



Board of Public Works

335 South Broadway

De Pere, WI 54115

<http://www.de-pere.org>

Regular Meeting

Agenda

Monday, March 9, 2015

7:30 PM

De Pere City Hall Council Chambers

Pursuant to Wisconsin Statutes 19.84, Notice is hereby given to the public that a meeting of the **Board of Public Works** of the City of De Pere will be held on **March 9, 2015 at 7:30 PM** in the **De Pere City Hall Council Chambers, 335 S. Broadway Street, De Pere, WI 54115.**

This meeting can be viewed LIVE at www.depere.tv. This meeting is also rebroadcast on TW Cable Channel 4 and AT&T U-verse Channel 99 throughout the week and available on demand at www.depere.tv.

I. Call to Order

1. Roll Call

II. Public Comment

III. Items

1. Approval of the Board of Public Works February 9, 2015 Meeting Minutes
2. Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*
3. Consider Award of Contract 15-03 Sewer Lining-CIPP*
4. Consider Award for Project 15-13 Crackfilling*
5. Consider Award of Contract 15-15 Televising*
6. Consider Quotes for Storm Water Management*
7. Consider 2014 Annual Report for the Wisconsin Department of Natural Resources MS4 General Permit*
8. Discussion of Prohibiting Salvaging Materials Dropped Off At Municipal Service Center*
9. Utility Conveyance of Rights to the Wisconsin Department of Transportation - STH 32/57 & CTH X*
10. Consider Civic Group Plaque Policy for City Welcome Signs
11. Consider Sidewalk Width Policy

IV. Future Agenda Items

V. Adjournment

***Items with an asterisk require City Council approval.**

Any person wishing to attend this meeting who, because of disability, requires special accommodations should contact the Clerk-Treasurer's office at 339-4050 by Noon, Monday, March 9, 2014 so that arrangements can be made.

Agenda Sent To:

Mayor
Alderspersons
Department Heads
TV, Newspapers & Radio Stations
Kress Family Library

De Pere Chamber of Commerce
Jeff M. Mazanec, R.A. Smith National
Konrad Jossart, Jossart Brothers
Jana Lause, Insituform Technologies USA, LLC
Jim Stepaniak, Asphalt Seal and Repair, Inc.
Stephanie DeKeyser, Green Bay Pipe & TV, LLC

Notice is hereby given that a majority of the members of the Common Council of the City of De Pere may attend this meeting to gather information about a subject (s) over which they have decision-making responsibility.

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Pam Denis

SUBJECT: Approval of the Board of Public Works February 9, 2015 Meeting Minutes

ATTACHMENTS:

- CL_BOPW February 9, 2015 Draft Meeting Minutes (PDF)



Board of Public Works

335 South Broadway

De Pere, WI 54115

<http://www.de-pere.org>

Regular Meeting

Draft Minutes

Monday, February 9, 2015

7:30 PM

De Pere City Hall Council Chambers

I. Call to Order

The meeting was called to order at 7:30 PM by Mayor Michael J. Walsh

Attendee Name	Title	Status	Arrived
Dean Raasch	Aldersperson	Present	
Kevin Bauer	Aldersperson	Present	
James Boyd	Aldersperson	Present	
Jim Kneiszel	Aldersperson	Present	
Michael J. Walsh	Mayor	Present	

Others present were Scott Thoresen, Director of Public Works, Eric Rakers, City Engineer, and Pam Denis, Recording Secretary.

II. Public Comment

None

III. Items

1. Approval of Board of Public Works January 12, 2015 Meeting Minutes

Aldersperson Bauer moved to approve the Board of Public Works January 12, 2015 Meeting Minutes, Aldersperson Raasch seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Kevin Bauer, Aldersperson
SECONDER:	Dean Raasch, Aldersperson
AYES:	Raasch, Bauer, Boyd, Kneiszel, Walsh

2. Consider Quotes for 2015 Materials Testing and Soil Borings*

Eric Rakers, City Engineer, presented the three proposals received for material testing that will be completed in conjunction with the City's 2015 construction projects. The total cost of the work was estimated using 2014 final quantities. He stated that funds for this work are budgeted in the various capital projects accounts.

Mayor Walsh moved to approve the staff recommendation to accept the quote from PSI for the Material Testing estimated at \$43,882.90 and for the Soil Boring estimated at \$1,575.00, Aldersperson Kneiszel seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Michael J. Walsh, Mayor
SECONDER:	Jim Kneiszel, Aldersperson
AYES:	Raasch, Bauer, Boyd, Kneiszel, Walsh

3. Consider Quotes for West Business Park Swale*

Eric Rakers, City Engineer, presented seven quotes the City received to construct a swale in the West Business Park. The work includes constructing a ditch to improve drainage south of Biotech Way and east of the spur line. City Engineer Rakers explained that the funds for the work will come from TID 6. Aldersperson Bauer moved to approve the staff

Attachment: CI_BOPW February 9, 2015 Draft Meeting Minutes (3189 : Approval of BOPW February 9, 2015 Meeting Minutes)

recommendation to accept the quote from Feaker & Sons for \$5,080.00, Alderperson Boyd seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Kevin Bauer, Alderperson
SECONDER:	James Boyd, Alderperson
AYES:	Raasch, Bauer, Boyd, Kneiszel, Walsh

4. Consider Applying for a Wisconsin Department of Natural Resources Urban Nonpoint Source and Storm Water Management Grant Program*

City Engineer Rakers presented a request to apply for a Wisconsin Department of Natural Resources (WDNR) Urban Nonpoint Source and Storm Water Management Grant. He explained that the WDNR grants are on a 2-year cycle and are due April 15, 2015. Grant funding may be up to \$150,000 for construction projects. Engineer Rakers stated that staff proposed to submit a grant application for the construction of a storm water detention pond in Optimist Park to treat storm water from developed areas within the upper Cook street drainage basin. Discussion followed. Alderperson Bauer moved to approve the preparation and submittal of an application for the Urban Nonpoint Source and Storm Water Management Grant Program, Alderperson Raasch seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Kevin Bauer, Alderperson
SECONDER:	Dean Raasch, Alderperson
AYES:	Raasch, Bauer, Boyd, Kneiszel, Walsh

5. Consider Recommendations From City Engineer for Parking and Traffic Action Items*

City Engineer Rakers presented three recommendations for parking and traffic that required action. Item 1 was to update the city ordinance to reflect the currently posted speed limits on the streets listed in the agenda packet. The recommendation was to forward the code changes to the Common Council. Item 2 was to have signage for parking updated since the International School is no longer at 405 Grant Street. The recommendation was to forward the code changes to the Common Council as requested. Item 3 was a recommendation to re-stripe the road in front of the northerly Menard's Entrance. Staff had received multiple complaints on how the north bound Lawrence Drive is striped at this location. City Engineer Rakers stated that after staff's analysis the recommendation is to re-stripe the area to make it safer for vehicle movements. He recommended approval by the Board of Public Works. Mayor Walsh moved to approve all three recommendations, Alderperson Kneiszel seconded the motion. Upon vote the motion passed.

Eric Rakers, City Engineer, reviewed questions on the remaining items for parking and traffic that did not need action from the Board or Common Council. Discussion followed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Michael J. Walsh, Mayor
SECONDER:	Jim Kneiszel, Alderperson
AYES:	Raasch, Bauer, Boyd, Kneiszel, Walsh

IV. Future Agenda Items

None.

V. Adjournment

Mayor Walsh moved to adjourn the Board of Public Works meeting, Alderperson Raasch seconded the motion. Upon vote, the motion passed and the meeting was adjourned at 7:46pm.

Respectfully submitted,
Pam Denis

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*

The Engineering Department received bids on Project 15-01 Sewer and Water Relay and Street Resurfacing on February 26th. This project involves relaying sanitary sewer and water main at various locations around the City due to the deteriorated condition of the utility. Additionally, the street will be milled and resurfaced. The bids received were as follows:

Bidder	Amount
Jossart Brothers, Inc.	\$1,618,931.35
Kruczek Construction, Inc.	\$1,687,687.87
Dorner Inc.	\$1,715,346.25
Peters Concrete Company	\$1,735,669.00
David Tenor Corporation	\$1,749,419.35
PTS Contractors, Inc.	\$1,902,826.50
DeGroot, Inc.	\$1,923,941.33
Advance Construction	\$2,039,267.40

The budgeted amount from the capital improvement budget is \$1,660,000. Funding will be \$525,000 from general obligation debt, \$180,000 from the sewage revenue fund, \$825,000 from the water utility fund, and \$130,000 from the storm water utility fund. The staff recommendation is to award the bid to Jossart Brothers, Inc. in the amount of \$1,618,931.35.

ATTACHMENTS:

- 15-01 BID TAB (PDF)

PROJECT 15-01 SEWER & WATER RELAY & STREET RESURFACING
BID TAB



				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				Jossart Brothers, Inc.		Kruczek Construction Inc.		Dorner Inc.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SANITARY SEWER									
SS-01	Remove and Relay 10" PVC Sanitary Sewer	LF	190	\$92.00	\$17,480.00	\$72.00	\$13,680.00	\$75.00	\$14,250.00
SS-02	Remove and Relay 4" or 6" PVC Sanitary Lateral	LF	2,000	\$49.00	\$98,000.00	\$64.00	\$128,000.00	\$60.00	\$120,000.00
SS-03	Provide 10"x6" Wye or 10"x4" Wye (North Michigan St)	EA	1	\$150.00	\$150.00	\$145.00	\$145.00	\$185.00	\$185.00
SS-04	Provide 6" or 4" Saddle on Existing Sanitary Sewer Pipe	EA	54	\$125.00	\$6,750.00	\$350.00	\$18,900.00	\$1,000.00	\$54,000.00
SS-05	Provide 4' Diameter Sanitary Manhole (North Michigan St)	VF	18	\$350.00	\$6,300.00	\$388.00	\$6,984.00	\$310.00	\$5,580.00
SS-06	Remove and Replace 4' Diameter Sanitary Manhole	VF	46	\$250.00	\$11,500.00	\$400.00	\$18,400.00	\$425.00	\$19,550.00
SS-07	Abandon Existing Sanitary Manhole, Sewer and Appurtenances on N. Michigan St and Pine St.	LS	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00
SS-08	Abandon Existing Sanitary Manhole on STH 32/57	LS	1	\$9,000.00	\$9,000.00	\$1,500.00	\$1,500.00	\$10,000.00	\$10,000.00
SS-09	Dig Down to Sanitary Sewer on Fourth St and College Ave	EA	2	\$800.00	\$1,600.00	\$800.00	\$1,600.00	\$2,600.00	\$5,200.00
SS-10	Clean and Televis 36" Sanitary Sewer	LF	120	\$14.00	\$1,680.00	\$17.00	\$2,040.00	\$13.50	\$1,620.00
SS-11	Abandon Existing 36" Sanitary Sewer	LS	1	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00
SS-12	Expose and Verify Condition of Sanitary Manhole on N. Wisconsin	LS	1	\$400.00	\$400.00	\$600.00	\$600.00	\$1,500.00	\$1,500.00
STORM SEWER									
ST-01	Remove and Replace 21" PVC or RCP Storm Sewer	LF	25	\$75.00	\$1,875.00	\$198.00	\$4,950.00	\$109.00	\$2,725.00
ST-02	Remove and Replace 18" PVC or RCP Storm Sewer	LF	65	\$65.00	\$4,225.00	\$105.00	\$6,825.00	\$63.00	\$4,095.00
ST-03	Remove and Replace 15" PVC or RCP Storm Sewer	LF	65	\$55.00	\$3,575.00	\$105.00	\$6,825.00	\$67.00	\$4,355.00
ST-04	Remove and Replace 12" PVC or RCP Storm Sewer	LF	650	\$49.00	\$31,850.00	\$65.00	\$42,250.00	\$52.00	\$33,800.00
ST-05	Remove and Replace 6" PVC Storm Lateral	LF	55	\$45.00	\$2,475.00	\$56.00	\$3,080.00	\$41.00	\$2,255.00
ST-06	Provide 6"x6" Storm Wye	EA	1	\$100.00	\$100.00	\$60.00	\$60.00	\$57.00	\$57.00
ST-07	Remove and Replace Catch Basin/Inlet	EA	25	\$1,900.00	\$47,500.00	\$1,800.00	\$45,000.00	\$1,700.00	\$42,500.00
ST-08	Provide Type "B" Inlet	EA	1	\$1,700.00	\$1,700.00	\$1,600.00	\$1,600.00	\$1,700.00	\$1,700.00
ST-09	Remove and Replace 4' Diameter Storm Sewer Manhole	VF	45	\$377.00	\$16,965.00	\$300.00	\$13,500.00	\$450.00	\$20,250.00
ST-10	Remove and Replace 5' Diameter Storm Sewer Manhole	VF	17	\$620.00	\$10,540.00	\$650.00	\$11,050.00	\$750.00	\$12,750.00
ST-11	Abandon/Remove Existing Storm Sewer Manholes and Appurtenances	EA	3	\$500.00	\$1,500.00	\$800.00	\$2,400.00	\$200.00	\$600.00
ST-12	Cleanout	EA	1	\$300.00	\$300.00	\$375.00	\$375.00	\$150.00	\$150.00
WATER MAIN									
W-01	Provide 12" PVC Water Main	LF	15	\$100.00	\$1,500.00	\$350.00	\$5,250.00	\$142.00	\$2,130.00
W-02	Provide 10" PVC Water Main	LF	1930	\$67.00	\$129,310.00	\$73.00	\$140,890.00	\$70.00	\$135,100.00

Attachment: 15-01 BID TAB (3191 : Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*)

PROJECT 15-01 SEWER & WATER RELAY & STREET RESURFACING
BID TAB



				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				Jossart Brothers, Inc.		Kruczek Construction Inc.		Dorner Inc.	
W-03	Provide 8" PVC Water Main	LF	3900	\$56.00	\$218,400.00	\$66.00	\$257,400.00	\$55.00	\$214,500.00
W-04	Provide 6" PVC Water Main	LF	250	\$52.00	\$13,000.00	\$64.00	\$16,000.00	\$55.00	\$13,750.00
W-05	Provide 4" PVC Water Main	LF	30	\$50.00	\$1,500.00	\$160.00	\$4,800.00	\$85.00	\$2,550.00
W-06	Provide 10" Valve	EA	14	\$2,250.00	\$31,500.00	\$1,985.00	\$27,790.00	\$2,300.00	\$32,200.00
W-07	Provide 8" Valve	EA	14	\$1,550.00	\$21,700.00	\$1,225.00	\$17,150.00	\$1,600.00	\$22,400.00
W-08	Provide 8" Tapping Tee Valve	EA	1	\$1,550.00	\$1,550.00	\$2,725.00	\$2,725.00	\$1,900.00	\$1,900.00
W-09	Provide 6" Valve	EA	6	\$1,150.00	\$6,900.00	\$900.00	\$5,400.00	\$1,150.00	\$6,900.00
W-10	Provide 6" Live Cut-In Valve	EA	1	\$6,500.00	\$6,500.00	\$5,300.00	\$5,300.00	\$7,900.00	\$7,900.00
W-11	Provide 4" Valve	EA	1	\$950.00	\$950.00	\$700.00	\$700.00	\$975.00	\$975.00
W-12	Provide Hydrant (6.5 Bury)	EA	11	\$2,900.00	\$31,900.00	\$3,500.00	\$38,500.00	\$3,500.00	\$38,500.00
W-13	Provide Hydrant (7.0 Bury)	EA	2	\$3,000.00	\$6,000.00	\$3,560.00	\$7,120.00	\$3,550.00	\$7,100.00
W-14	Provide Connection to Existing Water Main 6"x6" Cut-In Tee	EA	1	\$400.00	\$400.00	\$1,390.00	\$1,390.00	\$850.00	\$850.00
W-15	Provide Connection to Existing Water Main 10"x10" Cut-In Tee	EA	1	\$800.00	\$800.00	\$2,900.00	\$2,900.00	\$1,550.00	\$1,550.00
W-16	Provide Connection to Existing Water Main 12"x8" Cut-In Tee/Tapping Tee	EA	1	\$2,200.00	\$2,200.00	\$2,900.00	\$2,900.00	\$2,850.00	\$2,850.00
W-17	Provide Connection to Existing Water Main 12"x10" Cut-In Tee	EA	1	\$900.00	\$900.00	\$3,000.00	\$3,000.00	\$3,200.00	\$3,200.00
W-18	Provide Connection to Existing Water Main	EA	24	\$2,500.00	\$60,000.00	\$1,250.00	\$30,000.00	\$1,500.00	\$36,000.00
W-19	Provide Connection to Existing Water Main at Ninth and Cedar Intersection	LS	1	\$3,000.00	\$3,000.00	\$3,685.00	\$3,685.00	\$5,000.00	\$5,000.00
W-20	Provide Water Main Offset	EA	4	\$2,000.00	\$8,000.00	\$1,165.00	\$4,660.00	\$2,500.00	\$10,000.00
W-21	Provide 1" HDPE Water Service	LF	3300	\$41.00	\$135,300.00	\$38.50	\$127,050.00	\$34.00	\$112,200.00
W-22	Provide 1 1/2" HDPE Water Service	LF	30	\$50.00	\$1,500.00	\$43.00	\$1,290.00	\$58.00	\$1,740.00
W-23	Provide 2" HDPE Water Service	LF	40	\$60.00	\$2,400.00	\$46.50	\$1,860.00	\$60.00	\$2,400.00
W-24	Provide 1" Corporation and Curb Stop	EA	92	\$330.00	\$30,360.00	\$350.00	\$32,200.00	\$800.00	\$73,600.00
W-25	Provide 1 1/2" Corporation and Curb Stop	EA	1	\$625.00	\$625.00	\$640.00	\$640.00	\$1,400.00	\$1,400.00
W-26	Provide 2" Corporation and Curb Stop	EA	1	\$825.00	\$825.00	\$1,100.00	\$1,100.00	\$1,800.00	\$1,800.00
W-27	Provide 2" Corporation and Curb Stop with Plug/Saddle with 2" Temporary Pipe	EA	5	\$1,000.00	\$5,000.00	\$525.00	\$2,625.00	\$1,400.00	\$7,000.00
W-28	Cutting Casing for 2" Saddle and Corporation (STH 32/57)	EA	1	\$2,000.00	\$2,000.00	\$700.00	\$700.00	\$3,000.00	\$3,000.00
W-29	Verify Water Main Elevation (STH 32/57)	LS	1	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$5,000.00	\$5,000.00
W-30	Relocating 12" Water Main (STH 32/57)	LS	1	\$12,500.00	\$12,500.00	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00

Attachment: 15-01 BID TAB (3191 : Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*)

PROJECT 15-01 SEWER & WATER RELAY & STREET RESURFACING
BID TAB



				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				Jossart Brothers, Inc.		Kruczek Construction Inc.		Dorner Inc.	
W-31	Abandon/Remove Water Main and Appurtenances	LS	1	\$20,000.00	\$20,000.00	\$9,300.00	\$9,300.00	\$15,000.00	\$15,000.00
STREET AND DRAINAGE									
SD-01	Remove and Replace 24" Concrete Curb and Gutter (Slip Form)	LF	4125	\$14.50	\$59,812.50	\$13.50	\$55,687.50	\$12.20	\$50,325.00
SD-02	Remove and Replace 24" Concrete Curb and Gutter	LF	3200	\$24.00	\$76,800.00	\$23.00	\$73,600.00	\$23.20	\$74,240.00
SD-03	Provide Reinforcement for Curb and Gutter – 2 #4 Bars	LF	4400	\$0.82	\$3,608.00	\$0.75	\$3,300.00	\$0.80	\$3,520.00
SD-04	Remove and Replace 8-Inch Doweled Concrete Pavement and Base	SY	360	\$72.00	\$25,920.00	\$68.00	\$24,480.00	\$67.75	\$24,390.00
SD-05	Remove and Replace Concrete Drive – 6" Depth	SY	115	\$52.00	\$5,980.00	\$40.00	\$4,600.00	\$45.35	\$5,215.25
SD-06	Remove and Replace Concrete Sidewalk – 4" Depth	SY	800	\$50.00	\$40,000.00	\$40.00	\$32,000.00	\$43.35	\$34,680.00
SD-07	Mill Asphaltic Concrete Pavement	SY	23,075	\$1.30	\$29,997.50	\$1.00	\$23,075.00	\$1.30	\$29,997.50
SD-08	Provide Asphaltic Concrete Pavement – Surface Course, Type E1, PG 58-28	TONS	2,800	\$63.46	\$177,688.00	\$63.00	\$176,400.00	\$62.70	\$175,560.00
SD-09	Provide Asphaltic Concrete Pavement – Binder Course, Type E1, PG 58-28	TONS	1,800	\$62.41	\$112,338.00	\$62.00	\$111,600.00	\$61.70	\$111,060.00
SD-10	Provide Detectable Warning Fields Yellow	EA	22	\$190.00	\$4,180.00	\$190.00	\$4,180.00	\$190.00	\$4,180.00
SD-11	Provide 1 1/4" Crushed Aggregate Base Course for Slip Form Curb and Gutter (N. Michigan and Pine St)	TONS	1,470	\$10.00	\$14,700.00	\$10.00	\$14,700.00	\$13.35	\$19,624.50
SD-12	Provide Unclassified Excavation at Slip Form Curb (N. Michigan and Pine St)	CY	730	\$1.00	\$730.00	\$10.00	\$7,300.00	\$9.35	\$6,825.50
SD-13	Salvage and Reset Brick Pavers	SF	20	\$20.00	\$400.00	\$50.00	\$1,000.00	\$40.00	\$800.00
SPECIAL CONSTRUCTION									
SC-01	Adjust Inlet	EA	4	\$300.00	\$1,200.00	\$260.00	\$1,040.00	\$200.00	\$800.00
SC-02	Adjust Manhole	EA	3	\$250.00	\$750.00	\$275.00	\$825.00	\$200.00	\$600.00
SC-03	Reconstruct Manhole	VF	25	\$300.00	\$7,500.00	\$375.00	\$9,375.00	\$290.00	\$7,250.00
SC-04	Inlet Protection, Type B	EA	52	\$60.00	\$3,120.00	\$75.00	\$3,900.00	\$52.00	\$2,704.00
SC-05	Pavement Marking Epoxy (Curb Head "Yellow")	LF	540	\$6.28	\$3,391.20	\$6.00	\$3,240.00	\$8.65	\$4,671.00
SC-06	Pavement Marking Epoxy (18-Inch "White")	LF	30	\$7.83	\$234.90	\$10.00	\$300.00	\$9.40	\$282.00
SC-07	Pavement Marking Epoxy (12-Inch "White")	LF	535	\$6.85	\$3,664.75	\$6.50	\$3,477.50	\$7.40	\$3,959.00
SC-08	Pavement Marking Epoxy (8-Inch "White")	LF	340	\$2.78	\$945.20	\$3.00	\$1,020.00	\$1.00	\$340.00
SC-09	Pavement Marking Epoxy (4-Inch "White")	LF	475	\$2.94	\$1,396.50	\$30.00	\$14,250.00	\$0.80	\$380.00
SC-10	Pavement Marking Epoxy (4-Inch "Double Yellow")	LF	410	\$2.78	\$1,139.80	\$2.70	\$1,107.00	\$1.55	\$635.50
SC-11	Provide Pavement Marking Epoxy "Arrows"	EA	4	\$290.00	\$1,160.00	\$280.00	\$1,120.00	\$330.00	\$1,320.00
SC-12	Provide Pavement Marking Epoxy "Words"	EA	1	\$290.00	\$290.00	\$321.87	\$321.87	\$370.00	\$370.00
SC-13	Polystyrene Insulation Board	LF	100	\$10.00	\$1,000.00	\$15.00	\$1,500.00	\$10.00	\$1,000.00
SC-14	Pipe Foundation Stabilization	CY	100	\$10.00	\$1,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
SC-15	Provide Traffic Control on Ridgeway and Michigan	LS	1	\$2,000.00	\$2,000.00	\$5,100.00	\$5,100.00	\$3,000.00	\$3,000.00
TOTAL AMOUNT BID				\$1,618,931.35		\$1,687,687.87		\$1,715,346.25	

Attachment: 15-01 BID TAB (3191 : Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*)

**PROJECT 15-01 SEWER & WATER RELAY & STREET
BID TAB**



				BIDDER NO. 4		BIDDER NO. 5	
				Peters Concrete Company		David Tenor Corporation	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SANITARY SEWER							
SS-01	Remove and Relay 10" PVC Sanitary Sewer	LF	190	\$84.00	\$15,960.00	\$72.00	\$13,680.00
SS-02	Remove and Relay 4" or 6" PVC Sanitary Lateral	LF	2,000	\$51.00	\$102,000.00	\$60.00	\$120,000.00
SS-03	Provide 10"x6" Wye or 10"x4" Wye (North Michigan St)	EA	1	\$300.00	\$300.00	\$1,500.00	\$1,500.00
SS-04	Provide 6" or 4" Saddle on Existing Sanitary Sewer Pipe	EA	54	\$425.00	\$22,950.00	\$800.00	\$43,200.00
SS-05	Provide 4' Diameter Sanitary Manhole (North Michigan St)	VF	18	\$266.00	\$4,788.00	\$355.00	\$6,390.00
SS-06	Remove and Replace 4' Diameter Sanitary Manhole	VF	46	\$447.00	\$20,562.00	\$330.00	\$15,180.00
SS-07	Abandon Existing Sanitary Manhole, Sewer and Appurtenances on N. Michigan St and Pine St.	LS	1	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00
SS-08	Abandon Existing Sanitary Manhole on STH 32/57	LS	1	\$5,500.00	\$5,500.00	\$29,300.00	\$29,300.00
SS-09	Dig Down to Sanitary Sewer on Fourth St and College Ave	EA	2	\$1,000.00	\$2,000.00	\$2,700.00	\$5,400.00
SS-10	Clean and Televis 36" Sanitary Sewer	LF	120	\$42.00	\$5,040.00	\$15.00	\$1,800.00
SS-11	Abandon Existing 36" Sanitary Sewer	LS	1	\$1.00	\$1.00	\$10,000.00	\$10,000.00
SS-12	Expose and Verify Condition of Sanitary Manhole on N. Wisconsin	LS	1	\$750.00	\$750.00	\$900.00	\$900.00
STORM SEWER							
ST-01	Remove and Replace 21" PVC or RCP Storm Sewer	LF	25	\$85.00	\$2,125.00	\$84.00	\$2,100.00
ST-02	Remove and Replace 18" PVC or RCP Storm Sewer	LF	65	\$60.00	\$3,900.00	\$80.00	\$5,200.00
ST-03	Remove and Replace 15" PVC or RCP Storm Sewer	LF	65	\$50.00	\$3,250.00	\$68.00	\$4,420.00
ST-04	Remove and Replace 12" PVC or RCP Storm Sewer	LF	650	\$58.00	\$37,700.00	\$55.00	\$35,750.00
ST-05	Remove and Replace 6" PVC Storm Lateral	LF	55	\$30.00	\$1,650.00	\$48.00	\$2,640.00
ST-06	Provide 6"x6" Storm Wye	EA	1	\$75.00	\$75.00	\$68.00	\$68.00
ST-07	Remove and Replace Catch Basin/Inlet	EA	25	\$1,890.00	\$47,250.00	\$1,775.00	\$44,375.00
ST-08	Provide Type "B" Inlet	EA	1	\$1,900.00	\$1,900.00	\$1,775.00	\$1,775.00
ST-09	Remove and Replace 4' Diameter Storm Sewer Manhole	VF	45	\$390.00	\$17,550.00	\$450.00	\$20,250.00
ST-10	Remove and Replace 5' Diameter Storm Sewer Manhole	VF	17	\$515.00	\$8,755.00	\$760.00	\$12,920.00
ST-11	Abandon/Remove Existing Storm Sewer Manholes and Appurtenances	EA	3	\$250.00	\$750.00	\$500.00	\$1,500.00
ST-12	Cleanout	EA	1	\$250.00	\$250.00	\$300.00	\$300.00
WATER MAIN							
W-01	Provide 12" PVC Water Main	LF	15	\$100.00	\$1,500.00	\$285.00	\$4,275.00
W-02	Provide 10" PVC Water Main	LF	1930	\$72.95	\$140,793.50	\$67.00	\$129,310.00

Attachment: 15-01 BID TAB (3191 : Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*)

**PROJECT 15-01 SEWER & WATER RELAY & STREET
BID TAB**



				BIDDER NO. 4		BIDDER NO. 5	
				Peters Concrete Company		David Tenor Corporation	
W-03	Provide 8" PVC Water Main	LF	3900	\$67.00	\$261,300.00	\$56.00	\$218,400.00
W-04	Provide 6" PVC Water Main	LF	250	\$50.00	\$12,500.00	\$58.00	\$14,500.00
W-05	Provide 4" PVC Water Main	LF	30	\$50.00	\$1,500.00	\$65.00	\$1,950.00
W-06	Provide 10" Valve	EA	14	\$2,550.00	\$35,700.00	\$2,400.00	\$33,600.00
W-07	Provide 8" Valve	EA	14	\$1,725.00	\$24,150.00	\$1,575.00	\$22,050.00
W-08	Provide 8" Tapping Tee Valve	EA	1	\$1,700.00	\$1,700.00	\$1,575.00	\$1,575.00
W-09	Provide 6" Valve	EA	6	\$1,200.00	\$7,200.00	\$1,170.00	\$7,020.00
W-10	Provide 6" Live Cut-In Valve	EA	1	\$6,500.00	\$6,500.00	\$8,500.00	\$8,500.00
W-11	Provide 4" Valve	EA	1	\$975.00	\$975.00	\$975.00	\$975.00
W-12	Provide Hydrant (6.5 Bury)	EA	11	\$3,100.00	\$34,100.00	\$3,400.00	\$37,400.00
W-13	Provide Hydrant (7.0 Bury)	EA	2	\$3,200.00	\$6,400.00	\$3,475.00	\$6,950.00
W-14	Provide Connection to Existing Water Main 6"x6" Cut-In Tee	EA	1	\$2,450.00	\$2,450.00	\$1,950.00	\$1,950.00
W-15	Provide Connection to Existing Water Main 10"x10" Cut-In Tee	EA	1	\$2,400.00	\$2,400.00	\$2,750.00	\$2,750.00
W-16	Provide Connection to Existing Water Main 12"x8" Cut-In Tee/Tapping Tee	EA	1	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00
W-17	Provide Connection to Existing Water Main 12"x10" Cut-In Tee	EA	1	\$2,450.00	\$2,450.00	\$2,750.00	\$2,750.00
W-18	Provide Connection to Existing Water Main	EA	24	\$1,640.00	\$39,360.00	\$1,600.00	\$38,400.00
W-19	Provide Connection to Existing Water Main at Ninth and Cedar Intersection	LS	1	\$5,350.00	\$5,350.00	\$4,600.00	\$4,600.00
W-20	Provide Water Main Offset	EA	4	\$3,550.00	\$14,200.00	\$2,750.00	\$11,000.00
W-21	Provide 1" HDPE Water Service	LF	3300	\$46.95	\$154,935.00	\$42.00	\$138,600.00
W-22	Provide 1 1/2" HDPE Water Service	LF	30	\$50.00	\$1,500.00	\$43.00	\$1,290.00
W-23	Provide 2" HDPE Water Service	LF	40	\$75.00	\$3,000.00	\$44.00	\$1,760.00
W-24	Provide 1" Corporation and Curb Stop	EA	92	\$350.00	\$32,200.00	\$380.00	\$34,960.00
W-25	Provide 1 1/2" Corporation and Curb Stop	EA	1	\$500.00	\$500.00	\$655.00	\$655.00
W-26	Provide 2" Corporation and Curb Stop	EA	1	\$750.00	\$750.00	\$870.00	\$870.00
W-27	Provide 2" Corporation and Curb Stop with Plug/Saddle with 2" Temporary Pipe	EA	5	\$1,000.00	\$5,000.00	\$2,000.00	\$10,000.00
W-28	Cutting Casing for 2" Saddle and Corporation (STH 32/57)	EA	1	\$1,000.00	\$1,000.00	\$600.00	\$600.00
W-29	Verify Water Main Elevation (STH 32/57)	LS	1	\$750.00	\$750.00	\$600.00	\$600.00
W-30	Relocating 12" Water Main (STH 32/57)	LS	1	\$22,000.00	\$22,000.00	\$13,500.00	\$13,500.00

Attachment: 15-01 BID TAB (3191 : Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*)

**PROJECT 15-01 SEWER & WATER RELAY & STREET
BID TAB**



				BIDDER NO. 4		BIDDER NO. 5	
				Peters Concrete Company		David Tenor Corporation	
W-31	Abandon/Remove Water Main and Appurtenances	LS	1	\$12,000.00	\$12,000.00	\$22,000.00	\$22,000.00
STREET AND DRAINAGE							
SD-01	Remove and Replace 24" Concrete Curb and Gutter (Slip Form)	LF	4125	\$14.72	\$60,720.00	\$13.00	\$53,625.00
SD-02	Remove and Replace 24" Concrete Curb and Gutter	LF	3200	\$25.52	\$81,664.00	\$24.00	\$76,800.00
SD-03	Provide Reinforcement for Curb and Gutter – 2 #4 Bars	LF	4400	\$0.80	\$3,520.00	\$0.84	\$3,696.00
SD-04	Remove and Replace 8-Inch Doweled Concrete Pavement and Base	SY	360	\$65.00	\$23,400.00	\$69.00	\$24,840.00
SD-05	Remove and Replace Concrete Drive – 6" Depth	SY	115	\$41.00	\$4,715.00	\$44.50	\$5,117.50
SD-06	Remove and Replace Concrete Sidewalk – 4" Depth	SY	800	\$39.00	\$31,200.00	\$42.45	\$33,960.00
SD-07	Mill Asphaltic Concrete Pavement	SY	23,075	\$2.60	\$59,995.00	\$1.31	\$30,228.25
SD-08	Provide Asphaltic Concrete Pavement – Surface Course, Type E1, PG 58-28	TONS	2,800	\$57.20	\$160,160.00	\$64.07	\$179,396.00
SD-09	Provide Asphaltic Concrete Pavement – Binder Course, Type E1, PG 58-28	TONS	1,800	\$57.20	\$102,960.00	\$63.00	\$113,400.00
SD-10	Provide Detectable Warning Fields Yellow	EA	22	\$185.00	\$4,070.00	\$192.50	\$4,235.00
SD-11	Provide 1 1/4" Crushed Aggregate Base Course for Slip Form Curb and Gutter (N. Michigan and Pine St)	TONS	1,470	\$10.00	\$14,700.00	\$11.00	\$16,170.00
SD-12	Provide Unclassified Excavation at Slip Form Curb (N. Michigan and Pine St)	CY	730	\$12.00	\$8,760.00	\$9.75	\$7,117.50
SD-13	Salvage and Reset Brick Pavers	SF	20	\$50.00	\$1,000.00	\$43.00	\$860.00
SPECIAL CONSTRUCTION							
SC-01	Adjust Inlet	EA	4	\$600.00	\$2,400.00	\$300.00	\$1,200.00
SC-02	Adjust Manhole	EA	3	\$600.00	\$1,800.00	\$400.00	\$1,200.00
SC-03	Reconstruct Manhole	VF	25	\$510.00	\$12,750.00	\$300.00	\$7,500.00
SC-04	Inlet Protection, Type B	EA	52	\$40.00	\$2,080.00	\$55.00	\$2,860.00
SC-05	Pavement Marking Epoxy (Curb Head "Yellow")	LF	540	\$8.50	\$4,590.00	\$8.85	\$4,779.00
SC-06	Pavement Marking Epoxy (18-Inch "White")	LF	30	\$9.25	\$277.50	\$9.62	\$288.60
SC-07	Pavement Marking Epoxy (12-Inch "White")	LF	535	\$7.25	\$3,878.75	\$7.54	\$4,033.90
SC-08	Pavement Marking Epoxy (8-Inch "White")	LF	340	\$0.95	\$323.00	\$1.00	\$340.00
SC-09	Pavement Marking Epoxy (4-Inch "White")	LF	475	\$0.75	\$356.25	\$0.80	\$380.00
SC-10	Pavement Marking Epoxy (4-Inch "Double Yellow")	LF	410	\$1.50	\$615.00	\$1.56	\$639.60
SC-11	Provide Pavement Marking Epoxy "Arrows"	EA	4	\$325.00	\$1,300.00	\$340.00	\$1,360.00
SC-12	Provide Pavement Marking Epoxy "Words"	EA	1	\$365.00	\$365.00	\$380.00	\$380.00
SC-13	Polystyrene Insulation Board	LF	100	\$6.00	\$600.00	\$6.00	\$600.00
SC-14	Pipe Foundation Stabilization	CY	100	\$18.00	\$1,800.00	\$19.75	\$1,975.00
SC-15	Provide Traffic Control on Ridgeway and Michigan	LS	1	\$3,000.00	\$3,000.00	\$18,000.00	\$18,000.00
TOTAL					\$1,735,669.00		\$1,749,419.35

Attachment: 15-01 BID TAB (3191 : Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*)

**PROJECT 15-01 SEWER & WATER RELAY & STREET
BID TAB**



				BIDDER NO. 6		BIDDER NO. 7		BIDDER NO. 8	
				PTS Contractors, Inc.		De Groot, Inc.		Advance Construction	
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SANITARY SEWER									
SS-01	Remove and Relay 10" PVC Sanitary Sewer	LF	190	\$93.00	\$17,670.00	\$103.20	\$19,608.00	\$100.00	\$19,000.00
SS-02	Remove and Relay 4" or 6" PVC Sanitary Lateral	LF	2,000	\$80.00	\$160,000.00	\$53.56	\$107,120.00	\$78.65	\$157,300.00
SS-03	Provide 10"x6" Wye or 10"x4" Wye (North Michigan St)	EA	1	\$201.00	\$201.00	\$588.96	\$588.96	\$130.00	\$130.00
SS-04	Provide 6" or 4" Saddle on Existing Sanitary Sewer Pipe	EA	54	\$90.00	\$4,860.00	\$1,654.50	\$89,343.00	\$600.00	\$32,400.00
SS-05	Provide 4' Diameter Sanitary Manhole (North Michigan St)	VF	18	\$325.00	\$5,850.00	\$370.03	\$6,660.54	\$400.00	\$7,200.00
SS-06	Remove and Replace 4' Diameter Sanitary Manhole	VF	46	\$286.00	\$13,156.00	\$397.75	\$18,296.50	\$460.00	\$21,160.00
SS-07	Abandon Existing Sanitary Manhole, Sewer and Appurtenances on N. Michigan St and Pine St.	LS	1	\$579.00	\$579.00	\$1,515.00	\$1,515.00	\$2,500.00	\$2,500.00
SS-08	Abandon Existing Sanitary Manhole on STH 32/57	LS	1	\$3,429.00	\$3,429.00	\$9,850.08	\$9,850.08	\$9,500.00	\$9,500.00
SS-09	Dig Down to Sanitary Sewer on Fourth St and College Ave	EA	2	\$1,448.00	\$2,896.00	\$2,070.50	\$4,141.00	\$1,500.00	\$3,000.00
SS-10	Clean and Televis 36" Sanitary Sewer	LF	120	\$1.60	\$192.00	\$13.89	\$1,666.80	\$12.92	\$1,550.40
SS-11	Abandon Existing 36" Sanitary Sewer	LS	1	\$3,433.00	\$3,433.00	\$8,080.00	\$8,080.00	\$6,000.00	\$6,000.00
SS-12	Expose and Verify Condition of Sanitary Manhole on N. Wisconsin	LS	1	\$290.00	\$290.00	\$757.50	\$757.50	\$2,500.00	\$2,500.00
STORM SEWER									
ST-01	Remove and Replace 21" PVC or RCP Storm Sewer	LF	25	\$165.00	\$4,125.00	\$73.20	\$1,830.00	\$90.00	\$2,250.00
ST-02	Remove and Replace 18" PVC or RCP Storm Sewer	LF	65	\$105.00	\$6,825.00	\$62.32	\$4,050.80	\$84.00	\$5,460.00
ST-03	Remove and Replace 15" PVC or RCP Storm Sewer	LF	65	\$110.00	\$7,150.00	\$53.23	\$3,459.95	\$77.00	\$5,005.00
ST-04	Remove and Replace 12" PVC or RCP Storm Sewer	LF	650	\$96.00	\$62,400.00	\$49.68	\$32,292.00	\$72.00	\$46,800.00
ST-05	Remove and Replace 6" PVC Storm Lateral	LF	55	\$51.00	\$2,805.00	\$41.07	\$2,258.85	\$42.00	\$2,310.00
ST-06	Provide 6"x6" Storm Wye	EA	1	\$43.00	\$43.00	\$202.00	\$202.00	\$40.00	\$40.00
ST-07	Remove and Replace Catch Basin/Inlet	EA	25	\$1,621.00	\$40,525.00	\$1,998.86	\$49,971.50	\$1,700.00	\$42,500.00
ST-08	Provide Type "B" Inlet	EA	1	\$1,610.00	\$1,610.00	\$1,818.00	\$1,818.00	\$1,600.00	\$1,600.00
ST-09	Remove and Replace 4' Diameter Storm Sewer Manhole	VF	45	\$312.00	\$14,040.00	\$509.74	\$22,938.30	\$280.00	\$12,600.00
ST-10	Remove and Replace 5' Diameter Storm Sewer Manhole	VF	17	\$510.00	\$8,670.00	\$662.35	\$11,259.95	\$600.00	\$10,200.00
ST-11	Abandon/Remove Existing Storm Sewer Manholes and Appurtenances	EA	3	\$766.00	\$2,298.00	\$505.00	\$1,515.00	\$500.00	\$1,500.00
ST-12	Cleanout	EA	1	\$396.00	\$396.00	\$303.00	\$303.00	\$425.00	\$425.00
WATER MAIN									
W-01	Provide 12" PVC Water Main	LF	15	\$305.00	\$4,575.00	\$85.85	\$1,287.75	\$353.00	\$5,295.00
W-02	Provide 10" PVC Water Main	LF	1930	\$87.00	\$167,910.00	\$62.30	\$120,239.00	\$91.00	\$175,630.00

Attachment: 15-01 BID TAB (3191 : Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*)

**PROJECT 15-01 SEWER & WATER RELAY & STREET
BID TAB**



				BIDDER NO. 6		BIDDER NO. 7		BIDDER NO. 8	
				PTS Contractors, Inc.		De Groot, Inc.		Advance Construction	
W-03	Provide 8" PVC Water Main	LF	3900	\$88.00	\$343,200.00	\$54.09	\$210,951.00	\$79.00	\$308,100.00
W-04	Provide 6" PVC Water Main	LF	250	\$70.00	\$17,500.00	\$58.19	\$14,547.50	\$60.00	\$15,000.00
W-05	Provide 4" PVC Water Main	LF	30	\$75.00	\$2,250.00	\$56.56	\$1,696.80	\$61.00	\$1,830.00
W-06	Provide 10" Valve	EA	14	\$2,401.00	\$33,614.00	\$2,155.27	\$30,173.78	\$2,030.00	\$28,420.00
W-07	Provide 8" Valve	EA	14	\$1,582.00	\$22,148.00	\$1,529.24	\$21,409.36	\$1,390.00	\$19,460.00
W-08	Provide 8" Tapping Tee Valve	EA	1	\$2,041.00	\$2,041.00	\$1,499.12	\$1,499.12	\$5,338.00	\$5,338.00
W-09	Provide 6" Valve	EA	6	\$1,133.00	\$6,798.00	\$5,588.74	\$33,532.44	\$1,040.00	\$6,240.00
W-10	Provide 6" Live Cut-In Valve	EA	1	\$5,209.00	\$5,209.00	\$7,668.43	\$7,668.43	\$10,000.00	\$10,000.00
W-11	Provide 4" Valve	EA	1	\$977.00	\$977.00	\$1,019.38	\$1,019.38	\$875.00	\$875.00
W-12	Provide Hydrant (6.5 Bury)	EA	11	\$3,226.00	\$35,486.00	\$3,254.22	\$35,796.42	\$3,426.00	\$37,686.00
W-13	Provide Hydrant (7.0 Bury)	EA	2	\$3,332.00	\$6,664.00	\$3,254.22	\$6,508.44	\$3,500.00	\$7,000.00
W-14	Provide Connection to Existing Water Main 6"x6" Cut-In Tee	EA	1	\$952.00	\$952.00	\$2,376.89	\$2,376.89	\$2,300.00	\$2,300.00
W-15	Provide Connection to Existing Water Main 10"x10" Cut-In Tee	EA	1	\$1,391.00	\$1,391.00	\$2,810.33	\$2,810.33	\$3,100.00	\$3,100.00
W-16	Provide Connection to Existing Water Main 12"x8" Cut-In Tee/Tapping Tee	EA	1	\$1,856.00	\$1,856.00	\$3,401.93	\$3,401.93	\$4,200.00	\$4,200.00
W-17	Provide Connection to Existing Water Main 12"x10" Cut-In Tee	EA	1	\$1,249.00	\$1,249.00	\$2,971.67	\$2,971.67	\$3,000.00	\$3,000.00
W-18	Provide Connection to Existing Water Main	EA	24	\$1,005.00	\$24,120.00	\$2,435.29	\$58,446.96	\$2,800.00	\$67,200.00
W-19	Provide Connection to Existing Water Main at Ninth and Cedar Intersection	LS	1	\$5,215.00	\$5,215.00	\$4,040.00	\$4,040.00	\$3,500.00	\$3,500.00
W-20	Provide Water Main Offset	EA	4	\$4,156.00	\$16,624.00	\$4,320.78	\$17,283.12	\$4,700.00	\$18,800.00
W-21	Provide 1" HDPE Water Service	LF	3300	\$51.00	\$168,300.00	\$42.48	\$140,184.00	\$66.00	\$217,800.00
W-22	Provide 1 1/2" HDPE Water Service	LF	30	\$50.00	\$1,500.00	\$50.50	\$1,515.00	\$64.00	\$1,920.00
W-23	Provide 2" HDPE Water Service	LF	40	\$50.00	\$2,000.00	\$60.60	\$2,424.00	\$65.00	\$2,600.00
W-24	Provide 1" Corporation and Curb Stop	EA	92	\$300.00	\$27,600.00	\$959.43	\$88,267.56	\$400.00	\$36,800.00
W-25	Provide 1 1/2" Corporation and Curb Stop	EA	1	\$483.00	\$483.00	\$1,192.17	\$1,192.17	\$900.00	\$900.00
W-26	Provide 2" Corporation and Curb Stop	EA	1	\$655.00	\$655.00	\$1,361.06	\$1,361.06	\$1,460.00	\$1,460.00
W-27	Provide 2" Corporation and Curb Stop with Plug/Saddle with 2" Temporary Pipe	EA	5	\$1,607.00	\$8,035.00	\$2,513.89	\$12,569.45	\$1,600.00	\$8,000.00
W-28	Cutting Casing for 2" Saddle and Corporation (STH 32/57)	EA	1	\$5,297.00	\$5,297.00	\$2,424.00	\$2,424.00	\$14,500.00	\$14,500.00
W-29	Verify Water Main Elevation (STH 32/57)	LS	1	\$579.00	\$579.00	\$1,767.50	\$1,767.50	\$39,500.00	\$39,500.00
W-30	Relocating 12" Water Main (STH 32/57)	LS	1	\$30,910.00	\$30,910.00	\$19,999.01	\$19,999.01	\$14,000.00	\$14,000.00

Attachment: 15-01 BID TAB (3191 : Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*)

**PROJECT 15-01 SEWER & WATER RELAY & STREET
BID TAB**



				BIDDER NO. 6		BIDDER NO. 7		BIDDER NO. 8	
				PTS Contractors, Inc.		De Groot, Inc.		Advance Construction	
W-31	Abandon/Remove Water Main and Appurtenances	LS	1	\$10,001.00	\$10,001.00	\$14,847.00	\$14,847.00	\$5,000.00	\$5,000.00
STREET AND DRAINAGE									
SD-01	Remove and Replace 24" Concrete Curb and Gutter (Slip Form)	LF	4125	\$14.00	\$57,750.00	\$17.03	\$70,248.75	\$13.20	\$54,450.00
SD-02	Remove and Replace 24" Concrete Curb and Gutter	LF	3200	\$26.00	\$83,200.00	\$30.30	\$96,960.00	\$27.00	\$86,400.00
SD-03	Provide Reinforcement for Curb and Gutter – 2 #4 Bars	LF	4400	\$0.80	\$3,520.00	\$0.85	\$3,740.00	\$0.80	\$3,520.00
SD-04	Remove and Replace 8-Inch Doweled Concrete Pavement and Base	SY	360	\$68.00	\$24,480.00	\$79.80	\$28,728.00	\$68.00	\$24,480.00
SD-05	Remove and Replace Concrete Drive – 6" Depth	SY	115	\$41.00	\$4,715.00	\$68.02	\$7,822.30	\$46.00	\$5,290.00
SD-06	Remove and Replace Concrete Sidewalk – 4" Depth	SY	800	\$39.00	\$31,200.00	\$54.59	\$43,672.00	\$44.00	\$35,200.00
SD-07	Mill Asphaltic Concrete Pavement	SY	23,075	\$1.30	\$29,997.50	\$1.33	\$30,689.75	\$1.30	\$29,997.50
SD-08	Provide Asphaltic Concrete Pavement – Surface Course, Type E1, PG 58-28	TONS	2,800	\$63.00	\$176,400.00	\$65.34	\$182,952.00	\$60.00	\$168,000.00
SD-09	Provide Asphaltic Concrete Pavement – Binder Course, Type E1, PG 58-28	TONS	1,800	\$62.00	\$111,600.00	\$64.26	\$115,668.00	\$60.00	\$108,000.00
SD-10	Provide Detectable Warning Fields Yellow	EA	22	\$190.00	\$4,180.00	\$196.19	\$4,316.18	\$185.00	\$4,070.00
SD-11	Provide 1 1/4" Crushed Aggregate Base Course for Slip Form Curb and Gutter (N. Michigan and Pine St)	TONS	1,470	\$11.00	\$16,170.00	\$12.28	\$18,051.60	\$12.00	\$17,640.00
SD-12	Provide Unclassified Excavation at Slip Form Curb (N. Michigan and Pine St)	CY	730	\$14.00	\$10,220.00	\$8.08	\$5,898.40	\$10.00	\$7,300.00
SD-13	Salvage and Reset Brick Pavers	SF	20	\$41.00	\$820.00	\$50.50	\$1,010.00	\$25.00	\$500.00
SPECIAL CONSTRUCTION									
SC-01	Adjust Inlet	EA	4	\$338.00	\$1,352.00	\$454.50	\$1,818.00	\$400.00	\$1,600.00
SC-02	Adjust Manhole	EA	3	\$338.00	\$1,014.00	\$505.00	\$1,515.00	\$400.00	\$1,200.00
SC-03	Reconstruct Manhole	VF	25	\$365.00	\$9,125.00	\$583.48	\$14,587.00	\$350.00	\$8,750.00
SC-04	Inlet Protection, Type B	EA	52	\$56.00	\$2,912.00	\$25.25	\$1,313.00	\$40.00	\$2,080.00
SC-05	Pavement Marking Epoxy (Curb Head "Yellow")	LF	540	\$6.30	\$3,402.00	\$6.47	\$3,493.80	\$8.50	\$4,590.00
SC-06	Pavement Marking Epoxy (18-Inch "White")	LF	30	\$7.80	\$234.00	\$8.06	\$241.80	\$9.25	\$277.50
SC-07	Pavement Marking Epoxy (12-Inch "White")	LF	535	\$6.80	\$3,638.00	\$7.05	\$3,771.75	\$7.25	\$3,878.75
SC-08	Pavement Marking Epoxy (8-Inch "White")	LF	340	\$3.00	\$1,020.00	\$2.87	\$975.80	\$0.95	\$323.00
SC-09	Pavement Marking Epoxy (4-Inch "White")	LF	475	\$3.00	\$1,425.00	\$3.02	\$1,434.50	\$0.75	\$356.25
SC-10	Pavement Marking Epoxy (4-Inch "Double Yellow")	LF	410	\$3.00	\$1,230.00	\$2.87	\$1,176.70	\$1.50	\$615.00
SC-11	Provide Pavement Marking Epoxy "Arrows"	EA	4	\$288.00	\$1,152.00	\$296.94	\$1,187.76	\$325.00	\$1,300.00
SC-12	Provide Pavement Marking Epoxy "Words"	EA	1	\$288.00	\$288.00	\$296.94	\$296.94	\$365.00	\$365.00
SC-13	Polystyrene Insulation Board	LF	100	\$4.50	\$450.00	\$7.07	\$707.00	\$8.00	\$800.00
SC-14	Pipe Foundation Stabilization	CY	100	\$15.00	\$1,500.00	\$20.20	\$2,020.00	\$18.00	\$1,800.00
SC-15	Provide Traffic Control on Ridgeway and Michigan	LS	1	\$1,250.00	\$1,250.00	\$15,907.50	\$15,907.50	\$8,100.00	\$8,100.00
TOTAL					\$1,902,826.50		\$1,923,941.33		\$2,039,267.40

Attachment: 15-01 BID TAB (3191 : Consider Award of Contract 15-01 Sewer & Water Relay & Street Resurfacing*)

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Award of Contract 15-03 Sewer Lining-CIPP*

The Engineering Department received bids on Project 15-03 - Pipe Lining-CIPP on February 26th. The project consists of pipe lining of deteriorated sewers at locations around the City. The bids received were as follows:

Bidder	Amount
Insituform Technologies USA, Inc.	\$208,896.00
Visu-Sewer, Inc.	\$209,029.00
McCann's Sewer and Drain	\$275,891.50
Michels Corporation	\$298,215.00

The budgeted amount from the capital improvement budget is \$266,000. Funding will be from the sewage revenue fund. The staff recommendation is to accept the bid from Insituform Technologies USA, Inc. in the amount of \$208,896.00.

ATTACHMENTS:

- 15-03 Bid Tab(PDF)

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Karen Heyrman

SUBJECT: Consider Award for Project 15-13 Crackfilling*

The Engineering Department received bids for Project 14-13 Crackfilling on February 26th. Five contractors took plans for the project. This work is for maintenance of streets and parking lots. One bid was received as follows:

Bidder	Amount
Asphalt Seal & Repair, Inc.	\$87,468.00

An additional bid was provided the day after bids were open. It had been delivered to the wrong address. The contractor informed the City Engineer that he had seen the bid tabulation on-line and instructed us not to open his bid because it would not be less than the bid opened the day prior.

The budget included \$114,500 from general obligation debt to complete this work. The staff recommendation is to award the bid to Asphalt Seal & Repair Inc in the amount of \$87,468.00.

ATTACHMENTS:

- 15-13 Bid Tab(PDF)

PROJECT 15-13 CRACKFILLING
BID TAB



				BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3	
				Asphalt Seal and Repair, Inc.					
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SC-01	Crackfilling	LB	90,000	\$ 0.94	\$ 84,510.00		\$ -		\$ -
SC-02	Seal Coating	SF	30,800	\$ 0.08	\$ 2,464.00		\$ -		\$ -
SC-03	Pavement Marking	LF	1,300	\$ 0.38	\$ 494.00		\$ -		\$ -
TOTAL AMOUNT BID					\$87,468.00		\$0.00		\$0.00

Attachment: 15-13 Bid Tab (3184 : Consider Award for Project 15-13 Crackfilling*)

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Award of Contract 15-15 Televising*

The Engineering Department received bids on Project 15-15 Televising on February 26th. This work is for maintenance of sewers. The bids received were as follows:

Bidder	Amount
Green Bay Pipe & TV, LLC	\$53,793.00
Northern Pipe Equipment, Inc.	\$58,860.00
Speedy Clean Drain & Sewer	\$63,507.00
Great Lakes TV Seal, Inc.	\$78,455.00
Visu-Sewer, Inc.	\$89,017.00
PLC Water Jetting Service, Inc.	\$99,325.00
National Power Rodding Corp.	\$488,172.00

The budgeted amount for the project from the capital improvement fund is \$60,000. Funding will be \$50,000 from the storm water utility fund and \$10,000 from the sewerage revenue fund. The staff recommendation is to award the bid to Green Bay Pipe & TV, LLC in the amount of \$53,793.00.

ATTACHMENTS:

- 15-15 Bid Tab(PDF)

**PROJECT 15-15 TELEVISING
BID TAB**



ITEM	DESCRIPTION	UNIT	QTY	BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3		BIDDER NO. 4		BIDDER NO. 5		BIDDER NO. 6	
				UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
SP-01	SANITARY SEWER CLEANING (18 & 30 INCH)	LF	8,600	\$ 0.46	\$ 3,956.00	\$ 0.48	\$ 4,128.00	\$ 1.00	\$ 8,600.00	\$ 3.50	\$ 30,100.00	\$ 1.25	\$ 10,750.00	\$ 4.25	\$ 36,550.00
SP-02	SANITARY SEWER TELEVING (18 & 30 INCH)	LF	8,600	\$ 0.47	\$ 4,042.00	\$ 0.42	\$ 3,612.00	\$ 1.00	\$ 8,600.00	\$ 0.45	\$ 3,870.00	\$ 0.50	\$ 4,300.00	\$ 20.00	\$ 172,000.00
SP-03	STORM SEWER CLEANING (8-27 INCH)	LF	38,500	\$ 0.40	\$ 15,400.00	\$ 0.45	\$ 17,325.00	\$ 0.42	\$ 16,170.00	\$ 0.38	\$ 14,630.00	\$ 1.25	\$ 48,125.00	\$ 1.14	\$ 43,890.00
SP-04	STORM SEWER CLEANING (30-48 INCH)	LF	8,800	\$ 0.40	\$ 3,520.00	\$ 0.45	\$ 3,960.00	\$ 0.42	\$ 3,696.00	\$ 0.38	\$ 3,344.00	\$ 1.25	\$ 11,000.00	\$ 1.14	\$ 10,032.00
SP-05	HEAVY SEWER CLEANING (8-27 INCH)	LF	10,000	\$ 0.38	\$ 3,800.00	\$ 0.60	\$ 6,000.00	\$ 0.42	\$ 4,200.00	\$ 0.37	\$ 3,700.00	\$ -	\$ -	\$ 1.00	\$ 10,000.00
SP-06	HEAVY SEWER CLEANING (30-48 INCH)	LF	2,000	\$ 0.52	\$ 1,040.00	\$ 0.65	\$ 1,300.00	\$ 1.00	\$ 2,000.00	\$ 0.52	\$ 1,040.00	\$ -	\$ -	\$ 26.25	\$ 52,500.00
SP-07	STORM SEWER TELEVISING (8-27 INCH)	LF	38,500	\$ 0.45	\$ 17,325.00	\$ 0.45	\$ 17,325.00	\$ 0.42	\$ 16,170.00	\$ 0.45	\$ 17,325.00	\$ 0.50	\$ 19,250.00	\$ 3.00	\$ 115,500.00
SP-08	STORM SEWER TELEVISING (30-48 INCH)	LF	8,800	\$ 0.45	\$ 3,960.00	\$ 0.45	\$ 3,960.00	\$ 0.42	\$ 3,696.00	\$ 0.42	\$ 3,696.00	\$ 0.50	\$ 4,400.00	\$ 4.00	\$ 35,200.00
SP-09	SEWER PIPE ROOT CUTTING (8-48 INCH)	LF	1,000	\$ 0.50	\$ 500.00	\$ 0.75	\$ 750.00	\$ 0.25	\$ 250.00	\$ 0.50	\$ 500.00	\$ 1.00	\$ 1,000.00	\$ 5.00	\$ 5,000.00
SP-10	REMOVAL MINERAL DEPOSITS	LF	500	\$ 0.50	\$ 250.00	\$ 1.00	\$ 500.00	\$ 0.25	\$ 125.00	\$ 0.50	\$ 250.00	\$ 1.00	\$ 500.00	\$ 15.00	\$ 7,500.00
	TOTAL AMOUNT BID				\$53,793.00		\$58,860.00		\$63,507.00		\$78,455.00		99,325.00		\$488,172.00

Attachment: 15-15 Bid Tab (3192 : Consider Award of Contract 15-15 Televising*)

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Karen Heyrman

SUBJECT: Consider Quotes for Storm Water Management*

The Engineering Department received proposals for storm water management planning that will be completed in 2015. The work includes the following items required by Wisconsin Department of Natural Resources (WDNR) to comply with our MS4 storm water discharge permit:

- Updating the City's storm water management model that was developed in 2008. The model was created to address Total Suspended Solids (TSS) requirements for storm water and now needs to include Total Maximum Daily Loads (TMDL's) and phosphorous limits established by WDNR. The model update will add improvements made to the system since 2008 as well as modeling for TSS and phosphorous. The updated storm water model will assist the City with long term planning and budgeting for required improvement.
- Provide a storm water pollution prevention program for the Municipal Service Center. Recommend routine maintenance and inspection programs for existing storm water facilities to maintain their pollutant load removal efficiency.
- Complete WDNR field screening of 33 City owned major outfalls discharging to the Ashwaubenon Creek, Fox River, and the East River.

Some of the improvements recommended in the study will be completed in conjunction with the City's 2015 construction projects. The total cost of this work is estimated as follows:

	R.A Smith National, Inc.	Robert E. Lee & Associates, Inc.
Model update	\$21,825.50	\$44,000.00
Pollution Prevention Plan*	\$ 4,851.00	\$25,500.00
MSC Pollution Prevention Plan	\$ 2,414.00	\$ 6,250.00
WDNR Field Screening**	<u>\$ 5,322.02</u>	<u>\$14,430.00</u>
Total Estimated Cost	\$34,412.52	\$87,180.00

*Assumes 30 facilities

**Assumes 33 outfalls and 10 samples

The staff recommendation is to accept the quote from R.A. Smith National, Inc for the Storm Water Management Planning estimated at \$34,412.52. The budget includes \$36,000 in the storm water utility capital projects accounts for this work.

ATTACHMENTS:

- CE_R.A.Smith-EP 1150177 2015 DePere SWMP_022715 (PDF)

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider 2014 Annual Report for the Wisconsin Department of Natural Resources MS4 General Permit*

The Engineering Department has completed the Annual Report under MS4 General Permit for the 2014 calendar year and attached for your review. This report is required to be completed annually and submitted to the Wisconsin Department of Natural Resources (WDNR). The Report identifies activities that the City has completed in 2014 to meet our MS4 General Permit for storm water discharge. Highlights from the 2014 Report include:

- Membership in the Northeast Stormwater Consortium (NEWSC) which helps the City meet the requirements for Public Outreach and Education and Public Involvement and Participation.
- Cleaned and televised 43,000 linear feet of storm sewer.
- Fall leaf collection.
- Spring and fall brush collection.
- Street sweeping.

Staff recommends the BOPW approve the Report for submittal to the WDNR.

ATTACHMENTS:

- ce-1-3400-195-De-Pere-2014 (PDF)

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 10/14)

Page 1 of 8

Due by March 31, 2015

Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is being provided by the DNR for the user's convenience. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

This form is for reporting on activities undertaken in calendar year 2014.

Instructions: Complete each section of the form that follows. If additional space is needed to respond to a question, attach additional pages. Provide descriptions that explain the program actions taken to comply with the general permit. Complete and submit the annual report by March 31, 2015, to the appropriate address indicated on the last page of this form.

SECTION I. Municipal Information

Name of Municipality		Facility ID No. (FIN)	
City of De Pere		31088	
Mailing Address	City	State	ZIP Code
925 S. Sixth Street	De Pere	WI	54115
County(s) in which Municipality is located	Municipality Type: (select one)		
Brown	☐ County ☒ City ☐ Village ☐ Town ☐ Other (specify)		

SECTION II. Municipal Contact Information

Name of Municipal Contact Person		Title	
Eric Rakers		City Engineer	
Mailing Address (if different from above)	City	State	ZIP Code
925 S. Sixth Street	De Pere	WI	54115
Email	Phone Number (include area code)	Fax Number (include area code)	
erakers@mail.de-pere.org	(920) 339-8304	(920) 339-4071	

SECTION III. Certification

I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-2 for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Printed Name	Authorized Representative Title		
Eric Rakers	City Engineer		
Signature of Authorized Representative	Date		
	03/18/2015		
Email	Phone Number (include area code)	Fax Number (include area code)	
erakers@mail.de-pere.org	(920) 339-8304	(920) 339-4071	

b. Describe how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements.

City staff keeps the Board of Public Works and Common Council apprised of the discharge permit and the requirement of the permit during the year as services to meet the requirements are obtained. This includes when professional services are obtained for pond design and IDDE review.

c. Has the municipality prepared its own municipal-wide storm water management plan? ☒ Yes ☐ No

If yes, title and date of storm water management plan:

EarthTech Inc. completed a report titled City of De Pere Nonpoint Pollution WinSLAMM Analysis in March of 2008.

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 10/14)

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SECTION IV. General Information

- a. Describe what efforts the municipality has undertaken to invite the municipal governing body, interest groups, and the general public to review and comment on the annual report.

The annual report was presented to the Board of Public Works on March 7, 2015, and the Common Council on March 17, 2015. The draft annual report was placed on the website on March 13, 2015.

- d. Has the municipality entered into a written agreement with another municipality or a contract with another entity to perform one or more of the conditions as provided under section 2.10 of the general permit? ☐ Yes ☒ No

If yes, describe these cooperative efforts:

- e. Does the municipality have an internet website? ☒ Yes ☐ No

If yes, provide web address:

<http://www.de-pere.org>

If the municipality has an internet website, is there current information about or links provided to the MS4 general permit and/or the municipality's storm water management program?

☒ Yes ☐ No

If yes, provide web address:

<http://www.de-pere.org>

SECTION V. Permit Conditions

- a. **Minimum Control Measures:** For each of the permit conditions listed below, provide a description of the implementation of each program element, the status of meeting measurable goals, and compliance with permit schedule in section 2.11 of the MS4 general permit. Provide an evaluation of program compliance with the general permit, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals. Be specific in describing the actions that have been taken during the reporting year to implement each permit condition and whether measurable goals have been met, including any data collected to document a measurable goal. Also, explain the reasons for any variations from the compliance schedule in the MS4 general permit.

• **Public Education and Outreach**

The City utilizes the information from the Northeast Stormwater Consortium-NEWSC Stormwater Management activities. In addition to the NEWSC activities, the City included an article on vehicle maintenance and impacts to storm water in the 20143 summer newsletter. The City placed storm water posters at public facilities around the City.

• **Public Involvement and Participation**

The City has a link to the City's stormwater ordinance plus a link to the NEWSC website. The City has information available for the public including handouts on: seasonal packet - soil testing, grass clippings, lawn watering, fall fertilizing, leaf maintenance, household hazardous waste, algae blooms, and composting.

• **Illicit Discharge Detection and Elimination**

The City is completing IDDE inspections for the entire City in 2015.

• **Construction Site Pollutant Control**

Ordinance 09-04, Chapter 28, De Pere Municipal Code relating to storm water management including the NEWSC Stormwater Reference Guide was adopted on 2/3/2009

• **Post-Construction Storm Water Management**

Approximately one tenth of the City storm sewer was cleaned and televised.

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 10/14)

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• **Pollution Prevention**

City Streets are swept eight to ten times per year. Approximately 200 catch basins are cleaned each year. Street sweeping and catch basin debris is hauled directly to the landfill. The City is pre-wetting salt for winter spreading which helps reduce the amount of salt applied to the roadway. Trucks are calibrated each year and salt usage tracked. The City collected branches and yard waste three times in 2014. Leaves were collected in the spring and fall. These materials were hauled to the compost site with leaves also being hauled to area farmers. The pollution prevention plan for the City's municipal garage site includes frequent cleaning of the catch basins, street sweeping of the facility, storing the sand and salt mixture in shed with a roof, and a truck wash clean debris from trucks.

b. Winter Road Management Activities (Optional reporting for 2014):

Provide the name, title, and phone number for the individual(s) with overall responsibility for winter roadway maintenance.

Scott Thoresen, Public Works Director, (920) 339-8095

Allen Luberd, Street Superintendent, (920) 339-8325

Describe the types of products used for winter road management (e.g. deicing, pre-wetting, salting, etc.).

The City utilizes salt brine and road salt. Salt brine is placed prior to snow and ice events.

Describe the type of equipment used to apply the products.

Equipment utilized includes the Epoke salter and tail gate salters

Report the amount of product used per month.

200 tons per winter month.

Report the snow disposal locations, if snow is hauled away.

Snow is disposed at 1081 N. Broadway and 112 Main Avenue.

Describe any anti-icing, equipment calibration, and salt reduction strategies considered.

The City has reduced salt placement over the last several years by pre-storm anti-icing and pre-wetting of salt. Equipment is calibrated each year for a maximum placement of 200 pounds per lane mile.

Describe any other additional measurable data or information that the permittee used to evaluate its winter road management activities.

City staff records the amount of salt and brine used, along with equipment and labor hours for each snow event.

c. Municipal facility(s) (Optional reporting for 2014):

Provide an inventory of municipally owned or operated structural storm water management facility(s), include: Location of each facility and contact information for the individual(s) with overall responsibility for each facility.

Describe the housekeeping activities and best management practices installed to reduce or eliminate storm water contamination.

Discuss recommendations for improvements to current storm water management practices at the facility(s) and a timeline for installation and/or implementation of these recommendations.

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 10/14)

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SECTION V. Permit Conditions (continued)

Describe the municipal facility(s) employee training on storm water pollution prevention provided.

Describe the spill prevention and response procedures in place at the municipal facility(s).

- d. Storm Water Quality Management: Has the municipality completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard? ☒ Yes ☐ No

If yes, provide the following: Model used Winslamm Version 9.2.5 Reduction (%) 33

If no, include a description of any actions the municipality has undertaken during 2014 to help achieve the 20% standard.

Has the municipality completed an evaluation of all municipal owned or operated structural flood control facilities to determine the feasibility of retrofitting to increase TSS removal?

☐ Yes ☒ No

If yes, describe:

- e. Best Management Practices Maintenance: Does the municipality have a maintenance program for installed storm water best management practices? ☒ Yes ☐ No

If yes, describe the maintenance program and any maintenance activities that have occurred for best management practices in 2014. If available, attach any additional information on the maintenance program.

All storm water management facilities will be reviewed in 2015.

- f. Storm Sewer System Map: Describe any changes or updates to the storm sewer system map made in the reporting year. Provide an updated map if any changes occurred during the reporting year.

There were minor map updates in 2014 for inlet and manhole repairs. The City has begun to update the map to show easement locations and access to storm water management facilities

SECTION VI. Fiscal Analysis

- a. Provide a fiscal analysis that includes the annual expenditures for 2014, and the budget for 2014 and 2015. A table to document fiscal information is provided on page 7.

Funding for storm water management activities is through the storm water utility. Funds from tax incremental finance districts are periodically used for constructing new regional ponds.

- b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?

☒ Storm water utility ☐ General fund ☐ Other _____

- c. Are adequate revenues being generated to implement your storm water management program to meet the permit requirements? ☒ Yes ☐ No

Please provide a brief summary of your financing/fiscal strategy and any additional information that will assist the Department in understanding how storm water management funds are being generated to implement and administer your storm water management program.

Storm water management funds are generated from a user charge for the storm water utility. The City has implemented a rate policy based on residential user equivalents (RUE's). The RUE's are determined based on the size of the parcel and land use.

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
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SECTION VII. Inspections and Enforcement Actions

Note: If an ordinance listed below has previously been submitted and has not been amended since that time, a copy does not need to be submitted again. If the ordinance was previously submitted, indicate such in the space provided.

- a. As of the date of this annual report, has the municipality updated or revised its construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit? ☒ Yes ☐ No If yes, attach copy or provide web link to ordinance:

<http://www.de-pere.org>

- b. As of the date of this annual report, has the municipality updated or revised its post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit? ☒ Yes ☐ No

If yes, attach copy or provide web link to ordinance: <http://www.de-pere.org>

- c. As of the date of this annual report, has the municipality updated or revised its illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit? ☒ Yes ☐ No If yes, attach copy or provide web link to ordinance:

<http://www.de-pere.org>

- d. As of the date of this annual report, has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.)? ☐ Yes ☒ No If yes, attach copy or provide web link to ordinance:

- e. Provide a summary of available information on the number and nature of inspections and enforcement actions conducted during the reporting period to ensure compliance with the ordinances described in a. to d. above.

The City completed 80 inspections. No enforcements were issued.

SECTION VIII. Water Quality Concerns

- a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at: <http://dnr.wi.gov/topic/surfacewater/orwerw.html>) ☐ Yes ☒ No If yes, list:

- b. Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of the most current Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/water/impairedsearch.aspx?status=303d>) ☒ Yes ☐ No If yes, complete the following:

- Impaired waterbody to which the MS4 discharges:

Ashwaubenon Creek, East River and Fox River

- Description of actions municipality has taken to comply with section 1.5.2 of the MS4 general permit for discharges of pollutant(s) of concern to an impaired waterbody:

City Streets are swept eight to ten times per year. Approximately 200 catch basins are cleaned each year. Street sweeping and catch basin debris is hauled directly to the landfill. The City is pre-wetting salt for winter spreading which helps reduce the amount of salt applied to the roadway. Trucks are calibrated each year and salt usage tracked. The City collected branches and yard waste three times in 2014. Leaves were collected in the spring and fall. These materials were hauled to the compost site with leaves also being hauled to area farmers.

- c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.

No storm water treatment facilities were added in 2014.

- d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.

Describe any proposed changes to the storm water management program being contemplated by the municipality for 2015 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

The City is planning to construct a new regional storm water management pond off of Commerce Drive in 2015. The

31088 City of De Pere
FIN / Municipality Name

Annual Report under MS4
General Permit No. WI-S050075-2
Form 3400-195 (R 10/14) Page 6 of 8

SECTION IX. Proposed Program Changes

City is having the storm water model updated in 2015. Finally, the City is planning to modify a storm water pond off of Paint Horse Trail.

SECTION X. Other

Any other additional information the permittee would like to provide in the Annual Report regarding their storm water program?

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Fiscal Analysis Table. Complete the fiscal analysis table provided below.

Program Element	Annual Expenditure 2014	Budget		Source of Funds
		2014	2015	
Public Education and Outreach	2,000	2,000	2,000	Storm Water Utility
Public Involvement and Participation	1,000	1,000	1,000	Storm Water Utility
Illicit Discharge Detection and Elimination	0	2,500	5,000	Storm Water Utility
Construction Site Pollutant Control	4,000	2,750	4,000	Storm Water Utility
Post-Construction Storm Water Management	336,885	734,681	734,749	Storm Water Utility and Tax Incremental Finance District
Pollution Prevention	695,428	681,057	674,192	Storm Water Utility
Storm Water Quality Management (including pollutant-loading analysis)	61,885	209,681	248,885	Storm Water Utility
Storm Sewer System Map	8,000	10,900	8,000	Storm Water Utility
Other:	285,100	275,000		

Attachment: ce-1-3400-195-De-Pere-2014 (3198 : Consider 2014 MS4 Permit*)

31088 City of De Pere
FIN / Municipality Name

**Annual Report under MS4
General Permit No. WI-S050075-2**

Form 3400-195 (R 10/14)

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NORTHERN REGION COUNTIES			WEST CENTRAL REGION COUNTIES		
Ashland	Langlade	DNR Service Center	Adams	Marathon	DNR Service Center
Barron	Lincoln	Attn: Storm Water Program	Buffalo	Monroe	Attn: Storm Water Program
Bayfield	Oneida	5301 Rib Mountain Rd.	Chippewa	Pepin	5301 Rib Mountain Rd.
Burnett	Polk	Wausau, WI 54401	Clark	Pierce	Wausau, WI 54401
Douglas	Price	Phone: (715) 359-4522	Crawford	Portage	Phone: (715) 359-4522
Florence	Rusk		Dunn	St. Croix	
Forest	Sawyer		Eau Claire	Trempealeau	
Iron	Taylor		Jackson	Vernon	
	Vilas		Juneau	Wood	
	Washburn		La Crosse		

NORTHEAST REGION COUNTIES			SOUTH CENTRAL REGION COUNTIES		
Brown	Marquette	DNR Northeast Region	Columbia	Jefferson	DNR South Central Region
Calumet	Menominee	Attn: Storm Water Program	Dane	LaFayette	Attn: Storm Water Program
Door	Oconto	2984 Shawano Ave.	Dodge	Richland	3911 Fish Hatchery Rd.
Fond du Lac	Outagamie	Green Bay, WI 54313	Grant	Rock	Fitchburg, WI 53711
Green Lake	Shawano	Phone: (920) 662-5100	Green	Sauk	Phone: (608) 275-3266
Kewaunee	Waupaca		Iowa		
Manitowoc	Waushara				
Marinette	Winnebago				

SOUTHEAST REGION COUNTIES		
Kenosha	Sheboygan	DNR Service Center
Milwaukee	Walworth	Attn: Storm Water Program
Ozaukee	Washington	141 NW Barstow Street,
Racine	Waukesha	Room 180
		Waukesha, WI 53188
		(262) 574-2100

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Discussion of Prohibiting Salvaging Materials Dropped Off At
Municipal Service Center*

The City currently allows residents to drop off rubbish at the Municipal Service Center (MSC) 7 AM to 7 PM Sunday through Saturday. This service was established when the City eliminated weekly curbside rubbish collection. The implementation of this service has been positive because it allows a place for residents to bring their rubbish to drop off instead of having to wait for the twice a year curbside collection which is scheduled for the week of June 1st - 4th and September 8th - 11th this year. Along with the positive come the negative. Every year since the implementation of this service, the City has allowed residents to salvage the materials from the bins. It has become apparent, that allowing residents to salvage the materials disposed of at the MSC has now created a nuisance problem with various properties throughout the City. This has resulted in regular complaints and enforcement issues with the inspections and police department. In order to reduce the nuisance problem, staff is recommending creating an ordinance that would prohibit anyone from salvaging materials from the bins at the MSC. If the BOPW approves staff's recommendation then the City Attorney will draft an ordinance to be brought before the City Council for final approval.

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Utility Conveyance of Rights to the Wisconsin Department of Transportation - STH 32/57 & CTH X*

The Wisconsin Department of Transportation (WisDOT) is preparing for the reconstruction of the STH 32/57 and CTH X intersection to a roundabout. Construction is anticipated to begin in early July and be completed at the end of the October. For the construction of the roundabout, WisDOT purchased right of way at the intersection. On the south side of the intersection, WisDOT purchased property from Belmark. The City has an easement for sanitary sewer that was on part of the property purchased. There is a very small segment of sanitary sewer located within the easement where the right-of-way was purchased by WisDOT. WisDOT requires utility owners to provide either a conveyance of rights in land or quit claim deed for utilities located in former easements for newly purchased right of way. WisDOT is requiring action for the City sewer located in easement that was within purchased right of way.

The advantage to the conveyance of rights in land form is that the City retains rights to be compensated from WisDOT if the sewer would have to be relocated in the future due to a transportation project. Form DT1660 - Conveyance of Rights in Land from WisDOT has been attached. Near the bottom of the first paragraph, the following language is included:

“provided, further, that the costs of any relocation or alteration, now or in the future, of the transmission lines, appurtenant facilities, or supporting structures when required by the GRANTEE for any reason, including accommodating future expanded or additional highway facilities on, over, under or across said land, will be paid by the GRANTEE; provided, however, that the costs of such relocation or alteration, or of the installation of new or additional facilities when done at the instance of and for the purposes of the GRANTOR, will be defrayed by the GRANTOR.”

Therefore the City (GRANTOR) will be compensated for relocating the existing sanitary sewer if required by WisDOT (GRANTEE). If the City adds new sewer facilities at this location after the right of way was required, any relocation of the new facilities will be the responsibility of the City.

Staff recommends approval of the WisDOT request for signing Form DT1660 - Conveyance of Rights in Land to WisDOT for the sanitary sewer identified on the attached right of way plat, subject to changes deemed necessary by the City Attorney.

ATTACHMENTS:

- CI-BOPW-3-2015-WisDOT-DT1660 (PDF)
- CI-BOPW-3-2015-WisDOT-RW_Plant (PDF)

Document Number CONVEYANCE OF RIGHTS IN LAND

Wisconsin Department of Transportation

Exempt from fee s.77.25(2r) Wis. Stats.

DT1660 12/2005 (Replaces ED660) s.84.09(1) Wis. Stats.

City of De Pere GRANTOR, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, grants and conveys any and all rights and interest which, by virtue of prior title, easement, license, or other legal devices, GRANTOR holds in the land described below to the State of Wisconsin, Department of Transportation, GRANTEE, for the purposes of constructing, operating, and maintaining a public highway and appurtenant facilities on, over, under, or across the said land; provided, however that GRANTOR reserves to itself the subordinate right to cross, traverse, or otherwise occupy said land with its present and future overhead or underground transmission lines, appurtenant facilities, and supporting structures in a manner consistent with the purposes of this conveyance and in a manner which will not interfere with normal highway maintenance and operation; provided, further, that the costs of any relocation or alteration, now or in the future, of the transmission lines, appurtenant facilities, or supporting structures when required by the GRANTEE for any reason, including accommodating future expanded or additional highway facilities on, over, under or across said land, will be paid by the GRANTEE; provided, however, that the costs of such relocation or alteration, or of the installation of new or additional facilities when done at the instance of and for the purposes of the GRANTOR, will be defrayed by the GRANTOR.

This conveyance shall be binding on the GRANTOR, GRANTEE, and their respective successors and assigns.

Any person named in this conveyance may make an appeal from the amount of compensation within six months after the date of recording of this conveyance as set forth in s.32.05(2a) Wisconsin Statutes. For the purpose of any such appeal, the amount of compensation stated on the conveyance shall be treated as the award, and the date the conveyance is recorded shall be treated as the date of taking and the date of evaluation.

Other persons having an interest in record in the property:
None

This space is reserved for recording data

Return to

Division of Transportation System Development
Northeast Region
Utility Unit
944 Vanderperren Way
Green Bay WI 54304

Parcel Identification Number/Tax Key Number

See Attached

Legal Description

See Attached

The undersigned certify that this instrument is executed pursuant to a resolution of the Board of Directors (or shareholders, stockholders, or members, if authorized by law) of GRANTOR corporation or cooperative.

Acknowledgement

(Grantor Name)

(Date)

(Signature)

State of

)

) ss.

County

)

(Title)

On the above date, this instrument was acknowledged before me by the named person(s).

(Print Name)

(Signature)

(Signature, Notary Public)

(Title)

(Print or Type Name, Notary Public)

(Print Name)

(Date Commission Expires)

Utility or R/W Project ID 4085-43-44

This instrument was drafted by Wisconsin Department of Transportation

R/W Parcel No. 104

Attachment: CI-BOPW-3-2015-WisDOT-DT1660 (3200 : Utility Conveyance of Rights to WisDOT*)

TRANSPORTATION PROJECT PLAT NO: 4085-43-21-4.01

ALL OF OUTLOT 1, AND PART OF LOT 1, CSM#6260, PART OF LOT 1, CSM #2549, AND PART OF FOXBOROUGH COURT CONDOMINIUM, WITHIN THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 34; PART OF LOT 1, CSM #4016, AND PART OF FOXBOROUGH COURT CONDOMINIUM, IN GOVERNMENT LOT 1, AND PART OF LOTS 5 & 6, BRIARWOOD ESTATES, IN GOVERNMENT LOT 2 OF SECTION 33; ALL LOCATED WITHIN T23N-R20E, CITY OF DE PERE, BROWN COUNTY, WISCONSIN.

RELOCATION ORDER STH 32/57 BROWN COUNTY CITY OF DE PERE, STH 32/57

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SECTION CORNER	SC
ACCESS RIGHTS	AR	(MATERIAL AS NOTED)	
ACRES	CH BRG	SET, R/W MONUMENT W/CAP	○
CHORD BEARING	CH DIS	(1/4" W/ OUTSIDE DIA. x 18")	
CHORD DISTANCE	CH DIS	IRON PIPE 1.33 LBS/FT)	
DEED	DOC	SET P.K., NAIL	△
DOCUMENT	DOC		
EAST BOUND	EB	CORPORATE LIMITS	PRW000
GAS VALVE	GV	EXISTING R/W	
INLET	IL	SECTION LINE	
LENGTH OF CURVE	L	QUARTER LINE	
MANHOLE	MH	SIXTEENTH LINE	
MONUMENT	MON	PROPOSED OR NEW R/W LINE	
NORTH BOUND	NB	PROPOSED EASEMENT LINE	
PAGE	PG	PARCEL NUMBER	00
PERMANENT LIMITED EASEMENT	PERM	UTILITY NUMBER	100
PRIVATE DRIVEWAY	PD	SIGN NUMBER	3-1
PROPERTY LINE	PL	PROPERTY LINE	PL
RADIUS	R	LOT, TIE AND OTHER MINOR	
REFERENCE LINE	REM	DASHED LINES	-----
REMAINING	REM	ACCESS RESTRICTED	.....
RIGHT OF WAY	R/W	(By Previous Project)	.....
SECTION	SEC	Control)	.....
SECTION LINE	SEC	ACCESS RESTRICTED	.....
FOUND IRON PIPE	IP	(By Acquisition)	.....
STATION	STA	NO ACCESS	.....
TEMPORARY LIMITED EASEMENT	TLE	(By Statutory Authority)	.....
TIE POINT	TIE	LIMITED EASEMENT	.....
VOLUME	VOL	(Temporary)	.....
ADJOINING LANDS	ADJ	LIMITED EASEMENT	.....
WITH SAME OWNER	WSO	(Permanent)	.....
PARALLEL TO LINE	PL		
BUILDING TO BE RAZED	BRZ		
FEE ACQUISITION	FA		
BEGIN POINT	BP		
END POINT	EP		

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD	OH
TRANSMISSION LINES	E
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
NON COMPENSABLE	NC
POWER POLE	PP
TELEPHONE POLE	TP
TELEPHONE PEDESTAL	TPD
ELECTRIC TOWER	ET

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES	T.L.E. ACRES	EXISTING ACRES
1	CITY OF DEPERE	FEE	0.121	-	-
2	FLEX, LLC	FEE	0.102	-	-
3	BC DEVELOPMENT, LLC	FEE	0.032	-	-
4	MASK, LLC	FEE	0.003	-	-
5	MARVEL J. DITTRICH	FEE	0.109	-	-
6	JANICE M. CRESS & NORD E. FISCHER	FEE	0.008	-	-
7	SAUTER DEVELOPMENT, LLC, & ETAL	FEE	0.078	-	-

RESERVE FOR CLAUSES AND NOTE INFORMATION

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

RIGHT OF WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

AREAS SHOWN IN THE TOTAL ACRES COLUMN OF THE SCHEDULE OF LANDS & INTEREST TABLE MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

COORDINATES AS SHOWN ARE NOT INTENDED TO BE USED FOR RETRACEMENT PURPOSES AND MUST BE VERIFIED WITH THE COUNTY SURVEY DEPARTMENT.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE, BROWN COUNTY, NAD OF 1983 (1990) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPANCY LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING RIGHT OF WAY WAS ACQUIRED FROM PROJECT(S): T 02-4016 & RECORDED CSMs/SUBDIVISIONS

EXISTING ACCESS CONTROL WAS ACQUIRED UNDER PROJECT(S)/DOC.#: T 02-4016

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE TO PREVENT EROSION OF THE SOIL. ALL TLES ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE TO PREVENT EROSION OF THE SOIL, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHT TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO DEPARTMENT OF TRANSPORTATION.

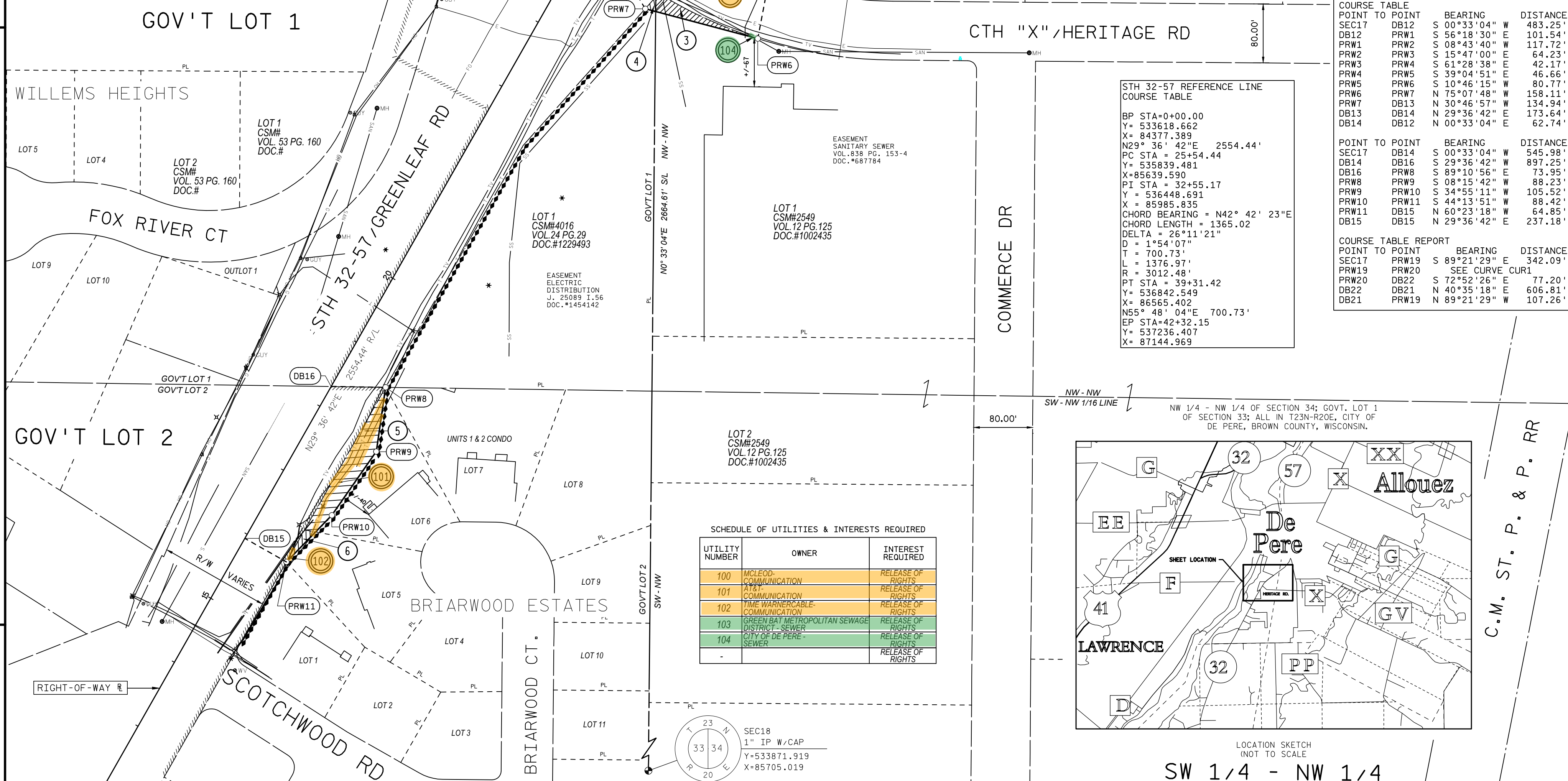
FEE SIMPLE TO ALL THOSE EXISTING LANDS OF THE GRANTOR CURRENTLY USED FOR HIGHWAY PURPOSES, DESIGNATED AS EXISTING RIGHT OF WAY, WHETHER ACQUIRED BY SEPARATE CONVEYANCE OR OTHERWISE, BOUND BY THE TRAVERSE OF THE COURSE TABLE OF NEW RIGHT OF WAY AS SHOWN ON THE SAID TRANSPORTATION PROJECT PLAT.

I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095, WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

JON L. HERBEL
PRINTED NAME
04/04/2014
DATE

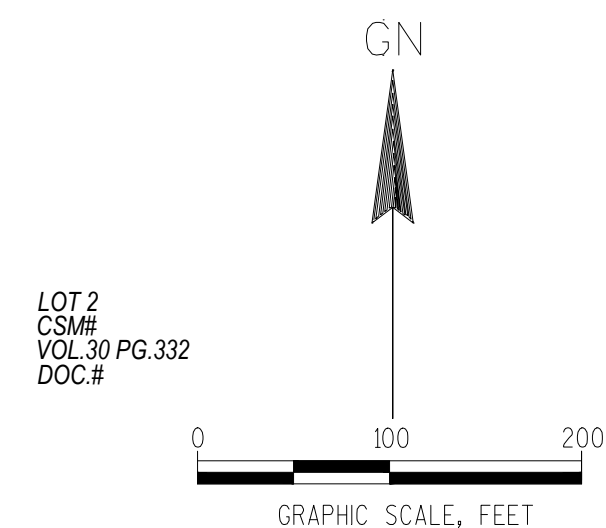
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

CURT VAN EREM
PRINTED NAME
04/04/2014
DATE



2663336
CATHY WILLIQUETTE LINDSAY
BROWN COUNTY RECORDER
GREEN BAY, WI
RECORDED ON
04/08/2014 11:30 AM
REC FEE: 25.00
EXEMPT #
PAGES: 1

RESERVE FOR REGISTER OF DEEDS
PROJECT NUMBER 4085-43-21 - 4.01
AMENDMENT NUMBER:...



NW 1/4 - NW 1/4

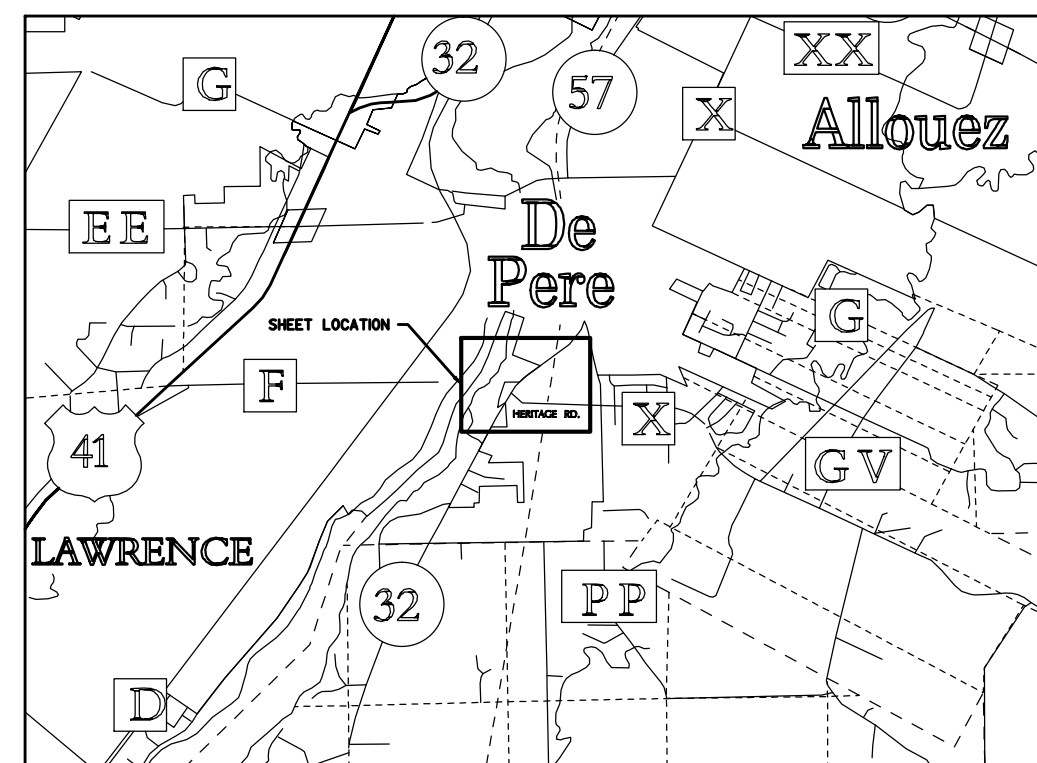
CURVE	CH. DISTANCE	CH. BEARING	RADIUS	ARC LENGTH	PI COORDINATES
CUR1	568.80'	S39°26'21"W	2985.93'	569.66'	Y: 536330.22' X: 85871.03'

COURSE TABLE	POINT TO POINT	BEARING	DISTANCE
SEC17	DB12	S 00°33'04" W	483.25'
DB12	PRW1	S 56°18'30" E	101.54'
PRW1	PRW2	S 08°43'40" W	117.72'
PRW2	PRW3	S 15°47'00" E	64.23'
PRW3	PRW4	S 61°28'39" E	42.17'
PRW4	PRW5	S 39°04'51" E	46.66'
PRW5	PRW6	S 10°46'15" W	80.77'
PRW6	PRW7	N 75°07'48" W	158.11'
PRW7	DB13	N 30°46'57" W	134.94'
DB13	DB14	N 29°36'42" E	173.64'
DB14	DB12	N 00°33'04" E	62.74'

POINT TO POINT	BEARING	DISTANCE
SEC17	DB14	S 00°33'04" W 545.98'
DB14	DB16	S 29°36'42" W 897.25'
DB16	PRW8	S 08°10'56" E 73.95'
PRW8	PRW9	S 08°15'42" W 88.23'
PRW9	PRW10	S 34°55'11" W 105.52'
PRW10	PRW11	S 44°13'51" W 88.42'
PRW11	DB15	N 60°23'18" W 64.85'
DB15	DB15	N 29°36'42" E 237.18'

COURSE TABLE REPORT	POINT TO POINT	BEARING	DISTANCE
SEC17	PRW19	S 89°21'29" E	342.09'
PRW19	PRW20	SEE CURVE CUR1	
PRW20	DB22	S 72°52'26" E	77.20'
DB22	DB21	N 40°35'18" E	606.81'
DB21	PRW19	N 89°21'29" W	107.26'

STH 32-57 REFERENCE LINE	COURSE TABLE
BP STA=0+00.00	
Y= 33518.662	
X= 84377.389	
N29° 36' 42"E 2554.44'	
PC STA = 25+54.44	
Y= 535839.481	
X= 85639.590	
PT STA = 32+55.17	
Y= 536448.691	
X= 85985.835	
CHORD BEARING = N42° 42' 23"E	
CHORD LENGTH = 1365.02	
DELTA = 26°11'21"	
D = 1°54'01"	
T = 700.73'	
L = 1376.97'	
R = 3012.48'	
PT STA = 39+31.42	
Y= 536842.849	
X= 86565.402	
N55° 48' 04"E 700.73'	
EP STA=42+32.15	
Y= 537236.407	
X= 87144.969	



SW 1/4 - NW 1/4

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Civic Group Plaque Policy for City Welcome Signs

At the November 10th, 2014 Board of Public Works, we had a discussion regarding the placement of civic group plaques on the City's two welcome signs. A copy of the original memo is attached. Based on that discussion, staff was instructed to create a policy for addressing the request of placement of plaques on the City's two welcome signs.

Staff has created an application, policy, plaque standard and exhibit to address future plaque placement based on the discussion. These items are included in the packet.

An application has been created for the placement of plaques. An installation fee of \$100 has been established to cover the cost of installation. The form will be reviewed and approved by the Director of Public Works.

The policy will be included with the application packet. The policy provides detailed information to applicants. The policy is based on the City's banner policy and discussion at the Board. The policy in its entirety is included below:

I. PURPOSE

The City hereby establishes limited public forums via the placement of plaques for the sole purpose of publicizing civic groups active in the City. The City expressly declines to designate any of the locations identified in this policy as 'traditional' public forums. The City finds that, in order to protect the public interest in maintaining the aesthetics of the City and in the interest of promoting the City and its civic vitality, it is in the public interests to establish this policy. This policy specifically applies to the two welcome signs located at Bicentennial Park on the west side and STH 32/57 and Bomier Street on the east side.

II. PLAQUES ON CITY WELCOME SIGNS***Application***

- 1. All requests for the placement of civic group plaques on the City's welcome sign shall be made to the Director of Public Works (the Director). Final approval shall be*

- made by the Director. The applicant shall comply with any updated signing standards created after this policy is established.*
2. *The Director shall review the application. If any request fails to meet any of the requirements of this policy, the Director shall deny the request.*
 3. *A \$100 application installation fee shall accompany the application. The fee applies to new sign installations.*
 - i. *There is no fee for signs replaced due to fading.*
 - ii. *There is no fee if the City rearranges existing signs.*
 - iii. *If the new sign installation is not approved, the fee will be returned.*

B. Requirements

1. *Approval of plaque will be restricted to the following:*
 - (a) *Plaque placement shall be for civic organizations existing and active within the corporate limits of the City. For the purposes of this policy, a civic organization is defined as an association, society or group which includes one or more city non-profit organizations; active is defined as a completing at least one activity for the benefit of the community on a yearly basis.*
2. *Applications shall be accepted on a first come-first served basis.*
3. *In the event that the City welcome signs are full, new plaques will not be added until another civic group plaque is removed or a new welcome sign is created allowing for additional space.*
4. *The Director reserves the right to remove civic group signs as follows:*
 - (a) *The civic group is no longer located in the City.*
 - (b) *A civic group is no longer active in the City as defined above.*
5. *Prior to removing a sign, the Director will direct City staff to contact to contact the civic group in question. Staff will report back to the Director on the status of the group. If the Director decides to remove the civic group, City staff will remove the plaque and return to the civic group. If the civic group does not want the plaque, City staff will dispose of the plaque*
6. *Plaques shall not bear the name or likeness of any alcohol beverage, tobacco product or contain images or sayings which, in the opinion of the Director, are offensive.*
7. *The design or aesthetics of the plaque shall not conflict with the historic character of De Pere's Historic Downtown as determined in the reasonable discretion of the Director.*
8. *All plaques shall be constructed of a material conforming to City sign standards.*

IX. PLACEMENT/REMOVAL OF SIGNS

- A. *When new plaques are approved, the civic group will supply the plaque to the City. The plaque size shall conform to City standards established for the other civic group plaques on the City's sign. The plaque shall be installed by City staff. The civic group is responsible for the cost of the plaque. The City will install the plaque at City cost. This cost is included in the application fee.*
- B. *All plaques shall be erected and removed only by City of De Pere employees. If plaques become deteriorated and/or faded, the Director shall notify the Civic group of the issue. The Civic group will be given one month to repair or replace the plaque. If the plaque is not repaired or replaced, the City reserves the right to remove the plaque.*

The plaque sized has been set to a 30” diameter. This matches the size of the existing round plaques on the City’s welcome sign. The material of the plaques matches the City’s sign standard.

Finally, the ultimate plaque layout on the City’s welcome sign is included. Under the final layout, all signs will need to be changed to the 30” diameter round signs. An interim sign layout has been included that will permit the temporary addition of future plaques.

Staff recommends approval of the application, policy, plaque standard, and plaque layout.

ATTACHMENTS:

- CI-BOPW-3-2015-Application-Civic Group Plaque (DOCX)
- CI-BOPW-3-2015-Civic_Group_Sign_Policy (DOC)
- CI-BOPW-3-2015-De Pere_Sign_Standard (DOCX)
- De Pere Civic Group Signs (PDF)
- CI-BOPW-11-10-2014-Civic_Group_Signs (DOCX)
- CI-BOPW-11-10-2014-Signs_Pictures (DOCX)

Application for Civic Group Plaque on City Welcome Sign

3.10.a

ADDRESS: _____

PHONE: _____

EMAIL: _____

By signing this Application Request form, Requestor hereby certifies and agrees that:

1. He/she has the authority of _____ to sign this application on behalf of
Name of group
_____ and to bind _____
Name of group Name of group

To the obligations contained herein.

2. A \$100.00 application installation fee shall be included with the application. The fee applies to new sign installations. If the new sign installation is not approved, the fee will be returned.
3. Requestor shall save and hold the City of De Pere and its officials, officers and employees harmless from any and all injury that may occur to any party as the result of employees harmless from any and all injury that may occur to any party as the result of activities described herein. This provision is intended to indemnify and hold harmless the City of de Pere to the fullest extent permitted by law and includes the payment of reasonable attorney fees for the defense of any claims brought which can fairly be said to be under the intent and purpose of this hold harmless agreement.
4. Requestor understands that use of the Welcome Sign for its plaque confers with it no property rights or interests and that, because the property is public property, the use of the welcome sign may be revoked at any time.
5. Requestor has read and agrees to the City of De Pere's Civic Group welcome Sign Policy.

Approved:

DATE: _____

Scott Thoresen, Director Public Works

Print Name

Name of Civic Organization

**CITY OF DE PERE
CIVIC GROUP WELCOME SIGN POLICY
(3/2015)**

I. PURPOSE

The City hereby establishes limited public forums via the placement of plaques for the sole purpose of publicizing civic groups active in the City. The City expressly declines to designate any of the locations identified in this policy as ‘traditional’ public forums. The City finds that, in order to protect the public interest in maintaining the aesthetics of the City and in the interest of promoting the City and its civic vitality, it is in the public interests to establish this policy. This policy specifically applies to the two welcome signs located at Bicentennial Park on the west side and STH 32/57 and Bomier Street on the east side.

II. PLAQUES ON CITY WELCOME SIGNS

A. Application

1. All requests for the placement of civic group plaques on the City’s welcome sign shall be made to the Director of Public Works (the Director). Final approval shall be made by the Director. The applicant shall comply with any updated signing standards created after this policy is established.
2. The Director shall review the application. If any request fails to meet any of the requirements of this policy, the Director shall deny the request.
3. A \$100 application installation fee shall accompany the application. The fee applies to new sign installations.
 - i. There is no fee for signs replaced due to fading.
 - ii. There is no fee if the City rearranges existing signs.
 - iii. If the new sign installation is not approved, the fee will be returned.

B. Requirements

1. Approval of plaque will be restricted to the following:
 - (a) Plaque placement shall be for civic organizations existing and active within the corporate limits of the City. For the purposes of this policy, a civic organization is defined as an association, society or group which includes one or more city non-profit organizations; active is defined as a completing at least one activity for the benefit of the community on a yearly basis.
2. Applications shall be accepted on a first come-first served basis.
3. In the event that the City welcome signs are full, new plaques will not be added until another civic group plaque is removed or a new welcome sign is created allowing for additional space.
4. The Director reserves the right to remove civic group signs as follows:
 - (a) The civic group is no longer located in the City.
 - (b) A civic group is no longer active in the City as defined above.
5. Prior to removing a sign, the Director will direct City staff to contact to contact the civic group in question. Staff will report back to the Director on the status of the group. If the Director decides to remove the civic group, City staff will remove the plaque and return to the civic group. If the civic group does not want the plaque, City staff will dispose of the plaque
6. Plaques shall not bear the name or likeness of any alcohol beverage, tobacco product or contain images or sayings which, in the opinion of the Director, are offensive.
7. The design or aesthetics of the plaque shall not conflict with the historic character of De Pere's Historic Downtown as determined in the reasonable discretion of the Director.
8. All plaques shall be constructed of a material conforming to City sign standards.

IX. PLACEMENT/REMOVAL OF SIGNS

- A. When new plaques are approved, the civic group will supply the plaque to the City. The plaque size shall conform to City standards established for the other civic group plaques on the City's sign. The plaque shall be installed by City staff. The civic group is responsible for the cost of the plaque. The City will install the plaque at City cost. This cost is included in the application fee.
- B. All plaques shall be erected and removed only by City of De Pere employees. If plaques become deteriorated and/or faded, the Director shall notify the Civic group of the issue. The Civic group will be given one month to repair or replace the plaque. If the plaque is not repaired or replaced, the City reserves the right to remove the plaque.

CITY OF DE PERE SIGN STANDARD

SIZE: 30" Diameter

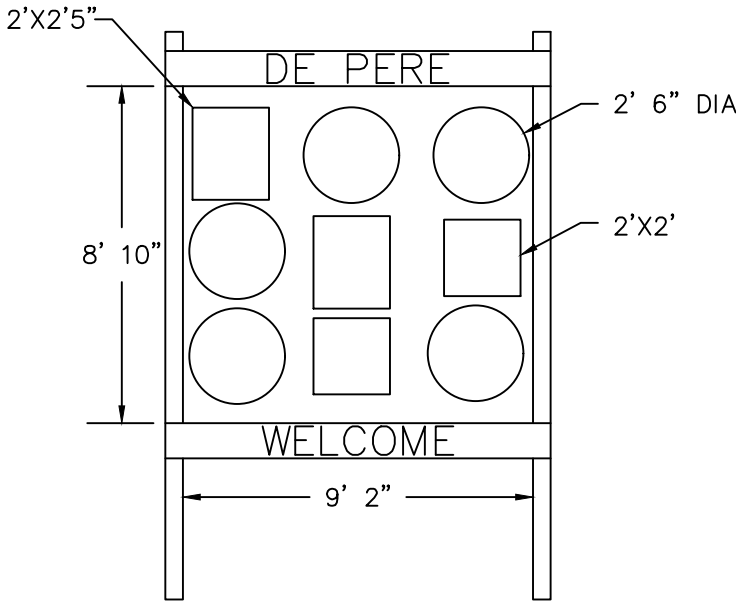
ENGINEER GRADE SHEETING: 7-8 mil

HIGH INTENSITY PRISMATIC SHEETING: 9-11 mil

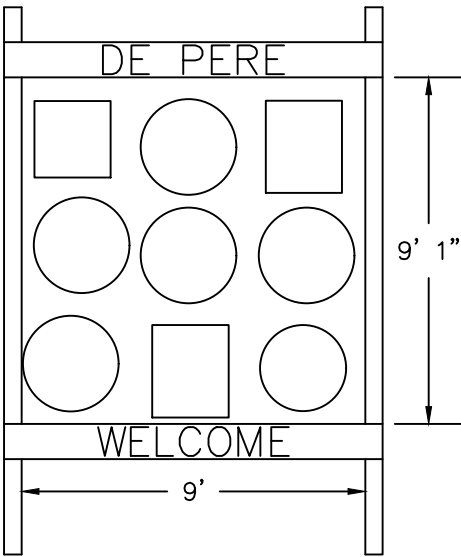
ELECTROCUT FILM: 5-6 mil

ROAD SIGN THICKNESS: .080 Aluminum

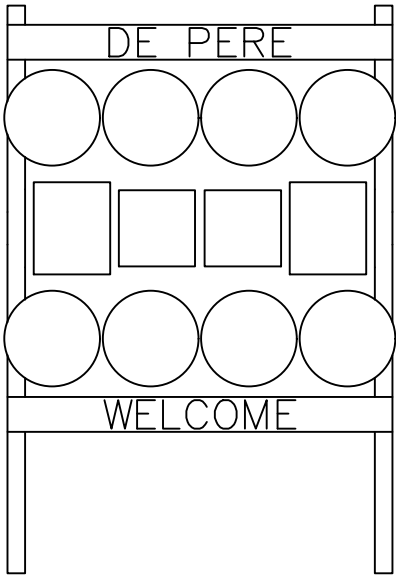
WEST SIDE EXISTING
STH 32/57 AND BOMIER ST



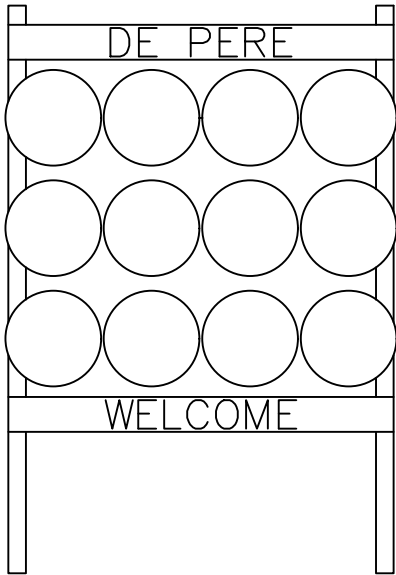
EAST SIDE EXISTING
BICENTENNIAL PARK



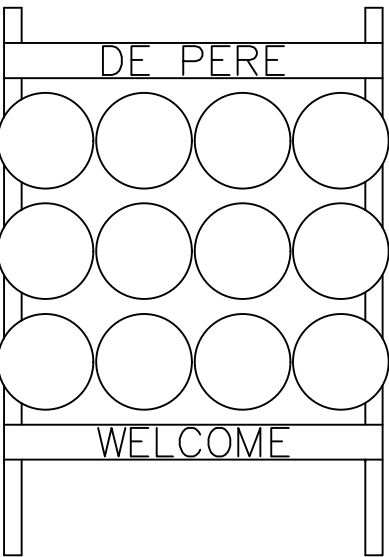
WEST SIDE
TEMPORARY
EXPANSION



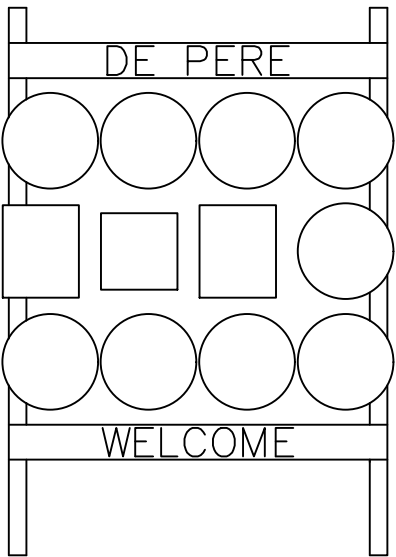
WEST SIDE
PROPOSED



EAST SIDE
PROPOSED



EAST SIDE
TEMPORARY
EXPANSION



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

DE PERE CIVIC GROUP SIGNS

NAME: De Pere Civic
Group Signs

	BY	DATE
SURVEYED		
DRAWN	MPJ	01-2015
DESIGNED		
CHECKED		

REVISIONS / ISSUES				
NO.	DATE	BY	REMARKS	

City of De Pere

Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works
From: Eric Rakers, P.E., City Engineer
Date: November 4, 2014
Subject: Discussion on Civic Group Signs

There are two civic group signs in the City. One sign is located on the west side near Bicentennial Park, and the other on the east side on STH 32/57 just north of Bomier Street. Each sign contains nine smaller civic group signs. Staff has been contacted by the De Pere's Women Group to place their civic group sign on the larger sign (See attached). The challenge is that there is no space on the signs as exists today.

Staff conducted research on the signs. A permit to locate the sign on the west side was issued by the Wisconsin Department of Transportation (WisDOT) in 1980. A permit was issued by WisDOT on October 12, 1978. Both signs appear to have been installed by the De Pere Lions Club. The City is listed as the current owner of both signs. Information on the permitting is attached. In reviewing the signs with staff, the City has been supplied with the individual civic group signs and City staff has placed the signs on the large sign.

Staff is requesting input from the Board on how to proceed with the sign request. There are several options that could be considered:

- (1) Do nothing until another civic group sign is removed.
- (2) Require all groups to provide smaller signs.
- (3) Enlarge the sign on the west by lowering the bottom of the sign. Note that the east sign cannot be modified by lowering (too low) or raising (overhead power lines).
- (4) Create a new sign. Note that a style will need to be determined. This has not been budgeted.
- (5) Remove the large sign and do not replace.

There may be other options to those identified above.

Any major modifications to the existing signs will require approval from the Wisconsin Department of Transportation.

Attachment: CI-BOPW-11-10-2014-Civic_Group_Signs (3199 : Consider Civic Group Plaque Policy)



Memorandum

To: Board of Public Works
From: Eric Rakers
Re: Civic Group Signs
Date: November 4, 2014



West Side Sign in Bicentennial Park

Attachment: CI-BOPW-11-10-2014-Signs_Pictures (3199 : Consider Civic Group Plaque Policy)



East Side Civic Group Sign at STH 32/57 and Bomier Street

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: March 9, 2015

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Sidewalk Width Policy

Background

The City has established a standard sidewalk width of five feet. All new sidewalk is to be constructed to this width. The previous sidewalk width standard was 4 feet 8 inches (4.67 feet). This width is found in the majority of older areas of the City.

Recent City practice has been as follows:

- New sidewalk constructed by City contractors is five feet wide.
- New sidewalk for new home construction is to be five feet wide.
- Sidewalk repairs in areas where existing sidewalk is 4.67 feet is replaced at the same width.

Problems occur periodically where new sidewalk is constructed for new home construction in an area where the sidewalks installed on either side are constructed at 4.67 feet. Additionally, on certain City projects, residents have requested that the City contractor install sidewalk at 4.67 feet because the sidewalk on either side is 4.67 feet.

Purpose

The purpose for this memo is to create a policy to better define when new or replaced sidewalk is to be constructed to five feet.

There are several references on recommended sidewalk widths to review the warrant the current standard of five feet. Two are presented below.

Modifications to the American with Disability Act (ADA) continue to occur. The latest set of revisions was issued in 2010. These modifications impact City standards. The Federal Highway Administration (FHWA) has issued design practices based on the ADA requirements. Part of Chapter 4 has been included for reference. Specifically, Chapter 4.3.3 states:

"The widths of sidewalks not only affect pedestrian usability but also determine the types of access and other pedestrian elements that can be installed. For example,

a 1.525-m (60-in) sidewalk is probably wide enough to accommodate pedestrian traffic in a residential area, but a much wider sidewalk would be necessary to include amenities such as street furniture or newspaper stands.”

Additionally, this section states:

Although most guidelines require sidewalk design widths to be at least 1.525 m (60 in) wide, larger design widths can accommodate more pedestrians and improve ease of access. The AASHTO Green Book, the Oregon Department of Transportation guidebook, and other guidelines recommend wider design widths in areas with high volumes of pedestrians. The sidewalk width often depends on the type of street. In general, residential streets have narrower sidewalks than commercial streets.”

The Wisconsin Department of Transportation requires a minimum sidewalk width of five feet. Attached is an excerpt from the Facilities Development Manual, Chapter 11-46. Section 5.2.1 Sidewalks, states the following:

“Minimum sidewalk width is 5 feet if adjacent to a terrace that is at least 3-feet wide.”

In the FHWA and WisDOT documents, both refer to sidewalk width greater than five in areas of higher pedestrian use.

An additional component specifically related to the City is that the Code allows bicycle use on sidewalks. Section of 150-6 discusses use of bicycles on sidewalks as follows:

Sec. 150-6. - Operation of vehicles on sidewalks.

- (a) *Prohibited operation generally. No person shall operate any vehicle on any sidewalk in the city except play vehicles and bicycles as defined in subsection (b) of this section, and provided that the operator, when approaching any pedestrian, shall yield the right-of-way to such pedestrian*

Allowing both pedestrian and bicycles on sidewalks warrants a minimum standard of five feet.

The City has established a sidewalk maintenance program where the City is separated into eight different sections. Each year, a different section is reviewed by City Staff and orders are sent to property owner to repair sidewalks. Many times, repairs consist of one or two five foot slabs of concrete. Repairing individual concrete slabs to a five foot width when both adjacent slabs are 4.67 feet would present a checkered pattern that residents may oppose. The goal is to balance the need to widen sidewalks in older areas with the challenges of the existing widths.

Recommendations

Staff recommendation is to establish a sidewalk width policy as follows:

- All sidewalks installed for new construction will be installed at a five foot width, even if

the adjacent properties have a sidewalk width of 4.67 feet.

- Existing sidewalk replacement, where a minimum of 50 continuous feet is being replaced, will be constructed to a five foot width. The continuous footage is independent of lot lines, such that if 30 feet is on one parcel, and 20 feet is on another, both property owners will need to install five foot wide sidewalk.
- Existing sidewalk replacement, where one side of the slab is adjacent to sidewalk with a five foot width will be constructed to a five foot width.
- Existing sidewalk replacement, in which less than 50 continuous feet of sidewalk is being replaced will be constructed to match the widest adjacent sidewalk.

Transitions from the 4.67 feet to five will be made by matching the back of the sidewalk, and adding the four inches to the street side of the sidewalk.

ATTACHMENTS:

- CI-BOPW-Sidewalk_Width-Reference-FHWA(DOCX)
- CI-BOPW-Sidewalk Width-Reference-WisDOT (DOCX)

Federal Highway Administration

Bicycle & Pedestrian

Chapter 4 – Sidewalk Design Guidelines and Existing Practices

4.3.3 Width

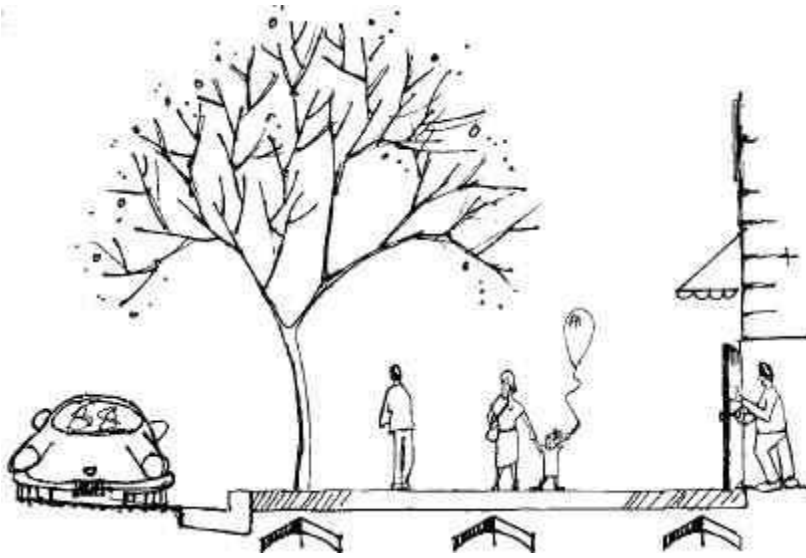
The widths of sidewalks not only affect pedestrian usability but also determine the types of access and other pedestrian elements that can be installed. For example, a 1.525-m (60-in) sidewalk is probably wide enough to accommodate pedestrian traffic in a residential area, but a much wider sidewalk would be necessary to include amenities such as street furniture or newspaper stands. Design width is defined as the width specification the sidewalk was intended to meet; it extends from the curb or planting strip to any buildings or landscaping that form the opposite borders of the sidewalk. Minimum clearance width is defined as the narrowest point on a sidewalk. An inaccessible minimum clearance width is created when obstacles such as utility poles protrude into the sidewalk and reduce the design width. A reduction in the design width could also create a minimum clearance width.

Although most guidelines require sidewalk design widths to be at least 1.525 m (60 in) wide, larger design widths can accommodate more pedestrians and improve ease of access. The AASHTO Green Book, the Oregon Department of Transportation guidebook, and other guidelines recommend wider design widths in areas with high volumes of pedestrians. The sidewalk width often depends on the type of street. In general, residential streets have narrower sidewalks than commercial streets.

The guidelines and recommendations that were reviewed for minimum clearance width are included in Tables 4-2.1 through 4-2.4 at the end of this chapter. Most of the guidelines reviewed concur with ADAAG, which specifies that the minimum passage width for wheelchairs should be 0.815 m (32 in) at a point and 0.915 m (36 in) continuously (ADAAG, U.S. Access Board, 1991). Additional width is necessary for turning and maneuvering.

The width of the sidewalk is also affected by pedestrian travel tendencies. Pedestrians tend to travel in the center of sidewalks to separate themselves from the rush of traffic and avoid street furniture, vertical obstructions, and other pedestrians entering and exiting buildings. Pedestrians avoid the edge of the sidewalk close to the street because it often contains utility poles, bus shelters, parking meters, sign poles, and other street furniture. Pedestrians also avoid traveling in the 0.610 m (24 in) of the sidewalk close to buildings to avoid retaining walls, street furniture, and fences (OR DOT, 1995). The sidewalk area that pedestrians tend to avoid is referred to as the shy distance. Taking into account the shy distance, only the center 1.830 m (6 ft) of a 3.050-m (10-ft) sidewalk is used by pedestrians for travel, as shown in Figure 4-7. Thus, the effective width of a sidewalk, not the design width, constitutes the sidewalk area needed to accommodate anticipated levels of pedestrian traffic.

Figure 4-7: Most pedestrians prefer to travel in the center of the sidewalk.



When right-of-way is acquired for sidewalk construction, it is important that adequate width be included to make the facility accessible. If sidewalks are not currently included, the agency responsible for sidewalk construction might consider purchasing additional right-of-way to anticipate future construction. When improving existing facilities, designers should consider purchasing additional right-of-way or narrowing the vehicle portion of the roadway.

Wisconsin Department of Transportation

Facilities Development Manual

Chapter 11-46 Complete Streets Guidance

Section 5.2.1 Sidewalks

Sidewalks on both sides of urban cross-section streets are standard treatments on all federal or state-funded projects (on the state highway system and local road system). It is most practical and cost-effective to incorporate sidewalks when the street is newly constructed or reconstructed.

Generally, sidewalks are placed higher than the curb top and sloped to drain toward the street. Changes in level are vertical elevation differences between adjacent surfaces and are generally not to exceed 0.5 inches (i.e. gutter flow line to top of curb cut for curb ramp installation). Changes in level are important in the sidewalk environment, especially to impaired users.

Minimum sidewalk width is 5 feet if adjacent to a terrace that is at least 3-feet wide.

Minimum sidewalk width is 6 feet if adjacent to a terrace that is less than 3-feet wide. In this case, there will not be enough room within the terrace to place signs, utility poles, light poles, hydrants, or other fixed objects.

Provide wider sidewalk if any of the following conditions apply:

- Higher pedestrian traffic is anticipated such as in a town center area or central business district.
- There are signs, utility poles, light poles, hydrants, or other fixed objects that intrude into the pedestrian zone.
- Angle parking is used and the vehicle overhang intrudes into the pedestrian zone (note: angle parking is not allowed except in certain limited situations – see FDM 11-20-1.6.1).