



Board of Public Works

Regular Meeting

335 South Broadway
De Pere, WI 54115
<http://www.de-pere.org>

Agenda

Monday, May 8, 2017

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 **May 8, 2017** 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
2. Public Hearing to Levy Special Assessments
 - A. Notice of Public Hearing
 - B. Recommendation from the Board of Public Works
 - C. Final Resolutions Authorizing Levying Special Assessments for Storm Sewer Main and/or Laterals
 1. Resolution BOPW 17-01, Final Resolution Authorizing Levying Special Assessments for Storm Sewer and/or Laterals on Project 17-02 Huron Street Reconstruction and Utility Relay.
 2. Resolution BOPW 17-02, Final Resolution Authorizing Special Assessments for Storm Sewer and/or Laterals on Project 17-01 Sewer and Water Relay and Street Resurfacing, East and West Vista Circle.
 3. Resolution BOPW 17-03, Final Resolution Authorizing Levying Special Assessments for Storm Sewer and/or Laterals on Project 17-01 Sewer and Water Relay and Street Resurfacing, Helena Street.
 4. Resolution BOPW 17-04, Final Resolution Authorizing Levying Special Assessments for Storm Sewer and/or Laterals on Project 17-01 Sewer and Water Relay and Street Resurfacing, Erie Street.

II. Public Comment

III. Items

1. Approval of the Board of Public Works April 10, 2017 Meeting Minutes.
2. Consider Board of Public Works Vice Chairperson.
3. Consider Award for Proposal for Main Avenue and Lawrence Drive Roundabout.*
4. Consider Options for Replacing Reid Street Banner Poles.*
5. Consider Swan Road Extension Agreement between the City of De Pere and the Green Bay Metropolitan Sewerage District.*
6. Discuss Railroad Crossing Repairs.

7. Consider 2017 Sidewalk Repair Orders.
8. Consider Award of Contract Project 17-05 Sidewalk, Curb, and Concrete Pavement Repair.*

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 May 8, 2017 so that arrangements can be made.

Agenda Sent To:
MAYOR

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KYLE R BRITTNACHER

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MICHAEL L & LINDY G BETHKE

RENWEN YU

WEST DEPERE SCHOOL DISTRICT OF

JANET A NOLAN

DENISE KRAUSE

HENRY P VAN NOIE

TIMOTHY P FRITSCH

DANIEL W VAN DEN ELZEN

GERALD BATTEN

JAMES A & PATRICIA K ENG

JAMES T & CHARLOTTE A KUEHNI

HEIDI J PHILLIPS

DAVID D BAETEN

LUKE D SIGL

JT ENGINEERING, INC.

JAMES C & DIANNE L BRIGGS

MARY E DEYOUNG

DANIEL P & LYNN M CROOKS

STEVEN M & VALERIE A

HENDRICKS

THOMAS E & BERNICE J MOORE
III

JOHN F & JERE A SUTTON

VICTORIA D SMITH

MATTHEW D LIEBERGEN

CARL VANDE HEI

JASON G & RENAE A MASCHKE

ROBERT D & LISA M TOLLEFSON

TERRANCE R RYSTROM

RANDY J KLIMENT

JEFF A & NATALIE E MITCHELL

BRIDGIT A COURTURE

TONY C & SHEILA H KRYSTOFF

KATHRYN A DORCAS

CHRISTOPHER W & CAROL M
DEQUAINE

MARK F & SUZANNE L GERRITS

RYAN P & MICHELLE L GOOD

DENNIS L & MARY J GRAHAM

LTF INVESTMENTS LLC

DANIEL M & TERESA L JAUQUET

LTF INVESTMENTS LLC

MATTHEW R KAPINOS

MICHAEL COPPENS

MATTHEW R & JESSICA M PETTY

PHILIP L FISETTE

PHILIP R BROCHOCKI
MICHAEL R & THERESA A
VANDERLEEST
MARK E & ROBERTA S THIRY
BRAD W & AMY L CAVIL
MARK W & TERRIE A KUSSOW
FRANCIS W & CHERYL A VLIES
JARED J MILLER
DALE J & PATRICIA A DEDERICH SR
ELIZABETH N JURECKI
CF & SS LLC
NICHOLAS J & CASSANDRA J
HOLSTEAD
WEST DEPERE SCHOOL DISTRICT
ALEX A RUSCH
DAVID L & ANN M GUELIG
JOHN M & SHOSHANNA R SMYSER
ROY T & LUANN M WOODLAND
TINA M PARINS
RYAN J KUHN & ASHLEY L WOODLAN-
KUHN
JILL M MOODY
JOSEPH P & JODI M BERGNER JR
KAY A PAITER
LLOYD J & CAROL J BRAZEAU
NICHOLAS G EVENSON
DONALD R & DONNA K BOONE
LANCE A & SHANNA L KOLTZ
DARRELL/NANCY HENDRICKS
SUSAN M MOREAU
JAMES BRUSOE
THOMAS J WHALEN
DANIEL R & MELISSA M VERBOORT
NORMAN H & NANCY A PAWELCZYK
CHRISTINA B FEIRO
ROBERT J & MEGAN J WURM
GARY J HUCEK
JAY R COOK & LINDA M KLEIN
MICHELLE K NYSON
WILLIAM & MARY JO DIEDRICK
ROBERT S & PAMELA J MATHEWSON
MARK J & CELENE A LAUER
PHILIP W RICKERT

MARY LOGGHE
PHILLIP W MULLINS JR
BRANDIN T & SARAH R COLLINS
TIMOTHY J FAUST
CHARLES P TROTTI III
EILEEN M LONGLAIS
CHRISTINA M PARKER
JUSTIN M BALLARD
KATHLEEN A FENNESSY
DENNIS E & SHIRLEY M PENASA
GORDON F & KATHY A
CHEVALIER
MICHAEL T SPREDEMANN
CR REAL ESTATE LLC
GREGORY P & CHRISTINE A
GORST
SHAWN M CARTER
JEFFREY J & LISA A RADTKE
DANIEL VANDEN BERG ETAL
KAREN STERNKOPF
CYNTHIA J VAN BEEK
JAMES H & JULI K CONSTINE JR
ANDREW W & KATHERINE A
MAYER
DAWN L PEDERSON
KRISTINA L KRAUS
JOSEPH W & SUSAN M WELLENS
MILFRED J & MARGARET M
MANNING LE
REBECCA L WALL
MARY JO LEY
RAYMOND J WEIGEL
JILL A MAROHL
SHARON R THORNE
DANIEL D MOORE
PETER J LARSEN
CODY FONTAINE
CHRISTOPHER A SCHROEDER
DENNIS L & MARY J GRAHAM
SCOTT M & KIM L PANSIER
BRIAN A & RACHEL A SAGRILLO
SUSAN M HARRIS
HOLLY M MJELDE
SHERI L WATERMOLEN

DIXON P SCHWARZ & SAMANTHA A
TLACHAC

ANTHONY R & JANE M REGAZZI

CHARLES & BARBARA OTT

AMY SHADIAN

DAVID A SCHULDT

PAUL A & MARY ANN KRAMER

JEREMY J & ANNA D MANZETTI

DANIEL J & LAUREN E GILANYI
GOEFFREY G & KATHERINE A
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JASON M & HEATHER S
PETERSON

KENNETH A NIER

ALI BRI PROPERTIES LLC

MAUREEN A RIORDAN
JONATHAN D & AMANDA K
SUSEK

DANIEL R & NICKI S MARTIN

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: May 8, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Resolution BOPW 17-01, Final Resolution Authorizing Levying Special Assessments for Storm Sewer and/or Laterals on Project 17-02 Huron Street Reconstruction and Utility Relay.

The purpose for this item is to approve a final resolution for special assessment for storm sewer and/or storm lateral construction associated with street reconstruction in 2017.

Background

The City is reconstructing Huron Street, from George Street to Ridgeway Boulevard in 2017. Because of this, storm sewer laterals are being installed to properties within the corridor. The installation of storm laterals conforms to the City Municipal Code Section 26-5-5 (b) which states:

(1) Installation. Storm sewer main and lateral installation to each lot of record shall be constructed at the time of street reconstruction in those streets which do not have storm sewer. The location of the lateral installation shall be as determined by the city engineer or designee.

Assessments for these services were calculated per Code Section 13-7.

As calculated per Code Section 13-7 and approved by the BOPW, the costs for the 2017 storm sewer special assessment is as follows:

- Residential Properties
 - Storm Lateral Assessment - \$1749.92 per each
 - Storm Main Assessment - \$400.85 per parcel
- Non-Residential Properties
 - Storm Main Assessment - \$8.56 per foot of parcel frontage
 - Storm Lateral Assessment – 6” – \$2,024.08 per each
 - Storm Lateral Assessment – 8” – \$2,070.85 per each
 - Storm Lateral Assessment – 12” – \$2,314.35 per each

The locations impacted by storm sewer assessments include:

- Huron Street – George Street to Ridgeway Boulevard.

Property owners have been notified several times of this project including:

- July 19, 2016 – Letter Regarding Planned 2017 Construction
- January 20, 2017 – Letter and City Public Information Meeting
- March 9, 2017- Letter Notifying of Board of Public Works Meeting
- April 10, 2017 - Preliminary Resolution
- April 27, 2017 – Letter Notification for Public Hearing

Code Section 13-7 d. further identifies procedures and pay options for the storm sewer special assessments as follows:

- d. *Public hearing. The board shall hold a public hearing on the assessments and after the hearing may by resolution approve, disapprove, modify, or refer the report with such directions as it deems necessary. The board shall provide for the following payment alternatives if it determines to assess for any of the improvements:*
 - i. *No interest imputed if payment of assessment made in full within 30 days of invoice;*
 - ii. *Payment in such number of yearly installments as deemed reasonable by the board, together with interest thereon at the rate of one percent over the interest rate paid by the city on its latest bonding issue, with payment in full due upon transfer of the property;*
 - iii. *Deferred payment of assessment with interest to accrue at the rate of one percent over the interest rate paid by city on its last bond issue, with the total becoming due on the earliest of the following:*
 - A. *Transfer of the benefited property to any other person or entity;*
 - B. *Subdivision of the benefited property;*
 - C. *Connection to the storm sewer;*
 - D. *The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.*
 - iv. *Interest on alternatives ii. and iii. above shall stop accruing after a period of ten years.*

The BOPW established a five year payback for assessments if payment is made the year when assessments come due. Under iii., property owners are not required to pay until they connect to the storm lateral, sell or subdivide the property, or 25 years, whichever occurs first.

Recommendation

Staff recommends that the Board of Public Works adopt the final resolution.

ATTACHMENTS:

- BPW Final Resolution BOPW #17-01 for Huron Street (PDF)
- CI-CALC_StormSewerCost-2017-Non-Residential_Schedule_B (PDF)
- CI-CALC_StormSewerCost-2017-Residential_Schedule_B (PDF)
- CI-CALC_StormSewerCost-2017-Residential_Schedule_C (PDF)
- CI-CALC_StormSewerCost-2017-Non-Residential_Schedule_C (PDF)
- CI-CALC-Huron-Schedule_D (PDF)
- Huron Assessment Map (PDF)

RESOLUTION BOPW #17-01

FINAL RESOLUTION AUTHORIZING STORM SEWER MAIN AND/OR LATERAL CONSTRUCTION AND LEVYING SPECIAL ASSESSMENTS AGAINST BENEFITED PROPERTY (HURON STREET)

WHEREAS, the Board of Public Works of the City of De Pere having declared its intention to exercise its police power to levy special assessments pursuant to Wis. Stats. §66.0703, for improvements constructed within the areas described below and special assessments to be levied on a reasonable basis upon the property benefited thereby. Said improvements to include storm sewer main and/or laterals. Said improvements shall be constructed in, and the properties benefiting therefrom are contained within, the following described areas or abutting streets:

STORM SEWER MAIN AND LATERALS

Both sides of Huron Street from George Street to Ridgeway

WHEREAS, the Board of Public Works has published a Notice of Public Hearing regarding such improvements and, pursuant thereto, a public hearing has been held at the City Hall Council Chambers on the 8th day of May, 2017 at 7:30 p.m., whereupon the Board of Public Works heard all interested parties or their agents or attorneys;

NOW, THEREFORE, BE IT HEREBY RESOLVED, by the Board of Public Works of the City of De Pere, Wisconsin, that:

1. The report of the Board of Public Works of the City of De Pere, as compiled by the Director of Public Works, pertaining to the construction of the above described improvements, including plans and specifications therefore (as modified*) is hereby adopted and approved.

2. The Board of Public Works, based on its view of the property and its review of such report, determines that the above described properties are benefited by such public improvements and that the benefits and amounts assessed against each parcel on the basis shown in the report (as modified*), representing an exercise of police power, are determined to be on a reasonable basis and are hereby confirmed and approved.

3. Payment for the public improvements shall be made by assessing the cost therefore against the above described benefited properties as indicated in such report.

4. The assessments hereby levied for said improvements shall be:

- (1) paid in cash within thirty (30) days of invoice; or
- (2) paid in five (5) annual installments, together with interest on the unpaid balance at a rate of 3.5% if payment starts the year invoiced; or
- (3) deferred with interest to accrue at the rate of 3.5% with the total becoming due on the earliest of the following:
 - i. Transfer of the benefited property to any other person or entity;
 - ii. Subdivision of the benefitted property;
 - iii. Connection to the storm sewer;
 - iv. The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.

Interest on alternatives shall stop accruing after a period of ten years.

5. The total amount assessed benefited properties shall not exceed the total cost of the improvements.

6. The Clerk-Treasurer is hereby directed to publish this resolution in the Green Bay Press Gazette as a Class 1 Notice.

7. The Clerk-Treasurer is further directed to mail a copy of this resolution to the property owners whose names appear on the assessment roll whose address is known or can, with reasonable diligence, be ascertained.

8. If any section, sentence, or clause of this resolution or any special assessment set forth or referenced herein shall be declared invalid for any reason whatsoever, such decision shall not affect the remaining sections or assessments approved herein, which shall remain in full force and effect.

9. This resolution shall remain in full force and effect from and after its passage and publication according to law.

Adopted by the Board of Public Works of the City of De Pere, Wisconsin, this 8th day of May, 2017.

APPROVED:

Michael J. Walsh, Mayor and Chair of the Board
of Public works

Ayes:_____

Nays:_____

* Strike if not modified by the Board of Public Works

Schedule B
Estimate of Proposed Improvement - Non Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Mainline Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
15-01	ST-02	Remove and Replace 18" PVC or RCP, CL III Storm Sewer	LF	39	\$65.00	\$2,535.00	
Total				39		\$2,535.00	
Average Cost Per Foot						\$65.00	

Schedule B
Estimate of Proposed Improvement - Non Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Storm Sewer Manhole

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-08	Provide 4' Diameter Storm Manhole	VF	15.14	\$430.00	\$6,510.20	
14-07	ST-03	Install 4' Diameter Storm Manhole	VF	8.74	\$405.90	\$3,547.57	
15-01	ST-09	Remove and Replace 4' Diameter Storm Manhole	VF	55.89	\$377.00	\$21,070.53	
15-07	ST-06	Install 4' Diameter Storm Manhole	VF	60.3	\$454.61	\$27,412.98	
16-02	ST-20	Remove and Replace 4' Diameter Storm Manhole	VF	73.74	\$275.00	\$20,278.50	
16-07	ST-07	Remove and Replace 4' Diameter Storm Manhole	VF	24.96	\$490.00	\$12,230.40	
Total				238.77		\$91,050.18	
Cost Per Vertical Foot						\$381.33	
Cost for a 5 foot Deep Manhole						\$1,906.65	
Average Per Foot Cost with a 300 Foot Spacing						\$6.36	

Schedule B
Estimate of Proposed Improvement - Non Residential
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City of De Pere
Date: 4/10/17

Lateral Cost

Lateral 6"

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-17	Provide 6" PVC Storm Sewer Lateral	LF	3053	\$42.00	\$128,226.00	Average length of lateral is based on a 70 foot right of way.
16-07	ST-04	Provide 6" PVC Storm Sewer	LF	187	\$41.00	\$7,667.00	
Total				3240		\$135,893.00	
Average Cost Per Foot						\$41.94	
Average Cost per Lot at 35 Feet of Lateral (100% to Resident)						\$1,467.98	

Lateral 8"

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
15-07	ST-02	Install 8" PVC Storm-Roof Drains	LF	693	\$46.47	\$32,203.71	Average length of lateral is based on a 70 foot right of way.
16-02	ST-08	Provide 8" PVC Storm Sewer	LF	541	\$42.00	\$22,722.00	
16-07	ST-03	Provide 8" PVC Storm Sewer	LF	266	\$39.00	\$10,374.00	
Total				1500		\$65,299.71	
Average Cost Per Foot						\$43.53	
Average Cost per Lot at 35 Feet of Lateral (100% to Resident)						\$1,523.66	

Lateral 12"

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-02	Remove and Replace 12" PCV or RCP Storm Sewer	LF	376	\$49.00	\$18,399.50	Average length of lateral is based on a 70 foot right of way.
14-07	ST-01	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	350	\$50.74	\$17,774.22	
15-01	ST-04	Remove and Replace 12" PCV or RCP Storm Sewer	LF	648	\$49.00	\$31,776.50	
15-07	ST-01	Remove and Replace 12" PCV or RCP (Class III) Storm Sewer	LF	797	\$50.51	\$40,276.67	
16-02	ST-06	Provide 12" PVC Storm Sewer	LF	609	\$45.00	\$27,405.00	
16-07	ST-02	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	119	\$62.00	\$7,378.00	
Total				2899		\$143,009.90	
Average Cost Per Foot						\$49.33	
Average Cost per Lot at 35 Feet of Lateral (100% to Resident)						\$1,726.58	

Schedule B
Estimate of Proposed Improvement - Non Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Connection Cost**Storm Wye Cost (6")**

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-10	Provide 6" Connection (Core or Tee) to 36" Storm Sewer	EA	14	\$200.00	\$2,800.00	
16-02	ST-11	Provide 6" Connection (Core or Tee) to 24" Storm Sewer	EA	14	\$200.00	\$2,800.00	
16-02	ST-12	Provide 6" Connection (Core or Tee) to Existing Storm Sewer on Eighth Street.	EA	15	\$200.00	\$3,000.00	
16-02	ST-13	Provide Storm Tee 15"x6"	EA	12	\$300.00	\$3,600.00	
16-02	ST-14	Provide Storm Tee 12"x6"	EA	9	\$200.00	\$1,800.00	
Total				64		\$14,000.00	
Average Cost Per Wye						\$218.75	

Core Storm Tee Cost (8" & 12")

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
15-07	ST-11	Core Drill Existing Main with NPC Kor-N-Tee	EA	8	\$202.05	\$1,616.40	
Total				8		\$1,616.40	
Average Cost Per Connection/Core						\$202.05	

Schedule B
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Mainline Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-02	Remove and Replace 12" PCV or RCP Storm Sewer	LF	376	\$49.00	\$18,424.00	
14-07	ST-01	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	350	\$50.74	\$17,759.00	
15-01	ST-04	Remove and Replace 12" PCV or RCP Storm Sewer	LF	648	\$49.00	\$31,752.00	
15-07	ST-01	Remove and Replace 12" PCV or RCP (Class III) Storm Sewer	LF	797	\$50.51	\$40,256.47	
16-02	ST-06	Provide 12" PVC Storm Sewer	LF	609	\$45.00	\$27,405.00	
16-07	ST-02	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	119	\$62.00	\$7,378.00	
Total				2899		\$142,974.47	
Average Cost Per Foot						\$49.32	

Schedule B
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Lateral Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-17	Provide 6" PVC Storm Sewer Lateral	LF	3053	\$42.00	\$128,226.00	Average length of lateral is based on a 60 foot right of way and several laterals being connected to inlets.
16-07	ST-04	Provide 6" PVC Storm Sewer Lateral	LF	187	\$41.00	\$7,667.00	
Total				3240		\$135,893.00	
Average Cost Per Foot						\$41.94	
Average Cost per Lot at 30 Feet of Lateral (100% to Resident)						\$1,258.27	

Storm Wye Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-14	Provide Storm Tee 12"X 6"	EA	9	\$200.00	\$1,800.00	
Total				9.00		\$1,800.00	
Average Cost Per Wye						\$200.00	

Schedule B
Estimate of Proposed Improvement - Residential
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City of De Pere
Date: 4/10/17

Storm Sewer Manhole

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-08	Provide 4' Diameter Storm Manhole	VF	15.14	\$430.00	\$6,510.20	
14-07	ST-03	Install 4' Diameter Storm Manhole	VF	8.74	\$405.90	\$3,547.57	
15-01	ST-09	Remove and Replace 4' Diameter Storm Manhole	VF	55.89	\$377.00	\$21,070.53	
15-07	ST-06	Install 4' Diameter Storm Manhole	VF	60.3	\$454.61	\$27,412.98	
16-02	ST-20	Remove and Replace 4' Diameter Storm Manhole	VF	73.74	\$275.00	\$20,278.50	
16-07	ST-07	Remove and Replace 4' Diameter Storm Manhole	VF	24.96	\$490.00	\$12,230.40	
Total				238.77		\$91,050.18	
Cost Per Foot						\$381.33	
Cost for a 5 foot Deep Manhole						\$1,906.65	
Average Per Foot Cost with a 300 Foot Spacing						\$6.36	

Schedule C
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7
Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Storm Mainline Cost

Item Description	Cost Per LF	Comment
12" Storm Sewer Main	\$49.32	300 foot spacing with a 5' depth
4' Diameter Storm Manhole	\$6.36	
Mainline Cost Per Street Foot	\$55.67	60 foot wide lot
Cost Per Side of Street	\$27.84	
Cost Per Lot	\$1,670.22	
Assessable Amount (20%)	\$334.04	Remaining 80% funded by Storm Water Utility
Engineering and Administration	\$66.81	
Total Mainline Costs	\$400.85	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
6" Storm Lateral	\$1,258.27	30 foot average length. Some laterals will be connected to inlets.
Storm Wye Cost	\$200.00	
Assessable Amount (100%)	\$1,458.27	
Engineering and Administration	\$291.65	
Total Lateral Costs	\$1,749.92	

Total Cost

Mainline	\$400.85
Storm Lateral	\$1,749.92
Total Cost	\$2,150.78

Schedule C
Estimate of Proposed Improvement - Non Residential
Calculations Based on Municipal Code 13-7
Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Storm Mainline Cost

Item Description	Cost Per LF	Comment
18" Storm Sewer Main	\$65.00	300 foot spacing with a 5' depth
4' Diameter Storm Manhole	\$6.36	
Mainline Cost Per Street Foot	\$71.36	Remaining 80% funded by Storm Water Utility
Cost Per Side of Street	\$35.68	
Assessable Amount (20%)	\$7.14	
Engineering and Administration (20%)	\$1.43	
Total Mainline Cost Per Front Lot Foot	\$8.56	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
6" Storm Lateral	\$1,467.98	35 foot average length.
Storm Wye Cost	\$218.75	
Assessable Amount (100%)	\$1,686.73	
Engineering and Administration (20%)	\$337.35	
Total Lateral Costs	\$2,024.08	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
8" Storm Lateral	\$1,523.66	35 foot average length.
Storm Wye Cost (Core)	\$202.05	Average of cost to core pipe
Assessable Amount (100%)	\$1,725.71	
Engineering and Administration (20%)	\$345.14	
Total Lateral Costs	\$2,070.85	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
12" Storm Lateral	\$1,726.58	35 foot average length.
Storm Wye Cost (Core)	\$202.05	Average of cost to core pipe
Assessable Amount (100%)	\$1,928.63	20.00%
Engineering and Administration	\$385.73	
Total Lateral Costs	\$2,314.35	

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - N. HURON STREET FROM GEORGE STREET TO RIDGEWAY BOULEVARD

RESIDENTIAL ASSESSMENT
 COST PER UNIT - STORM MAIN:
 COST PER UNIT - STORM LATERAL:

\$400.85
\$1,749.92

OTHER ASSESSMENT
 COST PER LF - STORM MAIN:
 COST PER UNIT - 6-INCH STORM LATERAL:
 COST PER UNIT - 8-INCH STORM LATERAL:
 COST PER UNIT - 8-INCH STORM LATERAL:

\$8.56
\$2,024.08
\$2,070.85
\$2,314.35

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

PROPERTY OWNER	RESIDENTIAL OR OTHER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
			UNIT	COST	UNIT	COST		
LTF INVESTMENTS LLC 3774 RYAN RD DE PERE WI 54115-8668	OTHER	109 N HURON ST ED-1006	60	\$513.60	1	\$2,024.08	\$2,537.68	6-Inch Lateral
DANIEL M & TERESA L JAUQUET 133 S WASHINGTON ST DE PERE WI 54115	RESIDENTIAL	114 N HURON ST ED-1069	1	\$400.85	1	\$1,749.92	\$2,150.77	
LTF INVESTMENTS LLC 3774 RYAN RD DE PERE WI 54115-8668	OTHER	115 N HURON ST ED-1005	60	\$513.60	1	\$2,024.08	\$2,537.68	6-Inch Lateral
MATTHEW R KAPINOS 712 BORDEAUX RUE GREEN BAY WI 54301-1430	RESIDENTIAL	120 N HURON ST ED-1070	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
MICHAEL COPPENS 414 E WALNUT ST STE 142 GREEN BAY WI 54301	RESIDENTIAL	121 N HURON ST ED-1004	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
MATTHEW R & JESSICA M PETTY 126 N HURON ST DE PERE WI 54115-2813	RESIDENTIAL	126 N HURON ST ED-1071	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
PHILIP L FISETTE 127 N HURON ST DE PERE WI 54115-2812	RESIDENTIAL	127 N HURON ST ED-1003	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
MARY LOGGHE 268 DEKARD RD LITTLE SUAMICO WI 54141	RESIDENTIAL	131 N HURON ST ED-1002	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
PHILLIP W MULLINS JR 132 N HURON ST DE PERE WI 54115-2813	RESIDENTIAL	132 N HURON ST ED-1072	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - N. HURON STREET FROM GEORGE STREET TO RIDGEWAY BOULEVARD

RESIDENTIAL ASSESSMENT
 COST PER UNIT - STORM MAIN: **\$400.85**
 COST PER UNIT - STORM LATERAL: **\$1,749.92**

OTHER ASSESSMENT
 COST PER LF - STORM MAIN: **\$8.56**
 COST PER UNIT - 6-INCH STORM LATERAL: **\$2,024.08**
 COST PER UNIT - 8-INCH STORM LATERAL: **\$2,070.85**
 COST PER UNIT - 8-INCH STORM LATERAL: **\$2,314.35**

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

PROPERTY OWNER	RESIDENTIAL OR OTHER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
			UNIT	COST	UNIT	COST		
BRANDIN T & SARAH R COLLINS 202 N HURON ST DE PERE WI 54115-2815	RESIDENTIAL	202 N HURON ST ED-1076	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
TIMOTHY J FAUST 208 N HURON ST #LOWR DE PERE WI 54115-2815	RESIDENTIAL	208 N HURON ST ED-1077	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
CHARLES P TROTTI III 209 N HURON ST DE PERE WI 54115-2814	RESIDENTIAL	209 N HURON ST ED-994	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
EILEEN M LONGLAIS 214 N HURON ST DE PERE WI 54115-2815	RESIDENTIAL	214 N HURON ST ED-1078	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
CHRISTINA M PARKER 215 N HURON ST DE PERE WI 54115-2814	RESIDENTIAL	215 N HURON ST ED-993	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
JUSTIN M BALLARD 216 N HURON ST DE PERE WI 54115-2815	RESIDENTIAL	216 N HURON ST ED-1079	1	\$400.85	1	\$1,749.92	\$2,150.77	
KATHLEEN A FENNESSY 218 N HURON ST DE PERE WI 54115-2815	RESIDENTIAL	218 N HURON ST ED-1079-1	1	\$400.85	1	\$1,749.92	\$2,150.77	
DENNIS E & SHIRLEY M PENASA 221 N HURON ST DE PERE WI 54115-2814	RESIDENTIAL	221 N HURON ST ED-992	1	\$400.85	1	\$1,749.92	\$2,150.77	
GORDON F & KATHY A CHEVALIER 631 KNOLL TE DE PERE WI 54115-3321	RESIDENTIAL	227 N HURON ST ED-991	1	\$400.85	1	\$1,749.92	\$2,150.77	

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
 PRELIMINARY ASSESSMENTS
 TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
 LOCATION - N. HURON STREET FROM GEORGE STREET TO RIDGEWAY BOULEVARD

RESIDENTIAL ASSESSMENT
 COST PER UNIT - STORM MAIN: **\$400.85**
 COST PER UNIT - STORM LATERAL: **\$1,749.92**

OTHER ASSESSMENT
 COST PER LF - STORM MAIN: **\$8.56**
 COST PER UNIT - 6-INCH STORM LATERAL: **\$2,024.08**
 COST PER UNIT - 8-INCH STORM LATERAL: **\$2,070.85**
 COST PER UNIT - 8-INCH STORM LATERAL: **\$2,314.35**

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

PROPERTY OWNER	RESIDENTIAL OR OTHER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
			UNIT	COST	UNIT	COST		
MICHAEL T SPREDEMAN 233 N HURON ST DE PERE WI 54115-2814	RESIDENTIAL	233 N HURON ST ED-990	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm at Huron and Williams
CR REAL ESTATE LLC P O BOX 11966 GREEN BAY WI 54307-1966	OTHER	428 N SUPERIOR ST ED-477	0	\$0.00	1	\$2,314.35	\$2,314.35	Existing storm sewer on N. Huron Street. 12-Inch Lateral
GREGORY P & CHRISTINE A GORST 430 N HURON ST DE PERE WI 54115-2817	RESIDENTIAL	430 N HURON ST ED-524	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
SHAWN M CARTER 436 N HURON ST DE PERE WI 54115-2817	RESIDENTIAL	436 N HURON ST ED-525	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
JEFFREY J & LISA A RADTKE 442 N HURON ST DE PERE WI 54115-2817	RESIDENTIAL	442 N HURON ST ED-526	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
DANIEL VANDEN BERG ETAL 448 N HURON ST DE PERE WI 54115-2817	RESIDENTIAL	448 N HURON ST ED-527	0	\$0.00	0	\$0.00	\$0.00	Connected to existing storm sewer off of Franklin Street.
KAREN STERNKOPF 501 N HURON ST DE PERE WI 54115-2801	RESIDENTIAL	501 N HURON ST ED-489	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer off of Franklin Street.
CYNTHIA J VAN BEEK 502 N HURON ST DE PERE WI 54115-2802	RESIDENTIAL	502 N HURON ST ED-515	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer off of Franklin Street.
JAMES H & JULI K CONSTINE JR 4226 WHISPER LN DE PERE WI 54115	RESIDENTIAL	508 N HURON ST ED-516	1	\$400.85	1	\$1,749.92	\$2,150.77	

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
 PRELIMINARY ASSESSMENTS
 TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
 LOCATION - N. HURON STREET FROM GEORGE STREET TO RIDGEWAY BOULEVARD

RESIDENTIAL ASSESSMENT
 COST PER UNIT - STORM MAIN: \$400.85
 COST PER UNIT - STORM LATERAL: \$1,749.92

OTHER ASSESSMENT
 COST PER LF - STORM MAIN: \$8.56
 COST PER UNIT - 6-INCH STORM LATERAL: \$2,024.08
 COST PER UNIT - 8-INCH STORM LATERAL: \$2,070.85
 COST PER UNIT - 8-INCH STORM LATERAL: \$2,314.35

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

PROPERTY OWNER	RESIDENTIAL OR OTHER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
			UNIT	COST	UNIT	COST		
ANDREW W & KATHERINE A MAYER 509 N HURON ST DE PERE WI 54115-2801	RESIDENTIAL	509 N HURON ST ED-488	1	\$400.85	1	\$1,749.92	\$2,150.77	
DAWN L PEDERSON 514 N HURON ST DE PERE WI 54115-2802	RESIDENTIAL	514 N HURON ST ED-517	1	\$400.85	1	\$1,749.92	\$2,150.77	
KRISTINA L KRAUS 515 N HURON ST DE PERE WI 54115-2801	RESIDENTIAL	515 N HURON ST ED-487	1	\$400.85	1	\$1,749.92	\$2,150.77	
JOSEPH W & SUSAN M WELLENS 520 N HURON ST DE PERE WI 54115-2802	RESIDENTIAL	520 N HURON ST ED-518	1	\$400.85	1	\$1,749.92	\$2,150.77	
MILFRED J & MARGARET M MANNING LE 521 N HURON ST DE PERE WI 54115-2801	RESIDENTIAL	521 N HURON ST ED-486	1	\$400.85	1	\$1,749.92	\$2,150.77	
REBECCA L WALL 526 N HURON ST DE PERE WI 54115-2802	RESIDENTIAL	526 N HURON ST ED-519	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer off of Fulton Street.
MARY JO LEY 527 N HURON ST DE PERE WI 54115	RESIDENTIAL	527 N HURON ST ED-485	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer off of Fulton Street.
RAYMOND J WEIGEL 602 N HURON ST DE PERE WI 54115-2619	RESIDENTIAL	602 N HURON ST ED-506	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer off of Fulton Street.
JILL A MAROHL 607 N HURON ST DE PERE WI 54115-2618	RESIDENTIAL	607 N HURON ST ED-497	1	\$400.85	1	\$1,749.92	\$2,150.77	

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - N. HURON STREET FROM GEORGE STREET TO RIDGEWAY BOULEVARD

RESIDENTIAL ASSESSMENT
 COST PER UNIT - STORM MAIN:
 COST PER UNIT - STORM LATERAL:

\$400.85
\$1,749.92

OTHER ASSESSMENT
 COST PER LF - STORM MAIN:
 COST PER UNIT - 6-INCH STORM LATERAL:
 COST PER UNIT - 8-INCH STORM LATERAL:
 COST PER UNIT - 8-INCH STORM LATERAL:

\$8.56
\$2,024.08
\$2,070.85
\$2,314.35

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

PROPERTY OWNER	RESIDENTIAL OR OTHER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
			UNIT	COST	UNIT	COST		
SHARON R THORNE 315 S JEFFERSON ST GREEN BAY WI 54301-4522	RESIDENTIAL	608 N HURON ST ED-507	1	\$400.85	1	\$1,749.92	\$2,150.77	
DANIEL D MOORE 615 N HURON ST DE PERE WI 54115-2618	RESIDENTIAL	615 N HURON ST ED-496	1	\$400.85	1	\$1,749.92	\$2,150.77	
PETER J LARSEN 616 N HURON ST DE PERE WI 54115-2619	RESIDENTIAL	616 N HURON ST ED-508	1	\$400.85	1	\$1,749.92	\$2,150.77	
CODY FONTAINE 620 N HURON ST DE PERE WI 54115-2619	RESIDENTIAL	620 N HURON ST ED-509	1	\$400.85	1	\$1,749.92	\$2,150.77	
CHRISTOPHER A SCHROEDER 127 S ERIE ST DE PERE WI 54115-2911	RESIDENTIAL	621 N HURON ST ED-495	1	\$400.85	1	\$1,749.92	\$2,150.77	
DENNIS L & MARY J GRAHAM 627 N HURON ST DE PERE WI 54115-2618	RESIDENTIAL	627 N HURON ST ED-368	1	\$400.85	1	\$1,749.92	\$2,150.77	
DENNIS L & MARY J GRAHAM 627 N HURON ST DE PERE WI 54115-2618	RESIDENTIAL	N HURON ST ED-367	1	\$400.85	1	\$1,749.92	\$2,150.77	
SCOTT M & KIM L PANSIER 630 N HURON ST DE PERE WI 54115-2619	RESIDENTIAL	630 N HURON ST ED-27	1	\$400.85	1	\$1,749.92	\$2,150.77	
BRIAN A & RACHEL A SAGRILLO 636 N HURON ST DE PERE WI 54115-2619	RESIDENTIAL	636 N HURON ST ED-27-2	1	\$400.85	1	\$1,749.92	\$2,150.77	

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
 PRELIMINARY ASSESSMENTS
 TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
 LOCATION - N. HURON STREET FROM GEORGE STREET TO RIDGEWAY BOULEVARD

RESIDENTIAL ASSESSMENT
 COST PER UNIT - STORM MAIN: \$400.85
 COST PER UNIT - STORM LATERAL: \$1,749.92

OTHER ASSESSMENT
 COST PER LF - STORM MAIN: \$8.56
 COST PER UNIT - 6-INCH STORM LATERAL: \$2,024.08
 COST PER UNIT - 8-INCH STORM LATERAL: \$2,070.85
 COST PER UNIT - 8-INCH STORM LATERAL: \$2,314.35

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

PROPERTY OWNER	RESIDENTIAL OR OTHER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
			UNIT	COST	UNIT	COST		
SUSAN M HARRIS 640 N HURON ST DE PERE WI 54115-2619	RESIDENTIAL	640 N HURON ST ED-27-1	1	\$400.85	1	\$1,749.92	\$2,150.77	
HOLLY M MJELDE 641 N HURON ST DE PERE WI 54115-2618	RESIDENTIAL	641 N HURON ST ED-366	1	\$400.85	1	\$1,749.92	\$2,150.77	
SHERI L WATERMOLEN 702 N HURON ST DE PERE WI 54115-2621	RESIDENTIAL	702 N HURON ST ED-26-3	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer is located behind house.
ANDREW J & SARAH E KERBEL 703 N HURON ST DE PERE WI 54115-2620	RESIDENTIAL	703 N HURON ST ED-25-1	1	\$400.85	1	\$1,749.92	\$2,150.77	
EDWARD & MARY KIMMETH 708 N HURON ST DE PERE WI 54115-2621	RESIDENTIAL	708 N HURON ST ED-26-1	0	\$0.00	0	\$0.00	\$0.00	Connected to existing storm sewer behind house.
ERICH BAKKE 713 N HURON ST DE PERE WI 54115-2620	RESIDENTIAL	713 N HURON ST ED-1138	1	\$400.85	1	\$1,749.92	\$2,150.77	
LTF INVESTMENTS LLC 3774 RYAN RD DE PERE WI 54115-8668	OTHER	715 GEORGE ST ED-1007	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer on N. Huron Street.
JON J VANDENBOOMEN 721 JAMES ST DE PERE WI 54115-2824	RESIDENTIAL	721 JAMES ST ED-995	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on N. Huron Street.
STEPHEN & SHERYL MCCLEOD 4185 OAKRIDGE CI DE PERE WI 54115	RESIDENTIAL	724 N HURON ST ED-26	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer is located behind house.

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - N. HURON STREET FROM GEORGE STREET TO RIDGEWAY BOULEVARD

RESIDENTIAL ASSESSMENT
 COST PER UNIT - STORM MAIN: \$400.85
 COST PER UNIT - STORM LATERAL: \$1,749.92

OTHER ASSESSMENT
 COST PER LF - STORM MAIN: \$8.56
 COST PER UNIT - 6-INCH STORM LATERAL: \$2,024.08
 COST PER UNIT - 8-INCH STORM LATERAL: \$2,070.85
 COST PER UNIT - 8-INCH STORM LATERAL: \$2,314.35

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PROPERTY OWNER	RESIDENTIAL OR OTHER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
			UNIT	COST	UNIT	COST		
DANIEL & KARI GUSTAFSON 5341 HICKORY WOOD DR NAPLES FL 34119-1404	RESIDENTIAL	725 FULTON ST ED-498	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer off of Fulton Street.
JASON M & HEATHER S PETERSON 2147 SWANSTONE CI DE PERE WI 54115-8272	RESIDENTIAL	725 N HURON ST ED-25	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer off of Ridgeway Boulevard.
KENNETH A NIER 726 N HURON ST DE PERE WI 54115-2621	RESIDENTIAL	726 N HURON ST ED-26-2	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer off of Ridgeway Boulevard.
ALI BRI PROPERTIES LLC 2586 SCHOOL RD GREENLEAF WI 54126	OTHER	805 GEORGE ST ED-1067	0	\$0.00	1	\$2,070.85	\$2,070.85	Existing storm sewer on N. Huron Street. 8-Inch Lateral
TOTAL			145	\$11,048.45	55	\$97,679.28	\$108,727.73	

PROJECT 17-02 STORM SEWER ASSESSMENT MAP NORTH HURON STREET

ASSESSMENT
AREA (TYP.)

Legend

- Storm Manhole
- ⊕ Storm Catch Basin
- Collectors
- Culvert
- - - Open Channel



Street
Reconstruction

Project:
17-02

Engineering Division
925 S. 6TH ST.
De Pere, WI 54115
Office: 920-339-4061
Fax: 920-339-4071

4- 2017
BY: SRL

Packet Pg. 26

1 inch = 200 feet

Attachment: Huron Assessment Map (5794 : Resolution BOPW 17-01, Final Resolution Authorizing Levying Special Assessment)

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Resolution BOPW 17-02, Final Resolution Authorizing Special Assessments for Storm Sewer and/or Laterals on Project 17-01 Sewer and Water Relay and Street Resurfacing, East and West Vista Circle.

The purpose for this item is to approve a final resolution for special assessment for storm sewer and/or storm lateral construction associated with street resurfacing in 2017.

Background

The City is resurfacing East and West Vista Circle south of Stevens Street in 2017. The City received a request for a storm lateral. The City has received drainage complaints throughout this area over the last few years. Because of this, storm sewer laterals are being installed to properties within the corridor. The installation of storm laterals conforms to the City Municipal Code Section 26-5-5 which states that:

- “(c) *Street Resurfacing*
- (1) *Installation. Storm sewer main and lateral installation to each lot of a record shall be constructed at during street resurfacing improvements when:*
- a. *Requested by a property owner along the street to be resurfaced; or*
 - b. *When ordered by the director of public works to address drainage issues*
- The location of the lateral installation shall be as determined by the city engineer or designee.”*

Assessments for these services shall be as provided in Code Section 13-7.

As calculated per Code Section 13-7 and approved by the BOPW, the costs for the 2017 storm sewer special assessment is as follows:

- Residential Properties
 - Storm Lateral Assessment - \$1749.92 per each
 - Storm Main Assessment - \$400.85 per parcel

The locations impacted by storm sewer assessments include:

- East Vista Circle from Stevens Street to West Vista Circle
- West Vista Circle from Stevens Street to East Vista Circle

Property owners have been notified several times of this project including:

- December 19, 2016 – Notification of Storm Sewer Laterals
- January 20, 2017 – Notice of 2017 Construction and Public Information Meeting
- January 31, 2017 – Public Information Meeting
- March 9, 2017- Letter Notifying of Board of Public Works Meeting

Code Section 13-7 d. further identifies procedures and pay options for the storm sewer special assessments as follows:

- d. *Public hearing. The board shall hold a public hearing on the assessments and after the hearing may by resolution approve, disapprove, modify, or refer the report with such directions as it deems necessary. The board shall provide for the following payment alternatives if it determines to assess for any of the improvements:*
 - i. *No interest imputed if payment of assessment made in full within 30 days of invoice;*
 - ii. *Payment in such number of yearly installments as deemed reasonable by the board, together with interest thereon at the rate of one percent over the interest rate paid by the city on its latest bonding issue, with payment in full due upon transfer of the property;*
 - iii. *Deferred payment of assessment with interest to accrue at the rate of one percent over the interest rate paid by city on its last bond issue, with the total becoming due on the earliest of the following:*
 - A. *Transfer of the benefited property to any other person or entity;*
 - B. *Subdivision of the benefited property;*
 - C. *Connection to the storm sewer;*
 - D. *The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.*
 - iv. *Interest on alternatives ii. and iii. above shall stop accruing after a period of ten years.*

The BOPW established a five year payback for assessments if payment is made the year when assessments come due. Under iii., property owners are not required to pay until they connect to the storm lateral, sell or subdivide the property, or 25 years, whichever occurs first.

Recommendation

Staff recommends that the Board of Public Works adopt the final resolution.

ATTACHMENTS:

- BPW Final Resolution BOPW #17-02 East and West Vista Circle (PDF)
- CI-CALC_StormSewerCost-2017-Residential_Schedule_B (PDF)
- CI-CALC_StormSewerCost-2017-Residential_C (PDF)

- [Report-Spec_Assess_Sch_D-East Vista_Storm-Preliminary](#) (PDF)
- [Report-Spec_Assess_Sch_D-West Vista_Storm-Preliminary](#) (PDF)
- [Vista Assessment Map](#) (PDF)

RESOLUTION BOPW #17-02

FINAL RESOLUTION AUTHORIZING STORM SEWER MAIN AND/OR LATERAL CONSTRUCTION AND LEVYING SPECIAL ASSESSMENTS AGAINST BENEFITED PROPERTY (EAST AND WEST VISTA CIRCLE)

WHEREAS, the Board of Public Works of the City of De Pere having declared its intention to exercise its police power to levy special assessments pursuant to Wis. Stats. §66.0703, for improvements constructed within the areas described below and special assessments to be levied on a reasonable basis upon the property benefited thereby. Said improvements to include storm sewer main and/or laterals. Said improvements shall be constructed in, and the properties benefiting therefrom are contained within, the following described areas or abutting streets:

STORM SEWER MAIN AND LATERALS

Both sides of West Vista Circle – East Vista Circle to Stevens Street
Both sides of East Vista Circle – West Vista Circle to Stevens Street

WHEREAS, the Board of Public Works has published a Notice of Public Hearing regarding such improvements and, pursuant thereto, a public hearing has been held at the City Hall Council Chambers on the 8th day of May, 2017 at 7:30 p.m., whereupon the Board of Public Works heard all interested parties or their agents or attorneys;

NOW, THEREFORE, BE IT HEREBY RESOLVED, by the Board of Public Works of the City of De Pere, Wisconsin, that:

1. The report of the Board of Public Works of the City of De Pere, as compiled by the Director of Public Works, pertaining to the construction of the above described improvements, including plans and specifications therefore (as modified*) is hereby adopted and approved.

2. The Board of Public Works, based on its view of the property and its review of such report, determines that the above described properties are benefited by such public improvements and that the benefits and amounts assessed against each parcel on the basis shown in the report (as modified*), representing an exercise of police power, are determined to be on a reasonable basis and are hereby confirmed and approved.

3. Payment for the public improvements shall be made by assessing the cost therefore against the above described benefited properties as indicated in such report.

4. The assessments hereby levied for said improvements shall be:

- (1) paid in cash within thirty (30) days of invoice; or
- (2) paid in five (5) annual installments, together with interest on the unpaid balance at a rate of 3.5% if payment starts the year invoiced; or
- (3) deferred with interest to accrue at the rate of 3.5% with the total becoming due on the earliest of the following:
 - i. Transfer of the benefited property to any other person or entity;
 - ii. Subdivision of the benefitted property;
 - iii. Connection to the storm sewer;
 - iv. The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.

Interest on alternatives shall stop accruing after a period of ten years.

5. The total amount assessed benefited properties shall not exceed the total cost of the improvements.

6. The Clerk-Treasurer is hereby directed to publish this resolution in the Green Bay Press Gazette as a Class 1 Notice.

7. The Clerk-Treasurer is further directed to mail a copy of this resolution to the property owners whose names appear on the assessment roll whose address is known or can, with reasonable diligence, be ascertained.

8. If any section, sentence, or clause of this resolution or any special assessment set forth or referenced herein shall be declared invalid for any reason whatsoever, such decision shall not affect the remaining sections or assessments approved herein, which shall remain in full force and effect.

9. This resolution shall remain in full force and effect from and after its passage and publication according to law.

Adopted by the Board of Public Works of the City of De Pere, Wisconsin, this 8th day of May, 2017.

APPROVED:

Michael J. Walsh, Mayor and Chair of the Board
of Public works

Ayes:_____

Nays:_____

* Strike if not modified by the Board of Public Works

Schedule B
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7 - Approved by the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/2017

Mainline Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-02	Remove and Replace 12" PCV or RCP Storm Sewer	LF	376	\$49.00	\$18,424.00	
14-07	ST-01	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	350	\$50.74	\$17,759.00	
15-01	ST-04	Remove and Replace 12" PCV or RCP Storm Sewer	LF	648	\$49.00	\$31,752.00	
15-07	ST-01	Remove and Replace 12" PCV or RCP (Class III) Storm Sewer	LF	797	\$50.51	\$40,256.47	
16-02	ST-06	Provide 12" PVC Storm Sewer	LF	609	\$45.00	\$27,405.00	
16-07	ST-02	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	119	\$62.00	\$7,378.00	
Total				2899		\$142,974.47	
Average Cost Per Foot						\$49.32	

Storm Sewer Cost Evaluation - Residential
Summary Based on 2014-2016 Asphalt Reconstruction and Resurfacing Projects.
City of De Pere
Date: 2/08/17

Storm Sewer Manhole

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-08	Provide 4' Diameter Storm Manhole	VF	15.14	\$430.00	\$6,510.20	
14-07	ST-03	Install 4' Diameter Storm Manhole	VF	8.74	\$405.90	\$3,547.57	
15-01	ST-09	Remove and Replace 4' Diameter Storm Manhole	VF	55.89	\$377.00	\$21,070.53	
15-07	ST-06	Install 4' Diameter Storm Manhole	VF	60.3	\$454.61	\$27,412.98	
16-02	ST-20	Remove and Replace 4' Diameter Storm Manhole	VF	73.74	\$275.00	\$20,278.50	
16-07	ST-07	Remove and Replace 4' Diameter Storm Manhole	VF	24.96	\$490.00	\$12,230.40	
Total				238.77		\$91,050.18	
Cost Per Foot						\$381.33	
Cost for a 5 foot Deep Manhole						\$1,906.65	
Average Per Foot Cost with a 300 Foot Spacing						\$6.36	

Storm Sewer Cost Evaluation - Residential
Summary Based on 2014-2016 Asphalt Reconstruction and Resurfacing Projects.
City of De Pere
Date: 2/08/17

Lateral Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-17	Provide 6" PVC Storm Sewer Lateral	LF	3053	\$42.00	\$128,226.00	Average length of lateral is based on a 60 foot right of way and several laterals being connected to inlets.
16-07	ST-04	Provide 6" PVC Storm Sewer Lateral	LF	187	\$41.00	\$7,667.00	
Total				3240		\$135,893.00	
Average Cost Per Foot						\$41.94	
Average Cost per Lot at 30 Feet of Lateral (100% to Resident)						\$1,258.27	

Storm Wye Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-14	Provide Storm Tee 12"X 6"	EA	9	\$200.00	\$1,800.00	
Total				9.00		\$1,800.00	
Average Cost Per Wye						\$200.00	

2017 Storm Sewer Cost Evaluation - Residential
Summary Based on 2014-2016 Asphalt Reconstruction and Resurfacing Projects.
City of De Pere
Date: 2/08/2017

Storm Mainline Cost

Item Description	Cost Per LF	Comment
12" Storm Sewer Main	\$49.32	300 foot spacing with a 5' depth
4' Diameter Storm Manhole	\$6.36	
Mainline Cost Per Street Foot	\$55.67	60 foot wide lot
Cost Per Side of Street	\$27.84	
Cost Per Lot	\$1,670.22	
Assessable Amount (20%)	\$334.04	Remaining 80% funded by Storm Water Utility
Engineering and Administration	\$66.81	
Total Mainline Costs	\$400.85	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
6" Storm Lateral	\$1,258.27	30 foot average length. Some laterals will be connected to inlets.
Storm Wye Cost	\$200.00	
Assessable Amount (100%)	\$1,458.27	
Engineering and Administration	\$291.65	
Total Lateral Costs	\$1,749.92	

Total Cost

Mainline	\$400.85
Storm Lateral	\$1,749.92
Total Cost	\$2,150.78

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
 TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
 LOCATION - EAST VISTA CIRCLE FROM STEVENS STREET TO WEST VISTA CIRCLE

COST PER UNIT - STORM MAIN:
 COST PER UNIT - STORM LATERAL:

\$400.85
 \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
	PARCEL NUMBER	UNIT	COST	UNIT	COST		
THOMAS J WHALEN 1015 STEVENS ST GREEN BAY WI 54115	1015 STEVENS ST WD-758-17	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on E Vista Circle
DANIEL R & MELISSA M VERBOORT 2007 E VISTA CI DE PERE WI 54115-1616	2007 E VISTA CI WD-758-16	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on E Vista Circle
NORMAN H & NANCY A PAWELCZYK 2008 E VISTA CI DE PERE WI 54115-1617	2008 E VISTA CI WD-758-19	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer on E Vista Circle. Verified lateral on 12/28/2016.
CHRISTINA B FEIRO 2016 E VISTA CI DE PERE WI 54115-1617	2016 E VISTA CI WD-758-18	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on E Vista Circle
ROBERT J & MEGAN J WURM 2022 E VISTA CI DE PERE WI 54115-1617	2022 E VISTA CI WD-758-54	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer on E Vista Circle. Connected at STMH 36. Verified 3/8/2017
GARY J HUCEK 2023 E VISTA CI DE PERE WI 54115-1616	2023 E VISTA CI WD-758-14	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on E Vista Circle
JAY R COOK & LINDA M KLEIN 2033 E VISTA CI DE PERE WI 54115-1616	2033 E VISTA CI WD-758-53	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on E Vista Circle
MICHELLE K NYSON 2043 E VISTA CI DE PERE WI 54115-1616	2043 E VISTA CI WD-758-52	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on E Vista Circle
WILLIAM & MARY JO DIEDRICK 2044 E VISTA CI DE PERE WI 54115-1617	2044 E VISTA CI WD-758-55	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer on E Vista Circle. Connected at inlet 35. Verified 3/6/2017
ROBERT S & PAMELA J MATHEWSON 2053 E VISTA CI DE PERE WI 54115-1616	2053 E VISTA CI WD-758-51	1	\$400.85	1	\$1,749.92	\$2,150.77	

Attachment: Report-Spec_Assess_Sch_D-East Vista_Storm-Preliminary (5795 : Resolution BOPW 17-02,

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
 PRELIMINARY ASSESSMENTS
 TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
 LOCATION - EAST VISTA CIRCLE FROM STEVENS STREET TO WEST VISTA CIRCLE

COST PER UNIT - STORM MAIN:
 COST PER UNIT - STORM LATERAL:

\$400.85
 \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
		UNIT	COST	UNIT	COST		
MARK J & CELENE A LAUER 2054 E VISTA CI DE PERE WI 54115-1617	2054 E VISTA CI WD-758-57	1	\$400.85	1	\$1,749.92	\$2,150.77	
PHILIP W RICKERT 2057 E VISTA CI DE PERE WI 54115-1616	2057 E VISTA CI WD-758-50	1	\$400.85	1	\$1,749.92	\$2,150.77	
DIXON P SCHWARZ & SAMANTHA A TLACHAC 2058 E VISTA CI DE PERE WI 54115-1617	2058 E VISTA CI WD-758-58	1	\$400.85	1	\$1,749.92	\$2,150.77	
ANTHONY R & JANE M REGAZZI 2061 E VISTA CI DE PERE WI 54115-1616	2061 E VISTA CI WD-758-49	1	\$400.85	1	\$1,749.92	\$2,150.77	
CHARLES & BARBARA OTT 2062 E VISTA CI DE PERE WI 54115-1617	2062 E VISTA CI WD-758-59	1	\$400.85	1	\$1,749.92	\$2,150.77	
AMY SHADIAN 2065 E VISTA CI DE PERE WI 54115-1616	2065 E VISTA CI WD-758-48	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer from Villa Ln.
DAVID A SCHULDT 2066 E VISTA CI DE PERE WI 54115-1617	2066 E VISTA CI WD-758-60	1	\$400.85	1	\$1,749.92	\$2,150.77	
PAUL A & MARY ANN KRAMER 2070 E VISTA CI DE PERE WI 54115-1617	2070 E VISTA CI WD-758-61	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer from Villa Ln. Connected at inlet 23. Verified on 3/6/2017
JEREMY J & ANNA D MANZETTI 2073 E VISTA CI DE PERE WI 54115-1623	2073 E VISTA CI WD-758-47	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer from Villa Ln.
DANIEL J & LAUREN E GILANYI 2074 E VISTA CI DE PERE WI 54115-1617	2074 E VISTA CI WD-758-62	1	\$400.85	1	\$1,749.92	\$2,150.77	Illegal connection at inlet 23. Will be assessed.

Attachment: Report-Spec_Assess_Sch_D-East Vista_Storm-Preliminary (5795 : Resolution BOPW 17-02,

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - EAST VISTA CIRCLE FROM STEVENS STREET TO WEST VISTA CIRCLE

COST PER UNIT - STORM MAIN: \$400.85
COST PER UNIT - STORM LATERAL: \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
		UNIT	COST	UNIT	COST		
GOEFFREY G & KATHERINE A ZOECKLER 2077 E VISTA CI DE PERE WI 54115-1623	2077 E VISTA CI WD-758-46	1	\$400.85	1	\$1,749.92	\$2,150.77	
CARL H GROONWALD 2078 E VISTA CI DE PERE WI 54115-1617	2078 E VISTA CI WD-758-63	1	\$400.85	1	\$1,749.92	\$2,150.77	
DONALD J ZINK 2081 E VISTA CI DE PERE WI 54115-1623	2081 E VISTA CI WD-758-45	1	\$400.85	1	\$1,749.92	\$2,150.77	
AMY E LASALA 2082 E VISTA CI DE PERE WI 54115-1617	2082 E VISTA CI WD-758-64	1	\$400.85	1	\$1,749.92	\$2,150.77	
THOMAS E & SHARON A REILLY 2085 E VISTA CI DE PERE WI 54115-1623	2085 E VISTA CI WD-758-44	1	\$400.85	1	\$1,749.92	\$2,150.77	
ROBERT & DANA LEX LIVING TRUST OF 2003 2089 E VISTA CI DE PERE WI 54115-1623	2089 E VISTA CI WD-758-43	1	\$400.85	1	\$1,749.92	\$2,150.77	
	TOTAL	14	\$5,611.90	22	\$38,498.24	\$44,110.14	

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
 PRELIMINARY ASSESSMENTS
 TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
 LOCATION - WEST VISTA CIRCLE FROM STEVENS STREET TO EAST VISTA CIRCLE

COST PER UNIT - STORM MAIN: \$400.85
 COST PER UNIT - STORM LATERAL: \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
		UNIT	COST	UNIT	COST		
THOMAS E & BERNICE J MOORE III 1141 STEVENS ST DE PERE WI 54115-1611	1141 STEVENS ST WD-758-75	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on W Vista Circle
MAUREEN A RIORDAN 2020 W VISTA CI DE PERE WI 54115-1619	2020 W VISTA CI WD-758-30	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer on W Vista Circle. Confirmed connection 5/5/2017
STEVEN M & VALERIE A HENDRICKS 2031 W VISTA CI DE PERE WI 54115-1618	2031 W VISTA CI WD-758-74	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer on W Vista Circle. Verified on 4/10/2017
JONATHAN D & AMANDA K SUSEK 2032 W VISTA CI DE PERE WI 54115-1619	2032 W VISTA CI WD-758-31	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on W Vista Circle
DANIEL P & LYNN M CROOKS 2041 W VISTA CI DE PERE WI 54115-1618	2041 W VISTA CI WD-758-73	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on W Vista Circle
DANIEL R & NICKI S MARTIN 2042 W VISTA CI DE PERE WI 54115-1619	2042 W VISTA CI WD-758-32	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on W Vista Circle
JOHN F & JERE A SUTTON 2051 W VISTA CI DE PERE WI 54115-1618	2051 W VISTA CI WD-758-72	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer on W Vista Circle. Confirmed late connection on 3/20/2017.
VICTORIA D SMITH 2055 W VISTA CI DE PERE WI 54115-1618	2055 W VISTA CI WD-758-71	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer on W Vista Circle. Told Kelly or 2/15 they connected in 2016 when they bought the house Verified on 3/6/17
JAMES C & DIANNE L BRIGGS 2056 W VISTA CI DE PERE WI 54115-1619	2056 W VISTA CI WD-758-34	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on W Vista Circle

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
 PRELIMINARY ASSESSMENTS
 TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
 LOCATION - WEST VISTA CIRCLE FROM STEVENS STREET TO EAST VISTA CIRCLE

COST PER UNIT - STORM MAIN: \$400.85
 COST PER UNIT - STORM LATERAL: \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
		UNIT	COST	UNIT	COST		
MATTHEW D LIEBERGEN 2059 W VISTA CI DE PERE WI 54115-1618	2059 W VISTA CI WD-758-70	0	\$0.00	0	\$0.00	\$0.00	Existing storm sewer on W Vista Circle. Stubbed into C 22. Verified 3/6/2017
MARY E DEYOUNG 2060 W VISTA CI DE PERE WI 54115-1619	2060 W VISTA CI WD-758-35	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on W Vista Circle
CARL VANDE HEI 2063 W VISTA CI DE PERE WI 54115-1618	2063 W VISTA CI WD-758-69	1	\$400.85	1	\$1,749.92	\$2,150.77	
JEFF A & NATALIE E MITCHELL 2064 W VISTA CI DE PERE WI 54115-1619	2064 W VISTA CI WD-758-36	1	\$400.85	1	\$1,749.92	\$2,150.77	
BRIDGIT A COURTURE 2068 W VISTA CI DE PERE WI 54115-1619	2068 W VISTA CI WD-758-37	1	\$400.85	1	\$1,749.92	\$2,150.77	
JASON G & RENAE A MASCHKE 2069 W VISTA CI DE PERE WI 54115-1618	2069 W VISTA CI WD-758-68	1	\$400.85	1	\$1,749.92	\$2,150.77	
TONY C & SHEILA H KRYSTOFF 2072 W VISTA CI DE PERE WI 54115-1619	2072 W VISTA CI WD-758-38	1	\$400.85	1	\$1,749.92	\$2,150.77	
ROBERT D & LISA M TOLLEFSON 2075 W VISTA CI DE PERE WI 54115-1618	2075 W VISTA CI WD-758-67	1	\$400.85	1	\$1,749.92	\$2,150.77	
RYAN P & MICHELLE L GOOD 2076 W VISTA CI DE PERE WI 54115-1622	2076 W VISTA CI WD-758-39	1	\$400.85	1	\$1,749.92	\$2,150.77	

Attachment: Report-Spec_Assess_Sch_D-West Vista_Storm-Preliminary (5795 : Resolution BOPW 17-02,

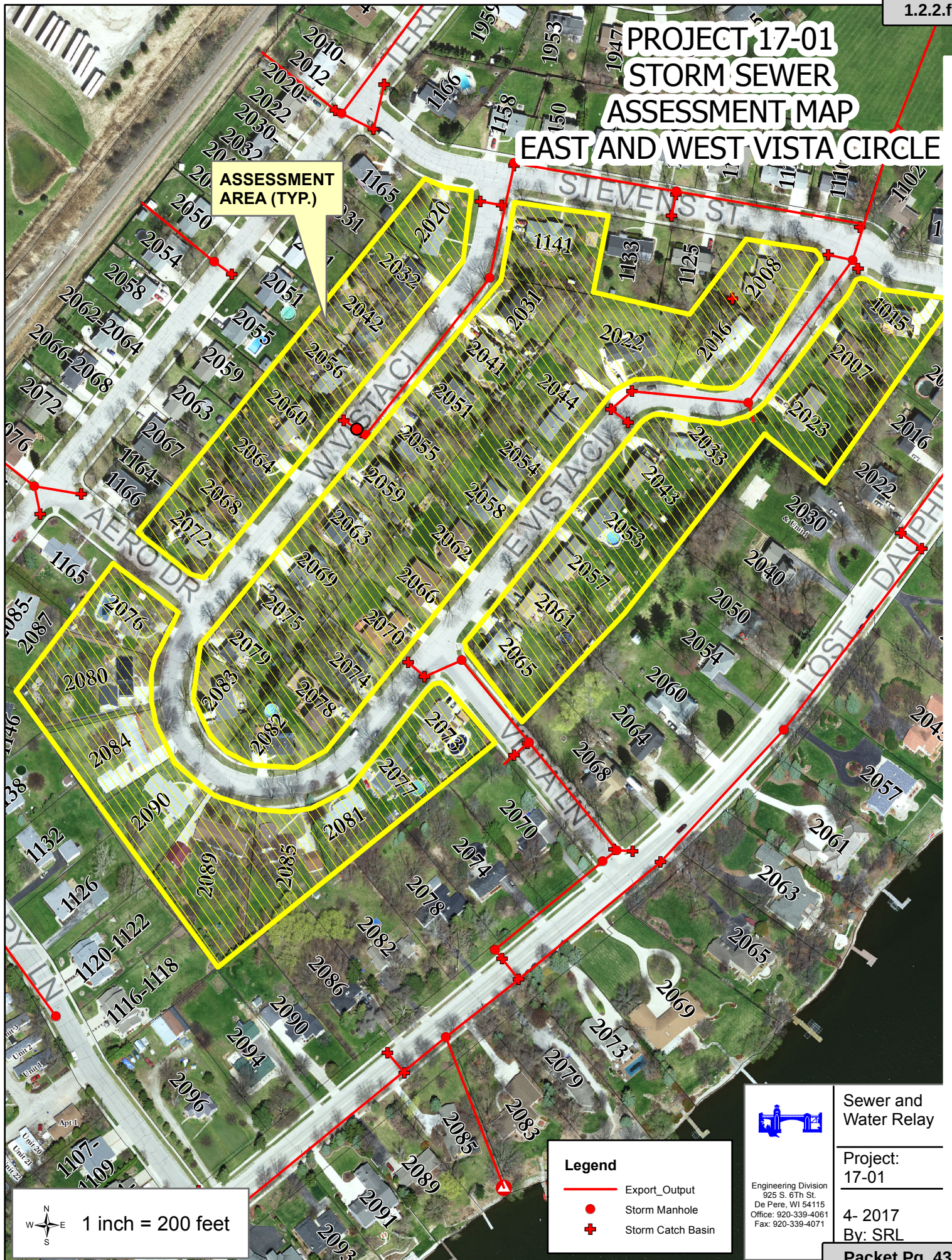
SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - WEST VISTA CIRCLE FROM STEVENS STREET TO EAST VISTA CIRCLE

COST PER UNIT - STORM MAIN: \$400.85
COST PER UNIT - STORM LATERAL: \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
		UNIT	COST	UNIT	COST		
TERRANCE R RYSTROM 2079 W VISTA CI DE PERE WI 54115-1618	2079 W VISTA CI WD-758-66	1	\$400.85	1	\$1,749.92	\$2,150.77	
MARK F & SUZANNE L GERRITS 2080 W VISTA CI DE PERE WI 54115-1622	2080 W VISTA CI WD-758-40	1	\$400.85	1	\$1,749.92	\$2,150.77	
RANDY J KLIMENT 2083 W VISTA CI DE PERE WI 54115-1618	2083 W VISTA CI WD-758-65	1	\$400.85	1	\$1,749.92	\$2,150.77	
CHRISTOPHER W & CAROL M DEQUAINE 2084 W VISTA CI DE PERE WI 54115-1622	2084 W VISTA CI WD-758-41	1	\$400.85	1	\$1,749.92	\$2,150.77	
KATHRYN A DORCAS 2090 W VISTA CI DE PERE WI 54115-1622	2090 W VISTA CI WD-758-42	1	\$400.85	1	\$1,749.92	\$2,150.77	
	TOTAL	12	\$4,810.20	18	\$31,498.56	\$36,308.76	

PROJECT 17-01 STORM SEWER ASSESSMENT MAP EAST AND WEST VISTA CIRCLE

ASSESSMENT
AREA (TYP.)



N
W E
S
1 inch = 200 feet

Legend

- Export_Output
- Storm Manhole
- + Storm Catch Basin



Engineering Division
925 S. 6th St.
De Pere, WI 54115
Office: 920-339-4061
Fax: 920-339-4071

Sewer and
Water Relay

Project:
17-01

4- 2017
By: SRL

Packet Pg. 43

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Resolution BOPW 17-03, Final Resolution Authorizing Levying Special Assessments for Storm Sewer and/or Laterals on Project 17-01 Sewer and Water Relay and Street Resurfacing, Helena Street.

The purpose for this item is to approve a final resolution for special assessment for storm sewer and/or storm lateral construction associated with street resurfacing in 2017.

Background

The City is resurfacing/rehabilitating Helena Street, from Suburban Drive to S Sixth Street in 2017. Storm sewer is being reconstructed as part of the project. Additionally, there are drainage issues on Helena Street and the connecting streets. Because of this, storm sewer laterals are being installed to properties within the corridor. The installation of storm laterals conforms to the City Municipal Code Section 26-5-5 which states that:

- “(c) *Street Resurfacing*
- (1) *Installation. Storm sewer main and lateral installation to each lot of a record shall be constructed at during street resurfacing improvements when:*
- a. *Requested by a property owner along the street to be resurfaced; or*
 - b. *When ordered by the director of public works to address drainage issues*
- The location of the lateral installation shall be as determined by the city engineer or designee.”*

Assessments for these services shall be as provided in Code Section 13-7.

As calculated per Code Section 13-7 and approved by the BOPW, the costs for the 2017 storm sewer special assessment is as follows:

- Residential Properties
 - Storm Lateral Assessment - \$1749.92 per each
 - Storm Main Assessment - \$400.85 per parcel

The locations impacted by storm sewer assessments include:

- Helena Street from Suburban Drive to S Sixth Street

Property owners have been notified several times of this project including:

- December 7, 2016 – Letter Notifying of Construction and City Public Information Meeting
- December 14, 2016 – Public Information Meeting
- March 9, 2017- Letter Notifying of Board of Public Works Meeting
- April 10, 2017 – Preliminary Resolution
- April 27, 2017 – Letter Notification for Public Hearing

Code Section 13-7 d. further identifies procedures and pay options for the storm sewer special assessments as follows:

- d. *Public hearing. The board shall hold a public hearing on the assessments and after the hearing may by resolution approve, disapprove, modify, or refer the report with such directions as it deems necessary. The board shall provide for the following payment alternatives if it determines to assess for any of the improvements:*
 - i. *No interest imputed if payment of assessment made in full within 30 days of invoice;*
 - ii. *Payment in such number of yearly installments as deemed reasonable by the board, together with interest thereon at the rate of one percent over the interest rate paid by the city on its latest bonding issue, with payment in full due upon transfer of the property;*
 - iii. *Deferred payment of assessment with interest to accrue at the rate of one percent over the interest rate paid by city on its last bond issue, with the total becoming due on the earliest of the following:*
 - A. *Transfer of the benefited property to any other person or entity;*
 - B. *Subdivision of the benefited property;*
 - C. *Connection to the storm sewer;*
 - D. *The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.*
 - iv. *Interest on alternatives ii. and iii. above shall stop accruing after a period of ten years.*

The BOPW established a five year payback for assessments if payment is made the year when assessments come due. Under iii., property owners are not required to pay until they connect to the storm lateral, sell or subdivide the property, or 25 years, whichever occurs first.

Recommendation

Staff recommends that the Board of Public Works adopt the final resolution.

ATTACHMENTS:

- BPW Final Resolution BOPW #17-03 Helena Street (PDF)
- CI-CALC_StormSewerCost-2017-Residential_Schedule_B (PDF)
- CI-CALC_StormSewerCost-2017-Residential_Schedule_C (PDF)

- [Report-Spec_Assess_Sch_D-Helena_Storm-Preliminary](#) (PDF)
- [Helena Assessment Map](#) (PDF)

RESOLUTION BOPW #17-03

FINAL RESOLUTION AUTHORIZING STORM SEWER MAIN AND/OR LATERAL
CONSTRUCTION AND LEVYING SPECIAL ASSESSMENTS AGAINST BENEFITED
PROPERTY
(HELENA STREET)

WHEREAS, the Board of Public Works of the City of De Pere having declared its intention to exercise its police power to levy special assessments pursuant to Wis. Stats. §66.0703, for improvements constructed within the areas described below and special assessments to be levied on a reasonable basis upon the property benefited thereby. Said improvements to include storm sewer main and/or laterals. Said improvements shall be constructed in, and the properties benefiting therefrom are contained within, the following described areas or abutting streets:

STORM SEWER MAIN AND LATERALS

Both sides of Helena Street from Suburban Drive to Sixth Street

WHEREAS, the Board of Public Works has published a Notice of Public Hearing regarding such improvements and, pursuant thereto, a public hearing has been held at the City Hall Council Chambers on the 8th day of May, 2017 at 7:30 p.m., whereupon the Board of Public Works heard all interested parties or their agents or attorneys;

NOW, THEREFORE, BE IT HEREBY RESOLVED, by the Board of Public Works of the City of De Pere, Wisconsin, that:

1. The report of the Board of Public Works of the City of De Pere, as compiled by the Director of Public Works, pertaining to the construction of the above described improvements, including plans and specifications therefore (as modified*) is hereby adopted and approved.

2. The Board of Public Works, based on its view of the property and its review of such report, determines that the above described properties are benefited by such public improvements and that the benefits and amounts assessed against each parcel on the basis shown in the report (as modified*), representing an exercise of police power, are determined to be on a reasonable basis and are hereby confirmed and approved.

3. Payment for the public improvements shall be made by assessing the cost therefore against the above described benefited properties as indicated in such report.

4. The assessments hereby levied for said improvements shall be:

- (1) paid in cash within thirty (30) days of invoice; or
- (2) paid in five (5) annual installments, together with interest on the unpaid balance at a rate of 3.5% if payment starts the year invoiced; or
- (3) deferred with interest to accrue at the rate of 3.5% with the total becoming due on the earliest of the following:
 - i. Transfer of the benefited property to any other person or entity;
 - ii. Subdivision of the benefitted property;
 - iii. Connection to the storm sewer;
 - iv. The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.

Interest on alternatives shall stop accruing after a period of ten years.

5. The total amount assessed benefited properties shall not exceed the total cost of the improvements.

6. The Clerk-Treasurer is hereby directed to publish this resolution in the Green Bay Press Gazette as a Class 1 Notice.

7. The Clerk-Treasurer is further directed to mail a copy of this resolution to the property owners whose names appear on the assessment roll whose address is known or can, with reasonable diligence, be ascertained.

8. If any section, sentence, or clause of this resolution or any special assessment set forth or referenced herein shall be declared invalid for any reason whatsoever, such decision shall not affect the remaining sections or assessments approved herein, which shall remain in full force and effect.

9. This resolution shall remain in full force and effect from and after its passage and publication according to law.

Adopted by the Board of Public Works of the City of De Pere, Wisconsin, this 8th day of May, 2017.

APPROVED:

Michael J. Walsh, Mayor and Chair of the Board
of Public works

Ayes:_____

Nays:_____

* Strike if not modified by the Board of Public Works

Schedule B
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Mainline Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-02	Remove and Replace 12" PCV or RCP Storm Sewer	LF	376	\$49.00	\$18,424.00	
14-07	ST-01	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	350	\$50.74	\$17,759.00	
15-01	ST-04	Remove and Replace 12" PCV or RCP Storm Sewer	LF	648	\$49.00	\$31,752.00	
15-07	ST-01	Remove and Replace 12" PCV or RCP (Class III) Storm Sewer	LF	797	\$50.51	\$40,256.47	
16-02	ST-06	Provide 12" PVC Storm Sewer	LF	609	\$45.00	\$27,405.00	
16-07	ST-02	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	119	\$62.00	\$7,378.00	
Total				2899		\$142,974.47	
Average Cost Per Foot						\$49.32	

Schedule B
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Lateral Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-17	Provide 6" PVC Storm Sewer Lateral	LF	3053	\$42.00	\$128,226.00	Average length of lateral is based on a 60 foot right of way and several laterals being connected to inlets.
16-07	ST-04	Provide 6" PVC Storm Sewer Lateral	LF	187	\$41.00	\$7,667.00	
Total				3240		\$135,893.00	
Average Cost Per Foot						\$41.94	
Average Cost per Lot at 30 Feet of Lateral (100% to Resident)						\$1,258.27	

Storm Wye Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-14	Provide Storm Tee 12"X 6"	EA	9	\$200.00	\$1,800.00	
Total				9.00		\$1,800.00	
Average Cost Per Wye						\$200.00	

Schedule B
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Storm Sewer Manhole

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-08	Provide 4' Diameter Storm Manhole	VF	15.14	\$430.00	\$6,510.20	
14-07	ST-03	Install 4' Diameter Storm Manhole	VF	8.74	\$405.90	\$3,547.57	
15-01	ST-09	Remove and Replace 4' Diameter Storm Manhole	VF	55.89	\$377.00	\$21,070.53	
15-07	ST-06	Install 4' Diameter Storm Manhole	VF	60.3	\$454.61	\$27,412.98	
16-02	ST-20	Remove and Replace 4' Diameter Storm Manhole	VF	73.74	\$275.00	\$20,278.50	
16-07	ST-07	Remove and Replace 4' Diameter Storm Manhole	VF	24.96	\$490.00	\$12,230.40	
Total				238.77		\$91,050.18	
Cost Per Foot						\$381.33	
Cost for a 5 foot Deep Manhole						\$1,906.65	
Average Per Foot Cost with a 300 Foot Spacing						\$6.36	

Schedule C
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7
Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Storm Mainline Cost

Item Description	Cost Per LF	Comment
12" Storm Sewer Main	\$49.32	300 foot spacing with a 5' depth
4' Diameter Storm Manhole	\$6.36	
Mainline Cost Per Street Foot	\$55.67	60 foot wide lot
Cost Per Side of Street	\$27.84	
Cost Per Lot	\$1,670.22	
Assessable Amount (20%)	\$334.04	Remaining 80% funded by Storm Water Utility
Engineering and Administration	\$66.81	
Total Mainline Costs	\$400.85	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
6" Storm Lateral	\$1,258.27	30 foot average length. Some laterals will be connected to inlets.
Storm Wye Cost	\$200.00	
Assessable Amount (100%)	\$1,458.27	
Engineering and Administration	\$291.65	
Total Lateral Costs	\$1,749.92	

Total Cost

Mainline	\$400.85
Storm Lateral	\$1,749.92
Total Cost	\$2,150.78

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - HELENA STREET FROM SUBURBAN DRIVE TO S SIXTH STREET

COST PER UNIT - STORM MAIN:

\$400.85

COST PER UNIT - STORM LATERAL:

\$1,749.92

<u>PROPERTY OWNER</u>	<u>LOT NO.</u> <u>PROPERTY ADDRESS</u> <u>PARCEL NUMBER</u>	<u>STORM MAIN ASSESSMENT</u>		<u>STORM LATERAL ASSESSMENT</u>		<u>TOTAL ASSESSMENT</u>	<u>COMMENT</u>
		<u>UNIT</u>	<u>COST</u>	<u>UNIT</u>	<u>COST</u>		
WEST DEPERE SCHOOL DISTRICT OF 400 REID ST SUITE W DE PERE WI 54115-2164	HELENA ST WD-117	0	\$0.00	0	\$0.00	\$0.00	Existing Storm Sewer on Helena Street. Already Connected (2/23/2017)
JANET A NOLAN 908 S SIXTH ST DE PERE WI 54115-1109	HELENA ST WD-6	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena / S Sixth Street.
DENISE KRAUSE 1000 HELENA ST DE PERE WI 54115-1160	1000 HELENA ST WD-758-L-72	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
HENRY P VAN NOIE 1001 HELENA ST DE PERE WI 54115-1159	1001 HELENA ST WD-758-L-150	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
TIMOTHY P FRITSCH 1014 HELENA ST DE PERE WI 54115-1160	1014 HELENA ST WD-758-L-71	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
DANIEL W VAN DEN ELZEN 1015 HELENA ST DE PERE WI 54115-1159	1015 HELENA ST WD-758-L-127	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
GERALD BATTEN 1020 HELENA ST DE PERE WI 54115-1160	1020 HELENA ST WD-758-L-70	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
JAMES A & PATRICIA K ENG W3595 JOANNE ST APPLETON WI 54913	1021 HELENA ST WD-758-L-126	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
JAMES T & CHARLOTTE A KUEHNI 1026 HELENA ST DE PERE WI 54115-1160	1026 HELENA ST WD-758-L-69	0	\$0.00	0	\$0.00	\$0.00	Connected through back yard to City Storm. 5.3.2017
HEIDI J PHILLIPS 1031 HELENA ST DE PERE WI 54115-1161	1031 HELENA ST WD-758-L-103	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.

Attachment: Report-Spec_Assess_Sch_D-Helena_Storm-Preliminary (5796 : Resolution BOPW 17-03,

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - HELENA STREET FROM SUBURBAN DRIVE TO S SIXTH STREET

COST PER UNIT - STORM MAIN: \$400.85
COST PER UNIT - STORM LATERAL: \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
	PARCEL NUMBER	UNIT	COST	UNIT	COST		
DAVID D BAETEN 604 HELENA ST DE PERE WI 54115-1152	602-604 HELENA ST WD-1-2	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena / S Sixth Street.
LUKE D SIGL 614 HELENA ST DE PERE WI 54115-1152	614 HELENA ST WD-1-1	1	\$400.85	1	\$1,749.92	\$2,150.77	
PHILIP R BROCHOCKI 615 HELENA ST DE PERE WI 54115-1151	615 HELENA ST WD-6-1	1	\$400.85	1	\$1,749.92	\$2,150.77	
MICHAEL R & THERESA A VANDERLEEST 1123 CLAYTON PL GREEN BAY WI 54302-2233	618-620 HELENA ST WD-3	1	\$400.85	1	\$1,749.92	\$2,150.77	
MARK E & ROBERTA S THIRY 621 HELENA ST DE PERE WI 54115-1151	621 HELENA ST WD-6-3	1	\$400.85	1	\$1,749.92	\$2,150.77	
BRAD W & AMY L CAVIL 2702 LAWRENCE DR DE PERE WI 54115	622-624 HELENA ST WD-4	1	\$400.85	1	\$1,749.92	\$2,150.77	
MARK W & TERRIE A KUSSOW 625 HELENA ST DE PERE WI 54115-1151	625 HELENA ST WD-6-4	1	\$400.85	1	\$1,749.92	\$2,150.77	
FRANCIS W & CHERYL A VLIES 718 E MISSION RD GREEN BAY WI 54301-1714	626 HELENA ST WD-5-2	1	\$400.85	1	\$1,749.92	\$2,150.77	
JARED J MILLER 1545 MALLARD ST GREEN BAY WI 54311	630-630-A HELENA ST WD-5-3	1	\$400.85	1	\$1,749.92	\$2,150.77	

Attachment: Report-Spec_Assess_Sch_D-Helena_Storm-Preliminary (5796 : Resolution BOPW 17-03,

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - HELENA STREET FROM SUBURBAN DRIVE TO S SIXTH STREET

COST PER UNIT - STORM MAIN: \$400.85
COST PER UNIT - STORM LATERAL: \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
	PARCEL NUMBER	UNIT	COST	UNIT	COST		
DALE J & PATRICIA A DEDERICH SR 631 HELENA ST DE PERE WI 54115-1151	631 HELENA ST WD-6-5	1	\$400.85	1	\$1,749.92	\$2,150.77	
ELIZABETH N JURECKI 638 HELENA ST DE PERE WI 54115	638 HELENA ST WD-5	1	\$400.85	1	\$1,749.92	\$2,150.77	
CF & SS LLC 493 NATHAN DR DE PERE WI 54115	639 HELENA ST WD-6-2-1	1	\$400.85	1	\$1,749.92	\$2,150.77	
NICHOLAS J & CASSANDRA J HOLSTEAD 1621 S PINE ST GRAFTON WI 53024	703-705 HELENA ST WD-118-2	1	\$400.85	1	\$1,749.92	\$2,150.77	
WEST DEPERE SCHOOL DISTRICT 400 REID ST STE W DE PERE WI 54115-2164	712 HELENA ST WD-118-1	1	\$400.85	1	\$1,749.92	\$2,150.77	
ALEX A RUSCH 731 HELENA ST DE PERE WI 54115-1153	731 HELENA ST WD-118-3	0	\$0.00	0	\$0.00	\$0.00	Existing Storm Sewer on Helena Street. Connection verified 3/6/2017
DAVID L & ANN M GUELIG 759 HELENA ST DE PERE WI 54115-1153	759 HELENA ST WD-708-J-2	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
JOHN M & SHOSHANNA R SMYSER 802 HELENA ST DE PERE WI 54115-1156	802 HELENA ST WD-758-L-82	0	\$0.00	0	\$0.00	\$0.00	Existing Storm Sewer on Helena Street. Connection verified by CKK.
ROY T & LUANN M WOODLAND 803 HELENA ST DE PERE WI 54115-1155	803 HELENA ST WD-758-L-198	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.

Attachment: Report-Spec_Assess_Sch_D-Helena_Storm-Preliminary (5796 : Resolution BOPW 17-03,

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
PRELIMINARY ASSESSMENTS
TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
LOCATION - HELENA STREET FROM SUBURBAN DRIVE TO S SIXTH STREET

COST PER UNIT - STORM MAIN:

\$400.85

COST PER UNIT - STORM LATERAL:

\$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
		UNIT	COST	UNIT	COST		
TINA M PARINS 812 HELENA ST DE PERE WI 54115-1156	812 HELENA ST WD-758-L-81	0	\$0.00	0	\$0.00	\$0.00	Existing Storm Sewer on Helena Street. Connection verified 3/6/2017
RYAN J KUHN & ASHLEY L WOODLAN-KUHN 821 HELENA ST DE PERE WI 54115-1155	821 HELENA ST WD-758-L-175	0	\$0.00	0	\$0.00	\$0.00	Existing Storm Sewer on Helena Street. Already Connected.
JILL M MOODY 822 HELENA ST DE PERE WI 54115-1156	822 HELENA ST WD-758-L-80	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
JOSEPH P & JODI M BERGNER JR 863 SUBURBAN DR DE PERE WI 54115-1026	863 SUBURBAN DR WD-758-L-68	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
KAY A PAITER 902 HELENA ST DE PERE WI 54115-1158	902 HELENA ST WD-758-L-77	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
LLOYD J & CAROL J BRAZEAU 903 HELENA ST DE PERE WI 54115-1157	903 HELENA ST WD-758-L-174	0	\$0.00	0	\$0.00	\$0.00	Existing Storm Sewer on Helena Street. Has lateral. Confirmed on 3/15/2017
NICHOLAS G EVENSON 905 OUTWARD AV DE PERE WI 54115-1134	905 OUTWARD AV WD-708-J-3	0	\$0.00	0	\$0.00	\$0.00	Existing Storm Sewer on Helena Street. Has lateral. Confirmed on 3/27/2017
DONALD R & DONNA K BOONE 910 FRIENDSHIP LN DE PERE WI 54115-1165	910 FRIENDSHIP LN WD-708-J-1	0	\$0.00	0	\$0.00	\$0.00	Existing Storm Sewer on Helena Street. Has lateral. Confirmed on 3/27/2017
LANCE A & SHANNA L KOLTZ 920 HELENA ST DE PERE WI 54115-1158	920 HELENA ST WD-758-L-76-A	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.

Attachment: Report-Spec_Assess_Sch_D-Helena_Storm-Preliminary (5796 : Resolution BOPW 17-03,

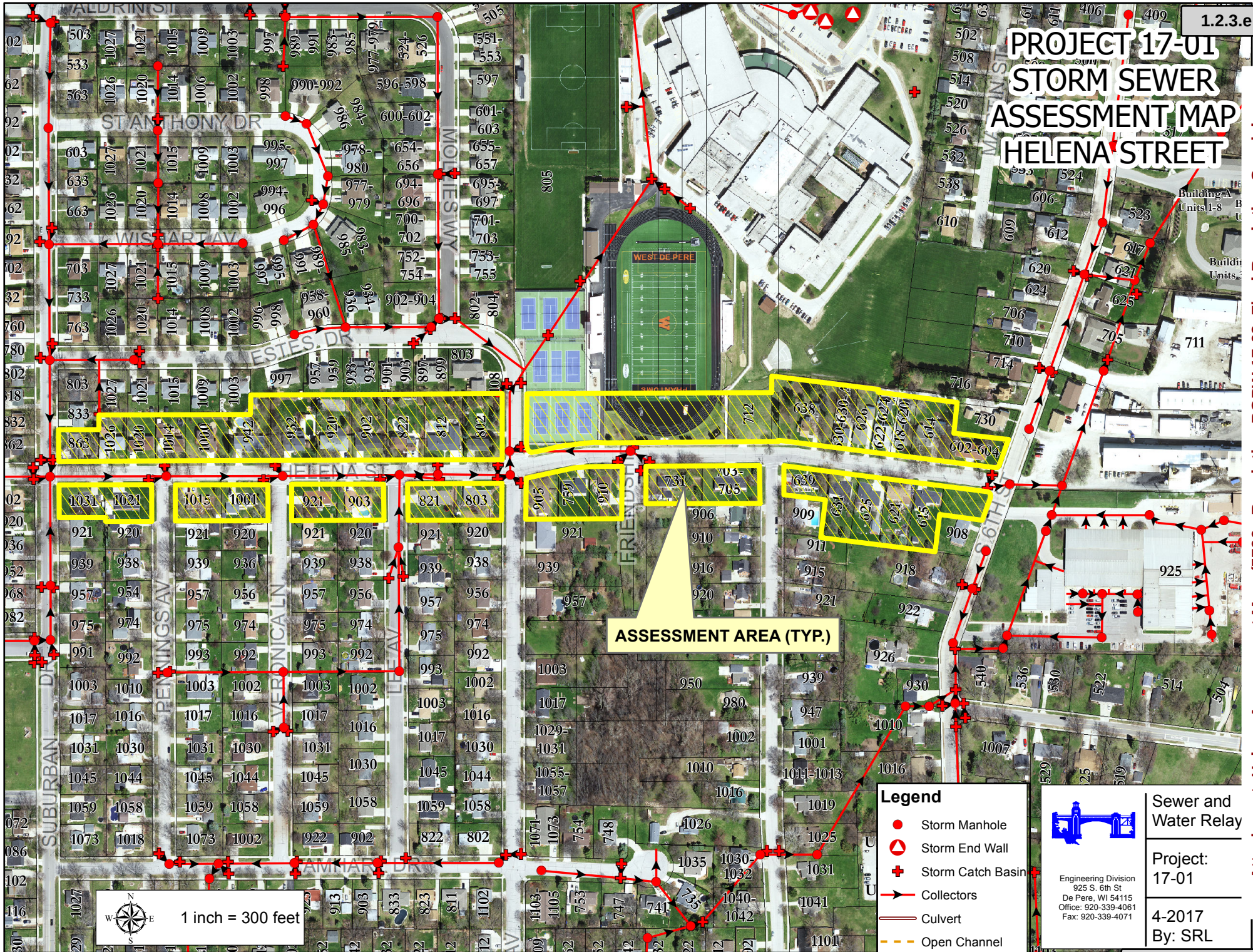
SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
 PRELIMINARY ASSESSMENTS
 TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
 LOCATION - HELENA STREET FROM SUBURBAN DRIVE TO S SIXTH STREET

COST PER UNIT - STORM MAIN: \$400.85
 COST PER UNIT - STORM LATERAL: \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
		UNIT	COST	UNIT	COST		
DARRELL/NANCY HENDRICKS 921 HELENA ST DE PERE WI 54115-1157	921 HELENA ST WD-758-L-151	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
SUSAN M MOREAU 932 HELENA ST DE PERE WI 54115-1158	932 HELENA ST WD-758-L-75	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street.
JAMES BRUSOE 942 HELENA ST DE PERE WI 54115-1158	942 HELENA ST WD-758-L-74	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing Storm Sewer on Helena Street. Does not have a legal connection.
TOTAL		13	\$5,211.05	31	\$54,247.52	\$59,458.57	

Attachment: Report-Spec_Assess_Sch_D-Helena_Storm-Preliminary (5796 : Resolution BOPW 17-03,

PROJECT 17-01 STORM SEWER ASSESSMENT MAP HELENA STREET



ASSESSMENT AREA (TYP.)

Legend

- Storm Manhole
- ◻ Storm End Wall
- ⊕ Storm Catch Basin
- Collectors
- Culvert
- - - Open Channel


Sewer and Water Relay

Project:
17-01

4-2017
By: SRL

Engineering Division
925 S. 6th St
De Pere, WI 54115
Office: 920-339-4061
Fax: 920-339-4071

Attachment: Helena Assessment Map (5796 : Resolution BOPW 17-03, Final Resolution Special

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Resolution BOPW 17-04, Final Resolution Authorizing Levying Special Assessments for Storm Sewer and/or Laterals on Project 17-01 Sewer and Water Relay and Street Resurfacing, Erie Street.

The purpose for this item is to approve the final resolution for special assessment for storm sewer and/or storm lateral construction associated with street resurfacing in 2017.

Background

The City is resurfacing S Erie Street from O'Keefe Road to Virginia Drive in 2017. The City has received a request for storm sewer laterals on S Erie Street between Rose Lane and Hockers Street. The installation of storm laterals conforms to the City Municipal Code Section 26-5-5 which states that:

- “(c) Street Resurfacing*
- (1) Installation. Storm sewer main and lateral installation to each lot of a record shall be constructed at during street resurfacing improvements when:*
- a. Requested by a property owner along the street to be resurfaced; or*
 - b. When ordered by the director of public works to address drainage issues*
- The location of the lateral installation shall be as determined by the city engineer or designee.”*

Assessments for these services shall be as provided in Code Section 13-7.

As calculated per Code Section 13-7 and approved by the BOPW, the costs for the 2017 storm sewer special assessment is as follows:

- Residential Properties
 - Storm Lateral Assessment - \$1749.92 per each
 - Storm Main Assessment - \$400.85 per parcel

The locations impacted by storm sewer assessments include:

- S Erie Street from Rose Lane to Hockers Street

Property owners have been notified several times of this project including:

- December 7, 2016 – Letter Notifying of Construction and City Public Information Meeting
- December 14, 2016 – Public Information Meeting
- February 9, 2017 – Letter Notifying of Storm Sewer Lateral Assessment and Public Information Meeting Invite
- February 23, 2017 – Public Information Meeting for Storm Sewer Lateral Assessment
- March 9, 2017- Letter Notifying of Board of Public Works Meeting
- April 10, 2017 - Preliminary Resolution
- April 27, 2017 – Letter Notification for Public Hearing

Code Section 13-7 d. further identifies procedures and pay options for the storm sewer special assessments as follows:

- d. *Public hearing. The board shall hold a public hearing on the assessments and after the hearing may by resolution approve, disapprove, modify, or refer the report with such directions as it deems necessary. The board shall provide for the following payment alternatives if it determines to assess for any of the improvements:*
 - i. *No interest imputed if payment of assessment made in full within 30 days of invoice;*
 - ii. *Payment in such number of yearly installments as deemed reasonable by the board, together with interest thereon at the rate of one percent over the interest rate paid by the city on its latest bonding issue, with payment in full due upon transfer of the property;*
 - iii. *Deferred payment of assessment with interest to accrue at the rate of one percent over the interest rate paid by city on its last bond issue, with the total becoming due on the earliest of the following:*
 - A. *Transfer of the benefited property to any other person or entity;*
 - B. *Subdivision of the benefited property;*
 - C. *Connection to the storm sewer;*
 - D. *The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.*
 - iv. *Interest on alternatives ii. and iii. above shall stop accruing after a period of ten years.*

The BOPW established a five year payback for assessments if payment is made the year when assessments come due. Under iii., property owners are not required to pay until they connect to the storm lateral, sell or subdivide the property, or 25 years, whichever occurs first.

Recommendation

Staff recommends that the Board of Public Works adopt the final resolution.

ATTACHMENTS:

- BPW Final Resolution BOPW #17-04 Erie Street (PDF)

- [CI-CALC_StormSewerCost-2017-Residential_Schedule_B](#) (PDF)
- [CI-CALC_StormSewerCost-2017-Residential_Schedule_C](#) (PDF)
- [Report-Spec_Assess_Sch_D-Erie_Storm-Preliminary](#) (PDF)
- [Erie Assessment Map](#) (PDF)

RESOLUTION BOPW #17-04

FINAL RESOLUTION AUTHORIZING STORM SEWER MAIN AND/OR LATERAL
CONSTRUCTION AND LEVYING SPECIAL ASSESSMENTS AGAINST BENEFITED
PROPERTY
(ERIE STREET)

WHEREAS, the Board of Public Works of the City of De Pere having declared its intention to exercise its police power to levy special assessments pursuant to Wis. Stats. §66.0703, for improvements constructed within the areas described below and special assessments to be levied on a reasonable basis upon the property benefited thereby. Said improvements to include storm sewer main and/or laterals. Said improvements shall be constructed in, and the properties benefiting therefrom are contained within, the following described areas or abutting streets:

STORM SEWER MAIN AND LATERALS

East side of Erie Street from Rose Lane to Hockers Street

WHEREAS, the Board of Public Works has published a Notice of Public Hearing regarding such improvements and, pursuant thereto, a public hearing has been held at the City Hall Council Chambers on the 8th day of May, 2017 at 7:30 p.m., whereupon the Board of Public Works heard all interested parties or their agents or attorneys;

NOW, THEREFORE, BE IT HEREBY RESOLVED, by the Board of Public Works of the City of De Pere, Wisconsin, that:

1. The report of the Board of Public Works of the City of De Pere, as compiled by the Director of Public Works, pertaining to the construction of the above described improvements, including plans and specifications therefore (as modified*) is hereby adopted and approved.

2. The Board of Public Works, based on its view of the property and its review of such report, determines that the above described properties are benefited by such public improvements and that the benefits and amounts assessed against each parcel on the basis shown in the report (as modified*), representing an exercise of police power, are determined to be on a reasonable basis and are hereby confirmed and approved.

3. Payment for the public improvements shall be made by assessing the cost therefore against the above described benefited properties as indicated in such report.

4. The assessments hereby levied for said improvements shall be:

- (1) paid in cash within thirty (30) days of invoice; or
- (2) paid in five (5) annual installments, together with interest on the unpaid balance at a rate of 3.5% if payment starts the year invoiced; or
- (3) deferred with interest to accrue at the rate of 3.5% with the total becoming due on the earliest of the following:
 - i. Transfer of the benefited property to any other person or entity;
 - ii. Subdivision of the benefitted property;
 - iii. Connection to the storm sewer;
 - iv. The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.

Interest on alternatives shall stop accruing after a period of ten years.

5. The total amount assessed benefited properties shall not exceed the total cost of the improvements.

6. The Clerk-Treasurer is hereby directed to publish this resolution in the Green Bay Press Gazette as a Class 1 Notice.

7. The Clerk-Treasurer is further directed to mail a copy of this resolution to the property owners whose names appear on the assessment roll whose address is known or can, with reasonable diligence, be ascertained.

8. If any section, sentence, or clause of this resolution or any special assessment set forth or referenced herein shall be declared invalid for any reason whatsoever, such decision shall not affect the remaining sections or assessments approved herein, which shall remain in full force and effect.

9. This resolution shall remain in full force and effect from and after its passage and publication according to law.

Adopted by the Board of Public Works of the City of De Pere, Wisconsin, this 8th day of May, 2017.

APPROVED:

Michael J. Walsh, Mayor and Chair of the Board
of Public works

Ayes:_____

Nays:_____

* Strike if not modified by the Board of Public Works

Schedule B
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Mainline Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-02	Remove and Replace 12" PCV or RCP Storm Sewer	LF	376	\$49.00	\$18,424.00	
14-07	ST-01	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	350	\$50.74	\$17,759.00	
15-01	ST-04	Remove and Replace 12" PCV or RCP Storm Sewer	LF	648	\$49.00	\$31,752.00	
15-07	ST-01	Remove and Replace 12" PCV or RCP (Class III) Storm Sewer	LF	797	\$50.51	\$40,256.47	
16-02	ST-06	Provide 12" PVC Storm Sewer	LF	609	\$45.00	\$27,405.00	
16-07	ST-02	Remove and Replace 12" PVC or RCP (Class III) Storm Sewer	LF	119	\$62.00	\$7,378.00	
Total				2899		\$142,974.47	
Average Cost Per Foot						\$49.32	

Schedule B
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Lateral Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-17	Provide 6" PVC Storm Sewer Lateral	LF	3053	\$42.00	\$128,226.00	Average length of lateral is based on a 60 foot right of way and several laterals being connected to inlets.
16-07	ST-04	Provide 6" PVC Storm Sewer Lateral	LF	187	\$41.00	\$7,667.00	
Total				3240		\$135,893.00	
Average Cost Per Foot						\$41.94	
Average Cost per Lot at 30 Feet of Lateral (100% to Resident)						\$1,258.27	

Storm Wye Cost

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
16-02	ST-14	Provide Storm Tee 12"X 6"	EA	9	\$200.00	\$1,800.00	
Total				9.00		\$1,800.00	
Average Cost Per Wye						\$200.00	

Schedule B
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7 - Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Storm Sewer Manhole

Project	Bid Item	Bid Item Description	Unit	Quantity	Cost	Total	Comment
14-01	ST-08	Provide 4' Diameter Storm Manhole	VF	15.14	\$430.00	\$6,510.20	
14-07	ST-03	Install 4' Diameter Storm Manhole	VF	8.74	\$405.90	\$3,547.57	
15-01	ST-09	Remove and Replace 4' Diameter Storm Manhole	VF	55.89	\$377.00	\$21,070.53	
15-07	ST-06	Install 4' Diameter Storm Manhole	VF	60.3	\$454.61	\$27,412.98	
16-02	ST-20	Remove and Replace 4' Diameter Storm Manhole	VF	73.74	\$275.00	\$20,278.50	
16-07	ST-07	Remove and Replace 4' Diameter Storm Manhole	VF	24.96	\$490.00	\$12,230.40	
Total				238.77		\$91,050.18	
Cost Per Foot						\$381.33	
Cost for a 5 foot Deep Manhole						\$1,906.65	
Average Per Foot Cost with a 300 Foot Spacing						\$6.36	

Schedule C
Estimate of Proposed Improvement - Residential
Calculations Based on Municipal Code 13-7
Approved By the Board of Public Works on February 13, 2017
City of De Pere
Date: 4/10/17

Storm Mainline Cost

Item Description	Cost Per LF	Comment
12" Storm Sewer Main	\$49.32	300 foot spacing with a 5' depth
4' Diameter Storm Manhole	\$6.36	
Mainline Cost Per Street Foot	\$55.67	60 foot wide lot
Cost Per Side of Street	\$27.84	
Cost Per Lot	\$1,670.22	
Assessable Amount (20%)	\$334.04	Remaining 80% funded by Storm Water Utility
Engineering and Administration	\$66.81	
Total Mainline Costs	\$400.85	

Storm Lateral Cost

Item Description	Cost Per EA	Comment
6" Storm Lateral	\$1,258.27	30 foot average length. Some laterals will be connected to inlets.
Storm Wye Cost	\$200.00	
Assessable Amount (100%)	\$1,458.27	
Engineering and Administration	\$291.65	
Total Lateral Costs	\$1,749.92	

Total Cost

Mainline	\$400.85
Storm Lateral	\$1,749.92
Total Cost	\$2,150.78

SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS
 PRELIMINARY ASSESSMENTS
 TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS
 LOCATION - S ERIE STREET FROM ROSE LANE TO HOCKERS STREET

COST PER UNIT - STORM MAIN: \$400.85
 COST PER UNIT - STORM LATERAL: \$1,749.92

PROPERTY OWNER	LOT NO. PROPERTY ADDRESS PARCEL NUMBER	STORM MAIN ASSESSMENT		STORM LATERAL ASSESSMENT		TOTAL ASSESSMENT	COMMENT
		UNIT	COST	UNIT	COST		
KEITH D DAHLKE 4024 HALF CROWN RN DE PERE WI 54115	1101-1103 S ERIE ST ED-1128-F-16	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
KEITH D DAHLKE 4024 HALF CROWN RN DE PERE WI 54115	1113-1115 S ERIE ST ED-1128-F-15	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
RICK A BERGEON 1147 S ERIE ST DE PERE WI 54115-3111	1147 S ERIE ST ED-1128-F-5	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
RENWEN YU 1498 PARKWAY DR GREEN BAY WI 54304	1301-1305 ROSE LN ED-124-S-9	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
BERNICE TRINKNER LE 1155 S ERIE ST DE PERE WI 54115-3111	1155 S ERIE ST ED-1128-F-13	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
MICHAEL L & LINDY G BETHKE 999 SPRINGFIELD DR DE PERE WI 54115	1201-1203 S ERIE ST ED-1128-6-2-C	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
TITLETOWN HOMES PO BOX 12034 GREEN BAY WI 54307	1197-1199 S ERIE ST ED-1128-6-2	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
KYLE R BRITTNACHER 1210 ROBIN ST DE PERE WI 54115	1191-1193 S ERIE ST ED-1128-6-2-A	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
LEE ROFFERS 1185 S ERIE ST DE PERE WI 54115-3111	1185 S ERIE ST ED-1128-6-2-B	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
DEPERE HOUSING AUTHORITY 850 MORNING GLORY LN DE PERE WI 54115-1300	1175 S ERIE ST ED-1128-6-1-B	0	\$0.00	1	\$1,749.92	\$1,749.92	Existing storm sewer on S Erie Street
TOTAL		0	\$0.00	10	\$17,499.20	\$17,499.20	

Attachment: Report-Spec_Assess_Sch_D-Erie_Storm-Preliminary (5798 : Resolution BOPW 17-04, Final



City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Approval of the Board of Public Works April 10, 2017 Meeting Minutes.

ATTACHMENTS:

- BOPW April 10, 2017 Draft Meeting Minutes (PDF)



Board of Public Works

Regular Meeting

335 South Broadway
De Pere, WI 54115
<http://www.de-pere.org>

Draft Minutes

Monday, April 10, 2017

7:30 PM

De Pere City Hall Council Chambers

I. Call to Order

The meeting was called to order at 7:30 PM by

Attendee Name	Title	Status	Arrived
James Boyd	Aldersperson	Present	
Dan Carpenter	Aldersperson	Present	
Ryan Jennings	Aldersperson	Present	
Dean Raasch	Aldersperson	Present	
Michael J. Walsh	Mayor	Present	

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

II. Public Comment

None

III. Items

- Approval of the Board of Public Works March 13, 2017 Meeting Minutes.

Aldersperson Carpenter moved to approve the March 13, 2017 Board of Public Works meeting minutes, Aldersperson Raasch seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dan Carpenter, Aldersperson
SECONDER:	Dean Raasch, Aldersperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

- Consider Preliminary Resolution for Special Assessment for Storm Sewer Main and/or Laterals for Huron Street.

Eric Rakers, City Engineer, reviewed the storm sewer preliminary assessment for main and or laterals on Huron Street. He reviewed the calculations per code that are used to determine the assessments. Residential assessments are different amounts than non-residential assessments. He stated that all parcels from George Street to Ridgeway Boulevard on Huron Street will be assessed. He reviewed the various options for payments.

Mayor Walsh moved to open the meeting, Aldersperson Boyd seconded the motion. Upon vote, the motion passed and the meeting was opened at 7:38pm to allow residents to address the Board.

Don Mjelde asked what the percent interest would be that would accrue on the unpaid assessments. Eric Rakers, City Engineer, stated that he was not sure what the current rate is but it usually is whatever the City pays in interest plus 1%.

Mayor Walsh moved to return to regular order, Aldersperson Raasch seconded the motion and the Board returned to regular session at 7:40pm.

Eric Rakers stated that there are various options for payment of the assessments, including no interest charged if the assessment is paid in 30 days. He also stated that

invoices do not get sent until the job is complete, which is generally around the end of September.

Mayor Walsh moved to adopt the preliminary resolution for storm sewer assessment for Huron Street and schedule a public hearing at the Board of Public Works meeting on May 8, 2017, Alderperson Raasch seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Michael J. Walsh, Mayor
SECONDER:	Dean Raasch, Alderperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

3. Consider Preliminary Resolution for Special Assessment for Storm Sewer Main and/or Laterals for East & West Vista Circle.

Eric Rakers, City Engineer, reviewed the storm sewer assessments for East and West Vista Circle. The parcels being assessed are all of East and West Vista Circle starting and ending at Stevens Street. He explained that they would be replacing watermain and adding storm sewer where the City doesn't have any. The whole corridor is to be assessed at the residential rate. Payments options are the same as for Huron Street. Alderperson Jennings asked why two parcels along Stevens Street were not being assessed. The City Engineer stated that the two parcels do not have frontage within the project limits.

Mayor Walsh moved to open the meeting to allow public input, Alderperson Jennings seconded the motion. Upon vote, the motion passed and the meeting was opened at 7:44pm. Steve Hendricks presented questions regarding the resurfacing of the street. Eric Rakers explained that, his particular property is already hooked up to storm sewer, so he would not be getting assessed. He then reviewed the construction process. Steve Hendricks also asked about two properties that may have originally tied in together. The City Engineer explained that the downstream property owner would not be assessed because he is connected to the City sewer and a new separate lateral would be installed and assessed to the upstream property owner. He also explained that for those property owners who have storm main in front of their property they will only get assessed for the storm lateral. Phil Rickert questioned whether the City would restore any driveway aprons that might be damaged in the construction process. Engineer Rakers responded the City replaces the water services up to the curb box and that any slabs that are damaged will be replaced and warrantied for one year. He stated that the contractor has been instructed to take pictures of the slab and the homeowner should also. Phil Rickert also asked what type of back fill is used. Eric Rakers explained that anything under hard surface is gravel back filled, and in yards they use clay or hard material. Mayor Walsh moved to return to regular session, Alderperson Raasch seconded the motion. Upon vote, the motion passed and the meeting was returned to regular session at 7:50PM.

Alderperson Raasch moved to adopt the preliminary resolution for storm sewer lateral and mains on East and West Vista Circle and schedule a public hearing at the Board of Public Works meeting on May 8th, 2017. Alderperson Boyd seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Alderperson
SECONDER:	James Boyd, Alderperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

4. Consider Preliminary Resolution for Special Assessment for Storm Sewer Main and/or Laterals for Helena Street.

Eric Rakers, City Engineer, reviewed the storm sewer assessments for Helena Street, explaining that there have been drainage issues on adjacent streets which they hope to alleviate. He reviewed the cost structure as in the other storm sewer assessments. Mayor Walsh moved to open the regular session to allow public input, Alderperson Raasch seconded the motion. Upon vote, the motions passed and the meeting was opened at 7:54pm. Dan Van Den Elzen questioned just what was being assessed. City Engineer Rakers confirmed that there was storm sewer in front of his property so that he would be assessed just for the 6" PVC lateral in the amount of \$1,749.92. Jody (no last name was given) asked about parking during construction. Eric Rakers explained that during utility work right in front of a house, access to the driveway will be restricted but should be available at the end of the day. He reviewed the parking procedure during construction. The contractor will be notifying property owners in a timely manner regarding access, trying verbally to reach residents and also placing a flyer. In regard to utility service Engineer Rakers stated that there would not be a loss of electric or gas, but the water service would be interrupted at some point. He also stated that he would have staff check up on Jody's water relay to make sure that it had been done at the right depth to prevent freezing. In answer to Jody's question, he stated that the street was not being widened and the only assessments would be for storm sewer main and/or laterals. Kay Paiter asked about connecting to storm sewer and the purpose of putting storm sewer laterals in if you didn't have to connect. Engineer Rakers explained that it was for both current usage and future planning that some people may want to connect now to alleviate drainage issues. Kay Paiter also asked about restoration and Engineer Rakers reviewed the restoration policy, which includes a one year warranty that requires the contractor to come back to address. He encouraged residents to wait until the project was complete and call with any complaints regarding restoration. She was concerned also that her tree would be impacted. Engineer Rakers said that her tree may be impacted but that the City strives to minimize the number of trees that are in a project. Jody asked one more question in regard to decorative stone placement in front of her house and the construction. Dan Van Den Elzen asked to clarify what might happen moving his curb box behind the sidewalk.

Mayor Walsh moved to return to regular session, Alderperson Raasch seconded the motion. Upon vote, the motion passed and the meeting returned to regular session at 8:12 pm.

Scott Thoresen, Director of Public Works, explained that at the Public Information meeting, residents were reminded that if they did decide to hook up to the storm sewer lateral they need to hire a contractor to do that and they would need to pay for a City inspection fee, currently at \$125.00. The Mayor added that residents are not being charged for the project engineers coming to look at the issues.

Alderperson Raasch moved to adopt the preliminary resolution for storm sewer main and or laterals on Helena Street and to schedule a public hearing at the Board of Public Works on May 8, 2017, Alderperson Boyd seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Alderperson
SECONDER:	James Boyd, Alderperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

5. Consider Preliminary Resolution for Special Assessment for Storm Sewer Main and/or Laterals for Erie Street.

Eric Rakers, City Engineer, reviewed the resurfacing project for Erie Street from O'Keefe to Virginia stating that there have been some drainage concerns in the past between Rose and Hockers. This project looks at adding storm laterals to the east side of the street and would all be residential assessments.

Mayor Walsh moved to open the meeting for public input, Alderperson Raasch seconded the motion. Upon vote, the motion passed and the meeting was opened at 8:18pm.

Lee Roffers, a resident on S Erie Street, explained that he went to the Public Information meeting and he took pictures to show that he does not have a drainage issue and he is not sending water onto his neighbors' property. He claimed that the pictures the City took indicated snow and when it melted there was no water present. He stated that the water belongs to his neighbor. Mr. Roffers stated that he asked the City who complained about drainage and staff would not tell him.

Mayor Walsh moved to return to regular order, Alderperson Raasch seconded the motion. Upon vote, the motion passed, and the meeting returned to regular order at 8:25pm.

Mayor Walsh assured residents that the City does not share the names of anyone who complains about anything in the City. Eric Rakers, City Engineer, reviewed the City's policy on lateral placement stating that laterals are in the process of being placed so that they are accessible to all parcels in the community. Storm laterals alleviate backyard drainage issues. The drainage in areas like Erie Street have Type C soil, which is predominantly clay and doesn't absorb the water. Sump pumps in such areas tend to run continuously during wet seasons. Engineer Rakers stated that the City does not pick specific residences for laterals, everyone on the block will get the storm sewer laterals. Discussion followed.

Alderperson Carpenter moved to open the meeting, Alderperson Jennings seconded the motion. Upon vote, the motion passed and the meeting was re-opened at 8:30pm.

Lee Roffers added that he feels his block is being penalized. He stated that his property is higher than his neighbors. The City Engineer provided pictures showing ponding in the backyard off of Erie and drainage flowing off Mr. Roffers' property. Mr. Roffers claimed that it's winter snow in the pictures and has nothing to do with his sump pump. Mayor Walsh moved to return to regular session, Alderperson Carpenter seconded the motion. Upon vote, the motion passed and the meeting returned to regular session at 8:32pm.

Mayor Walsh reminded residents that there are several options for payment for the storm sewer assessment, including over a 5 year period.

Alderperson Raasch moved to adopt the Preliminary Resolution for Erie Street and schedule a public hearing at the Board of Public Works meeting on May 8th, 2017, Alderperson Boyd seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Alderperson
SECONDER:	James Boyd, Alderperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

6. Discuss Assessments for 844 and 846 Oak Street.

Eric Rakers, City Engineer, reviewed the request for reconsideration of assessments at 844 and 846 Oak Street that had been presented at the previous Board of Public Works meeting. He reviewed the formula for assessments and explained that as in this case where the laterals were put in the same trench, this does not save the City money and the contractors don't get paid more or less for trenching them together. The lateral assessment is the same for all benefitting properties, regardless of the length of the lateral.

Mayor Walsh moved to open the meeting for comment, Alderperson Raasch seconded the motion. Upon vote, the motion passed and the meeting was opened at 8:38pm. Joe Henrigillis asked for a variance in charges on the assessments for 844 and 846 Oak Street. He stated that he feels that legally the cost should be split as there was only one dig for a trench. Lance Skaleski complained that his lateral was placed too close to his neighbor's (12" apart) and on the property line which would make it difficult to hook up without messing up his neighbor's yard. There is a retaining wall where the lateral should have been placed. Engineer Rakers stated that this was the first he had heard that the lateral was misplaced and said that he would look into why the lateral was placed where it was. He will arrange a meeting with the contractor and the property owners to discuss. Scott Thoresen, Director of Public Works, explained that the assessment formula is not dependent on the means and methods of construction but that everyone in the assessed area gets the same benefit and the same assessment based on an overall 3 year average. There cannot be a reduction in assessment because of different means or methods that were used.

Mayor Walsh moved to return to regular session, Alderperson Boyd seconded the motion. Upon vote, the motion passed and the meeting returned to regular session at 9:00pm.

7. Consider Award of Contract 17-13 Crackfilling.*

Alderperson Raasch moved to approve the award of contract for Project 17-13 Crackfilling to Precision Sealcoating, Inc. in the amount of \$84,375.00. Alderperson Carpenter seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Alderperson
SECONDER:	Dan Carpenter, Alderperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

8. Consider Award of Contract for 17-19 Mudjacking.*

Alderperson Raasch moved to approve the award of contract for Project 17-19 Mudjacking to Badger Concrete Lifting, LLC in the amount of \$6, 670.00. Alderperson Boyd seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Alderperson
SECONDER:	James Boyd, Alderperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

9. Consider Award of Contract 17-19A Sidewalk Grinding.*

Alderperson Raasch moved to approve the award of contract for Project 17-19A Sidewalk Grinding to American Pavement Solutions, Inc. in the amount of \$17,980.00. Alderperson Jennings seconded the motion. Upon vote, the motion passed.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Dean Raasch, Alderperson
SECONDER:	Ryan Jennings, Alderperson
AYES:	Boyd, Carpenter, Jennings, Raasch, Walsh

IV. Future Agenda Items

None

V. Adjournment

Mayor Walsh moved to adjourn the Board of Public Works April 10, 2017 meeting, Alderperson Jennings seconded the motion. Upon vote, the motion passed and the meeting was adjourned at 9:00pm

Respectfully submitted,
Pam Denis

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Consider Board of Public Works Vice Chairperson.

Section 6-4(b), De Pere Municipal Code, provides that the Mayor shall act as the Chairperson of the Board of Public Works Committee. The ordinance further requires the Committee to annually elect a vice-chair of the Board of Public Works Committee.

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Award for Proposal for Main Avenue and Lawrence Drive Roundabout.*

The City of De Pere is proposing the construction of a multi-lane roundabout at the intersection of Main Avenue and Lawrence Drive. This intersection currently consists of Main Avenue running east and west, Lawrence Drive to the south, and several private driveways on the north, at or in the intersection. Main Avenue is an urban arterial street with an average daily traffic (ADT) of approximately 18,000. Lawrence Drive is collector with approximately 6,800 ADT.

Several years ago, two parcels at the intersection were annexed into the City. New development is planned in the annexed area and other properties in the City. The City will be funding the project through a Tax Incremental Finance District from additional development.

With the construction of the roundabout, four driveway accesses will be eliminated from the north side of Main Avenue. A new street (Lawrence Drive) will be constructed to the north. The drives will be relocated to north Lawrence Drive.

The Engineering Department received proposal for design and construction services for the Main and Lawrence roundabout. The proposed construction of the roundabout has two options, one with the intersection being completely closed, and one with eastbound traffic being maintained throughout construction. The proposal included construction administration costs for each construction option. These construction options are going to be discussed with the businesses in the near future and then presented to the Council. The major decision point is a shorter construction period and cost (full closure) versus less disruption to the public (partial closure). The proposals received are as follows:

Consultant	Design Amount	Construction Administration (Full Closure)	Construction Administration (Partial Closure)
JT Engineering	\$134,800	\$86,780	\$129,620
Ayres and Associates	\$144,885	\$97,718	\$142,358
DLZ National, Inc.	\$303,510	\$135,890	\$202,810

Funding will be from capital projects fund. The staff recommendation is to award the project to JT Engineering in the amount of \$264,420 (assumes construction administration for a partial

closure). The construction administration is based on an estimated construction time frame. Staff recommends a 10% contingency be set aside (\$26,440) for additional engineering and construction administration on the project in case construction delays occur.

ATTACHMENTS:

- CE-RFP-Main-Lawrence_Roundabout (PDF)
- DePere Main & Lawrence project - JT Engineering Proposal (PDF)
- De Pere roundabout_Ayres (PDF)
- DLZ Proposal Letter (4-27-17)(PDF)

Request for Proposals For Main Avenue and Lawrence Drive Roundabout

The City of De Pere would like to invite your firm to submit a proposal for the design and construction management for a roundabout at the intersection of Main Avenue and Lawrence Drive.

Your proposal must be submitted to our office by 3:00 PM on April 27, 2017. Proposals can be submitted electronically.

GENERAL INFORMATION:

The City of De Pere is proposing the construction of a multi-lane roundabout at the intersection of Main Avenue and Lawrence Drive. This intersection currently consists of Main Avenue running east and west, Lawrence Drive to the south, and several private driveways on the north, at or in the intersection. Main Avenue is an urban arterial street with approximately 18,000 ADT. Lawrence Drive is collector with approximately 6,800 ADT.

The Main Avenue and Lawrence Drive intersection was reconstructed in 2011 as part of the WisDOT IH 41 project as a signalized intersection. A roundabout was evaluated at that time, but not chosen due to time constraints of the IH 41 project and costs.

Since that project, two parcels at the intersection have been annexed into the City. New development is planned in the annexed area and other properties in the City. The City will be funding the project through a Tax Incremental Finance District from additional development. There is no state or federal funds included in this project.

With the construction of the roundabout, four driveway accesses will be eliminated from the north side of Main Avenue. A new street (Lawrence Drive) will be constructed to the north. The drives will be relocated to north Lawrence Drive.

The City hired a consultant to complete a preliminary design of the roundabout. The design included gathering information on peak hour volumes (2015), projecting 20-year volumes (2035), running models (Sidra, HCS, and Rodel), and creating a roundabout design (attached).

The proposed roundabout is located just east of the northbound IH 41 on and off ramp intersection (roundabout) and west of a signalized intersection at Main and Tenth. Main Avenue is a City street. Due to the proximity of the proposed roundabout to the IH 41 roundabout, WisDOT approval will be required for the project. The proposed design and access changes (elimination of drives and addition of north Lawrence Drive) were submitted to the WisDOT. Preliminary WisDOT approval was received on March 15, 2017. A copy of the letter is attached. The approval is contingent on the following:

- The final roundabout design must be approved by WisDOT.
- There shall be a minimum of 275' from end of splitter-island for northbound I-41 ramp to end of splitter-island of the new roundabout at Lawrence.

- There shall be no driveways on either side of the north leg of the roundabout for 150' from the yield line.
- All access rights for the properties lying west of Lawrence drive on the north side of Main Street shall be deeded to the DOT.
- Signal detection will be required on Main Street between Tenth Street and Lawrence so that if the eastbound traffic queue at Tenth Street approaches the roundabout, Main Street will be allowed to clear to prevent traffic backing up into the roundabout.
- Final redesign of the park and ride lot must be approved by the DOT.
- The City will need to work with the DOT to purchase whatever park and ride land or other DOT owned land that is needed (DOT contact Curt VanErem 920-360-3791).

The proposed roundabout impacts the WisDOT park and ride lot located at the southwest corner of the intersection. WisDOT is requiring that the park and ride be redesigned so that there is no net loss of parking stalls. The City created a concept of the modified park and ride with no net loss of stalls. A copy has been attached.

The roundabout is to be constructed in 2018. Two different construction concepts have been completed for the project. One concept for the construction is a full closure of the intersection with traffic detoured around Mid Valley Drive, Grant Street, and Ninth Street. The second concept is to maintain eastbound traffic throughout construction and detour westbound traffic.

The scope of services for the proposed roundabout includes design and construction. For construction, two different options will be required, depending on a full closure of Main Avenue and Lawrence Drive (12 weeks) or partial closure (20 weeks)

SCOPE OF SERVICES AND CITY RESPONSIBILITIES FOR DESIGN:

Scope of design services:

- Topographic Survey
Complete a topographic survey of the entire project area for design. Call in locates and survey all existing utilities.
- Phase I Hazardous Materials Investigation for the right of way to be acquired.
- Soil Borings
Complete soil borings as determined by the consultant for the pavement design report.
- Pavement Design Report
Based on the soil borings, determine the required pavement thickness. Main Avenue and South Lawrence Drive will be concrete pavement. North Lawrence Drive will be concrete from the roundabout to the end of the splitter island and asphalt concrete pavement from the splitter island to the north.
- Utility Coordination
Coordinate with all utilities located within the project corridor.
- Sanitary Sewer, Water Main, and Storm Sewer Design
Design sanitary sewer, water main, and storm sewer within the project limits. The sanitary

sewer and water main will be designed to service future development north on Lawrence Drive. The City has a preliminary layout (see attached) and will assist with the ultimate service areas for the utilities. Create a design for storm sewer to service the Main Avenue and Lawrence Drive roundabout. The City designs for a 5-year rain event using the rational method. There is mainline storm sewer in the project corridor. The consultant will design the storm sewer to service road and be sized to service some of the adjacent properties. Create plan and profile sheets for the sanitary sewer and water main design. Create plan and profile sheets with the storm sewer and street design.

- **Storm Water Management**
The existing storm water from the site is treated to 40% TSS reduction by a regional pond located on the west side of IH 41 on the north side of Main. Prepare required WDNR storm water permits.
- **Right of Way Plat**
Complete by July 31, 2017, a right of way plat for the right of way to be acquired by the City showing at least the following:
 1. Schedule of interests;
 2. Beginning and ending stations;
 3. Survey line or centerline for alignments;
 4. The old and new right of way limits with sufficient ties to the survey line to allow for legal descriptions of the areas to be acquired;
 5. Parcel identification numbers shown;
 6. Area of parcel to be acquired;
 7. Area of any parcel remnants.
- **Roundabout Design**
Complete the design of the roundabout, including all legs with the limits as shown on the exhibits. Create plan and profile sheets, typical sections, cross sections, joint layout, detailed plans for the construction, pavement marking and other sheets required to construct the roundabout. Utilize the preliminary design attached as a guide.
- **Provide a landscaping plan for the roundabout and splitter islands.**
Create a plan utilizing City standards for landscaping in roundabouts. Provide details and plans for splitters islands following the City standard of red colored concrete with a stamped brick.
- **Park and Ride Design**
Create a design for the modifications to the park and ride to maintain the existing number of stalls. Create plan and profile sheets, detailed plans, and pavement marking plans and other sheets required to construct the lot. Include plans for the relocation/removal/addition of street lights.
- **Traffic Signal upgrades at Main Avenue and Tenth Street to accommodate the advanced detection at the roundabout.**
Design upgrades to the Main and Tenth Street signal for advanced detection at the Main Avenue and Lawrence Drive roundabout. The control cabinet for this signal also controls the Main and Lawrence signal. Create plans, details, and diagrams for the work at the signal.
- **Plan Set Preparation**
Provide a cover sheet for City signatures, standard symbol and abbreviation sheet, and

construction detail sheets.

- Bid Document Preparation

Prepare project manual, technical specifications, bid items and associated measurement for payment descriptions following City format. Provide in a Word document. Provide a cost estimate for storm sewer and roundabout/street construction.

- Bid Project

Prepare bid documents. Assist the City in answering bidder questions. Assist in the preparation of any addenda required that is related to the consultants design responsibilities. The City will publish the bid ad in the paper and post the bid documents on QwestCDN.

In addition to the above detailed items, coordinate the design, reviews, and approval of the final design with WisDOT.

In addition to the detailed scope of services, include seven meetings for the project. Meetings will consist of the following:

1. Kickoff meeting.
2. Business meeting
3. WisDOT Meeting
4. Design review meeting – 30%
5. Design review meeting – 60%
6. Design review meeting – 90%.
7. Design meeting with the Board of Public Works
8. Design meeting with the Common Council.

The majority of correspondence and review will be completed via e-mail.

City responsibilities and information to be provided:

- Obtaining detour route approvals.
- Pay regulatory permit fees
- Provide parcel maps in AutoCAD
- Provide the preliminary roundabout, sanitary sewer, and water main design in AutoCAD
- Provide the preliminary report in .pdf
- Provide City roundabout landscaping standards in .pdf
- Provide preliminary park and ride layout in .pdf
- Provide drainage basin area in an AutoCAD
- Provide the City draft project manual in Microsoft Word
- Provide 2017 City of De Pere Standard Specifications – .pdf
- Provide a generic list of City bid items in an Excel format.
- Open bids.

The City will advertise the project. The consultant will provide the project manual and plans for bidding the project. The project manual will include the technical specifications, bid items, and measurement for payment items to the City. The bid items and corresponding measurement for

payment descriptions will follow the City format.

The project will be posted on QuestCDN by the City. The consultant will be available to answer bid questions.

SCOPE OF SERVICES AND CITY RESPONSIBILITIES FOR CONSTRUCTION:

For roundabout construction, two different options will be required, depending on a full closure of Main Avenue and Lawrence Drive (12 weeks) or partial closure (20 weeks). In addition to the roundabout construction, we are anticipating an additional two weeks of construction for sanitary sewer and water main while the intersection is open to traffic.

The consultant will submit two different proposals for construction services, depending on which construction alternative is chosen by the City. For both proposals, the following tasks will be required for the storm sewer and roundabout construction:

- Host a preconstruction meeting at the City. Prepare all documentation for the meeting.
- Review and approve shop drawings for the project.
- Perform construction staking.
- Provide full time construction observation for sanitary sewer, water main, and storm sewer construction. Perform full time inspection during concrete paving and partial inspection during other phases of street construction.
- Complete record survey and record drawings for construction.

The scope of services for construction will include an item for additional design/sheet creation that will be required if the City chooses the option for maintaining east bound traffic throughout construction.

SCHEDULING:

The schedule for the project is as follows:

- Receive proposals by April 27, 2017
- Award the proposal at the Board of Public Works on May 8th and the Common Council on May 16th.
- Begin design as soon as the agreement is signed (around June 1, 2017)
- Complete the right of way plat by July 31, 2017
- Advertise project in January 2018
- Bid opening and award in February of 2018
- Begin utility construction in April of 2018
- Begin roundabout construction in May of 2018
- Complete roundabout construction by the end of September of 2018.

INSURANCE:

Your company shall effect and maintain insurance to protect from claims under workmen's compensation acts; claims for damages because of bodily injury including personal injury, sickness or disease, or death of any of the company's employees; and from claims for damages because of injury to or destruction of tangible property including loss of use resulting there from; and from claims arising out of the performance of professional services caused by any errors, omissions or negligent acts for which the company is legally liable.

The company shall indemnify and save harmless the City of De Pere and their representatives from all suits, actions, or claims of any character brought for or on account of any injuries or damages received by any person, persons or property resulting from the negligent acts of the company or of any of their sub consultants in prosecuting the work.

FEE:

A fee schedule has been included for use on your proposal.

DELIVERY:

The deliverables for the project as identified which may include the following:

1. Plans in AutoCAD and .pdf for insertion on the bid documents. The City will bid the project on-line with the 11"x17" .pdf. plan set.
2. Provide technical specifications for bidding.
3. Provide bid items, quantities, and an engineer's estimate. The bid items are to be provided in a Word document. The estimate is to be provided in an Excel document.
4. Provide hard copy documentation and electronic files for the pavement design report and Phase I hazardous report.
5. Provide regulatory approvals.

The City will advertise and bid the project. The plans will be inserted into a City plan set. The City will provide the cover sheet. Additionally, the City will insert the technical specifications into the bid document. The City will provide the other components to the bid documents, such as notice to bidders, instructions to bidders, agreement, and general conditions.

ADDITIONAL INFORMATION:

A sample consultant agreement is attached.

Proposed Fee Schedule

Company Name:_____

Company Address:_____

Company Address:_____

Company Representative:_____

Signature:_____

Fee (Design):_____

Fee (Construction – Complete Closure):_____

Fee (Construction – Partial Closure):_____

DESIGN		
Topographic Survey	\$	
Phase I Hazardous Investigation	\$	
Soil Borings	\$	
Pavement Design Report	\$	
Utility Coordination	\$	
Sanitary Sewer, Water Main, and Storm Sewer Design	\$	
Storm Water Management and Permitting	\$	
Right of Way Plat	\$	
Roundabout Design	\$	
Landscape Plan	\$	
Park and Ride Design	\$	
Traffic Signal Upgrades	\$	
Plan Set Preparation	\$	
Bid Document Preparation	\$	
Bid Project	\$	
	Per Meeting	Total
Meetings (8 Total)	\$	\$
TOTAL DESIGN COST		

CONSTRUCTION – COMPLETE CLOSURE – 12 WEEKS		
Attend Preconstruction Meeting	\$	
Review Shop Drawings	\$	
Perform Construction Staking – 120 Hours of Crew Time (Estimate)	PER Hour \$	\$
Perform Construction Administration – 160 Hours (Estimate)	PER Hour \$	\$
Perform Construction Observation – 760 Hours (Estimate)	PER Hour \$	\$
Complete Record Drawings	\$	
TOTAL CONSTRUCTION COST – COMPLETE CLOSURE	\$	

CONSTRUCTION – PARTIAL CLOSURE – 20 WEEKS		
Additional Design for Phasing	\$	
Attend Preconstruction Meeting	\$	
Review Shop Drawings	\$	
Perform Construction Staking – 180 Hours of Crew Time (Estimate)	PER Hour \$	\$
Perform Construction Administration – 220 Hours (Estimate)	PER Hour \$	\$
Perform Construction Observation – 960 Hours (Estimate)	PER Hour \$	\$
Complete Record Drawings		
TOTAL CONSTRUCTION COST – PARTIAL CLOSURE	\$	



April 27, 2017

ATTN: Mr. Eric P. Rakers, PE
 City of De Pere
 925 South Sixth Street
 De Pere, WI 54115-1199

Subject: Request for Qualifications for Design and Construction Management for Proposed Roundabout at Main Avenue and Lawrence Drive

Dear Mr. Rakers,

I am pleased to present our proposal to complete the design and construction management for the proposed roundabout at Main Avenue and Lawrence Drive to the City of De Pere. JT Engineering, Inc. is a woman-owned firm that was founded in 2005. Our team of experienced staff is fully dedicated to providing cost-effective transportation solutions for our clients, and we look forward to this opportunity to serve the City of De Pere. We view each project as a partnership and will listen to your needs, goals, and concerns while making successful delivery our top priority.

Our team's project manager will be Jed Munroe, PE. Jed is a WisDOT-qualified level 3 roundabout designer. He has focused on roundabout design for the past 9 years and has served in a similar capacity on a project in Neenah, WI. He provided design services for the horizontal layout, signing, marking, landscaping, traffic control staging and QA/QC on the remaining elements for four roundabouts on Winneconne Avenue and Green Bay Road. Our assistant project manager will be Andy Block PE. Andy has completed multiple PS&E packages for WisDOT's Northeast region and will be a valuable asset to our team. Our design team will also include Brad Groh, PE. Brad is a WisDOT-qualified level 1 roundabout designer and will primarily focus on the vertical design of the proposed roundabout.

JT Engineering has a large team of highly talented construction professionals based within a close proximity to the De Pere area, all of which have experience to help adequately assist with the field observation and construction administration of this project.

Our team of design and construction professionals work closely together, utilizing our past project experiences and lessons learned to deliver high-quality, cost-effective designs that exceed our client's expectations. We appreciate your consideration of JT Engineering, Inc. and look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Craig Treadway'.

Craig Treadway, PE
 Vice President
 JT Engineering, Inc.

Proposed Fee Schedule

Company Name: JT Engineering, Inc.

Company Address: 1077 Centennial Centre Blvd.

Company Address: Hobart, WI 54155

Company Representative: Craig Treadway, P.E.

Signature: 

Fee (Design): \$134,800.00

Fee (Construction – Complete Closure): \$86,780.00

Fee (Construction – Partial Closure): \$129,620.00

DESIGN		
Topographic Survey	\$4,000.00	
Phase I Hazardous Investigation	\$3,200.00	
Soil Borings	\$2,750.00	
Pavement Design Report	\$1,300.00	
Utility Coordination	\$5,300.00	
Sanitary Sewer, Water Main, and Storm Sewer Design	\$9,400.00	
Storm Water Management and Permitting	\$1,900.00	
Right of Way Plat	\$8,000.00	
Roundabout Design	\$42,800.00	
Landscape Plan	\$2,250.00	
Park and Ride Design	\$6,100.00	
Traffic Signal Upgrades	\$5,200.00	
Plan Set Preparation	\$32,800.00	
Bid Document Preparation	\$4,000.00	
Bid Project	\$1,000.00	
Meetings (8 Total)	Per Meeting	Total
	\$600.00	\$4,800.00
TOTAL DESIGN COST	\$134,800.00	

CONSTRUCTION – COMPLETE CLOSURE – 12 WEEKS		
Attend Preconstruction Meeting	\$1,380.00	
Review Shop Drawings	\$920.00	
Perform Construction Staking – 120 Hours of Crew Time (Estimate)	PER Hour \$96.00	\$11,520.00
Perform Construction Administration – 160 Hours (Estimate)	PER Hour \$92.00	\$14,720.00
Perform Construction Observation – 760 Hours (Estimate)	PER Hour \$73.00	\$55,480.00
Complete Record Drawings	\$2,760.00	
TOTAL CONSTRUCTION COST – COMPLETE CLOSURE	\$86,780.00	

CONSTRUCTION – PARTIAL CLOSURE – 20 WEEKS		
Additional Design for Phasing	\$16,500.00	
Attend Preconstruction Meeting	\$1,380.00	
Review Shop Drawings	\$1,380.00	
Perform Construction Staking – 180 Hours of Crew Time (Estimate)	PER Hour \$96.00	\$17,280.00
Perform Construction Administration – 220 Hours (Estimate)	PER Hour \$92.00	\$20,240.00
Perform Construction Observation – 960 Hours (Estimate)	PER Hour \$73.00	\$70,080.00
Complete Record Drawings	\$2,760.00	
TOTAL CONSTRUCTION COST – PARTIAL CLOSURE	\$129,620.00	

April 27, 2017

Eric P. Rakers, PE, City Engineer
 Scott Thoresen, PE, Director of Public Works
 City of De Pere
 erakers@mail.de-pere.org
 sthoresen@mail.de-pere.org

Re: Proposal – Main Avenue and Lawrence Drive Roundabout

Dear Mr. Rakers and Mr. Thoresen:

Ayres Associates gives you superior in-house roundabout design and construction management services to make the project at Main Avenue and Lawrence Drive a success. We are ready to go to work with you to complete your important project – on time and on budget. We offer the City of De Pere the following benefits:

- **Unmatched roundabout expertise.** With **Kevin Kuhlow**, PE, as our lead roundabout designer, the City will work with one of the leading roundabout designers in the United States. He brings over 21 years of transportation design experience and is **qualified as a Wisconsin Department of Transportation (WisDOT) Level 3 roundabout designer**, the state's highest level.
- **Just down the road.** We have a vested interest in making sure everything goes smoothly on this project, which is **just 2 miles and a 5-minute drive from our office in Ashwaubenon**. Our employees drive through this intersection daily, and we hope to deliver an award-winning project that makes the City proud.
- **This is what we do.** From roundabout design to coordinating with WisDOT to transportation construction management, this project falls right in our wheelhouse. Ayres Associates has been providing high-quality transportation services to Wisconsin clients for more than 58 years.
- **Urban design experience.** Urban street reconstruction is a core service in our Ashwaubenon office. From Oneida Street in Ashwaubenon to Waldo Boulevard in Manitowoc, we have worked extensively throughout northeastern Wisconsin on urban projects just like yours.

Thank you for this opportunity to present our proposal. We look forward to working with you to improve the safety and function of the Main Avenue/Lawrence Drive intersection. If you have any questions or need more information, please contact either of us.

Sincerely,

Ayres Associates Inc



Troy B. Robillard, PE
 Manager – Transportation Services-East
 800.678.4828
 RobillardT@AyresAssociates.com



Eric Sorensen, PE
 Vice President
 800.666.3103
 SorensenE@AyresAssociates.com

TBR:tdp

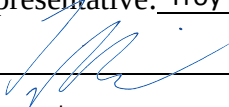
Proposed Fee Schedule

Company Name: Ayres Associates

Company Address: 3376 Packerland Drive

Company Address: Ashwaubenon, WI 54115

Company Representative: Troy B. Robillard, PE

Signature: 

Fee (Design): \$144,885

Fee (Construction – Complete Closure): \$97,718

Fee (Construction – Partial Closure): \$142,358

Attachment: De Pere roundabout_Ayres (5807 : Consider Award for Proposal Main Ave and Lawrence Dr Roundabout*)

DESIGN		
Topographic Survey	\$ 7,998	
Phase I Hazardous Investigation	\$ 1,129	
Soil Borings	\$ 2,175	
Pavement Design Report	\$ 1,129	
Utility Coordination	\$ 3,764	
Sanitary Sewer, Water Main, and Storm Sewer Design	\$ 8,481	
Storm Water Management and Permitting	\$ 6,233	
Right of Way Plat	\$ 7,595	
Roundabout Design	\$ 38,452	
Landscape Plan	\$ 2,500	
Park and Ride Design	\$ 3,665	
Traffic Signal Upgrades	\$ 2,900	
Plan Set Preparation	\$ 29,734	
Bid Document Preparation	\$ 16,225	
Bid Project	\$ 3,305	
Meetings (8 Total)	Per Meeting	Total
	\$ 1,200	\$ 9,600
TOTAL DESIGN COST	\$ 144,885	

CONSTRUCTION – COMPLETE CLOSURE – 12 WEEKS		
Attend Preconstruction Meeting	\$ 1,804	
Review Shop Drawings	\$ 1,904	
Perform Construction Staking – 120 Hours of Crew Time (Estimate)	PER Hour \$ 165	\$ 19,800
Perform Construction Administration – 160 Hours (Estimate)	PER Hour \$ 113	\$ 18,080
Perform Construction Observation – 760 Hours (Estimate)	PER Hour \$ 73	\$ 55,480
Complete Record Drawings	\$ 650	
TOTAL CONSTRUCTION COST – COMPLETE CLOSURE	\$ 97,718	

CONSTRUCTION – PARTIAL CLOSURE – 20 WEEKS		
Additional Design for Phasing	\$ 13,360	
Attend Preconstruction Meeting	\$ 1,804	
Review Shop Drawings	\$ 1,904	
Perform Construction Staking – 180 Hours of Crew Time (Estimate)	PER Hour \$ 165	\$ 29,700
Perform Construction Administration – 220 Hours (Estimate)	PER Hour \$ 113	\$ 24,860
Perform Construction Observation – 960 Hours (Estimate)	PER Hour \$ 73	\$ 70,080
Complete Record Drawings	\$ 650	
TOTAL CONSTRUCTION COST – PARTIAL CLOSURE	\$ 142,358	



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

April 27, 2017

Mr. Eric P. Rakers, P.E.
City Engineer
City of De Pere
925 South Sixth Street
De Pere, WI 54115-1199

RE: Letter Proposal – Main Avenue and Lawrence Drive Roundabout Design and Construction Management Services

Dear Mr. Rakers:

DLZ National, Inc. is pleased to present this letter proposal in response to the issued Request for Proposals (RFP) and the attached fee sheet for your consideration. DLZ is a full-service architecture, engineering, planning, surveying and construction services firm and a Minority-Owned Business Enterprise (MBE) that has been operating in the Midwest since 1916. DLZ will be the prime consultant for this project and will be responsible for roundabout design, drainage design, lighting design, maintenance of traffic design, landscaping design, pavement marking/signing design, park and ride design, and overall management and administration.

We are proud to have two exceptional firms on our team as subconsultants. Short, Elliott, Hendrickson, Inc. (SEH) will be responsible for signal design, survey, Right of Way (ROW) plat, utility coordination, utility design, permits, hazardous materials, construction services, and Quality Assurance/Quality Control (QA/QC) reviews.

River Valley Testing Corp will be in charge of geotechnical investigations and pavement design recommendations.

Key staff proposed for the project include:

- Matt Hamel, P.E. – Project Manager (DLZ)
- Sean Riley, P.E. – Roundabout Design, WisDOT Level 2 Qualified Designer (DLZ)
- Wes Butch – Quality Manager, WisDOT Level 3 Qualified Designer (DLZ)
- William Zipp, P.E. – QA/QC (DLZ)
- Jeff Swenson, P.E. – Lighting Design (DLZ)
- Robert Sherman, RLA – Landscape and Parking Lot Design (DLZ)
- Jeff Saxby – SEH Team Lead (SEH)
- Keith Kindred – Survey (SEH)
- Ryan Sauter – Hazardous Material Assessment (SEH)
- Josh Woller – Traffic Signal Design (SEH)
- Alex Saunders – Utility Coordination, Water Main and Sanitary Sewer Design, QA/QC (SEH)



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

Mr. Eric Rakers, P.E.
City of De Pere
Main Avenue/Lawrence Drive Roundabout
Page 2 of 3

- Ryan Van Camp – Storm Water Permitting (SEH)
- Jason Cance – ROW Plat (SEH)
- Kristen Fuller – Construction Oversight (SEH)

We have also developed clarifications to the scope and assumptions that were the basis for our proposed fees. They are as follows:

1. Our base design fee for the roundabout street lighting is based on photometrics and the design of the standard LED street lighting luminaire and pole used by the City of De Pere (City) including providing receptacles for each light. Our base design fee is based on the City providing direction for which luminaire and pole the City would like to use.
2. Our base design fee does not include photometrics for the relocation of the park and ride lighting. The park and ride lighting will use WisDOT's standard light fixtures, poles, and foundations matching what is currently in the park and ride.
3. Our base design fee is based on the design of a maximum of two proposed non-decorative sign bridges per City Standards and assumes that the WisDOT sign bridge on WB Main Avenue will not need to be relocated. Our base design fee assumes that details for the City's standard sign bridge used on previous City projects will be provided for our design.
4. Our base design fee does not include specialized geotechnical design if poor soils are encountered.
5. Our base design fee is based on cross section sheets with a 50-foot spacing. Our base design fee does not include modeling the splitter islands and central roundabout island in 3D and showing them in the cross sections. Our base design fee also does not include showing existing or proposed underground utilities (including storm sewer) on the cross sections.
6. Our base design fee does not include leading any public involvement/business coordination beyond the meetings listed in the RFP.
7. Our base design fee is based on developing a maximum of two exhibits per meeting listed in the RFP and does not include developing any additional exhibits or flyers.
8. Our base design fee does not include additional traffic analysis (beyond what has already been completed for previous studies) for the proposed roundabout or for maintenance of traffic.
9. Our base design fee is based on developing 11x17 plans per the City's standards and typical plan format and assumes we will receive AutoCAD/Civil3D seed files that the City typically uses to develop their plans.
10. Our base design fee also assumes we will receive a sample set of plans in PDF and AutoCAD format that we can use to develop our plans.
11. Our base design fee is based on developing 11x17 plan and profile sheets at 40-scale.
12. Our design fee for additional design for phased construction is based on developing 11x17 plan sheets at 80-scale.
13. Our base design fee is based on using aerial imagery provided by the City as a background for developing detour plans.



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

Mr. Eric Rakers, P.E.
City of De Pere
Main Avenue/Lawrence Drive Roundabout
Page 3 of 3

14. Our base design fee is based on sending our milestone submittals to WisDOT for review. We anticipate that the meeting with WisDOT will be after the 30% plans are developed so we can incorporate any comments they have early in the design process.
15. Our base design fee includes updating the roundabout design exhibits that were provided during the study but does not include creating any additional roundabout design exhibits.
16. Our base design fee does not include any oversized/overweight truck design or investigation.
17. Our base design fee is based on utilizing a manufacturer supplied design for any retaining walls that are needed.
18. Our base design fee assumes that the existing storm sewer trunk line along Main Avenue that drains to WisDOT's pond will remain and can handle any additional flow from the roundabout. Our base design fee does not include any specialized BMP design and assumes that the storm water will be sufficiently treated by WisDOT's pond. Our base design fee does not include any retention/detention pond design.
19. Our base design fee assumes that the proposed park and ride will not have curb and gutter or an enclosed drainage system matching the existing park and ride.
20. Our base design fee assumes that all borings can be done with a truck mounted rig and that an ATV mounted rig will not be necessary.

The Standard Terms and Conditions, as set forth as attached Exhibit A, are incorporated here into and made a part of this proposal. The Client referred to in the Standard Terms and Conditions refers to the City of De Pere. If you approve and accept this proposal, please sign, date and return one copy of this letter for our records. Should you prefer to issue a Purchase Order as your official acceptance, we request that you reference this proposal in your paperwork.

DLZ appreciates this opportunity to be considered for this important project. If you have any questions, do not hesitate to contact our office.

Sincerely,

DLZ NATIONAL, INC.

Manoj Sethi, P.E.
Vice President

Approved and Accepted

Signature _____
Printed Name _____
Title _____
Date _____

Attachments: Fee Sheet, Standard Terms and Conditions

V:\Opportunities\Madison\2017\Federal\{MA170004NA} City of De Pere WI - Roundabout Design Main Ave and Lawrence Dr\Working Proposal\DLZ Proposal Letter (4-27-17).docx

Attachment: DLZ Proposal Letter (4-27-17) (5807 : Consider Award for Proposal Main Ave and Lawrence Dr Roundabout*)

Proposed Fee Schedule

Company Name: DLZ National, Inc.
 Company Address: 2810 Crossroads Drive, Suite 4000, Madison, WI 53718
 Company Representative: Manoj Sethi, P.E. 
 Signature: _____
 Fee (Design): \$ 303,510.00
 Fee (Construction - Complete Closure): \$ 135,890.00
 Fee (Construction - Partial Closure): \$ 202,810.00

DESIGN		
Topographic Survey	\$	13,060.00
Phase I Hazardous Investigation	\$	6,020.00
Soil Borings	\$	8,730.00
Pavement Design Report	\$	5,330.00
Utility Coordination	\$	12,540.00
Sanitary Sewer, Water Main, and Storm Sewer Design	\$	14,900.00
Storm Water Management and Permitting	\$	7,540.00
Right of Way Plat	\$	10,880.00
Roundabout Design	\$	65,170.00
Landscaping Plan	\$	5,720.00
Park and Ride Design	\$	14,280.00
Traffic Signal Upgrades	\$	8,630.00
Plan Set Preparation	\$	82,560.00
Bid Document Preparation	\$	21,070.00
Bid Project	\$	6,050.00
Meetings (8 Total)	Per Meeting	Total
	\$ 2,628.75	\$ 21,030.00
TOTAL DESIGN COST	\$	303,510.00

CONSTRUCTION - COMPLETE CLOSURE - 12 WEEKS		
Attend Preconstruction Meeting	\$	570.00
Review Shop Drawings	\$	1,900.00
Perform Construction Staking - 120 Hrs of Crew Time (Estimate)	Per Hour \$ 112.33	\$ 13,480.00
Perform Construction Administration - 160 Hrs (Estimate)	Per Hour \$ 151.19	\$ 24,190.00
Perform Construction Observation - 760 Hrs (Estimate)	Per Hour \$ 113.38	\$ 86,170.00
Complete Record Drawings	\$	9,580.00
TOTAL CONSTRUCTION COST - COMPLETE CLOSURE	\$	135,890.00

CONSTRUCTION - PARTIAL CLOSURE - 20 WEEKS		
Additional Design for Phasing	\$	31,000.00
Attend Preconstruction Meeting	\$	570.00
Review Shop Drawings	\$	1,900.00
Perform Construction Staking - 180 Hrs of Crew Time (Estimate)	Per Hour \$ 98.56	\$ 17,740.00
Perform Construction Administration - 220 Hrs (Estimate)	Per Hour \$ 150.82	\$ 33,180.00
Perform Construction Observation - 960 Hrs (Estimate)	Per Hour \$ 113.38	\$ 108,840.00
Complete Record Drawings	\$	9,580.00
TOTAL CONSTRUCTION COST - PARTIAL CLOSURE	\$	202,810.00

EXHIBIT A**DLZ'S STANDARD TERMS AND CONDITIONS**

1. INVOICE AND PAYMENT PROCEDURES: DLZ shall submit invoices, once a month, at a minimum, to the CLIENT for Services accomplished during each calendar month.

The CLIENT hereby agrees that payment will be made for DLZ's Services within thirty (30) days from the date of the invoice; and, in default of such payment, hereby agrees to pay all cost of collection, including reasonable attorney's fees, regardless of whether legal action is initiated. The CLIENT hereby acknowledges that unpaid invoices shall accrue interest at 18 percent per annum after they have been outstanding for over thirty (30) days. If an invoice remains unpaid sixty (60) days after the date of the invoice, DLZ may, upon giving seven (7) days written notice of its intent to do so, suspend all Services on the CLIENT's project. This suspension shall remain in effect until all unpaid invoices are paid in full. If an invoice remains unpaid ninety (90) days after the date of the invoice, DLZ may, upon giving seven (7) days written notice of its intent to do so, declare CLIENT to be in breach of this Agreement and pursue its remedies for collection.

2. CONSTRUCTION SERVICES: Construction Phase Services are not intended to include exhaustive detailed inspections of contractor work but site observations to become generally familiar with and to keep CLIENT informed about the progress and quality of work. The Contractor is solely responsible for its compliance or noncompliance with the Contract Documents. If, under this Agreement, professional services are provided during the construction phase of the project, DLZ shall not be responsible for or have control over contractor means, methods, techniques, sequences, or procedures; or for safety precautions and programs in connection with the Work. Nor shall DLZ be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents or for Contractor's failure to comply with applicable laws, ordinances, rules or regulations. Under no circumstances will DLZ have any direct contractual relationship with the Construction Manager, Contractor, any subcontractors, material suppliers or other consultants unless DLZ and the CLIENT expressly agree otherwise in writing. CLIENT agrees that DLZ will perform on-site construction observation for this project and that such services will not be performed by others.

3. SUBSURFACE INVESTIGATION: DLZ makes no representations concerning soil conditions unless specifically included in writing in this Agreement, and DLZ is not responsible for any liability that may arise out of the making or failure to make soil surveys, or sub-surface soil tests, or general soil testing.

4. AGENCY REVIEW: In the event that, due to a change in applicable laws or a change in the requirements or policies of a governmental agency after the date of this Agreement, additional office or field work is required, said additional work shall be paid for by CLIENT as extra work.

5. SURVEY STAKING: In the event that any survey staking is disturbed by an act of God or parties other than DLZ, the cost of restaking shall be paid for by CLIENT as extra work.

6. MISCELLANEOUS EXPENSES: The CLIENT shall pay the costs of checking and inspection fees, zoning and annexation application fees, assessment fees, soils engineering fees, soils testing fees, aerial topography fees, and all other fees, permits, bond premiums, title company charges, blueprints and reproductions, and all other charges not specifically covered by the terms of this Agreement.

7. CHANGE OF SCOPE: The scope of Services set forth in this Agreement is based on facts known at the time of execution of this Agreement, including, if applicable, information supplied by DLZ and CLIENT. DLZ will promptly notify CLIENT of any perceived changes of scope in writing and the parties shall negotiate modifications to this Agreement before commencement of any change in scope.

8. SAFETY: DLZ shall establish and maintain programs and procedures for the safety of its employees. DLZ specifically disclaims any authority or responsibility for general job site safety and safety of persons other than DLZ employees.

9. REUSE OF PROJECT DELIVERABLES: Reuse of any documents or other deliverables, including electronic media, pertaining to the Project by CLIENT for any purpose other than that for which such documents or deliverable were originally prepared, or alternation of such documents or deliverables without written verification or adaptation by DLZ for the specific purpose intended, shall be at CLIENT's sole risk.

10. OPINIONS OF CONSTRUCTION COST: Any opinion of construction costs prepared by DLZ is supplied for the general guidance of the CLIENT only. Since DLZ has no control over competitive bidding or market conditions, DLZ cannot guarantee the accuracy of such opinions as compared to contract bids or actual cost to CLIENT.

11. INSURANCE: DLZ will maintain insurance coverage for Professional, Comprehensive General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with all legal requirements and DLZ business requirements. Certificates evidencing such coverage will be provided to CLIENT upon request. For projects involving construction, CLIENT agrees to require its construction contractor, if any, to include DLZ as an additional insured on its policies relating to the Project. DLZ coverage referenced above shall, in such case, be excess over contractor's primary coverage.

12. INDEMNITY: To the fullest extent permitted by law, DLZ shall indemnify and save harmless CLIENT from and against liability and damages sustained by CLIENT, its employees, and representatives by reason of injury or death to persons or damage to tangible property to the proportionate extent caused directly by the negligence of DLZ or its employees.

13. LIABILITY: No employee of DLZ, its parent, subsidiary or affiliate companies, shall have individual liability to CLIENT. DLZ's total liability to CLIENT, and CLIENT's coverage under any of DLZ's insurance policies as an additional insured, if provided, for any and all injuries, claims, losses, expenses or damages arising out of DLZ's Services or this Agreement from any causes including, but not limited to, DLZ's negligence, error, omissions, strict liability, or breach of contract shall not exceed the total compensation received by DLZ under this Agreement. If CLIENT desires a limit of liability greater than provided above, CLIENT and DLZ shall include in the Agreement the amount of such limit and the additional compensation to be paid to DLZ for assumption of such risk.

14. PREVAILING PARTY LITIGATION COSTS: In the event any actions are brought to enforce this Agreement, the prevailing party shall be entitled to collect its litigation costs from the other party. Any litigation shall be governed by the laws of the state in which the Project is located. The sole venue for any lawsuit filed as a result of this Agreement is the county in which the project is located.

15. AUTHORITY: The persons signing this Agreement warrant that they have the authority to sign as, or on behalf of, the party for whom they are signing.

16. STATUTE OF LIMITATIONS: To the fullest extent permitted by law, parties agree that, except for claims for indemnification, the time period for bringing claims regarding DLZ's performance under this Agreement shall expire one year after Project Completion.

17. SCHEDULE: DLZ shall not be responsible for the Contractor's schedule or failure to carry out the Work in accordance with the Contract documents. DLZ shall not have control over or charge of acts or omissions of the Contractor, Subcontractors, or their agents or employees, or any other persons performing portions of the Work.

18. SHOP DRAWINGS: DLZ will review shop drawings solely for general conformance with design concept, and not for the purpose of reviewing or approving their accuracy, completeness, dimensions or quantities, constructability, performance, compatibility with other construction components, or their compliance with the requirements of the Contract Documents, such as Buy America requirements, all of which remain the responsibility of the Contractor. DLZ's review also is not for the purpose of reviewing or approving the Contractor's safety precautions or construction means, methods, techniques, sequences or procedures.

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Parks, Recreation & Forestry

FROM: Marty Kosobucki

SUBJECT: Consider Options for Replacing Reid Street Banner Poles.*

The City owns an overhead street pole on Reid Street that supports street signs and banners. Unfortunately a part of the pole system broke a short time back. Staff has investigated several options and we are recommending proposing the replacement of the overhead street pole in the 2018 Budget.

The extended arm used to hang banners broke off during high winds, swung down and hit a vehicle. Fortunately no one was injured. I have included photos of the overhead street pole when it was supporting a banner, and also a photo of after one of the banner posts broke off.

Staff investigated various options, of which follow.

- 1 - Repairing the banner pole. The various companies we talked with were not interested due to liability reasons. Our own staff indicated that repairing the poles would not be a good option due to their condition.
- 2 – Remove the other banner support post and simply have the poles support the street signs. We did not receive favorable support for this as the posting of banners in our City is a unique attraction.
- 3 - Remove banner post and find alternate location for banner. Several locations were considered and our City Administrator consulted with Definitely De Pere. The recommendation was to not relocate the banner, as it is felt the current location is the best.
- 4 – Replace overhead street pole. The cost to replace is as follows:

\$40,000	New banner pole system
\$ 5,000	New bases/foundation
\$ 5,000	Pole installation
\$ 5,000	Engineering
<u>\$ 5,000</u>	Contingency (banner lift kit)
\$60,000	Total

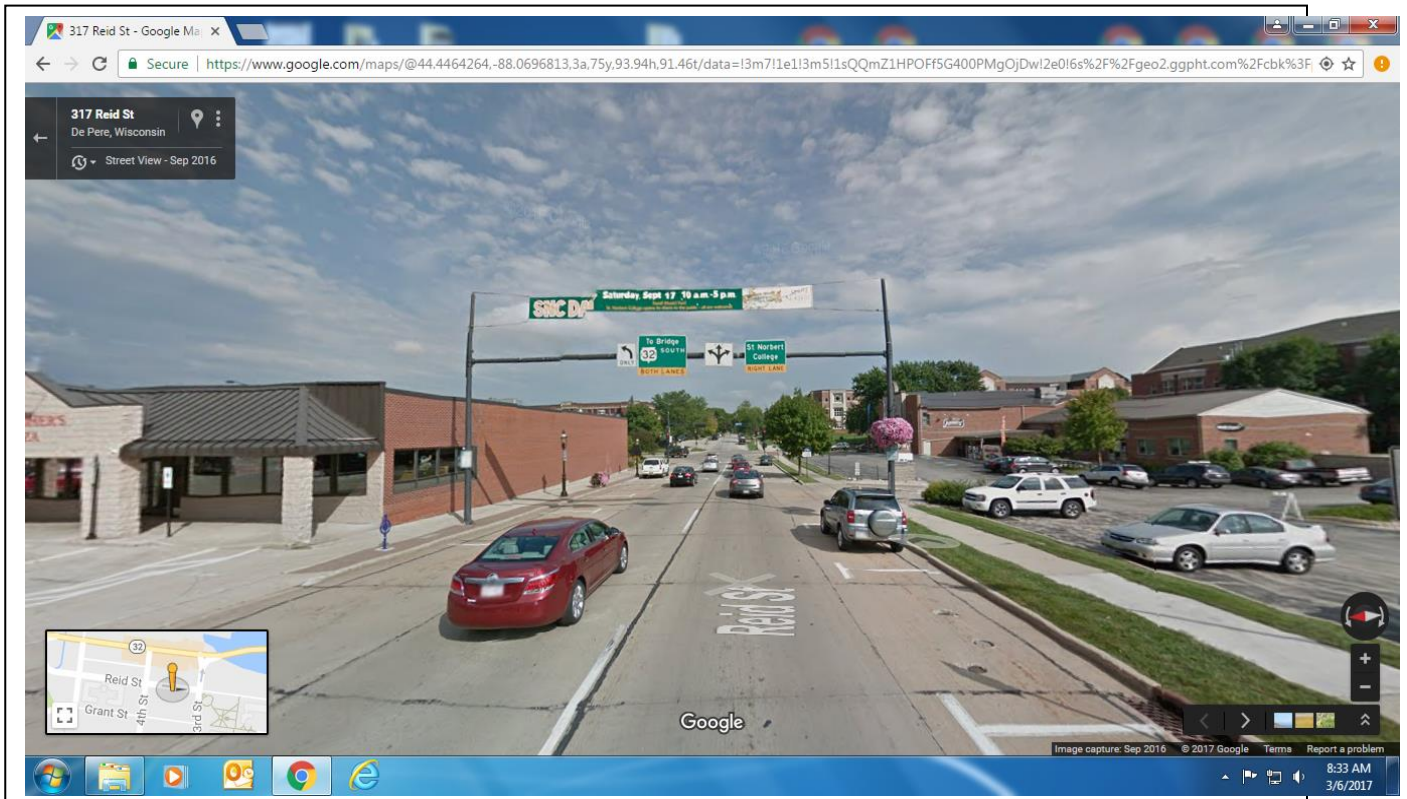
If the Board of Public Works agrees the banner pole should be replaced, a decision will need to be made on either proposing the banner pole be replaced with the 2018 Budget or request replacement with undesignated reserves.

ATTACHMENTS:

- Memo.Banner Pole repair (PDF)



Overhead Street pole with broken banner support pole



Overhead Street pole

Attachment: Memo.Banner Pole repair (5777 : Consider Options for Replacing Reid Street Banner Poles)

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Swan Road Extension Agreement between the City of De Pere and the Green Bay Metropolitan Sewerage District.*

The Green Bay Metropolitan Sewerage District (GBMSD) is extending the Swan Road Interceptor in 2017. This interceptor is designed to provide sanitary sewer service to the City of De Pere and Town of Ledgeview. In the City, the interceptor will provide service to 294.2 acres. Some of this area is already developed south of Rockland Road and west of CTH PP. The area that is already developed currently flows through a Town of Ledgeview sanitary sewer. The City does not have an agreement with the Town for use of this sewer. Upon completion of the interceptor, the City sewer will be disconnected from the Town sewer and reconnected to the interceptor.

The Swan Road Interceptor ultimately discharges to the Charles Street Interceptor. The Charles Street Interceptor has limited capacity at this time. GBMSD is proposing to upsize the Charles Street Interceptor in 2018. As part of the agreement, the City is not able to discharge additional wastewater from the future service area to the Swan Road Interceptor until the Charles Street Interceptor is upsized. The City will not be charged for the Swan Road Interceptor until the Charles Street Interceptor is upsized.

There are two charges associated with the Swan Road Interceptor that will be charged in 2018 area as follows:

- Swan Road Interceptor \$204,126.51
- Downstream Capacity \$236,509.94

These costs are based on calculation from GBMSD and received on February 17, 2017. The Swan Road Interceptor cost is the City's share (based on flow) of the cost to extend the Swan Road Interceptor. The downstream capacity charge is the City's cost (again based on flow) for the use of existing Swan Road Interceptor downstream of the newly constructed interceptor.

The City costs were included in the 2017 budget in the amount of \$500,000 from the Sewage Revenue Fund.

Staff recommends approval of the agreement.

ATTACHMENTS:

- Swan Rd Draft Extension Agreement R8 4-27-17 (PDF)

SWAN ROAD EXTENSION AGREEMENT 2017

THIS SWAN ROAD EXTENSION AGREEMENT 2017, is made and entered this ____ day of _____, 2017, by and among **THE GREEN BAY METROPOLITAN SEWERAGE DISTRICT** (“GBMSD”), **THE CITY OF DE PERE** (“De Pere”), **THE TOWN OF LEDGEVIEW**, and **LEDGEVIEW SANITARY DISTRICT NO. 2** (collectively, “Ledgeview”).

BACKGROUND OF THIS AGREEMENT

- A. GBMSD is a metropolitan sewerage district organized under Chapter 200, Wisconsin Statutes. De Pere and Ledgeview are municipalities who are members of GBMSD.
- B. De Pere and Ledgeview both have allocated capacity in the Swan Road Interceptor, which includes the East River lift station and associated forcemains, the Charles Street Interceptor, and the Northeast Interceptor, which are owned and operated by GBMSD.
- C. Development in De Pere, Ledgeview, and potentially other areas within GBMSD’s jurisdiction require an extension of the Swan Road Interceptor and upgrade of the Charles Street Interceptor.
- D. The parties have agreed that GBMSD shall construct an extension of the Swan Road Interceptor (“Swan Road Extension”) and that De Pere and Ledgeview will purchase additional capacity in the Swan Road Interceptor and downstream interceptor segments from GBMSD upon completion of the Swan Road Extension and the upgrade of the Charles Street Interceptor.

E. GBMSD intends to upgrade the Charles Street Interceptor no later than the end of 2018.

NOW, THEREFORE, the parties agree as follows:

1. Acknowledgment of Current Allocated Capacities. GBMSD and De Pere are parties to the De Pere/GBMSD East Side Sewer Improvement Agreement 1997 (“East Side Sewer Agreement”) which allocates capacity in existing segments of the Swan Road Interceptor to De Pere, Ledgeview, and GBMSD. Pursuant to the terms of the East Side Sewer Agreement De Pere purchased 0.33 cfs of additional capacity in the Swan Road Interceptor from GBMSD in 2005 for 104 acres of additional territory De Pere annexed from Rockland. The additional territory for which De Pere purchased capacity in the Swan Road Interceptor in 2005 is shown in red on the attached Exhibit A. In 2014, De Pere also purchased additional capacity of 0.066 cfs for approximately 11 acres of territory in De Pere shown in brown on Exhibit A. Based on De Pere’s purchase of this additional capacity, the parties acknowledge that the attached Exhibit B accurately summarizes the allocated capacities in existing segments of the Swan Road Interceptor as of the date of this Agreement.

2. Construction of Swan Road Extension. GBMSD shall design, construct, and own the Swan Road Extension along the route described on attached Exhibit C. The Swan Road Extension will be constructed to serve territory currently in De Pere, Ledgeview, and other areas within GBMSD’s jurisdiction (the “Reserve Capacity Area”) as shown on attached Exhibit D. The territory in De Pere is designated in red, the territory in Ledgeview is designated in blue, and the Reserve Capacity Area is designated in green on Exhibit D. GBMSD agrees to use reasonable efforts to complete construction on or before June 10, 2017 and pursue the

construction with reasonable diligence. GBMSD estimates that the approximate cost to design and construct the Swan Road Extension will be \$270,000.

3. Allocation of Capacity in the Swan Road Extension and Downstream Segments of the Swan Road Interceptor. Upon completion of the Swan Road Extension and the upgrade to the Charles Street Interceptor, GBMSD shall allocate capacity in the Swan Road Extension and downstream segments of the Swan Road Interceptor to De Pere for the additional territory located in De Pere designated in red on attached **Exhibit D**. GBMSD shall allocate capacity to Ledgeview for the territory designated in blue on attached **Exhibit D**. The allocated capacities in the Swan Road Extension and downstream segments of the Swan Road Interceptor allocated to De Pere and Ledgeview following completion of the Swan Road Extension and Charles Street Interceptor are shown on attached **Exhibit E**. Provided, however, that this allocation of capacity shall not go into effect until GBMSD's completion of the upgrade to the Charles Street Interceptor. GBMSD shall not unreasonably deny or delay future requests by Ledgeview or De Pere to reallocate territory within their jurisdictions served by the Swan Road Interceptor.

4. Payment by De Pere for Capacity in Existing Swan Road Interceptor. With respect to the additional allocated capacity in existing segments of the Swan Road Interceptor purchased by De Pere pursuant to this agreement, De Pere shall pay GBMSD the actual construction costs attributable to the capacity purchased, together with the actual interest costs incurred by GBMSD attributable to the purchased capacity from the date of construction to receipt of payment. Payment by De Pere shall be payable upon completion of the Swan Road Extension and the upgrade of the Charles Street Interceptor. Ledgeview has previously been allocated and paid for capacity for the territory designated in Blue on **Exhibit D** in the existing Swan Road Interceptor.

5. Payment by De Pere and Ledgeview for Capacity in the Swan Road Extension.

De Pere and Ledgeview shall pay for their allocated capacities in the Swan Road Extension as provided by GBMSD's Sewer Use Ordinance. Payments by De Pere and Ledgeview shall be paid upon completion of the Swan Road Extension and the upgrade to the Charles Street Interceptor.

6. Payment by De Pere for Reserve Capacity Upon Annexation. In the event De

Pere annexes any of the Reserve Capacity Area shown in green on Exhibit D, De Pere shall pay GBMSD the costs attributable to the capacity in the Swan Road Extension and downstream interceptor segments which GBMSD has reserved for the portion of the Reserve Capacity Area annexed by De Pere. The amount of De Pere's payment shall be determined according to Section 5.25 of GBMSD's Sewer Use Ordinance and the GBMSD/De Pere 2007 Annexation and Consolidation Agreement as applicable. The payment by De Pere shall be payable upon annexation of any portion of the Reserve Capacity Area and completion of the upgrade to the Charles Street Interceptor.

7. Extensions and Connections to the Swan Road Extension. De Pere and

Ledgeview shall not make any extensions to the Swan Road Extension or any connections, including laterals, to the Swan Road Extension without GBMSD's prior written approval, which approval shall not be unreasonably withheld or delayed.

8. Notice. Any notice required under this Agreement shall be delivered personally

or sent by certified mail, return receipt requested, to the parties at their addresses set forth below. Any party may by written notice at any time designate a different address to which notices shall

be subsequently sent. Notices given by certified mail, return receipt requested, shall be deemed received when mailed:

To GBMSD:	Executive Director Green Bay Metropolitan Sewerage District 2231 North Quincy Street Green Bay, WI 54302
To De Pere:	Mayor City of De Pere 335 South Broadway De Pere, WI 54115
To Ledgeview:	Town Chairman Town of Ledgeview 3700 Dickinson Road De Pere, WI 54115

9. Other Agreements. Except as provided herein, the terms and conditions of all other agreements among the parties shall remain in full force and effect.
10. Governing Law. This Agreement shall be construed and interpreted according to the laws of the State of Wisconsin.
11. Amendment and Modification. This Agreement may only be amended or modified by written agreements executed by all parties to the Agreement.
12. Binding Effect. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.

[Signatures follow on next page]

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date set forth above.

THE GREEN BAY METROPOLITAN
SEWERAGE DISTRICT

By: _____
Its: _____
Name: _____

THE CITY OF DE PERE

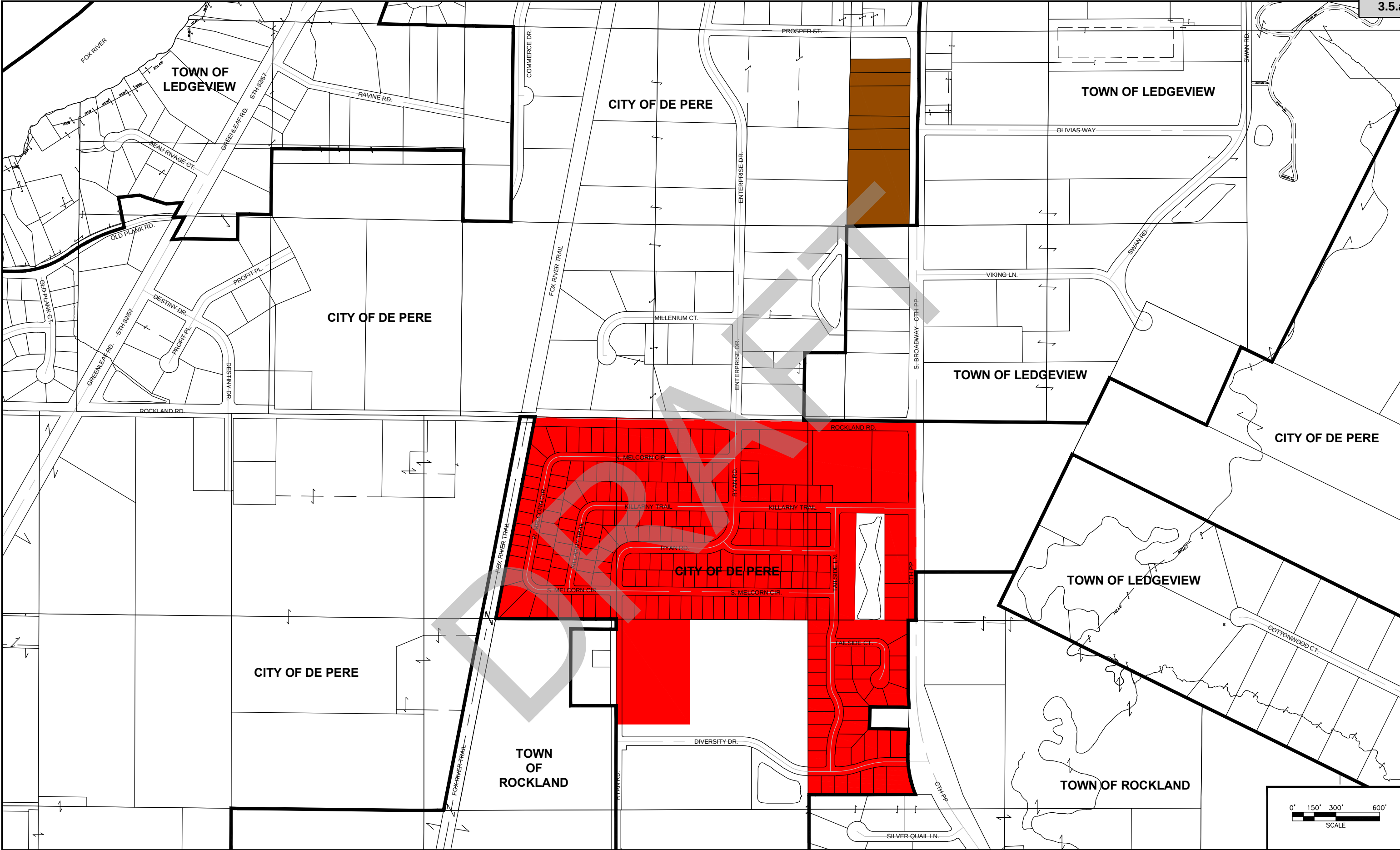
By: _____
Its: _____
Name: _____

THE TOWN OF LEDGEVIEW

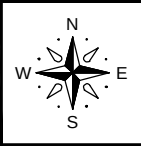
By: _____
Its: _____
Name: _____

LEDGEVIEW SANITARY DISTRICT NO. 2

By: _____
Its: _____
Name: _____



NO.	REVISIONS	DRN	CHK	DATE
1	Edited Municipal Boundary & Added City of De Pere annexed property to map	RR	LS	03/06/2017



NEW Water/GBMSD FACILITY MAP

NEW Water

Green Bay Metropolitan Sewerage District
2231 North Quincy Street, Green Bay, WI 54302
Phone: 920-432-4893 | Website: www.newwater.us

EXHIBIT A

SWAN ROAD INTERCEPTOR
DE PERE PURCHASES SINCE DE PERE/GBMSD EAST SIDE
IMPROVEMENT AGREEMENT, 1997

SCALE : See Scale Bar	PROJ. NO. :
DRAWN: R. Reinhart	FILE: 22x34 SRI Service.dwg
REVIEWED:	
APPROVED:	
DATE:	

EXHIBIT B
Green Bay Metropolitan Sewerage District
Existing Capacities

Interceptors	Downstream Structure	Upstream Structure	Pipe Size (inches)	Total Projected Flow (cfs)	Reduced Peak Factor	Reduced Peak Flow (cfs)	De Pere Allocated Capacity (cfs)	Ledgeview Allocated Capacity (cfs)	GBMSD Capacity (Unallocated) (cfs)
Swan Road Interceptor - FM	CSI	MS-03	2 - 12	9.20	3.1	[7.13]	2.58 ⁴ [2.00]	6.22 ¹⁰ [4.82]	0.40 [0.31]
East River Lift Station	MS-03	MS-03	NA	9.20	3.1	[7.13]	2.58 ⁴ [2.00]	6.22 ¹⁰ [4.82]	0.40 [0.31]
Swan Road Interceptor	SRI-001	SRI-001-007	16/12	1.90	3.9	[1.85]	1.60 ³ [1.56]	0.30 ⁹ [0.29]	0.00 [0.00]
Swan Road Interceptor	MS-03	SRI-002	24	7.30	3.3	[6.02]	0.98 ² [0.81]	5.92 ⁸ [4.88]	0.40 [0.33]
Swan Road Interceptor	SRI-002	SRI-018	18	3.62	3.6	[3.26]	0.98 ^{2,2A} [0.88]	2.24 ⁷ [2.02]	0.40 [0.36]
Swan Road Interceptor	SRI-018	SRI-022	15	2.90	3.7	[2.68]	0.55 ^{1A} [0.51]	1.56 [1.44]	0.79 [0.73]
Swan Road Interceptor - Extension	SRI-022	Heritage Road (SRI-025)	15	2.90	3.7	[2.68]	0.40 ¹ [0.37]	1.56 ⁶ [1.44]	0.94 [0.87]
Swan Road Interceptor - Extension	SRI-025	SRI-033	12	1.95	3.8	[1.85]	0.40 ¹ [0.38]	1.12 ⁵ [1.06]	0.43 [0.41]
Swan Road Interceptor - Extension	SRI-033	Viking Lane (SRI-040)	12	1.76	3.8	[1.67]	0.40 ¹ [0.38]	1.12 ⁵ [1.06]	0.24 [0.23]

Notes:

[] Allocation at Reduced Peak Factor

1. 104 acres x 0.0032 cfs/acre = 0.33 cfs purchased in 2005 + 0.066 cfs purchased in 2013 for 11 acres on CTH PP = 0.396 cfs

1A. 0.4 cfs (from Note 1) + 0.15 cfs for Saddlebrook 4th, 5th, and 7th Addition that discharge at Paint Horse Trail and Horseshoe Lane (46.1 acres x 0.0032 cfs/acre)

2. 0.55 cfs (from Note 1A) + 0.43 cfs

2A. 0.15 cfs (Note 1A) + 0.43 (Note 2) = 0.58 cfs allocated in Exhibit C from De Pere/GBMSD East Side Sewer Improvement Agreement for the 18" on Chicago Street. A portion of the flow enters the SRI between SRI-022 and SRI-018. The remainder of the flow enters into the SRI between SRI-018 and SRI-002. SRI-022 to SRI-018 was separated out because it is a 15" pipe that is not specifically called out in the June 28, 2007 purchase letter that accompanied the check to Ledgeview or the De Pere/GBMSD East Side Sewer Improvement Agreement, 1997, but should not be combined with the 18" downstream (Chicago Street) because of the flow limitations in the pipe.

3. 1.60 cfs allocated in Exhibit C from the De Pere/GBMSD East Side Sewer Improvement Agreement, 1997

4. 0.40 cfs from 2005 and 2013 sales (see Note 1) + 2.18 cfs allocated in Exhibit C from the De Pere/GBMSD East Side Sewer Improvement Agreement, 1997

5. 1.12 cfs allocated in calculations included with the June 28, 2007 letter that accompanied the check to purchase this portion of the Swan Road Interceptor from Ledgeview

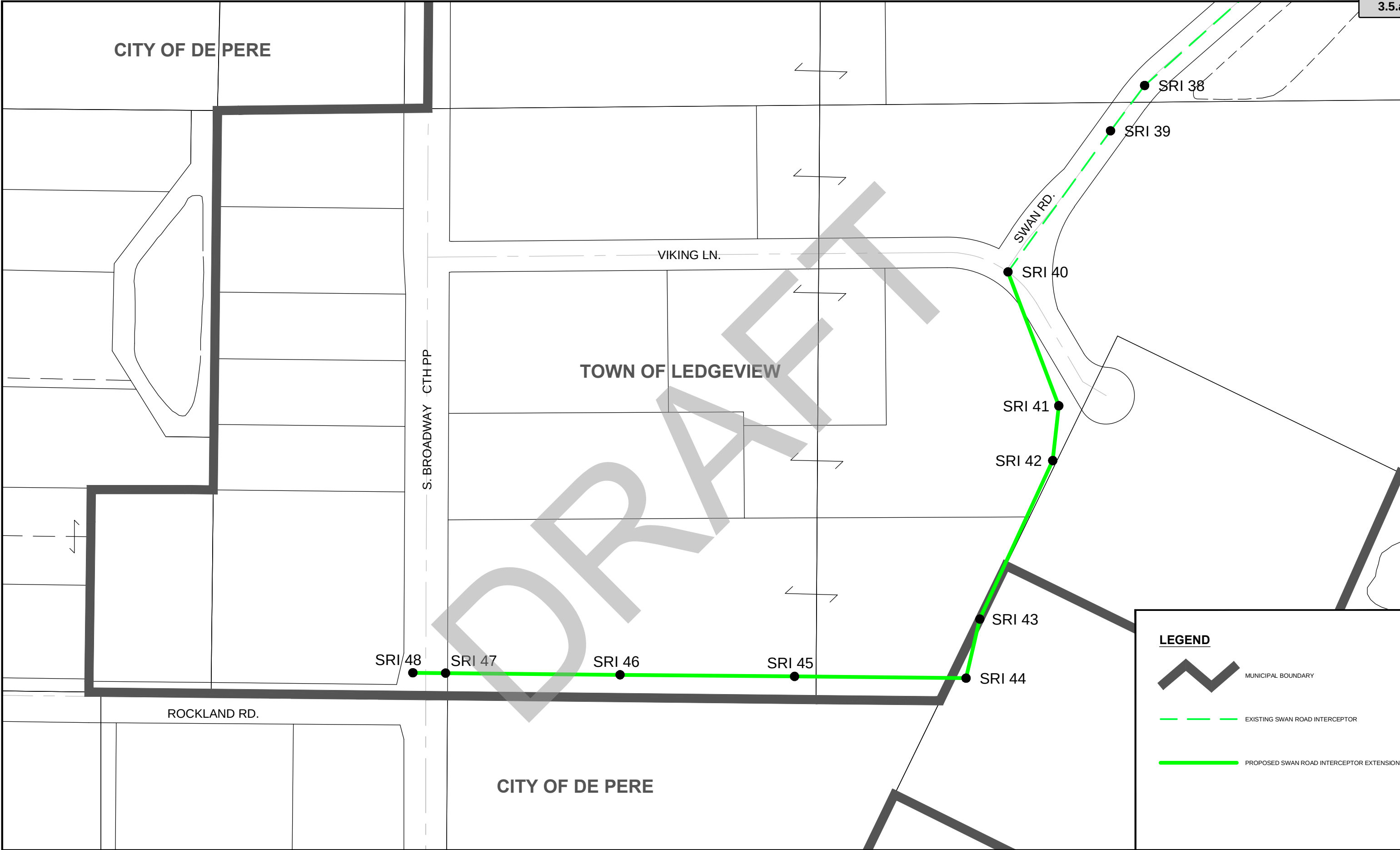
6. 1.56 cfs allocated in calculations included with the June 28, 2007 letter that accompanied the check to purchase this portion of the Swan Road Interceptor from Ledgeview

7. 2.24 cfs allocated in Exhibit C from the Ledgeview/GBMSD East Side Sewer Improvement Agreement, 1997

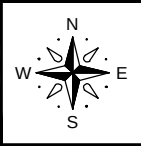
8. 5.92 cfs allocated in Exhibit C from the Ledgeview/GBMSD East Side Sewer Improvement Agreement, 1997

9. 0.30 cfs allocated in Exhibit C from the Ledgeview/GBMSD East Side Sewer Improvement Agreement, 1997

10. 6.22 cfs allocated in Exhibit C from the Ledgeview/GBMSD East Side Sewer Improvement Agreement, 1997



NO.	REVISIONS	DRN	CHK	DATE
1	Edited Municipal Boundary & Added City of De Pere annexed property to map	RR	LS	03/06/2017



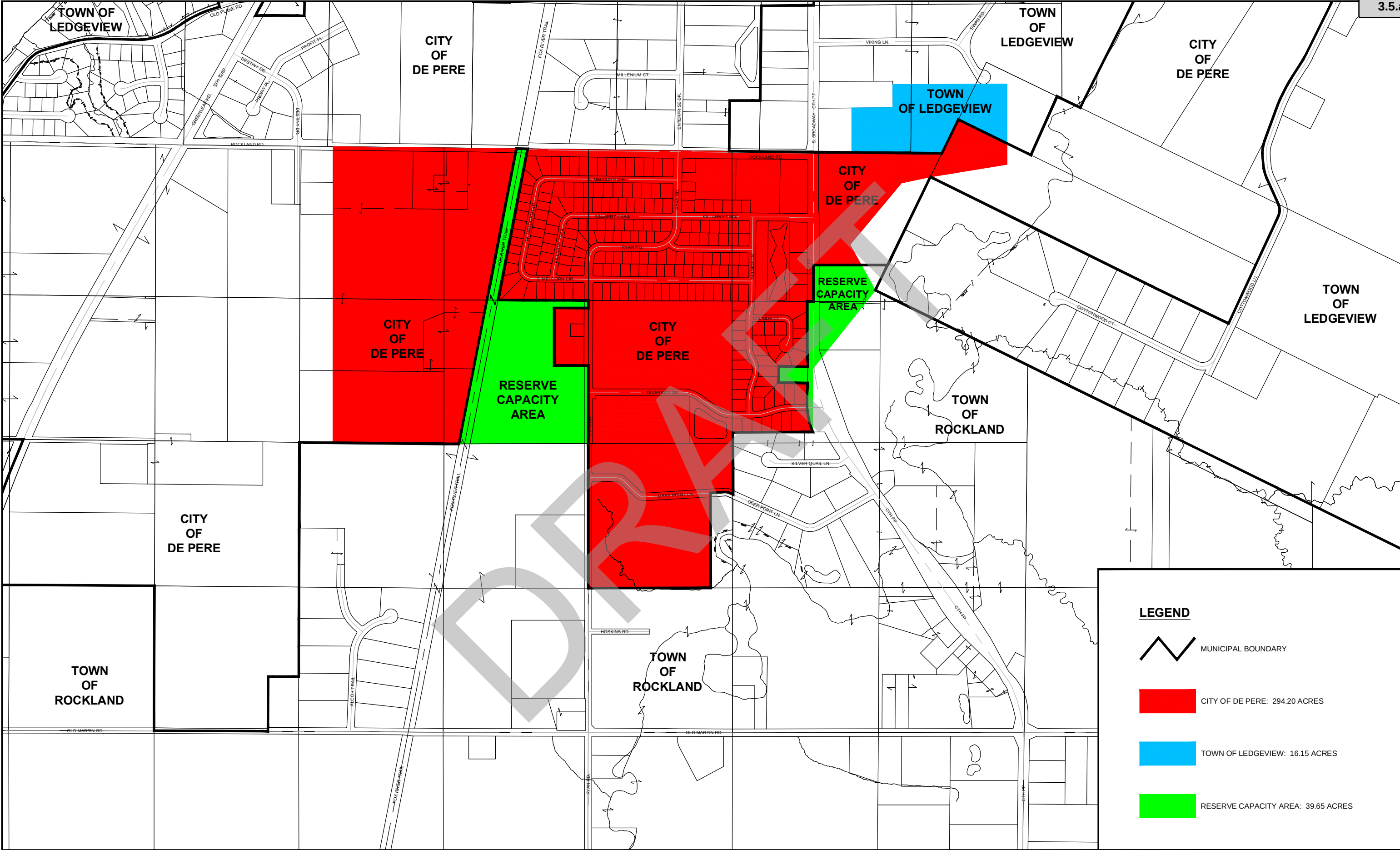
NEW Water/GBMSD FACILITY MAP

NEW Water
Green Bay Metropolitan Sewerage District
2231 North Quincy Street, Green Bay, WI 54302
Phone: 920-432-4893 | Website: www.newwater.us

EXHIBIT C

SWAN ROAD INTERCEPTOR EXTENSION

SCALE : NTS	PROJ. NO. :
DRAWN: R. Reinhart	FILE: 22x34 SRI Service.dwg
REVIEWED:	
APPROVED:	
DATE:	



LEGEND



MUNICIPAL BOUNDARY



CITY OF DE PERE: 294.20 ACRES



TOWN OF LEDGEVIEW: 16.15 ACRES



RESERVE CAPACITY AREA: 39.65 ACRES

NO.	REVISIONS	DRN	CHK	DATE	NO.	REVISIONS	DRN	CHK	DATE
1	Added City of De Pere annexed property to map	RR	LS	01/27/2017					
2	Edited Municipal Boundary & Added City of De Pere annexed property to map	RR	LS	02/28/2017					



NEWWater

Green Bay Metropolitan Sewerage District
2231 North Quincy Street, Green Bay, WI 54302
Phone: 920-432-4893 | Website: www.newwater.us

EXHIBIT D

SWAN ROAD INTERCEPTOR
PROJECTED SERVICE AREA

SCALE : NTS	PROJ. NO. :
DRAWN: R. Reinhart	FILE: 22x34 SRI Service Area rev.dwg
REVIEWED:	
APPROVED:	
DATE	

EXHIBIT E
Green Bay Metropolitan Sewerage District
Proposed Capacities

Interceptors	Downstream Structure	Upstream Structure	Pipe Size (inches)	Total Projected Flow (cfs)	Reduced Peak Factor	Reduced Peak Flow (cfs)	De Pere Allocated Capacity (cfs)	Ledgeview Allocated Capacity (cfs)	GBMSD Capacity (Unallocated) (cfs)
Swan Road Interceptor - FM	CSI	MS-03	2 - 12	9.70	3.1	[7.52]	3.19 ⁵ [2.47]	6.22 ¹² [4.82]	0.29 [0.22]
East River Lift Station	MS-03	MS-03	NA	9.70	3.1	[7.52]	3.19 ⁵ [2.47]	6.22 ¹² [4.82]	0.29 [0.22]
Swan Road Interceptor	SRI-001	SRI-001-007	16/12	1.90	3.9	[1.85]	1.60 ⁴ [1.56]	0.30 ¹¹ [0.29]	0.00 [0.00]
Swan Road Interceptor	MS-03	SRI-002	24	7.80	3.3	[6.44]	1.59 ³ [1.31]	5.92 ¹⁰ [4.88]	0.29 [0.24]
Swan Road Interceptor	SRI-002	SRI-018	18	4.12	3.6	[3.71]	1.59 ^{3,3A} [1.43]	2.24 ⁹ [2.02]	0.29 [0.26]
Swan Road Interceptor	SRI-018	SRI-022	15	3.05	3.7	[2.82]	1.16 ^{2A} [1.07]	1.56 ⁸ [1.44]	0.33 [0.30]
Swan Road Interceptor - Extension	SRI-022	Heritage Road (SRI-025)	15	3.05	3.7	[2.82]	1.01 ² [0.93]	1.56 ⁸ [1.44]	0.48 [0.44]
Swan Road Interceptor - Extension	SRI-025	Viking Lane (SRI-040)	12	2.26	3.7	[2.09]	1.01 ² [0.93]	1.12 ⁷ [1.04]	0.13 [0.12]
Swan Road Interceptor - Extension	Viking Lane (SRI-040)	S. Broadway (SRI-048)	12	1.12	3.9	[1.09]	0.94 ¹ [0.92]	0.05 ⁶ [0.05]	0.13 [0.13]

Notes:

[] Allocation at Reduced Peak Factor

1. 294.2 acres south of Rockland Road (See Exhibit D) x 0.0032 cfs/acre = 0.94 cfs

2. 294.2 acres x 0.0032 cfs/acre = 0.94 cfs (0.33 cfs of which was purchased in 2005) + 0.066 cfs purchased in 2013 for 11 acres on CTH PP = 1.01 cfs

2A. 1.01 cfs (see Note 2) + 0.15 cfs for Saddlebrook 4th, 5th, and 7th Addition that discharge at Paint Horse Trail and Horseshoe Lane (46.1 acres x 0.0032 cfs/acre)

3. 1.16 cfs (see Note 2A) + 0.43 cfs

3A. 0.15 cfs (Note 2A) + 0.43 (Note 3) = 0.58 cfs allocated in Exhibit C from De Pere/GBMSD East Side Sewer Improvement Agreement for the 18" on Chicago Street. A portion of the flow enters the SRI between SRI-022 and SRI-018. The remainder of the flow enters into the SRI between SRI-018 and SRI-002. SRI-022 to SRI-018 was separated out because it is a 15" pipe that is not specifically called out in the June 28, 2007 purchase letter that accompanied the check to Ledgeview or the De Pere/GBMSD East Side Sewer Improvement Agreement, 1997, but should not be combined with the 18" downstream (Chicago Street) because of the flow limitations in the pipe.

4. 1.60 cfs allocated in Exhibit C from the De Pere/GBMSD East Side Sewer Improvement Agreement, 1997

5. 1.01 cfs (see Note 2) + 2.18 cfs allocated in Exhibit C from the De Pere/GBMSD East Side Sewer Improvement Agreement, 1997

6. 16.15 acres in Ledgeview will directly connect into the Swan Road Extension. 16.15 acres (See Exhibit D) x 0.0032 cfs/acre = 0.05 cfs. Ledgeview has previously paid for capacity related to this area in the downstream sewer sections.

7. 1.12 cfs allocated in calculations included with the June 28, 2007 letter that accompanied the check to purchase this portion of the Swan Road Interceptor from Ledgeview

8. 1.56 cfs allocated in calculations included with the June 28, 2007 letter that accompanied the check to purchase this portion of the Swan Road Interceptor from Ledgeview

9. 2.24 cfs allocated in Exhibit C from the Ledgeview/GBMSD East Side Sewer Improvement Agreement, 1997

10. 5.92 cfs allocated in Exhibit C from the Ledgeview/GBMSD East Side Sewer Improvement Agreement, 1997

11. 0.30 cfs allocated in Exhibit C from the Ledgeview/GBMSD East Side Sewer Improvement Agreement, 1997

12. 6.22 cfs allocated in Exhibit C from the Ledgeview/GBMSD East Side Sewer Improvement Agreement, 1997

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Discuss Railroad Crossing Repairs.

The purpose for this memo is to update the Board on the status of the railroad repairs for the crossing at Lande Street and Scheuring Road which was requested by Alderperson Carpenter at the 4/18/17 Council meeting.

Staff has been in contact with CN - Manager Public Works, Jackie Macewicz in regards to the poor condition of the crossing at Lande. (See attached CN Railroad email). In addition, we have mentioned the deteriorating condition of the crossing at Scheuring Road but unfortunately, Scheuring Road is Brown County Highway jurisdiction. I have followed up with the County on Scheuring Road and they are working with CN Railroad as well to address crossings throughout the County (See attached Brown County Highway email)

My memo is going to focus on the Lande Street crossing.

On 3/28/17, I emailed CN Railroad with the following questions for the Lande Street crossing:

1. Is it possible for the railroad to put out bumps signs until the crossing is addressed?
2. What are the plans for the railroad to address this crossing?
3. Who do we forward the complaints to at the railroad?
4. If a vehicle is damaged due to the crossing who should the claims go to?

Jackie Macewicz of the CN Railroad responded (See attached CN Railroad email) that the City could install "bump signs" to warn the motorists. Ms. Macewicz provided contact numbers for complaints and claims. In addition, Ms. Macewicz indicated they would not be able to do anything in 2017 however if the City would be willing to partner in the crossing improvements by reconstructing the street to match the railroad crossing it would expedite the railroad's funding for repairs. I informed Ms. Macewicz the City would definitely be willing to partner in the project and requested this be done in 2018.

The City Attorney provided me with the following Wisconsin Statute 86.12:

86.12 Highway railroad grade crossings; construction and repair.

(1) All railroad companies owning or operating tracks crossing streets or highways at grade shall keep the surface of the crossings between the tracks and rails and extending 4 feet on either side of the outside rails, in good condition and repair for highway travel. The county board or the common council, village board or town board of the municipality in which the crossing is located may, by resolution, require any such railroad company to pave, plank, repair, change or otherwise improve the crossings, as the needs

require. The clerk of the county, city, village or town shall serve a copy of the resolution upon the local agent of the railroad company.

(2) If a railroad company fails to comply with the resolution in sub. (1) within 30 days after service of the resolution, the county board, common council, village board or town board may file a complaint with the office alleging the failure. The office shall investigate and determine the matter in controversy as provided in ch. 195. An order issued by the office under this subsection has the same effect as an order in a proceeding brought under ch. 195.

In summary, this statute requires:

1. Railroads to repair and maintain in good condition those streets which cross the railroad;
2. The City Council pass a resolution requiring the work to be done;
3. If the work isn't done within 30 days of the resolution being served on the RR, the City can file a complaint with the Office of Commissioner of Railroads(OCR).

I have forwarded this statute to the Ms. Macewicz (See attached CN Railroad email) inquiring whether the City should be following this process or whether the railroad would commit to repairs in 2018. Ms. Macewicz replied since CN Railroad will plan to renew this crossing in 2018 there would be no need to petition the OCR.

It is my intent to budget for the reconstruction of Lande Street in 2018 in anticipation that CN Railroad will do the repairs. If the City does not get a commitment from CN Railroad by March 2018, staff would bring back to the BOPW a resolution as discussed above requiring the railroad to make the repairs to Lande Street crossing.

If you should have any questions or concerns regarding this matter, feel free to contact my office.

ATTACHMENTS:

- CN Railroad Email - Lande Street Railroad Crossing (PDF)
- Brown County Highway Email - Scheuring Road Railroad Crossing (PDF)

Scott Thoresen

From: Jacqueline Macewicz <jackie.macewicz@cn.ca>
Sent: Monday, May 01, 2017 3:50 PM
To: Scott Thoresen
Cc: Eric Rakers; Al Lubarda; Larry Delo; Judy Schmidt-Lehman; Dan Vandinter; Robert Bennett; Jim Kvedaras
Subject: RE: Lande Street Railroad Crossing, DOT# 180070L, MP 236.40 Fox River Sub, De Pere, WI

Hi Scott,

CN has added this crossing to the list after your initial correspondence of March 29, 2017. CN will plan to renew the crossing in 2018 if the City will perform the asphalt approach work. Since we have an understanding, you would not need to petition OCR. The OCR process is only if the railroad fails to make the repairs.

Thanks,

Jackie Macewicz

CN - Manager Public Works
 Stevens Point, WI
 (o) 715.345.2503
 (e) Jackie.Macewicz@cn.ca

From: Scott Thoresen [mailto:sthoresen@mail.de-pere.org]
Sent: Thursday, April 27, 2017 9:15 AM
To: Jacqueline Macewicz <jackie.macewicz@cn.ca>
Cc: Eric Rakers <erakers@mail.de-pere.org>; Al Lubarda <alubarda@mail.de-pere.org>; Scott Thoresen <sthoresen@mail.de-pere.org>; Larry Delo <ldelo@mail.de-pere.org>; Judy Schmidt-Lehman <jschmidt-lehman@mail.de-pere.org>
Subject: RE: Lande Street Railroad Crossing, DOT# 180070L, MP 236.40 Fox River Sub, De Pere, WI

Good Morning Jackie:

I have been requested by our City Council to bring to our Board of Public Works for discussion the Lande Street railroad crossing. The City's elected officials as well as my staff having been getting complaints on this crossing on a weekly basis. Our City Attorney has supplied me with the attached statutes regarding the railroad company's requirements to maintain the crossings in good condition. As you can see in the statutes there is a process of serving the railroad company notice to fix the crossing. Should I be following this process? Or is the railroad committed to fix this crossing in 2018? As indicated in the previous email, the City will commit to fund rebuilding Lande Street to match the railroad's reconstruction of the crossing. This matter will be discussed at our next Board of Public Works meeting on 5/8/17.

In addition, there is another crossing on Scheuring Road (CTH F) that is also starting to deteriorate that needs to be addressed as well.

Please advise.

Make it a great day!

Thanks,

Scott J. Thoresen, P.E.
 Director of Public Works
 City of De Pere

5 South Sixth Street
Pere, WI 54115-1199

Office Phone (920) 339-8095
Cell Phone (920) 639-1003
Fax (920) 339-4071

Email: sthoresen@mail.de-pere.org
Facebook: [City of De Pere Facebook](#)

From: Scott Thoresen
Sent: Wednesday, March 29, 2017 7:44 AM
To: 'Jacqueline Macewicz'
Cc: Eric Rakers; Al Luberd; Scott Thoresen
Subject: RE: Lande Sreet Railroad Crossing, DOT# 180070L, MP 236.40 Fox River Sub, De Pere, WI

Good Morning Jackie:

The City would definitely be willing to partner in this project and would be willing to reconstruct the approaches to the tracks to smooth out this crossing. Would it be possible to schedule this for 2018 so we can budget for it?

Please advise.

Have a great day!

Thanks,

Scott J. Thoresen, P.E.
Director of Public Works
City of De Pere
925 South Sixth Street
De Pere, WI 54115-1199

Office Phone (920) 339-8095
Cell Phone (920) 639-1003
Fax (920) 339-4071

Email: sthoresen@mail.de-pere.org
Facebook: [City of De Pere Facebook](#)

From: Jacqueline Macewicz [<mailto:jackie.macewicz@cn.ca>]
Sent: Tuesday, March 28, 2017 3:28 PM
To: Scott Thoresen; Eric Rakers; Al Luberd; Scott Thoresen
Subject: FW: Lande Sreet Railroad Crossing, DOT# 180070L, MP 236.40 Fox River Sub, De Pere, WI

Hello Scott,

I was forwarded your email by Ben Bruley. I handle public projects in the State of WI for CN and have worked with Eric Rakers over the years on City/Railroad projects. I will answer the questions you sent to Ben.

3.6.a road authority in advance of the crossing.
 Complaints should be directed to CN Contact, either by calling 1-888-888-5909 or by email at Contact@cn.ca
 If a vehicle is damaged, claims should be directed to CN Risk Mitigation Officer, Ed Verlanic, Phone: 920-445-0075 or email: Edward.Verlanic@cn.ca

CN has already selected its crossings for renewal in 2017 and have a strict budget to follow, I do not believe this crossing is currently on the list.

CN has been working with numerous road authorities throughout the State to coordinate crossing repairs, not just immediate concerns, but future plans as well. Some excellent partners we have include; Brown County, Portage County, Wood County, Marathon County, City of Green Bay, City of Appleton, City of Wausau, City of Wisconsin Rapids, City of Manitowoc, Waukesha County, just to name a few who have been partnering with CN and providing resources to help renew crossings.

When the road authority can assist our crossing renewal work by providing a detour and asphalt paving at no cost to the Railroad, it helps our resources go further to address more crossings in the State. Would De Pere consider providing the detour and asphalt paving for the above-subject crossing? If so, I can submit the crossing to our senior management to expedite funding for repairs. CN would provide all material, labor and equipment to renew both tracks (there is a siding and main track at this crossing). With a crossing length of 65' including the sidewalks and two tracks, this crossing will cost CN about \$125,000 to renew. Anything the City can help contribute will be a huge help.

If you have any further questions please let me know. I look forward to working with the City on this crossing.

Regards,

Jackie Macewicz

CN - Manager Public Works
 Stevens Point, WI
 (o) 715.345.2503
 (e) Jackie.Macewicz@cn.ca

From: Scott Thoresen [<mailto:sthoresen@mail.de-pere.org>]

Sent: Tuesday, March 28, 2017 10:02 AM

To: Benjamin Bruley <Benjamin.Bruley@cn.ca>

Cc: Eric Rakers <erakers@mail.de-pere.org>; Al Lubberda <alubberda@mail.de-pere.org>; Scott Thoresen <sthoresen@mail.de-pere.org>

Subject: Lande Street Railroad Crossing

Good Morning Ben:

In the past two weeks we have gotten several complaints regarding the railroad crossing on Lande Street. In fact, one complaint we received said they had damage to their car. That being said, I have the following questions:

1. Is it possible for the railroad to put out bumps signs until the crossing is addressed?
2. What are the plans for the railroad to address this crossing?
3. Who do we forward the complaints to at the railroad?
4. If a vehicle is damaged due to the crossing who should the claims go to?

Please advise.

Have a great day!

Scott J. Thoresen, P.E.
Director of Public Works
City of De Pere
925 South Sixth Street
De Pere, WI 54115-1199

Office Phone (920) 339-8095
Cell Phone (920) 639-1003
Fax (920) 339-4071

Email: sthoresen@mail.de-pere.org
Facebook: [City of De Pere Facebook](#)

Scott Thoresen

From: Fontecchio, Paul A. <Fontecchio_PA@co.brown.wi.us>
Sent: Monday, May 01, 2017 3:49 PM
To: Jackie.Macewicz@cn.ca
Cc: 'paul.petersen@cbre.com'; Al Luberd; Eric Rakers; Scott Thoresen; Berg, William R.; Uitenbroek, Nicholas S.
Subject: RE: Railroad Tracks - Scheuring By Sybil Hopp
Attachments: FW: Brown County Corssing Repairs; Brown County RR Crossing Summary.pdf
Importance: High

Jackie –

Below is an email from the City of De Pere regarding the condition of the CTH F (Scheuring Road) and CN crossing. I've also attached previous correspondence with CN regarding not only this crossing, but a number of poor crossings in Brown County. The condition of County Highway rail crossings is something we rated the condition of in the fall of 2016 and reported to the County Executive and Highway Committee in January of this year (see attached).

The poor conditions of these crossings are a public safety concern for the citizens of Brown County. When we met on February 8th to discuss our concerns you indicated that CN would be willing to work with the County to get these crossings addressed in 2017. Brown County also offered to provide traffic control and paving at the crossing if CN was willing to work with the County and schedule the work. Nearly 3 months later nothing has been done, with no commitment by CN to address the inherent safety concerns we have with the crossings.

Time is up. Brown County needs to know by Wednesday May 10th what the intention of CN is regarding these crossings with a committed schedule. If CN has not responded by then we will be petitioning the OCR. If we are forced to petition the OCR, then any offer of help from Brown County is also gone in terms of traffic control and paving.

The issue of CN's poor railroad crossings has garnered attention from individual citizens, municipal governmental bodies, and County government. We've had so many complaints, we actually put the January report attached on our website to direct citizens to:

http://www.co.brown.wi.us/departments/page_b52138ab91d7/?department=9215de3de8a4&subdepartment=c7bfc70eb18a

The railroad industry as a whole has a reputation of being impossible to work with and is unwilling to maintain their system in a responsible manner. I am still hoping that CN will rise above that reputation.

Please let me know by Wednesday May 10th what CN is committed to repairing this year.

Sincerely,

Paul Fontecchio, P.E.

Public Works Director / Highway Commissioner

Brown County
 (920) 662-2170
fontecchio_pa@co.brown.wi.us
www.co.brown.wi.us

From: Scott Thoresen [mailto:sthoresen@mail.de-pere.org]
Sent: Monday, May 01, 2017 9:30 AM
To: Fontecchio, Paul A.
Cc: 'paul.petersen@cbre.com'; Al Luberd; Eric Rakers; Scott Thoresen; Jackie.Macewicz@cn.ca
Subject: RE: Railroad Tracks - Scheuring By Sybil Hopp

Good Morning Mr. Fontecchio:

Cit, had
contact with the railroad as far as when they will be doing repairs. The reason I ask is our Board of Public Works will be
discussing the railroad crossing conditions at their 5/8/17 meeting for both Lande Street and Scheuring Road. The City does not
have jurisdiction on Scheuring Road so I wanted to get an update from the County on this crossing.

Please advise.

Have a great day!

Thanks,

Scott J. Thoresen, P.E.
Director of Public Works
City of De Pere
925 South Sixth Street
De Pere, WI 54115-1199

Office Phone (920) 339-8095
Cell Phone (920) 639-1003
Fax (920) 339-4071

Email: sthoresen@mail.de-pere.org
Facebook: [City of De Pere Facebook](#)

From: Eric Rakers
Sent: Tuesday, April 18, 2017 12:28 PM
To: Fontecchio_PA <Fontecchio_PA@co.brown.wi.us> (Fontecchio_PA@co.brown.wi.us)
Cc: 'paul.petersen@cbre.com'; Al Lubarda; Scott Thoresen
Subject: FW: Railroad Tracks - Scheuring By Sybil Hopp

Hi Paul,

Can you offer any insight into when this railroad crossing on Scheuring Road (CTH F) might be repaired?

Thanks,

Eric

Eric Rakers, P.E.
City Engineer
925 S. Sixth Street
De Pere, WI, 54115

Ph (920) 339-8304
Fax (920) 339-4071
Cell (920) 639-1000

erakers@mail.de-pere.org

FAX (920) 339-4071

From: Petersen, Paul @ De Pere [<mailto:paul.petersen@cbre.com>]
Sent: Tuesday, April 18, 2017 11:56 AM

Subject: Railroad Tracks - Scheuring By Sybil Hopp

Mr. Allen,

I've had several Humana associates mention that the railroad tracks on Scheuring near Sybil Hopp is really bad. Do you know when repairs will be made so I can pass the information along to them? Thank you!

Sincerely,

Paul Petersen - Site Manager Humana Wisconsin
CBRE | Global Workplace Solutions
Humana | Workplace Solutions
1100 Employers Blvd, Green Bay, WI 54344
Office: +1 920 337 5024 | Cell: +1 920 636 6233
Paul.Petersen@cbre.com

Connect with me on LinkedIn

Follow CBRE: Facebook | [@cbre](#) | Google+

Humana associates should report facility related issues to <http://go/wpconnect>. If the facility issue is an emergency or urgent matter, call 877-497-6869 and a Workplace Connect representative will assist.

The information transmitted is intended only for the person or entity to which it is addressed and may contain CONFIDENTIAL material. If you receive this material/information in error, please contact the sender and delete or destroy the material/information.

tt Thoresen

Sent: Berg, William R. <Berg_WR@co.brown.wi.us>
 Monday, May 01, 2017 2:58 PM
 To: Fontecchio, Paul A.
 Subject: FW: Brown County Corssing Repairs
 Attachments: CN RR Letter.pdf; CN Severe Outline.pdf; CN Railroad Crossing Summary.pdf

From: Berg, William R.
Sent: Wednesday, April 26, 2017 11:57 AM
To: 'jackie.macewicz@cn.ca'
Cc: Uitenbroek, Nicholas S.
Subject: Brown County Corssing Repairs

Good Afternoon Jackie,

If at all possible, can you please give me an update on Brown County's requested work on the following crossings:

CTH F, Scheuring Road – Full replacement in 2017
 CTH EA, North Huron Road – Repairs in 2017
 CTH M, Lineville Road – Replacement in 2017 (coordinate future roadway width)
 CTH HH, Hansen Road – Replacement in 2017 during WisDOT closure of Ashland Ave (STH 32)
 CTH H, Cormier Road – Major Repairs in 2017 during WisDOT closure of Ashland Ave (STH 32)
 CTH T, North New Franken Road – Replacement in spring 2018 (In coordination with Brown County's resurfacing project)

We have gotten several complaints about the condition of these crossings from both the general public as well as from the local municipalities.

As a reminder, if CN can accommodate these crossings Brown County is willing to provide traffic control as well as asphaltic pavement for these projects at Brown County's cost. We do need an approximate schedule and commitment to the repairs so we can make our crews available.

Attached is the letter from the Brown County Highway Commissioner (originally sent on February 28th) officially requesting crossing maintenance that you could pass along if it would help get these projects scheduled. Also attached are the photos of the more severe crossings and an updated summary if you needed.

Thank you for all of your time and please let me know if there is anything else needed from us.

Sincerely,
 Will

William Berg
 Senior Civil Engineer
 Brown County Public Works
 (920)662-2171
Berg_wr@co.brown.wi.us

PUBLIC WORKS DEPARTMENT

Brown County2198 GLENDALE AVENUE
GREEN BAY, WI 54303PHONE (920) 492-4925 FAX (920) 434-4576
EMAIL: bc_highway@co.brown.wi.usPAUL A. FONTECCHIO, P.E.
DIRECTOR

February 28, 2017

Jackie Macewicz
Manager – Public Works
Canadian National
1625 Depot Street
Stevens Point, WI 54481

Dear Ms. Macewicz:

RE: Railroad Crossings on Brown County Highways

Thank you for meeting with Brown County staff on February 8th to discuss concerns over the poor condition of multiple Canadian National (CN) railroad crossings within the County's highway system. As we previously discussed, Brown County is requesting that CN, in cooperation with the County, replace or perform maintenance on these crossings.

In the fall of 2016, Brown County and the Wisconsin DOT Northeast Region, performed field inspections on each of the railroad crossings on the County Highway system. Of the 15 crossings that CN has with County Highways, 7 were determined to be in a poor/severe condition. A summary of the railroad crossing condition ratings, recommended repairs, and a recommended priority list based on severity is attached. An outline of some of the crossings with critical items in need of immediate repair is also attached. The poor crossing conditions are a safety concern for motorists, and Brown County regularly receives complaints about the condition of the railroad crossings from the traveling public and local politicians.

Brown County would like to coordinate and work directly with Canadian National to avoid petitioning the OCR to get the work completed. Brown County will work with CN to complete these repairs by placing any needed asphaltic pavement at the crossings and by providing road closure/detour signage at Brown County's cost. Please let us know your schedule for completing the work and Brown County will make our paving crew available to fit your construction schedule.

Thank you for your assistance in getting these safety concerns addressed. If you have any questions regarding this matter, please feel free to contact William Berg, Senior Civil Engineer and Brown County railroad coordinator at 920-662-2171 or at berg_wr@co.brown.wi.us.

Sincerely,

BROWN COUNTY PUBLIC WORKS

A handwritten signature in cursive script, appearing to read "Paul Fontecchio".

Brown County Highway Commissioner

Attachments:

1. Brown County Railroad Crossing Summary
2. Brown County Severe Crossing Outline

Severe Crossing Outline for CN

CTH F - Scheuring Road – Crossing 180069P

- Track has settled noticeably
- Broken steel frames and connections cause considerable movement
- Failed patching and exposed rebar causing safety concern



CTH HH - Hansen Road - Crossing 180085Y

- Heaving/pinching of approaches have caused a "bump" over 2"
- Loose rail moves significantly when impacted/under load
- Tracks under eastbound traffic have settled $>1/2$ "
- Loose panels with failed connections causing rocking
- Broken metal frames and exposed rebar causing safety concern



CTH M - Lineville Road - Crossing 181341R - Was supposed to be replaced in 2016

- Loose rail and failed connections moves significantly when impacted/under load
- Plastic/Rubber ties have settled significantly and some are broken & unsecured
- Timber ties have split and broken connections allow considerable movement
- AC approaches have rutting, spalling, and unsound patches.

**CTH EA - North Huron Road - Crossing 281504Y**

- Failed panel with exposed rebar and significant movement needs to be replaced (see photo)
- 2 loose panels in southbound outside lane are also loose and need to be secured



Railroad	Priority	County	Crossing	Hwy	Municipality	Xing cond	Recommended Repairs	Comments	Project year	Repairs made	Date repaired
CN	0	Brown	180069P	CTH F - Scheuring Road	City of DePere	Poor/Severe	Needs major repairs or to be replaced in 2017	Track has settled noticeably. Broken steel frames and connections causing significant movement in several panels. Multiple panels are disintegrated and rebar is exposed.	2017		
CN	1	Brown	180085Y	CTH HH - Hansen Road	Village of Ashwaubenon	Poor/Severe	Mill heaving/pinched approaches ASAP. Secure moving/rocking panels as much as practical until replacement. Replace crossing in 2017.	Loose rail with failed connections; moves significantly under load/impact. Tracks under eastbound traffic has settled >1/2". Several loose panels with loose/failed connections causing them to "rock." Broken frames, exposed rebar, and major settling of various panels. Rutting and/or cracking in wheel paths and significant heaving causing a safety issue in approaches.	2017		
CN	1	Brown	181341R	CTH M - Lineville Road	Village of Howard - Village of Suamico Line	Poor	Was supposed to be replaced in 2016. Replace crossing in 2017. Secure broken/moving ties as much as practical. Monitor and patch as needed until replacement.	Rail connections failed and move considerably under impact/load. Rubber/plastic ties have settled majorly, broken and are unsecured. Timber ties have split and broken connections allow significant movement. AC approaches have rutting, spalling, and unsound patches.	(2016) 2017		
CN	1	Brown	281504Y	CTH EA - North Huron Road	City of Green Bay	Fair/Poor	Replace failed panel in NB lanes ASAP! Secure 2 panels in southbound outside lane. BC - maintain vision corners (cut trees) and schedule to mill and repave approaches by 2019	Failed panel in NB lanes, north side of crossing. Two (2) loose and "rocking" panels in southbound outside lane. Approaches have significant rutting and potholes.	2017		
CN	2	Brown	180071R	CTH EE - Grant Street	City of DePere	Fair	Secure two (2) loose panels in the eastbound driving lane. Fix/fill gap in rubber ASAP.	Main track has minor settling causing a "bump" to drivers. 2 panels on main track in the eastbound driving lane have loose/broken connections causing them to "rock." Rubber displaced leaving a significant hole in the eastbound lane wheel path.	2017		
CN	2	Brown	180091C	CTH H - Cormier Road	Village of Ashwaubenon	Fair/Poor	Secure loose rails ASAP. Replace damaged concrete panel and replace or secure loose panels. Mill and repave approaches (look at removing 10'-25' of concrete and replacing with HMA).	Rails on main track in westbound lanes are loose and move under load/impact. One concrete panel in eastbound lane severely damaged & needs to be replaced. Other panels have broken/failed connections and move or "rock." All four approaches have rutting and/or heaving.	2017		
CN	2	Brown	281515L	CTH T - North New Franken Road	Town of Humboldt	Poor	Replace during Brown County's upcoming resurfacing project (2018)	Asphalt in poor condition; significant alligator cracking and damaged tipped rails	2017		
CN	3	Brown	181508A	CTH XX - Bellevue Street	Village of Bellevue		Determine what can be done to correct track elevation	Replaced in 2015 as part of Brown County's resurfacing project. Rail is elevated compared to timbers (see pictures) causing significant impact to motorists.	?		
CN	4	Brown	181344L	CTH B - Sunset Beach Road	Village of Suamico	Fair	Patch AC near the tracks; Secure loose rail and secure loose ties	To be replaced prior/with I41 interchange project.			
CN	4	Brown	181340J	CTH EB - Woodale Avenue	Village of Howard	Fair/Poor	Schedule to replace before 2020. Undercut and replace ballast material and improve drainage and longer ties. Brown County could mill down and repave AC approaches to improve ride until replacement can be complete.	Settling of rails causing significant impact to motorists. Timber ties have cracking/splitting and tipping. Pumping of material is noticeable at both ends of the crossing.			
CN	4	Brown	281508B	CTH N - Humboldt Road	Town of Humboldt	Fair	Monitor & patch as needed. Plan for replacement (<5 years out) Old crossing, tipped rails	Old crossing. Resurfaced in 2013 as part of Brown County's project. Asphalt already beginning to crack and spall			
CN	N/A	Brown	180060D	CTH DD - Broadway Street	Village of Wrightstown	Good	None	Crossing replaced in 2015 as part of WisDOT bridge project			
CN	N/A	Brown	180080P	CTH H - Parkview Road	City of DePere	Good	None	Recently replaced, "new" condition. Crossing is high compared to the surrounding roadway			
CN	N/A	Brown	281518G	CTH P - North Sugar Bush Road	Town of Green Bay	Good	None	Crossing replaced in 2015 as part of Brown County's resurfacing project. Roadway subgrade was cut down to match RR ballast			
CN	N/A	Brown	181507T	CTH V - Lime Kiln Road	City of Green Bay - Village of Bellevue Line	Good	None	Crossing Replaced in 2016 "New" condition			

PUBLIC WORKS DEPARTMENT

*Brown County*2198 GLENDALE AVENUE
GREEN BAY, WI 54303PHONE (920) 492-4925 FAX (920) 434-4576
EMAIL: bc_highway@co.brown.wi.usPAUL A. FONTECCHIO, P.E.
DIRECTOR

TO: Troy Streckenbach, County Executive

FROM: Paul Fontecchio, P.E.

DATE: January 10, 2017

RE: 2017 County Highway Railroad Crossing Condition Report

Per State Statute 86.12(1), "All railroad companies owning or operating tracks crossing streets or highways at grade shall keep the surface of the crossings between the tracks and rails and extending 4 feet on either side of the outside rails, in good condition and repair for highway travel."

There are currently twenty (20) active railroad crossings intersecting with the Brown County Trunk Highway system. As mentioned above, it is the railroad companies' responsibility to repair and maintain the crossings; however, the County coordinates upcoming project schedules with the railroad and notifies them about needed repairs.

To aid in identifying crossings that require repair and/or replacement, Brown County has created a rating system to rate various elements of the railroad crossings. This rating system is used to rate the railroad crossings on a scale of 1 through 10 with 1 being a crossing in failed condition and 10 being a crossing in excellent condition (new). Brown County, in cooperation with the Wisconsin Department of Transportation, Northeast Region, inspected and rated each of the crossings in December 2016. Brown County's railroad crossing ratings for 2016 are summarized below:

<i>Ratings as of December 7, 2016</i>		
Rating 7-10 (Good – Excellent)	4	20.0%
Rating 5-6 (Fair)	7	35.0%
Rating 1-4 (Failed to Poor)	9	45.0%
Total Highway Crossings:	20	

Five (5) crossings have been replaced on the County Trunk Highway system over the past two (2) years including crossings on CTH DD, CTH H, CTH P, CTH V, and CTH XX. The crossing on CTH XX was replaced but needs some additional work to bring it to a "Good-Excellent" rating. Also, crossing 181341R on CTH M/Lineville Road was scheduled to be replaced during the 2016 construction year but is now scheduled to be replaced in 2017.

The County is coordinating with Canadian National (CN) Railroad as well as Escanaba and Lake Superior (E&LS) Railroad to repair or replace an additional 9 crossings by the end of the 2018 construction season. The following table shows the crossings in need or major repairs or replacements that are either scheduled or anticipated to be scheduled.

Crossing ID	Roadway	Municipality	Railroad	Rating	Anticipated Work to be Completed	Anticipated Project Year
181341R	CTH M - Lineville Road	Village of Howard - Village of Suamico Line	CN	3 (Poor)	Full Replacement	2017
388709S	CTH EB - Woodale Avenue	Village of Howard	E&LS	4 (Poor)	Full Replacement	2017
281504Y	CTH EA - North Huron Road	City of Green Bay	CN	4 (Poor)	Major Repair	2017
180069P	CTH F - Scheuring Road	City of DePere	CN	2 (Poor)	Full Replacement	2017
180091C	CTH H - Cormier Road	Village of Ashwaubenon	CN	4 (Poor)	Major Repair	2017
180085Y	CTH HH - Hansen Road	Village of Ashwaubenon	CN	3 (Poor)	Full Replacement	2017
840885J	CTH HS - Velp Avenue	Village of Howard	E&LS	4 (Poor)	Full Replacement	2017
388707D	CTH M - Lineville Road	Village of Howard - Village of Suamico Line	E&LS	3 (Poor)	Full Replacement	2017
281515L	CTH T - North New Franken Road	Town of Humboldt	CN	3 (Poor)	Full Replacement	2018

Brown County will be meeting with the railroad companies and will petition the Office of the Commissioner of the Railroad to schedule and complete the proposed crossing improvements. Per State Statute 86.13(3), "if any railroad company fails to grade, construct, pave, surface, or otherwise improve or maintain in good and safe condition for public travel as required by this section any street or highway crossing after having been notified so to do by the officer in charge thereof or of the highway improvement for 30 days of such notification, the highway authorities may file a complaint with the office. The office shall investigate and determine the matter in controversy as provided in ch. 195."

By the end of the construction season in 2017, the anticipated railroad crossing ratings will be as follows:

<i>Ratings Projected by December 31, 2017</i>		
Rating 7-10 (Good – Excellent)	10	50.0%
Rating 5-6 (Fair)	9	45.0%
Rating 1-4 (Failed to Poor)	1*	5.0%
Total Highway Crossings:	20	

*Note: The remaining "poor" rated crossing at the end of the 2017 construction season will be replaced at the same time as Brown County's 2018 reconditioning project on CTH T/North New Franken Road.

By the end of the 2018 construction year, all of the "Failed to Poor" condition crossings on the County Trunk Highway system should be repaired or replaced. Brown County will continue to inspect and rate each of the crossings every 2 years to monitor the condition of the railroad crossings and to ensure that future repairs are being completed in a timely manner.

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider 2017 Sidewalk Repair Orders.

Discussion: Each year the City inspects 1/8 of the City for required repairs to sidewalks. This year the repair area is the west side of the Fox River, west of the railroad tracks, north of Grant Street.

Fiscal Impact: None (costs to be paid by property owner)

Recommendation: To order that repairs be performed

Attachments:

- 2017 Sidewalk Repair Order of the Board of Public Works
- Property and Sidewalk Repair List
- Sidewalk Repair and Replacement Program
- 2017 Estimated Cost
- Property Letter – Owner Cost
- Property Letter – Commercial Cost

ATTACHMENTS:

- 2017 Order of the Board of Public Works (PDF)
- Property & Sidewalk Repair List (PDF)
- Sidewalk Repair & Replacement Program (PDF)
- 2017 Estimated Sidewalk & Sidewalk Replacement Costs (PDF)
- 2017 Sidewalk Repair Letter to Property Owners (PDF)
- 2017 Sidewalk Notification Letter City Responsibility (PDF)

MAY 8, 2017

**ORDER OF THE BOARD OF PUBLIC WORKS
FOR SIDEWALK REPAIRS UNDER
SECTION 66.0907, WISCONSIN STATUTES**

The Board of Public Works of the City of De Pere, Brown County, Wisconsin, has found that certain sidewalks on the following streets were unsafe, defective or insufficient, to-wit:

West side of the Fox River, west of the railroad tracks, north of Grant Street

The Board of Public Works orders that all defective sidewalks identified on the attached property and repair listing be removed and replaced or otherwise corrected as identified therein and in accordance with the standards set forth and the established grade.

All owners of property fronting on said streets are ordered to remove and replace that portion of the sidewalk in need for repair and abutting their premises on or before the 30th day of June 2017. If any owner fails to comply with this order, the City of De Pere shall cause the work on their sidewalk to be done by contract and shall charge the cost as a special tax against their lot or parcel.

A copy of this order shall be mailed to each owner or their agent, and shall be published in the official newspaper.

Dated at De Pere, Wisconsin, this 8th day of May 2017.

BOARD OF PUBLIC WORKS
CITY OF DE PERE, WISCONSIN

Eric P. Rakers, P.E.
City Engineer

Attachment: 2017 Order of the Board of Public Works (5802 : Consider 2017 Sidewalk Repair Orders)

CITY OF DE PERE PROJECT 17-05 SIDEWALK, CURB, AND CONCRETE PAVEMENT REPAIR			HORIZONTAL DISPLACEMENT	VERTICAL DISPLACEMENT	PROFILE VARIATION	SURFACE IMPERFECTION	OTHER	TOTAL
SIDEWALK REPAIR AREA			PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE
PARCELID	LOCATION	OWNMAIL1						
WD-714	453-493 N NINTH ST	C&C INVESTMENTS OF DE PERE LLC	15	5.0				20
WD-716-3	509 N NINTH ST	NICHOLAS G & DONNA L TARKOWSKI		5.0				5
WD-717	510-512 N TENTH ST	ALHAMBRA VILLAGE DE PERE	20	5.0		5		30
WD-718-2	603 N NINTH ST	RYAN MCGINLEY		5.0				5
WD-708-X-1	1000-1006 MAIN AV	1002 MAIN STREET DEPERE LLC	20	5.0				25
WD-708-X-2	255 N TENTH ST	VHC INC		7.5				7.5
WD-711	900 CEDAR ST	C&C INVESTMENTS OF DE PERE LLC	5					5
WD-715	500-502 N TENTH ST	ALHAMBRA VILLAGE DE PERE	25	25.0		10		60
WD-708-X-3	525 N TENTH ST	OUR HERITAGE FAMILY LTD PARTNERSHIP	55	5.0		5		65
WD-708-X-4	1018 CEDAR ST	FIRST CONGREGATIONAL CHURCH OF DE PERE	215					215
WD-708-X-2-1	305 N TENTH ST	SCHINKTEN PROPERTIES LLC	20	7.5				27.5
WD-1845	920 OAK ST	V-5 INVESTMENTS LLC ETAL		5.0				5
WD-1846	922-940 OAK ST	V5 INVESTMENTS LLC ETAL		20.0				20
WD-709-1	950 MAIN AV	4 FORTE LLC	20	10.0		5		35
WD-709	910 MAIN AV	BMG DEVELOPMENT LLC	5	2.5		15		22.5
WD-709-6	930 MAIN AV	DKG INVESTMENTS LLC				5		5
WD-709-3-3	900 MAIN AV	UNISON CREDIT UNION	5	2.5				7.5
WD-607	826 ASH ST	MATTHEW J & TAMMY M PETERSON		5.0				5
WD-594	802 SPRUCE ST	CMG MORTGAGE INC	45					45
WD-594-2	810 SPRUCE ST	CHRISTOPHER T FUSS	10	10.0		5		25
WD-595-2	818 SPRUCE ST	GRISELDA M VANBECKUM	5					5
WD-596	826 SPRUCE ST	TL CONSTRUCTION MANAGEMENT CO LLC	5					5
WD-598	840 SPRUCE ST	YVONNE M PETERS	5					5
WD-600	610 N NINTH ST	DOUGLAS L & KATHERINE M ELWELL	15					15
WD-594-1	809 ASH ST	KEVIN G RAU	10					10
WD-595	815 ASH ST	MARVIN J LUENEUBURG	40	5.0				45
WD-597	823 ASH ST	KATIE R NOSKOWIAK	5	5.0				10
WD-597-1	829 ASH ST	WILLIAM J & SUSAN J STEFFEL		5.0				5
WD-597-2	835 ASH ST	DANIEL E DORO	5	10.0				15
WD-601	843 ASH ST	ALAN R & KATHRYN M JORGENSEN		7.5				7.5
WD-601-1	845 ASH ST	MARK R CHMIELEWSKI	5	17.5				22.5
WD-584	810 ELM ST	TAMMY A & ALAN STEIN		10.0				10
WD-586	812 ELM ST	RALPH W & NANCY L GOSSEN	5					5
WD-588	822 ELM ST	PATRICIA J VANDERSTEEN		5.0				5
WD-589-1	828 ELM ST	JEFFREY A DOBERSTEIN		5.0				5
WD-591	836 ELM ST	KENNETH G & KELLI E CARRIER	15	5.0				20
WD-582	803 SPRUCE ST	PHYLLIS R HENDRICKS		5.0				5
WD-585-1	817 SPRUCE ST	DENNIS J VONDRACHEK		7.5				7.5
WD-589	821 SPRUCE ST	THOMAS J & JESSIE L HERMES	5	2.5				7.5
WD-571	802 CEDAR ST	ROGER L MAHLER & TAMMY M VALLEY	5			5		10
WD-574	810 CEDAR ST	LARRY N & WENDI M LEMMEN	5					5
WD-576	816 CEDAR ST	RUSS VANDENELZEN	15					15
WD-576-1-1	818-820 CEDAR ST	LUKE T SCHMIDT	35	5.0				40
WD-576-2	826 CEDAR ST	JUDITH M BURDEY	15	15.0		5		35
WD-577	834 CEDAR ST	CORY FILLER ENTERPRISES OF WISCONSIN LLC	5					5
WD-580-3	840 CEDAR ST	CRAIG A & BARBARA J JOHNSON	5					5
WD-580	846 CEDAR ST	GENE R & PATTI J FIALA	65	10.0				75
WD-579	835 ELM ST	WAYNE G RASMUSSEN	5	5.0				10
WD-580-2	847 ELM ST	CHRISTOPHER & COURTNEY MARKHAM	35					35
WD-560-2	808 PINE ST	BRENT H & BOBBIE M ASHPOLE	15					15
WD-560-1	812 PINE ST	ANDREA L RUEDEN	25					25
WD-562	811 CEDAR ST	ANTON L BRADLE		5.0				5
WD-562-1	813 CEDAR ST	KARI K DAY		2.5				2.5
WD-563	821 CEDAR ST	BRIAN L & DAWN L PETERSON	50	2.5				52.5
WD-565	825 CEDAR ST	RACHEL L BAETEN	10					10
WD-570-1	844 PINE ST	WAYNE J HOFFMAN	80	5.0				85
WD-567	831 CEDAR ST	DAVID R & MARIE E HONGISTO		5.0				5
WD-568	833 CEDAR ST	CLAUDE N HAEVERS	45					45
WD-569-1	841 CEDAR ST	LORI L STANG	5					5

Attachment: Property & Sidewalk Repair List (5802 : Consider 2017 Sidewalk Repair Orders)

CITY OF DE PERE PROJECT 17-05 SIDEWALK, CURB, AND CONCRETE PAVEMENT REPAIR			HORIZONTAL DISPLACEMENT	VERTICAL DISPLACEMENT	PROFILE VARIATION	SURFACE IMPERFECTION	OTHER	TOTAL
SIDEWALK REPAIR AREA			PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE
PARCELID	LOCATION	OWNMAIL1						
WD-570	847 CEDAR ST	LEONA L SAUSEN	40	10.0				50
WD-545	203 N EIGHTH ST	KENNETH W & BARBARA A DEQUAINE	10					10
WD-547-1	812 OAK ST	EMILY A & ZACHARY J PAUL	10	10.0				20
WD-550	816 OAK ST	AMY E MERCURE		10.0				10
WD-558-1	846 OAK ST	LANCE A SKALESKI	45					45
WD-546	219 N EIGHTH ST	ANTHONY FAMEREE		5.0				5
WD-547	807 PINE ST	JAMES E & SHANNON E CLANCY	40	10.0				50
WD-549	813 PINE ST	RICHARD T & DIANE M BALDWIN		5.0				5
WD-555	829 PINE ST	MICHAEL WISKOW	45	5.0				50
WD-557	837 PINE ST	KIMBERLY J WILLEMS	20					20
WD-557-1	839 PINE ST	WILLIAM K ELLIOTT	10					10
WD-558-A-1	843 PINE ST	JOHN M PHILLIPS	5					5
WD-559	849 PINE ST	EURETHA FORST	60	10.0				70
WD-535	828 MAIN AV	GERALD E & BARBARA S HANSFORD		5.0				5
WD-536	827 OAK ST	RONALD F & KRISTINA R NULPH	5					5
WD-538	831 OAK ST	MARY E & JAMES T JONES	30	10.0				40
WD-540	837 OAK ST	MATTHEW R SCHNEIDER	15					15
WD-544	847 OAK ST	STEVE & BARBARA NOHR	60					60
WD-435	701 OAK ST	THOMAS J KANE & LYLE B THIEM	5					5
WD-445	726 MAIN AV	KWIK TRIP INC	10			5		15
WD-439	712 MAIN AV	KJB DEVELOPMENT LLC				5		5
WD-434	706 MAIN AV	KEITH BRUNETTE	15	15.0				30
WD-463	731 PINE ST	RICHARD J & VIRGINIA I HEUVELMANS	10	5.0				15
WD-461-1	735 PINE ST	CAROL J PORATH		10.0				10
WD-466	218 N EIGHTH ST	CARLYN H COOPER	15			5		20
WD-455	702 OAK ST	DONNA M LEFEBVRE		10.0				10
WD-456	708 OAK ST	WILLIAM DRUMM III	5			5		10
WD-460-1	726 OAK ST	ROBERT L LOONSFOOT	5					5
WD-465	740 OAK ST	CHRISTOPHER WIRTH		5.0				5
WD-468-3	724 PINE ST	TYLER J TERRELL	5					5
WD-472-1	734 PINE ST	PATRICK J ROFFERS	5					5
WD-474-1	738 PINE ST	ROBERT J SMITS JR		5.0				5
WD-468	717-719 CEDAR ST	TYLER E & HANNAH K JOHNSON	5	10.0				15
WD-470-1	731 CEDAR ST	MICHAEL P & STEPHANIE L GUBICS	10	5.0				15
WD-475	745 CEDAR ST	DAVID & KATHY LEMKE		5.0				5
WD-476-1	738 CEDAR ST	MARK S BELLIN	10					10
WD-329	666 REID ST	THOMAS J & MARIBETH GRZYWA	5					5
WD-334	648 REID ST	KATIE L RASMUSSEN	5					5
WD-338	630 REID ST	VANG L THAO		5.0				5
WD-341	614-616 REID ST	RICHARD M STEEBER II		20.0				20
WD-322	641 MAIN AV	ZACHARY R LASEE & CHELSEA M LIPP	10	5.0		5		20
WD-324	649 MAIN AV	MARY M SAWYER				5		5
WD-325	655 MAIN AV	RUSSELL L & ELSIE J DREVS		5.0				5
WD-326	659 MAIN AV	ADAM M & MELISSA E ALBERSON		5.0				5
WD-327	665 MAIN AV	ROBERT E & LINDA A BROWN		10.0				10
WD-321	633 MAIN AV	WILLIAM J VAN CAMP		5.0		5		10
WD-320	627 MAIN AV	MARY J FULGENCIO & ANTHONY J VASSALLO		5.0				5
WD-359	702 REID ST	NICHOLAS D & JESSICA L OLP		5.0				5
WD-358	706 REID ST	ARNOLD SILVA TORRES & JESSICA L COELLO-SILVA		7.5				7.5
WD-357-2	710 REID ST	JENNIFER J FRANTZ		2.5				2.5
WD-357-1	712 REID ST	LOWELL D FERRIS	10					10
WD-360	701 MAIN AV	ALEX P OLSZEWSKI	5	25.0				30
WD-363	713 MAIN AV	JOHN F SAUBERT	10					10
WD-84-4	115 S EIGHTH ST	PETER J & SARA D JUNTUNEN	20	5.0				25
WD-84-1	749 MAIN AV	BANK MUTUAL	70	20.0		5		95
WD-79-1	728 REID ST	THOMAS & SUE ELLEN ALBERS	5					5
WD-1841	723 MAIN AV	CONSTRUCTION RESOURCES C/O MIKE FLEMING		5.0				5
WD-1842	721 MAIN AV	PLNR PROPERTIES LLC	10	5.0		5		20
WD-84-3	801-807 MAIN AV	WS ENTERPRISES OF GREEN BAY INC	55	15.0		35		105

Attachment: Property & Sidewalk Repair List (5802 : Consider 2017 Sidewalk Repair Orders)

CITY OF DE PERE PROJECT 17-05 SIDEWALK, CURB, AND CONCRETE PAVEMENT REPAIR			HORIZONTAL DISPLACEMENT	VERTICAL DISPLACEMENT	PROFILE VARIATION	SURFACE IMPERFECTION	OTHER	TOTAL
SIDEWALK REPAIR AREA			PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE
PARCELID	LOCATION	OWNMAIL1						
WD-85-3	841 MAIN AV	PJ S OF DE PERE LLP		5.0				5
WD-85-2	825 MAIN AV	M & B BUILDINGS LLC				5		5
WD-85-1	111 S NINTH ST	LIGHTHOUSE LUBE REAL ESTATE LLC		5.0				5
WD-84-6	753 REID ST	BRIAN & PEGGY VANDE HEY		5.0				5
WD-83-4	741 REID ST	NICOLE S NIELSON	10					10
WD-83-2	723 REID ST	LAWRENCE A & LISA M WIERCINSKI	5	10.0				15
WD-86-2	218 ALLARD ST	BRYAN F BAETEN	40					40
WD-726-M-1	732 PARK ST	RICHARD & DORRI PORIOR	10					10
WD-726-M-5	810-812 PARK ST	CHRISTIAN M & BLAKE E STUEBER	10			10		20
WD-86-6	818-820 PARK ST	LEE E & JUDITH E STUEBER	10			10		20
WD-85-1-2	123 S NINTH ST	UNITED STATES POSTAL SERVICE				10		10
WD-86	840 PARK ST	AHORN 9 LLC	25	10.0		20		55
WD-86-5	850 MORNING GLORY LN	DEPERE HOUSING AUTHORITY	60	32.5				92.5
WD-726-M-7	234 TWILIGHT DR	DENNIS D & CATHERINE M DOHERTY	40	12.5				52.5
WD-726-M-8	240 TWILIGHT DR	BERNARD C KEMPEN		5.0				5
WD-726-M-11	320 TWILIGHT DR	TIMOTHY NEIL DASSEY	45	5.0				50
WD-726-M-12	802 MORNING GLORY LN	PATRICIA L SMITS	105					105
WD-86-1	242 ALLARD ST	JENNIFER L NORTON	10			10		20
WD-86-3	236 ALLARD ST	DEBORAH A MAUTHE	15	5.0				20
WD-86-4	230 ALLARD ST	GREGORY M & ELISE E PULS	60					60
WD-726-M-35	733 PARK ST	BRADLEY A & COLLEEN M BUCHOLTZ	15					15
WD-726-M-34	737 PARK ST	ALEX E & KELLY N KOCKEN		5.0		15		20
WD-726-M-32	753 PARK ST	ROBERT P DE GROOT	30					30
WD-726-M-31	241 TWILIGHT DR	LYNN M WINSKI		5.0				5
WD-726-M-30	303 TWILIGHT DR	PATRICK J & LINDA L KAZIK	25	5.0				30
WD-90-1	306 ALLARD ST	DEVIN C & LISA C PEROCK	5					5
WD-90-2	310 ALLARD ST	MELISSA K ROFFERS	10	5.0				15
WD-88	324 ALLARD ST	JAMES R & BONITA J JACKSON JR	10	5.0		10		25
WD-726-M-26	746-748 MORNING GLORY LN	JEROME J (JOE) SECOR REVOCABLE TRUST	20					20
WD-726-M-24	734 MORNING GLORY LN	DIANE M GOFFARD		10.0				10
WD-726-M-23	330 ALLARD ST	LINDA M & SAMUEL A GIBERSON	10	10.0				20
WD-90	300 ALLARD ST	NANCY A FENNEMA				5		5
WD-107-3	405 ALLARD ST	JOHN G & GLENN W BOUGIE	5	2.5				7.5
WD-107-4	411 ALLARD ST	EST OF KENNETH R KEMPEN CORP GUARDIANS OF NE WI		2.5		10		12.5
WD-107	818 GRANT ST	GETTY T FOSS	20					20
WD-107-2	830 GRANT ST	DOLORES BAETEN	70					70
WD-107-1	816 GRANT ST	LILLIAN M VISSERS LE	25					25
WD-108-2	810 GRANT ST	KELSEY M O DONNELL MAUTHE	10	5.0				15
WD-108-1	800 GRANT ST	ERIC SCHMOLL		10.0				10
WD-109-1	750 GRANT ST	CAROL J BRENNAN LE	10	5.0				15
WD-109-2	748 GRANT ST	KIM M HOERNING		5.0				5
WD-109	740 GRANT ST	SAMANTHA J GATES		20.0				20
WD-343	601 REID ST	DAVID J SOLPER & VICKI L HEBEL		5.0				5
WD-95-1	622 GRANT ST	DONALD L STAEVEN		15.0		15		30
WD-95	634 GRANT ST	HUNTER J WESOLOSKI	10	15.0				25
WD-97	642 GRANT ST	JERAD W & KRISTEN J MARSH		10.0		10		20
WD-96	646 GRANT ST	NICOLE M BREY	5	15.0				20
WD-95-2	656 GRANT ST	KIM J THOMSON		5.0				5
WD-94-1	662 GRANT ST	STEPHANIE M & SCOTT J WENZEL	20	10.0				30
WD-93-1	702 GRANT ST	SAMANTHA S BAETEN		10.0				10
WD-93-2	708 GRANT ST	JAMES P LANDWEHR		5.0				5
WD-93-4	712 GRANT ST	MICHAEL J & RAELENN KLASNY		10.0				10
WD-93	720 GRANT ST	KENNETH W & SANDRA L VERHAGEN	15	10.0				25
WD-344	607 REID ST	ROBERT J & MARY J PFOTENHAUER		10.0				10
WD-348	625 REID ST	PETER G & MARY C KIRSCHLING		5.0				5
WD-350	643 REID ST	JANICE K CHERRY	5					5
WD-351	645 REID ST	CASEY J KEYSER		5.0				5
WD-352	649 REID ST	DANIEL J VAN CAMP		5.0				5
WD-355	669 REID ST	TIMOTHY G GONGOLL & JUDITH L BRASURE	115					115

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CITY OF DE PERE PROJECT 17-05 SIDEWALK, CURB, AND CONCRETE PAVEMENT REPAIR			HORIZONTAL DISPLACEMENT	VERTICAL DISPLACEMENT	PROFILE VARIATION	SURFACE IMPERFECTION	OTHER	TOTAL
SIDEWALK REPAIR AREA			PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE
PARCELID	LOCATION	OWNMAIL1						
WD-355-1	701 REID ST	CHRISTINE H WOLFF	150					150
WD-355-2	709 REID ST	MATTHEW W HOOYMAN	15	5.0				20
WD-355-3	713 REID ST	KIM L & VICTORIA J EBBEN	30	10.0				40
WD-726-M-22	402 ALLARD ST	KRISTINE G HUTH	10	10.0				20
WD-726-M-21	735 MORNING GLORY LN	KAITLYN POPOUR	10	10.0				20
WD-726-M-20	741 MORNING GLORY LN	DANIEL E DORO		5.0				5
WD-726-M-19	747-749 MORNING GLORY LN	JEROME J (JOE) SECOR REVOCABLE TRUST	10	10.0				20
WD-106	904 GRANT ST	DONALD F & SUZANNE M ROFFERS	35			20		55
WD-106-1	910 GRANT ST	PATRICK E VAN DREEL		7.5				7.5
WD-106-2	916 GRANT ST	MINDY A MILLAR		20.0				20
WD-726-M-15	920 GRANT ST	JAKE J VANDEHEI	5	7.5				12.5
WD-708-P-10	1002 GRANT ST	ROGER F GRUEB	5					5
WD-708-P-8	1010 GRANT ST	KENNETH D & GAIL A DAVIS		5.0				5
WD-708-P-7	1014 GRANT ST	BRAD W & LISA L PULSHIS		5.0				5
WD-708-P-13	1011 TWILIGHT DR	JEFFREY J MARQUIS		5.0				5
WD-708-P-14	1015 TWILIGHT DR	RICHARD C & CHERYL L CHRISTENSEN	35					35
WD-708-P-22	813 MORNING GLORY LN	KRISTIE L VANNOIE		7.5				7.5
WD-708-P-19	823 MORNING GLORY LN	THERESA E MONFORT	5	5.0				10
WD-708-P-18	405 APOLLO WY	EUGENE J GIBBONS	5	7.5				12.5
WD-708-P-17	415 APOLLO WY	PATTI A BESSON	15	5.0				20
WD-708-P-16	421 APOLLO WY	ANDREW D & DANIELLE J PANTZLAFF		5.0				5
WD-708-P-15	427 APOLLO WY	JAMES G HOFFMAN	10	10.0				20
WD-708-P-21	1002 TWILIGHT DR	MOLLY J FRANK	10	2.5				12.5
WD-726-M-14	920 TWILIGHT DR	ANDREW J & LISA A WITCPALEK	5	2.5				7.5
WD-726-M-13	803 MORNING GLORY LN	SM & CM ENTERPRISES LLC	10	15.0				25
WD-883-V-7	402 APOLLO WY	MARK S & PAMELA A HILLERT		5.0				5
WD-708-P-31	414 APOLLO WY	ALVIN C & HEATHER S HELGESON	60					60
WD-708-P-25	421 LOIS ST	RANDAL G & WENDY J HEDLUND	10	5.0				15
WD-708-P-32	420 APOLLO WY	KATHLEEN M HOFFMAN	15					15
WD-708-P-33	426 APOLLO WY	BRUCE A SKOVERA	20	15.0				35
WD-708-P-28	415 LOIS ST	SCOTT J & KARLA A DEMILLE	5	5.0				10
WD-883-V-6	409 LOIS ST	MATTHEW A PIESCHEK	60	15.0				75
WD-1005	415 S NINTH ST	LUCILLE M VER HAAGH		5.0				5
WD-D0212	381 S NINTH ST	MICHAEL J LAES		20.0				20
WD-D0212-D	341 S NINTH ST	JEREMY G & LORI E SITOR		10.0		10		20
WD-D0212-C	323 S NINTH ST	LANE M PETRAS		2.5				2.5
WD-883-V-1	1118 TWILIGHT DR	ROBERT J & VIRGINIA M KENNEDY	5					5
WD-105-B	424 LOIS ST	JOHN J & CATHY M BARNES		5.0				5
WD-883-V-3	305 S NINTH ST	RICHARD F & MARY K CERNEY II	10	2.5				12.5
WD-883-V-4	412 LOIS ST	JOHN C & LORI A SWANSON		15.0				15
WD-708-P-6	1111 TWILIGHT DR	RONALD L HENDRICKS	45					45
WD-708-P-5	1107 TWILIGHT DR	MARTA A EHLERT		2.5				2.5
WD-708-P-4	1103 TWILIGHT DR	JAMES F & ZOE K MICKE		2.5				2.5
WD-708-P-3	1102 GRANT ST	GEORGE W & CAROL ANN SLACK		7.5				7.5
WD-708-P-2	1106 GRANT ST	JOIE A & DAWN T KAMPEN		7.5				7.5
WD-708-P-1	1110 GRANT ST	GLENN W & LYNNE A BOUGIE		5.0				5
WD-D0211-2	1112 GRANT ST	CRISTIE M CANNELL		5.0				5
WD-D0211-1	1120 GRANT ST	NANCY EDGES		10.0				10
WD-364-303	1134-1136 GRANT ST	SUSAN LARRABEE		5.0				5
WD-364-302	1146-1148 GRANT ST	RAYMOND J HOFFMAN		5.0				5
WD-1002	435 S NINTH ST	SCOTT W & SALLY A KAZIK		5.0				5
WD-D0200-1	901 MAIN AV	WALGREEN CO REAL ESTATE PROPERTY TAX	5			5		10
WD-D0206-1	1180 GRANT ST	CITY OF DEPERE				15		15
WD-D0200-4	114 S NINTH ST	ROYAL VISTA EQUINE LANDHOLDINGS LLC	15	25.0				40
WD-D0206-2-A	430 S NINTH ST	LAMERS A & K PROPERTIES LLP		5.0		5		10
WD-1022	418-420 S NINTH ST	MARK A LAMERS		5.0				5
WD-1021	414-416 S NINTH ST	RAYMOND J HOFFMAN		12.5				12.5
WD-1020	400-402 S NINTH ST	JOSEPH G KONSHAK		15.0				15
WD-1019	394-396 S NINTH ST	CHARLES E & SHARON R KUSSOW		2.5				2.5

Attachment: Property & Sidewalk Repair List (5802 : Consider 2017 Sidewalk Repair Orders)

CITY OF DE PERE PROJECT 17-05 SIDEWALK, CURB, AND CONCRETE PAVEMENT REPAIR			HORIZONTAL DISPLACEMENT	VERTICAL DISPLACEMENT	PROFILE VARIATION	SURFACE IMPERFECTION	OTHER	TOTAL
SIDEWALK REPAIR AREA			PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE	PRIVATE
PARCELID	LOCATION	OWNMAIL1						
WD-364-317	420 MOONGLOW DR	SHAWN M & MICHELE L TATE	5					5
WD-364-319	408 MOONGLOW DR	JENNIFER B DOERING	20	5.0				25
WD-364-320	402-404 MOONGLOW DR	JAMES G GILLIS	10					10
WD-D0207	1200 GRANT ST	HAROLD A NACKERS		7.5				7.5
WD-D0206-3	1192 GRANT ST	PAUL T & TABATHA J NEUMAN		2.5				2.5
WD-D0204-2	200 S NINTH ST	TDR PROPERTIES LLC		30.0				30
WD-D0204	250 S NINTH ST	RENNES DEVELOPMENT CO LLP	5	30.0				35
WD-364-316	342 S NINTH ST	LUKE J VER BOORT	30	15.0				45
WD-364-315	411-413 MOONGLOW DR	GRACE A HOCKERS	5	5.0				10
WD-364-312	322-324 S NINTH ST	SUSAN M MULLINS	10	15.0				25
WD-883-V-5	300-302 S NINTH ST	GARY L & DEANNA M JONET	10	15.0				25

SIDEWALK REPAIR AND REPLACEMENT PROGRAM

<u>YEAR</u>	<u>DESCRIPTION OF AREA</u>
2017	West side of Fox River, west of RR tracks, north of Grant Street
2018	West side of Fox River, west of RR tracks, Grant to Scheuring
2019	East side of Fox River, north of Charles, west of Webster
2020	East side of Fox River, north of Charles, east of Webster
2021	West side of Fox River, east of RR tracks, north of Scheuring
2022	West side of Fox River, south of Scheuring Road
2023	East side of Fox River, south of Charles Street, west of Jordan/Ontario
2024	East side of Fox River, south of Charles, east of Jordan/Ontario
2025	East side of Fox River, south of Charles, east of Jordan/Ontario

GUIDELINES

DEFECTIVE SIDEWALK AND ACCEPTABLE REPAIRS		
<u>CRITERIA</u>	<u>DEFECT</u>	<u>REPAIRS*</u>
Vertical Displacement	3/4" high or greater for 12" of joint	---Replace ---Mudjack ---Grinding up to 2" vertical
Horizontal Displacement	Greater than 1/2" for crack 3' or longer	---Replace ---Level crack may be cleaned and filled with concrete epoxy
Profile Variance	Over 4" per slab	---Replace ---Mudjack
Inverse Slope	Trapped water	---Replace ---Mudjack
Surface Imperfections	---50% or more of slab spalled ---Missing piece 3"x3" or greater ---Over 10' of cracks per slab	---Replace ---Missing piece up to 12" x 12" may be cleaned and filled with concrete epoxy

***Ramping of Vertical Displacement or Concrete Overlay of sidewalk are NOT acceptable repairs.**

2017

ESTIMATED COSTS

SIDEWALK & SIDEWALK REPLACEMENT

NEW 4" SIDEWALK

4-Inch Concrete	\$5.00
Excavation and Basecourse	0.62
Ties	0.64
Eng., Admin., & Cont.	<u>1.56</u>
TOTAL	\$7.82/S.F. = \$36.51/L.F.

NEW 6" DRIVEWAY

6-Inch Concrete	\$5.33
Excavation and Basecourse	0.62
Ties	0.64
Eng. Admin., & Cont.	<u>1.65</u>
TOTAL	\$8.24/S.F. = \$41.20/L.F.

REPLACEMENT 4" SIDEWALK

Remove and Replace 4-Inch Concrete	\$5.44
Basecourse	0.18
Ties	0.64
Eng., Admin., & Cont.	<u>1.57</u>
TOTAL	\$7.84/S.F. = \$36.58/L.F.

REPLACEMENT 6" DRIVEWAY

Remove and Replace 6-Inch Concrete	\$6.11
Basecourse	0.18
Ties	0.64
Eng., Admin., & Cont.	<u>1.73</u>
TOTAL	\$8.67/S.F. = \$40.46/L.F.



City of De Pere

925 South Sixth Street
De Pere, Wisconsin 54115-1199
Phone: 920-339-4060
Fax: 920-339-4071
Cell: 920-639-1019

Chase K Kuffel
Assistant City Engineer
ckuffel@mail.de-pere.org
www.de-pere.org

DATE:

«OWNMAIL1»
«OWNMAIL3»
«OWNMAIL4»

DEAR PROPERTY OWNER:

In 1974 the Board of Public Works of the City of De Pere initiated a program to make all sidewalks in the City safe for pedestrians. Annually since then, the Board has selected an area of the City for review and correction. This year your area was chosen.

Using guidelines set by the Board, the Engineering Department inspected the sidewalk abutting your property. Sections of sidewalk in need of correction were marked as follows:

--- Individual sections are sprayed with green paint. Note that multiple sections may also be marked in this way. Multiple sections marked with a green arrow indicates that all sections between, and including the arrows should be repaired. Repair of defects marked green are the property owners responsibility.

--- Sections marked with white paint are the City's responsibility.

--- Only defective or hazardous walk has been marked. Please note that occasionally, at the time of construction, it is found that additional adjacent walk needs to be removed and replaced to properly align the repair walk.

The findings of the Engineering Department were reported to the Board of Public Works on May 8, 2017. Upon review the Board ordered the following repairs (approximate footage):

<u>ADDRESS</u>	<u>HORIZONTAL DISPLACEMENT</u>	<u>VERTICAL DISPLACEMENT</u>	<u>PROFILE VARIANCE</u>	<u>SURFACE IMPERFECTION</u>	<u>OTHER</u>
«LOCATION»	«HORIZONTAL_ DISPLACEMENT»	«VERTICAL_ DISPLACEMENT»	«PROFILE_ VARIATION_»	«SURFACE_ IMPERFECTION»	«OTHER»

The order allows you to make the corrections yourself or to arrange to have them made by a duly licensed sidewalk contractor (visit www.de-pere.org) of your choice on or before June 30, 2017. Any work remaining after that date will be done by the City by contract. If you choose to make any repairs by mudjacking, grinding, or crack filling with concrete epoxy, (where allowed) please contact the Engineering Department on or before June 30, 2017 to have the repairs inspected and approved. Ramping of vertical displacement is NOT acceptable. The preliminary 2017 cost of replacement of 4" sidewalk is \$36.58 per foot (\$182.90 per 5' slab) and the cost of 6" driveway is \$40.46 per foot (\$202.30 per 5' slab). Sidewalk that is replaced by the City Contractor will be seeded. The Homeowner is required to water and maintain.

*** Property owners with invisible fences or sprinkling systems located in the city right-of-way should have these items located prior to construction. The contractor cannot guarantee the condition of these items once construction begins.**

Your cooperation toward the attainment of safer sidewalks is appreciated. If you should have any questions regarding this matter, please contact Scott Lax with the City Engineering Department at 339-4072, extension 2232 or contact him by email at slax@mail.de-pere.org.

Sincerely,

DEPARTMENT OF PUBLIC WORKS

Chase Kuffel
Assistant City Engineer



City of De Pere

925 South Sixth Street
De Pere, Wisconsin 54115-1199
Phone: 920-339-4060
Fax: 920-339-4071
Cell: 920-639-1019

Chase K Kuffel
Assistant City Engineer
ckuffel@mail.de-pere.org
www.de-pere.org

DATE

«OWNMAIL1»
«OWNMAIL3»
«OWNMAIL4»

Re: «LOCATION», «PARCELID»

DEAR PROPERTY OWNER:

In 1974 the Board of Public Works of the City of De Pere initiated a program to make all sidewalks in the City safe for pedestrians. Annually since then, the Board has selected an area of the City for review and correction. This year your area was chosen.

You are receiving this letter to inform you that the City will be performing sidewalk repairs adjacent to your property. There is no charge to you for these repairs because the terrace trees are determined to have caused the damage.

Using guidelines set by the Board, the Engineering Department inspected the sidewalk abutting your property. Sections of sidewalk in need of correction were marked as follows:

--- Sections in need of repairs are marked with green or white paint.

--- Sections marked with white paint are the City's responsibility. Note that multiple sections may be marked in this way.

--- Only defective or hazardous walk has been marked. Please note that occasionally, at the time of construction, it is found that additional adjacent walk needs to be removed and replaced to properly align the repair walk.

The sidewalk that is replaced by the City Contractor will be seeded. The property owner is required to water and maintain the landscaping area.

The sidewalk construction is scheduled to begin the week of July 10, 2017.

*** Property owners with invisible fences or sprinkling systems located in the city right-of-way should have these items located prior to construction. The contractor cannot guarantee the condition of these items once construction begins.**

Your cooperation toward the attainment of safer sidewalks is appreciated. If you should have any questions regarding this matter, please call Scott Lax with the City Engineering Department at 339-4072, extension 2232 or contact him by email at slax@mail.de-pere.org.

Sincerely,

DEPARTMENT OF PUBLIC WORKS

Chase Kuffel
Assistant City Engineer

S:\PW Secretary\Board Meetings\2017\May 2017\May 8, 2017 BOPW\2017 Sidewalk Notification Letter City Responsibility.docx

Attachment: 2017 Sidewalk Notification Letter City Responsibility (5802 : Consider 2017 Sidewalk Repair Orders)

City of De Pere, Wisconsin

**Request For Board of Public Works Action**

MEETING DATE: May 8, 2017

DEPARTMENT: Public Works

FROM: Eric Rakers

SUBJECT: Consider Award of Contract Project 17-05 Sidewalk, Curb, and Concrete Pavement Repair.*

The Engineering Department received bids on Project 17-05 Sidewalk, Curb and Concrete Pavement Repair on April 27, 2017. This work is for maintenance of sidewalk, curb, and concrete pavement repairs. The bids received were as follows:

Contractor	Amount
Fischer Ulman Construction, Inc.	\$127,013.50
Norcon Corporation	\$156,275.50
Martell Construction, Inc.	\$170,907.50
Sommers Construction	\$180,965.00

The budgeted amount from the capital improvement fund is \$137,500. Funding will be \$122,500 from the general obligation debt for street management and \$15,000 from the Parks Department capital improvements fund. Staff recommendation is to award the bid to Fischer Ulman Construction, Inc. in the amount of \$127,013.50.

ATTACHMENTS:

- 17-05 Bid Tab(PDF)



BID TAB
CITY OF DE PERE PROJECT 17-05 SIDEWALK, CURB, AND CONCRETE PAVEMENT REPAIR

ITEM	DESCRIPTION	UNIT	QTY	BIDDER NO. 1		BIDDER NO. 2		BIDDER NO. 3		BIDDER NO. 4	
				Fischer Ulman Construction		Norcon Corporation		Martell Construction, Inc.		Sommers Construction	
				UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
STREET & DRAINAGE - VARIOUS LOCATIONS											
SD-01	Remove and Replace Doweled 9" Concrete Pavement High-Early Strength	SY	200	\$ 73.00	\$ 14,600.00	\$ 86.00	\$ 17,200.00	\$ 82.00	\$ 16,400.00	\$ 80.00	\$ 16,000.00
SD-02	Remove and Replace Doweled 8" Concrete Pavement High-Early Strength	SY	240	\$ 65.00	\$ 15,600.00	\$ 82.00	\$ 19,680.00	\$ 79.00	\$ 18,960.00	\$ 78.00	\$ 18,720.00
SD-03	Remove and Replace Doweled 8" Colored Concrete Pavement High-Early Strength	SY	75	\$ 90.00	\$ 6,750.00	\$ 115.00	\$ 8,625.00	\$ 90.00	\$ 6,750.00	\$ 115.00	\$ 8,625.00
SD-04	Remove and Replace 6" Concrete Driveway, Sidewalk and Ramps	SY	20	\$ 57.20	\$ 1,144.00	\$ 60.50	\$ 1,210.00	\$ 67.50	\$ 1,350.00	\$ 70.00	\$ 1,400.00
SD-05	Remove and Replace 4" Concrete Sidewalk	SY	32	\$ 51.00	\$ 1,632.00	\$ 54.00	\$ 1,728.00	\$ 60.00	\$ 1,920.00	\$ 65.00	\$ 2,080.00
SD-06	Remove and Replace 24" Concrete Curb and Gutter Integral	LF	300	\$ 32.00	\$ 9,600.00	\$ 36.00	\$ 10,800.00	\$ 30.00	\$ 9,000.00	\$ 39.00	\$ 11,700.00
SD-07	Remove and Replace 24" Colored Concrete Curb and Gutter Integral	LF	50	\$ 45.00	\$ 2,250.00	\$ 49.00	\$ 2,450.00	\$ 42.00	\$ 2,100.00	\$ 50.00	\$ 2,500.00
SD-08	Remove and Replace 24" Concrete Curb and Gutter	LF	60	\$ 33.00	\$ 1,980.00	\$ 34.00	\$ 2,040.00	\$ 38.00	\$ 2,280.00	\$ 39.00	\$ 2,340.00
SD-09	Install New 6" Concrete Sidewalk and Ramps	SY	35	\$ 48.00	\$ 1,680.00	\$ 54.00	\$ 1,890.00	\$ 58.50	\$ 2,047.50	\$ 55.00	\$ 1,925.00
SD-10	Install New 4" Concrete Sidewalk	SY	190	\$ 45.00	\$ 8,550.00	\$ 43.00	\$ 8,170.00	\$ 54.00	\$ 10,260.00	\$ 50.00	\$ 9,500.00
SD-11	Unclassified Excavation	CY	60	\$ 16.00	\$ 960.00	\$ 24.00	\$ 1,440.00	\$ 20.00	\$ 1,200.00	\$ 30.00	\$ 1,800.00
SD-12	Crushed Aggregate Base Course ¾ Inch	TONS	60	\$ 16.00	\$ 960.00	\$ 24.00	\$ 1,440.00	\$ 18.50	\$ 1,110.00	\$ 25.00	\$ 1,500.00
SD-13	Additional 10" Width of Excavation and Aggregate Base	LF	100	\$ 10.00	\$ 1,000.00	\$ 24.00	\$ 2,400.00	\$ 15.00	\$ 1,500.00	\$ 12.00	\$ 1,200.00
SD-14	Drilled Tie Bars	EA	125	\$ 6.50	\$ 812.50	\$ 6.50	\$ 812.50	\$ 8.00	\$ 1,000.00	\$ 7.00	\$ 875.00
SD-15	Drilled Dowel Bars	EA	520	\$ 11.00	\$ 5,720.00	\$ 13.00	\$ 6,760.00	\$ 12.75	\$ 6,630.00	\$ 12.50	\$ 6,500.00
SD-16	Cross-Stitching Longitudinal Joints and Cracks – ¾" Bars	EA	50	\$ 30.00	\$ 1,500.00	\$ 75.00	\$ 3,750.00	\$ 50.00	\$ 2,500.00	\$ 22.00	\$ 1,100.00
SD-17	Drill into Existing Curb and Gutter and Sidewalk	EA	50	\$ 4.00	\$ 200.00	\$ 6.00	\$ 300.00	\$ 8.00	\$ 400.00	\$ 6.00	\$ 300.00
SD-18	Concrete Pavement Partial Depth Repair – Joint Repair	LF	150	\$ 60.00	\$ 9,000.00	\$ 29.00	\$ 4,350.00	\$ 30.00	\$ 4,500.00	\$ 40.00	\$ 6,000.00
SD-19	Detectable Warning Field (Natural)	EA	3	\$ 225.00	\$ 675.00	\$ 250.00	\$ 750.00	\$ 250.00	\$ 750.00	\$ 300.00	\$ 900.00
SD-20	Traffic Control and Detour Route (Third Street)	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 4,500.00	\$ 4,500.00	\$ 7,000.00	\$ 7,000.00	\$ 6,000.00	\$ 6,000.00
SD-21	Voyageur Park Concrete Dock Repair	LS	1	\$ 14,000.00	\$ 14,000.00	\$ 24,950.00	\$ 24,950.00	\$ 40,000.00	\$ 40,000.00	\$ 45,000.00	\$ 45,000.00
STREET AND DRAINAGE (SIDEWALK REPAIR AREA)											
SD-22	Remove and Replace 6" Concrete Driveway, Sidewalk and Ramps	SY	60	\$ 55.00	\$ 3,300.00	\$ 60.50	\$ 3,630.00	\$ 67.50	\$ 4,050.00	\$ 70.00	\$ 4,200.00
SD-23	Remove and Replace 4" Concrete Sidewalk	SY	400	\$ 49.00	\$ 19,600.00	\$ 54.00	\$ 21,600.00	\$ 58.75	\$ 23,500.00	\$ 65.00	\$ 26,000.00
SD-24	Additional 10" Width of Excavation and Aggregate Base	LF	100	\$ 10.00	\$ 1,000.00	\$ 24.00	\$ 2,400.00	\$ 15.00	\$ 1,500.00	\$ 12.00	\$ 1,200.00
SD-25	Drill into Existing Curb and Gutter and Sidewalk	EA	400	\$ 4.00	\$ 1,600.00	\$ 6.00	\$ 2,400.00	\$ 8.00	\$ 3,200.00	\$ 6.00	\$ 2,400.00
SD-26	Detectable Warning Field (Natural)	EA	4	\$ 225.00	\$ 900.00	\$ 250.00	\$ 1,000.00	\$ 250.00	\$ 1,000.00	\$ 300.00	\$ 1,200.00
Total Amount Bid					\$ 127,013.50		\$ 156,275.50		\$ 170,907.50		\$ 180,965.00

Attachment: 17-05 Bid Tab (5793 : Consider Award of Contract Project 17-05)