



Village of Whitefish Bay Public Works Department

155 W. Fairmount Ave • Whitefish Bay, Wisconsin 53217 • (414) 962-6690 • Fax (414) 967-1391

Mathew Collins, Director of Public Works

May 19, 2025

Memo to: President Kevin Buckley and the Village Board of Trustees

From: Matthew Collins, Director of Public Works

Re: Intergovernmental Cooperation Agreement (ICA) with the Village of Shorewood to facilitate water distribution improvements

The Village of Shorewood is planning a watermain replacement project on Oakland Avenue in 2026. During the course of project engineering review, staff identified an opportunity to improve distribution operations in both the Shorewood and Whitefish Bay water systems through modification near the intersection of Oakland and Glendale. Currently seven Whitefish Bay properties on the east side of N. Oakland Avenue are provided water through a Shorewood-owned main that extends approximately 150 feet north of the intersection where it currently dead-ends at a previous connection point within the Whitefish Bay water system. This unmetered connection is one of two that remain from a time when Whitefish Bay was a customer of Milwaukee Water Works and water was delivered through Shorewood's system. It is not active and its current configuration allows water to enter the Shorewood system from Whitefish Bay/North Shore Water but does not allow water from Shorewood's system to enter Whitefish Bay.

The elimination of this connection through a small reconfiguration of the watermain in the area would achieve a looped system for both communities and allow Whitefish Bay to provide water service to four properties currently served by Shorewood Water Utility infrastructure. In addition to the transfer of the four properties to the Whitefish Bay Water Utility, approximately 137 feet of existing watermain will be transferred to the Village of Whitefish Bay. The proposed modifications are identified in the attached illustration (please note it is not to scale and locations are approximate).

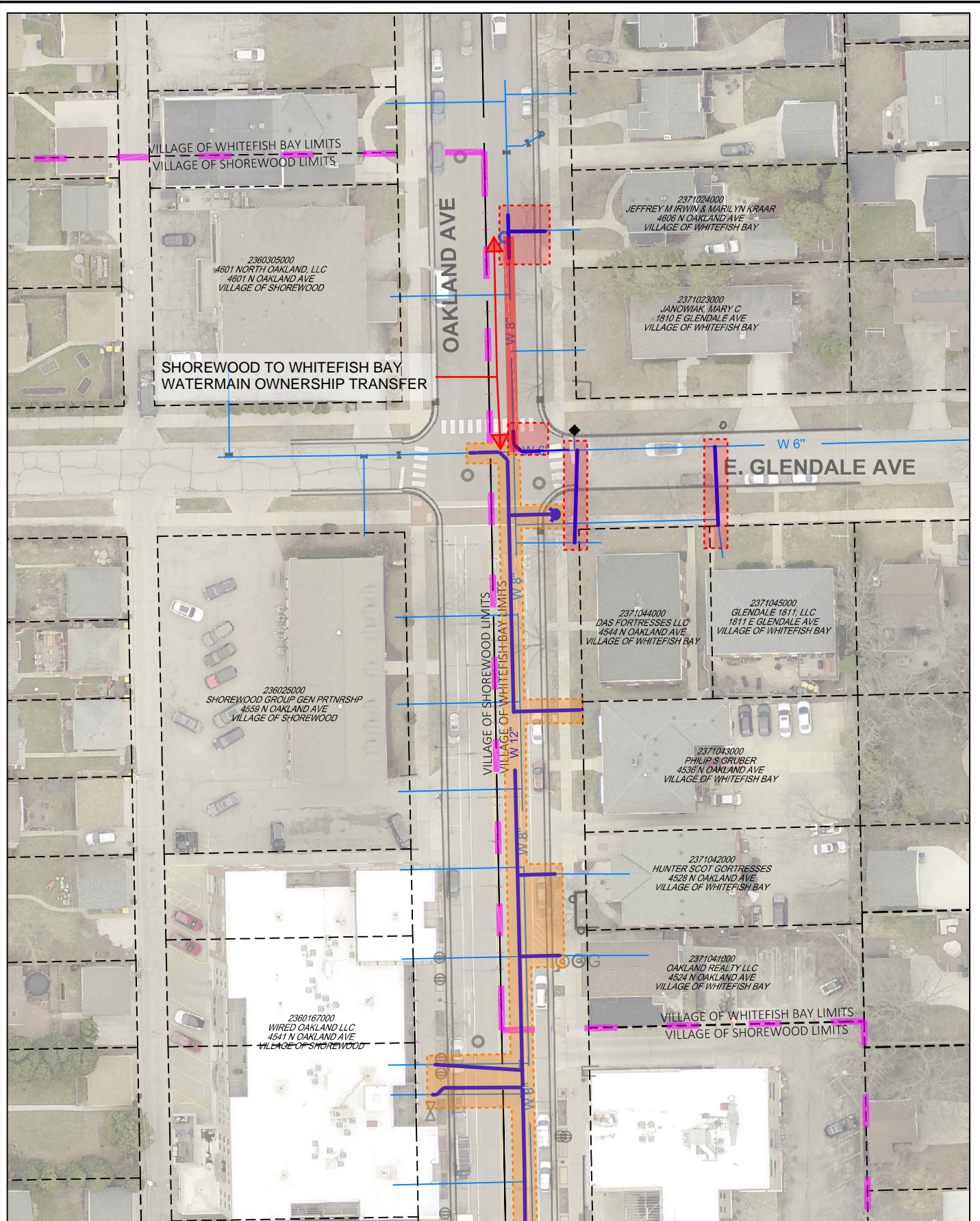
Village staff from both communities propose that these improvements to be added to the 2026 Oakland reconstruction project. The attached MOU, exhibit, and design contract amendment identifies the scope and cost of the engineering effort.








The construction costs to the Village's water utility is estimated to cost \$46,000 with design service costs of \$6,650 with a total anticipated project cost of \$52,650. With the approval of the MOU, the project will be included within the Village of Whitefish Bay's proposed 2026 - 2027 borrow.

On 5/12/25, the Public Works Committee voted to recommend the ICA to the Village Board.

Public Works Committee recommends to the Village Board:

To approve the Intergovernmental Cooperation Agreement (ICA) for water utility improvements in the amount of \$52,650 as shown on the attached exhibits.



- | | | | |
|---|---------------------------------|---|---------------|
|  | MUNICIPAL BOUNDARY |  | COST SHARE |
|  | PROPOSED WATERMAIN |  | WHITEFISH BAY |
|  | EXISTING WATERMAIN |  | SHOREWOOD |
|  | SHOREWOOD TO WFB WATER TRANSFER | | |



**OAKLAND AVE WATERMAIN EXHIBIT
(SHOREWOOD - WHITEFISH BAY)**

04-18-2025



AGREEMENT

INTERGOVERNMENTAL COOPERATION AGREEMENT BETWEEN THE VILLAGE OF SHOREWOOD AND THE VILLAGE OF WHITEFISH BAY TO FACILITATE IMPROVEMENTS TO THE OAKLAND AVENUE WATER DISTRIBUTION SYSTEM

This Agreement is entered into by the Village of Shorewood and the Village of Whitefish Bay on May_____, 2025.

WHEREAS, the Village of Shorewood currently owns, operates and maintains a watermain segment that extends into the 4600 block of N. Oakland Avenue within the Village of Whitefish Bay continuing to an inactive previously metered sub-grade connection point; and

WHEREAS, this Shorewood-owned watermain segment directly supplies water to Whitefish Bay residences at 4524 N. Oakland, 4528 N. Oakland, 4536 N. Oakland, 4544 N. Oakland, 4606 N. Oakland, 1810 E. Glendale and 1811 E. Glendale; and

WHEREAS, the Village of Shorewood is scheduled to reconstruct North Oakland Avenue within its Village limits in 2026, including replacement of the municipal watermain throughout the project limits; and

WHEREAS, the Villages of Shorewood and Whitefish Bay have agreed that there are operational and water quality benefits to both communities to separate the water systems at this location; and

WHEREAS, the Village of Shorewood and the Village of Whitefish Bay desire to enter into an Intergovernmental Cooperation Agreement pursuant to Wis. Stat. Sec. 66.0301, and the purpose and intent of this agreement fits the parameters of the statute;

NOW, THEREFORE, BE IT RESOLVED that for good and valuable consideration, the Village of Shorewood and the Village of Whitefish Bay hereby enter into an agreement that will reflect benefits to both parties for improvement and modernization of the water distribution systems and agree to the following:

1. The Village of Shorewood shall design, prepare all construction documents, obtain all required permits and construct the watermain improvements as identified in Exhibit 1 of this agreement.
2. The Village of Whitefish Bay agrees to assume responsibility for one half the cost of the Clark Dietz Design Amendment 3 under which the water system improvements were designed, at a cost share of, not to exceed, \$6,650.00 (total design cost of \$13,300).
3. The improvements depicted in Exhibit 1 will be constructed in conjunction with the Village of Shorewood's 2026 N. Oakland Avenue Reconstruction Project.
4. The Village of Whitefish Bay's share of the project shall include those constructed improvements that benefit the Whitefish Bay system. The actual cost will be calculated based upon bid unit prices and quantity of material installed and billed upon completion of the project. The improvements and actual quantities are estimated in the Engineer's Opinion of Probable Cost dated April 18, 2025 (Exhibit 2) and total \$46,000.
5. Upon completion of construction, ownership of the existing watermain from the north side of the Glendale intersection to the existing interconnect as illustrated in Exhibit 1 will transfer to the Village of Whitefish Bay.
6. Public and private lead service line installation and replacement costs will be the responsibility of the Village of Whitefish Bay for the properties at 4544 N. Oakland, 4606 N. Oakland, and 1811 E.

Glendale. Whitefish Bay may utilize special assessments to collect necessary reimbursements for design, construction, and administrative costs accrued for the replacement of the private lead service line. Upon completion of the service line replacement, the Village of Shorewood will remove its water meters, and the Village of Whitefish Bay will install its water meters. Shorewood will also remove its water meters from 1810 Glendale at this time and Whitefish Bay shall install its water meters at these locations.

7. Public and private lead service line replacement costs will be the responsibility of the Village of Shorewood for the properties at 4524 N. Oakland, 4528 N. Oakland and 4536 N. Oakland. These properties will remain part of the Shorewood water distribution system (Shorewood Water Works customers) upon completion of the project and will be eligible for the Shorewood Lead Service Line Replacement Program financial assistance.
8. Both Villages will cooperatively keep residents informed to the progress of the project.
9. This agreement shall be binding upon the Villages of Shorewood and Whitefish Bay, their agents, employees, representatives, successors and assigns.
10. The Villages of Shorewood and Whitefish Bay agree to cooperate in good faith and assist each other with regard to obtaining third-party funding and approvals necessary to carryout this Agreement.
11. Without waiving any statutory or common law immunities or limitations on liability, the Villages of Shorewood and Whitefish Bay agree to indemnify and hold one another harmless with regard to their respective action or inactions taken to and within the scope of this agreement.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed by their respective officers, duly authorized to do so as of this _____ day of May, 2025.

Village of Shorewood

Ann McKaig, Village President

Toya Harrell, Village Clerk

Village of Whitefish Bay

Kevin Buckley, Village President

Jamie Krueger, Village Clerk

**ENGINEER'S ESTIMATE
PROJECT S1040180 OAKLAND AVENUE IMPROVEMENTS**

DATE: 4/18/2025

Item Number	Description	Quantity	Unit	Unit Price	Total Price	Shorewood Quantity	Shorewood Total Price	Whitefish Bay Quantity	Whitefish Bay Total Price
ROADWAY ITEMS									
201.0120	Clearing	390	ID	\$ 45.00	\$ 17,550.00	390	\$ 17,550.00		
201.0220	Grubbing	390	ID	\$ 45.00	\$ 17,550.00	390	\$ 17,550.00		
204.0100	Removing Pavement (Includes Saw Cutting)	20650	SY	\$ 12.00	\$ 247,800.00	20610	\$ 247,320.00	40	\$ 480.00
204.0115	Removing Asphaltic Surface Butt Joints	810	SY	\$ 30.00	\$ 24,300.00	810	\$ 24,300.00		
204.0150	Removing Curb & Gutter	3390	LF	\$ 15.00	\$ 50,850.00	3365	\$ 50,475.00	25	\$ 375.00
204.0155	Removing Concrete Sidewalk	1100	SY	\$ 10.00	\$ 11,000.00	1080	\$ 10,800.00	20	\$ 200.00
305.0120	Base Aggregate Dense 1 1/4-Inch (Undistributed)	2390	TON	\$ 22.00	\$ 52,580.00	2380	\$ 52,360.00	10	\$ 220.00
415.0080	Concrete Pavement 8-Inch	20280	SY	\$ 65.00	\$ 1,318,200.00	20280	\$ 1,318,200.00		
415.0210	Concrete Pavement Gaps (Undistributed)	10	EA	\$ 1,000.00	\$ 10,000.00	10	\$ 10,000.00		
415.1080	Concrete Pavement HES 8-Inch (Undistributed)	200	SY	\$ 75.00	\$ 15,000.00	200	\$ 15,000.00		
415.4100	Concrete Pavement Joint Filling	20280	SY	\$ 2.00	\$ 40,560.00	20280	\$ 40,560.00		
416.0180	Concrete Driveway 8-Inch	100	SY	\$ 60.00	\$ 6,000.00	100	\$ 6,000.00		
460.5225	HMA Pavement 5 LT 58-28 S	210	TON	\$ 300.00	\$ 63,000.00	200	\$ 60,000.00	10	\$ 3,000.00
465.0125	Asphaltic Surface Temporary (3-Inch)	300	TON	\$ 300.00	\$ 90,000.00	300	\$ 90,000.00		
601.0409	Concrete Curb and Gutter (Match Existing)	3630	LF	\$ 25.00	\$ 90,750.00	3605	\$ 90,125.00	25	\$ 625.00
601.0600	Concrete Curb Pedestrian	80	LF	\$ 35.00	\$ 2,800.00	80	\$ 2,800.00		
602.0415	Concrete Sidewalk 6-Inch	19000	SF	\$ 7.50	\$ 142,500.00	18850	\$ 141,375.00	150	\$ 1,125.00
602.0425	Concrete Sidewalk 8-Inch	500	SF	\$ 9.00	\$ 4,500.00	500	\$ 4,500.00		
602.0515	Curb Ramp Detectable Warning Field Natural Patina	620	SF	\$ 50.00	\$ 31,000.00	620	\$ 31,000.00		
625.0100	Topsoil (4-Inches)	270	SY	\$ 6.00	\$ 1,620.00	245	\$ 1,470.00	25	\$ 150.00
628.7000	Inlet Protection	110	EA	\$ 100.00	\$ 11,000.00	110	\$ 11,000.00		
631.1000	Sod Lawn	270	SY	\$ 10.00	\$ 2,700.00	245	\$ 2,450.00	25	\$ 250.00
643.3105	Temporary Marking Line Paint 4-Inch	11450	LF	\$ 2.00	\$ 22,900.00	11450	\$ 22,900.00		
643.3150	Temporary Marking Line Removable Tape 4-Inch	8700	LF	\$ 2.50	\$ 21,750.00	8700	\$ 21,750.00		
643.5000	Traffic Control	1	EA	\$ 250,000.00	\$ 250,000.00	1	\$ 250,000.00		
645.0220	Geogrid Type SR	20280	SY	\$ 3.25	\$ 65,910.00	20280	\$ 65,910.00		
646.1020	Marking Line Epoxy 4-Inch	13750	LF	\$ 3.00	\$ 41,250.00	13750	\$ 41,250.00		
647.2020	Marking Line Epoxy 6-Inch	8200	LF	\$ 4.50	\$ 36,900.00	8200	\$ 36,900.00		
646.6120	Marking Stop Line Epoxy 18-Inch	400	LF	\$ 15.00	\$ 6,000.00	400	\$ 6,000.00		
646.5020	Marking Arrow Epoxy	6	EA	\$ 200.00	\$ 1,200.00	6	\$ 1,200.00		
646.5120	Marking Word Epoxy	3	EA	\$ 200.00	\$ 600.00	3	\$ 600.00		
646.5220	Marking Symbol Epoxy (Bike & Arrow Symbol or Sharrow Symbol)	30	EA	\$ 200.00	\$ 6,000.00	30	\$ 6,000.00		
652.0800	Conduit Loop Detector (Undistributed)	250	LF	\$ 20.00	\$ 5,000.00	250	\$ 5,000.00		
652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch (Includes Wiring)	250	LF	\$ 50.00	\$ 12,500.00	250	\$ 12,500.00		
654.0105	Concrete Base Type 5 (Street Lights & RRFB)	4	EA	\$ 2,500.00	\$ 10,000.00	4	\$ 10,000.00		
SPV.0035.01	Unclassified Excavation	850	CY	\$ 75.00	\$ 63,750.00	850	\$ 63,750.00		
SPV.0060.01	Tree Planting	30	EA	\$ 750.00	\$ 22,500.00	30	\$ 22,500.00		
SPV.0060.02	Traffic Signal Cabinet & Improvement, Kenmore	1	EA	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00		
SPV.0060.03	Traffic Signal Cabinet & Improvement, Lake Bluff	1	EA	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00		
SPV.0060.04	New RRFB Assembly and Install on Existing Pole	3	EA	\$ 5,000.00	\$ 15,000.00	3	\$ 15,000.00		
SPV.0060.05	New RRFB Assembly and Install on New Pole (Includes Pole)	2	EA	\$ 7,500.00	\$ 15,000.00	2	\$ 15,000.00		
SPV.0060.06	Re-install Street Light	2	EA	\$ 7,500.00	\$ 15,000.00	2	\$ 15,000.00		
SPV.0060.07	Signs (Includes New Posts or Hardware for Existing Posts)	39	EA	\$ 350.00	\$ 13,650.00	39	\$ 13,650.00		
SPV.0060.08	Tree Wells	6	EA	\$ 10,000.00	\$ 60,000.00	6	\$ 60,000.00		
SPV.0180.01	Remove Bricks	600	SY	\$ 15.00	\$ 9,000.00	600	\$ 9,000.00		
SPV.0180.02	Remove and Relay Bricks	270	SY	\$ 50.00	\$ 13,500.00	270	\$ 13,500.00		
Roadway Subtotal					\$ 3,008,670.00	\$ 3,002,245.00	\$ 6,425.00		
Road Subtotal (+5% Contingency)					\$ 3,159,000.00	\$ 3,152,000.00	\$ 7,000.00		

Item Number	Description	Quantity	Unit	Unit Price	Total Price	Shorewood Quantity	Shorewood Total Price	Whitefish Bay Quantity	Whitefish Bay Total Price
STORMWATER AND UTILITY ITEMS									
204.0210	Removing Manholes (Undistributed)	1	EA	\$ 1,500.00	\$ 1,500.00	1	\$ 1,500.00		
204.0220	Removing Inlets	12	EA	\$ 500.00	\$ 6,000.00	12	\$ 6,000.00		
204.0245	Removing Storm Sewer (Less Than 12-Inch)	150	LF	\$ 30.00	\$ 4,500.00	150	\$ 4,500.00		
608.0512	Storm Sewer Pipe Reinforced Concrete Class V 12-Inch	450	LF	\$ 90.00	\$ 40,500.00	450	\$ 40,500.00		
611.2004	Manholes 4-FT Diameter (Undistributed)	1	EA	\$ 5,000.00	\$ 5,000.00	1	\$ 5,000.00		
611.3230	Inlets 2x3-FT	20	EA	\$ 2,500.00	\$ 50,000.00	20	\$ 50,000.00		
611.8110.01	Adjusting Manhole Covers (Storm)	50	EA	\$ 1,500.00	\$ 75,000.00	50	\$ 75,000.00		
611.8110.02	Adjusting Manhole Covers (Sanitary/Combined Sewer) (Includes Seal)	38	EA	\$ 2,500.00	\$ 95,000.00	38	\$ 95,000.00		
Storm Subtotal					\$ 277,500.00	\$ 277,500.00	\$ -		
Storm Subtotal (+5% Contingency)					\$ 291,000.00	\$ 291,000.00	\$ -		

Item Number	Description	Quantity	Unit	Unit Price	Total Price	Shorewood Quantity	Shorewood Total Price	Whitefish Bay Quantity	Whitefish Bay Total Price
WATER MAIN ITEMS									
SPV.0060.09	Fire Hydrant Assembly (Includes 6" Valve and Lead)	10	EA	\$ 9,500.00	\$ 95,000.00	10	\$ 95,000.00		
SPV.0060.10	Fire Hydrant Removal (Includes Removing Valves)	9	EA	\$ 500.00	\$ 4,500.00	9	\$ 4,500.00		
SPV.0060.11	Non-Pressure Connection	26	EA	\$ 2,500.00	\$ 65,000.00	24	\$ 60,000.00	2	\$ 5,000.00
SPV.0060.12	Gate Valve, 6 in.	5	EA	\$ 3,000.00	\$ 15,000.00	5	\$ 15,000.00		
SPV.0060.13	Gate Valve, 8 in.	16	EA	\$ 4,000.00	\$ 64,000.00	16	\$ 64,000.00		
SPV.0060.14	Gate Valve, 12 in.	13	EA	\$ 5,000.00	\$ 65,000.00	13	\$ 65,000.00		
SPV.0060.15	Abandon or Remove Existing Valve	40	EA	\$ 500.00	\$ 20,000.00	40	\$ 20,000.00		
SPV.0060.16	Cut and Cap Existing Watermain	24	EA	\$ 1,000.00	\$ 24,000.00	24	\$ 24,000.00		
SPV.0060.17	Water Service Connection, Long	19	EA	\$ 5,000.00	\$ 95,000.00	17	\$ 85,000.00	2	\$ 10,000.00
SPV.0060.18	Water Service Connection, Short	26	EA	\$ 4,000.00	\$ 104,000.00	25	\$ 100,000.00	1	\$ 4,000.00
SPV.0060.19	Private Water Service Connection	21	EA	\$ 8,000.00	\$ 168,000.00	20	\$ 160,000.00	1	\$ 8,000.00
SPV.0090.01	PVC C900 Watermain, 6 in.	250	LF	\$ 180.00	\$ 45,000.00	250	\$ 45,000.00		
SPV.0090.02	PVC C900 Watermain, 8 in.	925	LF	\$ 180.00	\$ 166,500.00	885	\$ 159,300.00	40	\$ 7,200.00
SPV.0090.03	PVC C900 Watermain, 12 in.	3900	LF	\$ 190.00	\$ 741,000.00	3900	\$ 741,000.00		
SPV.0035.02	Non-Special Waste	500	CY	\$ 85.00	\$ 42,500.00	500	\$ 42,500.00		
SPV.0060.20	Remove Meter Pit	1	EA	\$ 6,500.00	\$ 6,500.00	0.5	\$ 3,250.00	0.5	\$ 3,250.00
Water Main Subtotal					\$ 1,721,000.00	\$ 1,683,550.00	\$ 37,450.00		
Water Subtotal (+5% Contingency)					\$ 1,807,000.00	\$ 1,768,000.00	\$ 39,000.00		
Oakland - Total					\$ 5,257,000.00	\$ 5,211,000.00	\$ 46,000.00		



November 15, 2024

Ms. Leeann Butschlick
Director of Public Works
Village of Shorewood
3930 N Murray Ave.
Shorewood WI 53211

Re: N Oakland Ave. Design Project
Design Contract Amendment 3

Dear Leeann,

This amendment is to revise the current design and drawings to disconnect Shorewood and Whitefish Bay water at the Intersection of Glendale Ave and Oakland Ave.

Scope of Work

Design 250lf of additional watermain for Whitefish Bay which includes additional survey, verifying Whitefish Bay lead lateral list, update quantities, and separate quantities between Whitefish Bay and Shorewood responsibility. This will also include updating the already designed watermain configuration for Shorewood watermain at that intersection.

- Survey and Base Drawing Update: \$3,850 (including expenses)
- Design and Specifications: \$5,850
- Qty Update: \$1,800
- Coordination: \$1,800

Proposed Fee

The proposed professional services fee for the work described herein will be billed on an hourly basis and will not exceed \$13,300.

Please signify your acceptance of this amendment by signing below.

Sincerely,

Clark Dietz, Inc.

Mustafa Emir, PhD, PE
Executive Vice President

By: _____

Name: Ann McCullough McKaig

Title: Village President

Date: _____