Natural Resources provides subsidized interest rate loans and hardship grants through the SDWLP to any town, village, city, county utility district, or federally recognized Indigenous American nation or band to construct or modify municipal water systems. The program includes funding for publicly owned drinking water infrastructure projects that are needed to achieve or maintain compliance with federal and state regulations relating to water supply. Examples of projects funded with through the SDWLP include wellhouse rehabilitation, storage facilities, and watermain replacements. Deadline: Annually, June 30 / Max Funding: None Listed / Terms: 30 yr. max, current rates may be between 0 and 2.255 percent. Principal Forgiveness (PF) is provided by the federal government to assist the municipalities that would experience a significant hardship in raising the revenue necessary to finance the needed infrastructure. In addition, there is additional funding available over the next 5 years due to the Bipartisan Infrastructure Law (BIL) of approximately \$500 million. Deadline: Annually, June 30, if asking for PF. An Intent to Apply (ITA) is required to be filed the year before by October 31.

### [USDA Water & Wastewater Disposal Loan & Grant Program](#)

This program provides funding for clean and reliable drinking water systems, sanitary sewage disposal, sanitary solid waste disposal, and storm water drainage to households and businesses in eligible rural areas. Applicants are public bodies (city, township, county, or special district), Indigenous American nations, cooperatives, or other non-profit organizations. Applicants must be unable to borrow money elsewhere at reasonable rates and terms to make the project affordable. Service area must be under 10,000 in population. Deadline: Continuous / Max

Funding: Based on \$ available / Terms: Max. 40 yrs, interest rate based on the need for the project and the median household in the area served.

#### [Community Development Block Grant – Public Facilities \(CDBG Program\)](#)

Community Development Block Grants (CDBG) can be used to buy, construct, or fix public facilities such as water and sewer systems. Grants may fund activities that meet community development needs. Utilities have used these block grants to develop new water resources, improve treatment, and replace distribution system pipes. Importantly, a CDBG can also match Federal Emergency Management Agency (FEMA) grants. Communities must spend at least 70 percent of these funds for activities that benefit low to moderate income persons. A CDBG can be provided either directly to entitlement communities or to states that distribute to non-entitlement communities.

#### [State Trust Fund Loans](#)

The State Trust Fund Loan Program, helps cities, counties, and towns across Wisconsin to fund critical projects. The State Trust Fund Loan offers several types of loan options whereas the Municipal General Obligation (GO) Loan and the Municipal Utility Revenue Loan are the most relevant to this project. The GO Loan process is simple and no fees. Typically, GO loans fund construction, repair of municipal buildings and streets. The Utility Revenue Loans can fund needed utility infrastructure projects. The loans typically have a fixed interest that are competitive with the bond market and other financial institutions. Current interest rates for 2–10-year loans are 4.50 percent and for 11-20 year loans is 4.75 percent.

#### [Focus on Energy](#)

Focus on Energy (FOE) provides financial incentives for equipment upgrades that deliver measurable energy and financial savings for water and wastewater utilities. FOE may pay up to \$5,000 (up to 90% of an assessment cost) to evaluate capital projects and low cost/no cost savings opportunities in a utility system. If a utility elects to have a pump assessment and install variable speed drive on its pump system, it may be eligible to receive 50% bonus up to the \$2,000. This incentive, plus the bonus, may not exceed the cost of the equipment. The project assessment incentive would not be available for standard space heating or cooling applications.

#### [Municipal Revenue Bonds](#)

Municipal bonds are labeled as General Obligation (GO) Bonds and Revenue Bonds. Both revenue and GO bonds are sold by local governments to help fund public projects or municipal government operations. GO bonds are supported by the general revenue of the municipality, typically secured with a pledge to use the tax levy on tax-eligible properties within the municipality to repay the debt. Revenue bonds are backed by a specific revenue source, such as

income from utility user fees, and they are specific to projects, unlike GO bonds. Since revenue bonds are not secured by the full faith and credit of the municipality, they are viewed as higher risk and hence usually pay a higher interest rate.

## FUNDING SOURCES IN ORDER OF PRIORITY

<u>No.</u>	<u>Funding Source</u>	<u>Advantages</u>	<u>Disadvantages</u>
1	Safe Drinking Water Loan Program	<ul style="list-style-type: none"> <li>-Reduced interest loans</li> <li>-Principal Forgiveness</li> <li>-Fixed interest rate</li> <li>-Loans up to 30 years</li> <li>-Coordination of funds with other funding sources</li> </ul>	<ul style="list-style-type: none"> <li>-Adequate funding must be available</li> <li>-Application process can be time-consuming</li> </ul>
2	USDA Water and Wastewater Disposal Loan and Grant Program	<ul style="list-style-type: none"> <li>-Solely focused on rural America (population 10,000 or less)</li> <li>-Long-term loans over 40 years</li> <li>-Low-rate financing</li> <li>-Financially distressed communities may be eligible to receive grant assistance to help with application development costs and preliminary engineering reports</li> </ul>	<ul style="list-style-type: none"> <li>-Adequate funding must be available</li> <li>-Application process can be time-consuming</li> </ul>
3	Focus on Energy	<ul style="list-style-type: none"> <li>-Financial incentives for equipment upgrades that deliver measurable energy and</li> </ul>	<ul style="list-style-type: none"> <li>-Adequate funding must be available</li> </ul>

		financial savings to wastewater facilities	-Limitation on project qualifications with imposed caps
4	Community Development Block Grant – Public Facilities (CDBG Program)	<ul style="list-style-type: none"> <li>-Targets public and private investment to low- to moderate-income persons and neighborhoods</li> <li>-Creates community pride, diversity, and opportunity</li> <li>-Increases tax revenue that boosts local economy</li> </ul>	<ul style="list-style-type: none"> <li>-Application process is labor-intensive</li> <li>-Adequate funding must be available</li> <li>-Funding level is inadequate initially and erodes over time</li> <li>-Grant does not respond to an increased need</li> <li>-Limited to disadvantaged and/or low to moderate income communities</li> </ul>
5	State Trust Fund Loan (Municipal GO/Municipality Utility Revenue Loan)	<ul style="list-style-type: none"> <li>-Credit of municipality stands behind them</li> <li>-Relatively simple application</li> </ul>	<ul style="list-style-type: none"> <li>-May be subject to state and local income tax as well as federal alternative minimum tax</li> <li>-Limited funding available</li> </ul>
6	Municipal Bonds	<ul style="list-style-type: none"> <li>-Well established practice to issue and report</li> <li>-Assist municipalities in building infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>-Interest rates higher than other sources</li> <li>-Restrictive covenants</li> <li>-Municipalities have limits on how much</li> </ul>

			debt they can take on
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## Agenda Item Cover Report

<b>Date:</b> <b>11-29-22</b>	<b>Committee/Board:</b> <b>Finance</b>
<b>Submitted by:</b> <b>Wayne Castle</b>	<b>Department:</b> <b>Utilities- Wastewater</b>
<b>Date of Committee Action:</b> <b>12-7-22</b>	<b>Date of Village Board Action:</b> <b>12-21-22</b>

**Subject:**

Increase of sewer rates by 7%.

**Executive Summary:**

The Utilities department is requesting a rate increase of its sewer rates by 7%. This request is based on Trilogy Consulting's review of water and sewer rates in 2022. Trilogy will give a presentation on this matter.

**Fiscal Impact:**

A 7% sewer rate increase in sewer rates over 2021 rates.

**Executive Recommendation/Action:**

For the Committee of the Whole to recommend to the Village Board to approve rate increase.

**Attachments Included**

- Review of Water and Sewer Rates
- 2023 Sewer Rate Resolution



## REVIEW OF WATER AND SEWER RATES November 2022

### Summary

Trilogy Consulting worked with Village staff to review and update the financial projections for the Sewer and Water Utilities, including forecast water and sewer sales and other revenues, budgeted 2023 and projected future operation and maintenance expenses, debt service for existing debt, planned major and minor capital improvements, and recommended reserve levels.

Based on this review, the Water Utility is not currently eligible for an approval of a Simplified Rate Case (SRC) by the Wisconsin Public Service Commission (PSC) due to its relatively high operating income in 2021. It is recommended that the Utility check its eligibility again in May 2023, after the 2022 Annual Report has been filed with the PSC. The current SRC rate increase is 4.5 percent. If the Utility qualifies for this rate increase in May 2023, the rate increase would be in effect for roughly half of 2023, resulting in a 2.25 percent increase in revenues for the year, and another 2.25 percent increase in revenues in 2024. The Utility is eligible for up to nine additional simplified rate increases. Regular simplified rate increases will both delay and reduce the size of any future full rate increases.

For the sewer rates, we are recommending a 7.0% increase for 2023 and expect that additional 7.0% per year increases will be recommended to maintain utility reserves. In addition, as described below in more detail, future major capital improvements at the Wastewater Treatment Plant (WWTP) are expected to require a larger rate increase, currently estimated at 26%.

Currently, the average residential customer in the Village pays more than average for water service and less than the average for sewer service. The impact of the recommended rates is a total increase of \$7.66 per quarter or \$2.55 per month for the average residential customer.

	Average Annual Water Bill	Average Annual Sewer Bill	Total Annual Water & Sewer Bill
Mukwonago - Current Rates	\$502.26	\$437.92	\$940.18
Mukwonago - With 0% Increase for Water, 7% Increase for Sewer	\$502.26	\$468.57	\$970.83
Impact on Quarterly Bill	\$0.00	\$7.66	\$7.66
Impact on Monthly Cost	\$0.00	\$2.55	\$2.55

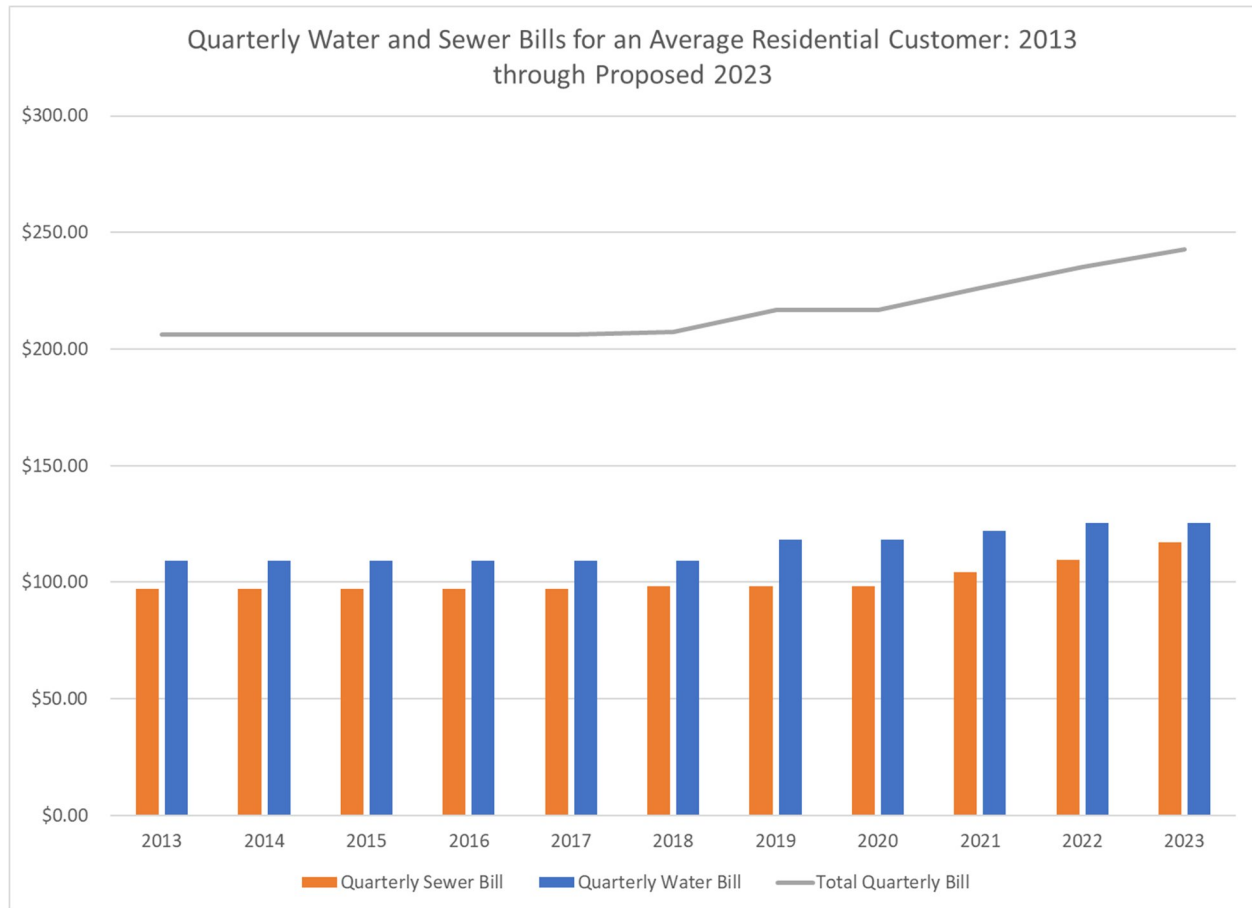
As shown in the community rate comparisons below, Mukwonago's average annual residential water bill is currently above average, its average annual sewer bill is lower than most area communities, and the combined water and sewer bill is below average. With the proposed sewer rate increase, the sewer bill would still be well below average, and the combined water and sewer bill would be slightly below average.

Community	Fixed Charge	Public Fire Protection Charge	Municipal PFP Charge per Customer per Year	Bills per Year	Volume Rate	Annual Usage	Units	Total Annual Water Bill
Elkhorn	\$10.00	\$13.60		12	\$7.30	6,150	ft <sup>3</sup>	\$732.13
Mukwonago (current/proposed)	\$33.95	\$34.69		4	\$4.95	46,000	gallons	\$502.26
Waukesha	\$11.00	\$8.28		12	\$3.93	46,000	gallons	\$412.14
East Troy	\$22.50	\$33.15		4	\$3.85	46,000	gallons	\$399.70
Palmyra	\$18.54		\$178.61	4	\$3.11	46,000	gallons	\$395.83
Burlington	\$28.80	\$28.50		4	\$2.55	6,150	ft <sup>3</sup>	\$386.02
Waterford	\$23.97	\$30.15		4	\$3.63	46,000	gallons	\$383.46
Dousman	\$24.00		\$155.34	4	\$2.75	46,000	gallons	\$377.84
Franklin	\$25.22	\$6.60		4	\$5.04	46,000	gallons	\$359.12
New Berlin	\$15.28		\$69.37	4	\$4.25	46,000	gallons	\$325.99
Whitewater	\$8.50	\$8.39		12	\$2.30	46,000	gallons	\$308.48
Muskego	\$27.82	\$9.39	\$102.20	4	\$3.59	46,000	gallons	\$251.04

Community	Fixed Charge	Bills per Year	Volume Rate	Annual Usage	Units	Total Annual Sewer Bill
East Troy	\$97.06	4	\$8.99	46,000	gallons	\$801.78
New Berlin	\$168.68	4	\$2.2588	46,000	gallons	\$778.62
Whitewater	\$12.75	12	\$11.99	46,000	gallons	\$704.54
Muskego	\$167.66	4	\$0.00		n/a	\$670.64
Waukesha	\$5.91	12	\$13.21	46,000	gallons	\$678.58
Waterford	\$79.96	4	\$7.47	46,000	gallons	\$663.46
Elkhorn	\$18.98	12	\$6.35	6,150	ccf	\$618.27
Palmyra	\$33.81	4	\$9.71	46,000	gallons	\$581.90
Mukwonago (proposed)	\$38.15	4	\$6.87	46,000	gallons	\$468.57
Franklin	\$68.38	4	\$3.90	46,000	gallons	\$452.92
Mukwonago (current)	\$35.65	4	\$6.42	46,000	gallons	\$437.92
Dousman	\$0.00	4	\$6.79	46,000	gallons	\$312.34
Burlington	\$28.84	4	\$3.10	6,150	ccf	\$306.00

Community	Annual Water Bill	Annual Sewer Bill	Total Annual Water & Sewer Bill
Elkhorn	\$732.13	\$618.27	\$1,350.40
East Troy	\$399.70	\$801.78	\$1,201.48
New Berlin	\$325.99	\$778.62	\$1,104.61
Waukesha	\$412.14	\$678.58	\$1,090.72
Waterford	\$383.46	\$663.46	\$1,046.92
Whitewater	\$308.48	\$704.54	\$1,013.02
Palmyra	\$395.83	\$581.90	\$977.73
Mukwonago (proposed)	\$502.26	\$468.57	\$970.83
Mukwonago (current)	\$502.26	\$437.92	\$940.18
Muskego	\$251.04	\$670.64	\$921.68
Franklin	\$359.12	\$452.92	\$812.04
Burlington	\$386.02	\$306.00	\$692.02
Dousman	\$377.84	\$312.34	\$690.18
Average of Other Communities			\$990.98

The following chart shows the quarterly water and sewer bills for the average residential customer since 2013. As shown, quarterly bills have been relatively flat during this time frame. Including the proposed 2023 increase, the average annual increase during this period will be 1.3% for water bills and 1.7% for sewer bills.



Since these recommendations are based on numerous assumptions about future conditions, the rates should be monitored on a regular basis and adjustments made as needed. A brief discussion of the financial status and projections for each utility is included below.

### Water Utility

The last full rate increase for the water utility took effect in 2019. The Utility obtained 3.0% simplified rate increases for 2021 and 2022. The Utility is not eligible for the current simplified rate increase of 4.5% due to higher operating income in 2021. The Utility may be eligible for a 4.5% rate increase in mid-year 2023 based on its 2022 operating income. It is recommended that the Utility check eligibility for a rate increase as soon as its 2022 Annual Report is filed with the PSC in spring 2023.

Not including impact fees, our informal recommended reserve policy for the Utility includes 3 month's operating expenses, an emergency capital reserve of \$500,000, and required bond and debt service reserves. Using these criteria, the Utility had the recommended \$1.25 million of reserves as of year-end 2021 and is projected to increase its reserves by about \$490,000 in 2022.

Major projects in the next 5 years that are expected to be debt financed include the Wells 3 and 4 HMO treatment at an estimated cost of \$4.75 million and elevated storage tank painting at an estimated cost of \$900,000. ARPA grant funds will cover \$848,000 of the treatment project, with the remaining \$3.9 being debt financed. Other routine capital projects such as vehicle replacement, meter replacement and SCADA improvements were assumed to be cash funded from current utility revenues. Beyond 5 years, these projections include the Hwy 83 watermain relay project in 2031 and a potential new water tower to serve development on the south side of the Village. It should be noted that there would likely be impact fee or TID funds available for at least a portion of the cost of a new water tower.

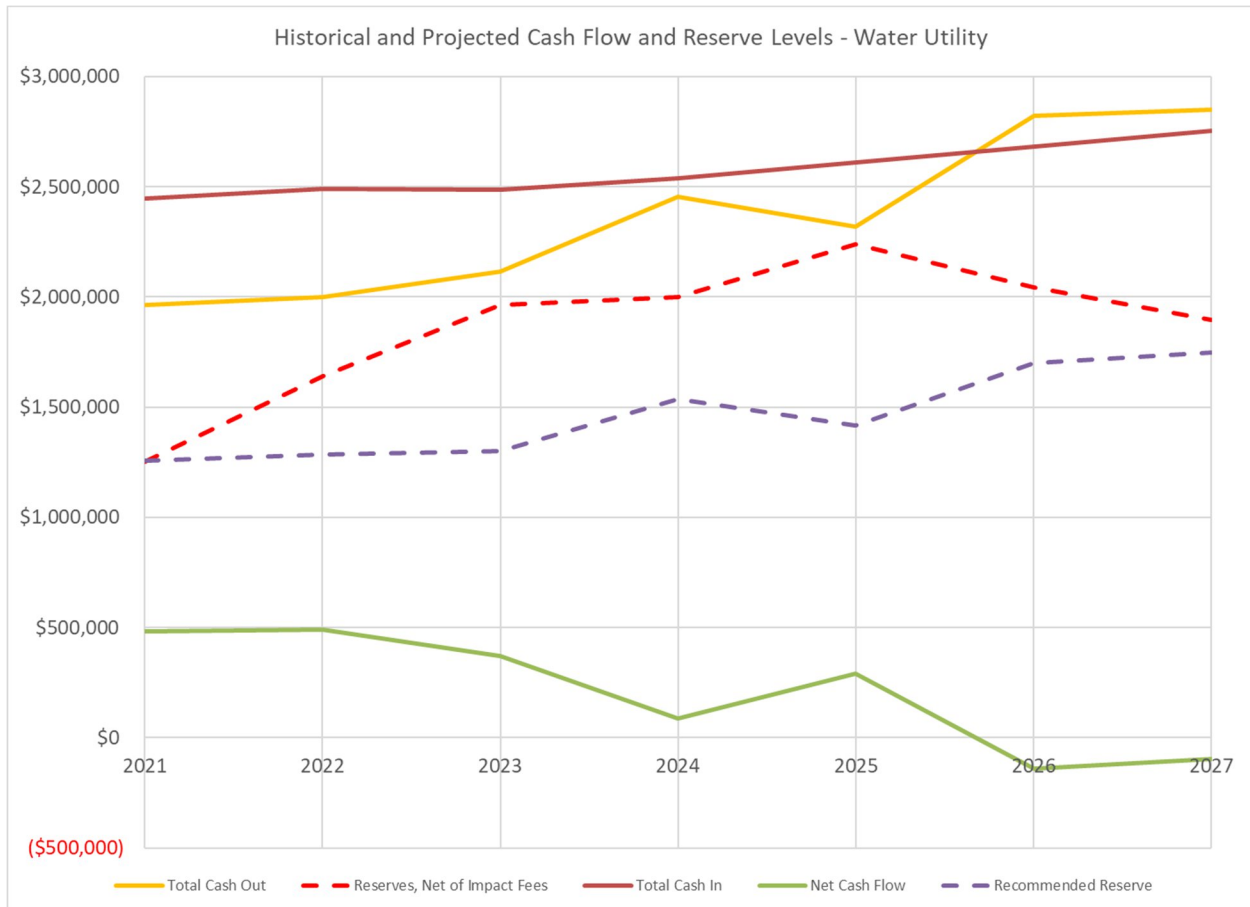
The following table shows, in round numbers, uses of Water Utility revenues for 2018-2022, the projected use of Utility revenues for 2023 and for the next five years. Future amounts include 4% per year inflation in O&M expenses, increased PILOT due to investment in the water system, and new debt service for major capital projects. These projections assume a 4.5% rate increase in mid-year 2023, and 3% per year increases in 2025-2027. It should be noted that these figures include not only user charge rates, but all utility revenues except impact fees.

	Total: 2018-2022	Annual Average	2023	Total: 2023-2027	Annual Average	Increase: 2018-22 v. 2023-27
Operation and Maintenance Expense <sup>(1)</sup>	\$4,765,000	\$953,000	\$1,042,000	\$5,721,000	\$1,144,200	20%
Taxes	\$2,078,000	\$415,600	\$459,000	\$2,643,000	\$528,600	27%
Debt Service	\$3,389,000	\$677,800	\$475,000	\$3,277,000	\$655,400	-3%
Cash Funded Capital	\$286,000	\$57,200	\$140,000	\$920,000	\$184,000	222%
Deposit to Reserves (Excl. Impact Fees)	\$1,569,000	\$313,800	\$272,000	\$3,000	\$600	-100%
<b>Total</b>	<b>\$12,087,000</b>	<b>\$2,417,400</b>	<b>\$2,388,000</b>	<b>\$12,564,000</b>	<b>\$2,512,800</b>	<b>4%</b>

(1) Excludes \$900,000 for water tower painting, as this project will be debt financed and debt service payments are included in the 5-year total of debt service.

The following chart shows the historical and projected cash flows and reserves for the Utility, assuming rate increases of 4.5% in mid-year 2023, and 3% percent per year increases in 2025-2027. As shown, the recommended rate increases are expected to allow the Utility to maintain prudent reserves and complete planned capital improvements without a full rate case.

Actual performance and future projections should be reviewed on an annual basis and adjusted as needed. For example, if the Utility does not qualify for a simplified rate increase in 2023, or if other factors are different than assumed, a full rate case may be needed to fund the water treatment improvements in 2025.





### Sewer Utility

The last substantial rate increase for the Sewer Utility took effect in 2013. The Utility increased rates by 3.0% for 2021 and by 5.0% for 2022.

Not including impact fees, our informal recommended reserve policy for the Utility includes 3 month's operating expenses, the DNR required equipment replacement fund, funds generated through connection fees, and required bond and debt service reserves. The Utility is projected to have more funds on hand than the recommended minimum at the end of 2022; however, \$400,000 of that amount is funds borrowed in 2021 for a portion of the Atkinson Lift Station improvements planned for 2023.

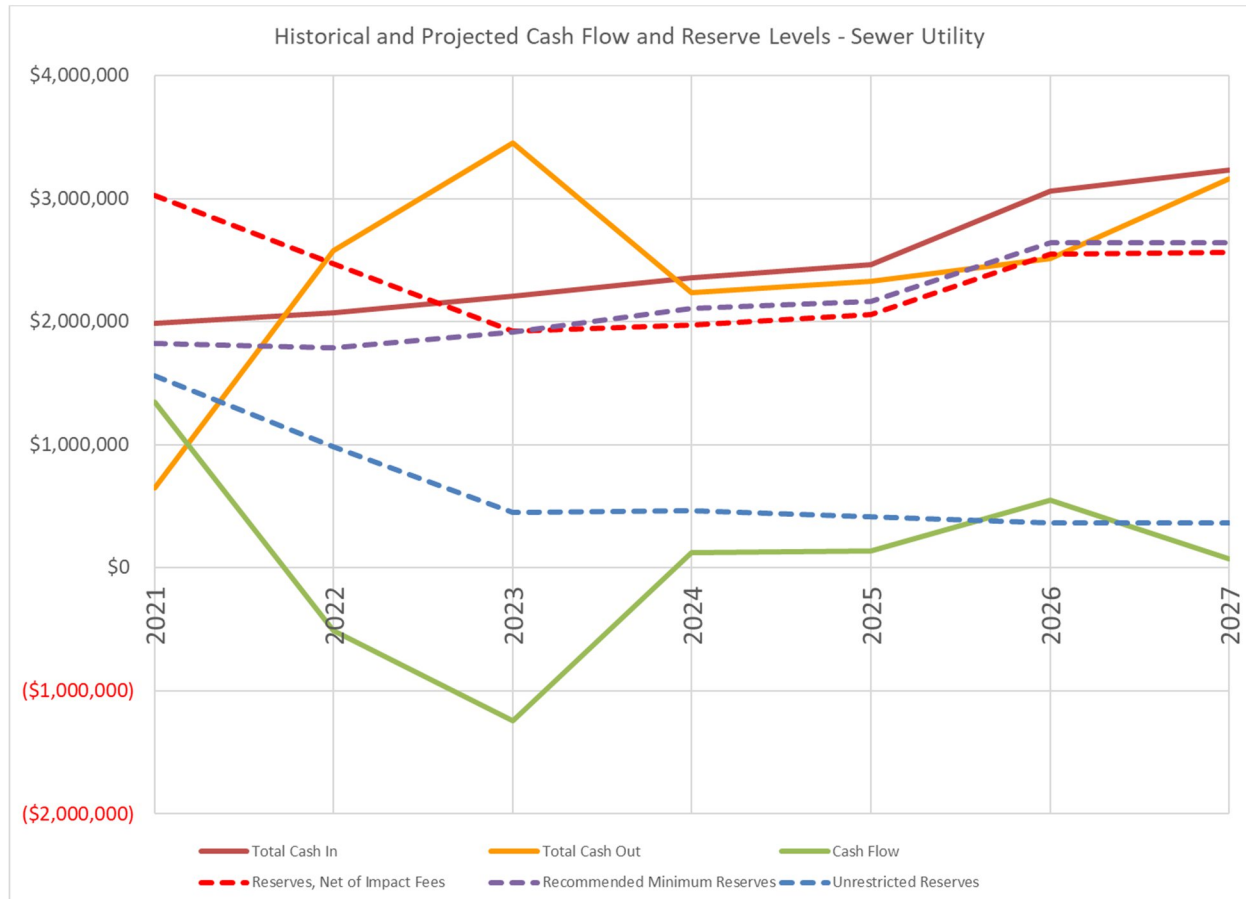
Ongoing Adaptive Management projects required by the DNR, estimated at \$200,000 per year, were assumed to be cash funded from current utility revenues. The Lake Area I&I project, dump truck and vactor truck replacement in 2025, and \$8.3 million for the upgrades to solids management at the WWTP in 2026 were assumed to be debt financed.

The following table shows, in round numbers, uses of Sewer Utility revenues for 2018-2022, the projected use of Utility revenues for 2023 and for the next five years. Future amounts include 4% per year inflation in O&M expenses and new debt service for major capital projects. These projections assume rate increases of 7% per year for 2023-2025, 26% in 2026, and 6% in 2027. It should be noted that these figures include not only user charge rates, but all utility revenues except impact fees.

As shown, over the next five years the Sewer Utility is expected to have somewhat higher O&M expenses, higher debt service, and less cash funded capital expenses as compared to the past 5 years. However, the biggest contributor to the need for rate increases is that the Utility will not have the ability to continue to draw down reserves as it has done in the past five years, and in fact will need to increase its reserves as it takes on additional debt to fund projects such as the solids management project.

	Total: 2018-2022	Annual Average	2023	Total: 2023-2027	Annual Average	Increase: 2018-22 v. 2023-27
Operation and Maintenance	\$5,383,172	\$1,076,634	\$1,259,749	\$6,823,207	\$1,364,641	27%
Debt Service	\$3,454,840	\$690,968	\$741,695	\$4,560,245	\$912,049	32%
Cash Funded Capital	\$3,253,313	\$650,663	\$300,000	\$1,150,000	\$230,000	-65%
Deposit to Reserves (excl. impact fees)	(\$2,037,870)	(\$407,574)	(\$149,936)	\$491,854	\$98,371	-124%
<b>Total</b>	<b>\$10,053,455</b>	<b>\$2,010,691</b>	<b>\$2,151,508</b>	<b>\$13,025,306</b>	<b>\$2,605,061</b>	<b>30%</b>

The following chart shows the historical and projected cash flows and reserves for the Utility, with the projected rate increases. As shown, the recommended rate increases will allow the Utility to maintain prudent reserves while completing planned capital improvements.





## Agenda Item Cover Report

<b>Date:</b> 11/29/2022	<b>Committee/Board:</b> Finance
<b>Submitted by:</b> Diana Doherty	<b>Department:</b> Finance
<b>Date of Committee Action:</b> 12/7/2022	<b>Date of Village Board Action:</b> 12/21/2022

**Subject:**

Deback Drive Project Change Order #7 for \$0.00

**Executive Summary:**

Musson Brothers has requested that the Village pay for Water infrastructure materials that have been purchased but not yet installed for the Deback Drive project which is currently on hold. The cost of these materials is \$228,772. This request does not change the overall cost of the project.

The reason for the Change Order is to recognize the payment for the materials at this time rather than at some point in the future when they are actually installed, which is typically when payment would be due. When the project is eventually completed (or if the materials are used in a different project), the cost paid now will be credited against the amount due at that time.

**Fiscal Impact:**

This request falls within the scope of the project so there is not an additional fiscal impact beyond what has already been budgeted.

**Executive Recommendation/Action:**

This does not require Board Action as it falls within the threshold established for the Village Administrator to approve. It is simply notification to the Board of what has transpired.

☒ **Attachments Included**

Date of Issuance: November 22, 2022

Effective Date:

November 22, 2022

Contract: DeBack Drive Infrastructure

Owner:

Village of Mukwonago

Contractor: Musson Bros., Inc.

Engineer:

Ruekert &amp; Mielke, Inc.

Address: 1522 Pearl Street  
Waukesha, WI 53186

Engineer's Project No.:

12-10096.300

Effective Date of Contract:

March 6, 2020

The Contract is modified as follows upon execution of this Change Order:

Description:

New Bid Item, Stockpiled Material – Water Main Infrastructure. Cost of \$228,772.00 is for the material to construct the water main infrastructure as a part of the DeBack Drive project. This cost is integrated into Bid Items #27 through #31 and #33 through #37 which will be credited once the water main infrastructure has been installed and will not be paid for in the final Contract amount.

Reason for Change Order:

Musson Bros., Inc. had purchased the necessary material to install the water main infrastructure at the time when construction of DeBack Drive Infrastructure project commenced in September 2021. Due to continued litigation with the Greenwald Family Limited Partnership, construction of the DeBack Drive Infrastructure project has halted. Musson Bros., Inc has requested to be paid for the material since it's a financial liability to their company.

Attachments:

Delivery Ticket from Core & Main dated December 7, 2021.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price	Original Contract Times:
\$ <u>2,836,068.65</u>	Substantial Completion: <u>October 2, 2020</u>
	Ready for Final Payment: <u>November 2, 2020</u>
Increase from previously approved Change Orders No. 1 to No. 4:	Increase from previously approved Change Orders:
\$ <u>840,062.95</u>	Substantial Completion: <u>700 days</u>
	Ready for Final Payment: <u>700 days</u>
Contract Price prior to this Change Order:	Contract Times prior to this Change Order:
\$ <u>3,676,131.60</u>	Substantial Completion: <u>September 2, 2022</u>
	Ready for Final Payment: <u>October 3, 2022</u>
Increase/Decrease of this Change Order:	Increase/Decrease of this Change Order:
\$ <u>0.00</u>	Substantial Completion: <u>N/A</u>
	Ready for Final Payment: <u>N/A</u>
Contract Price incorporating this Change Order:	Contract Times with all approved Change Orders:
\$ <u>3,676,131.60</u>	Substantial Completion: <u>September 2, 2022</u>
	Ready for Final Payment: <u>October 3, 2022</u>

RECOMMENDED:

Signature: 

Engineer (Authorized Signature)

Michael E. Michalski  
Ruekert & Mielke, Inc.Date: November 22, 2022

ACCEPTED:

Signature: 

Owner (Authorized Signature)

Village of Mukwonago

Date: 11/29/22

ACCEPTED:

Signature: 

Contractor (Authorized Signature)

Musson Bros., Inc.

Date: 11/22/22

00 63 63-1

11/22/22

Ruekert &amp; Mielke, Inc.

~12-10096 DeBack Drive Infrastructure &gt; Construction &gt; Changes &gt; Work Change Order &gt; 00 63 63 Change Order No.7~

# Accounts Payable Cover Sheet

<b>Report:</b>	<b>Period or corresponding report date</b>		
Village Accounts Payable	12/1/2022	\$	738,999.26
Library Accounts Payable	11/11/2022	\$	49,390.47
Charter Communications/Spectrum (ach withdrawal)	11/18/2022	\$	1,797.91
US Bank (ach withdrawal)	11/22/2022	\$	12,913.29
We Energies (ach withdrawal)	11/18/2022	\$	39,759.03
Check Disbursement - Court	11/15/2022	\$	5,257.60
Check Disbursement -Invoice Cloud	11/16/2022	\$	219.25
Check Disbursement - Bond Termination	11/9/2022	\$	3,713.16
Check Disbursement - Payroll Related	11/8/2022	\$	8,887.04
Check Disbursement - Payroll Related / Waukesha County	11/23/2022	\$	154,323.75
	<b>Total for Approval:</b>	<b>\$</b>	<b><u>1,015,260.76</u></b>

The preceding list of bills payable was approved for payment

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: AC SERVICE INC						
40328	VH BASEMENT FURNACE REPAIRS	100-5160-539500	321.70	321.70	DPW	12/08/2022
TOTAL VENDOR AC SERVICE INC				321.70		
VENDOR NAME: ADVANCED WILDLIFE AND PEST CONTROL						
112022	MUSEUM RODENT CONTROL	100-5512-582100	309.00	309.00	DPW	12/08/2022
TOTAL VENDOR ADVANCED WILDLIFE AND PEST CONTROL				309.00		
VENDOR NAME: ALSCO						
IMIL1858943	PD MAT CLEANING SERVICE	100-5211-539400	39.63	39.63	POLICE	12/08/2022
IMIL1861034	VILLAGE HALL WALKOFF MATS	100-5160-521900	80.91	80.91	DPW	12/08/2022
TOTAL VENDOR ALSCO				120.54		
VENDOR NAME: AM TOWING						
052730	ABANDONED VEHICLE TOW	100-5212-521900	175.00	175.00	POLICE	12/08/2022
W33018	3471 LADDER REPAIR	150-5222-539500	5,216.16	5,216.16	FIRE	12/08/2022
TOTAL VENDOR AM TOWING				5,391.16		
VENDOR NAME: AMAZON CAPITOL SERVICES						
1JTJXKVDYPGQ	ELECTION LABELS	100-5144-531100	24.59	24.59	CLERK	12/08/2022
TOTAL VENDOR AMAZON CAPITOL SERVICES				24.59		
VENDOR NAME: ASSOCIATED APPRAISAL CONSULTANT INC						
165647	DECEMBER 2022 ASSMT SVS	100-5153-521900	1,464.20	1,464.20	CLERK	12/08/2022
TOTAL VENDOR ASSOCIATED APPRAISAL CONSULTANT INC				1,464.20		
VENDOR NAME: AT & T MOBILITY						
287314801786111520	AT & T INVOICE	150-5221-522500	349.76	349.76	FIRE	12/08/2022
287291370101111520	PD AT&T CELL PHONES, HOTSPOTS AND CRADLE	100-5211-522500	714.75	714.75	POLICE	12/08/2022
TOTAL VENDOR AT & T MOBILITY				1,064.51		
VENDOR NAME: AURORA HEALTH CARE						
782762	NEW DISPATCH MEDICAL/DRUG SCREEN	100-5211-521900	96.00	96.00	POLICE	12/08/2022
TOTAL VENDOR AURORA HEALTH CARE				96.00		
VENDOR NAME: BAKER TILLY VIRCHOW KRAUSE						
BT2225828	2022 AUDIT- PROGRESS BILL 1	100-5151-521900	250.00	750.00	FINANCE	12/08/2022
		610-6920-692300	250.00			
		620-8400-852000	250.00			
TOTAL VENDOR BAKER TILLY VIRCHOW KRAUSE				750.00		
VENDOR NAME: BOUND TREE MEDICAL LLC						
84772177	EMS SUPPLIES	150-5231-531100	458.34	458.34	FIRE	12/08/2022
TOTAL VENDOR BOUND TREE MEDICAL LLC				458.34		
VENDOR NAME: BRIGHTSPEED						



12/01/2022 12:30 PM  
User: MROCKLEY  
DB: Mukwonago

PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO  
EXP CHECK RUN DATES 12/08/2022 - 12/08/2022  
UNJOURNALIZED OPEN  
BANK CODE: GEN - CHECK TYPE: PAPER CHECK

Page: 2/11

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: BRIGHTSPEED						
2022 NOVEMBER	PHONE SERVICE NOVEMBER 62022	100-5142-522500	76.98	557.20	ALLOCATE	12/08/2022
		100-5211-522500	53.79			
		100-5323-522500	106.84			
		440-5511-522500	186.66			
		610-6920-692100	33.52			
		620-8400-851000	99.41			
TOTAL VENDOR BRIGHTSPEED				557.20		
VENDOR NAME: BUCHHOLTZ HANNAH						
2022 CLOTHING	2022 CLOTHING ALLOWANCE - BUCHHOLTZ	150-5222-534600	50.00	50.00	FIRE	12/08/2022
TOTAL VENDOR BUCHHOLTZ HANNAH				50.00		
VENDOR NAME: C & M AUTO PARTS INC						
6079-359878	3462 OIL CHANGE	150-5222-539500	60.97	60.97	FIRE	12/08/2022
6079-359877	3462 BATTERY REPLACEMENT	150-5222-539500	320.48	320.48	FIRE	12/08/2022
6079-359934	2022 HORTON 3451 SUPPLIES	150-5231-531100	8.30	8.30	FIRE	12/08/2022
TOTAL VENDOR C & M AUTO PARTS INC				389.75		
VENDOR NAME: CATHY HUMCKE						
MFD 16160	EBIX PATIENT REFUND MFD 16160	150-0000-130450	94.05	94.05	FINANCE	12/08/2022
TOTAL VENDOR CATHY HUMCKE				94.05		
VENDOR NAME: CENTRAL OFFICE SYSTEMS						
78204270	COPIER INVOICE	150-5221-531100	92.00	92.00	FIRE	12/08/2022
78205055	DECEMBER LEASE PAYMENT 458	100-5142-531200	15.51	165.00	ALLOCATE	12/08/2022
		100-5300-539900	16.02			
		100-5120-531100	11.10			
		100-5141-531100	1.70			
		100-5145-531100	18.04			
		100-5241-531200	3.35			
		100-5632-531200	4.98			
		100-5211-521900	26.55			
		150-5221-531100	12.06			
		410-5363-531200	1.65			
		440-5511-531200	22.64			
		500-5344-531200	1.65			
		610-6902-690300	15.05			
		620-8300-840000	14.70			
TOTAL VENDOR CENTRAL OFFICE SYSTEMS				257.00		
VENDOR NAME: CINTAS						
4137181630	WATER/WWTF UNIFORM SERVICE	610-6920-693000	89.82	179.82	UTILITIES	12/08/2022
		620-8010-827000	90.00			
4137181271	STAFF UNIFORMS AND SHOP SUPPLIES	100-5323-531100	111.48	111.48	DPW	12/08/2022

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VENDOR NAME: CINTAS						
4138472142	WATER/WWTF UNIFORM SERVICE	610-6920-693000	98.00	195.82	UTILITIES	12/08/2022
		620-8010-827000	97.82			
4138472024	STAFF UNIFORMS AND SHOP SUPPLIES	100-5323-531100	111.48	111.48	DPW	12/08/2022
4137744740	WATER/WWTF UNIFORM SERVICE	610-6920-693000	90.00	179.82	UTILITIES	12/08/2022
		620-8010-827000	89.82			
4137744626	STAFF UNIFORMS AND SHOP SUPPLIES	100-5323-531100	111.48	111.48	DPW	12/08/2022
TOTAL VENDOR CINTAS				889.90		
VENDOR NAME: CITY OF WAUKESHA						
2222011	CWFD TECH RESCUE INVOICE	150-5221-521900	3,038.00	3,038.00	FIRE	12/08/2022
TOTAL VENDOR CITY OF WAUKESHA				3,038.00		
VENDOR NAME: CIVIC WEBWARE						
0328-05	ZONING HUB ANNUAL FEE	100-5632-521900	456.00	456.00	PLANNER	12/08/2022
TOTAL VENDOR CIVIC WEBWARE				456.00		
VENDOR NAME: CIVITEK CONSULTING						
61-18.01	GENERAL PLANNING SERVICES	100-5632-521900	3,449.60	3,449.60	FINANCE	12/08/2022
61-18.04	2022 507 MAIN SPAR	100-0000-211400	68.60	68.60	FINANCE	12/08/2022
61-18.03	2022 AM LEGION SPAR	100-0000-211400	68.60	68.60	FINANCE	12/08/2022
61-18.02	2022 LITWIN CSM	100-0000-211400	78.40	78.40	FINANCE	12/08/2022
61-18.06	2022 ZAJORK PDD REVIEW	100-0000-211400	39.20	39.20	FINANCE	12/08/2022
61-18.07	2022 WALMART SPAR	100-0000-211400	147.00	147.00	FINANCE	12/08/2022
61-18.08	2022 MASD PLAN REVIEWS	100-0000-211400	245.00	245.00	FINANCE	12/08/2022
61-18.09	2022 MUK BAPTIST CHURCH REVIEW	100-0000-211400	137.20	137.20	FINANCE	12/08/2022
61-18.05	2022 CHAPMAN FARMS (ADD. 1) REVIEW	100-0000-211425	39.20	39.20	FINANCE	12/08/2022
TOTAL VENDOR CIVITEK CONSULTING				4,272.80		
VENDOR NAME: COLUMBIA SOUTHERN UNIVERSITY						
323053110422	COLUMBIA SOUTHERN TUITION - KIRKPATRICK	100-5212-516300	760.00	760.00	POLICE	12/08/2022
TOTAL VENDOR COLUMBIA SOUTHERN UNIVERSITY				760.00		
VENDOR NAME: CONLEY MEDIA, LLC						
6362411122 FIRE	FD REFERENDUM POSTING	150-5221-521900	134.92	134.92	FIRE	12/08/2022
6362411122 CLERK	TYPE A SPRING 2023 NOTICE	100-5144-531200	33.48	33.48	CLERK	12/08/2022
TOTAL VENDOR CONLEY MEDIA, LLC				168.40		
VENDOR NAME: CRIVELLO CARLSON S.C.						
5331-180208	LEGAL SERVICES THRU 10-31-2022	100-5130-521900	2,740.00	3,500.00	FINANCE	12/08/2022
		250-5130-521900	440.00			
		100-5670-521900	320.00			
5331-180209	SPECTRUM LAWSUIT	100-5130-521900	200.00	200.00	FINANCE	12/08/2022
5331-180210	COMP PLAN AMENDMENT DISCUSSION	100-5130-521900	100.00	100.00	FINANCE	12/08/2022
TOTAL VENDOR CRIVELLO CARLSON S.C.				3,800.00		
VENDOR NAME: DE LAGE LANDEN FINANCIAL						

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VENDOR NAME: DE LAGE LANDEN FINANCIAL					
78055275	LEASE 11/15/2022 - 12/14/22 KONICA 450I	100-5142-531200 15.04	160.00	ALLOCATE	12/08/2022
		100-5300-539900 15.54			
		100-5120-531100 10.77			
		100-5141-531100 1.65			
		100-5145-531100 17.48			
		100-5241-531200 3.25			
		100-5632-531200 4.83			
		100-5211-521900 25.74			
		150-5221-531100 11.70			
		410-5363-531200 1.60			
		440-5511-531200 21.95			
		500-5344-531200 1.60			
		610-6902-690300 14.59			
		620-8300-840000 14.26			
78055275 - POLICE	PD COPIER LEASE	100-5211-521900 108.00	108.00	POLICE	12/08/2022
TOTAL VENDOR DE LAGE LANDEN FINANCIAL			268.00		
VENDOR NAME: DNR ACCOUNTS RECEIVABLE STATE OF WI					
370-0000027081	2022 DNR GRANT FORESTRY HOSE	150-5222-531100 228.52	228.52	FIRE	12/08/2022
TOTAL VENDOR DNR ACCOUNTS RECEIVABLE STATE OF WI			228.52		
VENDOR NAME: DYKSTRA DIANA					
SET-NOV MILEAGE		100-5142-533200 92.50	92.50	CLERK	12/08/2022
TOTAL VENDOR DYKSTRA DIANA			92.50		
VENDOR NAME: EBIX					
12113	EBIX INVOICE	150-5231-521900 3,579.42	3,579.42	FIRE	12/08/2022
TOTAL VENDOR EBIX			3,579.42		
VENDOR NAME: ELEMETCH INC					
16865	WWTF SEPTAGE RECIEVING METERING AND MONI 620-8400-852000	1,600.00	1,600.00	UTILITIES	12/08/2022
TOTAL VENDOR ELEMETCH INC			1,600.00		
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS					
2499648	EMS SUPPLIES	150-5231-531100 34.45	34.45	FIRE	12/08/2022
2501473	EMS SUPPLIES	150-5231-531100 183.99	183.99	FIRE	12/08/2022
2504254	EMS SUUPLIES	150-5231-531100 4.97	4.97	FIRE	12/08/2022
2504695	EMS SUPPLIES	150-5231-531100 13.00	13.00	FIRE	12/08/2022
2503111	EMS SUPPLIES	150-5231-531100 183.72	183.72	FIRE	12/08/2022
2505268	EMS SUPPLIES	150-5231-531100 5.38	5.38	FIRE	12/08/2022
2505445	EMS SUPPLIES	150-5231-531100 526.33	526.33	FIRE	12/08/2022
TOTAL VENDOR EMERGENCY MEDICAL PRODUCTS			951.84		
VENDOR NAME: ENVIRONMENTAL EXPRESS INC					
1000718843	WWTF LAB SUPPLIES BOD BOTTLES	620-8010-826000 1,686.22	1,686.22	UTILITIES	12/08/2022
TOTAL VENDOR ENVIRONMENTAL EXPRESS INC			1,686.22		
VENDOR NAME: FASTENAL COMPANY					
WIMUK95058	SAFETY HARNESS BOOT STRAPS	100-5611-531100 25.41	25.41	DPW	12/08/2022
WIMUK95118	WATER GARAGE DOOR OPENER BATTERIES	610-6920-693000 29.32	29.32	UTILITIES	12/08/2022

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VENDOR NAME: FASTENAL COMPANY						
TOTAL VENDOR FASTENAL COMPANY				54.73		
VENDOR NAME: FIRE-RESCUE SUPPLY						
9788	ANNUAL TNT HYDRAULIC TOOL MAINTENANCE	150-5222-539500	890.00	890.00	FIRE	12/08/2022
TOTAL VENDOR FIRE-RESCUE SUPPLY				890.00		
VENDOR NAME: FLEURYS BODY REPAIR INC						
18156	SQUAD BODY REPAIR	100-5212-539500	2,038.10	2,038.10	POLICE	12/08/2022
TOTAL VENDOR FLEURYS BODY REPAIR INC				2,038.10		
VENDOR NAME: GRAINGER						
9506980565	WWTF PALLET RACKING SHIMS	620-8010-827000	37.20	37.20	UTILITIES	12/08/2022
TOTAL VENDOR GRAINGER				37.20		
VENDOR NAME: HAHN ACE HARDWARE						
2022 NOV FIRE	ACE HARDWARE INVOICE	150-5222-531100	73.77	129.55	FIRE	12/08/2022
		150-5231-531100	55.78			
2022 NOV UTILITIES WATER/WWTF HMO PILOT, DOOR SEALS, JETT						
		610-6300-663200	8.99	253.38	UTILITIES	12/08/2022
		610-6450-665000	207.08			
		620-8010-834000	31.59			
		620-8030-831000	5.72			
2022 NOV POLICE REPAIR SUPPLIES						
2022 NOV POLICE	REPAIR SUPPLIES	100-5211-539500	7.19	7.19	POLICE	12/08/2022
2022 NOV LIBRARY	HARDWARE	440-5511-531100	1.25	1.25	LIBRARY	12/08/2022
2022 NOV DPW	VARIOUS SUPPLIES	100-5323-531100	30.58	210.55	DPW	12/08/2022
		100-5323-539500	35.98			
		100-5160-531100	26.98			
		100-5522-531100	98.13			
		100-5512-582100	18.88			
TOTAL VENDOR HAHN ACE HARDWARE				601.92		
VENDOR NAME: HAWKINS WATER TREATMENT						
6338608	WATER CHEMICALS FOR TREATMENT	610-6300-663100	1,246.67	1,246.67	UTILITIES	12/08/2022
6336418	WATER CHEMICALS FOR TREATMENT	610-6300-663100	50.00	50.00	UTILITIES	12/08/2022
TOTAL VENDOR HAWKINS WATER TREATMENT				1,296.67		
VENDOR NAME: HIPPENMEYER, REILLY, BLUM,						
53683	2022 GREENWALD / DEBACK LITIGATION	100-5130-521900	800.00	800.00	FINANCE	12/08/2022
53684	PROSECUTIONS	100-5130-521900	1,065.00	1,065.00	FINANCE	12/08/2022
TOTAL VENDOR HIPPENMEYER, REILLY, BLUM,				1,865.00		
VENDOR NAME: HOME DEPOT						
OCT 2022	PARK AND SHOP SUPPLIES	100-5521-531100	241.06	334.90	DPW	12/08/2022
		100-5323-531100	93.84			

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VENDOR NAME: HOME DEPOT						
	TOTAL VENDOR HOME DEPOT			334.90		
VENDOR NAME: HOOPSTER PERFORMANCE INC						
6105	2022 HORTON 3451 GRAPHICS	430-5700-571400	1,925.00	1,925.00	FIRE	12/08/2022
6106	2022 JOHN DEERE UTV GRAPHICS	430-5700-571300	1,865.00	1,865.00	FIRE	12/08/2022
	TOTAL VENDOR HOOPSTER PERFORMANCE INC			3,790.00		
VENDOR NAME: HORN OIL						
OCTOBER 2022	OCTOBER FUEL	100-5212-535100	3,501.02	10,204.26	ALLOCATE	12/08/2022
		100-5241-535100	164.57			
		100-5324-535100	1,804.15			
		150-5222-535100	1,104.06			
		150-5231-535100	1,601.17			
		610-6920-693300	584.74			
		620-8010-828000	1,418.47			
		100-5341-539500	26.08			
	TOTAL VENDOR HORN OIL			10,204.26		
VENDOR NAME: JAMES IMAGING SYSTEMS						
1251830	COPIER INVOICE	150-5221-531100	248.67	248.67	FIRE	12/08/2022
	TOTAL VENDOR JAMES IMAGING SYSTEMS			248.67		
VENDOR NAME: JEFFERSON FIRE & SAFETY						
IN146551	STIEN- BOOTS	150-5221-534600	335.00	335.00	FIRE	12/08/2022
	TOTAL VENDOR JEFFERSON FIRE & SAFETY			335.00		
VENDOR NAME: JOHNS DISPOSAL SVC. INC.						
989677	NOVEMBER GARBAGE, RECYCLING, YARD WASTE	410-5362-531000	25,688.19	49,882.12	DPW	12/08/2022
		410-5363-521900	3,181.20			
		410-5363-522000	19,166.73			
		100-5345-539000	1,846.00			
	TOTAL VENDOR JOHNS DISPOSAL SVC. INC.			49,882.12		
VENDOR NAME: JOHNSON CONTROLS SECURITY						
38091308	VH QUARTERLY SECURITY FEE	100-5160-521900	796.59	796.59	DPW	12/08/2022
	TOTAL VENDOR JOHNSON CONTROLS SECURITY			796.59		
VENDOR NAME: KAREN OLBINSKI						
111622	ELECTION FOOD 11-8-2022	100-5144-531100	50.52	50.52	CLERK	12/08/2022
	TOTAL VENDOR KAREN OLBINSKI			50.52		
VENDOR NAME: LIFE-ASSIST, INC.						
1226694	EMS SUPPLIES	150-5231-531100	52.50	52.50	FIRE	12/08/2022
1268301	EMS SUPPLIES	150-5231-531100	476.00	476.00	FIRE	12/08/2022
1268836	EMS SUPPLIES	150-5231-531100	36.75	36.75	FIRE	12/08/2022
	TOTAL VENDOR LIFE-ASSIST, INC.			565.25		

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VENDOR NAME: MACQUEEN EQUIPMENT						
P08294	PIERCE LION TOG REPAIR	150-5222-539500	45.35	45.35	FIRE	12/08/2022
P26652	STREET SWEEPER PARTS	100-5345-539500	86.08	86.08	DPW	12/08/2022
TOTAL VENDOR MACQUEEN EQUIPMENT				131.43		
VENDOR NAME: MESSAGEUS						
223040134	WATER PHONES	610-6920-692100	6.81	6.81	UTILITIES	12/08/2022
TOTAL VENDOR MESSAGEUS				6.81		
VENDOR NAME: MUKWONAGO DOOR LLC						
112122	PD GARAGE DOOR REPAIR	100-5211-539400	200.00	200.00	POLICE	12/08/2022
TOTAL VENDOR MUKWONAGO DOOR LLC				200.00		
VENDOR NAME: MUNICIPAL LAW & LITIGATION						
8570	GREENWALD LITIGATION	100-5130-521900	120.00	120.00	FINANCE	12/08/2022
TOTAL VENDOR MUNICIPAL LAW & LITIGATION				120.00		
VENDOR NAME: MUSSON BROTHERS						
12-10096.300	PMNT (INCL CO#7 PAYMENT OF WATER MATERIALS PUR	200-5700-576100	228,772.00	601,210.88	FINANCE	12/08/2022
		200-5700-576300	372,438.88			
TOTAL VENDOR MUSSON BROTHERS				601,210.88		
VENDOR NAME: NAPA AUTO PARTS - SP018						
179102	PATROL TRUCK HYDRAULIC HOSES AND FITTING	100-5324-539500	47.37	47.37	DPW	12/08/2022
178774	WWTF TOOLS	620-8010-827000	143.05	143.05	UTILITIES	12/08/2022
17888	3452 REPAIR LIGHT BULB	150-5231-539500	2.02	2.02	FIRE	12/08/2022
179408	WWTF JETTER REPAIR	620-8030-831000	48.12	48.12	UTILITIES	12/08/2022
TOTAL VENDOR NAPA AUTO PARTS - SP018				240.56		
VENDOR NAME: NEXTEL WIRELESS SOLUTIONS						
121	ANTENNA REPAIR - CAPTIAL RADIO PROJECT	430-5700-571100	1,067.98	1,067.98	POLICE	12/08/2022
TOTAL VENDOR NEXTEL WIRELESS SOLUTIONS				1,067.98		
VENDOR NAME: NORTH CENTRAL LABORATORIES						
478953	WWTF LAB SUPPLIES	620-8010-826000	310.15	310.15	UTILITIES	12/08/2022
TOTAL VENDOR NORTH CENTRAL LABORATORIES				310.15		
VENDOR NAME: NORTHERN LAKE SERVICE INC						
429755	WATER BAC T TESTING	610-6300-663200	122.00	122.00	UTILITIES	12/08/2022
395503	WATER BACT TESTING	610-6300-663200	145.00	145.00	UTILITIES	12/08/2022
428903	WWTF LAB TESTING	620-8010-826000	348.87	348.87	UTILITIES	12/08/2022
428952	WATER LAB TESTING	610-6300-663200	48.00	48.00	UTILITIES	12/08/2022
TOTAL VENDOR NORTHERN LAKE SERVICE INC				663.87		
VENDOR NAME: OFFICE PRO						



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VENDOR NAME: OFFICE PRO					
0470937-001	COPY PAPER	100-5241-531100 4.05	199.36	ALLOCATE	12/08/2022
		100-5142-531100 18.76			
		100-5145-531100 21.78			
		100-5141-531100 2.05			
		100-5632-531100 6.02			
		100-5323-531100 19.36			
		100-5120-531100 13.42			
		100-5211-531100 32.08			
		150-5221-531100 14.57			
		440-5511-531100 27.35			
		410-5363-531100 1.99			
		500-5344-531100 1.99			
		610-6920-692100 18.18			
		620-8300-840000 17.76			
TOTAL VENDOR OFFICE PRO			199.36		
VENDOR NAME: ORGANIZATION DEVELOPMENT					
13634	DISPATCHER AND RESERVE OFFICER PSYCHOLOG	100-5211-521900 700.00	1,100.00	POLICE	12/08/2022
		100-5212-521900 400.00			
TOTAL VENDOR ORGANIZATION DEVELOPMENT			1,100.00		
VENDOR NAME: PINKOWSKI, SHAUN					
2022 UNIFORM ALLOW	2022 UNIFORM ALLOWANCE - PINKOWSKI	100-5212-534600 156.39	156.39	POLICE	12/08/2022
TOTAL VENDOR PINKOWSKI, SHAUN			156.39		
VENDOR NAME: POMPS TIRE SERVICE, INC					
60290678	SQUAD TIRES	100-5212-539500 2,041.44	2,041.44	POLICE	12/08/2022
TOTAL VENDOR POMPS TIRE SERVICE, INC			2,041.44		
VENDOR NAME: PROHEALTH PHARMACY					
2022 SEPTEMBER	EMS SUPPLIES PHC MEDICATIONS	150-5231-531100 447.16	447.16	FIRE	12/08/2022
TOTAL VENDOR PROHEALTH PHARMACY			447.16		
VENDOR NAME: QUILL LLC					
29047913	OFFICE SUPPLIES	100-5212-531100 23.97	23.97	POLICE	12/08/2022
29015222	CLEANING SUPPLIES	100-5211-539400 65.98	65.98	POLICE	12/08/2022
TOTAL VENDOR QUILL LLC			89.95		
VENDOR NAME: SCHMIDT, MICHAEL					
REFUND112022	UB REFUND #5784 - 119 AMANDA CT	620-0000-142000 242.08	437.35	ALLOCATE	12/08/2022
		610-0000-142000 87.26			
		620-0000-142000 61.20			
		610-0000-142000 17.83			
		610-0000-142000 17.49			
		410-0000-142000 11.49			

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VENDOR NAME: SCHMIDT, MICHAEL						
	TOTAL VENDOR SCHMIDT, MICHAEL			437.35		
VENDOR NAME: SERWE IMPLEMENT MUNICIPAL SALES						
9621	JETTER TRUCK PARTS	100-5324-539500	446.09	446.09	DPW	12/08/2022
9640	JETTER SUCTION HOSE	100-5324-539500	963.35	963.35	DPW	12/08/2022
9670	JETTER PARTS	100-5324-539500	28.31	28.31	DPW	12/08/2022
	TOTAL VENDOR SERWE IMPLEMENT MUNICIPAL SALES			1,437.75		
VENDOR NAME: SHRED-IT USA						
8002809431	PD SHRED SERVICE	100-5211-521900	90.10	90.10	POLICE	12/08/2022
8002766841	2022 NOVEMBER VH SHREDDING SERVICES	100-5141-531100	91.99	183.98	ALLOCATE	12/08/2022
		100-5142-531100	46.00			
		100-5632-531100	45.99			
	TOTAL VENDOR SHRED-IT USA			274.08		
VENDOR NAME: STAR CRANE & HOIST SERVICE						
2268-W	WWTF ANNUAL CRANE INSPECTIONS	620-8030-531000	520.00	520.00	UTILITIES	12/08/2022
2271-W	WWTF LIFT STATION CRANE REPAIR	620-8020-832000	195.00	195.00	UTILITIES	12/08/2022
	TOTAL VENDOR STAR CRANE & HOIST SERVICE			715.00		
VENDOR NAME: SURA MATTHEW						
2022 MILEAGE	SURA HORTON AMBULANCE 2022 MILEAGE REIMB	150-5232-533500	165.00	165.00	FIRE	12/08/2022
	TOTAL VENDOR SURA MATTHEW			165.00		
VENDOR NAME: SURPLUS MANAGEMENT, INC.						
INV0002871	WATER HMO STUDY WELL 3 EQUIPMENT AND SET	610-6920-692300	5,550.00	5,550.00	UTILITIES	12/08/2022
	TOTAL VENDOR SURPLUS MANAGEMENT, INC.			5,550.00		
VENDOR NAME: ULINE						
156022341	EMS SUPPLIES	150-5231-531100	44.10	44.10	FIRE	12/08/2022
155856896	WWTF PALLET RACKING	620-8010-834000	1,278.95	1,278.95	UTILITIES	12/08/2022
156328922	WWTF PALLET RACKING	620-8010-834000	(847.21)	(847.21)	UTILITIES	12/08/2022
	TOTAL VENDOR ULINE			475.84		
VENDOR NAME: UNITED LIQUID WASTE RECYCLING INC						
38020	WWTF SLUDGE HAULING	620-8010-825500	11,687.00	11,687.00	UTILITIES	12/08/2022
	TOTAL VENDOR UNITED LIQUID WASTE RECYCLING INC			11,687.00		
VENDOR NAME: UNITED STATES ALLIANCE FIRE PROTECT						
1046-F093352	PD ANNUAL FIRE SUPPRESSION INSPECTION	100-5211-539400	310.00	310.00	POLICE	12/08/2022
	TOTAL VENDOR UNITED STATES ALLIANCE FIRE PROTECT			310.00		
VENDOR NAME: UNTI DAVID						
2022 CLOTHING	2022 CLOTHING ALLOWANCE - UNTI	150-5222-534600	47.25	47.25	FIRE	12/08/2022
	TOTAL VENDOR UNTI DAVID			47.25		
VENDOR NAME: USA BLUEBOOK						
168622	WWTF SUPPLIES	620-8010-827000	75.95	75.95	UTILITIES	12/08/2022

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PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO  
EXP CHECK RUN DATES 12/08/2022 - 12/08/2022  
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BANK CODE: GEN - CHECK TYPE: PAPER CHECK

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: USA BLUEBOOK						
175847	WATER LAB SUPPLIES AND LOCATES	610-6300-663100	185.00	370.48	UTILITIES	12/08/2022
		610-6920-693000	185.48			
TOTAL VENDOR USA BLUEBOOK				446.43		
VENDOR NAME: VERIZON WIRELESS						
9920479174	2022 NOVEMBER CELL BILL ACCT# 885503900-	100-5323-522500	21.66	265.79	ALLOCATE	12/08/2022
		610-6920-692100	122.06			
		620-8400-851000	122.07			
9920479173 OCTOBER-NOVEMBER 2022 PHONE BILL				1,053.16	ALLOCATE	12/08/2022
		100-5141-522500	58.87			
		100-5241-522500	103.32			
		100-5211-522500	14.64			
		100-5323-522500	473.61			
		610-6920-692100	177.69			
		620-8400-851000	177.69			
		100-5632-522500	47.34			
9919697751 VERIZON MODEM INVOICE				50.10	FIRE	12/08/2022
TOTAL VENDOR VERIZON WIRELESS				1,369.05		
VENDOR NAME: VILLAGE OF VERNON						
8342	SHARED EXPENSE FOR CENTERLINE STRIPPING	100-5348-531100	348.30	348.30	DPW	12/08/2022
TOTAL VENDOR VILLAGE OF VERNON				348.30		
VENDOR NAME: WALWORTH CTY CLERK						
111822	WALWORTH CO BALLOT PROGRAMING	100-5144-531200	129.56	129.56	CLERK	12/08/2022
TOTAL VENDOR WALWORTH CTY CLERK				129.56		
VENDOR NAME: WAUK CTY DISTRICT ATTORNEY						
111722	ERAD PROGRAM LICENSE RENEWAL	100-5213-521900	390.62	390.62	POLICE	12/08/2022
TOTAL VENDOR WAUK CTY DISTRICT ATTORNEY				390.62		
VENDOR NAME: WCTC						
S0788115	WCTC VEHICLE PURSUIT TRAINING - WILSON	100-5215-533500	18.85	18.85	POLICE	12/08/2022
TOTAL VENDOR WCTC				18.85		
VENDOR NAME: WILSON CHET						
2022 UNIFORM ALLOW	2022 UNIFORM ALLOWANCE - WILSON	100-5212-534600	185.68	185.68	POLICE	12/08/2022
TOTAL VENDOR WILSON CHET				185.68		
VENDOR NAME: ZEP SALES & SERVICE						
9007988936	ZEP SUPPLIES	150-5222-531100	108.48	216.95	FIRE	12/08/2022
		150-5231-531100	108.47			
TOTAL VENDOR ZEP SALES & SERVICE				216.95		

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT	POST DATE
<hr/>					
VENDOR NAME: ZORN COMPRESSOR & EQUIPMENT 385285-00	WWTF DIGESTER COMPRESSOR AIR DRYER SERVI 620-8010-833000	678.00	678.00	UTILITIES	12/08/2022
TOTAL VENDOR ZORN COMPRESSOR & EQUIPMENT			<hr/> 678.00		
GRAND TOTAL:			738,999.26		

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO  
CHECK NUMBER 35332 - 35352

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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 440 LIBRARY FUND								
11/11/2022	GEN	35332	236768	ABC TECHNOLOGIES GROUP INC	DONATED FUND EXPENDITURES	580600	5890	24,955.00
11/11/2022	GEN	35333	IMIL1854801	ALSCO	OUTSIDE SERVICES	531000	5511	72.62
11/11/2022	GEN	35334#	16Y6-FQ11-LLPG	AMAZON CAPITOL SERVICES	SUPPLIES	531100	5511	234.49
			1JQC-K9CM-Q1CL		PROGRAMMING	533100	5511	171.06
			1KVT-GCHX-H919		PROGRAMMING	533100	5511	453.22
			16Y6-FQ11-GVQG		PROGRAMMING	533100	5511	64.87
			19W4-6VR9-DHVG		PROGRAMMING	533100	5511	(7.01)
			1LLL-C33L-4LMQ		BOOKS	532800	5700	23.62
			17YY-FT43-FYQ7		BOOKS	532800	5700	376.75
			1LLL-C33L-4CQR		AV MATERIAL	532900	5700	732.94
			16Y6-FQ11-KJQJ		DONATED FUND EXPENDITURES	580600	5890	379.68
			CHECK GEN 35334 TOTAL FOR FUN					2,429.62
11/11/2022	GEN	35335	43861	AMERICA AQUARIA	OUTSIDE SERVICES	531000	5511	85.00
11/11/2022	GEN	35336	2036972806	BAKER & TAYLOR INC.	BOOKS	532800	5700	49.17
			2036984873		BOOKS	532800	5700	15.26
			2036984874		BOOKS	532800	5700	286.81
			2037070508		BOOKS	532800	5700	69.42
			2037070509		BOOKS	532800	5700	124.30
			2037090996		BOOKS	532800	5700	1,305.26
			2037090997		BOOKS	532800	5700	745.29
			2037104479		BOOKS	532800	5700	101.60
			2037104480		BOOKS	532800	5700	115.76
			2037120089		BOOKS	532800	5700	597.44
			2037118669		BOOKS	532800	5700	62.19
			2037118670		BOOKS	532800	5700	207.12
			2037126671		BOOKS	532800	5700	879.01
			CHECK GEN 35336 TOTAL FOR FUN					4,558.63
11/11/2022	GEN	35337	2000	BERNSTEIN & ASSOCIATES	DONATED FUND EXPENDITURES	580600	5890	4,350.00
11/11/2022	GEN	35338	I155053	BOBS GLASS SERVICE	REPAIRS & MAINTENANCE	539500	5511	998.00
11/11/2022	GEN	35339	B6500471	BRODART	BOOKS	532800	5700	98.55
			B6501179		BOOKS	532800	5700	77.95
			B6503590		BOOKS	532800	5700	103.36
			B6504943		BOOKS	532800	5700	129.06
			B6506017		BOOKS	532800	5700	32.4

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO  
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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 440 LIBRARY FUND								
			B6507184		BOOKS	532800	5700	166.03
			B6508060		BOOKS	532800	5700	98.03
			B6510795		BOOKS	532800	5700	336.59
			B6510850		BOOKS	532800	5700	311.99
			B6511519		BOOKS	532800	5700	91.02
			B6512848		BOOKS	532800	5700	175.97
			CHECK GEN 35339 TOTAL FOR FUN					1,621.02
11/11/2022	GEN	35340	79494992	CENGAGE LEARNING	BOOKS	532800	5700	59.98
			79504293		BOOKS	532800	5700	22.39
			9546678		BOOKS	532800	5700	30.39
			79576481		BOOKS	532800	5700	24.80
			79579591		BOOKS	532800	5700	30.39
			CHECK GEN 35340 TOTAL FOR FUN					167.95
11/11/2022	GEN	35341	1964451	CENTER POINT LARGE PRINT	BOOKS	532800	5700	28.67
11/11/2022	GEN	35342	OCTOBER	ERIC HUEMMER	MILEAGE	533200	5511	16.50
11/11/2022	GEN	35343	32706244	GREAT AMERICAN FINANCIAL SVCS	OUTSIDE SERVICES	531000	5511	353.14
11/11/2022	GEN	35344	11302022	HINZ TANYA	PROGRAMMING	533100	5511	60.00
11/11/2022	GEN	35345	930026079	ILLINGWORTH KILGUST	REPAIRS & MAINTENANCE	539500	5511	1,453.51
			930026461		REPAIRS & MAINTENANCE	539500	5511	1,758.00
			CHECK GEN 35345 TOTAL FOR FUN					3,211.51
11/11/2022	GEN	35346	37983388	JOHNSON CONTROLS SECURITY	CONTRACTUAL SERVICES	522000	5511	1,742.04
11/11/2022	GEN	35347	636	KLASSY KLEANERS	OUTSIDE SERVICES	531000	5511	1,080.00
11/11/2022	GEN	35348	2432	LIBRARY MARKET	DIGITAL MATERIALS	534000	5511	1,500.00
11/11/2022	GEN	35349	015472	MICHAEL FREDERICK	BOOKS	532800	5700	48.00
11/11/2022	GEN	35350#	502902586	MIDWEST TAPE	DIGITAL MATERIALS	534000	5511	535.48
			502894800		BOOKS	532800	5700	129.97
			502855086		AV MATERIAL	532900	5700	79.98
			CHECK GEN 35350 TOTAL FOR FUN					745.43
11/11/2022	GEN	35351	8106085132	SCHINDLER ELEVATOR CORP	CONTRACTUAL SERVICES	522000	5511	1,337.34
11/11/2022	GEN	35352	1	SPLASH 5 PUBLISHING, LLC	BOOKS	532800	5700	30.0

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO  
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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 440 LIBRARY FUND								
TOTAL - ALL FUNDS					Total for fund 440 LIBRARY FUND	49,390.47		
								49,390.47

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO  
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Banks: GEN

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
11/18/2022	GEN	555 (E)	CHARTER COMMUNICATIONS	OCTOBER - NOVEMBER 2022 MONTHLY BILL	100-5120-522500	37.73
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	100-5141-522500	15.96
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	100-5142-522500	144.03
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	100-5145-522900	70.40
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	100-5160-522500	29.48
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	100-5211-522500	459.67
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	100-5241-522500	41.00
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	100-5323-522500	74.00
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	100-5512-522500	177.96
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	150-5221-522500	368.55
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	410-5363-522500	4.57
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	440-5511-522500	294.55
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	500-5344-522500	2.29
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	610-6920-692100	38.86
		555 (E)		OCTOBER - NOVEMBER 2022 MONTHLY BILL	620-8400-851000	38.86
						<hr/> 1,797.91
TOTAL - ALL FUNDS				TOTAL OF 1 CHECKS		1,797.91

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INVOICE REGISTER REPORT FOR MUKWONAGO  
EXP CHECK RUN DATES 11/22/2022 - 11/22/2022  
JOURNALIZED PAID  
BANK CODE: GEN - CHECK TYPE: EFT  
CREDIT CARD TRANSACTIONS FOR BOARD  
SORTED BY CARDHOLDER

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
ARMOUR ABBY							
56460	DROPBOX*HDJ6YJFYK5VK	10/29/2022	11/22/2022	11.99	0.00	Paid	Y
	10/29/22-11/29/22	MROCKLEY					11/22/2022
	440-5890-580600	DONATED FUND EXPENDITURES		11.99			
ARMOUR ABBY							
56461	GRAND GENEVA RESORT & SP	11/04/2022	11/22/2022	277.78	0.00	Paid	Y
	CONFERENCE HOTEL/PD BY GRANT	MROCKLEY					11/22/2022
	440-5890-580600	DONATED FUND EXPENDITURES		277.78			
BITTNER RONALD							
56462	NATIONAL STORMWATER CENT	10/19/2022	11/22/2022	324.00	0.00	Paid	Y
	BITTNER STORMWATER INSPECTION	MROCKLEY					11/22/2022
	100-5660-535200	STORMWATER COMPLIANCE EXPENSE		298.00			
	500-5344-533500	Training & Travel		26.00			
BITTNER RONALD							
56463	HEIN WAUKESHA	10/25/2022	11/22/2022	130.07	0.00	Paid	Y
	VILLAGE HALL CONVERSION LED LIGHT	MROCKLEY					11/22/2022
	100-5160-582100	IMPROVEMENTS		130.07			
BITTNER RONALD							
56464	RHEEM SALES COMPANY	11/10/2022	11/22/2022	151.32	0.00	Paid	Y
	STATION #1 WATER HEATER PARTS	MROCKLEY					11/22/2022
	100-5220-539400	BLDG REPAIRS & MAINTENANCE		151.32			
BONK JASON							
56465	USPS PO 5657100149	11/02/2022	11/22/2022	4.80	0.00	Paid	Y
	WATER POSTAGE FOR WATER SAMPLES	MROCKLEY					11/22/2022
	610-6300-663200	OPERATION SUPPLY/EXP-TREATMENT		4.80			
BROWN DAVID							
56466	KWIK TRIP 28200002824	10/18/2022	11/22/2022	11.00	0.00	Paid	Y
	WWTF MOWER GAS	MROCKLEY					11/22/2022
	620-8010-827000	OPERATION SUPPLY/EXPENSE		11.00			
BROWN DAVID							
56467	MENARDS BURLINGTON WI	10/27/2022	11/22/2022	418.38	0.00	Paid	Y
	WATER SHELIVING UNITS	MROCKLEY					11/22/2022
	610-6452-665200	MAINTENANCE-SERVICES		418.38			

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INVOICE REGISTER REPORT FOR MUKWONAGO  
 EXP CHECK RUN DATES 11/22/2022 - 11/22/2022  
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 BANK CODE: GEN - CHECK TYPE: EFT  
 CREDIT CARD TRANSACTIONS FOR BOARD  
 SORTED BY CARDHOLDER

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
DEMOTTO CHRIS							
56468	AMZ*CUT-RATE BATTERI	10/20/2022	11/22/2022	594.00	0.00	Paid	Y
	RADIO CHARGERS - CAPTIAL RADIO	MROCKLEY					11/22/2022
	430-5700-571100	POLICE DEPT CAPITAL EQUIP		594.00			
DEMOTTO CHRIS							
56469	AMAZON.COM*H04FZ28Q0	10/28/2022	11/22/2022	279.98	0.00	Paid	Y
	BREAK ROOM TRASH AND RECYCLING CANS	MROCKLEY					11/22/2022
	100-5211-539400	BLDG REPAIRS & MAINTENANCE		279.98			
DEMOTTO CHRIS							
56470	AMZN MKTP US*H26F284A0	11/01/2022	11/22/2022	77.33	0.00	Paid	Y
	POWER STRIP - CAPITAL RADIO PROJECT	MROCKLEY					11/22/2022
	430-5700-571100	POLICE DEPT CAPITAL EQUIP		77.33			
DYKSTRA DIANA							
56471	TLF*RHODEES FLORAL AND GR	11/03/2022	11/22/2022	113.35	0.00	Paid	Y
	FLOWERS GOURDOUX	MROCKLEY					11/22/2022
	100-5142-539900	FLOWERS GOURDOUX		113.35			
DYKSTRA DIANA							
56472	DOLLAR GENERAL #10855	11/07/2022	11/22/2022	3.68	0.00	Paid	Y
	FLAGS FOR ELECTION	MROCKLEY					11/22/2022
	100-5144-531100	OPERATIONAL SUPPLIES		3.68			
DYKSTRA DIANA							
56473	EB 5TH ANNUAL WCMA WO	11/11/2022	11/22/2022	81.20	0.00	Paid	Y
	LEADERSHIP SEMINAR WCMA	MROCKLEY					11/22/2022
	100-5142-533500	LEADERSHIP SEMINAR WCMA		81.20			
DYKSTRA DIANA							
56474	VBS*VONAGE BUSINESS	11/12/2022	11/22/2022	983.18	0.00	Paid	Y
	NOVEMBER-DECEMBER 2022 MONTHLY PHONE	MROCKLEY					11/22/2022
	100-5141-522500	TELEPHONE		12.66			
	100-5142-522500	TELEPHONE		63.44			
	100-5145-522900	SOFTWARE SUPPORT/MAINTENANCE		50.65			
	100-5241-522500	TELEPHONE		25.33			
	100-5632-522500	TELEPHONE		12.66			
	100-5323-522500	TELEPHONE		25.45			
	100-5512-522500	TELEPHONE		12.67			
	100-5120-522500	TELEPHONE		12.66			

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INVOICE REGISTER REPORT FOR MUKWONAGO  
EXP CHECK RUN DATES 11/22/2022 - 11/22/2022  
JOURNALIZED PAID  
BANK CODE: GEN - CHECK TYPE: EFT  
CREDIT CARD TRANSACTIONS FOR BOARD  
SORTED BY CARDHOLDER

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
	100-5211-522500	TELEPHONE		235.03			
	150-5221-522500	TELEPHONE		230.55			
	440-5511-522500	TELEPHONE		248.82			
	610-6920-692100	OFFICE SUPPLIES & EXPENSES		26.63			
	620-8400-851000	OFFICE SUPPLIES & EXPENSES		26.63			
GOURDOUX LINDA							
56475	IIMC	10/19/2022	11/22/2022	50.00	0.00	Paid	Y
	CMC APPLICATION GOURDOUX	MROCKLEY					11/22/2022
	100-5142-533500	CMC APPLICATION GOURDOUX		50.00			
GOURDOUX LINDA							
56476	METRO MARKET #384	10/21/2022	11/22/2022	22.16	0.00	Paid	Y
	BEVERAGES FOR ACTIVE SHOOTER	MROCKLEY					11/22/2022
	100-5141-533500	BEVERAGES FOR ACTIVE SHOOTER TRAINING		22.16			
GOURDOUX LINDA							
56477	DOMINO'S 2096	10/21/2022	11/22/2022	52.46	0.00	Paid	Y
	ACTIVE SHOOT TRAINING LUNCH	MROCKLEY					11/22/2022
	100-5141-533500	ACTIVE SHOOTER TRAINING LUNCH		52.46			
GOURDOUX LINDA							
56478	DOMINO'S 2096	10/21/2022	11/22/2022	74.47	0.00	Paid	Y
	ACTIVE SHOOTER TRAINING LUNCH	MROCKLEY					11/22/2022
	100-5141-533500	ACTIVE SHOOTER TRAINING LUNCH		74.47			
GOURDOUX LINDA							
56479	METRO MARKET #384	11/07/2022	11/22/2022	26.13	0.00	Paid	Y
	ELECTION FOOD	MROCKLEY					11/22/2022
	100-5144-531100	ELECTION FOOD		26.13			
ISELY MARY JO							
56480	MOBILE BEACON	10/26/2022	11/22/2022	1,200.00	0.00	Paid	Y
	HOTSPOT RENEWAL	MROCKLEY					11/22/2022
	440-5511-533000	THINGERY COLLECTION		1,200.00			
ISELY MARY JO							
56481	AMAZON.COM*H09HK97L1 AMZN	10/31/2022	11/22/2022	19.96	0.00	Paid	Y
	DVD	MROCKLEY					11/22/2022
	440-5700-532900	AV MATERIAL		19.96			

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INVOICE REGISTER REPORT FOR MUKWONAGO  
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 JOURNALIZED PAID  
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 CREDIT CARD TRANSACTIONS FOR BOARD  
 SORTED BY CARDHOLDER

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
Purchase Card Vendor: 0002 US BANK							
ISELY MARY JO 56482	AMAZON.COM*H05HY1SU1 DVD 440-5700-532900	10/31/2022 MROCKLEY	11/22/2022	19.96	0.00	Paid	Y 11/22/2022
	AV MATERIAL			19.96			
ISELY MARY JO 56483	NETFLIX.COM 11/1/22-11/30/22 STREAMING SERVICE 440-5511-533000	11/01/2022 MROCKLEY	11/22/2022	19.99	0.00	Paid	Y 11/22/2022
	THINGERY COLLECTION			19.99			
KIM CATHRYN 56484	WM SUPERCENTER #1571 DIY PROGRAM SUPPLIES 440-5511-533100	10/19/2022 MROCKLEY	11/22/2022	170.40	0.00	Paid	Y 11/22/2022
	PROGRAMMING			170.40			
KIM CATHRYN 56485	US BANK RETURN DIY SUPPLIES 440-5511-533100	10/24/2022 MROCKLEY	11/22/2022	(29.57)	0.00	Paid	Y 11/22/2022
	PROGRAMMING			(29.57)			
KIM CATHRYN 56486	SQ *SCHUETT FARMS PROGRAM SUPPLIES 440-5511-531400	10/27/2022 MROCKLEY	11/22/2022	75.00	0.00	Paid	Y 11/22/2022
	META SPACE EQUIPMENT & FIXTURES			75.00			
KIM CATHRYN 56487	THE HOME DEPOT #4921 METASPACE FURNITURE/ GRANT 440-5890-580600	10/27/2022 MROCKLEY	11/22/2022	278.00	0.00	Paid	Y 11/22/2022
	DONATED FUND EXPENDITURES			278.00			
KIM CATHRYN 56488	HOMEDEPOT.COM METASPACE FURNITURE/ GRANT 440-5890-580600	10/28/2022 MROCKLEY	11/22/2022	867.00	0.00	Paid	Y 11/22/2022
	DONATED FUND EXPENDITURES			867.00			
KIM CATHRYN 56489	DBC*BLICK ART MATERIAL METASPACE SUPPLIES/ GRANT 440-5890-580600	10/29/2022 MROCKLEY	11/22/2022	741.64	0.00	Paid	Y 11/22/2022
	DONATED FUND EXPENDITURES			741.64			

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
KIM CATHRYN							
56490	THE HOME DEPOT 4921	10/29/2022	11/22/2022	385.90	0.00	Paid	Y
	METASPACE FURNITURE/ GRANT	MROCKLEY					11/22/2022
	440-5890-580600	DONATED FUND EXPENDITURES		385.90			
KIM CATHRYN							
56491	D J*WALL-ST-JOURNAL	11/06/2022	11/22/2022	164.97	0.00	Paid	Y
	3 MONTH SUBSCRIPTION	MROCKLEY					11/22/2022
	440-5511-532700	NEWSPAPERS		164.97			
KIM CATHRYN							
56492	EAST TROY ELECTRIC R	11/07/2022	11/22/2022	160.00	0.00	Paid	Y
	FAMILY +2 PASS/PD BY FRIENDS	MROCKLEY					11/22/2022
	440-5890-580600	DONATED FUND EXPENDITURES		160.00			
KIM CATHRYN							
56493	EAST TROY ELECTRIC R	11/07/2022	11/22/2022	160.00	0.00	Paid	Y
	FAMILY +2 PASS/ PD BY FRIENDS	MROCKLEY					11/22/2022
	440-5890-580600	DONATED FUND EXPENDITURES		160.00			
KIM CATHRYN							
56494	EAST TROY ELECTRIC R	11/07/2022	11/22/2022	120.00	0.00	Paid	Y
	FAMILY PASS/PD BY FRIENDS	MROCKLEY					11/22/2022
	440-5890-580600	DONATED FUND EXPENDITURES		120.00			
KIM CATHRYN							
56495	EAST TROY ELECTRIC R	11/07/2022	11/22/2022	120.00	0.00	Paid	Y
	FAMILY PASS/PD BY FRIENDS	MROCKLEY					11/22/2022
	440-5890-580600	DONATED FUND EXPENDITURES		120.00			
KIM CATHRYN							
56496	METRO MARKET #384	11/08/2022	11/22/2022	27.48	0.00	Paid	Y
	PROGRAM SUPPLIES	MROCKLEY					11/22/2022
	440-5511-533100	PROGRAMMING		27.48			
KIM CATHRYN							
56497	MAILCHIMP *MISC	11/08/2022	11/22/2022	69.99	0.00	Paid	Y
	NEWSLETTER	MROCKLEY					11/22/2022
	440-5511-534000	ELECTRONIC TOOLS & SERVICES		69.99			

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
KINDER MATTHEW							
56498	FERGUSON ENT #1020	10/17/2022	11/22/2022	52.06	0.00	Paid	Y
	WWTF EFF PUMP SAMPLE TAPS	MROCKLEY					11/22/2022
	620-8010-832000	MAINTENANCE-LIFT STATIONS/PUMP		52.06			
KREISER ROBERT							
56499	US BANK	11/07/2022	11/22/2022	(0.65)	0.00	Paid	Y
	ALPHACARD SALES TAX REFUND	MROCKLEY					11/22/2022
	100-5211-531100	OPERATIONAL SUPPLIES		(0.65)			
MILLER KENNETH							
56500	FLUORAMICSI	10/24/2022	11/22/2022	53.25	0.00	Paid	Y
	WATER CL2 PUMP WELL 3	MROCKLEY					11/22/2022
	610-6300-663200	OPERATION SUPPLY/EXP-TREATMENT		53.25			
MILLER KENNETH							
56501	KFC G135781	10/24/2022	11/22/2022	9.77	0.00	Paid	Y
	WATER TRAINING CLASS SUPPER	MROCKLEY					11/22/2022
	610-6920-693000	MISC GENERAL EXPENSES		9.77			
MILLER KENNETH							
56502	NAPA PARTS 0003525	10/24/2022	11/22/2022	37.57	0.00	Paid	Y
	WATER CAR REPAIR WIPER BLADES	MROCKLEY					11/22/2022
	610-6920-693300	TRANSPORTATION EXPENSES		37.57			
MILLER KENNETH							
56503	KWIK TRIP 29800002980	10/25/2022	11/22/2022	36.00	0.00	Paid	Y
	WATER TRAINING CLASS GAS	MROCKLEY					11/22/2022
	610-6920-693000	MISC GENERAL EXPENSES		36.00			
MILLER KENNETH							
56504	IHOP #3125	10/25/2022	11/22/2022	27.60	0.00	Paid	Y
	WATER TRAINIG SUPPER	MROCKLEY					11/22/2022
	610-6920-693000	MISC GENERAL EXPENSES		27.60			
MILLER KENNETH							
56505	ARBY'S 8463	10/26/2022	11/22/2022	12.75	0.00	Paid	Y
	WATER TRAINING LUNCH	MROCKLEY					11/22/2022
	610-6920-693000	MISC GENERAL EXPENSES		12.75			



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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
MILLER KENNETH							
56506	TRAVELODGE	10/26/2022	11/22/2022	288.12	0.00	Paid	Y
	WATER TRAINING HOTEL	MROCKLEY					11/22/2022
	610-6920-693000	MISC GENERAL EXPENSES		288.12			
MILLER KENNETH							
56507	THE HOME DEPOT #4921	10/31/2022	11/22/2022	42.40	0.00	Paid	Y
	WWTF GARAGE DOORS CAULK	MROCKLEY					11/22/2022
	620-8010-834000	MAINT-GENERAL PLANT/STRUCTURES		42.40			
MILLER KENNETH							
56508	US BANK	11/01/2022	11/22/2022	(33.92)	0.00	Paid	Y
	WWTF GARAGE DOOR CAULK CREDIT	MROCKLEY					11/22/2022
	620-8010-834000	MAINT-GENERAL PLANT/STRUCTURES		(33.92)			
MILLER KENNETH							
56509	THE HOME DEPOT #4921	11/01/2022	11/22/2022	42.40	0.00	Paid	Y
	WWTF GARAGE DOOR CAULK	MROCKLEY					11/22/2022
	620-8010-834000	MAINT-GENERAL PLANT/STRUCTURES		42.40			
PETERSON RANDY							
56510	STENGEL BROS	10/28/2022	11/22/2022	292.55	0.00	Paid	Y
	PATROL TRUCK AIR BAG	MROCKLEY					11/22/2022
	100-5324-539500	REPAIRS & MAINTENANCE		292.55			
PETERSON RANDY							
56511	VBELTS4LESS LLC	11/02/2022	11/22/2022	97.47	0.00	Paid	Y
	MOWER BELTS	MROCKLEY					11/22/2022
	100-5324-539500	REPAIRS & MAINTENANCE		97.47			
RUTENBECK TIM							
56512	METRO MARKET #384	11/07/2022	11/22/2022	55.74	0.00	Paid	Y
	WATER & SODA	MROCKLEY					11/22/2022
	100-5144-531100	WATER & SODA		55.74			
SCHNOOK FRED							
56513	KLINKE CLEANERS 20	10/19/2022	11/22/2022	19.31	0.00	Paid	Y
	ACCIDENTLY PAID WITH VILLAGE CREDIT	MROCKLEY					11/22/2022
	100-5141-539900	OTHER		19.31			

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
SMITH JAMES A							
56514	WAL-MART #1571	10/24/2022	11/22/2022	6.88	0.00	Paid	Y
	WWTF MISC SUPPLIES	MROCKLEY					11/22/2022
	620-8010-827000	OPERATION SUPPLY/EXPENSE		6.88			
SMITH JAMES A							
56515	WAL-MART #1571	10/31/2022	11/22/2022	12.30	0.00	Paid	Y
	WWTF MISC	MROCKLEY					11/22/2022
	620-8010-827000	OPERATION SUPPLY/EXPENSE		12.30			
SMITH JAMES A							
56516	US BANK	10/31/2022	11/22/2022	(21.84)	0.00	Paid	Y
	WWTF MISC	MROCKLEY					11/22/2022
	620-8010-827000	OPERATION SUPPLY/EXPENSE		(21.84)			
STIEN JEFFREY R							
56517	AMZN MKTP US*HT89587U1	10/17/2022	11/22/2022	16.00	0.00	Paid	Y
	EMS SUPPLIES	MROCKLEY					11/22/2022
	150-5231-531100	OPERATIONAL SUPPLIES		16.00			
STIEN JEFFREY R							
56518	WAL-MART #1571	10/21/2022	11/22/2022	0.25	0.00	Paid	Y
	STATION SUPPLIES	MROCKLEY					11/22/2022
	150-5221-531100	OPERATIONAL SUPPLIES		0.25			
STIEN JEFFREY R							
56519	SCUBA.COM	10/21/2022	11/22/2022	379.96	0.00	Paid	Y
	CUOMO SCUBA GEAR CLOTHING ALLOWANCE	MROCKLEY					11/22/2022
	150-5221-534600	CLOTHING ALLOWANCE		379.96			
STIEN JEFFREY R							
56520	AMZN MKTP US*H854Y0SY2	10/28/2022	11/22/2022	34.19	0.00	Paid	Y
	JOHN DEERE UTV WATER PUMP	MROCKLEY					11/22/2022
	430-5700-571300	FIRE DEPT CAPITAL EQUIP		34.19			
STIEN JEFFREY R							
56521	AMZN MKTP US*H28VX3KH0	11/06/2022	11/22/2022	19.95	0.00	Paid	Y
	EMS SUPPLIES	MROCKLEY					11/22/2022
	150-5231-531100	OPERATIONAL SUPPLIES		19.95			

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Purchase Card Vendor: 0002 US BANK

STREIT DANIEL							
56522	PSI SERVICES LLC	11/01/2022	11/22/2022	175.00	0.00	Paid	Y
	WILSON FAA LICENSE TEST	MROCKLEY					11/22/2022
	340-5890-580602	POLICE DONATED FUND EXPENDITURES		175.00			

STREIT DANIEL							
56523	5.11, INC.	11/03/2022	11/22/2022	121.80	0.00	Paid	Y
	UNIFORM ALLOWANCE - STREIT - TAX	MROCKLEY					11/22/2022
	100-5211-534600	CLOTHING ALLOWANCE		121.80			

SURA MATTHEW J							
56524	FERNO WASHINGTON INC	10/17/2022	11/22/2022	1,998.00	0.00	Paid	Y
	FERNO CABINET MOUNTS ACT102 ARPA	MROCKLEY					11/22/2022
	150-5700-580500	ACT 102 EXPENSES		1,998.00			

SURA MATTHEW J							
56525	ORGANIZE MY DRAWER	10/24/2022	11/22/2022	879.39	0.00	Paid	Y
	AMBULANCE DRAWER ORGANIZERS	MROCKLEY					11/22/2022
	150-5700-571400	AMBULANCE CAPITAL EQUIP		879.39			

SURA MATTHEW J							
56526	APPLE.COM/BILL	11/10/2022	11/22/2022	0.99	0.00	Paid	Y
	APPLE STORAGE	MROCKLEY					11/22/2022
	150-5231-531100	OPERATIONAL SUPPLIES		0.99			

Total Purchase Card Vendor: 0002 US BANK	12,913.29	0.00
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# of Invoices: 63	# Due: 0	Totals: 12,999.27	0.00
# of Credit Memos: 4	# Due: 0	Totals: (85.98)	0.00

Net of Invoices and Credit Memos:	12,913.29	0.00
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--- TOTALS BY GL DISTRIBUTION ---

100-5120-522500	TELEPHONE	12.66
100-5141-522500	TELEPHONE	12.66
100-5141-533500	TRAINING & TRAVEL	149.09
100-5141-539900	OTHER	19.31
100-5142-522500	TELEPHONE	63.44
100-5142-533500	TRAINING & TRAVEL	131.20

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
	100-5142-539900	OTHER		113.35			
	100-5144-531100	OPERATIONAL SUPPLIES		85.55			
	100-5145-522900	SOFTWARE SUPPORT/MAINTENANCE		50.65			
	100-5160-582100	IMPROVEMENTS		130.07			
	100-5211-522500	TELEPHONE		235.03			
	100-5211-531100	OPERATIONAL SUPPLIES		(0.65)			
	100-5211-534600	CLOTHING ALLOWANCE		121.80			
	100-5211-539400	BLDG REPAIRS & MAINTENANCE		279.98			
	100-5220-539400	BLDG REPAIRS & MAINTENANCE		151.32			
	100-5241-522500	TELEPHONE		25.33			
	100-5323-522500	TELEPHONE		25.45			
	100-5324-539500	REPAIRS & MAINTENANCE		390.02			
	100-5512-522500	TELEPHONE		12.67			
	100-5632-522500	TELEPHONE		12.66			
	100-5660-535200	STORMWATER COMPLIANCE EXPENSE		298.00			
	150-5221-522500	TELEPHONE		230.55			
	150-5221-531100	OPERATIONAL SUPPLIES		0.25			
	150-5221-534600	CLOTHING ALLOWANCE		379.96			
	150-5231-531100	OPERATIONAL SUPPLIES		36.94			
	150-5700-571400	AMBULANCE CAPITAL EQUIP		879.39			
	150-5700-580500	ACT 102 EXPENSES		1,998.00			
	340-5890-580602	POLICE DONATED FUND EXPENDITURES		175.00			
	430-5700-571100	POLICE DEPT CAPITAL EQUIP		671.33			
	430-5700-571300	FIRE DEPT CAPITAL EQUIP		34.19			
	440-5511-522500	TELEPHONE		248.82			
	440-5511-531400	META SPACE EQUIPMENT & FIXTURES		75.00			
	440-5511-532700	NEWSPAPERS		164.97			
	440-5511-533000	THINGERY COLLECTION		1,219.99			
	440-5511-533100	PROGRAMMING		168.31			
	440-5511-534000	ELECTRONIC TOOLS & SERVICES		69.99			
	440-5700-532900	AV MATERIAL		39.92			
	440-5890-580600	DONATED FUND EXPENDITURES		3,122.31			
	500-5344-533500	Training & Travel		26.00			
	610-6300-663200	OPERATION SUPPLY/EXP-TREATMENT		58.05			
	610-6452-665200	MAINTENANCE-SERVICES		418.38			
	610-6920-692100	OFFICE SUPPLIES & EXPENSES		26.63			
	610-6920-693000	MISC GENERAL EXPENSES		374.24			
	610-6920-693300	TRANSPORTATION EXPENSES		37.57			
	620-8010-827000	OPERATION SUPPLY/EXPENSE		8.34			
	620-8010-832000	MAINTENANCE-LIFT STATIONS/PUMP		52.06			

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
	620-8010-834000	MAINT-GENERAL PLANT/STRUCTURES		50.88			
	620-8400-851000	OFFICE SUPPLIES & EXPENSES		26.63			

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
--- TOTALS BY FUND ---							
	100 - GENERAL FUND			2,319.59	0.00		
	150 - FIRE/AMBULANCE FUND			3,525.09	0.00		
	340 - VILLAGE DESIGNATED FUND			175.00	0.00		
	430 - CAPITAL EQUIPMENT FUND			705.52	0.00		
	440 - LIBRARY FUND			5,109.31	0.00		
	500 - STORM WATER UTILITY			26.00	0.00		
	610 - WATER UTILITY FUND			914.87	0.00		
	620 - SEWER UTILITY FUND			137.91	0.00		
--- TOTALS BY DEPT/ACTIVITY ---							
	5120 - MUNICIPAL COURT			12.66	0.00		
	5141 - VILLAGE ADMINISTRATOR			181.06	0.00		
	5142 - CLERK-TREASURER			307.99	0.00		
	5144 - ELECTIONS			85.55	0.00		
	5145 - FINANCE DEPARTMENT			50.65	0.00		
	5160 - VILLAGE HALL			130.07	0.00		
	5211 - POLICE ADMINISTRATION			636.16	0.00		
	5220 - FIRE STATION (VILLAGE)			151.32	0.00		
	5221 - FIRE ADMINISTRATION			610.76	0.00		
	5231 - AMBULANCE			36.94	0.00		
	5241 - BUILDING INSPECTOR			25.33	0.00		
	5323 - GARAGE			25.45	0.00		
	5324 - MACHINERY & EQUIPMENT			390.02	0.00		
	5344 - STORM SEWER			26.00	0.00		
	5511 - LIBRARY SERVICES			1,947.08	0.00		
	5512 - MUSEUM			12.67	0.00		
	5632 - PLANNING DEPARTMENT			12.66	0.00		
	5660 - STORMWATER MASTER PLAN			298.00	0.00		
	5700 - CAPITAL OUTLAY EXPENDITURES			3,622.83	0.00		
	5890 - USE OF DESIGNATED FUNDS			3,297.31	0.00		
	6300 - WATER TREATMENT OPERATIONS			58.05	0.00		
	6452 - T&D-SERVICES MAINTENANCE			418.38	0.00		
	6920 - ADMINISTRATIVE & GENERAL EX			438.44	0.00		
	8010 - WWTP-TREATMENT/DISPOSAL/GP			111.28	0.00		
	8400 - ADMINISTRATIVE & GENERAL			26.63	0.00		
--- TOTALS BY PAYMENT CARD ACCOUNT ---							
	0707			3,310.81			
	1051			52.06			
	1086			55.74			

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Inv Ref#	Description	Entered By					Post Date
GL Distribution							
--- TOTALS BY PAYMENT CARD ACCOUNT ---							
	1275			429.38			
	2365			1,259.91			
	2544			1,181.41			
	3064			951.31			
	4175			(0.65)			
	5311			289.77			
	5538			296.80			
	5724			2,878.38			
	6347			225.22			
	6370			450.35			
	7403			(2.66)			
	8389			515.94			
	8764			4.80			
	8772			19.31			
	9625			390.02			
	9708			605.39			



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INVOICE REGISTER REPORT FOR MUKWONAGO  
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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
4342542534 56384	WE ENERGIES 0700126680-00001 Digester Gas 620-8010-821200	10/26/2022 MROCKLEY	11/15/2022	1,697.98 1,697.98	0.00	Paid	Y 11/15/2022
4342542534 56385	WE ENERGIES 0700126680-00002 Well #3 Elec 610-6200-662200	10/26/2022 MROCKLEY	11/15/2022	1,316.42 1,316.42	0.00	Paid	Y 11/15/2022
4342542534 56386	WE ENERGIES 0700126680-00003 Street Lights 100-5342-522200	10/26/2022 MROCKLEY	11/15/2022	3,783.20 3,783.20	0.00	Paid	Y 11/15/2022
4342542534 56387	WE ENERGIES 0700126680-00004 Greenwald 610-6200-662200	10/26/2022 MROCKLEY	11/15/2022	180.04 180.04	0.00	Paid	Y 11/15/2022
4342542534 56388	WE ENERGIES 0700126680-00005 Booster Station 610-6200-662200	10/26/2022 MROCKLEY	11/15/2022	465.15 465.15	0.00	Paid	Y 11/15/2022
4342542534 56389	WE ENERGIES 0700126680-00007 1240 N. Rochester 620-8020-821000	10/26/2022 MROCKLEY	11/15/2022	99.46 99.46	0.00	Paid	Y 11/15/2022
4342542534 56390	WE ENERGIES 0700126680-00008 Police Garage 100-5211-522200	10/26/2022 MROCKLEY	11/15/2022	36.90 36.90	0.00	Paid	Y 11/15/2022
4342542534 56391	WE ENERGIES 0700126680-00009 Fld Prk Baseball 100-5521-522200	10/26/2022 MROCKLEY	11/15/2022	22.04 22.04	0.00	Paid	Y 11/15/2022
4342542534 56392	WE ENERGIES 0700126680-00010 Fox River View 620-8020-821000	10/26/2022 MROCKLEY	11/15/2022	141.21 141.21	0.00	Paid	Y 11/15/2022

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INVOICE REGISTER REPORT FOR MUKWONAGO  
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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
4342542534 56393	WE ENERGIES 0700126680-000011 DPW Elec 100-5323-522200	10/26/2022 MROCKLEY 0700126680-000011 DPW Elec	11/15/2022	328.23  328.23	0.00	Paid	Y 11/15/2022
4342542534 56394	WE ENERGIES 0700126680-000012 Fire 150-5221-522200	10/26/2022 MROCKLEY 0700126680-000012 Fire	11/15/2022	1,223.01  1,223.01	0.00	Paid	Y 11/15/2022
4342542534 56395	WE ENERGIES 0700126680-000013 police-CTH E N of 100-5211-522200	10/26/2022 MROCKLEY 0700126680-000013 police-CTH E N of Sugd	11/15/2022	18.86  18.86	0.00	Paid	Y 11/15/2022
4342542534 56396	WE ENERGIES 0700126680-000014 Hall 100-5160-522200	10/26/2022 MROCKLEY 0700126680-000014 Hall	11/15/2022	647.85  647.85	0.00	Paid	Y 11/15/2022
4342542534 56397	WE ENERGIES 0700126680-000014 Hall Gas 100-5160-522400	10/26/2022 MROCKLEY 0700126680-000014 Hall Gas	11/15/2022	116.54  116.54	0.00	Paid	Y 11/15/2022
4342542534 56398	WE ENERGIES 0700126680-000016 Miniwauken Park 100-5521-522200	10/26/2022 MROCKLEY 0700126680-000016 Miniwauken Park	11/15/2022	32.71  32.71	0.00	Paid	Y 11/15/2022
4342542534 56399	WE ENERGIES 0700126680-000017 Holz Elec 620-8010-821100	10/26/2022 MROCKLEY 0700126680-000017 Holz Elec	11/15/2022	8,845.49  8,845.49	0.00	Paid	Y 11/15/2022
4342542534 56400	WE ENERGIES 0700126680-000018 Parks 100-5521-522200	10/26/2022 MROCKLEY 0700126680-000018 Parks	11/15/2022	31.42  31.42	0.00	Paid	Y 11/15/2022
4342542534 56401	WE ENERGIES 0700126680-000019 Atkinson Pump 620-8020-821000	10/26/2022 MROCKLEY 0700126680-000019 Atkinson Pump	11/15/2022	417.95  417.95	0.00	Paid	Y 11/15/2022

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
4342542534 56402	WE ENERGIES 0700126680-000020 Well #6 610-6200-662200	10/26/2022 MROCKLEY	11/15/2022	348.85	0.00	Paid	Y 11/15/2022
	0700126680-000020 Well #6			348.85			
4342542534 56403	WE ENERGIES 0700126680-000021 DPW Gas 100-5323-522400	10/26/2022 MROCKLEY	11/15/2022	43.86	0.00	Paid	Y 11/15/2022
	0700126680-000021 DPW Gas			43.86			
4342542534 56404	WE ENERGIES 0700126680-000022 Concession 100-5521-522200	10/26/2022 MROCKLEY	11/15/2022	295.16	0.00	Paid	Y 11/15/2022
	0700126680-000022 Concession Building			295.16			
4342542534 56405	WE ENERGIES 0700126680-000023 Well #3 Gas 610-6200-662200	10/26/2022 MROCKLEY	11/15/2022	9.90	0.00	Paid	Y 11/15/2022
	0700126680-000023 Well #3 Gas			9.90			
4342542534 56406	WE ENERGIES 0700126680-000024 Parks-200 S 100-5342-522200	10/26/2022 MROCKLEY	11/15/2022	24.05	0.00	Paid	Y 11/15/2022
	0700126680-000024 Parks-200 S Rochester			24.05			
4342542534 56407	WE ENERGIES 0700126680-000027 Police 100-5211-522200	10/26/2022 MROCKLEY	11/15/2022	1,120.30	0.00	Paid	Y 11/15/2022
	0700126680-000027 Police			1,120.30			
4342542534 56408	WE ENERGIES 0700126680-000028 Miniwaukan 100-5521-522200	10/26/2022 MROCKLEY	11/15/2022	17.12	0.00	Paid	Y 11/15/2022
	0700126680-000028 Miniwaukan Pavilion			17.12			
4342542534 56409	WE ENERGIES 0700126680-000029 F. Park Sump Pump 100-5521-522200	10/26/2022 MROCKLEY	11/15/2022	21.31	0.00	Paid	Y 11/15/2022
	0700126680-000029 F. Park Sump Pump			21.31			
4342542534 56410	WE ENERGIES 0700126680-000031 Holz Gas 620-8010-821200	10/26/2022 MROCKLEY	11/15/2022	78.04	0.00	Paid	Y 11/15/2022
	0700126680-000031 Holz Gas			78.04			

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
4342542534 56411	WE ENERGIES 0700126680-000032 Well #4 Elec 610-6200-662200	10/26/2022 MROCKLEY 0700126680-000032 Well #4 Elec	11/15/2022	1,469.45  1,469.45	0.00	Paid	Y 11/15/2022
4342542534 56412	WE ENERGIES 0700126680-000033 Parks 100-5521-522200	10/26/2022 MROCKLEY 0700126680-000033 Parks	11/15/2022	73.16  73.16	0.00	Paid	Y 11/15/2022
4342542534 56413	WE ENERGIES 0700126680-000034 Street Lights 100-5342-522200	10/26/2022 MROCKLEY 0700126680-000034 Street Lights	11/15/2022	63.35  63.35	0.00	Paid	Y 11/15/2022
4342542534 56414	WE ENERGIES 0700126680-000036 Flashers 100-5211-522200	10/26/2022 MROCKLEY 0700126680-000036 Flashers	11/15/2022	10.90  10.90	0.00	Paid	Y 11/15/2022
4342542534 56415	WE ENERGIES 0700126680-000037 Well #4 Gas 610-6200-662200	10/26/2022 MROCKLEY 0700126680-000037 Well #4 Gas	11/15/2022	17.80  17.80	0.00	Paid	Y 11/15/2022
4342542534 56416	WE ENERGIES 0700126680-000038 Museum 100-5512-522200	10/26/2022 MROCKLEY 0700126680-000038 Museum	11/15/2022	138.98  138.98	0.00	Paid	Y 11/15/2022
4342542534 56417	WE ENERGIES 0700126680-000039 Well #5 610-6200-662200	10/26/2022 MROCKLEY 0700126680-000039 Well #5	11/15/2022	1,598.03  1,598.03	0.00	Paid	Y 11/15/2022
4342542534 56418	WE ENERGIES 0700126680-00043 Outdoor Stage 100-5521-522200	10/26/2022 MROCKLEY 0700126680-00043 Outdoor Stage	11/15/2022	20.01  20.01	0.00	Paid	Y 11/15/2022
4342542534 56419	WE ENERGIES 0709449777-00001 Library Gas 440-5511-522400	10/26/2022 MROCKLEY 0709449777-00001 Library Gas	11/15/2022	786.77  786.77	0.00	Paid	Y 11/15/2022

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
4342542534 56420	WE ENERGIES 0709449777-00002 Library Elec 440-5511-522200	10/26/2022 MROCKLEY	11/15/2022	2,562.45 2,562.45	0.00	Paid	Y 11/15/2022
4342542534 56421	WE ENERGIES 0712697628-00001 Tower Radio Bldg 100-5211-522200	10/26/2022 MROCKLEY	11/15/2022	22.46 22.46	0.00	Paid	Y 11/15/2022
4342542534 56422	WE ENERGIES 0712697628-00002 Mukw Dam 100-5254-522200	10/26/2022 MROCKLEY	11/15/2022	23.19 23.19	0.00	Paid	Y 11/15/2022
4342542534 56423	WE ENERGIES 0712697628-00003 PD Tower meter 100-5211-522200	10/26/2022 MROCKLEY	11/15/2022	44.85 44.85	0.00	Paid	Y 11/15/2022
4342542534 56424	WE ENERGIES 0712697628-00004 1224 Riverton 620-8020-821000	10/26/2022 MROCKLEY	11/15/2022	83.81 83.81	0.00	Paid	Y 11/15/2022
4342542534 56425	WE ENERGIES 0712697628-00006 Well #7 610-6200-662200	10/26/2022 MROCKLEY	11/15/2022	1,263.76 1,263.76	0.00	Paid	Y 11/15/2022
4342542534 56426	WE ENERGIES 0712697628-00007 School Crossing 100-5342-522200	10/26/2022 MROCKLEY	11/15/2022	16.25 16.25	0.00	Paid	Y 11/15/2022
4341646277 56427	WE ENERGIES 0700126680-00015 STREET LIGHTS 100-5342-522200	10/26/2022 MROCKLEY	11/15/2022	9,999.94 9,999.94	0.00	Paid	Y 11/15/2022
4331168248 56428	WE ENERGIES 0700126680-00006 Field Park 100-5521-522200	10/26/2022 MROCKLEY	11/15/2022	60.81 60.81	0.00	Paid	Y 11/15/2022

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INVOICE REGISTER REPORT FOR MUKWONAGO  
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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
4331168248							
56429	WE ENERGIES	10/26/2022	11/15/2022	33.18	0.00	Paid	Y
	0700126680-000025 Tower	MROCKLEY					11/15/2022
	610-6200-662200	0700126680-000025 Tower		33.18			
4331168248							
56430	WE ENERGIES	10/26/2022	11/15/2022	106.83	0.00	Paid	Y
	0700126680-00030 Andrews Street	MROCKLEY					11/15/2022
	100-5521-522200	0700126680-00030 Andrews Street		106.83			
# of Invoices:	47	# Due:	0	Totals:	39,759.03	0.00	
# of Credit Memos:	0	# Due:	0	Totals:	0.00	0.00	
Net of Invoices and Credit Memos:				39,759.03	0.00		

--- TOTALS BY GL DISTRIBUTION ---

100-5160-522200	ELECTRIC	647.85
100-5160-522400	GAS	116.54
100-5211-522200	ELECTRIC	1,254.27
100-5254-522200	ELECTRIC	23.19
100-5323-522200	ELECTRIC	328.23
100-5323-522400	GAS	43.86
100-5342-522200	ELECTRIC	13,886.79
100-5512-522200	ELECTRIC	138.98
100-5521-522200	ELECTRIC	680.57
150-5221-522200	ELECTRIC	1,223.01
440-5511-522200	ELECTRIC	2,562.45
440-5511-522400	GAS	786.77
610-6200-662200	FUEL OR POWER PURCHASED	6,702.58
620-8010-821100	WWTP ELECTRIC POWER	8,845.49
620-8010-821200	NAT GAS/ADMIN BLDG/HEAT EXCH	1,776.02
620-8020-821000	PUMPING POWER & FUEL	742.43

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
GL Distribution							
--- TOTALS BY FUND ---							
	100 - GENERAL FUND			17,120.28	0.00		
	150 - FIRE/AMBULANCE FUND			1,223.01	0.00		
	440 - LIBRARY FUND			3,349.22	0.00		
	610 - WATER UTILITY FUND			6,702.58	0.00		
	620 - SEWER UTILITY FUND			11,363.94	0.00		
--- TOTALS BY DEPT/ACTIVITY ---							
	5160 - VILLAGE HALL			764.39	0.00		
	5211 - POLICE ADMINISTRATION			1,254.27	0.00		
	5221 - FIRE ADMINISTRATION			1,223.01	0.00		
	5254 - DAMS			23.19	0.00		
	5323 - GARAGE			372.09	0.00		
	5342 - STREET LIGHTING			13,886.79	0.00		
	5511 - LIBRARY SERVICES			3,349.22	0.00		
	5512 - MUSEUM			138.98	0.00		
	5521 - PARKS			680.57	0.00		
	6200 - PUMPING OPERATIONS			6,702.58	0.00		
	8010 - WWTP-TREATMENT/DISPOSAL/GP			10,621.51	0.00		
	8020 - LIFT STATIONS/PUMPING EQUIP			742.43	0.00		



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CHECK DISBURSEMENT REPORT FOR MUKWONAGO

CHECK NUMBER 35353 - 35354

Banks: GEN

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
11/15/2022	GEN	35353	TREASURER STATE OF WI	COURT FINES AND FEES OCTOBER 2022	100-0000-242400	3,819.60
11/15/2022	GEN	35354	TREASURER WAUKESHA COUNTY	COURT FINES AND FEES OCTOBER 2022	100-0000-243240	1,438.00
			TOTAL - ALL FUNDS	TOTAL OF 2 CHECKS		5,257.60

12/01/2022 09:07 AM			CHECK DISBURSEMENT REPORT FOR MUKWONAGO				Page 1/1	
User: MROCKLEY			CHECK NUMBER 554					
DB: Mukwonago			Banks: GEN					
Check Date	Bank	Check #	Payee	Description	GL #	Amount		
11/16/2022	GEN	554 (E)	INVOICE CLOUD	INVOICE CLOUD MONTHLY FEES - OCTOBER	100-5142-539900	0.41		
		554 (E)		INVOICE CLOUD MONTHLY FEES - OCTOBER	100-5241-539900	7.98		
		554 (E)		INVOICE CLOUD MONTHLY FEES - OCTOBER	410-5363-539900	70.29		
		554 (E)		INVOICE CLOUD MONTHLY FEES - OCTOBER	610-6902-690300	70.28		
		554 (E)		INVOICE CLOUD MONTHLY FEES - OCTOBER	620-8300-840000	70.29		
						219.25		
TOTAL - ALL FUNDS				TOTAL OF 1 CHECKS		219.25		

Check Date	Bank	Check #	Payee	Description	GL #	Amount
11/09/2022	GEN	35330	DAVINDER TOOR	BOND TERMINATION B22-0007	100-0000-211425	3,449.88
11/09/2022	GEN	35331	VILLAGE OF MUKWONAGO	B22-0007 - SCOOTERS COFFEE	100-0000-211425	263.28
			TOTAL - ALL FUNDS	TOTAL OF 2 CHECKS		3,713.16

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
11/09/2022	GEN	35327	MINNESOTA LIFE INSURANCE	DECEMBER 2022 LIFE INSURANCE	100-0000-215301	1,148.98
		35327		DECEMBER 2022 LIFE INSURANCE	150-0000-215301	169.73
		35327		DECEMBER 2022 LIFE INSURANCE	440-0000-215301	128.33
		35327		DECEMBER 2022 LIFE INSURANCE	610-0000-215301	28.53
		35327		DECEMBER 2022 LIFE INSURANCE	620-0000-215301	186.15
						<hr/> 1,661.72
11/09/2022	GEN	35328	MISSION SQUARE	RETIREMENT PR 11/10/22 ACCT 305155	100-0000-215250	4,610.86
		35328		RETIREMENT PR 11/10/22 ACCT 305155	150-0000-215250	4.33
		35328		RETIREMENT PR 11/10/22 ACCT 305155	440-0000-215250	680.66
		35328		RETIREMENT PR 11/10/22 ACCT 305155	610-0000-215250	192.52
		35328		RETIREMENT PR 11/10/22 ACCT 305155	620-0000-215250	441.46
						<hr/> 5,929.83
11/09/2022	GEN	35329	SECURIAN FINANCIAL GROUP INC	NOVEMBER 2022 ACCIDENT INS	100-0000-215305	16.50
		35329		NOVEMBER 2022 ACCIDENT INS	150-0000-215305	0.40
						<hr/> 16.90
11/09/2022	GEN	553 (E)	GREAT WEST RETIREMENT SERVICES	RETIREMENT PR 11/10/22	100-0000-215250	605.00
		553 (E)		RETIREMENT PR 11/10/22	150-0000-215250	673.59
						<hr/> 1,278.59
			TOTAL - ALL FUNDS	TOTAL OF 4 CHECKS		8,887.04

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
11/23/2022	GEN	35417	AFLAC	ACCOUNT# V1553 SUPPLEMENTAL	100-0000-215302	326.45
		35417		ACCOUNT# V1553 SUPPLEMENTAL	150-0000-215302	312.88
		35417		ACCOUNT# V1553 SUPPLEMENTAL	610-0000-215302	5.04
		35417		ACCOUNT# V1553 SUPPLEMENTAL	620-0000-215302	227.39
						<hr/> 871.76
11/23/2022	GEN	35418	MISSION SQUARE	RETIREMENT P[R 11/10/22 ACCT 305155	100-0000-215250	4,833.47
		35418		RETIREMENT P[R 11/10/22 ACCT 305155	150-0000-215250	1.97
		35418		RETIREMENT P[R 11/10/22 ACCT 305155	440-0000-215250	683.71
		35418		RETIREMENT P[R 11/10/22 ACCT 305155	610-0000-215250	202.68
		35418		RETIREMENT P[R 11/10/22 ACCT 305155	620-0000-215250	436.71
						<hr/> 6,158.54
11/23/2022	GEN	35419	MUKWONAGO PROFESSIONAL	NOVEMBER 2022 FIRE UNION DUES	150-0000-215500	450.00
11/23/2022	GEN	35420	MUKWONAGO PROFESSIONAL POLICE	NOVEMBER 2022 POLICE UNION DUES	100-0000-215500	500.00
11/23/2022	GEN	35421	VILLAGE OF MUKWONAGO MRA	NOVEMBER 2022 FSA	100-0000-215350	1,643.58
		35421		REPLENISH MRA ACCOUNT	100-0000-216000	20,000.00
		35421		NOVEMBER 2022 FSA	150-0000-215350	328.80
		35421		NOVEMBER 2022 FSA	610-0000-215350	2.19
		35421		NOVEMBER 2022 FSA	620-0000-215350	154.57
						<hr/> 22,129.14
11/23/2022	GEN	35422	WAUKESHA CTY TREASURER	2020 & 2021 UNCLAIMED FUNDS	100-4820-485000	50.00
		35422		2020 & 2021 UNCLAIMED FUNDS	100-5241-532400	35.00
		35422		2020 & 2021 UNCLAIMED FUNDS	150-0000-130450	93.92
		35422		2020 & 2021 UNCLAIMED FUNDS	720-0000-121100	30.64
						<hr/> 209.56
11/23/2022	GEN	558 (E)	DELTA DENTAL OF WISCONSIN	DECEMBER 2022 DENTAL PREMIUMS	100-0000-215304	389.84
		558 (E)		DECEMBER 2022 DENTAL PREMIUMS	150-0000-215304	20.98
		558 (E)		DECEMBER 2022 DENTAL PREMIUMS	440-0000-215304	51.72
		558 (E)		DECEMBER 2022 DENTAL PREMIUMS	610-0000-215304	9.76
						<hr/> 472.30
11/23/2022	GEN	559 (E)	DELTA DENTAL OF WISCONSIN	DECEMBER 2022 VISION PREMIUMS	100-0000-215303	56.32
		559 (E)		DECEMBER 2022 VISION PREMIUMS	440-0000-215303	35.76
						<hr/> 92.08

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User: MROCKLEY  
DB: Mukwonago

CHECK DISBURSEMENT REPORT FOR MUKWONAGO  
CHECK DATE FROM 11/23/2022 - 11/23/2022  
Banks: GEN

Page 2/2

Check Date	Bank	Check #	Payee	Description	GL #	Amount
11/23/2022	GEN	560 (E)	EMPLOYEE TRUST FUNDS	DECEMBER 2022 HEALTH INSURANCE	100-0000-215300	46,006.99
		560 (E)		DECEMBER 2022 HEALTH INSURANCE	150-0000-215300	8,322.72
		560 (E)		DECEMBER 2022 HEALTH INSURANCE	440-0000-215300	6,705.91
		560 (E)		DECEMBER 2022 HEALTH INSURANCE	610-0000-215300	3,541.28
		560 (E)		DECEMBER 2022 HEALTH INSURANCE	620-0000-215300	5,901.32
						<hr/> 70,478.22
11/23/2022	GEN	561 (E)	GREAT WEST RETIREMENT SERVICES	RETIREMENT PR 11/25/22	100-0000-215250	605.00
		561 (E)		RETIREMENT PR 11/25/22	150-0000-215250	680.96
						<hr/> 1,285.96
11/23/2022	GEN	562 (E)	UKG INC.	PAYROLL PROCESSING FEES OCTOBER 2022	100-5111-539900	92.75
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5120-539900	26.50
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5141-539900	13.25
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5142-539900	26.50
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5145-539900	53.00
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5211-539900	132.50
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5212-539900	172.25
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5213-521900	26.50
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5241-539900	26.50
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5300-539900	132.50
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	100-5670-521900	13.25
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	150-5221-539900	477.00
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	440-5511-539900	318.00
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	610-6902-690300	53.00
		562 (E)		PAYROLL PROCESSING FEES OCTOBER 2022	620-8300-840000	53.00
						<hr/> 1,616.50
11/23/2022	GEN	563 (E)	WI RETIREMENT SYSTEM	WISCONSIN RETIREMENT CONTRIBUTIONS - OCTOBER 2022	100-0000-215200	30,429.68
		563 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	150-0000-215200	9,890.41
		563 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	440-0000-215200	4,840.88
		563 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	500-0000-215200	17.92
		563 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	610-0000-215200	1,944.58
		563 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	620-0000-215200	2,936.22
						<hr/> 50,059.69
TOTAL - ALL FUNDS				TOTAL OF 12 CHECKS		154,323.75

**VILLAGE OF MUKWONAGO  
WAUKESHA AND WALWORTH COUNTIES**

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**RESOLUTION 2022-70**

**A RESOLUTION ADOPTING THE 2023 ANNUAL TAX INCREMENT DISTRICT BUDGETS  
AND ESTABLISHING THE 2022 TAX INCREMENT FOR THE  
VILLAGE OF MUKWONAGO**

---

**WHEREAS**, the Village of Mukwonago prepared an annual budget for the 2023 fiscal year in accordance with Section 2-172 of the Village of Mukwonago Municipal Code; and

**WHEREAS**, the Village Board has reviewed the proposed revenues from all sources and the proposed expenditures for all purposes and has found the proposed budget will responsibly and efficiently fund debt service and capital projects; and

**WHEREAS**, a public hearing on the 2023 Annual Budget was held on November 16, 2022 after due and proper notice of said hearing having been given in accordance with Wis. Stat. Section 65.90; and

**WHEREAS**, the Village Board has adopted certain resolutions relating to borrowing and levying irrepealably taxes sufficient to pay such borrowing; and

**WHEREAS**, tax increment calculations totaled \$1,272,623.16 for Waukesha County and \$906,641.21 for Walworth County to pay for TIF district project and debt service costs;

**NOW THEREFORE, BE IT RESOLVED** by the Village Board of Mukwonago, Wisconsin hereby approves the 2023 Tax Increment District Annual Budgets, as attached as Exhibit A, utilizing the tax increment levied against affected properties.

Passed and adopted this 21<sup>st</sup> day of December, 2022.

\_\_\_\_\_  
Fred H. Winchowky, Village President

Attest: \_\_\_\_\_  
Diana Dykstra, Clerk-Treasurer

12/01/2022

BUDGET REPORT FOR VILLAGE OF MUKWONAGO  
Calculations as of 06/30/2022

DEPARTMENT	DESCRIPTION	2020 ACTIVITY	2021 ACTIVITY	2022 ORIGINAL BUDGET	2022 ACTIVITY THRU 06/30/22	2022 PROJECTED ACTIVITY	2023 PROPOSED BUDGET	2023 DEPT REQUESTED % CHANGE	2023 DEPT REQUESTED AMT CHANGE
Fund 220 - TID#3 - GENERAL									
ESTIMATED REVENUES									
4100	TAXES	909,718	916,659	863,478	730,742	863,478	905,802	4.90	42,324
4200	SPECIAL ASSESSMENTS	13,014	18,351	11,500	19,623	19,623	11,500		
4300	INTERGOV T REVENUES	30,250	39,979	39,979	22,324	30,250	30,250	(24.34)	(9,729)
4810	INTEREST REVENUE	9,120	791	600	1,886	4,597	4,000	566.67	3,400
4900	OTHER FINANCING SOURCES	1,712,504		121,558			218,160	79.47	96,602
TOTAL ESTIMATED REVENUES		2,674,606	975,780	1,037,115	774,575	917,948	1,169,712	12.79	132,597
APPROPRIATIONS									
5140	ADMINISTRATIVE & GENERAL	5,300	5,249	5,151	2,651	5,151	5,150	(0.02)	(1)
5151	INDEPENDENT AUDITING	1,711	3,382	4,000	3,187	3,843	3,500	(12.50)	(500)
5800	DEBT SERVICE	2,796,609	946,196	1,027,964	676,370	1,027,964	1,161,062	12.95	133,098
5805	DEBT ISSUANCE/REFUNDING EXP	37,504							
TOTAL APPROPRIATIONS		2,841,124	954,827	1,037,115	682,208	1,036,958	1,169,712	12.79	132,597
NET OF REVENUES/APPROPRIATIONS - FUND 220		(166,518)	20,953		92,367	(119,010)			



DEPARTMENT	DESCRIPTION	2020 ACTIVITY	2021 ACTIVITY	2022 ORIGINAL BUDGET	2022 ACTIVITY THRU 06/30/22	2022 PROJECTED ACTIVITY	2023 PROPOSED BUDGET	2023 DEPT REQUESTED % CHANGE	2023 DEPT REQUESTED AMT CHANGE
Fund 240 - TID#4									
ESTIMATED REVENUES									
4100	TAXES	40,536	82,368	276,803	234,253	276,803	366,821	32.52	90,018
4800	MISC REVENUE	49,223							
4810	INTEREST REVENUE	575	82	50	379	1,500	1,500	2,900.00	1,450
4900	OTHER FINANCING SOURCES	1,240,000							
TOTAL ESTIMATED REVENUES		1,330,334	82,450	276,853	234,632	278,303	368,321	33.04	91,468
APPROPRIATIONS									
5130	VILLAGE ATTORNEY	53							
5140	ADMINISTRATIVE & GENERAL	12,003	11,150	5,151	2,651	5,151	5,150	(0.02)	(1)
5151	INDEPENDENT AUDITING	2,301	3,678	5,000	273	500	4,300	(14.00)	(700)
5670	ECONOMIC DEVELOPMENT	1,150,000							
5800	DEBT SERVICE	11,911	41,627	155,686	143,423	155,686	153,923	(1.13)	(1,763)
5805	DEBT ISSUANCE/REFUNDING EXP	40,000							
5900	OTHER FINANCING USES			111,016			204,948	84.61	93,932
TOTAL APPROPRIATIONS		1,216,268	56,455	276,853	146,347	161,337	368,321	33.04	91,468
NET OF REVENUES/APPROPRIATIONS - FUND 240		114,066	25,995		88,285	116,966			

DEPARTMENT	DESCRIPTION	2020 ACTIVITY	2021 ACTIVITY	2022 ORIGINAL BUDGET	2022 ACTIVITY THRU 06/30/22	2022 PROJECTED ACTIVITY	2023 PROPOSED BUDGET	2023 DEPT REQUESTED % CHANGE	2023 DEPT REQUESTED AMT CHANGE
Fund 250 - TID #5									
ESTIMATED REVENUES									
4100	TAXES	245,776	685,467	425,570	295,853	425,570	906,641	113.04	481,071
4200	SPECIAL ASSESSMENTS				6,419	6,419	6,419		6,419
4810	INTEREST REVENUE	17,872	2,013	1,600	5,472	18,000	12,000	650.00	10,400
4900	OTHER FINANCING SOURCES	1	8,001,814	6,662,150	107,379	4,427,379	2,315,429	(65.25)	(4,346,721)
TOTAL ESTIMATED REVENUES		263,649	8,689,294	7,089,320	415,123	4,877,368	3,240,489	(54.29)	(3,848,831)
APPROPRIATIONS									
5130	VILLAGE ATTORNEY	561	2,581		160	1,500			
5140	ADMINISTRATIVE & GENERAL	32,150	46,592	5,001	31,576	55,151	55,150	1,002.78	50,149
5151	INDEPENDENT AUDITING	7,588	2,715	4,000	3,508	4,500	4,500	12.50	500
5335	ENGINEERING	14,006	210,566		24,656	50,000	50,000		50,000
5670	ECONOMIC DEVELOPMENT		245,000		3,033	5,000	5,000		5,000
5700	CAPITAL OUTLAY EXPENDITURES	7,493	1,770	2,000,000	289,701	377,628	2,000,000		
5800	DEBT SERVICE	571,300	8,221,209	5,080,319	651,320	5,080,319	1,070,839	(78.92)	(4,009,480)
5805	DEBT ISSUANCE/REFUNDING EXP		151,182				55,000		55,000
TOTAL APPROPRIATIONS		633,098	8,881,615	7,089,320	1,003,954	5,574,098	3,240,489	(54.29)	(3,848,831)
NET OF REVENUES/APPROPRIATIONS - FUND 250		(369,449)	(192,321)		(588,831)	(696,730)			



## Agenda Item Cover Report

<b>Date:</b> <b>11-29-22</b>	<b>Committee/Board:</b> <b>Finance</b>
<b>Submitted by:</b> <b>Wayne Castle</b>	<b>Department:</b> <b>Utilities- Wastewater</b>
<b>Date of Committee Action:</b> <b>12-7-22</b>	<b>Date of Village Board Action:</b> <b>12-21-22</b>

**Subject:**  
Bassett Mechanical Maintenance Contract Renewal

**Executive Summary:**

Bassett Mechanical services some of the Wastewater Plant's crucial equipment. Some of the equipment includes the digester boiler, roof top HVAC equipment, make up air unit, and energy recover units. This maintenance contract provides timely maintenance to equipment that we do not have either the time or proper level of expertise to work on. The contract was reviewed by the attorney in a previous contract.

**Fiscal Impact:**

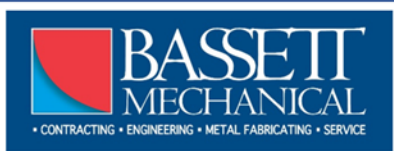
Monthly payment of \$1,073.00 a month for a total of \$12,87.00 for the year.

**Executive Recommendation/Action:**

For the Committee of the Whole to recommend to the Village Board to approve the Maintenance Contract renewal.

**Attachments Included**

- **Bassett Mechanical Maintenance Contract**



Creating Customers for Life®

## MAINTENANCE AGREEMENT FOR BUILDING ENVIRONMENTAL SYSTEMS

### Company

Bassett Mechanical  
1215 Hyland Ave  
Kaukauna, WI 54130

Proposal Date: 9/26/2022

Proposal Number: P00411

Agreement Number: C1925

Ph: 9204621964

Fax: 920-759-2525

Bill To Identity	Agreement Location
Mukwonago Wastewater 1200 Holz Parkway Mukwonago, Wisconsin 53149  Attn: Wayne Castle	Mukwonago Wastewater 1200 Holz Parkway Mukwonago, Wisconsin 53149  Attn: Wayne Castle

Bassett Mechanical will provide the services described in the maintenance program indicated below.

**MAINTENANCE PROGRAM:** Planned Maintenance (CPMII) **SCHEDULES:** \*Equipment Schedule

Agreement coverage will commence on 1/1/2023.

The Agreement price is \$12,876.00 per year, payable in advanced installments of \$1,073.00 per Month beginning on the effective date of 1/1/2023 through 12/31/2023.

BASSETT MECHANICAL WILL SCHEDULE A CARE MEETING BEFORE THE AGREEMENT RENEWS 11/01/2022.  
THIS IS A QUARTERLY PREVENTATIVE MAINTENANCE AGREEMENT.

This proposal is the property of Contractor and is provided for Customer's use only. Contractor guarantees the price stated in this Agreement for thirty (30) days from proposal date above. This proposal will become a binding Agreement only after acceptance by Customer and approved by an officer of Contractor as evidenced by their signatures below. This Agreement sets forth all of the terms and conditions binding upon the parties hereto; and no person has authority to make any claim, representation, promise or condition on behalf of Contractor which is not expressed herein.

### Company

Signature (Authorized Representative)

**Ryan Erxleben**

Name (Print)

**Maintenance Solutions Representative**

Title

**November 30, 2022**

Date

### Customer

Signature (Authorized Representative)

Name (Print)

Title

Date



Creating Customers for Life®

### **Planned Maintenance (CPMII) Program**

This agreement is designed to provide the Customer with an ongoing maintenance agreement. This agreement will be initiated, scheduled, administered, monitored and updated by the Service Provider. The service activities will be directed and scheduled, on a regular basis, by our comprehensive equipment maintenance scheduling system based on manufacturers' recommendations, equipment location, application, type, run time, and Service Provider's own experience.

**COMPLETE PROFESSIONAL MAINTENANCE:** Comprehensive maintenance program with computerized tasking to ensure the highest standards are followed, reducing breakdowns, providing equipment reliability, and helping to extend the life of your equipment.

**TEST AND INSPECT:** On-Site labor, travel labor and travel and living expenses required to visually INSPECT and TEST equipment to determine its operating condition and efficiency. Typical activities could include:

\*TESTING for excessive vibration; motor winding resistance; refrigerant charge; fan RPM; refrigerant oil (acid); flue gas analysis; safety controls, combustion and draft; crankcase heaters, control system(s), etc.

\*INSPECTING for worn, failed or doubtful parts; mountings, drive couplings; oil level; rotation; soot; flame composition and shape; pilot and igniter; steam, water, oil and/or refrigerant leaks, etc.

**PREVENTIVE MAINTENANCE:** On-Site labor, travel labor and travel and living expenses required to clean, align, calibrate, tighten, adjust and lubricate equipment. These activities are intended to extend equipment life and assure proper operating condition and efficiency. Typical activities could include:

\*CLEANING coil surfaces; electrical contacts; burner orifices; passages and nozzles; pilot and igniter; cooling tower baffles, basin, sump and float; chiller, condenser and boiler tubes, etc.

\*ALIGNING belt drives; drive couplings; coil fins, etc.

\*CALIBRATING safety controls; temperature and pressure controls, etc.

\*TIGHTENING electrical connections; mounting bolts; refrigerant piping fittings; damper sections, etc.

\*ADJUSTING belt tension; refrigerant charge; super heat; fan RPM; burner fuel/air ratios; gas pressure; set point of controls and limits; compressor cylinder unloaders; damper close-off; sump floats, etc.

\*LUBRICATING motors; fan and damper bearings; valve stems; damper linkages; fan vane linkages, etc.

**PRIMARY TECHNICIAN:** An assigned primary and secondary technician for your facility.

**ASSIGNED PROJECT MANAGER:** An Assigned HVAC Specialist to assist you with future planning, budgeting, system upgrades and current project needs.

**DOCUMENTATION:** On-going communication regarding the history of your equipment as well as current performance of the system thru service reports and Bassett's web based reporting platform.

## **CUSTOMIZED PROFESSIONAL MAINTENANCE PROGRAM II TERMS AND CONDITIONS**

1. Customer shall permit Contractor free and timely access to areas and equipment, and allow Contractor to start and stop the equipment as necessary to perform required services. All planned work under this Agreement will be performed during the Contractor's normal working hours.
2. In case of any failure to perform its obligations under this Agreement, Contractor's liability is limited to repair or replacement at its option and such repair or replacement shall be Customer's sole remedy. This warranty is conditioned upon proper operation and maintenance by Customer and shall not apply if the failure is caused or contributed to by accident, alteration, abuse or misuse, and shall not extend beyond the term of this Agreement.
3. This annual agreement shall continue in effect from year to year unless either party gives written notice to the other of intention not to renew thirty (30) days prior to any anniversary date.
4. The annual Agreement price is subject to adjustment on each commencement anniversary to reflect increases in labor, material and other costs.
5. Customer shall be responsible for all taxes applicable to the services and/or materials hereunder.
6. Customer will promptly pay invoices within thirty (30) days of receipt. Should a payment become thirty one (31) days or more delinquent, Contractor may stop all work under this Agreement without notice and/or cancel this Agreement, and the entire Agreement amount shall become due and payable immediately upon demand.
7. This Agreement does not include repairs to the system(s), the provisions or installation of components or parts, or service calls requested by the Customer. These services will be charged for at Contractor's rates then in effect.
8. Any alteration to, or deviation from, this Agreement involving extra work, cost of materials or labor will become an extra charge (fixed price amount to be negotiated or on a time-and-material basis at Contractor's rates then in effect) over the sum stated in this Agreement.
9. Contractor will not be required to move, replace or alter any part of the building structure in the performance of this Agreement.
10. Customer shall permit only Contractor's personnel or agent to perform the work included in the scope of this Agreement. Should anyone other than Contractor's personnel perform such work, Contractor may, at its option, cancel this Agreement or eliminate the involved item of equipment from inclusion in this Agreement.
11. In the event Contractor must commence legal action in order to recover any amount payable under this Agreement, Customer shall pay Contractor all court costs and attorneys' fees incurred by Contractor.
12. Any legal action against the Contractor relating to this Agreement, or the breach thereof, shall be commenced within one (1) year from the date of the work.
13. Contractor shall not be liable for any delay, loss, damage or detention caused by unavailability of machinery, equipment or materials, delay of carriers, strikes, including those by Contractor's employees, lockouts, civil or military authority, priority regulations, insurrection or riot, action of the elements, forces of nature, or by any cause beyond its control.
14. The Customer has the right to cancel this program at any time for any reason with a 30 day written notice of intent to cancel. If this action is taken, Bassett Mechanical may invoice at the preferred prevailing time and materials rates for any work that has been done which exceeds the amount(s) previously billed not to exceed the annual agreement price.
15. To the fullest extent permitted by law both customer and the contractor shall hold harmless the other party, its agent and employees from and against claims, damages, losses and expenses (including but not limited to attorney's fees) to the extent that such claim, damage, loss or expense is caused in whole or in part by an active or passive act or omission of the other party anyone directly or indirectly employed by that party, or anyone for whose acts that may be liable.
16. Customer shall make available to Contractor's personnel all pertinent Material Safety Data Sheets (MSDS) pursuant to OSHA'S Hazard Communication Standard Regulations.
17. Contractor expressly disclaims any and all responsibility and liability for the indoor air quality of the customer's facility, including without limitation injury or illness to occupants of the facility or third parties, arising out of or in connection with the Contractor's work under this agreement.
18. Contractor's obligation under this proposal and any subsequent contract does not include the identification, abatement or removal of asbestos or any other toxic or hazardous substances, hazardous wastes or hazardous materials. In the event such substances, wastes and materials are encountered, Contractor's sole obligation will be to notify the Owner of their existence. Contractor shall have the right thereafter to suspend its work until such substances, wastes or materials and the resultant hazards are removed. The time for completion of the work shall be extended to the extent caused by the suspension and the contract price equitably adjusted.
19. UNDER NO CIRCUMSTANCES, WHETHER ARISING IN CONTRACT, TORT (INCLUDING NEGLIGENCE), EQUITY OR OTHERWISE, WILL CONTRACTOR BE RESPONSIBLE FOR LOSS OF USE, LOSS OF PROFIT, INCREASED OPERATING OR MAINTENANCE EXPENSES, CLAIMS OF CUSTOMER'S TENANTS OR CLIENTS, OR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

# Inventory of Equipment

Qty	Equipment	Manufacturer	Model	Serial#	Location	Asset Note
1	2-ERU-01	RenewAire	HE2XIN	I18 0601C	Ground	
1	5-EF-01	Greenheck			Exterior wall rear of building	
1	5-EF-02	Greenheck			Exterior wall rear of building	
1	5-ERU-01	RenewAire	HE2XIN		Ceiling	
1	BLR 001	Envirex	504	80-206	Ground	
1	EF BOILER	Twin City Fan	807F	18-737362-1-1	Top of boiler	
1	PMP 001	Bell & Gossett			Top of boiler	
1	EF1 - Blower Building	Greenheck	SOB 18 20	596125	Ceiling	
1	EF2 M210	Greenheck	BSQ-160-15	108612730705	Ceiling	
1	EUH1	Indeeco	233-FA-0106U-C1DKLST		Ceiling	
1	MUA1	Greenheck			Roof	
1	RTU 001	Carrier	48KCEA06A2M6A6B0C0	3818C86949	Roof	
1	WET WELL EF1	Greenheck	QEID-16		Inside ceiling	
1	WET WELL EF2	Greenheck	QEID-20-55-AC30		Inside ceiling	
1	WET WELL EF3	Greenheck	QEID-20-55-AC30		Inside ceiling	

BASSETT  
MECHANICAL

▪ CONTRACTING ▪ ENGINEERING  
▪ METAL FABRICATING ▪ SERVICE



# Filter Inventory

Unit	Qty	Changes/Yr	Size	Type
2-ERU-01	4	2	20X20X2 NOVA SC PLEAT, MERV 8, SELF SUPPORTING	PLEATED
5-ERU-01	6	2	20X20X2 NOVA SC PLEAT, MERV 8, SELF SUPPORTING	PLEATED
MUA1	2	2	16X25X2 GALVANIZED STEEL WASHABLE	WASHABLE
RTU 001	4	4	16X16X2 NOVA SC PLEAT, MERV 8, SELF SUPPORTING	PLEATED

BASSETT  
MECHANICAL

▪ CONTRACTING ▪ ENGINEERING  
▪ METAL FABRICATING ▪ SERVICE





# Equipment Tasking

Scheduled maintenance inspections are performed at various times throughout the year. Tasking Sheets provide an overview of the maintenance to be performed.

## ENERGY RECOVERY UNIT

- Examine disconnect for proper operation
- Inspect electrical connections
- Record motor operating amps(3 HP and above) #1
- Inspect motor mounts
- Visual inspect for oil or refrigerant leaks if applicable
- Inspect coils
- Inspect/test the operation of all pressure and temperature controls
- Check for unusual noise - vibration or excessive temperatures
- Inspect blower wheels housings and brackets for cracks or damage
- **Inspect belts/pulleys and check alignment if applicable**
- Lubricate bearings as needed
- Inspect wiring of electric heat if applicable
- Record operating amps of electric heat if applicable
- Inspect filter
- Clean condensate pan and drains if applicable
- Verify proper operation

## FAN EXHAUST/SUPPLY W/ BELT

- Check disconnect
- Tighten electrical connections
- Check all belts for proper wear and tension
- Inspect fan security to shaft
- **Check damper operation clean and lubricate as needed if applicable**
- Check pulleys for wear
- Check bearings for wear
- **Lubricate bearings if applicable**
- Check motor operation
- Verify proper operation

## BOILER HOT WATER

- Inspect all terminals & connectors for tightness and inspect wiring
- Inspect contactors for worn contacts
- Check all transformers for proper input/output voltage
- Check all fuses for proper size rating and fit
- Sequence test all components and burners
- Inspect draft fan for proper operation and lubricate as needed – if applicable



# Equipment Tasking

- Clean burners and burner compartment
- Inspect and clean pilot assemblies, ignitors and sensors
- Verify proper operation of all safety controls
- Record high/low gas pressure settings
- Check and set manifold pressure
- Visually check entire gas train
- Check and record flame signal
- Inspect all gauges
- Inspect for gas/water leaks
- Clean and check operation of low water cutoff
- Verify proper operation of the feed water system and clean strainer
- Inspect boiler venting connection
- Perform recommended manufacturer tasks
- Inspect refractory and firebrick for defect
- Inspect and clean fire tubes and heat exchangers
- Test operation of relief valves
- Clean trim lines – crosses and associated piping
- Flush and clean mud legs
- Perform combustion analysis

## BOILER TEARDOWN

- Inspect all terminals & connectors for tightness and inspect wiring
- Inspect contactors for worn contacts
- Check all transformers for proper input/output voltage
- Check all fuses for proper size rating and fit
- Sequence test all components and burners
- Inspect draft fan for proper operation and lubricate as needed - if applicable
- Clean burners and burner compartment
- Inspect and clean pilot assemblies, ignitors and sensors
- Verify proper operation of all safety controls
- Record high/low gas pressure settings
- Check and set manifold pressure
- Visually check entire gas train
- Check and record flame signal
- Inspect all gauges
- Inspect for gas/water leaks
- Clean and check operation of low water cutoff
- Verify proper operation of the feed water system and clean strainer
- Inspect stacks chimneys hoods and flues for cracks and weak spots.
- Perform recommended manufacturer tasks
- Inspect refractory and firebrick for defect
- Inspect and clean fire tubes and heat exchangers
- Test operation of relief valves
- Clean trim lines- crosses and associated piping
- Flush and clean mud legs
- Blow down all float chambers



# Equipment Tasking

## PUMP

- Electrical Disconnect - Verify Proper Operation
- Inspect motor starter & disconnect if applicable
- Check & tighten electrical connections if applicable
- Verify proper overload protection if applicable
- Check packing & seals for leaks
- Inspect coupling for wear & integrity if applicable
- Check pressure gauges & record operating pressure
- Lubricate motor if applicable
- Lubricate bearing assembly if applicable
- Verify proper operations and flow
- Check drive coupling & coupling alignment (If Applicable)

## FAN EXHAUST/SUPPLY W/O BELT

- Check disconnect
- Tighten electrical connections
- Inspect fan security to shaft
- Check damper operation clean and lubricate as needed if applicable
- Check bearings for wear
- Check motor operation
- Verify proper operation

## MAKE UP AIR DIRECT FIRED W/O COOLING

- Inspect all terminals and connectors for tightness
- Inspect contactors
- Check all transformers for proper input/output voltage
- Record amp draw (3 hp and higher)
- Check for unusual fan noise vibration or excessive temperatures
- Inspect belts, pulleys drive couplings and bearings for wear if applicable
- Lubricate bearings as required
- Clean burners and burner orifices
- Check flame condition
- Inspect and clean pilot assemblies igniters and sensors
- Inspect for gas leaks
- Verify proper operation of all safety controls
- Sequence test burners and all related controls
- Check for proper flame signal
- Check for proper gas pressures
- Visually inspect each gas train component
- Check that all valves - modulators - and regulators are functioning properly
- Verify proper operation of all dampers - lubricate as needed
- Inspect filters and/or intake screens - brush as needed



# Equipment Tasking

- Verify proper operation
- Record discharge air temp and ambient temp

## PACKAGED RTU GAS HEAT W/ ECON

### Spring Major

- Inspect all wiring terminals and connectors for tightness
- Inspect contactors
- Check all transformers for proper input/output voltage
- Sequence test all components
- Record blower amp draw (3 hp and higher)
- Check all fans for unusual noise or vibration
- Lubricate bearings as needed
- Check belts and bearings and pulleys for wear if applicable
- Inspect blower wheel housings and brackets - clean as needed
- Check belts for proper tension and alignment
- Sequence test economizer operating controls
- Check and set economizer minimum air
- Check economizer damper operation
- Check crankcase heaters if applicable
- Visually inspect for oil or refrigerant leaks
- Record ambient temp
- Record compressor suction pressure- discharge pressure- superheat- sub cooling- operating amps #1 & #2
- Check the operation of capacity controls if applicable
- Inspect all coil surfaces - brush as needed
- Inspect condensate pan and drain - clean as needed
- Check all unit compartments - clean as needed
- Inspect air filters and economizer filter
- Verify proper operation

### Fall Major

- Inspect all wiring terminals and connectors for tightness
- Inspect contactors
- Check all transformers for proper input/output voltage
- Sequence test all components
- Record blower amp draw (3 hp and higher)
- Check all fans for unusual noise or vibration
- Lubricate bearings as needed
- Check belts and bearings and pulleys for wear if applicable
- Inspect blower wheel housings and brackets - clean as needed
- Check belts for proper tension and alignment
- Sequence test economizer operating controls
- Check and set economizer minimum air
- Check economizer damper operation
- Check crankcase heaters if applicable





# Equipment Tasking

- Inspect draft fan for proper operation
- Clean burners and pilot assemblies igniters and sensors
- Check for gas leaks
- Verify proper operation of all safety controls
- Sequence test ignition and all related controls
- Check gas pressures
- Inspect condensate pan - clean as needed
- Inspect air filters and economizer filter
- Inspect heat exchanger
- Verify proper operation

## UNIT HEATER ELECTRIC

- Inspect all terminals and connectors
- Inspect contactors
- Check all transformers for proper input/output voltage.
- Sequence test all components
- Check fan for unusual noise - vibration or excessive temperatures
- Lubricate bearings if applicable
- Clean entire cabinet
- Record element amps
- Blow out coil as needed
- Verify operation

BASSETT  
MECHANICAL

■ CONTRACTING ■ ENGINEERING  
■ METAL FABRICATING ■ SERVICE



# Scope of Work Additions and Special Provisions

## Additions to Scope of Work - CPMII:



- In addition to the scope of work disclosed within this agreement, Bassett Mechanical shall also provide annual belt replacement as well as annual coil cleaning on the equipment listed in the inventory section of this agreement.
  - All parts, materials and service calls not specifically stated as covered under this service agreement shall be excluded and will be invoiced separately to customer upon receiving proper approval for the work to be performed.
  - Excluded from this agreement shall be all system ductwork, system piping, variable frequency drives, water treatment and anything not specifically stated as covered within this agreement.
  - Lift rentals are not included in this agreement, unless stated otherwise.
- 
- **Teardown and inspection scheduling:**
    - **January 2023 teardown will take place December 2022**
    - **4 hour tuning inspection will take place April/May 2023**
    - **Second teardown in September 2023**
    - **Normal schedule 2024 and on:**
      - **January/September teardowns**
      - **April/May tuning inspection**

## Special Provision - Addendum to Agreement Terms and Conditions:



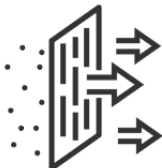
- THIS ADDENDUM (this "Addendum") is hereby made a part of the Agreement to which this Addendum is attached. In the event of any conflicts of inconsistencies between the Agreement and this Addendum, the terms of this Addendum shall control. Terms not otherwise defined in this Addendum shall have the meanings given to them in the Agreement.
  
- Enter special T&Cs here

## Special Provision - Belt Replacement:



- Bassett Mechanical is responsible for providing belts. Bassett Mechanical will provide labor to change.

## Special Provision - Filter Replacement:



- Bassett Mechanical is responsible for providing filter media. Bassett Mechanical will provide labor to change.





## Agenda Cover Report

<b>Date:</b> <b>11/29/22</b>	<b>Committee/Board:</b> <b>Finance Committee</b>
<b>Submitted by:</b> <b>Ron Bittner</b>	<b>Department:</b> <b>Public Works</b>
<b>Date of Committee Action: N/A</b>	<b>Date of Village Board Action: N/A</b>

<b>Subject:</b> Fire Station # 1 water heater replacement.
<b>Executive Summary:</b> The unit was nearing it's end of life and failed with multiple codes. Due to it age, replacement was recommended. After receiving two bids, public works notified the village administrator and finance director about the replacement and signed a proposal from Martens Plumbing and Heating.
<b>Fiscal Impact:</b> \$12,376.00
<b>Executive Recommendation/Action:</b> . Information Only

☐ Attachments Included



**Martens Plumbing & Heating, Inc.**  
**117 MacArthur Drive**  
**Mukwonago, WI 53149**  
**ph262-363-7146 fx262-363-2033**  
**www.martensplumbing.com**

# PROPOSAL

11/11/2022

25534

VILLAGE OF MUKWONAGO FIRE DEPT  
 440 RIVERCREST COURT  
 MUKWONAGO, WI 53149

Customer Phone

363-6426

Customer Fax

Customer Alt. Phone

Customer E-mail

chiefstien@mukwonagofir...

Description	Total
RE: WATER HEATER	
WE PROPOSE TO FURNISH AND INSTALL AS LISTED:	
<WATER HEATER>	
RHEEM GHE100SU-200, TRITON, 100 GALLON, 97% EFFICIENCY, 199,900 BTU WATER HEATER	
WARRANTY: 3 YEARS LIMITED TANK WARRANTY / 1 YEAR LABOR	
INTAKE AND EXHAUST VENT PIPE WITH FITTINGS	
WATER PIPE WITH FITTINGS	
SCOPE: REMOVE EXISTING WATER HEATER FROM SITE	
INSTALL MATERIAL AS LISTED WITH CONNECTION TO THE EXISTING:	
VENT PIPING	
GAS PIPING	
WATER PIPING	
ELECTRICAL OUTLET	
PERMIT BY OWNER	
COMPLETE MATERIAL AND LABOR:	12,376.00
TERMS: AT COMPLETION	
(NO CHARGE FOR 11/10/22 DATE OF SERVICE UPON ACCEPTANCE.....\$156.00)	
DATE <u>11/18/22</u> ACCEPTED BY <u>Ronald R. Bittner</u>	
DATE _____ ACCEPTED BY _____	
MARTENS PLUMBING & HEATING, INC.	
WE APPRECIATE THE OPPORTUNITY TO QUOTE THIS PROJECT.	
THANK YOU, JEFF MARTENS	



**PREPARED FOR:**

**Ron Bittner**  
P.O. BOX 206  
Mukwonago, WI 53149

**JOB NAME/LOCATION:**

**Mukwonago Fire Department**  
1111 Fox Street  
Mukwonago, WI 53149

---

**Details**

This estimate is for the installation of new AO Smith BTH199 water heater.

- Includes all labor and materials to complete the install.
- Plumbing permit is not included but can be aquired if needed
- If owner supplies new heater it will need to be onsite prior to install date

---

Item	Amount
Labor and Materials (Not Including Heater) to Complete the Installation of New Water Heater	3,250.00
100Gal 199,000 Btu Commercial Gas Water Heater ( Includes Delivery of New and Discard of Existing Heater)	10,775.00

---

**Subtotal:** 14,025.00  
**Sales Tax:** 0.00  
**Total:** 14,025.00

Signature Pre-Auth.

FOR: Ron Bittner

---

**WE NOW OFFER ELECTRICAL SERVICES!! Call today to schedule, 262-642-7747**

In the case of unforeseen issues or difficulties, the technician will stop work, inform the client of the situation, if there will be additional cost to resolve the situation and obtain permission to continue.

**PRICING GOOD FOR 30 DAYS**

---

**RESOLUTION 2022-73**

**A RESOLUTION ADOPTING THE 2023 WATER UTILITY  
AND SANITARY SEWER UTILITY BUDGETS INCLUDING 2023 SEWER RATES**

---

**WHEREAS**, the Village Board of Trustees recommends the 2023 Water Utility Budget as follows: and;

Operation & Maintenance	\$ 1,643,365
Capital Expense	\$ 290,000
Depreciation	\$ 548,453
Total	\$ 2,481,818

**WHEREAS**, the Water Utility does not currently qualify for a simplified rate increase but plans to check its eligibility again once the 2022 annual report is filed with the PSC, and;

**WHEREAS**, if eligible, and based on current information, would implement a 2.25% increase for the last 2 quarters of 2023 pending PSC approval, and

**WHEREAS**, that the Village Board of Trustees recommends the 2023 Sanitary Sewer Utility Budget as follows: and;

Operation & Maintenance	\$ 1,432,287
Capital Expense	\$ 1,500,000
Depreciation	\$ 729,984
Total	\$ 3,662,271

**WHEREAS**, effective with the 1<sup>st</sup> quarterly billing in fiscal year 2023, the sewer rate per thousand gallons of water used will be \$6.87, and the quarterly flat charge shall be as follows: and;

<b>Connection Size</b>	<b>Charge</b>
5/8" or 3/4"	\$38.15
1"	\$59.83
1 1/4"	\$77.23
1 1/2"	\$96.08
2"	\$139.46
3"	\$240.77
4"	\$384.99
6"	\$747.33
8"	\$1,181.44
10"	\$1760.35
12"	\$2339.15

**NOW THEREFORE BE IT RESOLVED**, the Village Board of Trustees does hereby approve the 2023 Water Utility Budget, the 2023 Sanitary Sewer Utility Budget, the 2023 sewer rates per thousand, and quarterly flat charges.

Adopted this 21<sup>st</sup> day of December, 2022

---

Fred H. Winchowky, Village President

Attest: \_\_\_\_\_  
Diana Dykstra, Clerk-Treasurer

Cat	Cat Descr	Sum of 2020 Actual	Sum of 2021 Actual	Sum of 2022 Proposed Budget	Sum of 6-30-22 YTD Amount	Sum of Year End Estimates	Sum of 2023 Proposed Budget	% change 2023 Proposed Budget over 2022 Adopted Budget	\$\$ change 2023 Proposed Budget over 2022 Adopted Budget
<b>610 - Water Utility</b>									
<b>Expenditure</b>									
5140	ADMINISTRATIVE & GENERAL	129	-	-	-	-	-	0.00%	-
** 5900	OTHER FINANCING USES	10,000	10,000	337,101	-	10,000	279,257	-17.16%	(57,844)
6200	PUMPING OPERATIONS	107,576	123,763	133,036	72,386	143,430	142,281	6.95%	9,245
6210	PUMPING MAINTENANCE	249,258	61,745	113,828	20,261	172,831	94,742	-16.77%	(19,086)
6300	WATER TREATMENT OPERATIONS	79,051	73,715	68,562	41,560	71,580	75,121	9.57%	6,559
6310	WATER TREATMENT MAINTENANCE	21,203	25,663	33,180	5,492	20,697	27,582	-16.87%	(5,598)
6450	T&D-DISTR RSRVR/STNDP MAINT	23,589	4,000	3,933	4,214	6,961	3,683	-6.36%	(250)
6451	T&D-MAINS MAINTENANCE	26,724	17,342	47,611	2,477	35,602	47,130	-1.01%	(481)
6452	T&D-SERVICES MAINTENANCE	65,295	43,309	42,809	9,154	34,352	42,320	-1.14%	(489)
6453	T&D-METERS MAINTENANCE	19,316	950	29,647	4,433	12,786	27,244	-8.11%	(2,403)
6454	T&D-HYDRANTS MAINTENANCE	7,325	2,735	48,513	12,072	26,388	47,861	-1.34%	(652)
6901	METER READING LABOR	7,462	3,764	9,711	1,839	2,895	8,236	-15.19%	(1,475)
6902	ACCOUNTING/COLLECTING	82,159	83,342	82,865	39,926	82,865	84,865	2.41%	2,000
6920	ADMINISTRATIVE & GENERAL EXP	986,900	996,100	979,850	440,428	920,952	1,042,300	6.37%	62,450
** 6950	YEAR END ACCOUNTING ADJUSTMENT	506,418	580,625	504,703	-	548,453	548,453	8.67%	43,750
<b>Expenditure Total</b>		<b>2,192,405</b>	<b>2,027,053</b>	<b>2,435,349</b>	<b>654,242</b>	<b>2,089,792</b>	<b>2,471,075</b>	<b>1.47%</b>	<b>35,726</b>
<b>Revenue</b>									
4010	METERED SALES	2,001,301	2,125,156	2,133,000	1,017,638	2,149,500	2,178,000	2.11%	45,000
4020	OTHER OPERATING REVENUE	165,579	169,986	149,700	88,928	149,077	154,200	3.01%	4,500
4200	SPECIAL ASSESSMENTS	16	8	-	-	-	-	0.00%	-
4420	IMPACT FEES COLLECTED	145,699	145,463	150,000	69,181	100,000	120,000	-20.00%	(30,000)
4800	MISC REVENUE	435,370	618,443	100	137	200	200	100.00%	100
4810	INTEREST REVENUE	14,375	3,661	2,549	4,822	18,964	18,675	632.64%	16,126
4820	COMMERCIAL REVENUE	-	-	-	-	-	-	0.00%	-
* 4900	OTHER FINANCING SOURCES	-	-	-	-	-	-	0.00%	-
<b>Revenue Total</b>		<b>2,762,340</b>	<b>3,062,717</b>	<b>2,435,349</b>	<b>1,180,706</b>	<b>2,417,741</b>	<b>2,471,075</b>	<b>1.47%</b>	<b>35,726</b>

<b>Water Debt Service Coverage Ratio</b>		<b>2023</b>
* Total Revenue less Other Financing Sources:	2,471,075	*
** Total Expenditure Less Year End Accounting Adjustments & Other Financing Uses:	1,643,365	**
Net Revenue	827,710	
Debt Service Principal	302,018	
	274%	

<b>Breakdown of Totals for WATER Budget Resolution</b>	
Operation and Maintenance (includes Salaries & Compensation and Interest Due on Debt):	1,643,365
Depreciation	548,453
Capital Expense (excl. development)	290,000
<b>Total Water Budget</b>	<b>2,481,818</b>

Cat	Cat Descr	Sum of 2020 Actual	Sum of 2021 Actual	Sum of 2022 Proposed Budget	Sum of 6-30-22 YTD Amount	Sum of Year End Estimates	Sum of 2023 Proposed Budget	% change 2023 Proposed Budget over 2022 Adopted Budget	\$\$ change 2023 Proposed Budget over 2022 Adopted Budget
<b>620 - Sewer Utility</b>									
<b>Expenditure</b>									
5140	ADMINISTRATIVE & GENERAL	14,514	-	-	-	-	-	0.00%	-
5700	CAPITAL EXPENDITURES	-	-	-	-	-	-	0.00%	-
** 5900	OTHER FINANCING USES	-	-	82,893	-	-	64,949	-21.65%	(17,944)
8010	WWTP-TREATMENT/DISPOSAL/GP	472,805	624,312	519,468	273,243	637,950	575,971	10.88%	56,503
8020	LIFT STATIONS/PUMPING EQUIP	28,065	21,591	28,227	10,415	22,777	27,627	-2.13%	(600)
8030	WASTEWATER COLLECTION SYSTEM	135,728	58,734	50,085	6,354	39,134	73,308	46.37%	23,223
8100	DPW	-	1,064	-	-	-	-	0.00%	-
8300	ACCOUNTING/COLLECTING	80,870	82,078	80,865	39,180	80,865	82,365	1.85%	1,500
8400	ADMINISTRATIVE & GENERAL	623,260	554,460	637,277	303,986	572,562	673,016	5.61%	35,739
** 8900	YEAR END ACCOUNTING ADJUSTMENT	726,105	770,341	756,684	-	729,984	729,984	-3.53%	(26,700)
<b>Expenditure Total</b>		<b>2,081,347</b>	<b>2,112,580</b>	<b>2,155,499</b>	<b>633,178</b>	<b>2,083,272</b>	<b>2,227,220</b>	<b>3.33%</b>	<b>71,721</b>
<b>Revenue</b>									
4010	METERED SALES	1,611,089	1,661,439	1,692,000	857,318	1,713,000	1,810,440	7.00%	118,440
4020	OTHER OPERATING REVENUE	277,831	239,038	351,800	132,387	290,800	309,800	-11.94%	(42,000)
4200	SPECIAL ASSESSMENTS	170	65	-	-	-	-	0.00%	-
4420	IMPACT FEES COLLECTED	45,095	50,297	96,000	25,568	40,000	56,000	-41.67%	(40,000)
4700	INTERGOV T CHARGES FOR SERVICE	398	-	-	-	-	-	0.00%	-
4800	MISC REVENUE	89,168	679,078	1,000	24	253	400	-60.00%	(600)
4810	INTEREST REVENUE	37,334	6,921	4,699	10,707	39,098	35,580	657.18%	30,881
4820	COMMERCIAL REVENUE	-	-	-	-	-	-	0.00%	-
* 4900	OTHER FINANCING SOURCES	10,000	10,000	10,000	-	10,000	15,000	50.00%	5,000
<b>Revenue Total</b>		<b>2,071,085</b>	<b>2,646,838</b>	<b>2,155,499</b>	<b>1,026,004</b>	<b>2,093,151</b>	<b>2,227,220</b>	<b>3.33%</b>	<b>71,721</b>

<b>Sewer Debt Service Coverage Ratio</b>		<b>2023</b>
* Total Revenue less Other Financing Sources:		2,212,220 *
** Total Expenditure Less Year End Accounting Adjustments & Other Financing Uses:		1,432,287 **
Net Revenue		779,933
Debt Service Principal		542,983
		144%

<b>Breakdown of Totals for SEWER Budget Resolution</b>		
Operation and Maintenance (includes Salaries & Compensation and Interest Due on Debt):		1,432,287
Depreciation		729,984
Capital Expense (excl. development)		1,500,000
<b>Total Sewer Budget</b>		<b>3,662,271</b>

**VILLAGE OF MUKWONAGO  
WAUKESHA AND WALWORTH COUNTIES**

---

**RESOLUTION 2022-74**

**A RESOLUTION TO SET THE 2023 SCHEDULE OF IMPACT FEES AND  
SEWER CONNECTION FEES  
FOR THE VILLAGE OF MUKWONAGO**

---

**WHEREAS**, section 44.5(e) of the Village code allows for the annual increase of Impact Fees, based on a percentage equal to the percentage increase in the 20 –City Construction Cost Index (CCI) published by the Engineering News Record over the recent 12-month period, and;

**WHEREAS**, the Village code allows the Village Board to limit the increase to a lesser percentage rate than the CCI, and;

**WHEREAS**, the CCI percentage increase is determined to be 5.68%, and;

**WHEREAS**, section 86.240(c) of the Village code allows for an increase to the Sewer Connection Fees, and;

**WHEREAS**, the Village Board wishes to increase the Sewer Connection Fees by 5.68%, and;

**WHEREAS**, the Village Finance Committee has reviewed the 2023 schedule of Impact Fees and Sewer Connection fees and has recommended adoption;

**NOW THEREFORE**, the Village Board of the Village of Mukwonago does hereby establish the following **2023** schedule of Impact Fees and Sewer Connection fees be approved as defined in the attached schedule and be effective on January 1, 2023 and remain in effect until changed by resolution of the Village Board.

Adopted this 21<sup>st</sup> day of December 2022.

\_\_\_\_\_  
Fred H. Winchowky, Village President

Attest: \_\_\_\_\_  
Diana Dykstra, Clerk-Treasurer

## Schedule of 2023 Impact Fees and Sewer Connection Fees

### Residential Development

<b>3+ Bedroom (per unit) Apartment or Condo OR Single Family or Town Home (per unit) regardless of number of bedrooms</b>	
Police	\$337
Fire	\$330
Library	\$1,587
Parks	\$1,301
Water (per REC)	\$2,693
Sewer (per REC)	\$996
Sewer Connection Fee	\$1,975

<b>2 Bedroom (per unit) Apartment or Condo</b>	
Police	\$253
Fire	\$247
Library	\$1,190
Parks	\$975
Water (per REC) .75	\$2,021
Sewer (per REC) .75	\$747
Sewer Connection Fee (per REC) .75	\$1,482

<b>1 Bedroom (per unit) Apartment or Condo</b>	
Police	\$169
Fire	\$165
Library	\$792
Parks	\$651
Water (per REC) .50	\$1,346
Sewer (per REC) .50	\$498
Sewer Connection Fee (per REC) .50	\$988

### Commercial, Institutional & Industrial Development

<b>Industrial Development</b>	
<b>Fee per Square Foot</b>	
Police	\$0.069
Fire	\$0.069
Library	N/A
Parks	N/A
Water (per REC)	\$2,693
Sewer (per REC)	\$996
Sewer Connection Fee (per REC)	\$1,975

<b>Commercial and Institutional Development</b>	
<b>Fee per Square Foot</b>	
Police	\$0.124
Fire	\$0.124
Library	N/A
Parks	N/A
Water (per REC)	\$2,693
Sewer (per REC)	\$996
Sewer Connection Fee (per REC)	\$1,975

## **Vibrant Spaces Grant Overview**

There is a new grant program targeted at placemaking initiatives around the state. This program, a pilot fund within the existing Community Development Investment (CDI) program, will help create vibrant and engaging community spaces with a 1:1 match of \$25,000 to \$50,000.

The new Vibrant Spaces Grant, is designed to assist with creating vibrant and engaging communities that make it easier to recruit and retain residents, sustain a robust labor force and enhance local quality of life. With the help of this grant, public gathering places will foster community connections and provide accessible locations for the programming and amenities local residents desire—with the additional benefit of boosting foot traffic for area businesses.

### **How it works**

Grants in amounts from \$25,000 to \$50,000 are available to help local communities develop and enhance public spaces. The application must come from the municipality, and only one application per municipality will be considered. No more than 30 grants will be awarded.

### **How to qualify**

Competitive projects will:

- Incorporate multiple improvements within or associated with one public space
- Demonstrate community engagement and support via a community document/plan and/or via letters of support from public, private and civic partners
- Be ready to begin construction during 2023
- Increase the number and type of audiences using the space
- Create visible and lasting transformations that foster public activity

### **Review criteria**

Applications will be evaluated based on criteria including:

- Creation of visible and pedestrian-oriented public space
- Potential of the space to attract multiple user groups and activities
- Impact of the project on the community, the district and nearby businesses
- Demonstrated community support for the project (e.g., multiple funding partners, civic organization participation)
- Ability of the project to be started in 2023

**New Program Alert!**

# Vibrant Spaces Grant



## PILOT GRANT TO ASSIST WITH PLACEMAKING EFFORTS

Creating vibrant and engaging communities helps communities recruit and retain residents, sustaining a robust labor force and enhancing the quality of life. Creating public gathering places in the heart of our communities fosters community connections and creates accessible locations for programming and amenities desired by local residents, with the additional benefit of boosting foot traffic for nearby businesses.

If your community has a vacant or underutilized space within a key commercial corridor, this grant could be your opportunity to create a community gathering space.

Competitive projects will:

- » Incorporate multiple improvements within or associated with one public space
- » Demonstrate community engagement and support via a community document/plan and/or letters of support from public, private and civic partners
- » Be ready to begin construction during 2023
- » Increase the number and types of audiences using the space
- » Create visible and lasting transformation that fosters public activity

Review criteria:

- » Creation of visible and pedestrian-oriented public space
- » Potential of the space to attract multiple user groups and activities
- » Impact of the project on the community, district and nearby businesses
- » Demonstrated community support for the project (multiple funding partners, civic organization participation)
- » Ability of the project to be started in 2023



Marshfield



## GRANTS OF

**\$25,000-\$50,000**

**to help local communities develop and enhance public spaces**

## KEY PROGRAM FACTS

- » 1:1 local match required
- » Application deadline:  
Jan. 31, 2023
- » Local government applicants only
- » One application per community
- » Competitive application cycle with up to 30 grants awarded

## PROGRAM TIMELINE





## New Program Alert!

# VIBRANT SPACES GRANT



## APPLICATION PROCESS

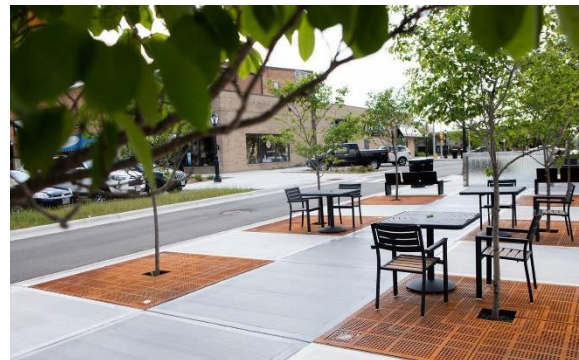
Those interested in applying for the Vibrant Spaces Grant should:

- 1) Talk to your local municipality, since they will need to serve as the lead applicant.
- 2) Attend the informational webinar on Sept. 23 at noon:  
<https://forms.office.com/r/r5mcMhfjj8>
- 3) Reach out to your WEDC regional economic development director for a program application. Map and contact info:  
[wedc.org/inside-wedc/contact-us/#regional](http://wedc.org/inside-wedc/contact-us/#regional)
- 4) Collect relevant documents:
  - a. Municipal resolution to apply
  - b. Community plan, community document and/or letters of support that identify the project as a positive community investment
  - c. Completed budget and cost estimates
  - d. Photos and plans for the space (pictures of the amenities to be installed or project renderings)
- 5) Write a narrative about the space. Who uses it now? What is the vision for the space? How will the district and community benefit from the public space transformation?
- 6) Upload application to Network Wisconsin by Jan. 31, 2023.

The fine print:

- » Eligible activities include:
  - Public space improvements (projects activating alleys, programmable park spaces, vacant parcels and underutilized parking lots)
  - Public space enhancements (e.g., public art, landscaping, benches, bike racks)
  - Public signage (wayfinding, interpretive signage, kiosks associated with the space)
  - Public infrastructure (restrooms, water features, electrical, lighting)
  - Seasonal equipment with the intent to use annually (tables, chairs, umbrellas, heaters)
- » Ineligible activities and costs include:
  - Building improvements, other than restrooms for public space use
  - District- or community-wide improvement projects
  - Events, staffing, programming, ongoing maintenance
  - Private spaces not accessible to the public
  - Activities eligible to be funded through other WEDC programs
  - Ineligible for grant or match: Past costs, in-kind contributions, indirect expenses/soft costs

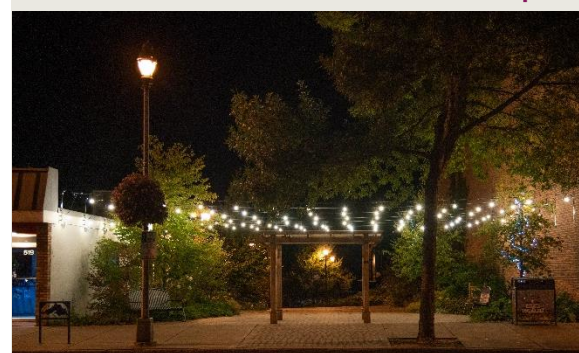
## EXAMPLE PROJECTS



De Pere



Ripon



Ashland



Osceola

## APPLICATION CHECKLIST AND INSTRUCTIONS

### Program Timeline

Application Released	Applications Due	Finalists Selected	Award Announcement
November 15, 2022	January 31, 2023	March 9, 2023	May 1, 2023

### Convenience Copy of Grant Application

A link to the convenience copy of the grant application is found [here](#). **NEED TO DISCUSS WITH BITS**

### Network Wisconsin

Applicants will be required to submit applications through Network Wisconsin. Contact your Regional Economic Development Director to receive a grant application and instructions on how to use Network Wisconsin. WEDC Regional Director map and contact info.: [wedc.org/inside-wedc/contact-us/#regional](http://wedc.org/inside-wedc/contact-us/#regional)

### Project Deliverables

All project contracts will require:

- Completion of the project in 2023
- Photos of the completed project
- WEDC logo on project signage
- Narrative identifying project impact. Including: the increase in the number and type of audiences using the space, impact on nearby businesses, # of events held

### Application Checklist

### FAQ's

- 1) Is a project to build new pickle ball courts eligible? **Answer:** No, because projects must incorporate multiple improvements within or associated with one public space or another way to say this is projects must attract multiple user groups and activities.
- 2) Match sources need to be ID'd at the time of application, but they don't need to be secured until time of draw. WEDC will fund the grant up to the match secured (Pro-rata). **NEED TO DISCUSS WITH OSIP**
- 3) Ongoing maintenance isn't eligible, but we encourage applicants to have a plan to maintain their project/installation to address in their application.
- 4) Project can be located on privately-owned property but does need to be publicly accessible
- 5) What are eligible grant and match activities? Eligible activities include the following:
  - a. Public Space Improvements (projects activating alleys, programmable park spaces, vacant parcels and underutilized parking lots)
  - b. Public Space Enhancements (public art, landscaping, benches, bike racks)
  - c. Public Signage (wayfinding, interpretive signage, kiosks – associated with the space)
  - d. Public Infrastructure (restrooms, water features, electrical, lighting)
  - e. Seasonal Equipment with the intent to use annually (tables, chairs, umbrellas, heaters)
- 6) What are ineligible grant and match activities? Ineligible activities include the following:
  - a. Building improvements (other than restrooms for public space use)
  - b. District- or community-wide improvement projects
  - c. Events, staffing, programming, ongoing maintenance
  - d. Private spaces not open and accessible to the public
  - e. Activities otherwise eligible to be funded through other WEDC programs

**New Program Alert!**

# Vibrant Spaces Grant



## SCORING RUBRIC

Creation of visible and pedestrian-oriented public space	10
Potential of the space to attract multiple user groups and activities	10
Impact of the project on the community, district, and nearby businesses	10
Demonstrated community support for the project (multiple funding partners, civic organization participation). Partnerships and collaboration.	10
Budget and match funding preparedness (ie: detail budget including sources of funds)	10
Total	50

***New Program Alert!***

# Vibrant Spaces Grant



**X**

x

**X**

x

***New Program Alert!***

# Vibrant Spaces Grant



**x**

x

**x**

x

**x**

x

### **DRAFT PROJECT:**

Indian Head Park is a popular eight-acre village park containing a swimming area, family restrooms, extra event restrooms, play structure and an outdoor performance stage with a paved path. There is ample parking available with over 750 parking spaces available within 2,000 feet of the park. The Park is adjacent to Phantom Lake, the Mukwonago River and the village's main street with an average daily traffic count of 5,700 cars (2018) it is located adjacent to TID #4.

The predominate use has been recreation/physical activity in the form of fishing, swimming, walking, and biking. The park has traditionally been used by individuals and single families. In late autumn of 2021, the Village completed an outdoor performance stage for the park and hosted one event in the summer of 2022, which brought hundreds of people from a cross section of the community to the park. A village committee has been established to continue to provide summer entertainment at the outdoor performance stage in 2023 thereby increasing this use of the park.

No lighting within the park creates a safety hazard for pedestrians in the evening events, If the park is to host regularly occurring events, the turf needs to be strengthened, there is a lack of electrical power to the site, more or extended pathways are needed and there is a lack of signage to identify or attract the public to the park and there is no message board to inform the public of upcoming events.

The purpose of the project is to increase community engagement through adding critical infrastructure. The addition of path lighting with auxiliary power, path extensions, landscaping, planting of armored grass, an electronic sign with accompanying message board, benches and picnic tables will offer the community a permanent new venue to gather and enjoy entertainment in the park in a safe, well-lit, and sustainable outdoor environment. The project will transform the current use from a venue that attracts individuals, couples or single-family use to a community gathering space.

### **Planned Improvements:**

\$90,000 for lighting with auxiliary power along the park pathways to provide public safety for evening events

\$18,100 for park benches and picnic tables

\$70,890 for path extensions, landscaping and planting of armored grass

\$75,000 for electronic message center

Total project budget: \$253,990, Committed: \$ 203,990







## Agenda Cover Report

<b>Date:</b> <b>11/29/22</b>	<b>Committee/Board:</b> <b>Health and Recreation Committee</b>
<b>Submitted by:</b> <b>Ron Bittner</b>	<b>Department:</b> <b>Public Works</b>
<b>Date of Committee Action: 12/7/22</b>	<b>Date of Village Board Action: 12/21/22</b>

<b>Subject:</b> Field Park WE Energies service installation agreement
<b>Executive Summary:</b> The LED message sign requires an electric service.
<b>Fiscal Impact:</b> The \$1,081.60 winter installation fee may be reduced by \$177.00 if the installation occurs after March 31.
<b>Executive Recommendation/Action:</b> We are requesting a recommendation to approve the WE Energies service installation agreement for the Field Park LED message center.

☐ **Attachments Included**





November 16, 2022

VILLAGE OF MUKWONAGO  
440 River Crest Ct  
Mukwonago, WI 53149

**THIS LETTER IS YOUR INVOICE FOR ELECTRIC SERVICE**

931 N Rochester St , Mukwonago, WI 53149

Dear VILLAGE OF MUKWONAGO,

With your returned service application, you are on your way to having electric service installed at your location.

Please confirm that the following electric service details are correct. If not, please call me right away.

Type:	New Service	Subdivision:	n/a
Class:	Underground	Lot #:	0
Size:	100 amps	Work Request #:	4821370 (for internal use only)
Voltage:	120/240V-3W		

**Your next steps are to:**

*1. Send in payment for electric service installation.*

- **The cost for electric service installation is: \$1,081.60**
- This includes \$177.00 for installation from December 1 through March 31.
- We must receive your payment and electrical inspection before we can schedule your installation. Please include the service address with your payment, and send it to us in the enclosed envelope.
- In the event we encounter unusual conditions during the installation of your service, there may be additional charges.
- This amount is valid for 90 days from the date of this letter.
- If an additional cost estimate is needed within 12 months, there will be a charge for preparing the new estimate.

*2. Sign and return one of the enclosed sketches:*

- Review, sign and return an enclosed sketch in the envelope provided.
- Draw and label any private underground facilities on the sketch.
- We must receive your approved and signed sketch before step #3 below.

*3. Send or fax the Ready for Service card when the site is ready for electric service installation:*

- Your construction site is ready for service when requirements 1-4 on the *Ready for Service* card are met.
- When we receive your card, we will call you to discuss the installation.

4. Mark private underground facilities.

- Locate and mark (with stakes, spray paint or flags) or expose any customer-owned underground obstructions or facilities.
- If you are not sure what this includes, please call for more information.
- We Energies and/or its agents will not be held responsible for damage to unmarked, private facilities.

**Contact me for all of your electric installation needs.**



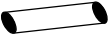

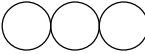
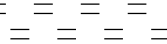

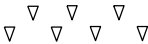

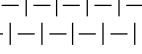

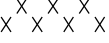
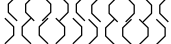
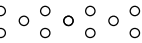


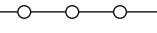


I'm here to make sure your questions are answered and any concerns you have are addressed. On behalf of We Energies, I appreciate the opportunity to serve you and look forward to providing you with safe, reliable and reasonably-priced electricity.

Sincerely,

Lisa Smith  
Energy Services Consultant  
Phone 262-968-5710; Fax 262-968-5714



<div><div>WE ENERGIES - ELECTRIC OPERATIONS</div><div>CLEARANCE NOTES:</div><div>-LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD.</div><div>-MAINTAIN 2' MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE &amp; BELL OF PIPE.</div><div>-THIS APPLIES TO GAS AND WATER MAINS.</div><div>-MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS.</div><div>-MAINTAIN 5' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND SEWER.</div><div>-MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS.</div><div>NOTE - CLEARANCES SHOWN ARE MINIMUM DISTANCES - REFERENCE PERMITS FOR SPECIFIC CLEARANCE REQUIREMENTS. ADDITIONAL UNDERGROUND INFORMATION ON EXCAVATION, BACKFILLING AND CLEARANCES CAN BE FOUND IN STD. 281-02.</div></div>	<div><div>OVERHEAD PRIMARY</div><div>E, F, H, Q, R, W, X or Z</div><div><div>Z1 #2 ACSR</div><div>Z1 #1/0 ACSR</div><div>Z2 #3/0 ACSR</div><div>Z3 #2 ACSR</div><div>Z4 #1/0 ACSR</div><div>Z5 #3/0 ACSR</div><div>Z7 #336 ACSR</div><div>Z9 SPECIAL LIST ON SKETCH</div><div>Z10 1 WIRE REMOVAL</div><div>Z11 2 WIRE REMOVAL</div><div>Z12 3WIRE REMOVAL</div></div><div><div>STANDARD WIRE KEY</div><div>DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z</div><div><div>Z13 #1 AL 25KV</div><div>Z14 #1 AL 25KV</div><div>Z15 #500 AL 28KV</div><div>X16 #2 AL 15KV</div><div>X17 #2 AL 15KV</div><div>X18 #500 AL 15KV</div><div>R19 #1/0 AL 35KV</div><div>R20 #750 AL 35KV</div><div>Z21 #750 AL 28KV</div><div>X22 #2 Cu 15kV</div><div>X23 #2 Cu 15kV</div><div>Z24 #2 Cu 25kV</div><div>Z25 #2 Cu 25kV</div><div>X26 #500 Cu 15kV</div><div>Z27 #500 Cu 28kV</div><div>Z28 #750 Cu 28kV</div><div>Z29 SPECIAL - LIST ON SKETCH</div></div></div></div>			<div><div>NEUTRAL</div><div>N1 #2 ACSR</div><div>N1 #1/0 ACSR</div><div>N2 #3/0 ACSR</div><div>N3 #4/0 AL</div><div>N4 #336 ACSR</div><div>N5 REMOVAL</div><div>GUYING</div><div>G1 1/4" ARM GUY</div><div>G1 5/16" ARM GUY</div><div>G2 3/8" ARM GUY</div><div>G3 5/16" POLE GUY</div><div>G4 3/8" POLE GUY</div><div>G5 7/16" POLE GUY</div></div>	<div><div>SECONDARY - 1PHASE</div><div>S6DX</div><div>S14TX</div><div>S22TX</div><div>S31/0TXR</div><div>S43/0TXR</div><div>S5350TXR</div><div>S6750TXR</div><div>S71/0TXF</div><div>S84/0TXF</div><div>S9336TXR</div><div>S10750TXF</div><div>S113WIREREMOVAL</div><div>S123WIREMAIN</div><div>S146DXCIC</div><div>S151/0TXCIC</div></div>	<div><div>SECONDARY - 3PHASE</div><div>\$1/0TXF</div><div>\$14/0TXF</div><div>\$2336TXF</div><div>\$33/0TX</div><div>\$4350TX</div><div>\$5750TX</div><div>\$61/0QXF</div><div>\$73/0QXF</div><div>\$8350QXR</div><div>\$9750QXR</div><div>\$103WIREREMOVAL</div><div>\$113/0QXR</div><div>\$124WIREREMOVAL</div></div>
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EROSION CONTROL LEGEND	
	APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION
	INLET PROTECTION, TYPE
	12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL
	STONE DITCH CHECK
	ROCK BAG
	MULCH
	SOIL STABILIZER, TYPE B
	EROSION MAT CLASS I, TYPE A
	EROSION MAT CLASS I, TYPE B
	EROSION MAT CLASS I, TYPE A URBAN
	EROSION MAT CLASS I, TYPE B URBAN
	EROSION MAT CLASS II
	EROSION MAT CLASS III
	VEGETATIVE BUFFER
	TRACKING PAD
	TIMBER MAT
	SILT FENCE
	APPROXIMATE DEWATERING BASIN LOCATION
	SURFACE WATER FLOW

## WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)

### General

- If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.

### Erosion Control

- If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented.
- Erosion Control BMR's shall meet or exceed the approved WDNR Storm Watter Management Technical Standards ([http://dnr.wi.gov/topic/stormwater/standards/const\\_standards.html](http://dnr.wi.gov/topic/stormwater/standards/const_standards.html)). Refer to We Energies Construction Site Sediment and Erosion Control Standards.
- Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary.
- When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

### Contaminated Soils

- Whenever soil exhibiting obvious signs of contamination (e.g., discoloration, petroleum or solvent odor, free liquids other than water, buried containers or tanks, or other obvious signs of environmental impacts) is encountered during excavation or installation, cease work immediately, take appropriate immediate precautions to ensure worker health and safety, and contact the Operations Supervisor or Inspector.

### Spills

- If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
  - Any quantity of oil is spilled into surface water;
  - Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
  - Any oil spill containing greater than 500 ppm PCB;
  - Five gallons or more of oil spilled to the ground;
  - Any oil spill involving a police department, fire department, DNR, or concerned property owner.

### Notes 8 through 27 apply as noted at speciflc points withln each work request:

### Dewatering

- Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

### Wetlands

- As much as practicable, the majorityof the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
- All work shall be conducted to minimize soil disturance. No rutting will be allowed within the wetlands.
- If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
- Excavated soils cannot be stockpiled in wetlands.

- All excess spoils shall be removed from wetlands and placed in a suitable upland location.
- Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
- Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.

### Waterways

- No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
- No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
- Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

### Threatened and Endangered Species

- Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
- In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
- Exclusion fencing must be installed at the work area prior to March 15.
- A qualified biologist must be present when conducting work at this location.

### Invasive Species

- State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Rights-of Way Best Management Practices should be followed: (<http://council.wisconsinforestry.org/invasives/transportation/>).

### Cultural and Historical Resources, cont.

- The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
- If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
- A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

### Frac-out Contingency Plan

- A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components.
  - Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately.
  - Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.
  - A vac truck shall be accessible on short notice in order to respond quickly to a frac-out.



## Application for Temporary Class "B" / "Class B" Retailer's License

*See Additional Information on reverse side. Contact the municipal clerk if you have questions.*

FEE \$ 10.00

Application Date: 11/20/23  
County of Waukesha

☐ Town ☒ Village ☐ City of MUKWONGA

The named organization applies for: (check appropriate box(es).)

- ☒ A Temporary Class "B" license to sell fermented malt beverages at picnics or similar gatherings under s. 125.26(6), Wis. Stats.
- ☐ A Temporary "Class B" license to sell wine at picnics or similar gatherings under s. 125.51(10), Wis. Stats.

at the premises described below during a special event beginning Feb 11, 2021 and ending Feb. 11, 2023 and agrees to comply with all laws, resolutions, ordinances and regulations (state, federal or local) affecting the sale of fermented malt beverages and/or wine if the license is granted.

**1. Organization** (check appropriate box) →

- ☒ Bona fide Club      ☐ Church      ☐ Lodge/Society  
☐ Veteran's Organization      ☐ Fair Association or Agricultural Society  
☐ Chamber of Commerce or similar Civic or Trade Organization organized under ch. 181, Wis. Stats.      # 7066

(a) Name KNIGHTS OF COLUMBUS # 1098

(b) Address VETERANS WAY MUKWONGO, WI  
(Street) ☐ Town ☒ Village ☐ City

(c) Date organized 1978

(d) If corporation, give date of incorporation 1980

(e) If the named organization is not required to hold a Wisconsin seller's permit pursuant to s. 77.54 (7m), Wis. Stats., check this box: ☒

(f) Names and addresses of all officers:

President BaB Lapsynshi Mukwonggo, WI

Vice President Paul Brecken

Secretary PAT Miley Waukesha, WI

Treasurer DAVID JUNGREN NORTH PRINCIE WP

(g) Name and address of manager or person in charge of affair:

DAN BROWN + RRR MCKINLEY WP

**2. Location of Premises Where Beer and/or Wine Will Be Sold, Served, Consumed, or Stored, and Areas Where Alcohol Beverage Records Will be Stored:**

(a) Street number Veterans Way 830 East

(b) Lot	Block
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
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99	1
100	1

(c) Do premises occupy all or part of building? St James Activity Center

(d) If part of building, describe fully all premises covered under this application, which floor or floors, or room or rooms, license is to cover:

### 3. Name of Event

(a) List name of the event CARD PARTY

(b) Dates of event Feb. 11, 2023

## DECLARATION

An officer of the organization, declares under penalties of law that the information provided in this application is true and correct to the best of his/her knowledge and belief. Any person who knowingly provides materially false information in an application for a license may be required to forfeit not more than \$1,000.

Officer [Signature]  
(Signature / Date)

KOSC INC.  
(Name of Organization)

Date Filed with Clerk 11/14/2022

Date Reported to Council or Board \_\_\_\_\_

Date Granted by Council

License No. \_\_\_\_\_

## Application for Temporary Class "B" / "Class B" Retailer's License

See Additional Information on reverse side. Contact the municipal clerk if you have questions.

FEE \$ 10.00

Application Date: 11/10/22

☐ Town ☒ Village ☐ City of MUKWONGO

County of \_\_\_\_\_

The named organization applies for: (check appropriate box(es).)

- ☒ A Temporary Class "B" license to sell fermented malt beverages at picnics or similar gatherings under s. 125.26(6), Wis. Stats.  
☒ A Temporary "Class B" license to sell wine at picnics or similar gatherings under s. 125.51(10), Wis. Stats.

at the premises described below during a special event beginning Feb 18, 2023 and ending Feb 18, 2023 and agrees to comply with all laws, resolutions, ordinances and regulations (state, federal or local) affecting the sale of fermented malt beverages and/or wine if the license is granted.

### 1. Organization (check appropriate box) →

- ☒ Bona fide Club ☐ Church ☐ Lodge/Society  
☐ Veteran's Organization ☐ Fair Association or Agricultural Society  
☐ Chamber of Commerce or similar Civic or Trade Organization organized under ch. 181, Wis. Stats.

(a) Name KNIGHTS OF COLUMBUS #7048  
(b) Address VETERANS WAY MUKWONGO WI  
(Street) ☐ Town ☒ Village ☐ City

(c) Date organized 1978  
(d) If corporation, give date of incorporation 1980  
(e) If the named organization is not required to hold a Wisconsin seller's permit pursuant to s. 77.54 (7m), Wis. Stats., check this box: ☒

(f) Names and addresses of all officers:  
President BOB LAPCYNYSKE MUKWONGO WI  
Vice President PAUL BREYER "  
Secretary TAT MILEY WAUKESHA WI  
Treasurer DAVE JANGEN NORTH PRAIRIE WI

(g) Name and address of manager or person in charge of affair:  
DAN REIDEL MUKWONGO, WI

### 2. Location of Premises Where Beer and/or Wine Will Be Sold, Served, Consumed, or Stored, and Areas Where Alcohol Beverage Records Will be Stored:

(a) Street number VETERANS WAY 830 EAST  
(b) Lot \_\_\_\_\_ Block \_\_\_\_\_  
(c) Do premises occupy all or part of building? \_\_\_\_\_  
(d) If part of building, describe fully all premises covered under this application, which floor or floors, or room or rooms, license is to cover: ST. JAMES ACTIVITY CENTER

### 3. Name of Event

(a) List name of the event FAMILY SOCK HOP  
(b) Dates of event FEB, 18, 2023

### DECLARATION

An officer of the organization, declares under penalties of law that the information provided in this application is true and correct to the best of his/her knowledge and belief. Any person who knowingly provides materially false information in an application for a license may be required to forfeit not more than \$1,000.

Officer [Signature]  
(Signature / Date)

K of C. DMC  
(Name of Organization)

Date Filed with Clerk 11/14/2022

Date Reported to Council or Board \_\_\_\_\_

Date Granted by Council \_\_\_\_\_

License No. \_\_\_\_\_



## Application for Temporary Class "B" / "Class B" Retailer's License

See Additional Information on reverse side. Contact the municipal clerk if you have questions.

FEE \$ 10.00

Application Date: 11/10/2022

☐ Town ☒ Village ☐ City of MUKWONGO

County of WAUKESHA

The named organization applies for: (check appropriate box(es).)

- ☒ A Temporary Class "B" license to sell fermented malt beverages at picnics or similar gatherings under s. 125.26(6), Wis. Stats.  
☐ A Temporary "Class B" license to sell wine at picnics or similar gatherings under s. 125.51(10), Wis. Stats.

at the premises described below during a special event beginning JAN. 21, 2023 and ending JAN. 22, 2023 and agrees to comply with all laws, resolutions, ordinances and regulations (state, federal or local) affecting the sale of fermented malt beverages and/or wine if the license is granted.

### 1. Organization (check appropriate box) →

- ☒ Bona fide Club ☐ Church ☒ Lodge/Society  
☐ Veteran's Organization ☐ Fair Association or Agricultural Society  
☐ Chamber of Commerce or similar Civic or Trade Organization organized under ch. 181, Wis. Stats.

(a) Name KNIGHTS OF COLUMBUS # 7048

(b) Address VETERANS WAY MUKWONGO WI  
(Street) ☐ Town ☒ Village ☐ City

(c) Date organized 1978

(d) If corporation, give date of incorporation 1990

(e) If the named organization is not required to hold a Wisconsin seller's permit pursuant to s. 77.54 (7m), Wis. Stats., check this box: ☒

(f) Names and addresses of all officers:

President BOB LUPCZYWSKI MUKWONGO WI  
Vice President PAUL BANYER MUKWONGO WI  
Secretary PAT MILY WAUKESHA WI  
Treasurer DAVE JUNGWEN NORTH FRAIRIE WI

(g) Name and address of manager or person in charge of affair: RANDY LARUE MUKWONGO, WI

### 2. Location of Premises Where Beer and/or Wine Will Be Sold, Served, Consumed, or Stored, and Areas Where Alcohol Beverage Records Will be Stored:

(a) Street number ST. JAMES ACTIVITY CENTER 830 E VETERANS WAY

(b) Lot \_\_\_\_\_ Block \_\_\_\_\_

(c) Do premises occupy all or part of building? \_\_\_\_\_

(d) If part of building, describe fully all premises covered under this application, which floor or floors, or room or rooms, license is to cover: ACTIVITY CENTER

### 3. Name of Event

(a) List name of the event BEAN BAG TOURNAMENT

(b) Dates of event 1-21-20 1-22

### DECLARATION

An officer of the organization, declares under penalties of law that the information provided in this application is true and correct to the best of his/her knowledge and belief. Any person who knowingly provides materially false information in an application for a license may be required to forfeit not more than \$1,000.

Officer [Signature]  
(Signature / Date)

KOCL INC  
(Name of Organization)

Date Filed with Clerk 11/14/2022

Date Reported to Council or Board \_\_\_\_\_

Date Granted by Council \_\_\_\_\_

License No. \_\_\_\_\_

# Renewal Alcohol Beverage License Application

(Submit to municipal clerk. Read instructions on page 3.)

For the license period beginning: 07 01 2022 ending: 06 30 2023  
(mm dd yyyy) (mm dd yyyy)

To the Governing Body of the: ☐ Town of ☒ Village of Mukwonago  
☐ City of

County of Waukesha Aldermanic Dist. No. N/A  
(if required by ordinance)

Check one: ☐ Individual ☒ Limited Liability Company  
☐ Partnership ☐ Corporation/Nonprofit Organization

Complete A or B. All must complete C.

## A. Individual or Partnership:

Full Name (Last)	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Full Name (Last)	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Full Name (Last)	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)

## B. LLC or Corporation (and Agent):

Full Legal Name of Corporation / Nonprofit Organization / Limited Liability Company	Address of Corporation / Limited Liability Company (if different from licensed premises)
Ultra Mart Foods, LLC	Kroger BL PO BOX 305103, Nashville, TN 37230

All corporations/organizations or limited liability companies applying for a license to sell fermented malt beverages and/or intoxicating liquor must appoint an agent.

Agent Last Name	(First)	(Middle Name)
Glaser	Todd	

## All Officer(s) Director(s) of Corporation and Members / Manager

President / Member Last Name	(First)	(Middle Name)	
Wheatley	Christine	S.	OH 45220
Vice President / Member Last Name	(First)	(Middle Name)	
Fedder	Ann	M.	005
Secretary / Member Last Name	(First)	(Middle Name)	
Roberts	Dorothy	D.	i, OH
Treasurer / Member Last Name	(First)	(Middle Name)	
Fike	Carin	L.	43
Directors / Managers Last Name	(First)	(Middle Name)	
Bradley	Joseph	W.	
Directors / Managers Last Name	(First)	(Middle Name)	
Please See Attached	For All	Officers	

## C. Business Information

- Trade Name Metro Market #1384 Business Phone Number 262-363-3026
- Address of Premises 1010 N. Rochester Street Post Office & Zip Code Mukwonago, WI 53149
- Does the applicant understand that they must purchase alcohol beverages only from Wisconsin wholesalers, breweries and brewpubs? Yes ☒ No ☐
- Premises description: Describe building or buildings where alcohol beverages are to be sold and stored. The applicant must include all rooms including living quarters, if used, for the sales, service, consumption, and/or storage of alcohol beverages and records. (Alcohol beverages may be sold and stored only on the premises described.)  
1 story retail, grocery & liquor; in exterior parking stalls designated for pick-up service for alcohol sold through the online clicklist service.

Applicant's Wisconsin Seller's Permit Number 456-0002831081-06	
FEIN Number 39-6043054	
TYPE OF LICENSE REQUESTED	FEE
<input checked="" type="checkbox"/> Class A beer	\$
<input type="checkbox"/> Class B beer	\$
<input type="checkbox"/> Class C wine	\$
<input checked="" type="checkbox"/> Class A liquor	\$
<input type="checkbox"/> Class A liquor (cider only)	\$ N/A
<input type="checkbox"/> Class B liquor	\$
<input type="checkbox"/> Reserve Class B liquor	\$
<input type="checkbox"/> Class B (wine only) winery	\$
Publication fee	\$
<b>TOTAL FEE</b>	<b>\$ 825</b>



5. Legal description (omit if street address is given on previous page): \_\_\_\_\_

6. a. Since filing of the last application, has the named licensee, any member of a partnership licensee, or any member, officer, director, manager or agent for either a limited liability company licensee, or nonprofit organization licensee been **convicted of any offenses** (excluding traffic offenses not related to alcohol) for violation of any federal laws, any Wisconsin laws, any laws of other states, or ordinances of any county or municipality? **If yes, complete page 3** ..... ☐ Yes ☒ No

b. Are **charges for any offenses** presently **pending** (excluding traffic offenses not related to alcohol) against the named licensee or any other persons affiliated with this license? **If yes, explain fully on page 3.** ..... ☐ Yes ☒ No

7. Except for questions 6a and 6b, have there been any changes in the answers to the questions as submitted by you on your last application for this license? **If yes, explain** ..... ☐ Yes ☒ No

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Was the profit or loss from the sale of alcohol beverages for the previous year reported on the Wisconsin Income or Franchise Tax return of the licensee? **If not, explain** ..... ☒ Yes ☐ No

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9. Does the applicant understand they must hold a Wisconsin Seller's Permit? ..... ☒ Yes ☐ No  
[phone (608) 266-2776]

10. Does the applicant understand that alcohol beverage invoices must be kept at the licensed premises for 2 years from the date of invoice and made available for inspection by law enforcement? ..... ☒ Yes ☐ No

11. Is the applicant indebted to any wholesaler beyond 15 days for beer or 30 days for liquor? ..... ☐ Yes ☒ No

12. Does the applicant owe municipal property taxes, assessments, or other fees? ..... ☐ Yes ☒ No  
(Note: Renewal of licenses may be denied pursuant to a local ordinance, if the licensee owes municipal taxes, assessments or other fees).

**READ CAREFULLY BEFORE SIGNING:** Under penalty provided by law, the undersigned states that each of the above questions has been truthfully answered to the best of the knowledge of the signer. The signer agrees that he/she is the person named in the foregoing application; that the applicant has read and made a complete answer to each question, and that the answers in each instance are true and correct. The undersigned further understands that any license issued contrary to Chapter 125 of the Wisconsin Statutes shall be void, and under penalty of state law, the applicant may be prosecuted for submitting false statements and affidavits in connection with this application. Any person who knowingly provides materially false information on this application may be required to forfeit not more than \$1,000.

Contact Person's Name (Last, First, M.I.) Ann Fedder	Title / Member Vice President	Date 11/26/2022
Signature Ann Fedder Roundys VP	Phone Number [REDACTED]	Email Address

**TO BE COMPLETED BY CLERK**

Date received and filed with municipal clerk	Date reported to council / board	Date license granted
License number issued	Date license issued	Signature of Clerk / Deputy Clerk



## Agenda Item Cover Report

<b>Date:</b>	<b>Committee/Board:</b>
<b>Submitted by:</b>	<b>Department:</b>
<b>Date of Committee Action:</b>	<b>Date of Village Board Action:</b>

<b>Subject:</b>
<b>Executive Summary:</b>
<b>Fiscal Impact:</b>
<b>Executive Recommendation/Action:</b>

☐ Attachments Included



## Agenda Item Cover Report

<b>Date:</b>	<b>Committee/Board:</b>
<b>Submitted by:</b>	<b>Department:</b>
<b>Date of Committee Action:</b>	<b>Date of Village Board Action:</b>

<b>Subject:</b>
<b>Executive Summary:</b>
<b>Fiscal Impact:</b>
<b>Executive Recommendation/Action:</b>

☐ Attachments Included

First year Sergeants are considered to be on probation and may be returned to Patrolman status without retribution.

Employees who use their personal car for Department business shall be reimbursed at the current IRS rate. If a department vehicle is available and the employee chooses to use their personal vehicle, they will not be reimbursed for travel.

## **ARTICLE 5**

### **VACATIONS**

All regular, full-time members of the bargaining unit shall be granted vacations with pay as follows:

After one (1) year of service	5 working days
After two (2) years of service	10 working days
After five (5) years of service	15 working days
After ten (10) years of service	20 working days
After fifteen (15) years of service	25 working days

To qualify for vacation, the member of the bargaining unit must be full-time and services must be continuous through the prior year except for absences for vacation, holiday, illness, injury or bereavement leave. An employee may elect to relinquish up to three (3) days of vacation enumerated, and may receive in lieu thereof, a full day's pay at the officer's straight time regular pay rate. In order to be eligible for this option, the officer must notify the Chief by the end of November of their election. Payment for relinquished vacation days under this provision shall be made in the next payroll after the first December Village Board meeting.

A new officer hired who has at least ten (10) years' experience as a full-time certified law enforcement officer may be given up to two (2) weeks of vacation at hiring with the approval of the Police Chief and the Personnel Committee.

Vacation selection shall be taken in order of job classification and seniority in the classification. Sergeants will select first, followed by Police Officers. An employee may select up to three (3) weeks of vacation days as follows: two (2) weeks in one (1) week blocks and one (1) week in single days. Employees shall make their selections for the following year by the following dates:

Senior Sergeant can select vacation days for the following year by December 3 as follows: up to three (3) weeks of vacation days with up to two (2) weeks in one (1) week blocks and one (1) week in single days;

The next senior employee can select vacation days for the following year by December 6 as follows: up to three (3) weeks of vacation days with up to two (2) weeks in one (1) week blocks and one (1) week in single days;

The next senior employee can select vacation days for the following year by December 9 as follows: up to three (3) weeks with up to two (2) weeks in one (1) week blocks and one (1) week in single days. The order of vacation selection will continue by seniority and each person will have a time limit of three days to make his/her selection.

After all officers have made their selections, any vacation day(s) remaining will be on a first come, first serve basis and once approved by a supervisor, the days cannot be challenged.

Payment may not be taken in lieu of vacation, except as previously described in this Article.

**VILLAGE OF MUKWONAGO  
WAUKESHA AND WALWORTH COUNTIES**

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**RESOLUTION 2022-71**

**A RESOLUTION TO ADOPT SALARY AND WAGE SCHEDULES FOR  
NON-REPRESENTED FULL-TIME AND PART-TIME EMPLOYEES**

---

**WHEREAS**, the Village of Mukwonago Board adopted the 2023 Village Budget on November 16, 2022; and,

**WHEREAS**, the Budget included the following salary and hourly ranges for non-represented full-time and part-time employees for the calendar year 2023; and:

**1. Full-time Positions**

**A. Salaried**

Administrator	\$96,865	-	\$130,767
Fire Chief	\$88,470	-	\$119,434
Police Chief	\$88,470	-	\$119,434
Assistant Police Chief	\$88,470	-	\$119,434
Finance Director	\$80,426	-	\$108,576
Police Lieutenant	\$80,426	-	\$108,576
Public Works Director	\$80,426	-	\$108,576
Utilities Director	\$80,426	-	\$108,576
Community Planner	\$68,904	-	\$93,019
Clerk-Treasurer	\$68,904	-	\$93,019
Lead Building Inspector	\$62,639	-	\$84,563
Building Inspector	\$56,944	-	\$76,875

**B. Hourly**

Lead Police Dispatcher/Clerk	\$30.11	-	\$40.66
Lead Utilities Operator	\$30.11	-	\$40.66
Public Works Crew Supervisor	\$30.11	-	\$40.66
Accountant	\$27.38	-	\$36.96
Public Works Crew Mechanic	\$27.38	-	\$36.96
Utilities Operator	\$27.38	-	\$36.96
Deputy Clerk/Treasurer	\$22.83	-	\$30.82
Police Dispatcher/Clerk	\$22.83	-	\$30.82
Public Works Crewperson	\$22.83	-	\$30.82
Administrative Clerk/Payroll Specialist	\$21.24	-	\$28.67
Administrative Clerk/Building Support Specialist	\$21.24	-	\$28.67

## 2. Part-time Positions

### A. Salaried

Municipal Judge	\$14,795
Village President	\$7,200
Village Trustee	\$4,200

### B. Hourly

Accountant I	\$27.38	-	\$36.96
Court Clerk - I	\$21.24	-	\$28.67
Administrative Clerk	\$19.76	-	\$26.67
Economic Development Intern	\$15.00	-	\$15.00
Building Codes Official	\$27.38	-	\$36.96
Firefighter/EMT Incident and Training POP	\$16.00	-	\$25.00
Firefighter/EMT Incident and Training POC	\$14.50	-	\$22.50
Firefighter Cadet	-	-	\$7.50
Office Assistant	\$11.93	-	\$17.90
Relief Snowplow Operator	-	-	\$23.85
Public Works Crewperson	\$16.69	-	\$23.85
Public Works Seasonal Help	\$10.31	-	\$17.18
Utilities Summer Help	\$10.31	-	\$17.18
Crossing Guard	\$13.04	-	\$14.89
Police Reserves	-	-	\$14.89
Chief Election Inspector	-	-	\$12.00
Assistant Election Inspector	-	-	\$11.00
Election Inspector	-	-	\$10.00

**WHEREAS**, the Personnel Committee reviewed this resolution on December 7, 2022 and recommended adoption.

**THEREFORE, BE IT RESOLVED**, this Resolution shall supersede and repeal any and all resolutions relating to the same subject matter previously adopted, and,

**BE IT FURTHER RESOLVED**, the terms of this Resolution shall take effect on the 1<sup>st</sup> day of January 2023 for the 2023 Fiscal Year.

**ADOPTED** this 21st day of December 2022.

---

Fred Winchowky, Village President

Attest:

---

Diana Dykstra, Clerk-Treasurer

**VILLAGE OF MUKWONAGO  
WAUKESHA AND WALWORTH COUNTIES**

---

**RESOLUTION 2022-72**

**A RESOLUTION AUTHORIZING ANNUAL STIPENDS FOR  
THE ASSISTANT FIRE CHIEF AND DEPUTY FIRE CHIEF**

---

**WHEREAS**, the Village Board adopted the 2022 Village Budget on November 16, 2022; and,

**WHEREAS**, the Protective Services Committee had previously recommended Annual Stipends for the Assistant Fire Chief and Deputy Fire Chief due to mandated increased responsibilities and duties,

**WHEREAS**, the Fire Chief has requested the continuation of these stipends and included them in the 2023 Fire Department budget.

**NOW, THEREFORE, BE IT RESOLVED** by the Village of Mukwonago Village Board, that:

1. For the year 2023, the Assistant Fire Chief and One Deputy Fire Chief shall receive a \$3,000 Annual Stipend, to be allocated among 26 pay periods, conditional upon the Town of Mukwonago's adoption of the same.
2. This Resolution shall be in full force and affect only upon adoption of these Stipends by the Town of Mukwonago.

**ADOPTED** this 21<sup>st</sup> day of December 2022.

\_\_\_\_\_  
Fred Winchowky, Village President

Attest:

\_\_\_\_\_  
Diana Dykstra, Clerk-Treasurer



November 29, 2022

Mr. Fred Winchowky  
Village President  
Village of Mukwonago  
440 River Crest Court  
Mukwonago, WI 53149

Re: Minor's 4 – Phase 2  
Recommendation of Sewer & Water Acceptance

Dear President Winchowky:

We have received a request from the Developer of this project to have the public sanitary sewer and water accepted for Phase 2 of this Development. In November 2021, the Phase 1 sanitary sewer and water was accepted but the Phase 2 sewer and water was not since the roadway was not yet paved. The Developer completed the binder asphalt paving of Phase 2 this year and completed all necessary adjustments to utilities. There is a small punch list that is currently being worked on and is anticipated to be completed prior to December 7, 2022. We, therefore, recommend the following to you and the Village Board contingent on the completion of the punch list that is attached to this letter:

- Acceptance of the Phase 2 Public Water Main Infrastructure.
- Acceptance of the Phase 2 Public Sanitary Sewer Infrastructure.

Since the Phase 2 utilities were installed at the same time as Phase 1, the attached lien waiver that was used for Phase 1 Acceptance was resubmitted for Phase 2 Acceptance. Based on the scope of work and payment applications with the Contractor, we feel that this is acceptable. Also attached to this letter is the valuation of the developer's contributions to the Village for the public infrastructure – the sewer and water items are highlighted.

If you or any staff or board member should have any questions regarding this, please feel free to contact me at (262) 542-5733.

Respectfully,

RUEKERT & MIELKE, INC.



Peter W. Gesch, P.E. (WI)  
Project Engineer  
[pgesch@ruekert-mielke.com](mailto:pgesch@ruekert-mielke.com)

PWG:pwg  
Enclosure(s)

cc: Diana Dykstra, Village of Mukwonago  
Diana Doherty, Village of Mukwonago  
Linda Gourdoux, Village of Mukwonago  
Fred Schnook, Village of Mukwonago  
Tim Rutenbeck, Village of Mukwonago  
Nathan Bayer, Village of Mukwonago  
Wayne Castle, Village of Mukwonago  
Ron Bittner, Village of Mukwonago  
Tim Schwecke, Village of Mukwonago  
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.

November 10, 2022

Mr. Joe Bukovich, P.E.  
Vice President Development  
Point Real Estate  
19000 W. Bluemound Road  
Brookfield, WI 53045

Re: Minor's Estates 4 – Phase 2  
Punch List #1

Dear Mr. Bukovich:

In accordance with your request to accept the public water infrastructure and public sanitary infrastructure in Phase 2 of the Minor's Estates 4 Development, we conducted a punch list inspection with the Village Utilities Department on Wednesday, November 9, 2022. Below is a list of the items that need to be addressed:

1. Lot #7 Curb Stop Box – clean out and straighten the entire curb stop box.
2. Lot #18 Curb Stop Box – clean out curb stop box. The box has sand and grit stuck to the side and on the bottom that could potentially cause a problem in the future.

If you should have any questions regarding this, please feel free to contact me at (262) 542-5733.

Respectfully,

RUEKERT & MIELKE, INC.



Peter W. Gesch, P.E. (WI)  
Project Engineer  
[pgesch@ruekert-mielke.com](mailto:pgesch@ruekert-mielke.com)

PWG:pwg

cc: Fred Schnook, Village of Mukwonago  
Diana Dykstra, Village of Mukwonago  
Tim Rutenbeck, Village of Mukwonago  
Wayne Castle, Village of Mukwonago  
Ron Bittner, Village of Mukwonago  
Tim Schwecke, Village of Mukwonago  
Village of Mukwonago Utilities  
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.



HOMES • LAND • INVESTMENTS

November 4, 2022

Diana Dykstra  
Village of Mukwonago Clerk-Treasurer  
440 River Crest Court  
Mukwonago, WI 53149

RE: Minors Estates Phase 2 Sanitary Sewer and Watermain Acceptance Request

Dear Ms. Dykstra:

On behalf of Minors Estates Investments LLC, please accept this request for the Village Engineer to inspect the completed improvements in Minor's Estates Phase 2 and provide a recommendation to the Village Board to accept the sanitary sewer and watermain.

Upon completion of any punch list items from the Village Engineer, please include the sanitary sewer and watermain acceptance on the December Committee of the Whole and Village Board agendas for review and action. If you have any questions or concerns regarding this request, please call me at (262) 424-5997. Thank you for your assistance with this request.

Respectfully Submitted,

A handwritten signature in blue ink that reads "Joseph A. Bukovich".

Joseph A. Bukovich, P.E.  
Owner's Authorized Representative

Enclosures

Cc: Jerad Wegner, Ruekert & Mielke  
Peter Gesch, Ruekert & Mielke

[https://mlgcompanies.sharepoint.com/sites/MLGFiles/Projects/Mukwonago - Minor's Estates/Village Correspondence/Dykstra Minors Estates Ph. 2 Sanitary & Watermain Acceptance Request 11-4-22.docx](https://mlgcompanies.sharepoint.com/sites/MLGFiles/Projects/Mukwonago-Minor's%20Estates/Village%20Correspondence/Dykstra%20Minors%20Estates%20Ph.2%20Sanitary%20&%20Watermain%20Acceptance%20Request%2011-4-22.docx)

**UNCONDITIONAL WAIVER AND RELEASE  
UPON PROGRESS PAYMENT**

The undersigned has been paid in full for all labor, services, equipment or material furnished to

Minor's Estates Investments LLC on the job of Minor's Estates  
(Owner) (Name)

located at: Minor's Estates, Mukwonago, WI  
(Job Description)

and does hereby release any mechanic's lien, stop notice, or any bond right that the undersigned has on the above referenced job to the following extent. This release covers a progress for labor, services, equipment, or materials, furnished to owner through Pay App #5 thru 10/30/21 only, and does not  
(Date/Invoice or Pay Application #)

~~cover any retentions retained before or after the release date; extras furnished before the release date for which payment has not been received; extras or items furnished after the release date. Rights based upon work performed or items furnished under a written change order which has been fully executed by the parties prior to the release date are covered by this release unless specifically reserved by the claimant in this release. This release of any mechanic's lien, stop notice, or bond right shall not otherwise affect the contract rights, including rights between parties to the contract based upon rescission, abandonment, or breach of the contract, or the right of the undersigned to recover compensation for furnished labor, services equipment, or material covered by this release if that furnished labor, services, equipment, or material was not compensated by the progress payment.~~

**NOTICE: This document waives rights unconditionally and states that you have been paid for giving up those rights. This document is enforceable against you if you sign it, even if you have not been paid. If you have not been paid, use the conditional release form.**

Company: D.F. Tomasini Contractors, Inc.  
(Company Name)

By:  Date: 10/14/2021  
(Signature)

Kirk Dexheimer, President  
(Name and Title)

# APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF 2

## TO OWNER:

Minor's Estates Investments LLC  
190000 Bluemound Road  
Brookfield, WI 53045

## PROJECT:

Minor's Estates  
Mukwonago, WI

## FROM CONTRACTOR:

D.F. Tomasini Contractors, Inc.  
N70 W25176 Indian Grass Lane  
Sussex, WI 53089

## VIA ARCHITECT:

Lynch & Associates  
5482 S Westridge Drive  
New Berlin, WI 53151

## APPLICATION NO:

5

Distribution to:

## PERIOD TO:

10/30/21

## PROJECT NOS:

DFT #2188

## CONTRACT FOR: Site Improvements

## CONTRACT DATE:

4/1/2021

## 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 \$ 1,672,829.12
2. Net change by Change Orders \$ 12,419.96
3. CONTRACT SUM TO DATE (Line 1 + 2) \$ 1,685,249.08
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 1,627,436.08

## 5. RETAINAGE:

- a. % of Completed Work (Column D + E on G703) \$ 81,371.80
- b. % of Stored Material (Column F on G703) \$ 0.00

Total Retainage (Lines 5a + 5b or

6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total) \$ 81,371.80

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) \$ 1,437,543.33

8. CURRENT PAYMENT DUE \$ 108,520.95

9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6) \$ 139,184.80

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$12,419.96	
Total approved this Month	\$0.00	
TOTALS	\$12,419.96	\$0.00
NET CHANGES by Change Order	\$12,419.96	

CONTRACTOR: D.F. TOMASINI CONTRACTORS, INC.

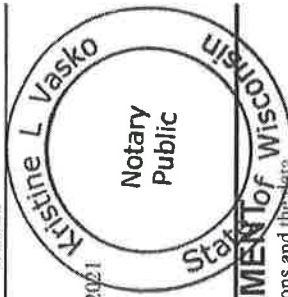
By: Kirk Dexheimer, President Date: 10/14/21

State of: Wisconsin County of: Waukesha

Subscribed and sworn to before me this 14th day of October, 2021

Notary Public: Kristine L. Vasko

My Commission expires: 09/25/24



## ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and 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.

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.

## AIA DOCUMENT G703

2 of 2

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

[illegible]

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



MINOR'S ESTATES, DFT #2188													
MUKWONAGO													
ORG	QTY	COMPL	QTY	COMPL	QTY	COMPL	QTY	COMPL	QTY	COMPL	QTY	TOTAL	QTY
5/31/21	6/30/21	7/30/21	8/31/21	10/30/21	10/30/21	10/30/21	10/30/21	10/30/21	10/30/21	10/30/21	10/30/21	10/30/21	10/30/21
160	0	160	0	0	0	0	0	0	0	0	0	0	0
1,780	0	1,780	0	0	0	0	0	0	0	0	0	0	0
1,267	0	1,267	0	0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0	0	0	0	0
6	0	6	0	0	0	0	0	0	0	0	0	0	0
2	0	2	0	0	0	0	0	0	0	0	0	0	0
6	0	6	0	0	0	0	0	0	0	0	0	0	0
8	0	8	0	0	0	0	0	0	0	0	0	0	0
1,247	1,247	0	0	0	0	0	0	0	0	0	0	0	0
1,781	1,781	0	0	0	0	0	0	0	0	0	0	0	0
10	0	9	1	0	0	0	0	0	0	0	0	0	0
11	0	10	1	0	0	0	0	0	0	0	0	0	0
142	0	127	15	0	0	0	0	0	0	0	0	0	0
1,364	0	1,227	137	0	0	0	0	0	0	0	0	0	0
2,040	0	0	2,040	0	0	0	0	0	0	0	0	0	0
1,950	0	0	1,950	0	0	0	0	0	0	0	0	0	0
7,660	0	0	0	0	0	0	0	0	0	0	0	0	0
7,660	0	0	0	7,660	0	0	0	0	0	0	0	0	0
4,080	0	0	4,080	0	0	0	0	0	0	0	0	0	0
4,015	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	64	0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0	0	0	0	0
1	0.6	0.2	0.17	0.02	0.01	0	0	0	0	0	0	0	0
1	0.3	0	0.6	0	0.10	0	0	0	0	0	0	0	0
14	14	0	0	0	0	0	0	0	0	0	0	0	0
2,268	2,268	0	0	0	0	0	0	0	0	0	0	0	0
4,333	0	0	0	4,333	0	0	0	0	0	0	0	0	0
21	0	0	0	21	0	0	0	0	0	0	0	0	0
990	0	990	0	0	0	0	0	0	0	0	0	0	0
741	0	741	0	0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0	0	0	0	0
2	0	2	0	0	0	0	0	0	0	0	0	0	0
2	2	0	0	0	0	0	0	0	0	0	0	0	0
731	731	0	0	0	0	0	0	0	0	0	0	0	0
797	797	0	0	0	0	0	0	0	0	0	0	0	0
2	0	2	0	0	0	0	0	0	0	0	0	0	0
4	0	4	0	0	0	0	0	0	0	0	0	0	0
72	0	72	0	0	0	0	0	0	0	0	0	0	0
597	0	597	0	0	0	0	0	0	0	0	0	0	0
32	0	0	32	0	0	0	0	0	0	0	0	0	0
1	0	0	0.50	0.50	0	0	0	0	0	0	0	0	0
1	0.6	0.2	0.17	0.02	0.01	0	0	0	0	0	0	0	0
1	0.3	0	0.6	0	0.1	0	0	0	0	0	0	0	0
4	4	0	0	0	0	0	0	0	0	0	0	0	0

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	Minors Estates Phase 2 Sanitary Sewer and Watermain Breakdown 11-28-22							
Phase 2 Infrastructure Constructed in Phase 1				DF Tomasini Proposal Form 3/9/21				
Item			Estimated	Bid	Unit Bid	Bid Price	Infrastructure	
No.	Description	Unit	Quantity	Quantity	Price		Subtotals	Infrastructure Item
1	12" Water Main (including tees, bends and tracer wire) w/ compacted spoil	LF	934	990	\$61.00	\$60,390.00		
2	1 ½" Water Lateral w/ compacted spoil	LF	707	741	\$55.00	\$40,755.00		
3	12" Gate Valve	EA	1	1	\$2,600.00	\$2,600.00		
4	Connect to Existing Water Main	EA	2	1	\$2,700.00	\$2,700.00		
5	Hydrant Assembly (including tee, valve, lead, tracer wire box)	EA	2	2	\$6,100.00	\$12,200.00	\$118,645.00	Phase 2 Watermain
6	Sanitary Manhole	EA	2	2	\$3,000.00	\$6,000.00		
7	6" Sanitary Lateral w/ compacted spoil	LF	697	731	\$48.00	\$35,088.00		
8	8" Sanitary Sewer w/ compacted spoil	LF	787	797	\$53.00	\$42,241.00	\$83,329.00	Phase 2 Sanitary
9	Storm Manhole	EA	2	2	\$1,500.00	\$3,000.00		
10	Catch Basin Neenah R-3067-L	EA	4	4	\$1,700.00	\$6,800.00		
11	12" RCP CL V Pipe w/ compacted spoil	LF	64	72	\$55.00	\$3,960.00		
12	15" RCP CL IV Pipe w/ compacted spoil	LF	607	597	\$54.00	\$32,238.00	\$45,998.00	Phase 2 Storm
13	Sawcut Asphalt Pavement	LF	32	32	\$5.00	\$160.00		
14	Traffic Control	LS	1	1	\$6,983.44	\$6,983.44	\$7,143.44	Phase 2 Paving
15	Grading (including topsoil stripping, excavation, filling, compaction)	LS	1	1	\$151,900.00	\$151,900.00		
16	Respread topsoil, seed, fertilizer, mulch	LS	1	1	\$54,883.00	\$54,883.00		
17	Inlet Protection	EA	4	4	\$106.00	\$424.00		
18	Silt Fence	LF	1,440	1,440	\$1.50	\$2,160.00		
19	Erosion Mat	SF	9,295	10,824	\$1.74	\$18,833.76		
20	Ditch Check	EA	21	21	\$132.00	\$2,772.00		
21	Clearing and Grubbing	LS	1	1	\$9,985.00	\$9,985.00	\$240,957.76	Phase 2 Grading
	Total Phase 2 Infrastructure Costs Constructed in Phase 1					\$496,073.20		

**RESOLUTION NO. 2022-68**

**RESOLUTION OF THE VILLAGE BOARD OF THE VILLAGE OF  
MUKWONAGO TO ACCEPT DEDICATION OF THE PUBLIC WATER  
MAIN AND SANITARY SEWER FOR MINOR'S ESTATES 4 PHASE 2**

---

WHEREAS, the Village has entered into a Developer Agreement with Minor's Estates related to the construction of public water main and public sanitary sewer to serve the Minor's Estates development in the Village; and

WHEREAS, on November 4, 2022, the Village received a request from Joe Bukovich requesting that the Village accept dedication of all infrastructure for their project; and

WHEREAS, the Village Engineer has reviewed the construction of the public water main and public sanitary sewer with regard to whether it meets the requirements set forth in the Developers Agreement; and

WHEREAS, Peter W. Gesch, a Project Engineer with Ruekert & Mielke, sent a letter dated November 29, 2022 to Village President Fred Winchowky indicating that a site visit was conducted to verify all punch list items were completed and they recommend accepting all infrastructure. They do recommend the Village Board accept the Public Water Main Infrastructure and Public Sanitary Sewer Infrastructure for Phase 2; and

WHEREAS, Mr. Gesch further recommends the acceptance of the public water and sewer main be made and included with this request which were from the developer include valid Lien Waivers for all contractors involved in the construction of the public water and sewer main.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Mukwonago, that the Village does hereby accept the water and sanitary sewer main, for Minor's 4 having determined that the water and sewer main as constructed meets the requirements set forth in the Developers Agreement, as well as the requirements of the Village of Mukwonago and the State Code.

BE IT FURTHER RESOLVED that Village Staff is hereby directed to take such steps are necessary to effectuate the intention of this Resolution.

Adopted this 21<sup>st</sup> day of December, 2022.

APPROVED:

\_\_\_\_\_  
Fred H Winchowky, Village President

Attestation:

\_\_\_\_\_  
Diana A Dykstra, MMC  
Village Clerk-Treasurer

November 29, 2022

Mr. Fred Winchowky  
Village President  
Village of Mukwonago  
440 River Crest Court  
Mukwonago, WI 53149

Re: Minor's Estates 4 – Phase 1  
Letter of Credit Reduction #6

Dear President Winchowky:

We have received a request from Minors Estates Investments LLC to reduce the value of the contingencies currently held in the Phase 1 Letter of Credit. The public sanitary sewer and water main were accepted in November of 2021 and the guarantee period expired on November 17, 2022. Additionally, the site has been graded and restored and it is requested that the contingency value for the grading and erosion control also be reduced.

We have reviewed the request, which is attached to this letter, and recommend that the Village Board reduce the current Letter of Credit of \$428,118.82 by \$228,179.84 to a new letter of credit value of **\$199,939.38** upon final staff approval after a warranty inspection is performed in the next week. We believe that the remaining balance adequately covers all remaining work for Phase 1 of this development.

If you or any staff or board member should have any questions regarding this, please feel free to contact me at (262) 542-5733.

Respectfully,

RUEKERT & MIELKE, INC.



Peter W. Gesch, P.E.<sub>(WI)</sub>  
Project Engineer  
[pgesch@ruekert-mielke.com](mailto:pgesch@ruekert-mielke.com)

PWG:pwg

Enclosure(s)

cc: Diana Dykstra, Village of Mukwonago  
Linda Gourdoux, Village of Mukwonago  
Fred Schnook, Village of Mukwonago  
Tim Rutenbeck, Village of Mukwonago  
Nathan Bayer, Village of Mukwonago  
Wayne Castle, Village of Mukwonago  
Ron Bittner, Village of Mukwonago  
Tim Schwecke, Village of Mukwonago  
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.



HOMES • LAND • INVESTMENTS

November 4, 2022

Diana Dykstra  
Village of Mukwonago Clerk-Treasurer  
440 River Crest Court  
Mukwonago, WI 53149

RE: Minor's Estates Phase 1 Letter of Credit Contingency Reduction Request #6

Dear Ms. Dykstra:

On behalf of Minors Estates Investments LLC, please accept this request for the Village Engineer to inspect the Minors Estates Phase 1 sanitary sewer and watermain and provide a recommendation to the Village Board to reduce the letter of credit contingency per the costs outlined below:

<b>Letter of Credit Balance</b>	<b>\$428,118.82</b>
-Less Requested Reductions-	
Grading and Erosion Control Contingency	\$105,718.44
Sanitary Sewer Construction Contingency	\$51,300.60
<u>Watermain Construction Contingency</u>	<u>\$71,160.40</u>
<b>Total Reduction</b>	<b>\$228,179.84</b>
<b>Letter of Credit Balance Remaining</b>	<b>\$199,939.38</b>

The Phase 1 sanitary sewer and watermain were accepted by the Village Board on 11/17/21. The one year guarantee will expire in a couple weeks, therefore the contingency is being requested to be released for these items. The grading has also been completed and the site has been restored, so the grading and erosion control contingency is also being requested to be reduced. Enclosed is a letter of credit worksheet which tracks the letter of credit draws and balances for your information.

Please review this request, and if it is acceptable, please include the letter of credit contingency reduction on the December Committee of the Whole and Village Board agendas for review and action. If you have any questions or concerns regarding this request, please call me at (262) 424-5997. Thank you for your assistance with this request.

Respectfully Submitted,

Joseph A. Bukovich, P.E.  
Owner's Authorized Representative

Enclosures

Cc: Peter Gesch, Ruekert & Mielke

Minor's Estates Phase 1 Letter of Credit

		BEGINNING	Reduction #1	Reduction #2	Reduction #3	Reduction #4	Reduction #5	Reduction #6	BALANCE
ITEM		BID LOC	6/15/21	7/26/21	8/8/21	9/10/21	10/18/21	11/4/22	
1	Grading and erosion control	\$ 528,592.18	\$ 275,484.10	\$ 76,775.40	\$ 127,989.89	\$ 39,044.72	\$ 9,298.07	\$ -	\$ -
2	Sanitary sewer construction	\$ 256,503.00	\$ 256,503.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	Water system construction	\$ 355,802.00	\$ -	\$ 355,802.00	\$ -	\$ -	\$ -	\$ -	\$ -
4	Storm sewer construction	\$ 153,552.00	\$ -	\$ 142,890.00	\$ 10,662.00	\$ -	\$ -	\$ -	\$ -
5	Road paving incl. stone base, curb, binder & sidewalk	\$ 309,439.94	\$ -	\$ -	\$ 144,349.72	\$ 71,282.72	\$ 85,682.50	\$ -	\$ 8,125.00
6	Surface course paving (2022)	\$ 68,940.00	\$ -	\$ -	\$ -	\$ -	\$ 13,752.00	\$ -	\$ 55,188.00
7	Street trees (63 Ph. 1 trees)	\$ 25,200.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,200.00
8	Contingency (20%)	\$ 339,605.82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 228,179.44	\$ 111,426.38
TOTAL		\$ 2,037,634.94	\$ 531,987.10	\$ 575,467.40	\$ 283,001.61	\$ 110,327.44	\$ 108,732.57	\$ 228,179.44	\$ 199,939.38

Notes:

Guarantee for sanitary and watermain improvements expires 11/17/22.  
Guarantee for improvements expires \_\_\_\_\_.

**RESOLUTION NO. 2022-69**

**A RESOLUTION TO APPROVE A REDUCTION IN THE LETTER OF CREDIT  
FOR MINORS ESTATES 4 PHASE 1 DEVELOPMENT  
IN THE VILLAGE OF MUKWONAGO**

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**WHEREAS**, the Village Board of the Village of Mukwonago is required to approve a Reduction in a Letter of Credit based on the satisfactory completion and/or acceptance of public infrastructure as required under the terms of the developer's agreement, and

**WHEREAS**, Minors Estates Investments LLC, Inc has requested a Letter of Credit Reduction #1 for the development known as Minor's Estates 4 Phase 1, and

**WHEREAS**, the request includes lien waivers from Contractors performing parts of the work associated with the requested reduction, and a detailed breakdown request by category of work, and

**WHEREAS**, the Village Engineer has reviewed the request and the work completed for which the request is associated with and recommend that the current Letter of Credit be reduced as stated and as described in Exhibit A.

**NOW, THEREFORE, BE IT RESOLVED** the Village Board of the Village of Mukwonago, Wisconsin, hereby approves a reduction in the Letter of Credit for Minor's Estates 4 Phase 1 to a new Letter of Credit balance of \$199,939.38.

Passed and dated this 21<sup>st</sup> day of December 2022.

By: \_\_\_\_\_  
Fred Winchowky, Village President



Attest: \_\_\_\_\_  
Diana A Dykstra, Village Clerk-Treasurer

November 21, 2022

Ms. Diana Dykstra, CMC  
Clerk-Treasurer  
Village of Mukwonago  
440 River Crest Court  
Mukwonago, Wisconsin 53149

RE: Holz Parkway and Miniwaukan Park Pond Dredging

Dear Ms. Dykstra:

Enclosed with this letter please find Change Order No. 3-Final. This Change Order serves to adjust the final Contract Price to reflect the actual completed Work. Please have Change Order No. 3-Final signed and dated by the appropriate individual, and return an executed copy to our office for further distribution.

In accordance with the Contract Documents, the Contractor for this Project, C.W. Purpero, Inc., has submitted a final Application for Payment and has furnished the enclosed Contract-required items:

1. 3-Year Native Seed Maintenance Instructions.
2. Consent of Surety to Final Payment.
3. List of Subcontractors, Suppliers, and service providers performing, furnishing, or procuring labor, services and materials on the Project.
4. Releases or waivers of lien from the General Contractor and first tier Subcontractors and Suppliers.
5. Certificate or other evidence of completed operations insurance.

You may want to have your legal counsel and insurance advisor review the respective lien waivers, bonding, and insurance documents to verify legal effectiveness. If all are satisfactory, we recommend final payment, and give notice (enclosed), that the completed Work is acceptable subject to the provisions of General Conditions paragraph 15.07.

In accordance with paragraph 15.08 of the General Conditions, the Contractor is required to promptly repair or correct defective Work for a period of one year from the date of Substantial Completion which was September 9, 2022. You may wish to review the Project a month or so before the anniversary date to check for any warranty items. If we can be of assistance to you in this regard, please contact us.

Respectfully,

RUEKERT & MIELKE, INC.



Michael E. Michalski  
Project Engineer  
[mmichalski@ruekert-mielke.com](mailto:mmichalski@ruekert-mielke.com)

MEM:sjs

Enclosure(s)

cc: Fred Winchowky, Village of Mukwonago  
Nathan J. Bayer, Village of Mukwonago  
Fred Schnook, Village of Mukwonago  
Ron Bittner, Village of Mukwonago  
Al Wojtasiak, P.E., C.W. Purpero, Inc., Contractor w/Notice of Acceptability  
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.

## NOTICE OF ACCEPTABILITY OF WORK

---

**PROJECT:** Holz Parkway and Miniwaukan Park Pond Dredging Project  
**OWNER:** Village of Mukwonago  
**CONTRACTOR:** C. W. Purpero, Inc.  
**EFFECTIVE DATE OF THE CONSTRUCTION CONTRACT:** July 29, 2022  
**ENGINEER:** Ruekert & Mielke, Inc.  
**NOTICE DATE:** November 21, 2022

---

**To:** Village of Mukwonago  
**Owner**

**And To:** C.W. Purpero, Inc.  
**Contractor**

**From:** Ruekert & Mielke, Inc.  
**Engineer**

The Engineer hereby gives notice to the above Owner and Contractor that the completed Work furnished and performed by Contractor under the above Contract is acceptable expressly subject to the provisions of the related Contract Documents, the Agreement between Owner and Engineer for Professional Services and the terms and conditions set forth as follows:

### **CONDITIONS OF NOTICE OF ACCEPTABILITY OF WORK**

The Notice of Acceptability of Work ("Notice") is expressly made subject to the following terms and conditions to which all those who receive said Notice and rely thereon agree:

1. This Notice is given with the skill and care ordinarily used by members of the engineering profession practicing under similar conditions at the same time and in the same locality.
2. This Notice reflects and is an expression of the professional judgment of Engineer.
3. This Notice is given as to the best of Engineer's knowledge, information, and belief as of the Notice Date.
4. This Notice is based entirely on and expressly limited by the scope of services Engineer has been employed by Owner to perform or furnish during construction of the Project (including observation of the Contractor's work) under Engineer's Agreement with Owner and under the Construction Contract referred to in this Notice, and applies only to facts that are within Engineer's knowledge or could reasonably have been ascertained by Engineer as a result of carrying out the responsibilities specifically assigned to Engineer under such Agreement and Construction Contract.
5. This Notice is not a guarantee or warranty of Contractor's performance under the Construction Contract referred to in this Notice, nor an assumption of responsibility for any failure of Contractor to furnish and perform the Work thereunder in accordance with the Contract Documents.

**By:** Michael E. Michalski  
**Title:** Project Engineer  
**Dated:** November 21, 2022



Date of Issuance: October 19, 2022 Effective Date: October 19, 2022

Contract: Holz Parkway and Miniwaukan Park Pond Dredging Owner: Village of Mukwonago

Contractor: C.W. Purpero, Inc. Engineer: Ruekert & Mielke, Inc.

Address: 1190 West Rawson Avenue Engineer's Project No.: 12-10087.300

Oak Creek, Wisconsin 53154 Effective Date of Contract: July 29, 2022

The Contract is modified as follows upon execution of this Change Order:

Description:

Closeout Change Order.

Reason for Change Order:

This Change Order will adjust the final Contract Price to equal the total amount earned and will close out the Contract.

Attachments:

Closeout Change Order Analysis and Final Pay Application No. 3.

<b>CHANGE IN CONTRACT PRICE</b>	<b>CHANGE IN CONTRACT TIMES</b>
Original Contract Price \$ <u>381,230.00</u>	Original Contract Times: Substantial Completion: <u>September 16, 2022</u> Ready for Final Payment: <u>October 17, 2022</u>
Increase from previously approved Change Order No. 1: \$ <u>8,800.00</u>	Increase from previously approved Change Orders: Substantial Completion: <u>31 days</u> Ready for Final Payment: <u>31 days</u>
Contract Price prior to this Change Order: \$ <u>390,030.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>October 17, 2022</u> Ready for Final Payment: <u>November 17, 2022</u>
Increase of this Change Order: \$ <u>5,362.00</u>	Increase/ decrease of this Change Order: Substantial Completion: <u>N/A</u> Ready for Final Payment: <u>N/A</u>
Contract Price incorporating this Change Order: \$ <u>395,392.00</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>October 17, 2022</u> Ready for Final Payment: <u>November 17, 2022</u>

RECOMMENDED:

ACCEPTED:

ACCEPTED:

Signature: Michael E. Michalski  
Engineer (Authorized Signature)

Michael E. Michalski  
Ruekert & Mielke, Inc.

Date: October 19, 2022

Signature: \_\_\_\_\_  
Owner (Authorized Signature)

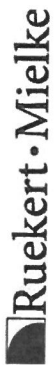
Village of Mukwonago

Date: \_\_\_\_\_

Signature: C.W. Purpero  
Contractor (Authorized Signature)

C.W. Purpero, Inc.

Date: 10/20/22

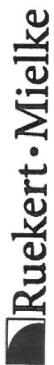


W233 N2080 Ridgeview Parkway  
Waukesha, WI 53188-1020

## ANALYSIS OF CLOSEOUT CHANGE ORDER

OWNER: Village of Mukwonago  
PROJECT: Holz Parkway and Miniwaukan Park Pond Dredging  
DATE PREPARED: 19-Oct-22

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT \$	ORIGINAL CONTRACT AMOUNT	ACTUAL QUANTITY INSTALLED	FINAL CONTRACT AMOUNT
<b>Holz Parkway Pond No. 1</b>							
1	Mobilization	L.S.	1	\$ 8,000.00	\$ 8,000.00	1.00	\$ 8,000.00
2	Traffic control	L.S.	1	\$ 2,000.00	\$ 2,000.00	1.00	\$ 2,000.00
3	Silt fence	L.F.	755	\$ 4.00	\$ 3,020.00	650.00	\$ 2,600.00
4	Tracking pad	S.F.	1,250.00	\$ 3.00	\$ 3,750.00	915.00	\$ 2,745.00
5	Sediment stockpile downstream perimeter control measures	L.F.	70.00	\$ 57.00	\$ 3,990.00	85.00	\$ 4,845.00
6	Manufactured slope interruption device	L.F.	90.00	\$ 13.00	\$ 1,170.00	60.00	\$ 780.00
7	Pond entrance tracking and protection measures	L.S.	1.00	\$ 4,300.00	\$ 4,300.00	1.00	\$ 4,300.00
8	Clearing, grubbing and tree removal	L.S.	1.00	\$ 5,300.00	\$ 5,300.00	1.00	\$ 5,300.00
9	Topsoil stripping and stockpiling	S.Y.	1,600.00	\$ 2.00	\$ 3,200.00	1,100.00	\$ 2,200.00
10	Pond dewatering system	L.S.	1.00	\$ 14,000.00	\$ 14,000.00	1.00	\$ 14,000.00
11	Excavate, haul, and stockpile sediment material	L.S.	1.00	\$ 22,000.00	\$ 22,000.00	1.00	\$ 22,000.00
12	Grading sediment deposit area	L.S.	1.00	\$ 2,500.00	\$ 2,500.00	1.00	\$ 2,500.00
13	Replace salvage topsoil	S.Y.	1,600.00	\$ 3.15	\$ 5,040.00	1,100.00	\$ 3,465.00
14	Restoration w/ turf grass seed and erosion mat	S.Y.	2,350.00	\$ 5.00	\$ 11,750.00	2,900.00	\$ 14,500.00
15	Topsoil, sedge meadow/ emergent wetland seed and erosion mat	S.Y.	1,000.00	\$ 17.00	\$ 17,000.00	1,000.00	\$ 17,000.00
16	Topsoil, turf grass seed, fertilizer and erosion mat	S.Y.	1,500.00	\$ 15.00	\$ 22,500.00	1,500.00	\$ 22,500.00
<b>Holz Parkway Pond No. 2</b>							
17	Mobilization	L.S.	1.00	\$ 8,000.00	\$ 8,000.00	1.00	\$ 8,000.00
18	Traffic control	L.S.	1.00	\$ 2,000.00	\$ 2,000.00	1.00	\$ 2,000.00
19	Silt fence	L.F.	520.00	\$ 4.00	\$ 2,080.00	589.00	\$ 2,356.00
20	Tracking pad	S.F.	800.00	\$ 5.00	\$ 4,000.00	1,190.00	\$ 5,950.00
21	Sediment stockpile downstream perimeter control measures	L.F.	120.00	\$ 44.00	\$ 5,280.00	165.00	\$ 7,260.00
22	Manufactured slope interruption device	L.F.	90.00	\$ 13.00	\$ 1,170.00	92.00	\$ 1,196.00
23	Pond entrance tracking and protection measures	L.S.	1.00	\$ 4,300.00	\$ 4,300.00	1.00	\$ 4,300.00
24	Clearing, grubbing and tree removal	L.S.	1.00	\$ 5,300.00	\$ 5,300.00	1.00	\$ 5,300.00
25	Topsoil stripping and stockpiling	S.Y.	1,400.00	\$ 2.00	\$ 2,800.00	1,630.00	\$ 3,260.00
26	Pond dewatering system	L.S.	1.00	\$ 14,000.00	\$ 14,000.00	1.00	\$ 14,000.00
27	Excavate, haul, and stockpile sediment material	L.S.	1.00	\$ 23,300.00	\$ 23,300.00	1.00	\$ 23,300.00
28	Grading sediment deposit area	L.S.	1.00	\$ 2,500.00	\$ 2,500.00	1.00	\$ 2,500.00
29	Replace salvage topsoil	S.Y.	1,400.00	\$ 2.25	\$ 3,150.00	1,630.00	\$ 3,667.50
30	Restoration w/ turf grass seed and erosion mat	S.Y.	2,000.00	\$ 5.20	\$ 10,400.00	2,435.00	\$ 12,662.00
31	Topsoil, sedge meadow/ emergent wetland seed and erosion mat	S.Y.	1,000.00	\$ 17.00	\$ 17,000.00	1,000.00	\$ 17,000.00
32	Topsoil, turf grass seed, fertilizer and erosion mat	S.Y.	1,500.00	\$ 15.00	\$ 22,500.00	1,799.00	\$ 26,985.00
<b>Mandatory Alternate Bid Items are for additional pond dredging at Miniwaukan Park</b>							
MA-1	Mobilization	L.S.	1.00	\$ 6,000.00	\$ 6,000.00	1.00	\$ 6,000.00
MA-2	Traffic control	L.S.	1.00	\$ 1,000.00	\$ 1,000.00	1.00	\$ 1,000.00



W233 N2080 Ridgeview Parkway  
Waukesha, WI 53188-1020

## ANALYSIS OF CLOSEOUT CHANGE ORDER

OWNER: Village of Mukwonago  
PROJECT: Holz Parkway and Miniwaukan Park Pond Dredging  
DATE PREPARED: 19-Oct-22

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT \$	ORIGINAL CONTRACT AMOUNT	ACTUAL QUANTITY INSTALLED	FINAL CONTRACT AMOUNT
MA-3	Silt fence	L.F.	340.00	\$ 4.50	\$ 1,530.00	253.00	\$ 1,138.50
MA-4	Sediment stockpile downstream perimeter control measures	L.F.	50.00	\$ 62.00	\$ 3,100.00	60.00	\$ 3,720.00
MA-5	Manufactured slope interruption device	L.F.	90.00	\$ 13.00	\$ 1,170.00	85.00	\$ 1,105.00
MA-6	Pond entrance tracking and protection measures	L.S.	1.00	\$ 2,000.00	\$ 2,000.00	1.00	\$ 2,000.00
MA-7	Clearing, grubbing and tree removal	L.S.	1.00	\$ 5,300.00	\$ 5,300.00	1.00	\$ 5,300.00
MA-8	Topsoil stripping and stockpiling	S.Y.	400.00	\$ 3.60	\$ 1,440.00	400.00	\$ 1,440.00
MA-9	Pond dewatering system	L.S.	1.00	\$ 14,000.00	\$ 14,000.00	1.00	\$ 14,000.00
MA-10	Excavate, haul, and stockpile sediment material	L.S.	1.00	\$ 18,000.00	\$ 18,000.00	1.00	\$ 18,000.00
MA-11	Grading sediment deposit area	L.S.	1.00	\$ 1,200.00	\$ 1,200.00	1.00	\$ 1,200.00
MA-12	Bio-swale	L.F.	320.00	\$ 72.00	\$ 23,040.00	320.00	\$ 23,040.00
MA-13	Replace salvage topsoil	S.Y.	400.00	\$ 5.00	\$ 2,000.00	400.00	\$ 2,000.00
MA-14	Restoration w/ turf grass seed and erosion mat	S.Y.	600.00	\$ 7.75	\$ 4,650.00	516.00	\$ 3,999.00
MA-15	Topsoil, sedge meadow/ emergent wetland seed and erosion mat	S.Y.	1,000.00	\$ 17.00	\$ 17,000.00	709.00	\$ 12,053.00
MA-16	Topsoil, turf grass seed, fertilizer, and erosion mat	S.Y.	1,500.00	\$ 15.00	\$ 22,500.00	1,475.00	\$ 22,125.00
<b>SUBTOTAL OF ORIGINAL CONTRACT ITEMS</b>				<b>\$</b>	<b>\$ 381,230.00</b>		<b>\$ 386,592.00</b>
<b>ADDITIONAL ITEMS</b>							
CO2	Trucking sediment deposit	L.S.	1.00	\$900.00	\$ 900.00	1.00	\$ 900.00
CO2	Riprap	L.S.	1.00	\$5,100.00	\$ 5,100.00	1.00	\$ 5,100.00
CO2	Overseeding existing ditch	L.S.	1.00	\$2,800.00	\$ 2,800.00	1.00	\$ 2,800.00
<b>SUBTOTAL OF ADDITIONAL ITEMS</b>				<b>\$</b>	<b>\$ 8,800.00</b>		<b>\$ 8,800.00</b>
<b>GRAND TOTALS:</b>				<b>\$</b>	<b>\$ 390,030.00</b>		<b>\$ 395,392.00</b>

ORIGINAL CONTRACT AMOUNT \$381,230.00  
EXECUTED CHANGE ORDER(S) \$8,800.00  
CONTRACT PRICE PRIOR TO THIS CLOSE-OUT CHANGE ORDER \$390,030.00

AMOUNT EARNED ON ORIGINAL CONTRACT ITEMS \$386,592.00  
AMOUNT EARNED ON OTHER ITEMS \$8,800.00  
TOTAL AMOUNT EARNED \$395,392.00

TOTAL AMOUNT EARNED \$395,392.00  
LESS CONTRACT PRICE PRIOR TO THIS CLOSE-OUT CHANGE ORDER (\$390,030.00)  
CLOSE OUT CHANGE ORDER AMOUNT \$5,362.00



**Contractor's Application for Payment No. 3-Final**

<b>To (Owner):</b> Village of Mukwonago	<b>Application Date:</b> 10/19/2022	<b>Application Period:</b> September 20, 2022 to October 17, 2022
<b>From (Contractor):</b> C.W. Purpero, Inc.	<b>Via (Engineer):</b> Ruekert & Mielke, Inc.	
<b>Contact:</b> Ron Bittner	<b>Contact:</b> Al Wojlasiak	<b>Contact:</b> Michael E. Michalski
<b>Project:</b> Holz Parkway and Miniwaukan Park Pond Dredging	<b>Address:</b> 1190 West Rawson Avenue Oak Creek, WI 53154	<b>Address:</b> W233 N2080 Ridgeview Parkway Waukesha, WI 53188
<b>Owner's Contract No.:</b>	<b>Contractor's Project No.:</b>	<b>Engineer's Project No.:</b> 12-10087.300

## Change Order Summary

Approved Change Orders		Deductions (Enter as Positive Number)	
Number	Additions		
No. 2	\$8,800.00		
No. 3	\$5,362.00		
TOTALS	\$14,162.00		
NET CHANGE BY CHANGE ORDERS			\$14,162.00

1.	ORIGINAL CONTRACT PRICE .....	\$	381,230.00
2.	Net change by Change Orders .....	\$	14,162.00
3.	CURRENT CONTRACT PRICE (Line 1 + Line 2) .....	\$	395,392.00
4.	TOTAL COMPLETED TO DATE (Column L Total on Progress Estimates) .....	\$	395,392.00
5.	RETAINAGE: a. 5% X _____ Work Completed ....	\$	9,884.80
6.	RETAINAGE REDUCTION TO DATE (Enter as Positive Number) ..	\$	9,884.80
7.	AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5a. + Line 6) .....	\$	395,392.00
8.	LESS PREVIOUS PAYMENTS (Line 7 from Prior Application) .....	\$	381,501.25
9.	AMOUNT DUE THIS APPLICATION .....	\$	13,890.75

## Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge:

- (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment;
- (2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner per Article 15 of the General Conditions; and
- (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

<b>By:</b>	
<b>Date:</b>	11/15/22

Christopher G. Van Ells, Vice President

Payment of:	\$	\$13,890.75	(Line 9 or other - attach explanation of the other amount)
Recommended by:		<i>Michael E. Michalski</i>	19-Oct-22
		(Engineer)	(Date)
Payment of:	\$		(Line 9 or other - attach explanation of the other amount)
Approved by:			(Owner)
			(Date)

# Progress Estimate - Unit Price Work

## Contractor's Application for Payment No.

3-Final

For (Project): Holz Parkway and Miniwaukan Park Pond Dredging										Application Date: 10/19/2022				
Application Period: September 20, 2022 to October 17, 2022										Owner's Contract No.: 12-10087.300 Engineer's Project No.:				
A	B			C	D	E	F	G		H	I	J	K	L
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value (\$)	Work Completed Previously		Work Completed This Period		Value of Work Installed (\$)	Estimated Quantity Installed	Value of Work Installed (\$)	Estimated Quantity Installed	Value of Work Installed (\$)
						Estimated Quantity Installed	Value of Work Installed (\$)	Estimated Quantity Installed	Value of Work Installed (\$)					
Holz Parkway Pond No. 1														
1	Mobilization	L.S.	1	\$ 8,000.00	\$ 8,000.00	1.00	\$ 8,000.00		\$ -		1.00	\$ 8,000.00		\$ 8,000.00
2	Traffic control	L.S.	1	\$ 2,000.00	\$ 2,000.00	1.00	\$ 2,000.00		\$ -		1.00	\$ 2,000.00		\$ 2,000.00
3	Silt fence	L.F.	755	\$ 4.00	\$ 3,020.00	650.00	\$ 2,600.00		\$ -		650.00	\$ 2,600.00		\$ 2,600.00
4	Tracking pad	S.F.	1,250	\$ 3.00	\$ 3,750.00	915.00	\$ 2,745.00		\$ -		915.00	\$ 2,745.00		\$ 2,745.00
5	Sediment stockpile downstream perimeter control measures	L.F.	70	\$ 57.00	\$ 3,990.00	85.00	\$ 4,845.00		\$ -		85.00	\$ 4,845.00		\$ 4,845.00
6	Manufactured slope interruption device	L.F.	90	\$ 13.00	\$ 1,170.00	60.00	\$ 780.00		\$ -		60.00	\$ 780.00		\$ 780.00
7	Pond entrance tracking and protection measures	L.S.	1	\$ 4,300.00	\$ 4,300.00	1.00	\$ 4,300.00		\$ -		1.00	\$ 4,300.00		\$ 4,300.00
8	Clearing, grubbing and tree removal	L.S.	1	\$ 5,300.00	\$ 5,300.00	1.00	\$ 5,300.00		\$ -		1.00	\$ 5,300.00		\$ 5,300.00
9	Topsoil stripping and stockpiling	S.Y.	1,600	\$ 2.00	\$ 3,200.00	1,100.00	\$ 2,200.00		\$ -		1,100.00	\$ 2,200.00		\$ 2,200.00
10	Pond dewatering system	L.S.	1	\$ 14,000.00	\$ 14,000.00	1.00	\$ 14,000.00		\$ -		1.00	\$ 14,000.00		\$ 14,000.00
11	Excavate, haul, and stockpile sediment material	L.S.	1	\$ 22,000.00	\$ 22,000.00	1.00	\$ 22,000.00		\$ -		1.00	\$ 22,000.00		\$ 22,000.00
12	Grading sediment deposit area	L.S.	1	\$ 2,500.00	\$ 2,500.00	1.00	\$ 2,500.00		\$ -		1.00	\$ 2,500.00		\$ 2,500.00
13	Replace salvage topsoil	S.Y.	1,600	\$ 3.15	\$ 5,040.00	1,100.00	\$ 3,465.00		\$ -		1,100.00	\$ 3,465.00		\$ 3,465.00
14	Restoration w/ turf grass seed and erosion mat	S.Y.	2,350	\$ 5.00	\$ 11,750.00	2,900.00	\$ 14,500.00		\$ -		2,900.00	\$ 14,500.00		\$ 14,500.00
15	Topsoil, sedge meadow/ emergent wetland seed and erosion mat	S.Y.	1,000	\$ 17.00	\$ 17,000.00	1,000.00	\$ 17,000.00		\$ -		1,000.00	\$ 17,000.00		\$ 17,000.00
16	Topsoil, turf grass seed, fertilizer and erosion mat	S.Y.	1,500	\$ 15.00	\$ 22,500.00	1,297.00	\$ 19,455.00		\$ 3,045.00		203.00	\$ 3,045.00		\$ 22,500.00
Holz Parkway Pond No. 2														
17	Mobilization	L.S.	1	\$ 8,000.00	\$ 8,000.00	1.00	\$ 8,000.00		\$ -		1.00	\$ 8,000.00		\$ 8,000.00
18	Traffic control	L.S.	1	\$ 2,000.00	\$ 2,000.00	1.00	\$ 2,000.00		\$ -		1.00	\$ 2,000.00		\$ 2,000.00
19	Silt fence	L.F.	520	\$ 4.00	\$ 2,080.00	589.00	\$ 2,356.00		\$ -		589.00	\$ 2,356.00		\$ 2,356.00
20	Tracking pad	S.F.	800	\$ 5.00	\$ 4,000.00	1,190.00	\$ 5,950.00		\$ -		1,190.00	\$ 5,950.00		\$ 5,950.00
21	Sediment stockpile downstream perimeter control measures	L.F.	120	\$ 44.00	\$ 5,280.00	165.00	\$ 7,260.00		\$ -		165.00	\$ 7,260.00		\$ 7,260.00
22	Manufactured slope interruption device	L.F.	90	\$ 13.00	\$ 1,170.00	92.00	\$ 1,196.00		\$ -		92.00	\$ 1,196.00		\$ 1,196.00
23	Pond entrance tracking and protection measures	L.S.	1	\$ 4,300.00	\$ 4,300.00	1.00	\$ 4,300.00		\$ -		1.00	\$ 4,300.00		\$ 4,300.00
24	Clearing, grubbing and tree removal	L.S.	1	\$ 5,300.00	\$ 5,300.00	1.00	\$ 5,300.00		\$ -		1.00	\$ 5,300.00		\$ 5,300.00
25	Topsoil stripping and stockpiling	S.Y.	1,400	\$ 2.00	\$ 2,800.00	1,630.00	\$ 3,260.00		\$ -		1,630.00	\$ 3,260.00		\$ 3,260.00
26	Pond dewatering system	L.S.	1	\$ 14,000.00	\$ 14,000.00	1.00	\$ 14,000.00		\$ -		1.00	\$ 14,000.00		\$ 14,000.00
27	Excavate, haul, and stockpile sediment material	L.S.	1	\$ 23,300.00	\$ 23,300.00	1.00	\$ 23,300.00		\$ -		1.00	\$ 23,300.00		\$ 23,300.00
28	Grading sediment deposit area	L.S.	1	\$ 2,500.00	\$ 2,500.00	1.00	\$ 2,500.00		\$ -		1.00	\$ 2,500.00		\$ 2,500.00
29	Replace salvage topsoil	S.Y.	1,400	\$ 2.25	\$ 3,150.00	1,630.00	\$ 3,667.50		\$ -		1,630.00	\$ 3,667.50		\$ 3,667.50
30	Restoration w/ turf grass seed and erosion mat	S.Y.	2,000	\$ 5.20	\$ 10,400.00	2,435.00	\$ 12,662.00		\$ -		2,435.00	\$ 12,662.00		\$ 12,662.00
31	Topsoil, sedge meadow/ emergent wetland seed and erosion mat	S.Y.	1,000	\$ 17.00	\$ 17,000.00	1,000.00	\$ 17,000.00		\$ -		1,000.00	\$ 17,000.00		\$ 17,000.00
32	Topsoil, turf grass seed, fertilizer and erosion mat	S.Y.	1,500	\$ 15.00	\$ 22,500.00	1,726.00	\$ 25,890.00		\$ 1,095.00		73.00	\$ 1,095.00		\$ 26,985.00
TOTAL BID ITEMS 1-32					\$ 257,300.00		\$ 264,331.50		\$ 4,140.00		\$	\$ 268,471.50		\$



# Progress Estimate - Unit Price Work

## Contractor's Application for Payment No. 3-Final

For (Project): Holz Parkway and Miniwaukan Park Pond Dredging										Application Date: 10/19/2022			
Application Period: September 20, 2022 to October 17, 2022										Owner's Contract No.: 12-10087.300			
A	B		C	D	E	F	G		H	I	J	K	L
Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Item Value (\$)	Work Completed Previously		Work Completed This Period		Estimated Quantity Installed	Value of Work Installed (\$)	Estimated Quantity Installed	Value of Work Installed (\$)
						Estimated Quantity Installed	Value of Work Installed (\$)	Estimated Quantity Installed	Value of Work Installed (\$)				
ADDITIONAL ITEMS													
Mandatory Alternate Bid Items are for additional pond dredging at Miniwaukan Park													
MA-1	Mobilization	L.S.	1	\$ 6,000.00	\$ 6,000.00	1.00	\$ 6,000.00		\$ -	1.00	\$ 6,000.00		\$ 6,000.00
MA-2	Traffic control	L.S.	1	\$ 1,000.00	\$ 1,000.00	1.00	\$ 1,000.00		\$ -	1.00	\$ 1,000.00		\$ 1,000.00
MA-3	Silt fence	L.F.	340	\$ 4.50	\$ 1,530.00	253.00	\$ 1,138.50		\$ -	253.00	\$ 1,138.50		\$ 1,138.50
MA-4	Sediment stockpile downstream perimeter control measures	L.F.	50	\$ 62.00	\$ 3,100.00	60.00	\$ 3,720.00		\$ -	60.00	\$ 3,720.00		\$ 3,720.00
MA-5	Manufactured slope interruption device	L.F.	90	\$ 13.00	\$ 1,170.00	85.00	\$ 1,105.00		\$ -	85.00	\$ 1,105.00		\$ 1,105.00
MA-6	Pond entrance tracking and protection measures	L.S.	1	\$ 2,000.00	\$ 2,000.00	1.00	\$ 2,000.00		\$ -	1.00	\$ 2,000.00		\$ 2,000.00
MA-7	Clearing, grubbing and tree removal	L.S.	1	\$ 5,300.00	\$ 5,300.00	1.00	\$ 5,300.00		\$ -	1.00	\$ 5,300.00		\$ 5,300.00
MA-8	Topsoil stripping and stockpiling	S.Y.	400	\$ 3.60	\$ 1,440.00	400.00	\$ 1,440.00		\$ -	400.00	\$ 1,440.00		\$ 1,440.00
MA-9	Pond dewatering system	L.S.	1	\$ 14,000.00	\$ 14,000.00	1.00	\$ 14,000.00		\$ -	1.00	\$ 14,000.00		\$ 14,000.00
MA-10	Excavate, haul, and stockpile sediment material	L.S.	1	\$ 18,000.00	\$ 18,000.00	1.00	\$ 18,000.00		\$ -	1.00	\$ 18,000.00		\$ 18,000.00
MA-11	Grading sediment deposit area	L.S.	1	\$ 1,200.00	\$ 1,200.00	1.00	\$ 1,200.00		\$ -	1.00	\$ 1,200.00		\$ 1,200.00
MA-12	Bio-swale	L.F.	320	\$ 72.00	\$ 23,040.00	320.00	\$ 23,040.00		\$ -	320.00	\$ 23,040.00		\$ 23,040.00
MA-13	Replace salvage topsoil	S.Y.	400	\$ 5.00	\$ 2,000.00	400.00	\$ 2,000.00		\$ -	400.00	\$ 2,000.00		\$ 2,000.00
MA-14	Restoration w/ turf grass seed and erosion mat	S.Y.	600	\$ 7.75	\$ 4,650.00	516.00	\$ 3,999.00		\$ -	516.00	\$ 3,999.00		\$ 3,999.00
MA-15	Topsoil, sedge meadow/ emergent wetland seed and erosion mat	S.Y.	1,000	\$ 17.00	\$ 17,000.00	709.00	\$ 12,053.00		\$ -	709.00	\$ 12,053.00		\$ 12,053.00
MA-16	Topsoil, turf grass seed, fertilizer, and erosion mat	S.Y.	1,500	\$ 15.00	\$ 22,500.00	1475.00	\$ 22,125.00		\$ -	1,475.00	\$ 22,125.00		\$ 22,125.00
TOTAL ADDITIONAL ITEMS					\$ 123,930.00		\$ 118,120.50		\$ -		\$ 118,120.50		\$ 118,120.50
CHANGE ORDER													
CO2	Trucking sediment deposit	L.S.	1	\$ 900.00	\$ 900.00	1.00	\$ 900.00		\$ -	1.00	\$ 900.00		\$ 900.00
CO2	Riprap	L.S.	1	\$ 5,100.00	\$ 5,100.00	1.00	\$ 5,100.00		\$ -	1.00	\$ 5,100.00		\$ 5,100.00
CO2	Overseeding existing ditch	L.S.	1	\$ 2,800.00	\$ 2,800.00	1.00	\$ 2,800.00		\$ -	1.00	\$ 2,800.00		\$ 2,800.00
TOTAL ALL ITEMS					\$ 8,800.00		\$ 8,800.00		\$ -		\$ 8,800.00		\$ 8,800.00
TOTAL ALL ITEMS					\$ 390,030.00		\$ 391,252.00		\$ 4,140.00		\$ 395,392.00		\$ 395,392.00

C. W. Purpero, Inc.  
1190 West Rawson Ave.  
Oak Creek, Wisconsin 53154  
Telephone 414-856-2850  
Facsimile 414-856-2856

# Construction Submittal



Submittal  
3

Rev.

Date:  
October 24, 2022

Project #:  
1770

Project:  
Mukwonago-Holz & Miniwaukan Pond Dredging

Attn:  
Mike Michalski

of:  
Ruekert & Mielke

Copies	Description
1	Plantings-Section 32 90 00, 1.05.B.2.a.1)
	Native Seed Maintenance Instructions
	Suncontractor: Natural Landscapes, Inc.

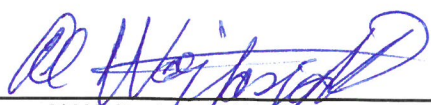
Remarks:  
For Information

C.W. Purpero, Inc. hereby certify that Contractor has satisfied Contractor's obligations under the Contract Documents relative to Contractor's review and approval of this submittal.

Copy to:

File

Ron Bittner, Village of Mukwonago

  
Signed: Al Wojtasiak, C.W. Purpero, Inc.

Project: Holz Parkway & Miniwaukan Pond Dredging / Village of Mukwonago  
Vegetation Management Submittal

### **Vegetation Management and Monitoring Submittal**

Services as specified below are designed to promote healthy native plant cover, control noxious weeds, and aesthetically enhance the overall appearance of all naturalized growing spaces. Vegetation management should focus on the enhancement of native vegetation by minimizing soil disturbance. This includes minimal herbicide applications, timely mowings, and selective cuttings during each contracted growing season to encourage the continued establishment of long-lived native perennial plant species.

**Monitoring:** All naturalized growing spaces throughout project footprints will need to be monitored during each contracted growing season. Monitoring should begin in April and end in December. Vegetation monitoring should consist of a minimum of one site visit per month to inspect, identify, and prescribe invasive plant management techniques and services needed. Invasive plants would be those plants that are not native to Wisconsin and are known to aggressively establish and compete with desirable native plant species. An end of year management and monitoring report is recommended following the completion of each contracted growing season. Report should include site photographs, documentation of management services performed, and summarizations of overall site conditions. Consultation services should also be provided to include any necessary site meetings as well as communication between all involved and / or concerned parties.

**Management:** All naturalized growing spaces throughout project footprint will need to be managed during future growing season, beginning in April and ending in December. All noxious plants should be managed by means of spot herbicide application, selective cutting, and / or mowing. Noxious plants targeted for management may include, but are not limited to, burdock, thistle, reed canary grass, giant reed grass, sweet clover, Queen Anne's lace, teasel, purple loosestrife, and crown vetch. Management of weedy species will greatly enhance overall site appearance, reduce/eliminate weed seed production, and promote the establishment of native wildflowers and grasses. All naturalized growing spaces should be mowed at the completion of each contracted growing season no later than December 31st. Annual mowings are performed to mimic natural fire by thatching dormant plant matter (duff) as well as suppress the maturation of invasive woody trees and shrubs such as box elder, honeysuckle, cottonwood, willow, and buckthorn.

Hope this helps. Please let me know if you need any additional information.

Thanks!

Keir Peckham  
Vegetation Specialist



Direct: 262-488-5347  
W303N7531 Polo Ct N  
Hartland, WI 53029  
Web: [www.naturallandscapesinc.com](http://www.naturallandscapesinc.com)  
Email: [keir@naturallandscapesinc.com](mailto:keir@naturallandscapesinc.com)



**CONSENT OF  
SURETY COMPANY  
TO FINAL PAYMENT**  
(SIMILAR TO AIA DOCUMENT G707)

OWNER ☐  
ARCHITECT ☐  
CONTRACTOR ☐  
SURETY ☐  
OTHER ☐

Bond Number: 30118177

**PROJECT:** Holz Parkway and Miniwaukan Park Pond Dredging  
(name, address) Village of Mukwonago, WI

TO (Owner)

Village of Mukwonago  
440 River Crest Court  
Mukwonago, WI 53149

ARCHITECT'S PROJECT NO:  
CONTRACT FOR: Construction

CONTRACT DATE: July 29, 2022

**CONTRACTOR:** C.W. Purpero, Inc.  
1190 West Rawson Avenue  
Oak Creek, WI 53154-1447

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the (here insert name and address of Surety Company)

Western Surety Company  
333 S. Wabash Avenue  
Chicago, IL 60604

, SURETY COMPANY,

on bond of (here insert name and address of Contractor)

C.W. Purpero, Inc.  
1190 West Rawson Avenue  
Oak Creek, WI 53154-1447

, CONTRACTOR,

hereby approves of the final payment to the Contractor, and agrees that the final payment to the Contractor shall not relieve the Surety Company of any of its obligations to (here insert name and address of Owner)

Village of Mukwonago  
440 River Crest Court  
Mukwonago, WI 53149

, OWNER,

as set forth in the said Surety Company's bond.

IN WITNESS WHEREOF,

The Surety Company has hereunto set its hand this 1st day of November, 2022.

Western Surety Company  
Surety Company

Signature of Authorized Representative



Attest:

*Kelly School*

(Seal): Witness

Chris Brehmer, Attorney-in-Fact

Title

Note: This form is intended to be used as a companion document to the Contractor's Affidavit of Payment of Debts and Claims, Current Edition

# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

**Know All Men By These Presents**, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**Cynthia J Brehmer, Randy L Brehmer, Terence R Geszvain, Jason A Braatz, Chris Brehmer, Melissa Babiak, Linda Mengel, Individually**

of Butler, WI, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

### - In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

**In Witness Whereof**, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 10th day of June, 2022.



WESTERN SURETY COMPANY

Paul T. Bruflat, Vice President

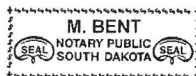
State of South Dakota  
County of Minnehaha

} ss

On this 10th day of June, 2022, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

March 2, 2026



M. Bent, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 1st day of November, 2022



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

Form F4280-7-2012

Go to [www.cnasurety.com](http://www.cnasurety.com) > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

**Authorizing By-Law**

**ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY**

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

RELEASE FORM 3

CONDITIONAL WAIVER AND RELEASE  
UPON FINAL PAYMENT

Upon receipt by the undersigned of a check from Village of Mukwonago  
(Owner or Contractor)

in the sum of \$ 13,890.75 payable to CW Purpero  
(Amount Invoiced) (Contractor or SubContractor)

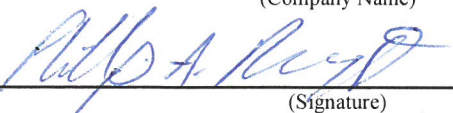
and when the check has been properly endorsed and has been paid by the bank upon which it is drawn,  
this document shall become effective to release any mechanic's lien, stop notice, or bond right the

undersigned has on the job of Holz Parkway & Miniwaukan Park Pond Dredging Project

located at Mukwonago, Wisconsin

This release covers the final payment to the undersigned for all labor, services, equipment, or material  
furnished on the job except for disputed claims for additional work in the amount of \$ ZERO. Before  
any recipient of this document relies on it, the party should verify evidence of payment to the  
undersigned.

Company: CW Purpero  
(Company Name)

By:   
(Signature)

Date: 11/18/22

Phillip A. Purpero, President  
(Name and Title)

State of WI  
County of Milwaukee

Subscribed and Sworn to before me this 18th Day of Noember, 2022

Notary Public: \_\_\_\_\_

My Commission Expires: 03/08/23

NOTE: This form complies with the requirements of Wisconsin Civil Code. It is not effective until the  
check that constitutes final payment has been properly endorsed and has cleared the bank.

CWP #1770

## *Waiver of Lien*

**For value received**, we hereby waive our rights and claims for lien on land and all buildings about to be erected, being erected, erected, altered or repaired and to the appurtenances thereunto

For: Village of Mukwonago / C.W. Purpero, Inc.

By: Natural Landscapes

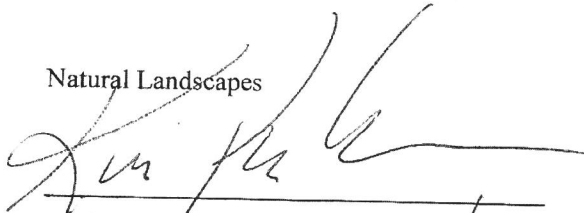
For: Landscaping

same being situated in the county of Waukesha, State of Wisconsin, described as:

Holz Parkway & Miniwaukan Park Pond Dredging

For all labor performed and for all material furnished for the erection, construction, alteration or repair of said building and/or appurtenances, except: None, Final in Full

Natural Landscapes

  
KEIR PECKHAM / PRESIDENT  
Printed Name

CWP #1770

## *Waiver of Lien*

**For value received,** we hereby waive our rights and claims for lien on land and all buildings about to be erected, being erected, erected, altered or repaired and to the appurtenances thereunto

For: Village of Mukwonago / C.W. Purpero, Inc.

By: Geo-Synthetics Systems LLC

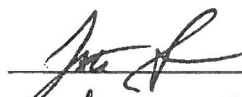
For: Trucking

same being situated in the county of Waukesha, State of Wisconsin, described as:

Holz Parkway & Miniwaukan Park Pond Dredging

For all labor performed and for all material furnished for the erection, construction, alteration or repair of said building and/or appurtenances, except: None, Final in Full

Geo-Synthetics Systems LLC

  
Justin Smocke 11/14/22  
Printed Name

CWP #1770

## Waiver of Lien

**For value received**, we hereby waive our rights and claims for lien on land and all buildings about to be erected, being erected, erected, altered or repaired and to the appurtenances thereunto

For: Village of Mukwonago / C.W. Purpero, Inc.

By: Lannon Stone Products, Inc.

For: Aggregate

same being situated in the county of Waukesha, State of Wisconsin, described as:

Holz Parkway & Miniwaukan Park Pond Dredging

For all labor performed and for all material furnished for the erection, construction, alteration or repair of said building and/or appurtenances, except: None, Final in Full

Lannon Stone Products, Inc.

Alyssa Zimmer  
Alyssa Zimmer  
Printed Name

CWP #1770

## *Waiver of Lien*

**For value received,** we hereby waive our rights and claims for lien on land and all buildings about to be erected, being erected, erected, altered or repaired and to the appurtenances thereunto

For: Village of Mukwonago / C.W. Purpero, Inc.

By: R&W Trucking, Inc.

For: Trucking

same being situated in the county of Waukesha, State of Wisconsin, described as:

Holz Parkway & Miniwaukan Park Pond Dredging

For all labor performed and for all material furnished for the erection, construction, alteration or repair of said building and/or appurtenances, except: None, Final in Full

R&W Trucking, Inc.



Branda Bauer

Printed Name





# CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
11/02/2022

Holder Identifier : ABFFI

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Aon Risk Services Central, Inc. Green Bay WI Office 1175 Lombardi Avenue Suite 350 Green Bay WI 54304 USA		<b>CONTACT NAME:</b> <b>PHONE (A/C. No. Ext):</b> (414) 271-6420 <b>FAX (A/C. No.):</b> (414) 271-4103 <b>E-MAIL ADDRESS:</b>	
<b>INSURED</b> C W PURPERO INC 1190 W. Rawson Avenue Oak Creek WI 53154-1447 USA		<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> Allied World National Assurance Company <b>INSURER B:</b> Zurich American Ins Co <b>INSURER C:</b> American Guarantee & Liability Ins Co <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>	
		<b>NAIC #</b> 10690 16535 26247	

**COVERAGES** **CERTIFICATE NUMBER:** 570096331568 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			GL0013711408	10/01/2022	10/01/2023	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			BAP 0137113-08	10/01/2022	10/01/2023	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
C	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION			AUC013712008	10/01/2022	10/01/2023	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC013711508	10/01/2022	10/01/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000
A	Env Contr Pol			03109522	10/01/2021	10/01/2023	Each claim \$5,000,000 Aggregate \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: CWP PROJECT #1770, HOLZ PARKWAY AND MINIWAUKAN PARK POND DREDGING, MUKWONAGO, WI. VILLAGE OF MUKWONAGO AND RUEKERT & MIELKE INC ARE INCLUDED AS ADDITIONAL INSURED ON A PRIMARY AND NON-CONTRIBUTORY BASIS IN ACCORDANCE WITH THE POLICY PROVISIONS OF THE GENERAL LIABILITY INCLUDING COMPLETED OPERATIONS, AUTO AND UMBRELLA POLICIES. A WAIVER OF SUBROGATION IS GRANTED IN FAVOR OF THE ADDITIONAL INSURED IN ACCORDANCE WITH THE POLICY PROVISIONS OF THE GENERAL LIABILITY, AUTO, UMBRELLA AND WORKERS COMPENSATION POLICIES.

**CERTIFICATE HOLDER****CANCELLATION**

VILLAGE OF MUKWONAGO 440 RIVER CREST COURT MUKWONAGO WI 53149 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE  <i>Aon Risk Services Central, Inc.</i>
---	---

POLICY NUMBER: GLO-013711408

COMMERCIAL GENERAL LIABILITY

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

**SCHEDULE**

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
Anyone required to provide additional insured status in a written contract or written agreement executed prior to loss and where that contract specifically requires the ISO CG2010 07/2004 edition form or the equivalent of same.	Any Location or project, other than a wrap-up or other consolidated insurance program location or project for which insurance is otherwise separately provided to you by a wrap-up or other consolidated insurance program.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

**A. Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

The insurance afforded to such additional insured only applies to the extent permitted by law.

**B.** With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

U-GL-1114-A CW (10/02)

Includes copyrighted material of Insurance Services Office, Inc., with its permission

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

### **SCHEDULE**

<b>Name Of Additional Insured Person(s) Or Organization(s):</b>	<b>Location And Description Of Completed Operations</b>
Anyone required to provide additional insured status in a written contract or written agreement executed prior to loss and where that contract specifically requires the ISO CG2037 07/2004 edition form or the equivalent of same	Any Location or project, other than a wrap-up or other consolidated insurance program location or project for which insurance is otherwise separately provided to you by a wrap-up or other consolidated insurance program.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

**Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that

additional insured and included in the "products-completed operations hazard".

The insurance afforded to such additional insured only applies to the extent permitted by law.

## Waiver Of Subrogation (Blanket) Endorsement

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l. Prem	Return Prem.
GLO-013711408	10/01/2022	10/01/2023	10/01/2022		\$	\$

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

This endorsement modifies insurance provided under the:

**Commercial General Liability Coverage Part**

The following is added to the **Transfer Of Rights Of Recovery Against Others To Us Condition**:

If you are required by a written contract or agreement, which is executed before a loss, to waive your rights of recovery from others, we agree to waive our rights of recovery. This waiver of rights shall not be construed to be a waiver with respect to any other operations in which the insured has no contractual interest.

POLICY NUMBER: BAP-0137113-08

COMMERCIAL AUTO  
CA 20 48 10 13

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM  
BUSINESS AUTO COVERAGE FORM  
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

**Named Insured:**

**Endorsement Effective Date:**

### **SCHEDULE**

**Name Of Person(s) Or Organization(s):**

ANY PERSON OR ORGANIZATION TO WHOM OR WHICH YOU ARE REQUIRED TO PROVIDE ADDITIONAL INSURED STATUS OR ADDITIONAL INSURED STATUS ON A PRIMARY, NON-CONTRIBUTORY BASIS, IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT EXECUTED PRIOR TO LOSS, EXCEPT WHERE SUCH CONTRACT OR AGREEMENT IS PROHIBITED BY LAW.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph A.1. of Section II – Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph D.2. of Section I – Covered Autos Coverages of the Auto Dealers Coverage Form.



# Coverage Extension Endorsement



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem.	Return Prem.
BAP-0137113-08	10/01/2022	10/01/2023	10/01/2022			

## THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the:

**Business Auto Coverage Form**  
**Motor Carrier Coverage Form**

### A. Amended Who Is An Insured

1. The following is added to the **Who Is An Insured** Provision in **Section II – Liability Coverage**:

The following are also "insureds":

- a. Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow for acts performed within the scope of employment by you.
- b. Anyone volunteering services to you is an "insured" while using a covered "auto" you don't own, hire or borrow to transport your clients or other persons in activities necessary to your business.
- c. Anyone else who furnishes an "auto" referenced in Paragraphs **a.** and **b.** above.
- d. Any person(s) or organization(s) where required by written contract or written agreement executed prior to any "accident" provided the "accident" arises out of operations contemplated by such contract or agreement.

2. The following is added to the **Other Insurance** Provision in the **Conditions** Section:

Coverage for any person(s) or organization(s) where required by written contract or written agreement executed prior to any "accident" will apply on a primary basis and any insurance maintained by the additional "insured" will apply on an excess basis. However, in no event will this coverage extend beyond the terms and conditions of the coverage form.

### B. Amendment – Supplementary Payments

Paragraphs **a.(2)** and **a.(4)** of the **Coverage Extensions** Provision in **Section II – Liability Coverage** are replaced by the following:

- (2) Up to \$5,000 for the cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.
- (4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

### C. Fellow Employee Coverage

The **Fellow Employee** Exclusion contained in **Section II – Liability Coverage** does not apply.

### D. Driver Safety Program Liability and Physical Damage Coverage

1. The following is added to the **Racing** Exclusion in **Section II – Liability Coverage**:

This exclusion does not apply to covered "autos" participating in a driver safety program event, such as, but not limited to, auto or truck rodeos and other auto or truck agility demonstrations.

2. The following is added to Paragraph 2. in the **Exclusions of Section III – Physical Damage Coverage** of the Business Auto Coverage Form and Paragraph 2.b. in the **Exclusions of Section IV – Physical Damage Coverage** of the Motor Carrier Coverage Form:

This exclusion does not apply to covered "autos" participating in a driver safety program event, such as, but not limited to, auto or truck rodeos and other auto or truck agility demonstrations.

**E. Lease or Loan Gap Coverage**

The following is added to the **Coverage** Provision of the **Physical Damage Coverage** Section:

**Lease Or Loan Gap Coverage**

In the event of a total "loss" to a covered "auto", we will pay any unpaid amount due on the lease or loan for a covered "auto", less:

- a. Any amount paid under the **Physical Damage Coverage** Section of the coverage form; and
- b. Any:
  - (1) Overdue lease or loan payments at the time of the "loss";
  - (2) Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;
  - (3) Security deposits not returned by the lessor;
  - (4) Costs for extended warranties, credit life insurance, health, accident or disability insurance purchased with the loan or lease; and
  - (5) Carry-over balances from previous leases or loans.

**F. Towing and Labor**

The following is added to Paragraph **A.2.** of the **Physical Damage Coverage** Section:

We will pay up to \$75 for towing and labor costs incurred each time a covered "auto" of the private passenger type is disabled. However, the labor must be performed at the place of disablement.

**G. Extended Glass Coverage**

The following is added to Paragraph **A.3.a.** of the **Physical Damage Coverage** Section:

If glass must be replaced, the deductible will be \$100 or the deductible shown in the Declarations, whichever is less. If glass can be repaired and is actually repaired rather than replaced, the deductible will be waived. You have the option of having the glass repaired rather than replaced.

**H. Hired Auto Physical Damage – Increased Loss of Use Expenses**

The **Loss Of Use Expenses** Provision of the **Physical Damage Coverage** Section is replaced by the following:

**Loss Of Use Expenses**

For Hired Auto Physical Damage, we will pay expenses for which an "insured" becomes legally responsible to pay for loss of use of a vehicle rented or hired without a driver under a written rental contract or written rental agreement. We will pay for loss of use expenses if caused by:

- (1) Other than collision only if the Declarations indicate that Comprehensive Coverage is provided for any covered "auto";
- (2) Specified Causes Of Loss only if the Declarations indicate that Specified Causes Of Loss Coverage is provided for any covered "auto"; or
- (3) Collision only if the Declarations indicate that Collision Coverage is provided for any covered "auto".

However, the most we will pay for any expenses for loss of use is \$100 per day, to a maximum of \$3000.

**I. Personal Effects Coverage**

The following is added to the **Coverage** Provision of the **Physical Damage Coverage** Section:

**Personal Effects Coverage**

- a. We will pay up to \$750 for "loss" to personal effects which are:
  - (1) Personal property owned by an "insured"; and

- (2) In or on a covered "auto".
- b. Subject to Paragraph a. above, the amount to be paid for "loss" to personal effects will be based on the lesser of:
  - (1) The reasonable cost to replace; or
  - (2) The actual cash value.
- c. The coverage provided in Paragraphs a. and b. above, only applies in the event of a total theft of a covered "auto". No deductible applies to this coverage. However, we will not pay for "loss" to personal effects of any of the following:
  - (1) Accounts, bills, currency, deeds, evidence of debt, money, notes, securities, or commercial paper or other documents of value.
  - (2) Bullion, gold, silver, platinum, or other precious alloys or metals; furs or fur garments; jewelry, watches, precious or semi-precious stones.
  - (3) Paintings, statuary and other works of art.
  - (4) Contraband or property in the course of illegal transportation or trade.
  - (5) Tapes, records, discs or other similar devices used with audio, visual or data electronic equipment.

Any coverage provided by this Provision is excess over any other insurance coverage available for the same "loss".

#### **J. Tapes, Records and Discs Coverage**

1. The Exclusion in Paragraph B.4.a. of **Section III – Physical Damage Coverage** in the Business Auto Coverage Form and the Exclusion in Paragraph B.2.c. of **Section IV – Physical Damage Coverage** in the Motor Carrier Coverage Form do not apply.
2. The following is added to Paragraph 1.a. **Comprehensive Coverage** under the **Coverage** Provision of the **Physical Damage Coverage** Section:

We will pay for "loss" to tapes, records, discs or other similar devices used with audio, visual or data electronic equipment. We will pay only if the tapes, records, discs or other similar audio, visual or data electronic devices:

- (a) Are the property of an "insured"; and
- (b) Are in a covered "auto" at the time of "loss".

The most we will pay for such "loss" to tapes, records, discs or other similar devices is \$500. The **Physical Damage Coverage Deductible** Provision does not apply to such "loss".

#### **K. Airbag Coverage**

The Exclusion in Paragraph B.3.a. of **Section III – Physical Damage Coverage** in the Business Auto Coverage Form and the Exclusion in Paragraph B.4.a. of **Section IV – Physical Damage Coverage** in the Motor Carrier Coverage Form do not apply to the accidental discharge of an airbag.

#### **L. Two or More Deductibles**

The following is added to the **Deductible** Provision of the **Physical Damage Coverage** Section:

If an accident is covered both by this policy or coverage form and by another policy or coverage form issued to you by us, the following applies for each covered "auto" on a per vehicle basis:

1. If the deductible on this policy or coverage form is the smaller (or smallest) deductible, it will be waived; or
2. If the deductible on this policy or coverage form is not the smaller (or smallest) deductible, it will be reduced by the amount of the smaller (or smallest) deductible.

#### **M. Physical Damage – Comprehensive Coverage – Deductible**

The following is added to the **Deductible** Provision of the **Physical Damage Coverage** Section:

Regardless of the number of covered "autos" damaged or stolen, the maximum deductible that will be applied to Comprehensive Coverage for all "loss" from any one cause is \$5,000.



#### **N. Temporary Substitute Autos – Physical Damage**

1. The following is added to **Section I – Covered Autos**:

##### **Temporary Substitute Autos – Physical Damage**

If Physical Damage Coverage is provided by this coverage form on your owned covered "autos", the following types of vehicles are also covered "autos" for Physical Damage Coverage:

Any "auto" you do not own when used with the permission of its owner as a temporary substitute for a covered "auto" you do own but is out of service because of its:

1. Breakdown;
  2. Repair;
  3. Servicing;
  4. "Loss"; or
  5. Destruction.
2. The following is added to the **Coverage Provision of the Physical Damage Coverage Section**:

##### **Temporary Substitute Autos – Physical Damage**

We will pay the owner for "loss" to the temporary substitute "auto" unless the "loss" results from fraudulent acts or omissions on your part. If we make any payment to the owner, we will obtain the owner's rights against any other party.

The deductible for the temporary substitute "auto" will be the same as the deductible for the covered "auto" it replaces.

#### **O. Amended Duties In The Event Of Accident, Claim, Suit Or Loss**

Paragraph **a.** of the **Duties In The Event Of Accident, Claim, Suit Or Loss** Condition is replaced by the following:

- a. In the event of "accident", claim, "suit" or "loss", you must give us or our authorized representative prompt notice of the "accident", claim, "suit" or "loss". However, these duties only apply when the "accident", claim, "suit" or "loss" is known to you (if you are an individual), a partner (if you are a partnership), a member (if you are a limited liability company) or an executive officer or insurance manager (if you are a corporation). The failure of any agent, servant or employee of the "insured" to notify us of any "accident", claim, "suit" or "loss" shall not invalidate the insurance afforded by this policy.

Include, as soon as practicable:

- (1) How, when and where the "accident" or "loss" occurred and if a claim is made or "suit" is brought, written notice of the claim or "suit" including, but not limited to, the date and details of such claim or "suit";
- (2) The "insured's" name and address; and
- (3) To the extent possible, the names and addresses of any injured persons and witnesses.

If you report an "accident", claim, "suit" or "loss" to another insurer when you should have reported to us, your failure to report to us will not be seen as a violation of these amended duties provided you give us notice as soon as practicable after the fact of the delay becomes known to you.

#### **P. Waiver of Transfer Of Rights Of Recovery Against Others To Us**

The following is added to the **Transfer Of Rights Of Recovery Against Others To Us** Condition:

This Condition does not apply to the extent required of you by a written contract, executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by such contract. This waiver only applies to the person or organization designated in the contract.

#### **Q. Employee Hired Autos – Physical Damage**

Paragraph **b.** of the **Other Insurance** Condition in the Business Auto Coverage Form and Paragraph **f.** of the **Other Insurance – Primary and Excess Insurance Provisions** Condition in the Motor Carrier Coverage Form are replaced by the following:

For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented under a written contract or written agreement entered into by an "employee" or elected or appointed official with your permission while being operated within the course and scope of that "employee's" employment by you or that elected or appointed official's duties as respect their obligations to you.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

**R. Unintentional Failure to Disclose Hazards**

The following is added to the **Concealment, Misrepresentation Or Fraud** Condition:

However, we will not deny coverage under this coverage form if you unintentionally:

- (1) Fail to disclose any hazards existing at the inception date of this coverage form; or
- (2) Make an error, omission, improper description of "autos" or other misstatement of information.

You must notify us as soon as possible after the discovery of any hazards or any other information that was not provided to us prior to the acceptance of this policy.

**S. Hired Auto – World Wide Coverage**

Paragraph (5)(a) of the **Policy Period, Coverage Territory** Condition is replaced by the following:

- (a) A covered "auto" is leased, hired, rented or borrowed for a period of 60 days or less; and

**T. Bodily Injury Redefined**

The definition of "bodily injury" in the **Definitions** Section is replaced by the following:

"Bodily injury" means bodily injury, sickness or disease, sustained by a person including death or mental anguish, resulting from any of these at any time. Mental anguish means any type of mental or emotional illness or disease.

All other terms and conditions of this policy remain unchanged.

**WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT**

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

**ALL PERSONS AND/OR ORGANIZATIONS THAT ARE REQUIRED BY WRITTEN CONTRACT OR AGREEMENT WITH THE INSURED, EXECUTED PRIOR TO THE ACCIDENT OR LOSS, THAT WAIVER OF SUBROGATION BE PROVIDED UNDER THIS POLICY FOR WORK PERFORMED BY YOU AND FOR THAT PERSON AND/OR ORGANIZATION**

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective Policy No. **WC-013711508** Endorsement No.

Insured Policy Term: 10/01/2022 - 10/01/2023 Premium \$

Insurance Company

Countersigned By \_\_\_\_\_



## Agenda Cover Report

<b>Date:</b> <b>10/12/22</b>	<b>Committee/Board:</b> <b>Public Works Committee</b>
<b>Submitted by:</b> <b>Ron Bittner/Wayne Castle</b>	<b>Department:</b> <b>Public Works/Utilities</b>
<b>Date of Committee Action: 12/7/22</b>	<b>Date of Village Board Action: 12/21/22</b>

<b>Subject:</b> Resolution adopting Village Standard Specifications for constructing village infrastructure.
<b>Executive Summary:</b> Village Standards and Specifications ensure quality and consistency when village infrastructure is installed. The document calls out detailed construction methods required by state/federal or and village preferred parts. The document was a collaboration of Public Works, Utilities and the Village Engineer and may be modified at times in the best interest of the village or when required by state and /or federal law.
<b>Fiscal Impact:</b> NA
<b>Executive Recommendation/Action:</b> We are requesting a recommendation to approve the adoption of the Village of Mukwonago Stand Specifications and that the Public Works and Utilities Directors reserve the right to modify the document in the best interest of the village.

☐ **Attachments Included**

## VILLAGE OF MUKWONAGO STANDARD SPECIFICATIONS AND DETAIL DRAWINGS (Mukwonago Standards)

The Village shall be responsible for hiring an engineering inspector for all projects within the Village. An inspector shall be onsite to verify all activities. On developer projects the full cost of inspection services, whether with Village forces or contracted out, shall be 100% reimbursed by the developer.

A construction schedule shall be approved by the Village prior to any work commencing. Any changes to the approved schedule shall be made in writing and approved by the Engineer, prior to any inspection services commencing, otherwise any costs incurred by the Village or it's representative, will still be borne by the developer.

These Standard Specifications shall be adopted by the Village Board. The Public Works Director or Utilities Director reserve the right to make necessary changes to these documents after they have been formally adopted.

Current Edition: NOVEMBER 2022

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11/10/22

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## SECTION 32 90 00

### PLANTING

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

- A. Topsoil.
- B. Permanent seeding. Includes nurse crops.
- C. Sodding.
- D. Fertilizing.
- E. Maintenance.
- F. Mulching.
- G. Restoring utility company trenches.

##### 1.02 REFERENCES

- A. ASNS: American Standard for Nursery Stock, ANSI; Z60.1 by the American Association of Nurserymen.
- B. Technical Standard: Wisconsin Department of Natural Resources (DNR) Storm Water Construction Technical Standards:  
[http://dnr.wi.gov/topic/stormwater/standards/const\\_standards.html](http://dnr.wi.gov/topic/stormwater/standards/const_standards.html).
- C. DNR Specification: Wisconsin Department of Natural Resources Specifications S100-Compost: [http://dnr.wi.gov/topic/stormwater/documents/specifications\\_S100Compost.pdf](http://dnr.wi.gov/topic/stormwater/documents/specifications_S100Compost.pdf).

##### 1.03 DEFINITIONS

- A. Weeds: Bent grass, bermuda grass, bindweed, bird's-foot trefoil, blackberry, brome grass, canada thistle, chickweed, crabgrass, cress, crown vetch, dandelion, foxtail, garlic mustard, horsetail, jimsonweed, johnson grass, lambs quarter, leafy spurge, morning glory, mustard, narrow-leaved cattail, nimble will, nutgrass, nut sedge, perennial sorrel, poison ivy, poison oak, purple loosestrife, quack grass, ragwort, reed canary grass, rush grass, spotted knapweed, sweet clover, tansy, teasel, wild parsnip, or any others listed in Section 23.235 or 66.0407 of Wis. Stats.
- B. Plants: Living trees, shrubs, and herbaceous plants specified in this Section.
- C. Project completed and ready for final payment: General Conditions 15.06.A.1.
- D. Defective: See General Conditions 1.02. Includes plants that are dead, show disease, weakness, or probability of death.
- E. Full growing season: Period from April 15 to November 15.

##### 1.04 SUBMITTALS

- A. Action:
  - 1. Submit the following to the Engineering Department prior to beginning work:
    - a. Seed data including source, species, mix composition, documentation of PLS (pure live seed) testing, percentage by weight, and percentages of purity, germination and weed.
    - b. Starter mix backfill material and fertilizers. Show certified analysis and component product data.
    - c. Product data for PAL-listed soil stabilizer product.
    - d. Anti-desiccant product data.
    - e. Herbicide product data.

- B. Informational:
  - 1. Submit the following to the Engineering Department:
    - a. Name and address of nursery supplying plantings or plugs.
    - b. Description of at least 5 successfully completed projects by proposed installer of similar size and scope as Work in this Project.
    - c. Statement of qualifications for proposed installer's on-site supervisor including similar project summaries with contact names and project descriptions.
    - d. Seed bag certification tags stating seed species, mix composition, documentation of PLS (pure live seed) testing, percentage by weight, and percentages of purity, germination and weed seed for each seed species.
    - e. Plantings and native plant plugs tags or shipping documents identifying source, species, size, and quantities of stock.
  - 2. Submit the following to the Engineering Department:
    - a. Maintenance instructions listing procedures and timing to be followed by Contractor and Owner for:
      - 1) Native seed and plug Work, submit 3-year plan.
      - 2) Trees, include trunk wrap and stake removal items.

## 1.05 QUALITY ASSURANCE

- A. Native seed:
  - 1. Mix: True to species. Cultivars and hybrids will not be permitted.
  - 2. Genotype grown or collected from within a 100-mile radius of Site. If stock is not available from within a 100-mile radius, obtain from source(s) within same EPA Level III Ecoregion as Site.
  - 3. Installer:
    - a. Specialized in installing native seed work with minimum 5 years experience.
    - b. On-site supervisor: Minimum 5 years experience with native seed work projects.
- B. Commercial herbicide applicator certified and licensed by State of Wisconsin for pesticide application.

## 1.07 DELIVERY STORAGE AND HANDLING

- A. Ship, store, and handle seed to ensure protection from moisture, heat, rodents, and other conditions that jeopardize viability and cause germination before installation. Discard damaged seeds.
- B. Deliver and store plant plugs to protect from drying winds and direct sunlight. Store plugs in shaded locations and maintain moist packing soil until planting.



- C. Dig and handle plant stock to prevent injuries to trunk, branches, and roots. Prevent tops from drying during transport. Handle plants by earth balls or containers.

#### 1.08 SCHEDULING

- A. Perform permanent turf grass seeding between March 15 and October 1. Outside these dates temporarily stabilize Site following 01 57 13. Dormant seed between November 15 and December 15.
- B. Perform no-mow lawn seeding between March 30 and June 1, or between August 21 and September 21. Outside these dates temporarily stabilize Site following 01 57 13. Dormant seed between November 15 and December 15.
- C. Perform native plant seeding in spring before June 15 or after September 15 and before ground is snow-covered. Between June 15 and September 15 temporarily stabilize Site following 01 57 13.
- D. Plant native plant plugs between March 30 and August 31.
- E. Apply herbicide between April 1 and October 1.

#### 1.09 WARRANTIES

- A. Correction Period: One year that begins on date Project is completed and ready for final payment. Period shall be extended for defective Work that is corrected, or removed and replaced. Follow General Conditions 15.08.
- B. Defects and damage due to animal depredation and weather extremes are excluded from warranty.

#### 1.10 MAINTENANCE

- A. Perform all maintenance for landscaping until Project is completed and ready for final payment. For native plant seeding and plug work, perform initial part of approved 3-year Maintenance Instructions.
- B. After Project is completed and ready for final payment, Owner will perform maintenance procedures presented in approved Maintenance Instructions submitted by Contractor.

#### 1.11 METHODS

- A. Primary Method: Topsoil, seed, fertilizer, and mulch shall be used on all projects within the Village unless otherwise approved by the Public Works and Utilities Departments.
- B. Hydroseed and Mulch: The use of Hydroseed or Mulch is at the Contractor's discretion. Contractor must adhere to specifications for each detailed hereafter. If Hydroseed is used, Contractor shall clean sidewalks and roadways of any excess material immediately after application.
- C. Sodding: Sod is project specific and must be approved by the Public Works and Utilities Department prior to use.
- D. Erosion Mat: Erosion mat is project specific and must be approved by the Public Works, Utilities Department, or Engineer prior to use. Contractor shall follow WDNR Technical Standard 1052.

## PART 2 - PRODUCTS

### 2.01 WATER

- A. Free from impurities harmful to plants.

### 2.02 TOPSOIL

- A. Site-salvaged humus-bearing soil screened before final placement.
- B. Imported: Humus-bearing loam-type soil with a pH level between 6.0 and 7.0, screened before final placement.
- C. Screened: Mechanically screened free of roots, sticks, branches and stones greater than ½ - inch diameter.

### 2.03 SEEDING MATERIALS

- A. Follow State Specification 630.
- B. Permanent turf grass seed: Deluxe 50 seed mix by Reinders, Inc., Waukesha, WI, Phone: 262-524-0200, or equivalent as approved by Engineer.
- C. No-mow lawn seed: "No Mow" lawn mix from Prairie Nursery, P.O. Box 306, Westfield, WI 53964, Phone: 1-800-476-9453, or equivalent as approved by Engineer.
- D. Temporary cover crop seed: Follow WDNR Technical Standard 1059.
- E. Native plant seed:
  - 1. ● \_\_\_\_\_ ● Seed Mix from Prairie Nursery, P.O. Box 306, Westfield, WI 53964, Phone: 1-800-476-9453.
  - 2. ● \_\_\_\_\_ ● Seed Mix from JFNew, 1402 Pankratz St., Suite 302, Madison, WI 53704, Phone: 608-240-1453.
  - 3. ● \_\_\_\_\_ ● Seed Mix from Agrecol, 2918 Agriculture Drive, Madison, WI 53718, Phone: 608-226-2544.
  - 4. Or equivalent as approved by Engineer.
- F. Nurse crop seed: Annual oats or annual ryegrass.
- G. Turf grass seed fertilizer:
  - 1. Granular or liquid marked with content analysis.
  - 2. 1-2-1 nitrogen-phosphorous-potassium ratio.
  - 3. At least 50 percent of nitrogen content in organic, slow-release form.
- H. No-mow lawn seed and native plant seed fertilizer: None.
- I. Soil stabilizer: Land application. Follow Technical Standard 1050. Use PAL-listed product(s).
- J. Hydromulch: Hydraulically applied wood fiber or wood fiber blend mulch.
- K. Erosion control mats. Follow WDNR Technical Standard 1052.

### 2.04 SODDING MATERIALS – ONLY ALLOWED IF APPROVED BY PUBLIC WORKS AND UTILITIES DEPARTMENT

- A. Sod:
  - 1. Dense, well-rooted permanent and desirable grasses, weed free with lush appearance cut in uniform commercial strips. Thickness should be full and uniform, approximately 3/4-inch or more.
  - 2. If sod is in dry condition before cutting, ensure that sufficient water is applied to sod 12 hours before cutting to provide a sod strip well moistened throughout cutting depth.
- B. Sod fertilizer:
  - 1. Granular or liquid, marked with content analysis.
  - 2. 3-1-2 nitrogen-phosphorous-potassium ratio.
  - 3. At least 50 percent of nitrogen content in organic, slow-release form.

## 2.05 NATIVE PLANT PLUG MATERIALS

- A. Plant plugs: See Drawings for planting schedule and locations.
  - 1. Size: Minimum 2-1/4 inches in diameter and 4-3/4 inches deep.
  - 2. Root systems shall be well developed throughout the soil volume, but not overly root bound.
  - 3. Plant tops should be adequately developed, viable, healthy, and sufficiently hardened for outdoor planting.
- B. Starter mix backfill material: Compost, peat moss and topsoil at a ratio of two parts topsoil to one part compost/peat moss blend by volume.
  - 1. Compost: Follow DNR Specification S100.
  - 2. Peat moss: Brown to black color with at least 75-percent partially decomposed stems and leaves.
- C. Fertilizer: None.
- D. Mulch: Shredded hardwood bark from disease-free trees.
- E. Staples: 6-inch U-shaped wire erosion control mat staples.

## PART 3 - EXECUTION

### 3.01 TOPSOIL

- A. Preparation:
  - 1. Eliminate uneven areas and low spots. Remove debris, roots, branches, stones in excess of 1/2 inch in size.
  - 2. Scarify subgrade to 6 inches depth by ripping, tilling, disking, or other method where topsoil is scheduled and where equipment used for hauling and spreading topsoil has compacted subsoil.
  - 3. Minimize compaction during grading operations by utilizing equipment having low unit pressure ground contact and by limiting repeat passes over the same areas in areas to receive topsoil.
- B. Placement depths.
  - 1. Turf grass seed and sod subgrade: 4 inches.
  - 2. No-mow lawn seed: 4 inches.
  - 3. Native seed and native plant plugs: 6 inches.
- C. Installation:

1. Use topsoil in relatively dry state. Place during dry weather.
  2. Fine grade topsoil eliminating rough or low areas. Break down clods and lumps with appropriate equipment that creates uniformly textured soil. Maintain levels, profiles, and contours of subgrade.
  3. Remove stone, roots, and branches exceeding 1/2-inch sieve, and foreign material, and clods that cannot be broken down while spreading.
  4. Manually spread topsoil uniformly around trees, plants and building to prevent damage.
  5. Lightly compact placed topsoil by hand rolling, so as to negate any detrimental differential settling.
  6. Remove surplus subsoil and topsoil from Site. Leave stockpile areas ready to receive landscaping.
- D. For no-mow and native seeding, and native plug planting:
1. Apply soil stabilizer over newly spread topsoil.
  2. Allow weed seeds to germinate and grow to one-foot height after topsoil placement.
  3. Mow weeds to 4 inches high or less 10 days before applying herbicide.
  4. Coat all green growth on germinated weeds with herbicide to kill.
  5. Repeat herbicide application after 14 days if vegetation persists, and a minimum of 7 days before seeding or planting.
- E. Finish grade tolerance: Plus-or-minus 1/2 inch.
- 3.02 TURF GRASS SEEDING
- A. Preparation:
1. Before seeding, disk, harrow, drag, and rake to form a level and loose seed bed. Lightly hand roll topsoil before final raking to eliminate soft spots and mounds.
  2. Notify Engineer to allow inspection after fine grading and before seeding.
- B. Permanent installation:
1. Hydroseed over prepared bed using a sprayed water. Keep contents stirred to allow for uniform distribution. Seeds remaining in water for longer than one hour will be rejected. Add hydromulch and a tackifier to hydroseed tank and apply with seed and fertilizer following manufacturer's instructions to produce mulch coverage rate of uniform maximum 1/4-inch depth.
  2. Sowing rate:
    - a. Turf grass: 4.5 pounds per 1000 square feet. Double rate for dormant seeding.
    - b. Temporary cover crop: Follow WDNR Technical Standard 1059.
  3. Uniformly apply fertilizer and lightly disc or harrow into soil in conjunction with final topsoil preparation, before seeding.
  4. Fertilizer rate: 7 pounds per 1000 square feet.
  5. Place mulch within 2 days after completing seeding. Uniformly spread weed-free straw or hay mulch over designated area to loose depth of 1/2 to 1-1/2 inches. Immediately after spreading, anchor mulch with mulch crimper, spacing 20-inch diameter discs at 8-inch centers. Impress mulch into soil 1/2 to 2-1/2 inches deep in one pass of crimper. Do not use on slopes steeper than 3H:1V.
  6. Protect seeded areas to prevent damage to completed installation.
  7. Place erosion control mats on slopes greater than 3H:1V and other areas shown on Drawings. Follow WDNR Technical Standard 1052.
- C. Maintenance:
1. Water seeded areas as follows:
    - a. First day (after seeding and fertilizing): 1-1/2 inches water.

- b. Days 2-14 (or until complete germination, whichever comes last): 1/2 inches water every other day.
  - c. As needed after complete germination to maintain a uniform stand of healthy grass.
  - d. Natural rain events may substitute for watering, but perform additional watering on rain-event days to achieve stipulated water amounts.
- 2. Lawn areas shall receive at least two 2-inch mowings before acceptance. Do not allow grass height to exceed 4 inches.
- 3. Reseed areas that show inadequate catch and bare spots exceeding 2 square feet. Bare spots shall not exceed 3 percent of total seeded areas.
- 4. Correct damage from erosion, gullies, washouts, traffic, or other causes by filling with topsoil, tamping, refertilizing, and reseeding.
- 5. Protect grass areas during maintenance period.

### 3.03 NATIVE PLANT SEEDING AND NO-MOW LAWN SEEDING

#### A. Preparation:

- 1. Do not seed until topsoil has been chemically treated to eliminate weeds. Follow Article 3.01.
- 2. Before seeding, till under any existing temporary cover crop to a minimum depth of 6 inches.
- 3. Disk, harrow, drag, and rake to form a level and loose seed bed. Lightly roll before final raking of topsoil to eliminate soft spots and mounds.
- 4. Notify Engineer to allow inspection after fine grading and before seeding.

#### B. Permanent installation:

- 1. Hydroseed over prepared bed using a sprayed water. Keep contents stirred to allow for uniform distribution. Seeds remaining in water for longer than one hour will be rejected.
- 2. Seed sowing rates:
  - a. Native plant seed: Follow manufacturer's recommendations.
  - b. No-mow lawn seed: Follow manufacturer's recommendations. Double rate for dormant seeding.
  - c. Nurse crop:
    - 1) Annual oats: 1.5 pounds per 1000 square feet if seeded before June 15. 3 pounds per 1000 square feet if seeded after September 15.
    - 2) Annual ryegrass: 0.2 pounds per 1000 square feet if seeded before June 15. 0.6 pounds per 1000 square feet if seeded after September 15.
  - d. Temporary cover crop: Follow WDNR Technical Standard 1059.
  - e. Calibrate equipment used to deliver seed to specified seeding rates.
- 3. Fertilizer: None.
- 4. Place mulch within 2 days after seeding. Maximum mulch depth shall be 1/4 inch. Uniformly spread weed-free straw or hay mulch the designated area to a loose depth of 1/2 to 1-1/2 inches. Immediately after spreading, anchor mulch with mulch crimper, spacing 20-inch diameter discs at 8-inch centers. Impress mulch into soil 1-1/2 to 2-1/2 inches deep in one pass of crimper. Do not to use on slopes steeper than 3H:1V.
- 5. Protect seeded areas to prevent damage to completed installation.
- 6. Place erosion control mats on slopes greater than 3H:1V and where shown on Drawings. Follow WDNR Technical Standard 1052.

#### C. Maintenance:

1. For no-mow lawn seed, and native plant seed placed before June 15, water as follows; natural rain events may substitute for watering, but perform additional watering on rain event days to achieve stipulated water amounts:
  - a. First day (after seeding and mulching): 1-1/2 inches water.
  - b. Days 2 - 45: 1/2-inch water every other day.
  - c. As needed after germination to maintain uniform stand of healthy vegetation.
2. Do not water native plant seed placed after September 15.
3. Achieve 90-percent vegetation with native species or nurse crop species, as verified by Engineer. At no time during maintenance period shall more than 10 percent of seeded area be dominated by weed species.
4. Reseed areas that show inadequate germination and bare spots exceeding 25 square feet. Bare spots shall not exceed 3 percent of total seeded areas.
5. Correct damage resulting from erosion, gullies, washouts, traffic, or other causes by filling with topsoil, tamping, refertilizing, and reseeding.
6. Chemically treat areas dominated by weed species at least two times before reseeding. Follow Article 3.01.
7. Protect seeded areas during maintenance period.

#### 3.04 SODDING

- A. Preparation:
  1. Ensure area is free from stones, roots, and undesirable materials. Loosen soil to at least one inch deep.
  2. Apply fertilizer uniformly over soil before sodding then work fertilizer into soil while preparing.
- B. Installation:
  1. Moisten earth bed to loosened depth if not already sufficiently moist. Place sod within 24 hours of being cut in strips of commercial size where possible (no pieces smaller than 18 by 24 inches). Stagger joints and place tightly against previously laid strip. Roll sod or lightly tamp with wooden or metal tampers.
  2. Stake every 18 to 36 inches along length of strips on slopes steeper than 4H:1V and in drainage components. Stakes should hold sod firmly in place. Lay sod perpendicular to direction of slope so end joints alternate.
  3. Clear excess soil from sod surface.
  4. Repair and re-sod damage resulting from erosion, gullies, washouts or other causes.
  5. Protect sodded areas during maintenance period. Maintain sodded areas by watering for at least 30 days to prevent drying and shrinking. Re-sod and maintain areas that dry out or fail to establish.

#### 3.05 NATIVE PLANT PLUG INSTALLATION

- A. Preparation:
  1. Before planting, till under any existing temporary cover crop to at least 6 inches deep.
  2. Disk, harrow, drag, and rake to form a level and loose seed bed. Lightly roll topsoil before final raking to eliminate soft spots and mounds.
  3. Notify Engineer to allow inspection after fine grading and before planting.
- B. Installation:
  1. Install plugs in auger-drilled holes that are within plus 0.75 and minus 0.25 inches of plug diameter and depth.
  2. Space plant plugs one-foot apart.

3. In wetland or shoreline areas with potential for high wave action, secure plugs in place with 8-inch U-shaped wire erosion control blanket staples.
- C. Maintenance:
1. Care for plants after planting. This includes watering, weeding, and other Work necessary to keep plants neat and healthy.
  2. Perform watering at 10 to 14-day intervals between May 15 and October 15. Intervals may lengthen or shorten depending upon weather conditions.
  3. At the end of the first full growing season after planting, at least 75 percent of individual plugs installed shall be present as live individuals and 75 percent of species installed shall be present and alive.
  4. Survival percentages shall be established by sampling of one square meter quadrants located at regular intervals along transects. The quantity of quadrants shall be as needed to represent 0.2 percent of the total planting area in each planting zone, and there shall be at least one randomly located transect in each planting zone.

END OF SECTION

SECTION 33 05 00  
COMMON WORK RESULTS FOR UTILITIES

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Bedding, cover and backfill.
- B. Location aids.
- C. Insulation.
- D. Polyethylene film wrap.
- E. Connections between dissimilar pipes.
- F. Excavation in pavement.
- G. Excess excavated material.
- H. Trench surface restoration.

1.02 RELATED SECTIONS

- A. 32 90 00 - Planting.
- B. 33 11 00 - Water Utility Distribution Piping.
- C. 33 30 00 - Sanitary Sewerage.
- D. 33 40 00 - Storm Drainage.
- E. 34 71 00 - Roadway Construction.

1.03 SUBMITTALS

- A. Action:
  - 1. Submit to Public Works and Utilities Department:
    - a. Product data.
    - b. Mechanical trench compaction reports.
- B. Informational:
  - 1. Submit documentation showing permits have been obtained from Owner and from Regulatory Agencies for excess material disposal sites to Public Works and Utilities Department prior to beginning any work.

PART 2 - PRODUCTS

2.01 UTILITY PIPE AND APPURTENANCE MATERIALS

- A. Water Utility Distribution Piping: Follow 33 11 00.



B. Sanitary Sewerage: Follow 33 30 00.

C. Storm Drainage: Follow 33 40 00.

## 2.02 BEDDING AND COVER MATERIALS

A. Crushed stone chips: Follow SWS 8.43.2.

B. Sand: Follow SWS 8.43.2 Table 35.

C. Around and over Underground Facilities: Granular backfill.

D. Polyethylene pipe embedment: 3/8 inch crushed stone chips. Follow SWS 8.43.2.

E. Cover: Same material as bedding.

## 2.03 BACKFILL

A. Granular: Granular Backfill shall be used on new installation and mainline reconstruction projects. Follow SWS 8.43.4.

B. Spoil: Spoil Backfill shall meet the gradation of granular backfill per SWS 8.43.5. Approval required from Public Works and Utilities Department before Spoil Backfill may be used. Follow SWS 8.43.5.

C. Aggregate slurry: To be used for existing spot repairs. Follow SWS 8.43.8.

## 2.04 LOCATION AIDS

A. Warning tape:

1. "Terra Tape Standard" by Reef Industries, Inc. or "Shieldtec" standard non-detectable tape by Empire Level Manufacturing Corporation.
2. Tape shall read:
  - a. Water: "CAUTION WATER LINE BURIED BELOW".
  - b. Sanitary: "CAUTION SEWER LINE BURIED BELOW".
  - c. Storm: "CAUTION SEWER LINE BURIED BELOW".
3. Color: Follow State Statutes 182.0175 and American National Standards Institute (ANSI) Uniform Color Code:
  - a. Water: Blue.
  - b. Sanitary: Green.
  - c. Storm: Brown.
4. Width: 3 inches.

B. Tracer wire:

1. Follow SWS 2.11.0.
2. For open-cut: Direct-burial-rated insulated AWG #10 copper conductor.
3. For trenchless installation:
  - a. Aircraft cable, nylon-coated stainless-steel, 3/8-inch diameter.
4. Splices: Copperhead Dry Conn 3-way direct bury lug or approved equal.
5. Color:
  - a. Water: Blue.
  - b. Sanitary: Green.
  - c. Storm: Brown

- C. Location boxes for tracer wire access.
    - 1. Buried:
      - a. SnakePit Test Station, by Copperhead Industries, or approved equal.
  - D. Grounding anode rod to have a minimum of 1.5 pounds of magnesium and 12 gauge wire lead.
  - E. Marker flag: Follow 33 11 00.
    - 1. HYDRAFINDER or approved equal.
    - 2. 5 feet long.
    - 3. Fiberglass, red and white, fully wrapped/taped.
    - 4. Spring load action.
- 2.05 SURFACE RESTORATION
- A. Pavement: Follow 34 71 00.
    - 1. Asphalt pavement: Follow WisDOT Standard Specification 460.
    - 2. Concrete pavement: Follow WisDOT Standard Specification 415.
  - B. Lawn: Follow SWS 2.7.4 Type C. Follow 32 90 00.
  - C. Curb and gutter: Follow WisDOT Standard Specification 601. Follow 34 71 00.
  - D. Concrete sidewalk: Follow WisDOT Standard Specification 602. Follow 34 71 00.
  - E. Temporary seeding: Follow WDNR Technical Standard 1059.
- 2.06 INSULATION
- A. Follow SWS 8.50.0.
- 2.07 POLYETHYLENE FILM WRAP
- A. Follow SWS 8.21.0.
  - B. Hydrants, Valves, and Fitting shall be wrapped in a single layer 8-mil thickness, and secured with tape.

### PART 3 - EXECUTION

#### 3.01 CONNECTING DISSIMILAR PIPE MATERIALS

- A. Follow pipe manufacturers' recommendations and design details.

#### 3.02 EXCAVATION IN PAVEMENT

- A. Pavement sawing: Follow State Specifications 690.3 cut depth: Full pavement thickness.
  - .
- B. Sealed surface pavement: Cut evenly along excavation edges before removal to avoid excess removal or ragged, uneven edges.
- C. Utility trench cut locations: Follow SWS File No. 1 Drawing.

- D. Bridging: Furnish and install trench bridging over open trenches crossing roadways when requested by Engineer. Use steel plates, composite timber construction, or prefabricated structural steel members. Do not fabricate structural steel bridging on job Site. Design to support HS-20 wheel loading. Secure installed bridging against shifting. Do not leave bridging in roadway during winter months without Engineer's approval.

### 3.03 UTILITY PIPE AND APPURTENANCE INSTALLATION

- A. Water Utility Distribution Piping: Follow 33 11 00.
- B. Sanitary Sewerage: Follow 33 30 00.
- C. Storm Drainage: Follow 33 40 00.

### 3.04 POLYETHYLENE FILM WRAP

- A. Follow SWS 4.4.4.
- B. All ductile iron or cast iron.
  - 1. Mains.
  - 2. Laterals.
  - 3. Fittings.

### 3.05 LOCATION AIDS

- A. Tracer wire:
  - 1. SWS 2.11.0.
  - 2. Tape maximum of 10-foot spacing at crown of pipe.
  - 3. Test detector wire continuity prior to acceptance of pipe installation.
- B. Install tracer wire at:
  - 1. Water mains.
    - a. Every hydrant. Extend detector wire through a test station box that is to be located adjacent to the hydrant.
  - 2. Sanitary and Storm Sewers, laterals.
    - a. Every manhole.
    - b. Sanitary wires should be brought to the surface in a test station box adjacent to the manhole. Do not place wires below the frame.
    - c. Every sanitary and storm lateral. Extend detector wire to end of lateral at right of way and bring to surface in a test station box.
- C. Grounding anode rod:
  - 1. Install at every hydrant using wire connector extended from main.
  - 2. Install at every curb stop box using wire connector extended from main.
- D. Demonstrate continuity of tracer wires to Engineer. Provide a temporary above-ground wire between adjacent location boxes. Connect ohm meter in a series loop with tracer wire and above-ground wire. Circuit resistance shall not exceed 5 ohms.
- E. Test locating. Contact Owner to locate all utilities.
  - 1. After completion of continuity test.
  - 2. Before acceptance for use.

3.06 EXCAVATED MATERIAL

- A. Surplus excavated shall be disposed at Contractor's cost. Follow submittal requirements for each disposal site utilized. After delivery to the designated location, such material shall be graded level by Contractor.

3.07 INSULATION

- A. Follow SWS 4.17.2 and SWS Drawing File No. 48 when requested by Engineer or when depth of cover is less than 7 feet over sanitary sewer, water main and force main or where storm sewers cross over water main or laterals.

3.08 BEDDING AND COVER

- A. Follow SWS 3.2.6(b) Class B, except use 6 inches of bedding material.

3.09 TRENCH BACKFILLING AND CONSOLIDATION

- A. Material:
  - 1. From 5 feet behind existing or future back-of-curb or edge-of-pavement to and including paved areas and driveways:
    - a. Granular. Follow 34 71 00.
    - b. Aggregate slurry. Use in private utility trenches or where shown or as directed by Engineering Department.
  - 2. Around and over Underground Facilities: Granular backfill.
- B. Consolidation:
  - 1. Mechanically compact trench backfill. Follow SWS 2.6.14(b) except Contractor shall furnish and pay for compaction testing services deemed necessary by the Engineering Department.

3.10 SURFACE RESTORATION

- A. Pavement: Follow 34 71 00.
- B. Lawn: Follow 32 90 00.
- C. Curb and gutter: Follow 34 71 00
- D. Concrete sidewalk: Follow 34 71 00
- E. Temporary seeding: Follow WDNR Technical Standard 1059..

3.11 CLEARING AND GRUBBING

- A. Follow SWS 2.1.2. Cleanly prune damaged trees.

3.12 CLEANUP

- A. Clean dirt and construction material from haul roads:
  - 1. At end of each working day.
  - 2. As needed during the day to avoid creating hazards or complaints.
  - 3. As requested by Owner.

END OF SECTION

## SECTION 33 11 00

### WATER UTILITY DISTRIBUTION PIPING

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

- A. Water mains, control and distribution appurtenances.

##### 1.02 RELATED SECTIONS

- A. 01 33 00 - Submittal Procedures.
- B. 33 05 00 - Common Work Results for Utilities.

##### 1.03 REFERENCES

- A. Wisconsin Administrative Code Chapters:
  - 1. NR 105 - Surface Water Quality Criteria and Secondary Values for Toxic Substances.
  - 2. NR 106 - Procedures for Calculating Water Quality Based Effluent Limitations for Point Source Discharges to Surface Waters.
- B. ASTM International.
  - 1. ASTM C478 Standard Specification for Precast Reinforced Concrete Manhole Sections.
  - 2. ASTM C858 Standard Specification for Underground Precast Concrete Utility Structures.
  - 3. ASTM C913 Standard Specification for Precast Concrete Water and Wastewater Structures.
  - 4. ASTM C923 - Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes and Laterals.
- C. American Water Works Association (AWWA):
  - 1. AWWA C104 - Cement-Mortar Lining for Ductile-Iron Pipe and Fittings.
  - 2. AWWA C110 - Ductile-Iron and Gray-Iron Fittings.
  - 3. AWWA C150 - Thickness Design of Ductile-Iron Pipe.
  - 4. AWWA C151 - Ductile-Iron Pipe Centrifugally Cast.
  - 5. AWWA C502 - Dry Barrel Fire Hydrants.
  - 6. AWWA C504 - Rubber Seated Butterfly Valves.
  - 7. AWWA C509 - Resilient Seated Gate Valves for Water Supply Service.
  - 8. AWWA C550 - Protective Interior Coatings for Valves and Hydrants.
  - 9. AWWA C900 - Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings 4 In. Through 12 In. for Water Distribution.
  - 10. AWWA C905 - Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings 14 In. Through 48 In.

##### 1.04 SUBMITTALS

- A. Action:
  - 1. Submit to Water Utility and Engineering Department:
    - a. Product data.
    - b. Water main safe sample test reports.

## PART 2 - PRODUCTS

### 2.01 LEAD REDUCTION

- A. Products and parts thereof with wetted surfaces in contact with drinking water shall meet or exceed the requirements of Public Law 111-380-Reduction of Lead in Drinking Water Act, which is an amendment to the Safe Drinking Water Act.

### 2.02 WATER MAIN PIPE AND APPURTENANCES

- A. Pipe, 3-inch and larger. Provide one type from following:
  - 1. Ductile iron:
    - a. For 3-inch diameter: Follow AWWA C151, thickness Class 53 with cement lining.
    - b. For 4-inch diameter and larger: Follow AWWA C151 Class 52 with cement lining.
    - c. Tyton gasketed joint pipe.
    - d. Cable bond connectors.
    - e. Follow SWS 8.18.0.
  - 2. PVC:
    - a. For 4 through 60-inch diameter: Follow AWWA C900, CIOD Class 235 pressure pipe with DR 18 or less.
    - b. Integral elastomeric bell and spigot joints.
    - c. Follow SWS 8.20.0.
- B. Butterfly valves:
  - 1. Follow AWWA C-504 and SWS 8.28.0. All valves 16-inch or larger shall be butterfly valves manufactured by M&H (450), Mueller Line Seal, Clow (2810-F5365). Valves shall have non-rising stems, epoxy coating, stainless steel bolts, mechanical joint ends, turn counterclockwise to open, and a 2-inch square operating nut.
- C. Resilient seated gate valves:
  - 1. Follow AWWA C509 or C515 including:
    - a. Nonrising stem.
    - b. Mechanical joint.
    - c. Actuator: wrench nut.
    - d. Opens counterclockwise.
    - e. Stem seals: O-ring.
    - f. Epoxy interior and exterior coating following ANSI/AWWA C550.
    - g. Stainless steel bolts.
    - h. 2-inch square operating nut.
    - i. Follow SWS 8.27.0.
  - 3. American Flow Control Series 2500 (formerly Waterous).
  - 4. Kennedy 8571 or 7571
  - 5. Clow C-509 Series, Clow C2640.
  - 6. Mueller 2360 or 2361.
- D. Valve enclosures:
  - 1. Boxes:
    - a. Cast iron assembly, 668 style, cover marked "WATER".
    - b. American Made Manufacturers: Tyler 6850, East Jordan 8550
    - c. Follow SWS 8.29.0.
    - d. Valve box adapters: Adaptor, II
    - e. If operating nut is greater than 7-feet in depth, operating nut shall be brought up to within 4-feet of finished grade, plus or minus 6-inches.

- E. Hydrant assembly.
1. Follow AWWA C502 and SWS 8.26.0:
    - a. Bury depth: 6'-6" minimum.
    - b. Opens counterclockwise.
    - c. Break-flange.
    - d. 5-1/2 inch minimum main valve opening, two National Standard 2-1/2 inch hose nozzle and 5 - inch Storz pumper nozzle.
    - e. Paint:
      - i. Public: red.
      - ii. Private: yellow.
    - f. Mechanical joint connection.
    - g. Barrel extensions: Same manufacturer as hydrants.
  2. Mueller Centurion A-423.
  3. Hydrant lead:
    - a. PVC: Follow AWWA C150 SDR 18 or less.
    - b. 6-inch, unless noted otherwise.
    - c. Shall use two Mega-lugs. One on the hydrant and one on the hydrant valve.
    - d. Provide Clow F1217 or Tyler C-153 anchoring tee which shall be secured to the hydrant.
    - e. Atleast one continuous length of pipe shall be used between hydrant and valve. If length between valve and hydrant is greater than 20-feet, all joints shall be restrained in manner approved by the Utilities Department.
  4. Marker Flag:
    - a. "HYDRAFINDER" or approved equal.
    - b. 5 feet long.
    - c. Fiberglass, red and white.
    - d. Springload action.
- F. Fittings: Follow SWS 8.22.0.:
1. Joints:
    - a. Buried: Mechanical.
    - b. In structures: Flanged.
  2. Pressure rating:
    - a. Full body: 250 PSI.
    - b. Compact: 350 PSI.
  3. Material:
    - a. Ductile iron:
      - 1) Class 52 wall thickness.
      - 2) Bituminous exterior coating following ANSI/AWWA C110(C153)/A21.10.
      - 3) Cement lined and bituminous coated interior following ANSI/AWWA C104/A21.4.
      - 4) Cor-Blue tee bolts.
- G. Service lines, valves and fittings.
1. Lines.
    - a. Size: 1 1/4" for HDPE Service, 1" for Copper Service
    - b. 2 inch and smaller shall follow SWS 8.24.0 and:
      - 1) Type K copper tubing. Use compression fittings.
      - 2) Polyethylene (HDPE) SDR 9 CTS. Stainless steel stiffeners to be used.
    - c. 3 inch and larger: Follow 33 11 00 2.02.A.
  2. Corporation valves for HDPE:
    - a. Must withstand 150 PSI pressure test.



- b. Use compression fittings with stainless steel stiffeners
  - c. Mueller B-25008, Ford FB1000, A.Y. McDonald 74701-22-BQ.
- 3. Curb valves for HDPE:
  - a. Must withstand 150 PSI pressure test.
  - b. Use compression fittings with stainless steel stiffeners.
  - c. A.Y. McDonald 76104-22-Q, Mueller B25155-Q, Ford B44-XXX-MQ.
- 4. Curb boxes:
  - a. American Made CISB Buffalo style.
  - b. Tyler 101F.
- 5. Stainless steel curb stem extension rod with floating guide ring under top box section and stainless hardware to be used, installed within 24-inches of final grade.
- H. PVC main tapping saddle for service lines 2-inch and smaller:
  - 1. Double strap.
  - 2. Epoxy-coated ductile iron, stainless steel, or brass.
  - 3. Romac 202NS, Smith-Blair 317, or Ford FCD202.
- I. Tapping sleeves with gate valve 16-inch and under:
  - 1. Stainless steel with ductile iron flange.
  - 2. Flange accessories need stainless steel hardware.
- J. Air release assemblies:
  - 1. In valve box: Follow SWS 4.12.0
  - 2. In vault: Follow SWS 4.11.0. and 8.39.0, except provide HS20 load-rated flat top slab.
- K. Restrained joints:
  - 1. Strapping following SWS 4.9.0 with number and size of retaining rods recommended by pipe restraint manufacturer for the type and size of pipe used.
  - 2. EBAA Iron Megalug, Tyler Series 2000, and Ford Series 1400.
  - 3. In addition to Megalugs, hardwood or solid concrete block buttresses may be used.

## 2.03 INCIDENTAL CONSTRUCTION

- A. Follow 33 05 00 for:
  - 1. Bedding.
  - 2. Cover.
  - 3. Backfill.
  - 4. Location aids.
  - 5. Trenchless utilities.
  - 6. Insulation.
  - 7. Polyethylene film.
  - 8. Surface restoration.

## PART 3 - EXECUTION

### 3.01 WATER MAIN INSTALLATION

- A. Follow SWS Part IV.
- B. The minimum depth of cover between finished grade and the top of the water main pipe shall be 6' 6".
- C. For ductile iron, provide electric continuity using strapping or metallic retainer glands.

- D. PVC pipe:
  - 1. Remove beveled pipe end at connections to mechanical joint or flanged fittings.
  - 2. Use tapping saddles for services.
- E. Butterfly valve actuators and boxes installed toward curb.
- F. Set valve boxes to ½-inch below finished surface grade. Provide ring cut on top end.
- G. Hydrants:
  - 1. Secure hydrant valves directly to main lines with the following:
    - a. Mechanical joint anchoring type hydrant tees.
  - 2. Provide minimum 6-foot cover over lead.
  - 3. Position centerline of lowest hydrant outlet nozzle 18-23 inches above finish grade.
  - 4. Hydrants located in non curb and gutter or ditchline roadways shall position centerline of lowest hydrant outlet nozzle 18-23 inches above edge of gravel shoulder elevation and breakaway shall be supported.
  - 5. Hydrants located in non curb and gutter or ditchline roadways shall be installed on level, paved surface that may require the installation of a retaining wall with minimum 3-feet clearance around hydrant.
  - 6. Maximum of one barrel extension.
- H. Buttrresses: Follow SWS 4.3.13.
- I. Services:
  - 1. Wet tap service connections at normal operating system pressure.
  - 2. Direct taps into PVC water main not allowed. Saddles only.
  - 3. Direct taps in ductile iron allowed.
  - 4. Lateral locations on Drawings are tentative. Actual locations shall be marked by property owners with wooden stakes. Contact Engineer if stake not found.
  - 5. For 2 inch and smaller follow SWS Part V and:
    - a. Provide curb valve and box at right-of-way line.
    - b. Provide 2 by 6 inch hardwood marker at curb box location from invert of service to 2 feet above finished grade.
    - c. Provide 10-foot long tailpiece. Follow SWS Drawing File No. 51 drawing.
  - 6. For 2-1/2 inch and larger follow SWS Part IV and V and:
    - a. Provide tee connection.
    - b. Anchor valve to tee with anchor tee or strapping.
    - c. Provide plug and buttress.
    - d. Provide 2 by 6 inch hardwood marker at end of service from invert of service to 2 feet above finished grade.
- J. Pressure test before services 2-inch and smaller are installed. Follow SWS 4.15.0.
- K. Disinfect pipelines following SWS 4.3.12 and 4.16.0.
- L. After performing pressure test, bacteriological water sampling and laboratory testing shall be done following SWS 4.16.0 by: Contractor with Wisconsin DNR-certified independent laboratory. Two safe water test results shall be taken greater than 24-hours apart and shall be received in hand prior to continuing work. Contractor to provide both the Water Utility and Engineering Department with a copy of the results. Testing shall be observed by Village Representative.
- M. Water wasted from pipeline that may reach bodies of surface water may not contain any substances in concentrations that adversely affect the water following Wisconsin

Administrative Code NR 105 and 106. For chlorine, no total residual chlorine may be measured in water being discharged to a surface water. Advise Utility and Engineer of proposed discharge schedule to arrange DNR-required measurements. Water may be allowed to be flushed to sanitary sewer, with Utility approval. All water shall be metered at Contractor's cost.

- N. Connections to existing mains and services: Make after all services are installed, tests passed, and safe sample report is received by Utility and Engineer.
- O. Restrained joints: Follow manufacturer's recommendations for length of pipe to be restrained in each direction from horizontal bends, vertical bends or offsets, tees, reducers and dead ends. Two forms of restraints shall be used.
- P. Operation of valves and flushing: Only Village personnel shall initiate flushing. All valves shall only be operated by Village personnel.
- Q. Water main shall be a minimum of 8-inch diameter for single family residential development and a minimum of 12-inch diameter for development greater than single family residential. The Village, at it's discretion, may require a main size that is larger than the minimum.

### 3.02 INCIDENTAL CONSTRUCTION

- A. Follow 33 05 00 for:
  - 1. Connecting dissimilar pipe materials.
  - 2. Excavation in pavement.
  - 3. Bedding.
  - 4. Cover.
  - 5. Backfill.
  - 6. Location aids.
  - 7. Insulation.
  - 8. Polyethylene film.
  - 9. Excess excavated material.
  - 10. Surface restoration.

END OF SECTION

SECTION 33 30 00  
SANITARY SEWERAGE

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Sanitary sewer mains, force mains and maintenance and collection appurtenances.

1.02 RELATED SECTIONS

- A. 33 05 00 - Common Work Results for Utilities.

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM):
1. ASTM C76 - Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe.
  2. ASTM C361 - Standard Specification for Reinforced Concrete Low-Head Pressure Pipe.
  3. ASTM C478 - Standard Specification for Precast Reinforced Concrete Manhole Sections.
  4. ASTM C923 - Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals.
  5. ASTM D2241 - Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure Rated Pipe (SDR Series).
  6. ASTM D2321 - Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity Flow Applications.
  7. ASTM D2513 - Standard Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings.
  8. ASTM D2657 - Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings.
  9. ASTM D3034 - Standard Specification for Type PSM Poly(VinylChloride) (PVC) Sewer Pipe and Fittings.
  10. ASTM D3251 - Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing.
  11. ASTM D3350 - Standard Specification for Polyethylene Plastics Pipe and Fittings Materials.
  12. ASTM F679 - Standard Specification for Poly(Vinyl Chloride) (PVC) Large Diameter Plastic Gravity Sewer Pipe and Fittings.
- B. American Association of State Highway and Transportation Officials (AASHTO):
1. AASHTO M198 - Standard Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants.
  2. AASHTO T99 - Standard Method of Test for Moisture-Density Relations of Soils Using a 2.5-kg (5.5-lb) Rammer and a 305-mm (12-in.) Drop.
- C. United States Department of the Interior-Bureau of Reclamation. Standard Specifications for Reinforced Concrete Pressure Pipe.
- D. American Water Works Association (AWWA):
1. AWWA C104 - Cement-Mortar Lining for Ductile-Iron Pipe and Fittings.
  2. AWWA C110 - Ductile-Iron and Gray-Iron Fittings.
  3. AWWA C151 - Ductile-Iron Pipe Centrifugally Cast.

4. AWWA C900 - Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings 4 In. Through 12 In. for Water Distribution.
5. AWWA C905 - Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings 14 In. Through 48 In.

#### 1.04 SUBMITTALS

##### A. Action:

1. Submit to Engineering Department:
  - a. Product data.
  - b. Sanitary sewer main video inspection records.
  - c. Submittals designed and sealed by manufacturer's Wisconsin-licensed professional engineer:
    - 1) Manhole Shop Drawings showing details, dimensions, materials, jointing methods, pipe connections and reinforcement consistent with Drawings. Do not start manhole production before Engineer's approval.
    - 2) Shop Drawings showing details of special pipe features indicating alignment and grade, laying dimensions, fabrication, fitting, and special details, with plan view detailing pipe invert elevations, bends, and other critical features. Show station numbers for fittings consistent with Drawings. Do not start pipe and fittings production before Engineer's approval.
    - 3) Summary of criteria used in manhole design including, as minimum, material properties, loadings, load combinations, and dimensions assumed. Include certification from manufacturer that precast manhole design is in full accordance with ASTM C478 and design criteria specified herein.

##### B. Informational:

1. Submit to Engineering Department:
  - a. Certificates by independent testing laboratory contracted by manufacturer, showing concrete pipes meet applicable standards when tested following ASTM C497, ASTM C361 and Bureau of Reclamation Standard Specifications for Reinforced Concrete Pressure Pipe.

### PART 2 - PRODUCTS

#### 2.01 GRAVITY SANITARY SEWER

##### A. Pipe. If not shown on Drawings, use one type from following:

1. Polyvinyl chloride and fittings solid wall:
  - a. 4 through 15 inch: Type PSM, Follow ASTM D3034, SDR 35.
  - b. 18 through 21 inch: Type PSM, Follow ASTM F679, 12454C.
  - c. Follow SWS 8.3.0 and 8.10.0.

##### B. Pressure-rated pipe. If not shown on Drawings use one type from following:

1. Polyvinyl chloride pipe:
  - a. 4 through 12 inch: Follow AWWA C900 SDR18 or less.
  - b. 14 through 20 inch: Follow AWWA C900 SDR 18 or less.
2. Fittings for PVC and ductile iron pipe shall follow SWS 8.22.0 and:
  - a. Joints:
    - 1) Buried: Mechanical.
    - 2) In structures: Flanged.
  - b. Pressure rating:
    - 1) Full body: 250 PSI.

- 2) Compact: 350 PSI.
    - c. Material:
      - 1) Ductile iron class 52 wall thickness.
      - 2) Bituminous exterior coating following ANSI/AWWA C110/A21.10.
      - 3) Cor-Blue tee bolts.
  - C. Bulkhead and Plug: Follow SWS 3.2.25.
  - D. Structures:
    - 1. Manholes:
      - a. Follow SWS 3.5.0. and SWS 8.39.0.
      - b. Follow ASTM C478.
      - c. If not shown on Drawings: 48-inch inside diameter (minimum).
    - 2. Steps:
      - a. Follow SWS 3.5.4.(g).
      - b. Do not locate over pipe penetrating manhole wall. Follow SWS Drawing File No. 13.
    - 3. Frame:
      - a. Neenah R-1661.
    - 4. Cover: "T" sealing, concealed pick hole, no vents, sanitary lid. Follow SWS Drawing File No. 14B, approximate weight 108 pounds.
    - 5. Combination external/internal rubber sleeves for frame/chimney seal:
      - a. Cretex External X-85.
      - b. Adaptor, Inc.
    - 6. Pipe to manhole connection: Follow SWS 3.5.7.
    - 7. Frame and chimney sealants: PenngROUT or Mastic. Follow SWS 8.42.0.
    - 8. Flat decks - HS20 loading.
    - 9. Grade adjusters for castings:
      - a. Cretex Pro-Ring with M1 adhesive or approved equal.
      - b. Do not use bricks, stones, wood, nor pieces thereof.
    - 10. External joint wrap:
      - a. Mac Wrap (Mar Mac Construction Products Inc.).
      - b. Ez – Wrap (Press-Seal Corp.).
      - c. Cretex Wrap (Cretex Specialty Products).
  - E. Risers:
    - 1. Follow SWS 3.2.26.
    - 2. For flexible riser to flexible main greater than 6 feet in height, or main greater than 16 feet deep, see Drawings.
  - F. Laterals:
    - 1. Follow SWS 5.3.10 and SWS 5.3.11 and same material as main.
    - 2. 6 inch.
    - 3. Connection to main: Wyes.
    - 4. Adapt pressure rated pipe to SDR35 with manufactured (molded) fittings.
    - 5. Romac tapping saddle.
  - G. Repair Coupling:
    - 1. Strong Back RC Series
- 2.02 SANITARY SEWER FORCE MAIN
- A. Pipe. If not shown on Drawings, use one type from following:
    - 1. PVC, with integral elastomeric bell-and-spigot joints, and one of following:
      - a. Follow AWWA C900 for 6 through 12-inch diameter. Class 150 pressure pipe with DR 18 or less. Follow SWS 8.51.0.

- b. Follow AWWA C905 for 14 through 36-inch diameter. CIOD pressure pipe rated 235 PSI with DR18 or less. Follow SWS 8.51.0.
    - c. Follow ASTM D2241 with Plastics Pipe Institute hydrostatic design stress of 200 PSI and SDR of 26 or less.
  - 2. High density polyethylene (HDPE):
    - a. Follow SWS 8.51.3.
    - b. Material designation: PPI PE3408/3608.
    - c. Material classification: Type III, Class C, Category 5, Grade P36.
    - d. Cell classification: 345464C following ASTM D3350.
    - e. DR9.
    - f. DIPS.
- B. Fittings for ductile iron and PVC pipe: Follow SWS 8.22.0.
  - 1. Joints:
    - a. Buried: Mechanical.
    - b. In structures: Flanged.
  - 2. Pressure rating:
    - a. Full body: 250 PSI.
    - b. Compact: 350 PSI.
  - 3. Material:
    - a. Ductile iron:
      - 1) Class 52 wall thickness.
      - 2) Bituminous exterior coating following ANSI/AWWA C110/A21.10.
      - 3) Buried: Cor-Blue tee bolts. Exposed: Stainless steel.
      - 4) All metallic fittings shall be wrapped.
- C. Restrained joints:
  - 1. Strapping following SWS 4.9.0.
  - 2. EBAA Iron Megalug, Tyler Series 2000, Ford Series 1400.
  - 3. All metallic fittings shall be wrapped.
- D. Fittings for polyethylene pipe:
  - 1. Follow ASTM D3261.
  - 2. Pressure class:
    - a. Molded fittings: Match pipe.
    - b. Fabricated fittings: Increase pressure rating one class.
  - 3. Butt fused or flanged.
  - 4. Exposed: Molded flange adaptor with ductile iron or stainless steel backup ring and stainless steel bolts.
  - 5. Buried: Molded mechanical restrained joint adaptor with stainless steel internal stiffener and ductile iron or stainless steel backup ring with Cor-Ten hardware.
  - 6. All metallic fittings shall be wrapped.
- E. Plug valves:
  - 1. Manufacturers: DeZurik Series 100, Val-Matic Cam-Centric, no equal or substitution permitted.
  - 2. Valve boxes:
    - a. Cast iron, size DD, cover marked "SEWER".
    - b. American Made Manufacturers: Tyler 6860S.
    - c. Follow SWS 8.29.0.
    - d. Valve box adaptors: Adaptor, Inc.
  - 3. Actuator: Rotary gear type for valves 8 inches and larger.
  - 4. Valve stem extenders: To be used on depths greater than 7-Feet.
    - a. Securely attached to valve operator.

- b. Extend to 4 feet (plus-or-minus 6 inches) below finished grade.
  - c. For 6 feet and longer provide solid shaft.
  - d. Stainless steel.
5. All metallic fittings shall be wrapped.

F. Structures:

- 1. Valve manholes:
  - a. Follow SWS 3.5.0 and follow SWS 8.39.0.
  - b. Follow ASTM C478.
  - c. If not shown on Drawings: 48-inch inside diameter (minimum).
- 2. Frame: Follow SWS Drawing File No. 14A. Approximate weight 385 pounds.
  - a. Neenah 1661.
- 3. Cover: "T" sealing, concealed pick hole, no vents. Follow SWS Drawing File No. 14B, approximate weight 108 pounds.
- 4. Combination external/internal rubber sleeves for frame/chimney seal:
  - a. Cretex External X-85.
  - b. Adaptor, Inc.
- 5. Pipe to manhole connection: Follow SWS 3.5.7.
- 6. Frame and chimney sealants: PenngROUT or Mastic. Follow SWS 8.42.0.
- 7. Flat decks - HS20 loading.
- 8. Grade adjusters for castings:
  - a. Cretex Pro-Ring with M1 adhesive, or approved equal.
  - b. Do not use bricks, stones, wood, nor pieces thereof.
- 9. External joint wrap:
  - a. Cretex Wrap.
  - b. EZ-Wrap.
  - c. Mac Wrap.

G. Air release assemblies:

- 1. In valve box: Follow SWS 4.12.0 except include:
  - a. Valve stem extenders.
  - b. Lid: Plain or "SEWER".
  - c. Drain stop: Female iron pipe inlet and copper outlet. Ford 11-444SWM.
  - d. Drain stop: A.Y. McDonald 6105 with A.Y.

## 2.03 INCIDENTAL CONSTRUCTION

A. Follow 33 05 00 for:

- 1. Bedding.
- 2. Cover.
- 3. Backfill.
- 4. Location aids.
- 5. Trenchless utilities.
- 6. Insulation.
- 7. Polyethylene film.
- 8. Surface restoration.

## PART 3 - EXECUTION

### 3.01 GRAVITY SANITARY SEWER INSTALLATION

- A. Before starting, bulkhead and/or plug the connection to existing sewer. Leave in place until new sewer has been cleaned and accepted.
- B. Follow SWS Part III.



- C. Set manhole frames to ½-Inch below finished grade after placement of curb and gutter and before asphalt placement. Frame shall not be adhered to chimney.
  - D. Chimney:
    - 1. Height: 4 to 14 inches.
    - 2. No steps in chimney.
    - 3. Maximum of 30 inches between top of frame and top step.
  - E. Laterals. Follow SWS Part V and:
    - 1. 1/4 inch per foot minimum slope.
    - 2. Provide test station box with tracer wire brought to surface at end of lateral at right of way.
    - 3. Lateral locations on Drawings are tentative. Actual locations shall be marked by property owners with wooden stakes. Contact Engineer if stake not found.
    - 4. Laterals not allowed to be connected into manholes.
    - 5. Tapping saddles to be used for new lateral connection into existing main.
    - 6. Lateral connections at the main shall be at the 2 or 10 o'clock positions.
  - F. Before testing, repair or replace piping, valves, fittings, structures or other parts of system which have visible defects or leakage even if leakage or pressure loss may be below allowable limits.
  - G. Air test: Follow SWS 3.7.3.
  - H. Go-No-Go Test: Follow SWS 3.2.6(i)4.
  - I. Manhole chimney seals:
    - 1. Prepare chimney, cone, and frame following seal manufacturer's requirements.
    - 2. Install combination external/internal Cretex or Adaptor seals.
  - J. Manhole vacuum test:
    - 1. Follow SWS 3.7.6.
    - 2. Test after backfilling.
  - K. Use external joint wrap on all manhole joints.
  - L. Televising mains and record video. Televising exclusive to The Expeditors, Inc. Use self-propelled crawler camera. Follow 33 01 30.16. Follow SWS 7.1.2. Perform after (before paving):
    - 1. Manhole benches installed.
    - 2. Pipework successfully tested.
  - M. Convey copy of video record to Engineer. Furnish on USB flashdrive.
- 3.02 SANITARY SEWER FORCE MAIN INSTALLATION
- A. Follow SWS Part IV (Delete 4.3.12.).
  - B. Before testing, repair or replace piping, valves, fittings, structures or other parts of system which have visible defects or leakage even if leakage or pressure loss may be below allowable limits.
  - C. Pressure test. Follow SWS 4.15.2 except test at pipe pressure rating or 150 PSI whichever is less.

- D. Set manhole frames to ½-Inch below finish grade after placement of curb and gutter and before asphalt placement.
  - E. Chimney:
    - 1. Height: 4 to 14 inches
    - 2. Include no steps.
  - F. Manhole chimney seals.
    - 1. Prepare chimney, cone, and frame following seal manufacturer's requirements.
    - 2. Install combination external/internal Cretex or Adaptor seal.
  - G. Use external joint wrap on manhole joints more than 10 feet below finish grade.
  - H. Polyethylene:
    - 1. Butt-fuse joints following ASTM D2657 and manufacturer's recommendations.
    - 2. Connect to flanged pipe with molded flange adaptor with ductile iron backup ring.
    - 3. Install following ASTM D2321, SWS, and manufacturer's recommendations.
    - 4. Provide embedment material from 6 inches below pipe to 12 inches above top of pipe and compact to 85 percent Standard Proctor density following AASHTO T99.
  - I. Protect cut ends and bell fittings with factory-supplied, field-applied touchup coating.
  - J. PVC pipe:
    - 1. Remove beveled pipe end at connections to mechanical joint or flanged fittings.
    - 2. Use tapping saddles for services.
- 3.03 INCIDENTAL CONSTRUCTION
- A. Follow 33 05 00 for:
    - 1. Connecting dissimilar pipe materials.
    - 2. Excavation in pavement.
    - 3. Bedding.
    - 4. Cover.
    - 5. Backfill.
    - 6. Location aids.
    - 7. Insulation.
    - 8. Polyethylene film.
    - 9. Excess excavated material.
    - 10. Surface Restoration.

END OF SECTION

## SECTION 33 40 00

### STORM DRAINAGE

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

- A. Storm sewer and storm water facility mains, maintenance and collection appurtenances.
- B. Underdrains.

##### 1.02 RELATED SECTIONS

- A. 33 05 00 - Common Work Results for Utilities.

##### 1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM):
  - 1. ASTM C76 - Standard Specification for Reinforced concrete Culvert Storm Drain, and Sewer Pipe.
  - 2. ASTM C361 - Standard Specifications for Reinforced Concrete Low-Head Pressure Pipe.
  - 3. ASTM C443 - Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets.
  - 4. ASTM C478 - Standard Specification for Precast Reinforced Concrete Manhole Sections.
  - 5. ASTM C497 - Standard Test Methods for Concrete Pipe, Manhole Sections, or Tile.
  - 6. ASTM C506 - Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain and Sewer Pipe.
  - 7. ASTM C507 - Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe.
  - 8. ASTM C698 - Standard Test Methods for Laboratory Compaction Characteristics of Soil using Standard Effort.
  - 9. ASTM A760 - Standard Specification for Corrugated Steel Pipe, Metallic Coated for Sewers and Drains.
  - 10. ASTM D2321 - Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity Flow Applications.
- B. American Association of State Highway and Transportation Officials (AASHTO):
  - 1. AASHTO M252 - Standard Specification for Corrugated Polyethylene Drainage Pipe.
  - 2. AASHTO M294 - Standard Specification for Corrugated Polyethylene Pipe, 300- to 1500- mm (12- to 60-in.) Diameter.
  - 3. AASHTO Section 30 - Standard Specification for Highway Bridges, Division II, Section 30, Thermoplastic Pipe.
  - 4. AASHTO M36 - Standard Specification for Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains.
- C. United States Department of the Interior - Bureau of Reclamation. Standard Specifications for Reinforced Concrete Pressure Pipe.
- D. American Water works Association (AWWA):
  - 1. AWWA C900 - Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated fittings 4 In. Through 12 In. for Water Distribution.

2. AWWA C905 - Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated fittings 14 In. Through 48 In.

#### 1.04 SUBMITTALS

##### A. Action:

1. Submit the following to the Village Engineer:
  - a. Product data.
  - b. Storm sewer main video inspection records.
  - c. Submittals designed and sealed by manufacturer's Wisconsin-licensed professional engineer:
    - 1) Manhole and catch basin Shop Drawings showing details, dimensions, materials, jointing methods, pipe connections and reinforcement consistent with Drawings. Do not start manhole production before Engineer's approval.
    - 2) Shop Drawings showing details of special pipe features indicating alignment and grade, laying dimensions, fabrication, fitting, and special details, with plan view detailing pipe invert elevations, bends, and other critical features. Show station numbers for fittings consistent with Drawings. Do not start pipe and fittings production before Engineer's approval.
    - 3) Summary of criteria used in manhole design including, as minimum, material properties, loadings, load combinations, and dimensions assumed. Include certification from manufacturer that precast manhole design is in full accordance with ASTM C478 and design criteria specified herein.

##### B. Informational:

1. Submit the following to the Village Engineer:
  - a. Certificates by independent testing laboratory contracted by manufacturer, showing concrete pipes meet applicable standards when tested following ASTM C497, ASTM C361 and Bureau of Reclamation Standard Specifications for Reinforced Concrete Pressure Pipe.

#### PART 2 - PRODUCTS

##### 2.01 STORM SEWER

##### A. Main lines:

1. Concrete pipe.
  - a. Joints: Rubber-gasket following ASTM C443.
  - b. Reinforced concrete pipe (RCP): Follow ASTM C76 and SWS 8.6.0.
  - c. Nonreinforced concrete pipe: Follow SWS 8.5.0.
  - d. Reinforced concrete horizontal elliptical pipe: Follow ASTM C507 and SWS 8.6.0.
  - e. Reinforced concrete arch pipe: Follow ASTM C506 and SWS 8.6.0.
2. Corrugated metal pipe: Follow SWS 8.14.0.
3. Corrugated aluminum pipe: Follow SWS 8.15.0.
4. Polyvinyl chloride (PVC):
  - a. Solid wall.
  - b. Integral elastomeric bell and spigot joints.
  - c. For 6 through 12-inch diameter: Follow AWWA C900, Class 150 pressure pipe with DR18 or less.
  - d. For 14 through 24-inch diameter: Follow AWWA C905, CIOD pressure pipe rated 235 PSI with DR18 or less.
  - e. Follow SWS 8.20.0.

5. High density polyethylene (HDPE):
    - a. Follow AASHTO M252 and M294-96(s).
    - b. Joints:
      - 1) Follow AASHTO requirements for soil tightness.
      - 2) Bell and spigot pipe end.
      - 3) Double bell couplings.
    - c. Smooth interior.
    - d. Double wall.
  6. Anti-Seepage Collars.
- B. Sump lines and sump line cleanouts:
1. Follow SWS 8.10.0.
  2. PVC SDR 35.
- C. Structures:
1. Manholes: 48-Inch minimum diameter. Follow SWS 3.5.0 and SWS 8.39.0.
  2. Follow ASTM C478.
  3. Catch basin frame and cover: Neenah R-3067 with Type L grate.
  4. Catch basin: Follow SWS 3.6.0 for precast.
  5. Manhole frame and cover: Neenah R-1661, non-rocking, vented cover.
  6. Inlet and catch basin mortar: Follow State Specifications 519.2.3.
  7. Grade adjusters for castings:
    - a. Cretex Pro Ring, with approved adhesive.
    - b. Do not use bricks, stones, wood, nor pieces thereof.
- D. Apron endwalls: Follow State Specifications 520 through 525 for apron endwalls and same material as pipe.
- E. Pipe grates: Follow SWS 8.16.0.
1. Grate shall be hinged on top.
- 2.02 UNDERDRAINS
- A. Follow State Specifications 612.
- 2.03 INCIDENTAL CONSTRUCTION
- A. Follow 33 05 00 for:
1. Bedding.
  2. Cover.
  3. Backfill.
  4. Location aids.
  5. Insulation.
  6. Polyethylene film.
  7. Surface restoration.
- PART 3 - EXECUTION
- 3.01 STORM SEWER INSTALLATION
- A. Follow SWS Part III.
- B. Set manhole frames to 1/2-inch to 3/4-inch below finished grade after placement of curb and gutter and before asphalt placement. Set casting flanges onto a full bed of mortar.

- C. Set inlet frames to binder grade after placement of curb and gutter. Casting flanges shall not be adhered to the adjusting ring.
- D. Sump lines:
  - 1. Pitch to inlet or manhole.
  - 2. Bed and cover PVC following SWS 3.2.6.i.
- E. Before testing, repair or replace piping, valves, fittings, structures or other parts of system which have visible defects or leakage even if leakage or pressure loss may be below allowable limits.
- F. High Density Polyethylene (HDPE) installation.
  - 1. Follow AASHTO Section 30 and ASTM D2321.
  - 2. Structural bedding and cover:
    - a. Crushed stone.
      - 1) Size to fill voids in corrugations.
      - 2) Compaction: Follow AASHTO 30.5.3. and 30.5.4. Maximum 6-inch lifts with 95 percent following ASTM D698 "standard" density.
      - 3) Material must be adequately knifed into haunch and in between corrugations.
      - 4) Ponding and jetting prohibited.
  - 3. Minimum cover over top of pipe to subgrade 24 inches.
  - 4. Trench width.
    - a. Wider than compaction equipment in pipe zone.
    - b. Not less than pipe outside diameter plus 16 inches.
  - 5. Provide floatation resistance: Restraints or weights.
  - 6. Perform odd leg mandrel (go-no-go) deflection tests:
    - a. Follow SWS 3.2.6.1.4.
    - b. Perform 5 percent test twice:
      - 1) After backfill compaction and before paving.
      - 2) After paving and surface restoration.
    - c. Perform 7-1/2 percent test twice:
      - 1) 30 days after acceptance.
      - 2) 11 months after acceptance.

### 3.02 UNDERDRAIN INSTALLATION

- A. Follow State Specifications 612.

### 3.03 INCIDENTAL CONSTRUCTION

- A. Follow 33 05 00 for:
  - 1. Connecting dissimilar pipe materials.
  - 2. Excavation in pavement.
  - 3. Bedding.
  - 4. Cover.
  - 5. Backfill.
  - 6. Location aids.
  - 7. Insulation.
  - 8. Polyethylene film.
  - 9. Excess excavated material.
  - 10. Surface restoration.

END OF SECTION

SECTION 34 71 00  
ROADWAY CONSTRUCTION

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Earthwork.
- B. Base course.
- C. Pavement and surface course.
- D. Incidental construction:
  - 1. Curb and gutter.
  - 2. Sidewalks.
  - 3. Curb ramps.
  - 4. Drive approaches, and driveways.
  - 5. Pavement sawing.
  - 6. Pavement markings.
  - 7. Drainage facilities.
  - 8. Signs.
  - 9. Traffic control.
  - 10. Guardrail.
  - 11. Retaining walls.
  - 12. Restoration.
  - 13. Asphalt curb.
  - 14. Parking lot bumpers.

1.02 RELATED SECTIONS

- A. 33 05 00 – Common Work Results for Utilities.
- B. 32 90 00 – Planting.

1.03 SUBMITTALS

- A. Action:
  - 1. Submit the following to the Public Works, Utilities Department, and Village Engineer:
    - a. Product data.
    - b. Sieve analyses from State-certified laboratory.
    - c. Concrete Mix design. Submit at least 7 days before paving:
      - 1) Portland cement concrete curb and gutter, pavement, driveway, and sidewalk.
      - 2) High-early-strength concrete. Follow State Specification 415.2.1.
    - d. Wisconsin DOT-verified hot mix asphalt (HMA) pavement mix design for each pavement classification specified. Submit at least 7 days before paving.
- B. Informational:
  - 1. Base compaction test reports.
  - 2. Subbase compaction test reports.

3. Paving mix delivery tickets.
  - a. Asphaltic materials:
    - 1) Furnish ticket before placing material.
    - 2) Display on ticket:
      - a) Project.
      - b) Date.
      - c) Time.
      - d) Ticket number.
      - e) Type of mix.
      - f) Gross weight.
      - g) Tare weight.
      - h) Net weight.
      - i) Job total.
  - b. Concrete:
    - 1) Furnish tickets after delivery.
    - 2) Display on ticket:
      - a) Project.
      - b) Date.
      - c) Time.
      - d) Ticket number.
      - e) Class of concrete.
      - f) Grade of concrete.
      - g) Cement Weight.
      - h) Fly Ash type and weight.
      - i) Fine aggregate weight.
      - j) Coarse aggregate weight.
      - k) Gallons of water.
      - l) Time water was added.
      - m) Additives.
4. Base course delivery tickets that display:
  - a. Project.
  - b. Date.
  - c. Ticket number.
  - d. Type of material.
  - e. Gross weight.
  - f. Tare weight.
  - g. Net weight.
  - h. Job total.
5. Written concrete cylinder compression test results. Submit to Owner.
6. Provide Quality Management Program following State Specifications 460.2.8.1 General and 460.2.8.2 Contractor Testing control plan including:
  - a. Do not use 460.2.8.3 Department Testing.
7. Documentation showing permits have been obtained from Owner and from Regulatory Agencies for excess material disposal sites.

#### 1.04 REFERENCES

- A. ASTM D698 - Standard Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort.
- B. American Association of State Highway and Transportation Officials (AASHTO):
  1. AASHTO T22 - Standard Method for Compressive Strength of Cylindrical Concrete Specimens.



- 2. AASHTO T23 - Standard Method of Test for Making and Curing Concrete Test Specimens in the Field.
- 3. AASHTO T52 - Standard method of Test for Air Content of Freshly Mixed Concrete by the Pressure Method.
- C. Wisconsin Standard Specifications.
- D. Wisconsin Manual for Uniform Traffic Control Devices.
- E. Wisconsin Department of Transportation Products Approved List (PAL).

#### 1.05 REGULATORY REQUIREMENTS

- A. Pay for local, county or state permits for Work on right-of-ways. Damage to pavements and to all property, public and private, due to this Work shall be repaired to same or better condition before construction by Contractor.

#### 1.06

- A. As a condition of acceptance, arrange, conduct, and pay for tests necessary to demonstrate satisfactory compliance with Contract Documents. Make adjustments at the plant necessary to meet requirements of Specifications including the instructions.
- B. Lab testing:
  - 1. Test material from the plant at least once a day.
  - 2. Meet the following parameters:
    - a. Air voids (Va): Follow State Specifications 460.2.8.3.1.6
    - b. Voids in the mineral aggregate (VMA): Follow State Specifications Table 460-1.
    - c. Gradations: Job mix formula (JMF): Follow Paragraph 1 of State Specification - Additional Special Provision 460.2.8.2.1.5 issued under ASP-6.
- C. Density testing:
  - 1. Take a minimum one test per location and one test per 250 tons.
    - a. Use nuclear method.
    - b. Targets specified hereinafter.
  - 2. Locations will be at Engineer's request.
- D. Results and reports:
  - 1. Make field adjustments to keep material within specified tolerances. If test results fall out of tolerance, increase testing frequency until material is within specification.
  - 2. Submit test reports within 48 hours to Engineering Department.

### PART 2 - PRODUCTS

#### 2.01 EMBANKMENTS

- A. Follow State Specifications 207. Do not use logs, stumps, brush, perishable material, frozen material or humus-bearing materials. No large stones larger than 3-inches or lumps allowed within entire subgrade of roadway, approaches, curb and gutter, or sidewalk..

#### 2.02 EXCAVATION BELOW SUBGRADE (EBS) BACKFILL

- A. Borrow: Follow State Specifications 208.
- B. Granular backfill: Follow State Specifications 209, Grade 1
- C. Breaker run: State Specification 311, maximum particle size 3 inches.
- D. Geotextile subgrade stabilization material: Follow State Specification 645, Type SAS

#### 2.03 BASE COURSE AND CRUSHED AGGREGATE SHOULDERS

- A. Follow State Specifications 305. Use 1-1/4" crushed limestone TB for bottom layer and 3/4" crushed limestone TB for upper layer.

#### 2.04 ASPHALTIC CONCRETE (HMA) PAVEMENT

- A. Binder course (Lower and Intermediate Layers): Follow State Specification 460.2 and:
  - 1. Type: See Village of Mukwonago Detail Drawings.
  - 2. Surface Gradation: See Village of Mukwonago Detail Drawings.
  - 3. Binder Grade: PG 58-28S
  - 4. Maximum recycled content: Follow State Specifications 460.2.5.
- B. Surface course (Upper Layer): Follow State Specification 460.2 and:
  - 1. Type: See Village of Mukwonago Detail Drawings.
  - 2. Surface Gradation: See Village of Mukwonago Detail Drawings.
  - 3. Binder Grade: PG 58-28S
  - 4. Maximum recycled material content: Follow State Specifications 460.2.5.
- C. Tack coat: Follow State Specification 455.2.5 asphaltic material dependent on weather conditions.
- D. Joint adhesive: Crafc0 Pavement Joint Adhesive.

#### 2.05 CONCRETE PAVEMENT

- A. Follow State Specification 415.
- B. Concrete: Follow State Specifications 501 with:
  - 1. Slump:
    - a. Slip-formed: 2.5 inches or less.
    - b. Non-slip-formed: 4 inches or less.
  - 2. Compressive strength: 3,500 pounds per square inch minimum.
  - 3. Do not add calcium chloride.
  - 4. Admixtures:
    - a. Set retarder: Follow State Specifications 501.2.3.2.
    - b. Water reducer: Follow State Specifications 501.2.3.3.
    - c. Air entrainment: Follow State Specifications 501.2.2.
    - d. Evaporation retardant: Eucobar by Euclid.
  - 5. High early strength concrete: Follow State Specifications 415.2.1, submit mix design.
- C. Steel reinforcement: Follow State Specifications 505 and:
  - 1. Deformed tie bars:
    - a. Grade: 60.
    - b. Length: 2 feet.
    - c. Size: No. 6.

- d. Epoxy coated.
- 2. Metal chairs: Epoxy Coated.3.Dowel bars. Follow State Specifications 505.2.6.2. Smooth and:
  - a. Grade: 60.
  - b. Length: 2 feet.
  - c. Size: No. 10.
  - d. Epoxy coated.
- 4. Joint sealant: Hot poured elastic.

## 2.06 INCIDENTAL CONSTRUCTION

- A. Concrete curb and gutter:
  - 1. Follow State Specifications 601.
  - 2. Do not add calcium chloride.
- B. Concrete sidewalks:
  - 1. Follow State Specifications 602.2.
  - 2. Do not add calcium chloride.
- C. Curb ramps.
  - 1. Neenah cast iron detectable warning fields. Detectable warning fields shall be unpainted.
  - 2. Follow State Specifications 602.2. Furnish detectable warning field from the DOT approved products list for the detectable warning field defined above.
- D. Drive approaches, and driveways.
  - 1. Concrete:
    - a. Follow State Specifications 501. Use high-early-strength cement.
    - b. Do not add calcium chloride.
  - 2. Asphaltic concrete (HMA): Follow specifications for surface course under ASPHALTIC CONCRETE PAVEMENT in this Section. Follow State Specifications 465.
- E. Pavement marking: Follow State Specifications 646 and:
  - 1. Paint.
  - 2. Temporary pavement marking: Follow State Specifications 649.
    - a. Removable tape.
- F. Drainage facilities:
  - 1. Culvert pipe.
    - a. Corrugated steel: Follow State Specifications 521.
    - b. Reinforced Concrete Pipe in Village Right-of-Way. Follow State Specifications 522.
  - 2. Bedding: 3/8-inch clear stone chips.
  - 3. Backfill: Granular.
  - 4. Apron endwalls: Same as pipe material.
- G. Signs: Follow State Specifications 637 Type H reflective sheeting
  - 1. Posts: Follow State Specifications 634.
    - a. 1 – 3/4" square galvanized.
- H. Traffic Control: Follow State Specifications 643.
  - 1. Contractor shall prepare and submit traffic control plan for approval.
  - 2. Traffic control plan shall conform to latest version of Wisconsin MUTCD.
- I. Guardrail: Follow State Specifications 614.

- J. Retaining Wall: Follow State Specifications 504.
- K. Restoration: Follow 32 90 00.
- L. Parking lot bumpers: Precast concrete. Nominal dimensions 72 by 9 by 6 inches high with 5/8-inch diameter holes at both ends. Include 18-inch long 1/2-inch diameter bars for securement.

## 2.07 SOURCE QUALITY CONTROL

- A. Asphaltic paving materials scale: Follow State Specification 450.3.1.1.1.
- B. Concrete paving materials scale: Follow State Specification 501.3.4.5.2.
- C. Base course materials scale: Follow State Specifications 109.1.4.

## PART 3 - EXECUTION

### 3.01 EARTHWORK

- A. Clearing and grubbing: Follow State Specifications 201.3.
  - 1. Cut wood to maximum 6 foot lengths, stack outside of right-of-way for land owner use. Remove wood not claimed by landowner.
- B. Removing old culverts and bridges: Follow State Specifications 203.3.
- C. Removing miscellaneous structures. Follow State Specifications 204.3 for:
  - 1. Curb and gutter.
  - 2. Asphaltic concrete pavement.
  - 3. Sidewalk.
  - 4. Guardrail.
- D. Roadway and drainage excavation. Follow State Specifications 205.3 for:
  - 1. Common excavation. No organic material or stones larger than 3-inches allowed within upper 12-inches of subgrade in a cut section. No organic material or stones larger than 3-inches allowed within entire subgrade layer in a fill section.
- E. Embankment: Follow State Specifications 207.3.
  - 1. Maximum layer thickness: 8 inches.
  - 2. Compaction: Standard
    - a. 95 percent of maximum density determined by ASTM D698 (Standard Proctor).
    - b. Subgrade must be proof rolled before acceptance.
- F. Preparation of roadway foundation: Follow State Specifications 211.3.
- G. Subgrade proof roll: Allow Engineer to inspect prepared subgrade and to witness proof roll test by a fully loaded quad-axle dump truck. Reconstruct where deflection is greater than 1/2 inch. Additional proof roll tests will be performed until entire subgrade passes.

### 3.02 BASE COURSE AND CRUSHED AGGREGATE SHOULDERS

- A. Crushed aggregate base course: Follow State Specifications 301 and 305.
  - 1. Compaction: Standard compaction.
    - a. 95 percent of maximum density determined by Modified Proctor.

- b. Allow Engineer to inspect prepared base course and to witness proof roll test by a fully loaded, quad-axle dump truck. Reconstruct where deflection is greater than 1/2 inch as determined by the engineer. Additional proof roll tests will be performed until entire base course passes.
2. Allowable deviation from design grade: 1/2 inch
3. Utility structures: Set to 1/2-inch to 3/4-inch below finish surface course elevation.

### 3.03 PAVEMENT MILLING/PULVERIZING SHAPING AND GRADING

- A. Follow State Specification 325 and:
  1. Remove and stockpile excess milled/pulverized materials to Owner approved location.
  2. At completion of each working day, ramp ends of milled/pulverized material flush to adjacent pavement for all traffic lanes.
  3. Excavate and remove topsoil and unstable subgrade materials and replace with on-site sound material.
  4. Grade, shape, and compact milled/pulverized materials.
  5. Redistribute materials as needed within project to fill areas with insufficient materials, low areas, and settled utility trenches.
  6. Move excess material to other areas within the project.
  7. Use new crushed stone base material only when existing materials are depleted and Engineer approves.
  8. Allow Engineer to inspect new base course before paving.
  9. Allowable deviation from design grade: 1/2 inch.
  10. Utility structures: Set to finish course elevation.
  11. Compaction: Standard compaction.
    - a. Allow Engineer to inspect prepared base course and to witness proof roll test by a fully loaded quad-axle dump truck. Reconstruct where deflection is greater than 1/2 inch as determined by the engineer. Additional proof roll tests will be performed until entire base course passes.
- B. Abutting existing pavement:
  1. Provide full depth saw cut at match lines.
  2. Provide butt joint at locations specified in field. Anticipate 25-foot length.
  3. Pulverize existing pavement within construction limits.
  4. Stockpile milled/pulverized materials at location secured by Contractor.
  5. Over-excavate, remove and dispose of earth material over butt joint length.
  6. Taper thickness of removed materials from 4 inches at match line to 0 inches at opposite end of butt joint.
  7. Re-spread milled/pulverized materials over excavated area.
  8. Remove sufficient material to maintain minimum pavement and base thickness as specified herein at saw cut.

### 3.04 EXCAVATED MATERIAL

- A. Surplus excavated material shall be hauled and disposed of at Contractor's expense unless otherwise indicated by Public Works and Utilities Departmentsf.

### 3.05 PAVEMENT AND SURFACE COURSES

- A. Tack coat: Follow State Specification 455.3.2.
  1. Apply between each layer of asphaltic concrete.
  2. Allow to cure before paving.

- B. Mill butt joints: Mill and dispose of 1-1/2 inches of existing pavement at locations shown.
- C. Asphaltic concrete pavement: Follow State Specifications 450 and 460
  - 1. Do not use 460.2.8.3 Department Testing.
  - 2. Maximum variations:
    - a. 1/8 inch across a 5-foot straight edge.
    - b. Thickness: Within 1/4 inch of design.
    - c. Finish elevation: Within 1/4 inch of design.
  - 3. Temperatures:
    - a. Asphaltic concrete at placement: Between 265 and 330 degrees Fahrenheit.
    - b. Subgrade: Above 32 degrees Fahrenheit.
    - c. Air temperature: Follow State Specifications 450.3.2.1.2.3.
      - 1) Contractor may submit cold weather paving plan for review if air temperature falls below specified limits. Engineer reserves the right to reject plan without cause. If implemented, plan shall be at no additional cost to Owner.
  - 4. Layer thickness: Shown on Drawings.
  - 5. Compaction: Follow State Specifications 460.3.3 Maximum Density Method
  - 6. Saw cut, excavate and remove unstable binder course, base course and subgrade materials. Replace removed materials. Clean binder pavement by sweeping or flushing before applying surface pavement.
  - 7. Allow Engineer to inspect binder course before applying surface course.
  - 8. Joints: Crafcro joint adhesive shall be used for all longitudinal joints and curb flanges.
  - 9. Ramp curb flanges if surface course is not planned to be paved within one week of binder course installation.

### 3.06. CONCRETE PAVEMENT

- A. Follow State Specification 415 and 501.
- B. Placement delays.
  - 1. If less than 30 minutes: Cover unfinished end with wet burlap.
  - 2. If greater than 30 minutes: Install construction joint.
  - 3. If concrete attains initial set: Install construction joint.
  - 4. If finishing equipment breaks down: Discontinue placement.
  - 5. If finishing and curing operations cannot be kept within their time sequence: Discontinue placement.
  - 6. Engineer reserves the right to order discontinuation of placement for any reasons deemed detrimental to the quality of the finished material.
- C. Maximum delivery time:
  - 1. Below 60 degrees Fahrenheit: 1-1/2 hours.
  - 2. Above 60 degrees Fahrenheit: 1 hour.
  - 3. Begins with addition of water to cement or cement to aggregates. Time ends when completely discharged.
  - 4. Extend time above 60 degrees Fahrenheit to 1-1/2 hours with approved retarder.
  - 5. Concrete must be totally discharged within maximum delivery time and/or 300 drum revolutions, whichever occurs first.
- D. Joints:
  - 1. Saw cut joints to prevent surface shrinkage cracks.
    - a. Longitudinal: Saw cut joints within 36 hours after placing concrete.
    - b. Transverse: Saw cut joints by approximately midnight of the same day of the concrete pour.
  - 2. Spacing: 10 feet minimum and as shown on Drawings.

3. Width: 1/4 inch.
  4. Depth: Pavement thickness/3.
  5. Tie bars: 3 feet on center placed at mid depth of slab. Follow details on Drawings.
  6. Dowel bars: 1 foot on center placed at mid depth of slab. Follow details on Drawings.
- E. Curing: Apply impervious coating. Follow State Specification 415.3.12
- F. Cold weather concreting:
1. Do not place below 35 degrees Fahrenheit.
  2. Do not place on frozen grade.
  3. Cover completed Work: Follow State Specifications 415.3.13.2.
- G. Testing:
1. Follow State Specifications 501.3.10.
  2. Perform slump test. Follow State Specifications 501.3.7.1
  3. Measure air entrainment: Follow State Specifications 501.3.2.4.2, AASHTO T152.
  4. Cast 6-inch diameter by 12 inch high compression strength cylinders.
  5. Cast 3 test cylinders for every 100 cubic yards placed.
  6. Allow Engineer to observe field testing.
  7. Test cylinders in lab:
    - a. 1 at 7 days.
    - b. 2 at 28 days.
    - c. Follow State Specifications 501, AASHTO T22 and T23.
- H. Opening to traffic: Permitted when design compressive strength achieved by lab test samples and with Engineer's approval.

### 3.07 INCIDENTAL CONSTRUCTION

- A. Concrete curb and gutter: Follow State Specification 601.3.
1. Joints.
    - a. Construct expansion joints at:
      - 1) 5 feet from inlets or catch basins.
      - 2) End of curves.
      - 3) 50 feet maximum intervals.
      - 4) At one end of all curb and gutter removed and replaced
      - 5) Single layer 1/2-inch thick expansive material.
    - b. Construct contraction joints at 10 feet spacing.
      - 1) Minimum spacing: 6 feet.
      - 2) Maximum spacing: 12 feet.
      - 3) Match abutting concrete joints.
      - 4) Depth: Minimum 2 inches.
  2. Curing:
    - a. Apply impervious coating within one hour of placement.
    - b. Coat all sides of curb including exposed surface after forms removed.
    - c. Apply two coats in perpendicular directions.
- B. Sidewalks: Follow State Specifications 602.3.
1. Required on both sides of all streets.
  2. Joints.
    - a. Provide expansion joints abutting existing construction and structures with 1/2 inch expansion joint filler.
      - 1) 50 feet maximum interval.
      - 2) At one end of all sidewalk removed and replaced.
    - b. Provide contraction joints at spacing equal to width of walk and:

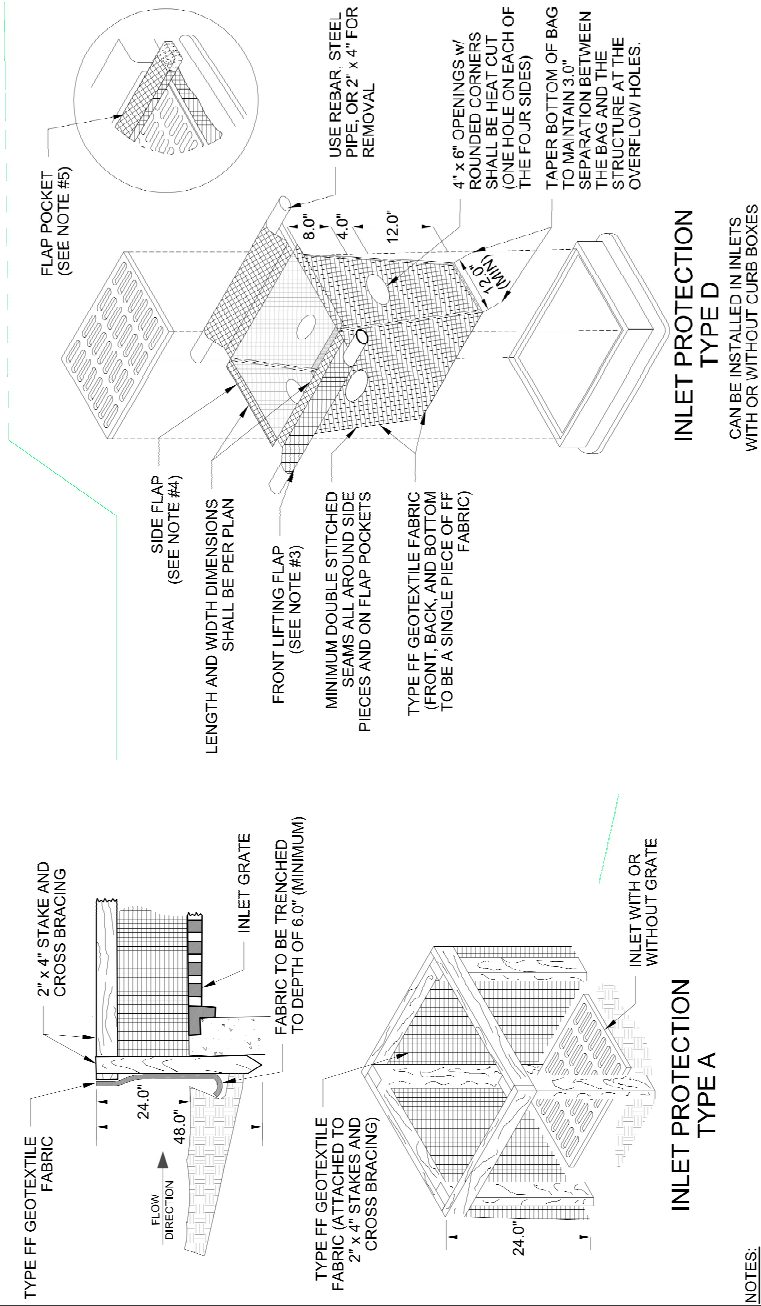
- 1) Minimum 3 feet.
    - 2) Maximum 12 feet.
    - 3) Depth: Minimum 1 inch.
    - 4) Width: Approximately 1/8 inch.
  3. Curb ramps: Follow State Specifications 602.3.
    - a. Construct curb ramps to ADA specifications and the latest version of the Wisconsin Department of Transportation curb ramp detail drawings.
  4. Curing:
    - a. Follow State Specifications 415.3.12.
    - b. Apply impervious coating within one hour of placement.
    - c. Coat all sides of sidewalk including exposed surface after forms removed.
    - d. Apply two coats in perpendicular directions.
  5. Steps: Follow State Specifications 602.3.4.
- C. Concrete drive approaches: Follow Village Standard Detail for Concrete Driveway Approach.
1. Joints.
    - a. Expansion Joints abutting curb or walk: Use 1/2-inch expansion joint filler.
    - b. Contraction Joints: Locate at midpoint of drive, perpendicular to curb.
      - 1) Minimum spacing 6 feet.
      - 2) Maximum spacing 12 feet.
  2. Curing.
    - a. Follow State Specifications 415.3.12.
    - b. Apply impervious coating within one hour of placement.
    - c. Coat all sides of concrete drive approach including exposed surface after forms removed.
    - d. Apply two coats in perpendicular directions.
- D. Asphaltic concrete drive approaches. Only allowed with approval from Public Works and Village Engineer. Follow PAVEMENT AND SURFACE COURSES in this Section, except place single 3-inch layer thickness.
- E. Pavement sawing. Follow State Specifications 690.3. Cut depth: Full pavement thickness
- F. Pavement marking: Follow State Specifications 646.3.
1. Apply same day on pavements open to traffic: State Specifications 646.3.1.
  2. Pavement surface temperature:
    - a. Painted: Above 35 degrees Fahrenheit.
  3. Provide clean pavement to ensure proper bonding.
  4. Provide temporary centerline marking at 50-foot interval between paving operations and application of final pavement marking.
  5. Temporary pavement marking: Follow State Specification 649.3 and Drawings.
- G. Drainage facilities:
1. Pipe culverts:
    - a. Follow State Specification 520.3, except do not use Paragraph 1 in Section 520.3.1.
    - b. Bedding: Provide 6 inches of 3/4-inch crushed stone chips below pipe.
  2. Private entrance and temporary culverts. Provide 6 inches of 3/8-inch crushed stone chips below pipe.
  3. Backfill with:
    - a. Excavated material when granular gradation is met and with Engineering Department approval.
    - b. Granular backfill.



- 4. Consolidate backfill by: Mechanical compaction.
  - 5. Salvaged pipe: Follow State Specifications 524.
  - 6. Apron endwalls:
    - a. Material: Same as pipe.
- H. Signs: Follow State Specifications 637.3.
  - 1. Relocating signs: Follow State Specifications 638.3.2.
- I. Traffic control: Follow State Specification 643.3.
  - 1. Warning lights: Type A.
- J. Guardrail: Follow State Specification 614.3.
- K. Retaining walls: Follow State Specifications 504.3.
- L. Restoration: Follow 32 90 00.
- M. Asphaltic curb: Follow State Specifications 465.3.2.

END OF SECTION

FIGURE 1. INLET PROTECTION TYPES A AND D



NOTES:

1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF OUTSIDE OF FILTER BAG, FRONT, BACK, AND BOTTOM OF FILTER BAG BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" x 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.

MAINTENANCE NOTES:

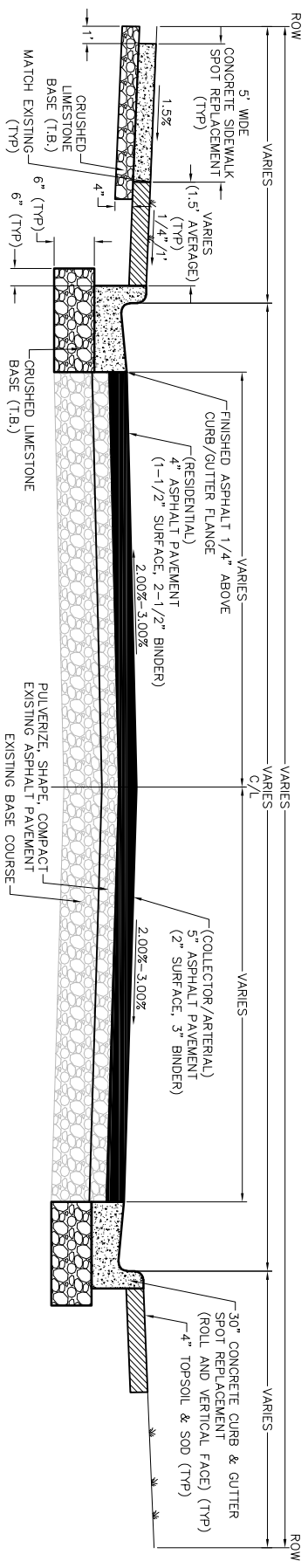
1. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.



1060  
TECHNICAL STANDARD No.  
08/2014  
REVISION DATE  
NOT TO SCALE

VILLAGE OF MUKWONAGO NOTE: TYPE D INLET PROTECTION SHALL BE USED IN ALL AREAS. WOOD/REBAR TO BE REMOVED DURING WINTER.

EXHIBIT PV-01 - EXISTING REHABILITATION

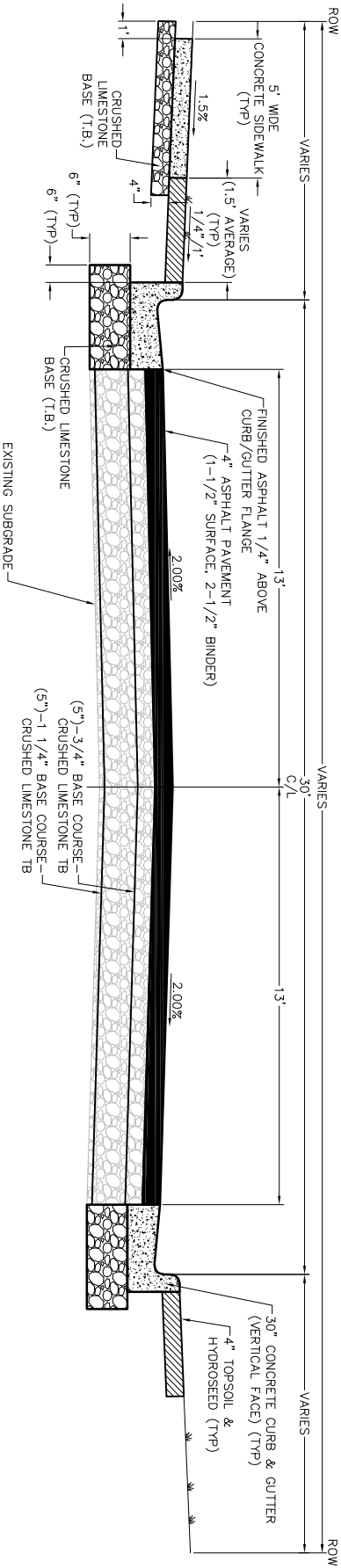


ASPHALT MIX SPECIFICATION				
COURSE	RESIDENTIAL	COLLECTORS	ARTERIAL/INDUSTRIAL	
BINDER	3LT 58-28S	3LT 58-28S	3MT 58-28S	
SURFACE	5LT 58-28S	5LT 58-28S	5MT 58-28H	

- NOTES:
1. ADJUST MH FRAMES, AND VALVE BOXES TO 1/4-INCH TO 1/2-INCH LOWER THAN FINISH GRADE.
  2. 4" THICK CONCRETE SIDEWALK, EXCEPT 6" THICK THROUGH DRIVEWAY APPROACH.
  3. COMPACT BASE TO 95%

TYPICAL EXISTING URBAN SECTION-REHABILITATION  
PV-01 2 NO SCALE

EXHIBIT PV-01A - NEW RESIDENTIAL

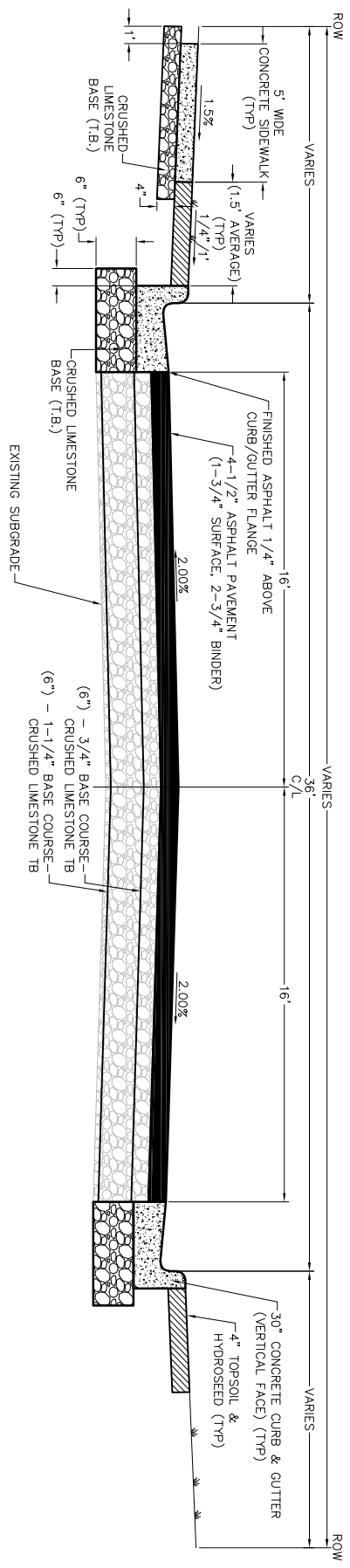


ASPHALT MIX SPECIFICATION				
COURSE	RESIDENTIAL	COLLECTORS	ARTERIAL/INDUSTRIAL	
BINDER	3LT 58-28S	3LT 58-28S	3MT 58-28S	
SURFACE	5LT 58-28S	5LT 58-28S	5MT 58-28H	

- NOTES:
1. ADJUST MH FRAMES, AND VALVE BOXES TO 1/4-INCH TO 1/2-INCH LOWER THAN FINISH GRADE.
  2. 4" THICK CONCRETE SIDEWALK, EXCEPT 6" THICK THROUGH DRIVEWAY APPROACH.
  3. COMPACT BASE TO 95%.

**TYPICAL NEW URBAN SECTION-RESIDENTIAL**  
PV-01A 2 NO SCALE

EXHIBIT PV-01B - NEW COLLECTOR

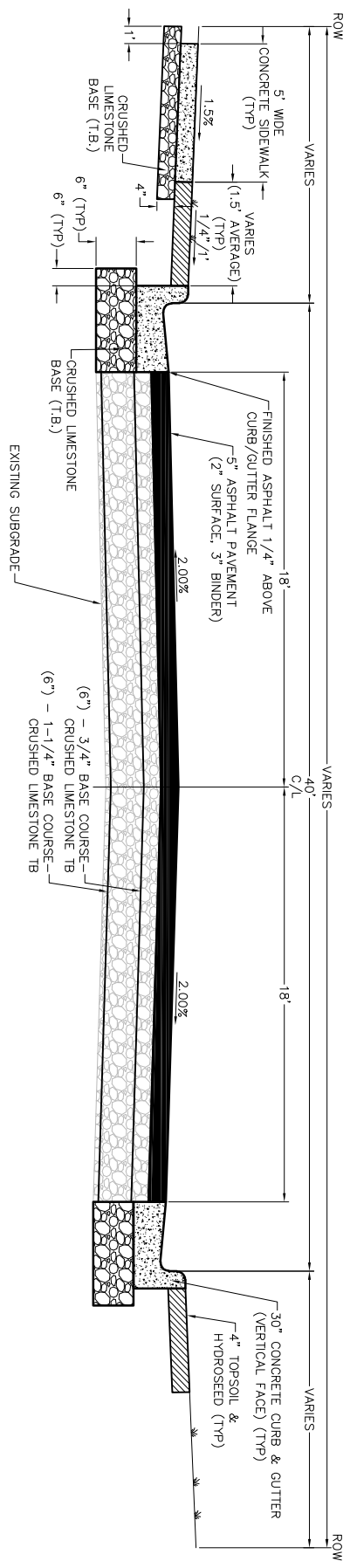


ASPHALT MIX SPECIFICATION				
COURSE	RESIDENTIAL	COLLECTORS	ARTERIAL/INDUSTRIAL	
BINDER	3LT 58-28S	3LT 58-28S	3MT 58-28S	
SURFACE	5LT 58-28S	5LT 58-28S	5MT 58-28H	

TYPICAL NEW URBAN SECTION-COLLECTOR  
PV-01B 2  
NO SCALE

- NOTES:
1. ADJUST MH FRAMES, AND VALVE BOXES TO 1/4-INCH TO 1/2-INCH LOWER THAN FINISH GRADE.
  2. 4\"
  3. COMPACT BASE TO 95%.

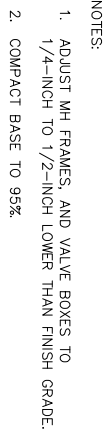
EXHIBIT PV-01C - NEW ARTERIAL



ASPHALT MIX SPECIFICATION				
COURSE	RESIDENTIAL	COLLECTORS	ARTERIAL/INDUSTRIAL	
BINDER	SLT 58-28S	SLT 58-28S	3MT 58-28S	
SURFACE	SLT 58-28S	SLT 58-28S	5MT 58-28H	

- NOTES:
1. ADJUST MH FRAMES, AND VALVE BOXES TO 1/4-INCH TO 1/2-INCH LOWER THAN FINISH GRADE.
  2. 4" THICK CONCRETE SIDEWALK, EXCEPT 6" THICK THROUGH DRIVEWAY APPROACH.
  3. COMPACT BASE TO 95%.

**TYPICAL NEW URBAN SECTION-ARTERIAL**  
PV-01C 2 NO SCALE



## PV-01D 2

NO SCALE

# EXHIBIT PV-02

## ASPHALT OR CONCRETE DRIVEWAY

driveapr 48

NO SCALE

- NOTE:
1. IN AREAS WHERE CURB IS MOUNTABLE, DRIVEWAYS TO MATCH TOP OF CURB.
  2. DRIVEWAY OPENING AT CURB MINIMUM 15' AND MAXIMUM 33'.

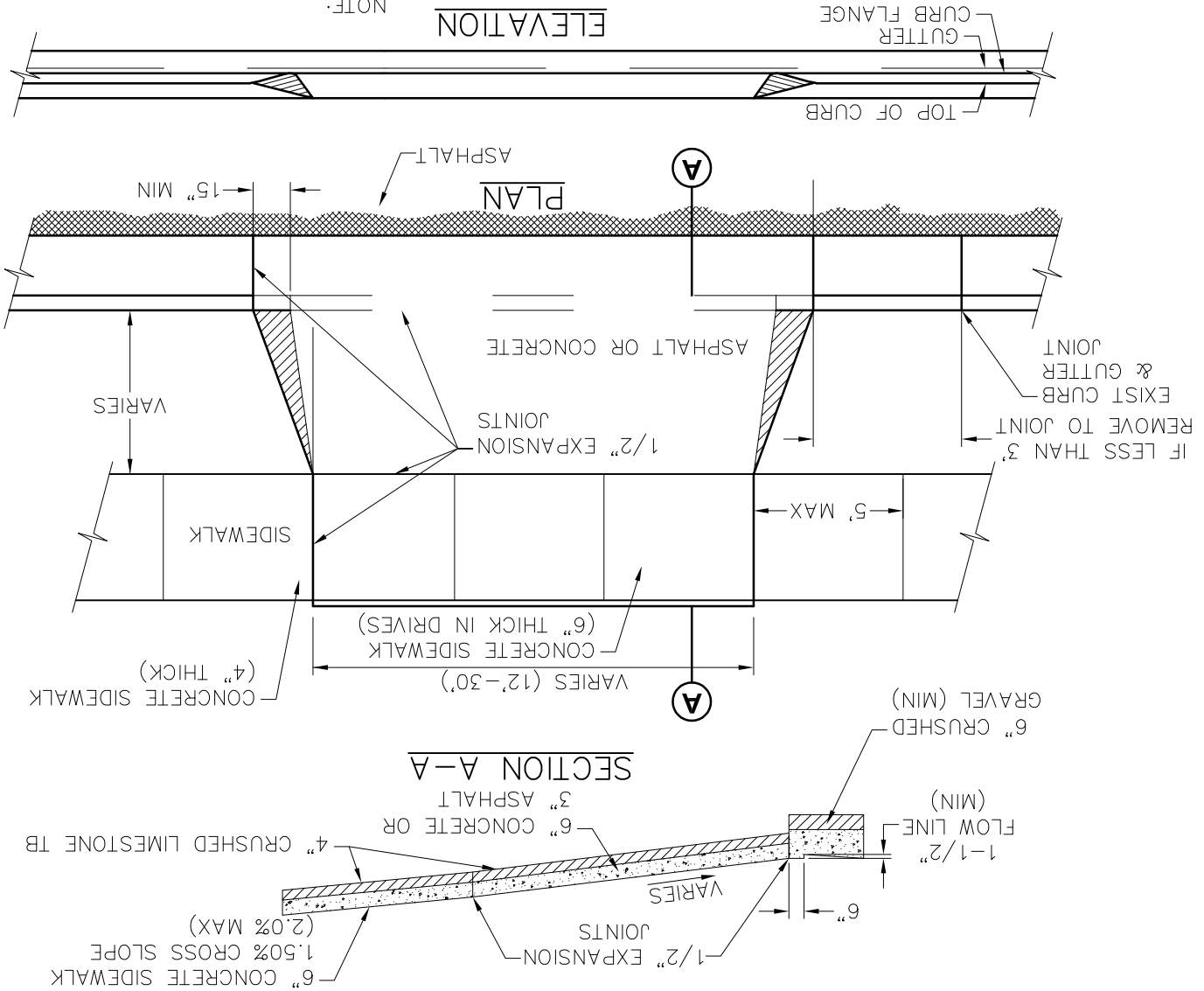




EXHIBIT PV-03

- NOTE:
1. ONLY TO BE USED IN REPLACEMENT OF EXISTING ROLL FACE CURB & GUTTER.

02770C&G1 1 NO SCALE

30" ROLL FACE CURB & GUTTER-REHABILITATION

NOTE:  
ROLL FACE CURB & GUTTER NOT ALLOWED IN NEW DEVELOPMENT.

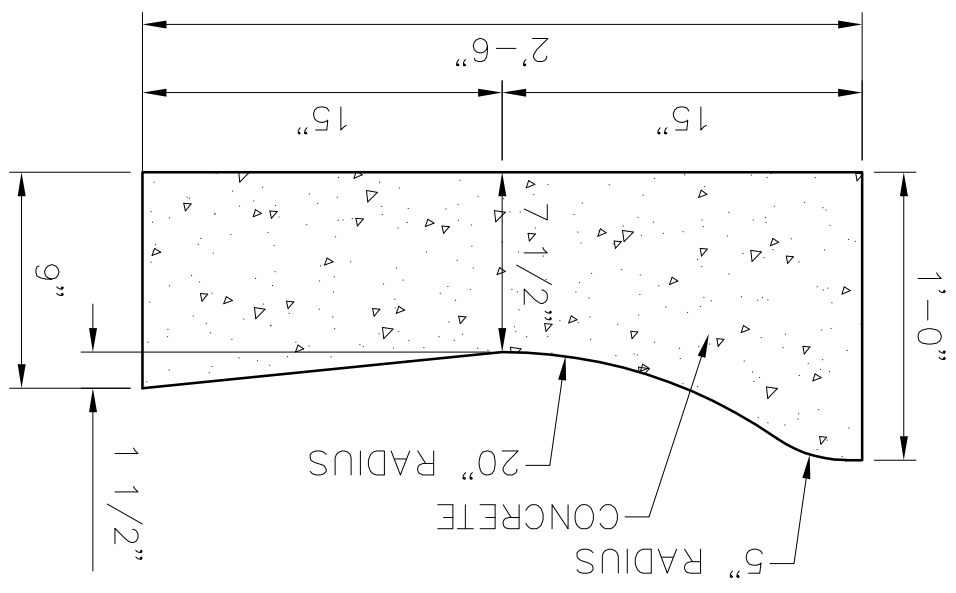
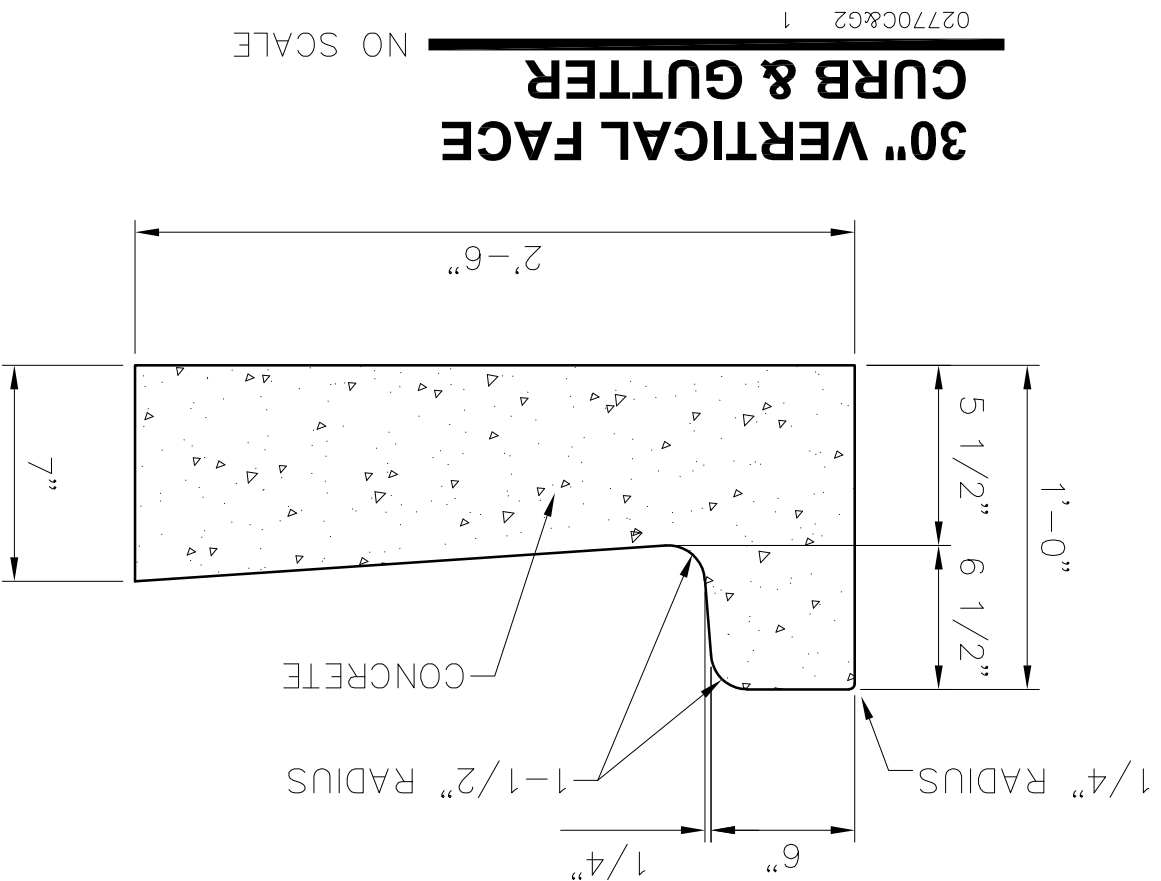


EXHIBIT PV-04





**EXHIBIT SAN-01**

MANHOLE.

1. USE SINGLE LAYER MONOLITHIC RING AND TWO 2-INCH ADJUSTING RINGS IN CHIMNEY.
2. NO STEPS ALLOWED IN TOP FIVE FEET OF MANHOLE, MEASURED FROM RIM ELEVATION DOWN.
3. SET ADJUSTING RINGS AND FRAME IN MASTIC.
4. BACKPLASTER OUTSIDE OF STRUCTURE, NO BACKPLASTER ALLOWED INSIDE

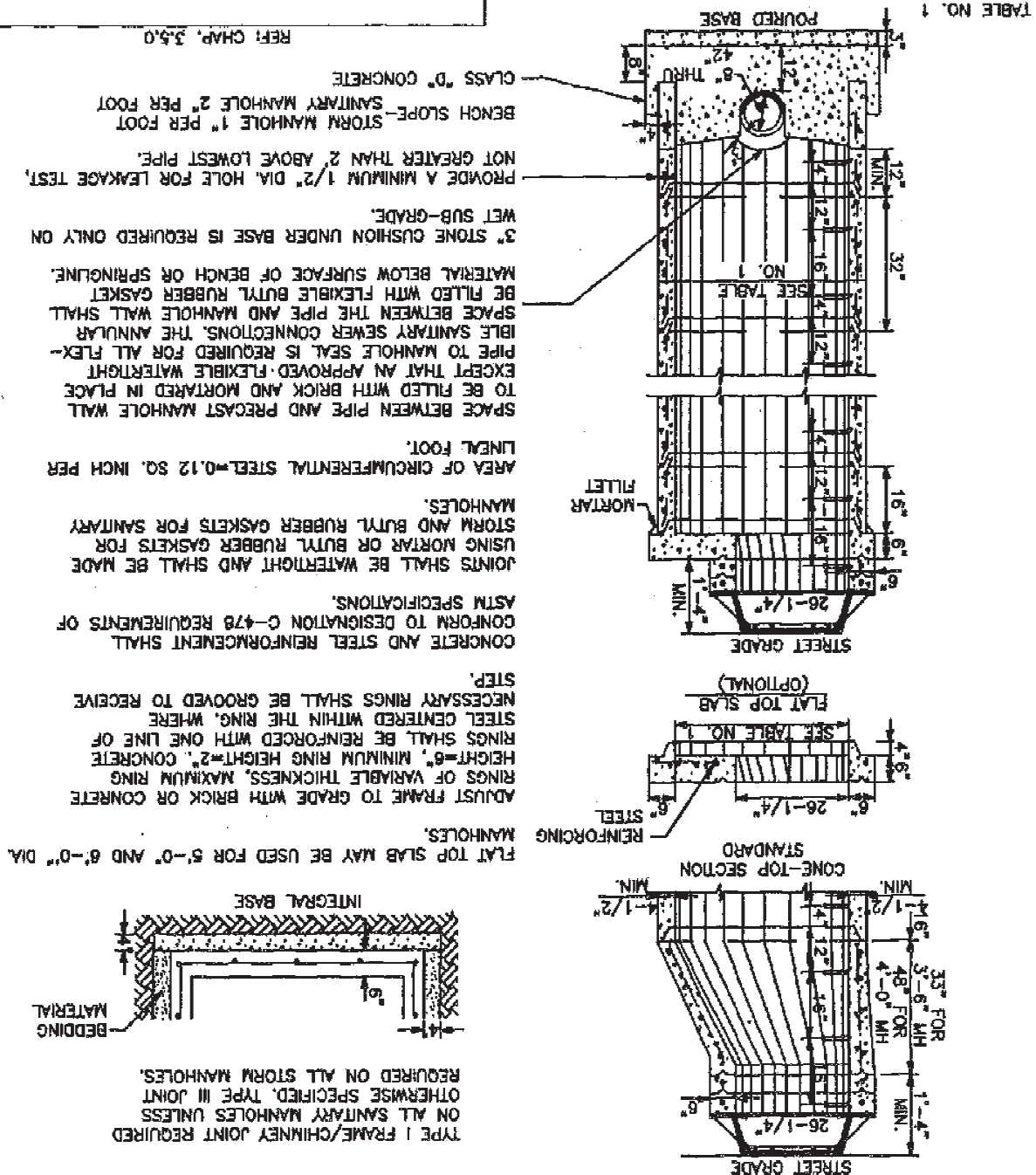
NOTE:

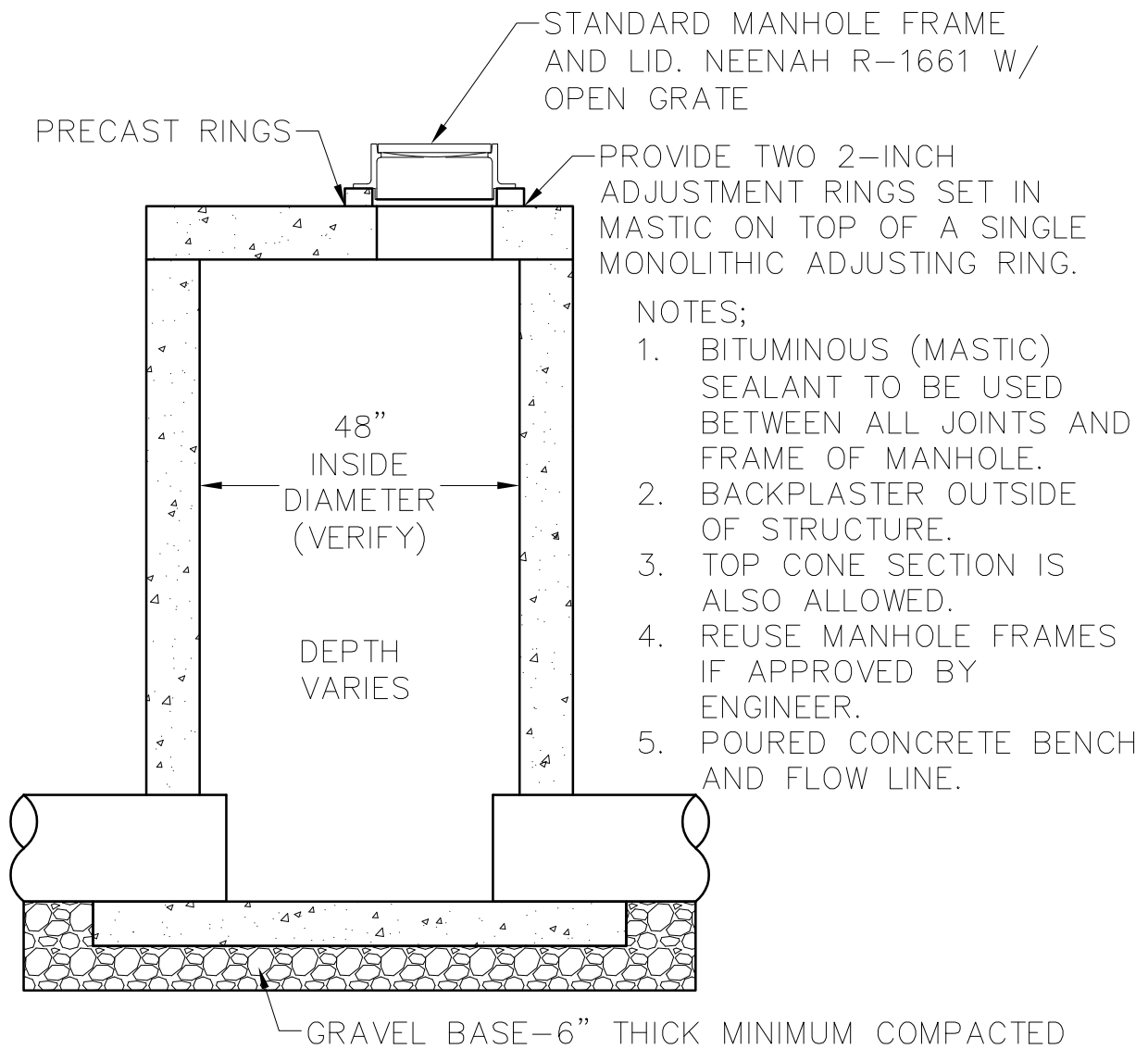
PIPE DIA	8 THRU 27"	3-6"	4 1/2"
PIPE DIA	30"	4-0"	5"
PIPE DIA	36"	5-0"	6"
PIPE DIA	42"	6-0"	7"
MANHOLE DIA			WALL THICKNESS

## PRECAST MANHOLE

NOT TO SCALE

FILE NO. 12





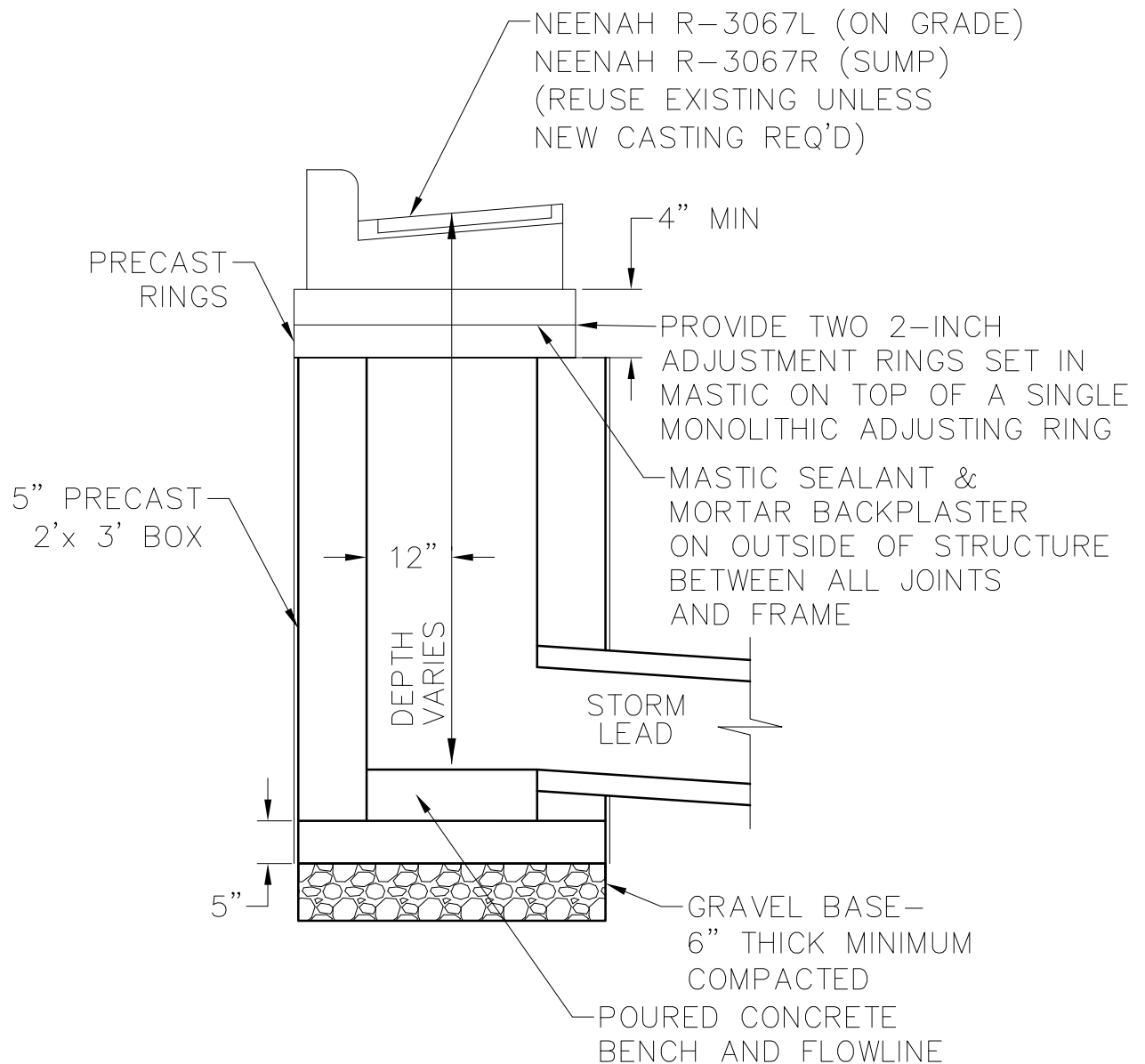
## STORM MANHOLE DETAIL

STO-01

20

NO SCALE

### EXHIBIT STO-01



1. INLET TO BE PROTECTED WITH GEOTEXTILE FABRIC BETWEEN THE GRATE AND FRAME. PROTECTION TO REMAIN IN PLACE UNTIL SITE VEGETATION IS ESTABLISHED.
2. IN AREAS WITH ROLL FACE CURB, REPLACEMENT CURB SHALL TRANSITION TO VERTICAL FACE CURB & GUTTER AT INLET FRAME.

## STORM INLET DETAIL

STO-02

20

NO SCALE

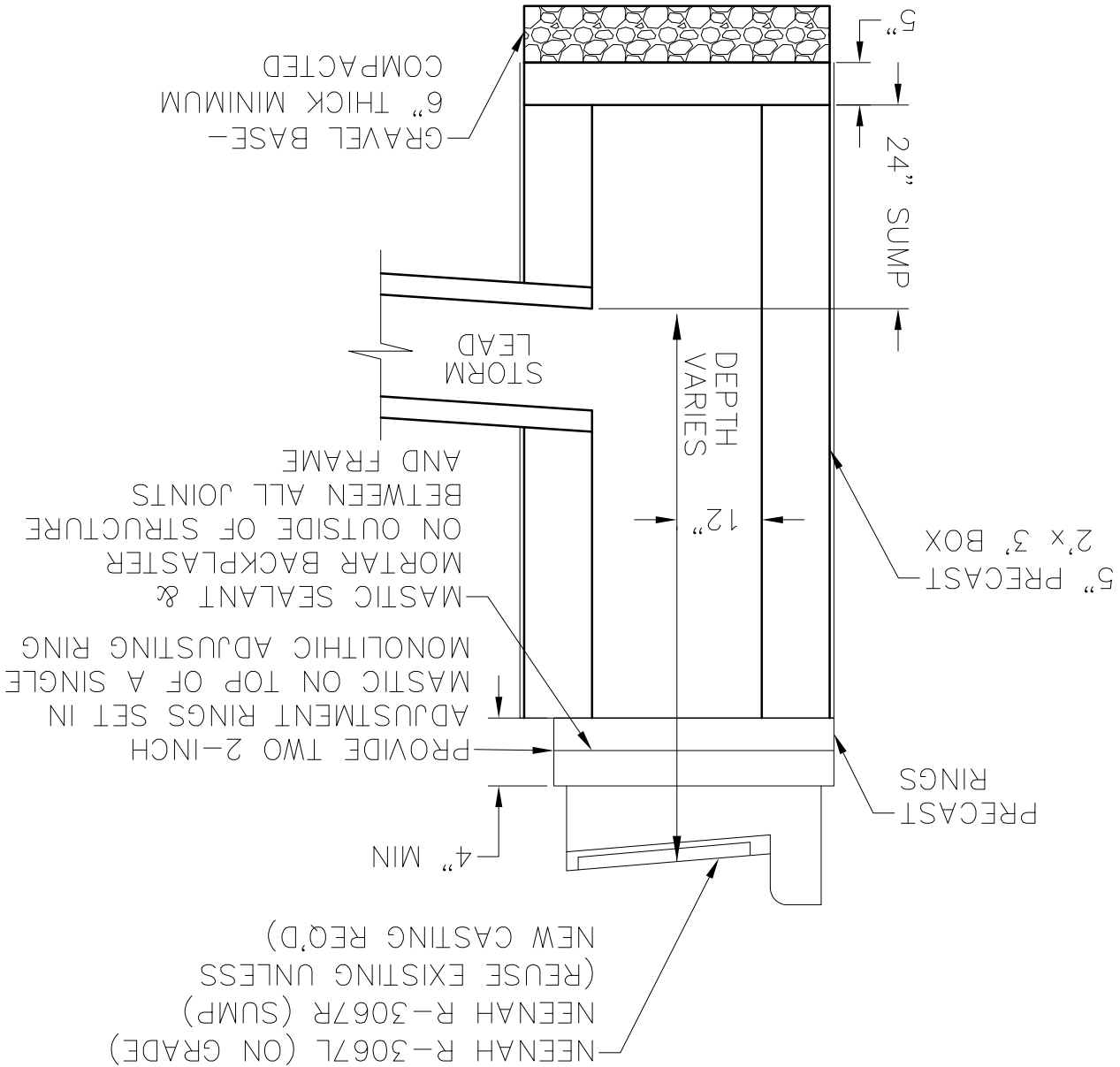
## EXHIBIT STO-02

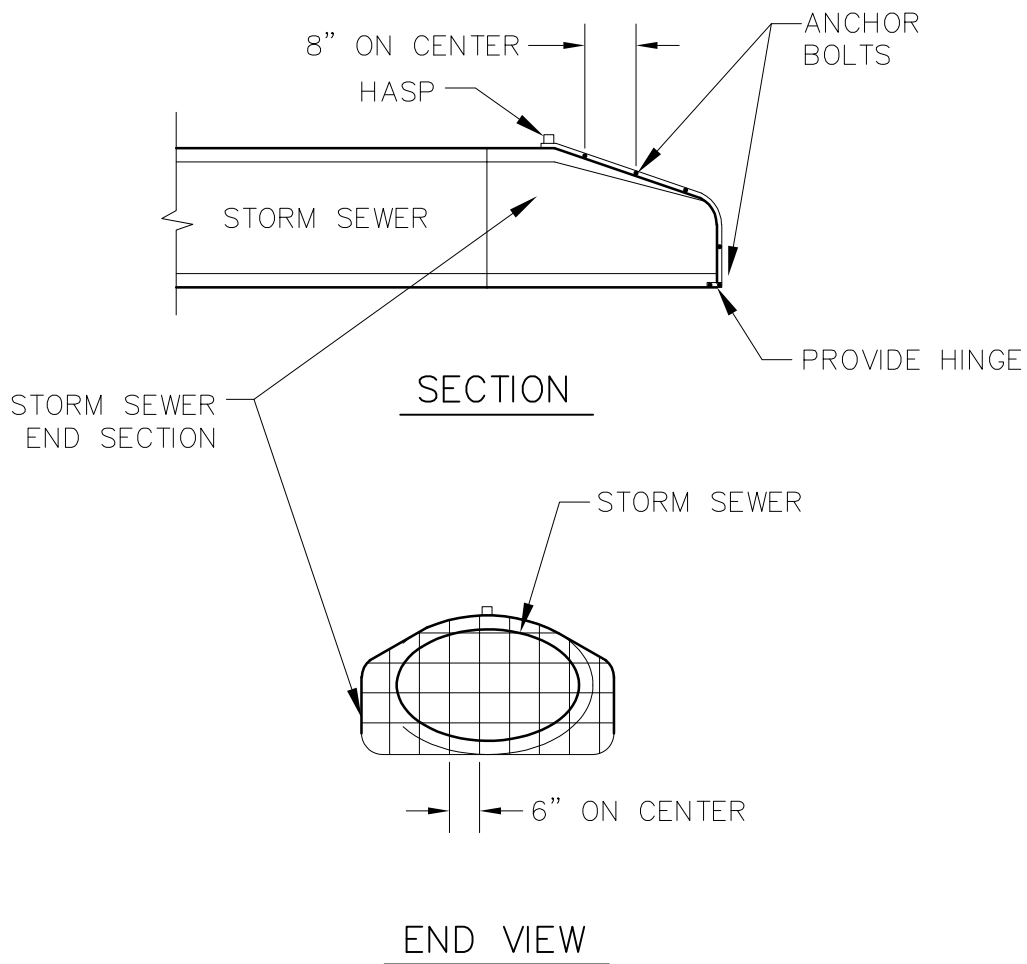
# EXHIBIT STO-03

STO-03 20  
NO SCALE

## CATCH BASIN DETAIL

1. INLET TO BE PROTECTED WITH GEOTEXTILE FABRIC BETWEEN THE GRATE AND FRAME. PROTECTION TO REMAIN IN PLACE UNTIL SITE VEGETATION IS ESTABLISHED.
2. IN AREAS WITH ROLL FACE CURB, REPLACEMENT CURB SHALL TRANSITION TO VERTICAL FACE CURB & GUTTER AT INLET FRAME.





NOTES:

- 1) TRASH RACK BARS TO BE GALVANIZED.
- 2) CONNECTOR PLATE WITH BOLT ATTACHED AT THREE POINTS TO ENDWALL.
- 3) PLANT FIT TRASH RACK CONFIGURATION TO FIT RELATIVE END SECTION.

**TRASH RACK**

STO-GRATE-04

96

NO SCALE

**EXHIBIT STO-04**

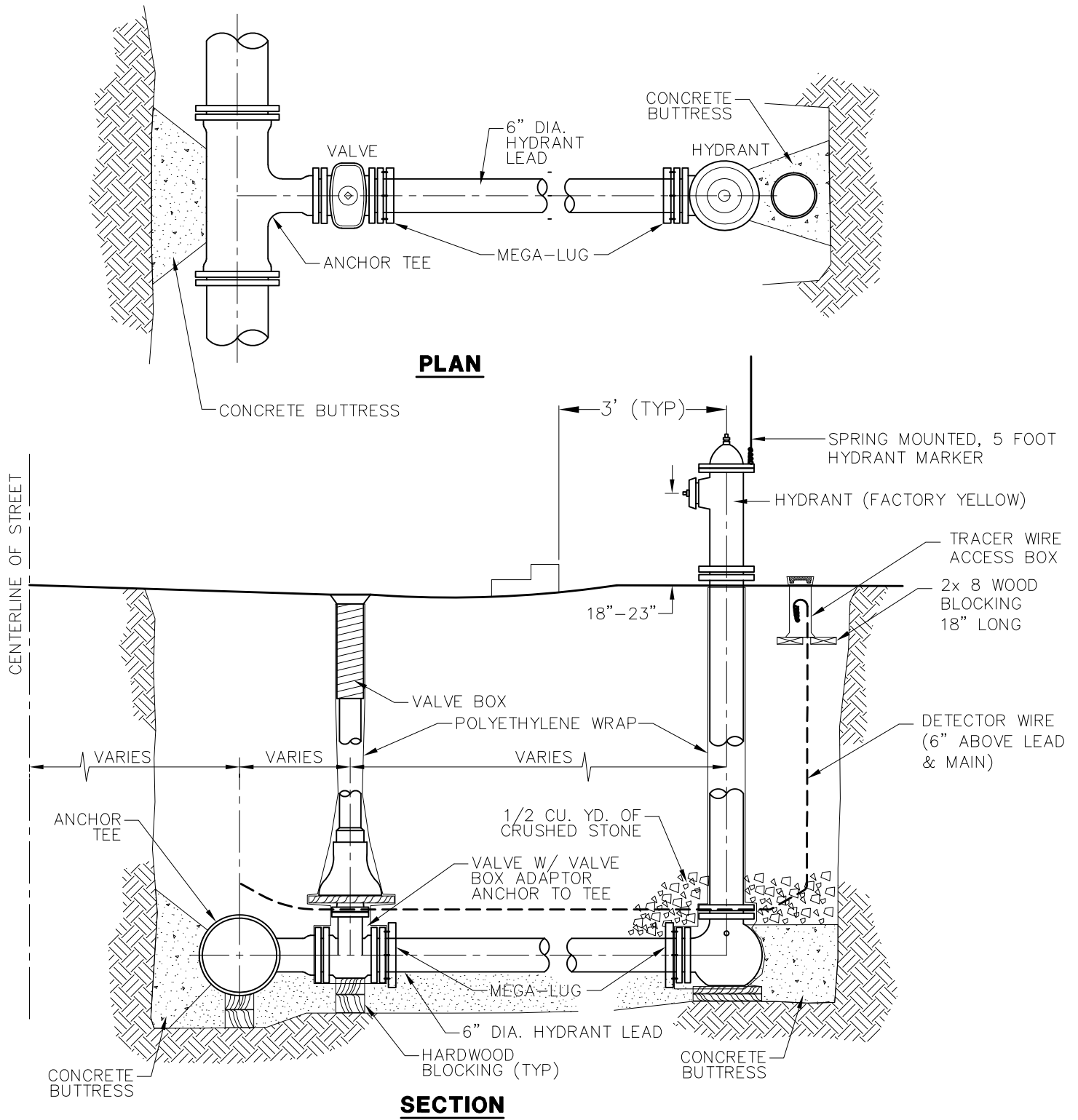


## INTERIM CATCH BASIN

STO-CB-07 32

## CROSS SECTION





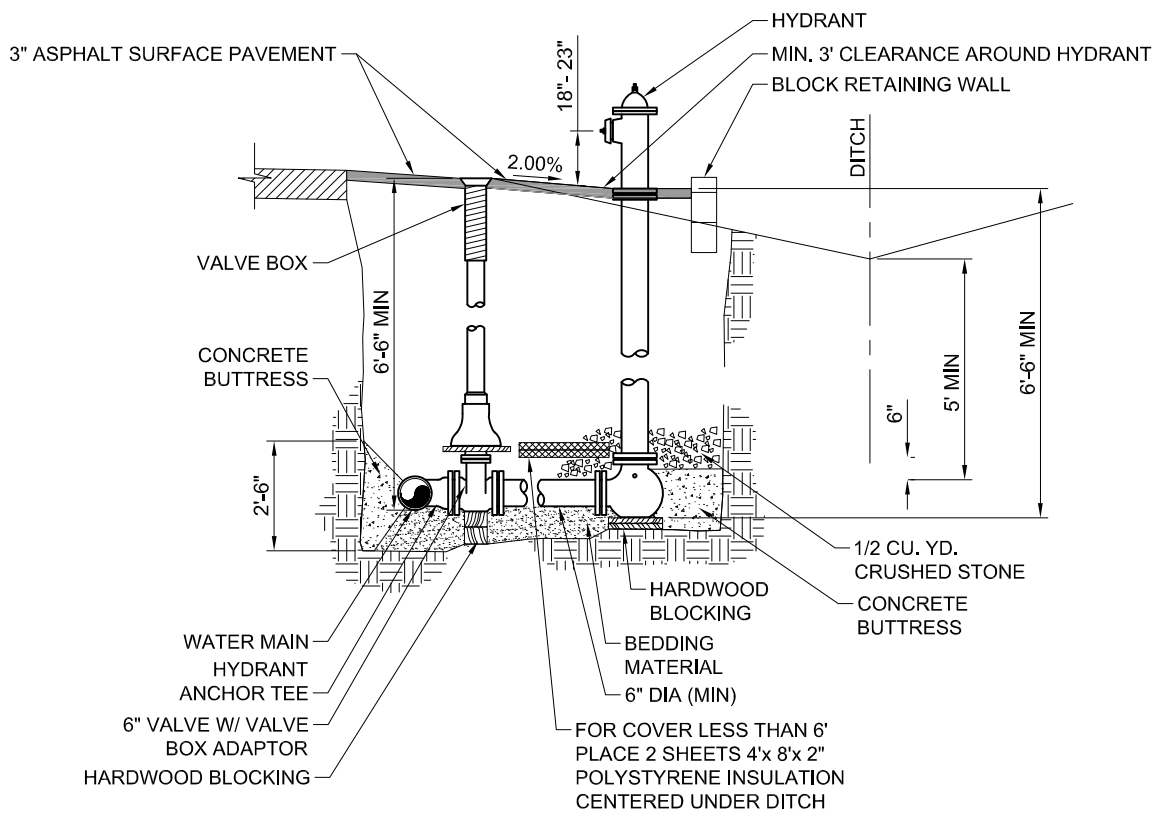
NOTE :  
REFER TO FILE NO. 38 OF THE "STANDARD SPECIFICATIONS  
FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN" FOR  
FURTHER INFORMATION

HYDRANT LEADS SHALL BE RESTRAINED

## HYDRANT SETTING DETAIL

CGDTHYD 24

NO SCALE

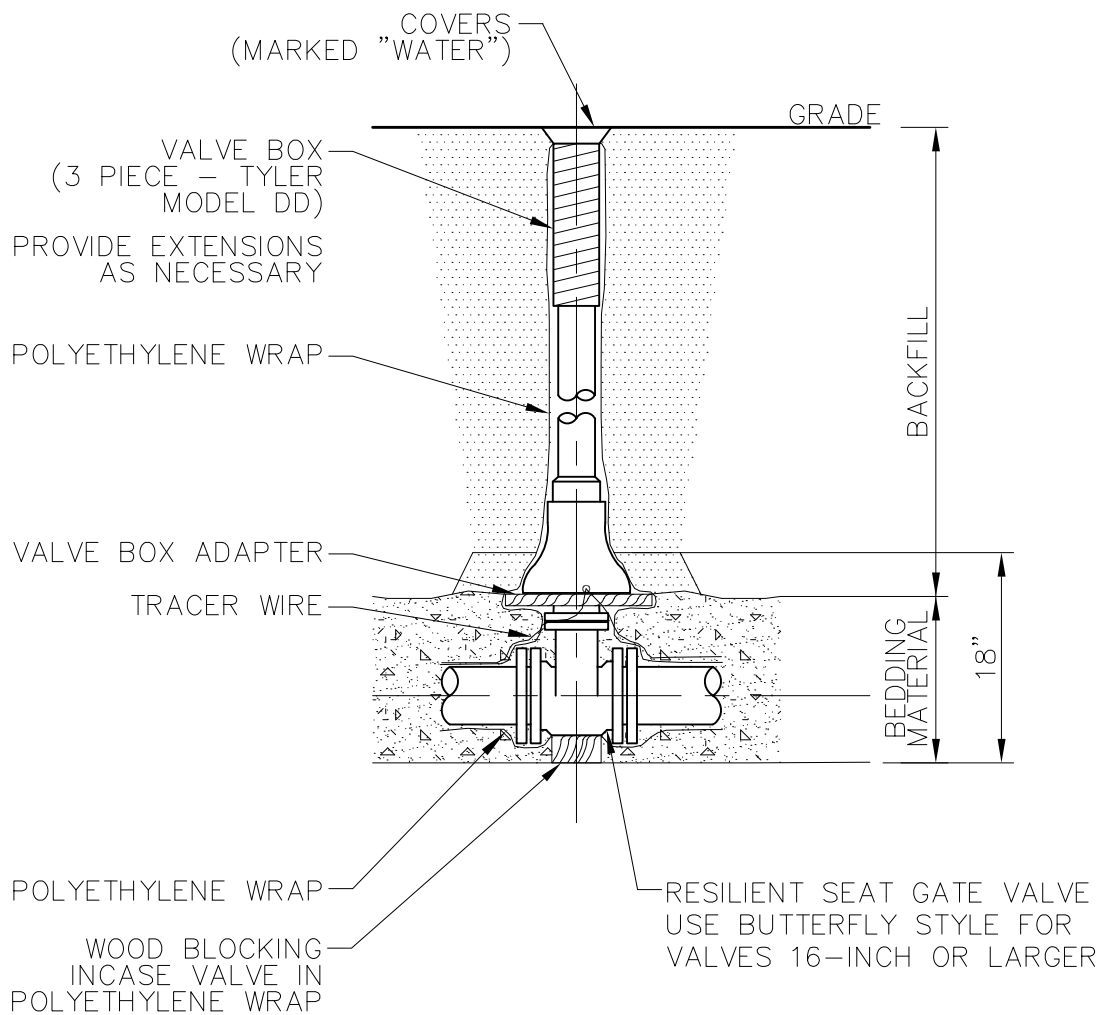


## DITCHLINE HYDRANT RETAINING WALL

WT-HYD-02

32

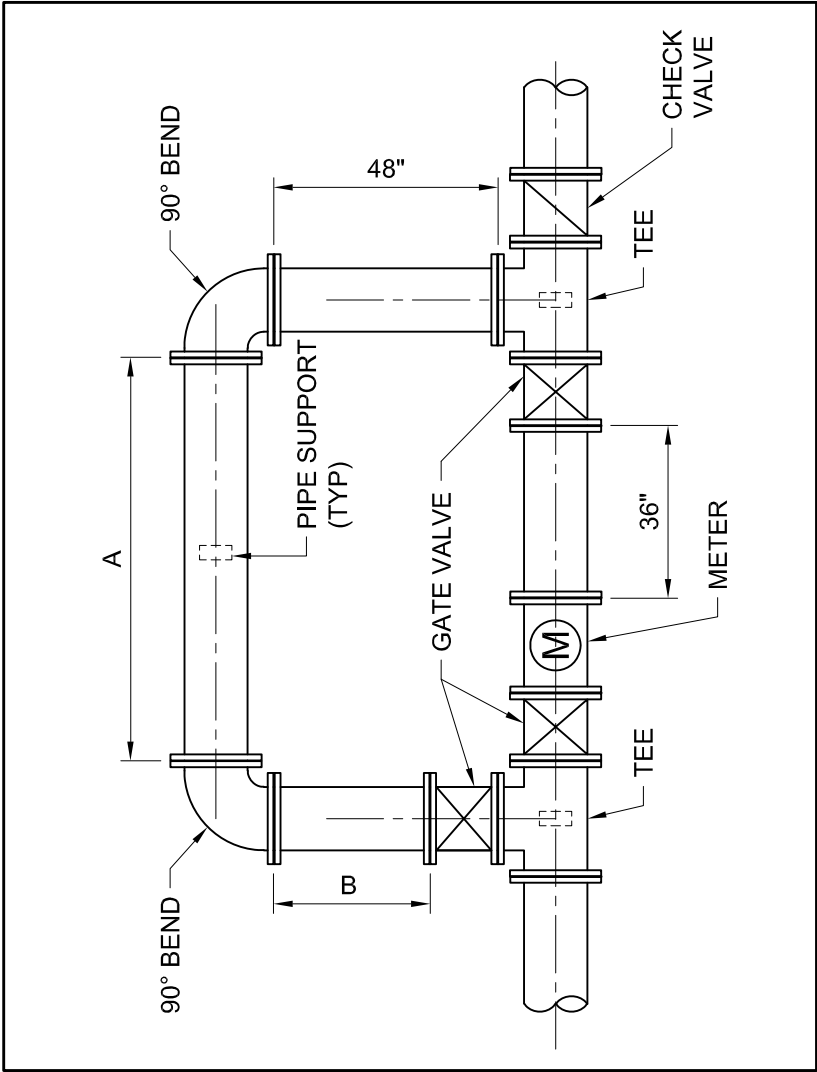
NO SCALE



## STANDARD GATE VALVE BOX SETTING

CGDTWVBX 24

NO SCALE



- NOTES:
- CHECK VALVE ONLY REQUIRED IF LOOPED INTO SYSTEM, SINGLE FEED NOT REQUIRED.
  - PROVIDE SMOOTH BORE SAMPLE TAP.
  - PROVIDE POURED CONCRETE FLOOR SLOPED TO DRAIN.
  - ALL METERS SHALL HAVE LIFTING EYE CENTERED ON METER.
  - ROOM SHALL HAVE DOUBLE SWINGING ENTRY DOORS.
  - PROVIDE PAVED ACCESS DRIVE TO ENTRYWAY.
  - INSTALL TEST PORT THROUGH WALL TO EXTERIOR OF BUILDING.
  - PROVIDE 48-INCHES OF CLEARANCE BETWEEN PIPING AND WALLS.
  - CENTERLINE OF MAINLINE PIPE SHALL BE 18"-24" OFF SURFACE ELEVATION.
  - NO UNDERGROUND VAULT STRUCTURES ALLOWED.

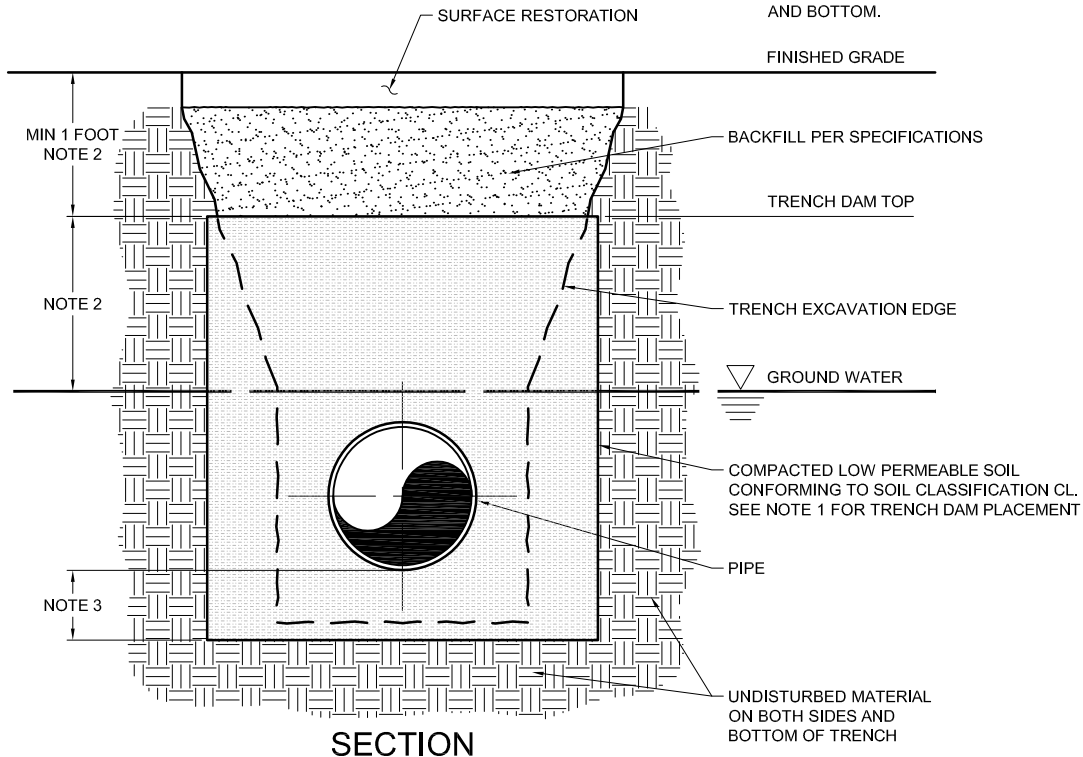
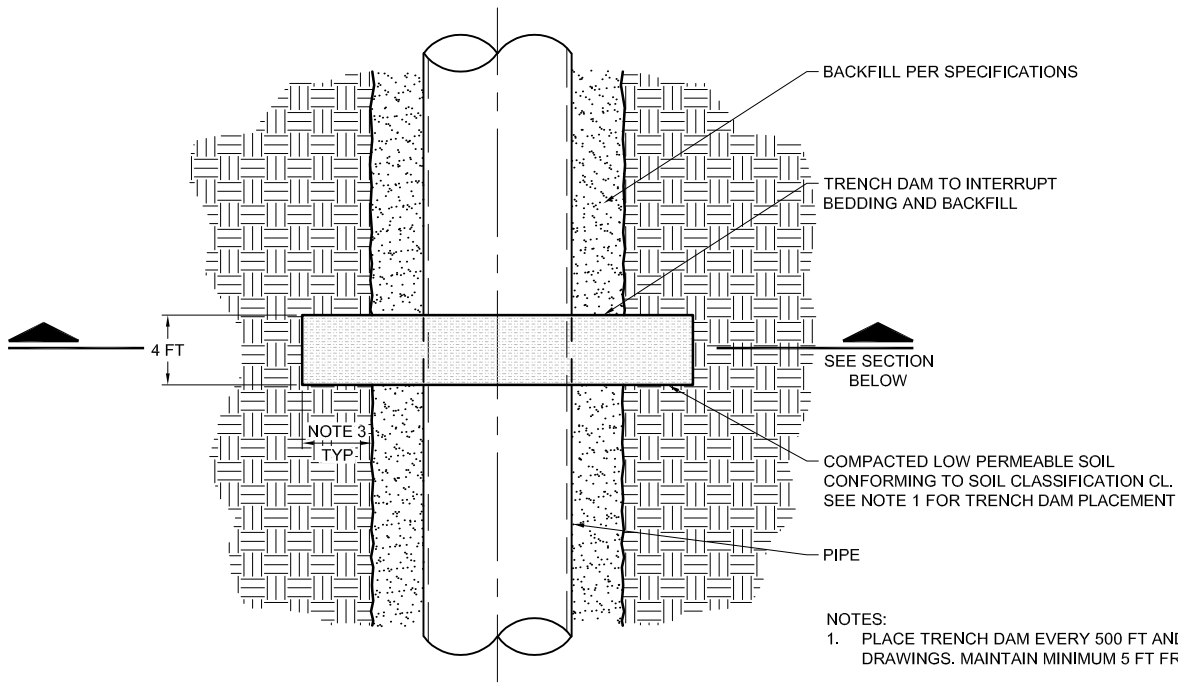
PIPE / METER SIZE	A	B	DISTANCE FROM METER TO DOWNSTREAM CHECK VALVE
4"	87 <sup>3</sup> / <sub>8</sub> "	38 <sup>7</sup> / <sub>8</sub> "	20"
6"	102 <sup>3</sup> / <sub>8</sub> "	37 <sup>3</sup> / <sub>8</sub> "	30"
8"	112 <sup>3</sup> / <sub>8</sub> "	36 <sup>3</sup> / <sub>8</sub> "	40"

WATER METER LAYOUT PLAN

NO SCALE

Z-018-WM-02-WATER METER VAULT DETAIL32

EXHIBIT WM-02



## TRENCH DAM

NO SCALE (32) CDT-TRENCH DAM

## EXHIBIT-UT-01

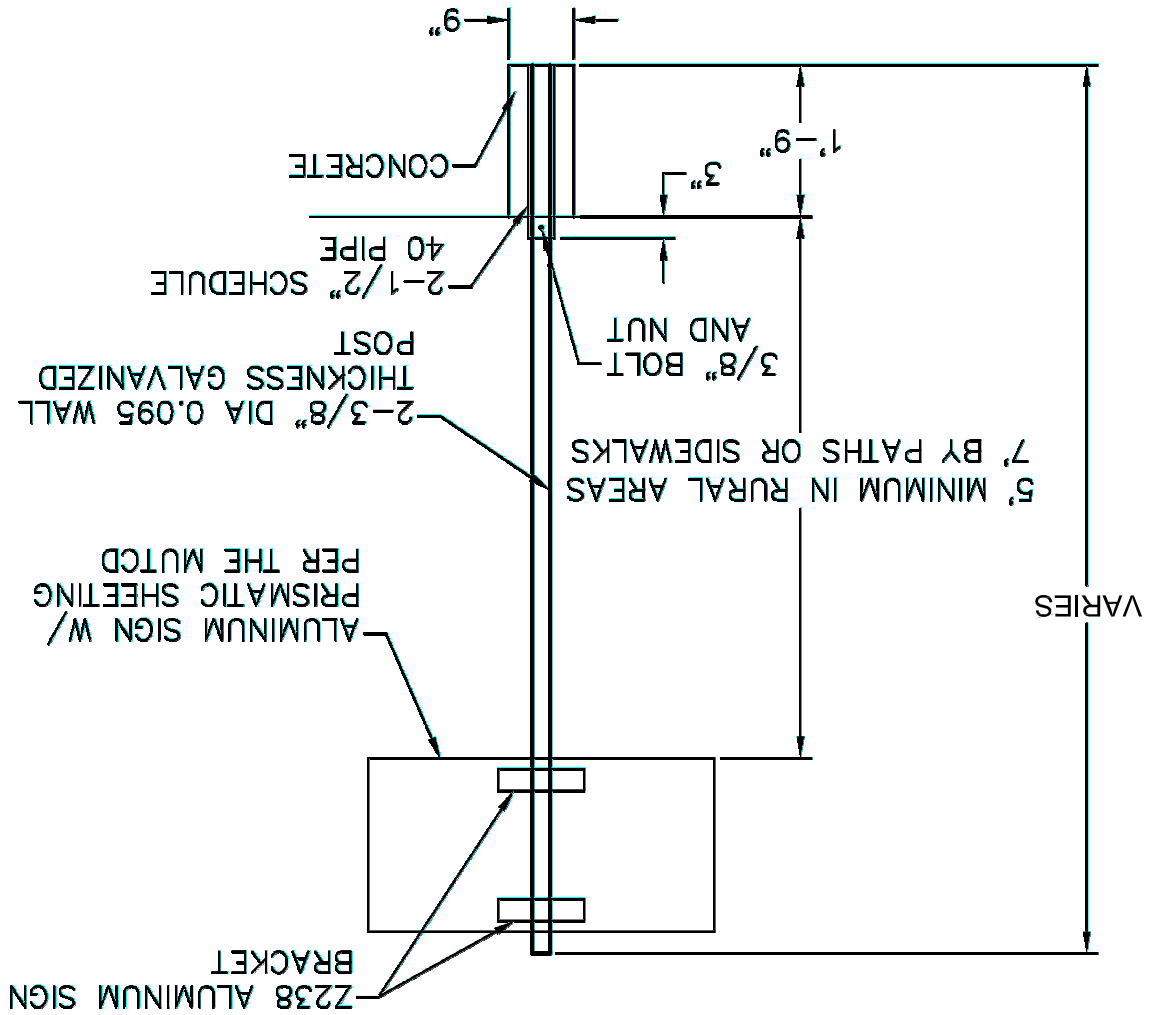
# EXHIBIT GN-01

## SIGN POST DETAIL IN PAVEMENT

NO SCALE

Sign post detail in pavement 2

ALL SIGN INSTALLATIONS TO MEET MUTCD STANDARDS.  
SIGNS TO BE HELD TO THE BRACKETS WITH STAINLESS STEEL NYLON LOCK NUTS.  
ALL PEDESTRIAN AND SCHOOL CROSSING SIGNS HAVE TO BE F.Y.G.H.P.  
STREET NAME PLATES SHALL BE 9" BLADE WITH 6" UPPER/LOWER CASE LETTERING, WHITE  
ON GREEN LETTERING. (FOR PRIVATE ROADS LETTERING IS WHITE ON BLUE)

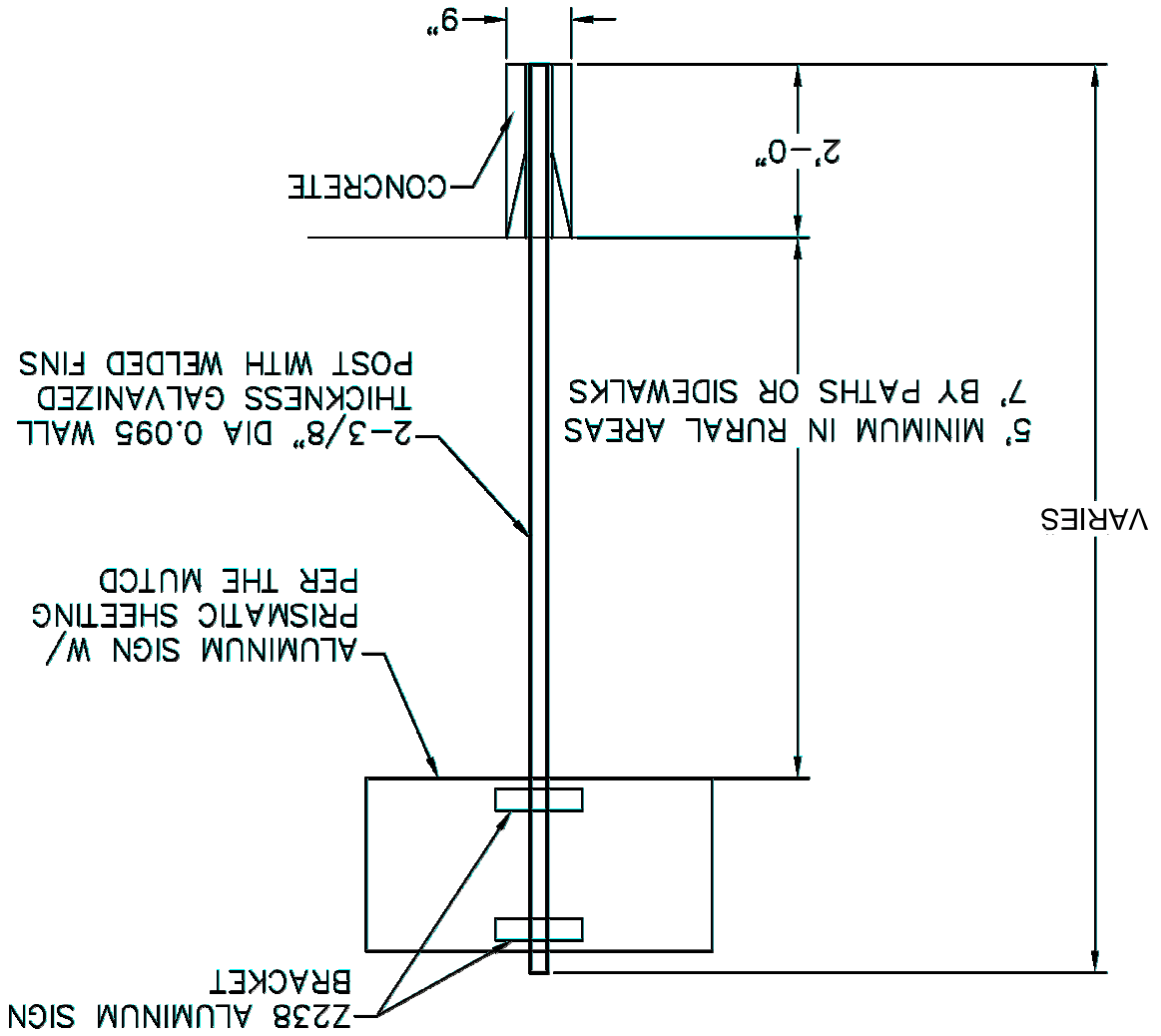


## EXHIBIT GN-02

Sign post detail in rural 2

### SIGN POST DETAIL IN UNPAVED AREAS

ALL SIGN INSTALLATIONS TO MEET MUTCD STANDARDS.  
SIGNS TO BE HELD TO THE BRACKETS WITH STAINLESS STEEL NYLOK LOCK NUTS.  
ALL PEDESTRIAN AND SCHOOL CROSSING SIGNS HAVE TO BE FYGHP.  
STREET NAME PLATES SHALL BE 9" BLADE WITH 6" UPPER/LOWER CASE LETTERING, WHITE  
ON GREEN LETTERING. (FOR PRIVATE ROADS LETTERING IS WHITE ON BLUE)



NO SCALE



November 29, 2022

Mr. Fred Schnook  
Administrator  
Village of Mukwonago  
440 River Crest Court  
Mukwonago, Wisconsin 53149

Re: 2023-2025 Village Engineering Services Agreement

Dear Mr. Schnook:

I am enclosing a proposed agreement for Village Engineering Services for 2023 thru 2025. Ruekert & Mielke, Inc. (R/M) has been providing Village Engineering Services since the 1960's and we value our long-term working relationship. The proposed agreement identifies discounts that we are offering in recognition of our assignment as Village Engineer.

We are available to meet with you to discuss the proposed agreement or other ideas that you have.

If you have any questions, please feel free to call me. I look forward to continuing to work with you and your team.

Respectfully,

RUEKERT & MIELKE, INC.



Jerad J. Wegner, P.E. (WI)  
Team Leader/Project Manager  
[jwegner@ruekert-mielke.com](mailto:jwegner@ruekert-mielke.com)

Respectfully,

RUEKERT & MIELKE, INC.



Ryan T. Amtmann, P.E. (WI, IL, MI)  
Vice President  
[ramtmann@ruekert-mielke.com](mailto:ramtmann@ruekert-mielke.com)

RTA:sjs

Enclosure(s)

cc: Fred Winchowky, Village of Mukwonago  
Michael E. Michalski, Ruekert & Mielke, Inc.

**AGREEMENT FOR VILLAGE ENGINEER SERVICES  
FOR THE VILLAGE OF MUKWONAGO**

IT IS HEREBY AGREED that Ruekert & Mielke, Inc. (R/M) will serve as Village Engineer for the Village of Mukwonago subject to the terms and conditions of this Agreement.

**RECITALS**

1. The Village of Mukwonago is a Wisconsin municipal corporation engaged in the practice of local government in Waukesha County, Wisconsin.
2. The Village Engineer has been engaged in and has had a great deal of experience in municipal and civil engineering as well as significant historical knowledge of the Village of Mukwonago's infrastructure systems.
3. Both parties are willing to enter into this Agreement.
4. For the above reasons, and in consideration of the mutual promises and agreements hereinafter set forth, the Village of Mukwonago and the Village Engineer agree as follows:

**SECTION I: DUTIES AND RESPONSIBILITIES**

The Village of Mukwonago hereby engages R/M as the Village Engineer for the Village of Mukwonago, Wisconsin, to perform the following duties and services.

1. To perform duties as identified in Exhibit "A" of this agreement including engineering for public works, storm water, and the water and sewer utilities.
2. To perform such other municipal engineering duties and have such other responsibilities, not inconsistent with law, as shall from time to time be prescribed or directed.
3. To attend Village Board Meetings upon request and other requested meetings that may require the Village Engineer's expertise.

The Village Engineer hereby accepts and agrees to such engagement, subject to the general supervision and pursuant to the order, advice and direction of the Village Board and Village Administrator.

**SECTION II: PRIMARY ENGINEER/ASSIGNABILITY**

Over the course of this 3-year agreement, it is R/M's intent to continue utilizing Jerad J. Wegner, P.E. as the primary engineer. Jerad will serve as the client manager and coordinate day-to-day activities with R/M's service to the Village of Mukwonago. Ryan Amtmann will serve as R/M's Principal in charge. Michael E. Michalski and Peter W. Gesch, P.E. will continue to serve the Village as Project Manager's for Village CIP and development review projects. Other personnel in the firm may directly service the needs of the Village under the direction and coordination of Jerad and with the consent of the Village.

R/M shall not assign any interest in this Agreement and shall not transfer any interest in same whether by assignment, notation or any other matter without the prior written consent of the Village. Provided, however, that claims for money due or to become due R/M from the Village under this Agreement, may be assigned to a bank, trust company or a financial institution without such approval. Notices of assignments or transfers shall be furnished promptly to the Village.

### SECTION III: TERM OF AGREEMENT

The term of this agreement shall be three (3) years commencing January 1, 2023, and terminating December 31, 2025, subject, however, to prior termination as provided in Section IV. At least three (3) months prior to the expiration of this Agreement the Village and Village Engineer shall renegotiate the terms of this Agreement. In the event that mutually agreeable terms cannot be reached, then this Agreement shall terminate on December 31, 2025 as provided hereof.

R/M and the Village agree that the Village will conduct annual evaluations of R/M's performance of the engineering services provided for hereunder. R/M and Village staff have developed mutually agreeable metrics and goals for which the evaluations will be conducted.

Audits and Inspections. At any time during normal business hours and as often as the Village or if federal or state grants or aids are involved as the appropriate federal or state agency may deem necessary, there shall be made available to the Village or such agency for examination all of R/M's records with respect to all matters covered by this Agreement. This Agreement will permit the Village or such agency and/or representative to audit, examine or make excerpts or transcripts from such records and to make audits of all contracts, invoices, and other data relating to all matters covered by this agreement.

### SECTION IV: COMPENSATION

The Village shall pay for the services provided under this Agreement at rates as listed in Exhibit "B" for 2023. Jerad J. Wegner, P.E. will be billed at the Engineer 7 level which is anticipated to have a normal hourly rate of \$215/hour. Jerad's rate will be discounted by \$15/hour, to \$200/hour, for the term of this Agreement. Michael E. Michalski will be billed at the Engineer 4 level which is anticipated to have a normal hourly rate of \$175/hour. Mike's rate will be discounted by \$10/hour, to \$165/hour, for the term of this Agreement. David W. Arnott, P.E., will be billed at the Engineer 7 level, which is anticipated to have a normal hourly rate of \$215/hour. Dave's rate will be discounted by \$10/hour, to \$205/hour, for the term of this Agreement.

Upon the commencing of a new year, R/M issues a new set of rates for the year. The 2023 rates listed in Exhibit B will be increased by the Consumer Price Index (CPI) within the Midwest Region for 2024 and 2025.

- A. The Village Engineer will provide task orders for each project for which the Village requires engineering services and has budgeted funds. These task orders will detail the level of effort, cost of services and timeline for providing our services. These task orders will be approved by the Village's Public Works Committee. For other day-to-day activities, the Village Engineer will bill for its services on a time and material basis.
- B. The Village Engineer shall submit to the Village an invoice statement every four weeks. The Village shall pay amounts due within thirty (30) days of the receipt of the invoice statement.
- C. The Village shall not provide administrative services or employment benefits of any kind to the Village Engineer.
- D. The Village shall reimburse the Village Engineer for all disbursements the firm makes regarding the services provided to the Village including such items as mileage, postage, copies, plots and permit fees.

#### SECTION V: ADDED VALUE DISCOUNT

Over the course of the last three years the Village has made great strides with the implementation of its cloud GIS portal. During the term of this agreement R/M will provide a discount of \$12,990/year from the Village's GIS software subscription charge, bringing the total charge to \$4,000.00/year.

#### SECTION VI: CONFLICT OF INTEREST

The Village Engineer shall not advise or represent any other client in matters directly related to Village affairs, or in real or potential conflict of interest with the Village. The Village Engineer shall notify the Village Board promptly of any real or potential conflicts of interest as they arise. The firm shall withdraw from a matter as a result of any real or potential conflict of interest and request the Village appoint alternative engineering professionals for that matter.

#### SECTION VII: MODIFICATION OF CONTRACT

No waiver or modification of this Agreement or for any covenants, condition or limitation herein contained shall be valid unless in writing and duly executed by the party to be charged therewith. No evidence of any waiver or modification shall be offered or received in evidence in any proceeding, arbitration or litigation between the parties hereto arising out of or affecting this Agreement or the rights or obligations of the parties hereunder, unless such waiver or modification is in writing, fully executed as aforesaid. The parties further agree that the provisions of this section may not be waived, except as specifically herein set forth.

#### SECTION VIII: STANDARD TERMS & CONDITIONS

Our Engineering related services will be provided to you under our standard terms and conditions titled *Ruekert & Mielke, Inc. Standard Terms and Conditions (Engineering Services)* and dated June 17, 2014.

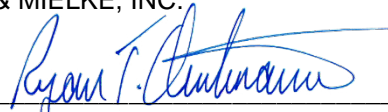
Our GIS related services will be provided to you under our standard terms and conditions titled *Ruekert & Mielke, Inc. Standard Terms and Conditions (GIS Services)* and dated May 19, 2015.

Regulations. R/M agrees to comply with all of the requirements in effect at the time of performance of all federal, state and local laws, as well as codes, specifications or requirements related to the performance of the services under this agreement.

No waiver or modification of this Agreement or for any covenants, condition or limitation herein contained shall be valid unless in writing and duly signed by each party.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

RUEKERT & MIELKE, INC.

Signature:   
Ryan T. Amtmann, P.E.  
Vice President

Signature:   
Stanley R. Sugden, P.E.  
President/CEO

VILLAGE OF MUKWONAGO

Signature: \_\_\_\_\_  
Fred Winchowky  
Village President

ATTEST:

Signature: \_\_\_\_\_  
Diana Dykstra  
Village Clerk/Treasurer

## EXHIBIT "A"

VILLAGE ENGINEER  
DESCRIPTION OF SERVICESScope of Services

The Village Engineer shall perform all engineering and support activities as requested by the Village Board, Plan Commission, Park Board, Village Administrator or Department Heads. The Village Engineer will report directly to the Village Administrator.

R/M and the Village agree that while the scope of this Agreement will include standard engineering consulting services by R/M for the Village, such as those services listed below, the Village reserves the right to contract for ancillary services, such as environmental matters, with other firms. In addition, the Village would also reserve the right to consult with other engineering firms for Village lead projects, partnerships with developers and TIF projects, but only with the approval of the Village Public Works Committee.

- 1) Attend meetings as requested, including but not limited to the following:
  - a) Village Board, 1 per month,
  - c) Public Hearings, as necessary
  - d) Other special meetings, as necessary.
- 2) Planning related work as requested, including but not limited to the following:
  - a) Review and comment on projects submitted by developers,
  - b) Preparation of ordinances and revisions,
  - c) Review and preparation of miscellaneous plans,
  - d) Preparation of long range utility plans, capital project improvement plans,
  - e) Review of floodplain information,
  - f) Coordination with other local, county, state & federal agencies,
  - g) Planning survey work,
  - h) Preliminary cost estimates,
  - i) Preparation of legal descriptions, easements, maps, etc.
- 3) Design engineering as requested including but not limited to the following:
  - a) Preparation of plans, specifications and cost estimates for capital improvement projects,
  - b) Preparation of special assessment reports,
  - c) Design survey work,
  - d) Coordination with various agencies. Construction engineering as requested, including but not limited to the following:
    - e) Construction staking,
    - f) Construction review and testing
    - g) Follow-up design work
    - h) Review of pay requests
    - i) Final project inspections
    - j) Coordination with various agencies
    - k) Preparation of as-built plans
- 4) General activities and responsibilities as necessary to complete the above listed activities:
  - a) All management and supervisory personnel
  - b) Drafting services and supervisory personnel
  - c) Survey services and personnel

**A. Standards of Performance**

The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with any services performed or furnished by Engineer.

**B. Authorized Representative**

With the execution of this Agreement, Engineer and Owner shall designate specific individuals to act as Engineer's and Owner's representatives with respect to the services to be performed or furnished by Engineer and duties and responsibilities of Owner under this Agreement. Such individuals shall have authority to transmit instructions, receive information, and render decisions relative to the Assignment on behalf of the respective party whom the individual represents.

**C. Payments to Engineer**

Invoices will be prepared in accordance with Engineer's standard invoicing practices and will be submitted to Owner by Engineer monthly, unless otherwise agreed. Invoices are due and payable within 30 days of receipt. If Owner fails to make any payment due Engineer for services and expenses within 30 days after receipt of Engineer's invoice therefore, the amounts due Engineer will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day. In addition, Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement until Engineer has been paid in full all amounts due for services, expenses, and other related charges.

**D. Ownership and Reuse of Documents**

All documents prepared or furnished by Engineer pursuant to this Agreement are instruments of service, and Engineer shall retain an ownership and property interest therein (including the copyright and the right of reuse at the discretion of the Engineer) whether or not the Project is completed. Engineer grants Owner a limited license to use the documents on the Project, extensions of the Project, and for related uses of the Owner, subject to receipt by Engineer of full payment due and owing for all services relating to preparation of the documents. Such limited license shall not create any rights in third parties. Reuse of any documents pertaining to this Agreement by Owner shall be at Owner's sole risk; and Owner agrees to indemnify, defend, and hold Engineer harmless from all claims, damages, and expenses including reasonable attorney's fees arising out of such reuse of documents by Owner or by others acting through Owner.

**E. Construction Review**

Engineer will observe the work as agreed to for general compliance with the construction documents. Engineer shall not at any time supervise, direct, control, or have authority over any contractor's work, nor shall Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety at the Project site, nor for any failure of a contractor to comply with Laws and Regulations applicable to that contractor's furnishing and performing of its work. Engineer shall not be responsible for the acts or omissions of any contractor. Engineer has no stop work authority.

**F. Environmental**

Engineer assumes no liability for the detection or removal of any hazardous substances found at or adjacent to the Project site.

**G. Owner Provided Information**

Engineer shall have the right to rely on the accuracy of any information provided by Owner. Engineer will not review this information for accuracy.

**H. Permits and Approvals**

It is the responsibility of the Owner to obtain all necessary permits and approvals for the Project. Engineer will assist the Owner in obtaining permits and approvals as mutually agreed to in writing.

**I. Access**

Owner shall arrange for safe access to and make all provisions for Engineer and Engineer's consultants to enter upon public and private property as required for Engineer to perform services under this Agreement.

**J. Limit of Liability**

To the fullest extent permitted by law, the total liability, in the aggregate, of Engineer and Engineer's officers, directors, partners, employees, agents, and consultants, or any of them to Owner and anyone claiming by, through, or under Owner, for any and all injuries, losses, damages and expenses, whatsoever arising out of, resulting from, or in any way related to this Agreement from any cause or causes including but not limited to the negligence, professional errors or omissions, strict liability or breach of contract or warranty, express or implied, of Engineer or Engineer's officers, directors, partners, employees, agents, and consultants, or any of them, shall not exceed the total amount of \$2,000,000.

**K. Insurance**

Engineer will maintain insurance coverage for Workers' Compensation, General Liability, and Automobile Liability and will provide certificates of insurance to Owner upon request.

**L. Termination of Contract**

Either party may at any time terminate this Agreement with 7 days written notice for cause in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. Owner may terminate this Agreement for convenience with 30 days written notice, or the Project may be suspended by Owner with 30 days written notice. In the event of suspension or cancellation for convenience by Owner, Owner shall pay to Engineer all amounts owing to Engineer under this Agreement, for all work performed up to the effective date of notice.

**M. Indemnification and Allocation of Risk**

1. To the fullest extent permitted by law, Engineer shall indemnify and hold harmless Owner, Owner's officers, directors, partners, and employees from and against costs, losses, and damages (including but not limited to reasonable fees and charges of engineers, architects, attorneys, and other professionals, and reasonable court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of Engineer or Engineer's officers, directors, partners, employees, and consultants in the performance of Engineer's services under this Agreement.

2. To the fullest extent permitted by law, Owner shall indemnify and hold harmless Engineer, Engineer's officers, directors, partners, employees, and consultants from and against costs, losses, and damages (including but not limited to reasonable fees and charges of engineers, architects, attorneys, and other professionals, and reasonable court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of Owner or Owner's officers, directors, partners, employees, and consultants with respect to this Agreement.

3. To the fullest extent permitted by law, Engineer's total liability to Owner and anyone claiming by, through, or under Owner for any injuries, losses, damages and expenses caused in part by the negligence of Engineer and in part by the negligence of Owner or any other negligent entity or individual, shall not exceed the percentage share that Engineer's negligence bears to the total negligence of Owner, Engineer, and all other negligent entities and individuals.

4. The indemnification provision of paragraph M.1. is subject to and limited by the provisions agreed to by Owner and Engineer in paragraph J. "Limit of Liability," of this Agreement.

**N. Independent Contractor**

All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party. Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either Owner or the Engineer. Engineer's services under this Agreement are being performed solely for the Owner's benefit, and no other entity shall have any claim against Engineer because of this Agreement or the performance or nonperformance of services hereunder. Owner agrees to include a provision in all contracts with contractors and other entities involved in this Project to carry out the intent of this paragraph.

**O. Force Majeure**

Engineer shall not be liable for any loss or damage due to failure or delay in rendering any service called for under this Agreement resulting from any cause beyond Engineer's reasonable control.

**P. Severability and Waiver of Provisions**

Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Engineer, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision. Non-enforcement of any provision by either party shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

**Q. Dispute Resolution**

Owner and Engineer agree that they shall first submit any and all unsettled claims, counterclaims, disputes, and other matters in questions between them arising out or relating to this Agreement or the breach thereof ("disputes") to mediation as a condition precedent to litigation.

**R. Public Records**

Engineer agrees to comply with the requirements of Wisconsin Statutes Sections 19.32 to 19.39 and Sections 19.81 to 19.98 – Wisconsin Public Records Law and Open Meetings Law.

**END OF DOCUMENT**



**A. Standards of Performance**

The standard of care for all professional consulting and related services performed or furnished by Consultant under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Consultant makes no warranties, express or implied, under this Agreement or otherwise, in connection with any services performed or furnished by Consultant.

**B. Authorized Representative**

With the execution of this Agreement, Consultant and Owner shall designate specific individuals to act as Consultant's and Owner's representatives with respect to the services to be performed or furnished by Consultant and duties and responsibilities of Owner under this Agreement. Such individuals shall have authority to transmit instructions, receive information, and render decisions relative to the Assignment on behalf of the respective party whom the individual represents.

**C. Payments to Consultant**

Invoices will be prepared in accordance with Consultant's standard invoicing practices and will be submitted to Owner by Consultant monthly, unless otherwise agreed. Invoices are due and payable within 30 days of receipt. If Owner fails to make any payment due Consultant for services and expenses within 30 days after receipt of Consultant's invoice therefor, the amounts due Consultant will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day. In addition, Consultant may, after giving seven days written notice to Owner, suspend services under this Agreement until Consultant has been paid in full all amounts due for services, expenses, and other related charges.

**D. Ownership and Reuse of Documents**

All materials developed, prepared, completed, or acquired by Consultant during the performance of the services specified in this contract, including all finished or unfinished surveys, data, drawings, maps, photographs, and reports, shall become the property of Owner and shall be delivered to Owner during the contract period. Such materials shall not be released by Consultant or used for other purposes at any time without the written approval of Owner.

No drawings, maps, photographs, documents, reports, or other data prepared or completed under this contract agreement shall be copyrighted by Consultant, nor shall any notice of copyright be registered by Consultant in connection with any such material prepared or completed under this contract.

**E. Owner Provided Information**

Consultant shall have the right to rely on the accuracy of any information provided by Owner. Consultant will not review this information for accuracy.

**F. Access**

Owner shall arrange for safe access to and make all provisions for Consultant and Consultant's consultants to enter upon public and private property as required for Consultant to perform services under this Agreement.

**G. Limit of Liability**

To the fullest extent permitted by law, the total liability, in the aggregate, of Consultant and Consultant's officers, directors, partners, employees, agents, and consultants, or any of them to Owner and anyone claiming by, through, or under Owner, for any and all injuries, losses, damages and expenses, whatsoever arising out of, resulting from, or in any way related to this Agreement from any cause or causes including but not limited to the negligence, professional errors or omissions, strict liability or breach of contract or warranty, express or implied, of Consultant or Consultant's officers, directors, partners, employees, agents, and Consultants, or any of them, shall not exceed the total amount of \$2,000,000.00.

**H. Insurance**

Consultant will maintain insurance coverage for Workers' Compensation, General Liability, and Automobile Liability and will provide certificates of insurance to Owner upon request.

**I. Termination of Contract**

Either party may at any time terminate this Agreement with 7 days written notice for cause in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. Owner may terminate this Agreement for convenience with 30 days written notice, or the Project may be suspended by Owner with 30 days written notice. In the event of suspension or cancellation for convenience by Owner, Owner shall pay to Consultant all amounts owing to Consultant under this Agreement, for all work performed up to the effective date of notice.

**J. Indemnification and Allocation of Risk**

1. To the fullest extent permitted by law, Consultant shall indemnify and hold harmless Owner, Owner's officers, directors, partners, and employees from and against costs, losses, and damages (including but not limited to reasonable fees and charges of consultants, architects, attorneys, and other professionals, and reasonable court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of Consultant or Consultant's officers, directors, partners, employees, and consultants in the performance of Consultant's services under this Agreement.

2. To the fullest extent permitted by law, Owner shall indemnify and hold harmless Consultant, Consultant's officers, directors, partners, employees, and consultants from and against costs, losses, and damages (including but not limited to reasonable fees and charges of consultants, architects, attorneys, and other professionals, and reasonable court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of Owner or Owner's officers, directors, partners, employees, and consultants with respect to this Agreement.

3. To the fullest extent permitted by law, Consultant's total liability to Owner and anyone claiming by, through, or under Owner for any injuries, losses, damages and expenses caused in part by the negligence of Consultant and in part by the negligence of Owner or any other negligent entity or individual, shall not exceed the percentage share that Consultant's negligence bears to the total negligence of Owner, Consultant, and all other negligent entities and individuals.

4. The indemnification provision of paragraph J.1. is subject to and limited by the provisions agreed to by Owner and Consultant in paragraph G. "Limit of Liability," of this Agreement.

**K. Independent Contractor**

All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Consultant and not for the benefit of any other party. Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either Owner or the Consultant. Consultant's services under this Agreement are being performed solely for the Owner's benefit, and no other entity shall have any claim against Consultant because of this Agreement or the performance or nonperformance of services hereunder. Owner agrees to include a provision in all contracts with Contractors and other entities involved in this project to carry out the intent of this paragraph.

**L. Force Majeure**

Consultant shall not be liable for any loss or damage due to failure or delay in rendering any service called for under this Agreement resulting from any cause beyond Consultant's reasonable control.

**M. Severability and Waiver of Provisions**

Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Consultant, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision. Non-enforcement of any provision by either party shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

**N. Dispute Resolution**

Owner and Consultant agree that they shall first submit any and all unsettled claims, counterclaims, disputes, and other matters in questions between them arising out of or relating to this Agreement or the breach thereof ("disputes") to mediation as a condition precedent to litigation. This Agreement shall be interpreted according to and governed by the laws of the State of Wisconsin.

**O. Public Records**

Consultant agrees to comply with the requirements of Wisconsin Statutes Sections 19.32 to 19.39 and Sections 19.81 to 19.98 – Wisconsin Public Records Law and Open Meetings Law.

**END OF DOCUMENT**

**EXHIBIT B  
VILLAGE OF MUKWONAGO RATES FOR 2023  
RUEKERT & MIELKE, INC.**

<u>ENGINEERING SERVICES</u>	<u>2023 Rate</u>
Engineer Technician 1	114.00
Engineer 1	122.00
Engineer Technician 2	126.00
Engineer Technician 3	140.00
Engineer 2	139.00
Engineer 3	149.00
Senior Engineer Technician	167.00
Engineer 4 (Proj Engineer)	175.00
Engineer 5 (PM)	185.00
Engineer 6 (Senior PM)	195.00
Engineer 7 (Team Leader)	215.00
Engineer 8 (President/VP's)	228.00
 <u>CONSULTING SERVICES</u>	
Economic Consultant 2	159.00
Economic Consultant 3	169.00
Senior SCADA Analyst	206.00
 <u>IT/GIS TECHNICIAN SERVICES</u>	
IT/GIS Technician 1	113.00
IT/GIS Technician 2	125.00
IT/GIS Analyst 1	140.00
IT/GIS Analyst 2	159.00
IT/GIS Analyst 4	193.00
 <u>SURVEYING SERVICES</u>	
Surveying Technician	106.00
Crew Chief / Surveyor	145.00
Professional Land Surveyor	160.00
 <u>CONSTRUCTION REVIEW SERVICES</u>	
Construction Review Technician 1	89.00
Construction Review Technician 2	106.00
Senior Construction Review Technician	123.00
Construction Review Manager	154.00
 <u>ADMINISTRATIVE SERVICES</u>	
Project Assistant	90.00
Administrative Assistant	90.00

Note: Overtime rates will be 120% of standard rate for construction review services

## MISCELLANEOUS

## 2023 RATE

Mileage	
For Engineers and Technicians	.625/mile**
For Construction Review Technicians	.665/mile**
For Survey Crews	.835/mile**
Print reproductions	.50/sq. foot
Color copies	.40/page
B&W copies	.15/page
Color plots	2.50/sq. foot
Scanning	.50/scan
Flow Probe	125.00/day
GPS equipment	132.00/day
ATV fee	125.00/day
Robotics equipment	132.00/day
Road Tube Traffic Counter – day	50.00/day
Road Tube Traffic Counter – week	150.00/week
Turning Movement Traffic Counter	10.00/day

\*\* Anticipated rates. Actual rates to be indexed to Federal mileage rate table.