PUBLIC NOTICE OF MEETING
BOARD OF PUBLIC WORKS

Pursuant to Section 19.84, Wisconsin Statutes, notice is hereby given to the public that a regular meeting of the Board of Public Works of the City of De Pere will be held on Monday, June 7, 2010, 7:30 pm in the Council Chambers of the City Hall.

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.

AGENDA FOR SAID MEETING:

1. Roll Call
2. Approve minutes of the regular meeting held on May 10, 2010, which were previously forwarded to Board Members
3. Approve Sidewalk Repair Order Changes
4. Approve the bid for Project 10-06 Step Repair
5. Reject the bid for Project 10-12 Police HVAC
6. Approve the bid for Project 10-17 Sewer Repair
7. Approve the Purchase of a Trench Box
8. Approve Sidewalk Repair Policy re: Terrace Tree Impact to Sidewalks
9. Discussion of the Claude Allouez Bridge Roundabout
10. Discuss the Tour of the Tri-County Single Stream Recycling Facility
11. Discussion of Special Assessment Policy
12. Approve Quote for Water Tower & Reservoir Inspections
13. Update on Traffic/Parking Team Meeting held April 4, 2010
14. Public Comment
15. Future Agenda Items
16. Adjournment

AGENDA SENT TO:
Alderpersons/Aldermanic Candidates
Mayor
Administrator
Clerk's Office
Bulletin Boards
Lee Schley
Karen Heyrman
Legal Office
Feaker & Sons Co. Inc.
Tweet Garot Mechanical Inc.
Huckman Mechanical Industries Inc.

Scott J. Thoresen, P.E.
Public Works Director

De Pere Journal
Green Bay Press Gazette
TV and Radio Stations
De Pere Area Business Alliance
North American Communications
WI Public Service Corporation
Ms. Diane Hockers, 429 S. Ninth St, De Pere
A&M Concrete Construction, Inc.
Reeke-Marold Co. Inc.
August Winter & Sons, Inc.

Any person wishing to attend whom, because of disability, requires special accommodations should contact the office of the Clerk-Treasurer at 339-4050 by noon on the day of the meeting so that arrangements can be made.
BOARD OF PUBLIC WORKS

A regular meeting of the Board of Public Works was held on Monday, May 10, 2010, at 7:30 pm in the Council Chambers at City Hall.

1. Roll Call

Members present on roll call: Mayor Walsh, Alderperson’s Wilmet, Boyd, Heuvelmans and Bauer. Members absent on roll call: None. Others present: Scott Thoresen - Director of Public Works, Sue Selissen - Public Works Secretary, recording secretary.

2. Approve minutes of the regular meeting held on April 12, 2010; which were previously forwarded to Board Members

Minutes of the April 12, 2010 regular meeting previously forwarded to members of the Board were presented. A motion to approve the minutes was made by Alderperson Heuvelmans, seconded by Alderperson Wilmet. Upon vote, motion was carried unanimously.

3. Discuss 65-Gallon Garbage Carts

Scott Thoresen, Public Works Director, presented this agenda item to the Board that was previously discussed at last months meeting. He stated that he had discussed this item with staff again and it was recommended that to promote recycling, we charge $25 for a small garbage cart and $90 for a large one. At this time, the costs of recycling carts will remain the same. Alderperson Bauer asked if there were any plans for educating the residents on recycling. Scott stated that he is working on a video that shows the recycling process, addresses the savings of tax dollars and also educates residents on cart storage at the home and other information pertaining to collection. Alderperson Boyd asked if a resident could swap a large cart for a small cart at no additional cost. Scott reiterated that this new policy would basically affect residents who are purchasing new carts due to new home construction and added that a resident could certainly swap if they wanted to. A motion to approve the new price schedule for garbage carts was made by Alderperson Boyd with the condition that a resident could swap a large cart for a small cart at no additional charge, seconded by Alderperson Wilmet. Upon vote, motion was carried with 4 Ayes (Mayor Walsh, Alderpersons Wilmet, Boyd and Bauer) and 1 Nay (Alderperson Heuvelmans).

4. Discuss MSC Rubbish Drop Off Policy

Scott Thoresen, Public Works Director, presented this agenda item to the Board that was previously discussed at last months meeting. Scott stated that after several residents that reside next to the MSC expressed a concern about drop off occurring at night, staff reviewed the policy and is now recommending that drop off hours be limited to the hours of 7am – 7pm, 7 days a week under camera surveillance, adding that this new drop off policy will be re-evaluated after one year. Scott also stated that if approved, the purchase of the new camera will be presented to the Common Council on May 18th. After a brief discussion, a motion was made to approve the purchase of the camera and to change the drop off hours from 7am – 7pm by Alderperson Heuvelmans, seconded by Alderperson Boyd. Upon
vote, motion carried with 4 Ayes (Mayor Walsh, Alderpersons Heuvelmans, Wilmet and Boyd) and 1 Nay (Alderperson Bauer).

5. **Elect Vice Chairperson**

After a brief discussion, a motion was made to elect Alderperson Heuvelmans Vice Chair by Alderperson Wilmet, seconded by Alderperson Boyd. A motion was made to elect Alderperson Boyd for Vice Chair by Alderperson Heuvelmans, seconded by Alderperson Bauer. Upon vote, the motion to elect Alderperson Heuvelmans was carried with 3 Ayes (Mayor Walsh, Alderperson Wilmet and Boyd. Alderperson Boyd received votes from Alderperson Heuvelmans and Bauer.

6. **Approve Bid for Project 10-02, Brick Paver Maintenance and Concrete Sealing**

After a brief discussion a motion was made to approve the bid from A&M Concrete and Construction, Inc. in the amount of $38,511.00 by Alderperson Wilmet, seconded by Mayor Walsh. Upon vote, motion carried unanimously.

7. **Approve Bid for Project 10-04 Street Construction and Reconstruction**

With no discussion, a motion was made by Alderperson Boyd to approve the bid from Peters Concrete Company in the amount of $401,771.67, seconded by Alderperson Bauer. Upon vote, motion carried unanimously.

8. **Approve Bid for Project 10-05 Sidewalk and Concrete Repairs**

After a brief discussion regarding notification of residents and information about contracting out their work vs. it being completed by the City, a motion was made by Mayor Walsh to approve the bid from Fischer-Ulman Construction, Inc. in the amount of $156,292.00, seconded by Alderperson Wilmet. Upon vote, motion carried unanimously.

9. **Approve Sidewalk Repair Orders**

With no discussion, a motion was made by Mayor Walsh to approve the Sidewalk Repair Orders, seconded by Alderperson Boyd. Upon vote, motion carried unanimously.

10. **Approve West Business Park Grading**

Scott Thoresen, Public Works Director presented this item to the Board. Scott added that this was being done to prevent these locations from becoming a wetland area due to poor drainage. A motion was made by Mayor Walsh to approve the grading for a total amount of $15,000.00, seconded by Alderperson Heuvelmans. Upon vote, motion carried unanimously.

11. **Public Comment**

None.

12. **Future Agenda Items**
15. **Adjournment.**

A motion was made by Alderperson Mayor Walsh at 8:10 pm to adjourn, seconded by Alderperson Wilmet. Upon vote, motion was carried unanimously.

SCOTT J. THORESEN, P.E.
DIRECTOR OF PUBLIC WORKS
Memorandum

To: Honorable Mayor Walsh
Members of the Board of Public Works

From: Karen Heyrman, P.E.
Assistant City Engineer

Re: Approve Sidewalk Repair order changes

Date: June 3, 2010

Discussion:
Prior to advertising the sidewalk repair orders the following errors were corrected:

Parcel # WD-708-H-23 - Property owners are Denis and Sue Christopherson, not Daniel L. & Dorothy A. Stark, mailing address is 1113 Westwood Dr, not 1113 Fay Ct.

Parcel # WD-708-H-250 – Mailing address is 1188 Countryside, not Donald W & Sandra M Hendricks.

Parcel # WD-120-2 – Property owners are David J & Barbara A Baumberger, not John & Lynn Aland.

All parties involved were contacted and informed of the error and correction.

Recommendation: To approve corrections made to the sidewalk repair orders.
Memorandum

To: Honorable Mayor Walsh  
Members of the Board of Public Works

From: Karen Heyrman, P.E.  
Assistant City Engineer

Re: Bids for Project 10-06  
Step Repair

Date: June 3, 2010

Discussion: The following bids were received for Project 10-06

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Bid Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>A&amp;M Concrete &amp; Construction, Inc.</td>
<td>$47,950</td>
</tr>
<tr>
<td>Martell Construction</td>
<td>$52,555</td>
</tr>
<tr>
<td>Best Built Inc.</td>
<td>$76,564</td>
</tr>
</tbody>
</table>

This project includes step repairs at City Hall and Perrot Square as well as the removal of the Main Avenue viaduct steps. $48,000 was budgeted in the Street Management Account for this project. The recommendation is to accept the bid from A&M Concrete & Construction in the amount of $47,950.
<table>
<thead>
<tr>
<th>ITEM</th>
<th>ITEM DESCRIPTION</th>
<th>UNIT</th>
<th>QTY</th>
<th>UNIT PRICE</th>
<th>AMT BID</th>
<th>UNIT PRICE</th>
<th>AMT BID</th>
<th>UNIT PRICE</th>
<th>AMT BID</th>
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<td></td>
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</tr>
<tr>
<td>1</td>
<td>CITY HALL STEP REPAIR</td>
<td>LS</td>
<td>1</td>
<td>$7,200.00</td>
<td>$24,100.00</td>
<td>$20,000.00</td>
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<td></td>
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<tr>
<td>2</td>
<td>PERROT SQUARE MALL</td>
<td>LS</td>
<td>1</td>
<td>$17,000.00</td>
<td>$18,500.00</td>
<td>$26,847.00</td>
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<td>3</td>
<td>MAIN AVE STEP REMOVAL</td>
<td>LS</td>
<td>1</td>
<td>$22,875.00</td>
<td>$9,500.00</td>
<td>$29,717.00</td>
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<td>2.9.16</td>
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<td>35</td>
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<td>$525.00</td>
<td>$10.00</td>
<td>$350.00</td>
<td>$0.00</td>
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<td>628.2002</td>
<td>Erosion Mat Class I Type A</td>
<td>SY</td>
<td>35</td>
<td>$10.00</td>
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<td>$105.00</td>
<td>$0.00</td>
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<tr>
<td>TOTAL</td>
<td>TOTAL ALL SITES</td>
<td></td>
<td></td>
<td>TOTAL $47,950.00</td>
<td>TOTAL $52,555.00</td>
<td>TOTAL $76,564.00</td>
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<td></td>
</tr>
</tbody>
</table>
Memorandum

To: Honorable Mayor Walsh
    Members of the Board of Public Works

From: Karen Heyrman, P.E.
      Assistant City Engineer

Re: Bids for Project 10-12
    Police HVAC

Date: June 3, 2010

Discussion: The following bids were received for Project 10-12

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Bid Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tweet Garot Mechanical</td>
<td>$257,500 (Incomplete Bid)</td>
</tr>
<tr>
<td>August Winter &amp; Sons</td>
<td>$275,000</td>
</tr>
<tr>
<td>Hureckman Mechanical</td>
<td>$280,000</td>
</tr>
<tr>
<td>Reeke-Marold Co.</td>
<td>$298,000</td>
</tr>
</tbody>
</table>

After review of the bids and budget amount it was determined that the plans provided to us for bidding included additional work that was not in our budget. We will re-bid the work with updated plans and specifications. The staff recommendation is to reject all bids and re-bid the work budgeted.
Memorandum

To: Honorable Mayor Walsh
    Members of the Board of Public Works

From: Karen Heyrman, P.E.
    Assistant City Engineer

Re: Bids for Project 10-17
    Sewer Repair

Date: June 3, 2010

Discussion: The following bids were received for Project 10-17

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Bid Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feaker &amp; Sons Co. Inc.</td>
<td>$54,337.00</td>
</tr>
<tr>
<td>James T. Calmes &amp; Sons</td>
<td>$64,411.10</td>
</tr>
<tr>
<td>Dorner, Inc.</td>
<td>$68,065.00</td>
</tr>
<tr>
<td>DeGroot, Inc.</td>
<td>$70,926.08</td>
</tr>
<tr>
<td>David Tenor Corporation</td>
<td>$70,400.00</td>
</tr>
<tr>
<td>Jossart Brothers</td>
<td>$145,340.00</td>
</tr>
</tbody>
</table>

$130,000 was budgeted in the Waste Water Fund, Storm Water Utility, and the Water Fund for this project. The recommendation is to accept the bid from Feaker & Sons Co. Inc. in the amount of $54,337.00.
<table>
<thead>
<tr>
<th>TOTAL REPAIR</th>
<th>PROJECT 10-17 - Scope of Works</th>
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</thead>
<tbody>
<tr>
<td>$5,000.00</td>
<td>Project Description</td>
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<td>$5,000.00</td>
<td>Project Scope</td>
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<td>$5,000.00</td>
<td>Project Details</td>
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<td>Project Objective</td>
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<td>$5,000.00</td>
<td>Project Timeline</td>
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<td>Project Budget</td>
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<tr>
<td>$5,000.00</td>
<td>Project Risk Management</td>
</tr>
</tbody>
</table>

**NOTE:** The table above outlines the schedule of works for Project 10-17. It includes a description of the project, its scope, details, objective, timeline, budget, risk management, and other relevant information. The project is led by the City of PA - Board of Public Works.
The Occupational Safety and Health Administration (OSHA) requires a protective system such as trench boxes when the water department excavates for water main or water lateral repairs. (See attached OSHA trenching and excavation safety fact sheet) The water department has a larger trench box used for excavating for water main repairs but is in need of a smaller trench box for performing water lateral repairs.

Staff has obtained three (3) quotes for the purchase of a trench box for water lateral repair.

- MMJ Consulting Allen Trench Shoring = $7,453.00
- Safety Corporation of America = $7,682.00
- J&B Tool Inc. = $7,798.00

It is recommended that the City purchase the trench box from MMJ Consulting Allen Trench Shoring in the amount of $7,453.00. This item was not originally budgeted as part of the 2010 budget. Therefore, staff recommends funding for this purchase is taken from the capital account of the water utility.
Trenching and Excavation Safety

Excavation and trenching are among the most hazardous construction operations. OSHA defines an excavation as any man-made cut, cavity, trench, or depression in the earth's surface formed by earth removal. A trench is defined as a narrow underground excavation that is deeper than it is wide, and is no wider than 15 feet (4.5 meters).

Dangers of Trenching and Excavation
Cave-ins pose the greatest risk and are much more likely than other excavation-related accidents to result in worker fatalities. Other potential hazards include falls, falling loads, hazardous atmospheres, and incidents involving mobile equipment. Trench collapses cause dozens of fatalities and hundreds of injuries each year.

Protect Yourself
Do not enter an unprotected trench! Trenches 5 feet (1.5 meters) deep or greater require a protective system unless the excavation is made entirely in stable rock. Trenches 20 feet (6.1 meters) deep or greater require that the protective system be designed by a registered professional engineer or be based on tabulated data prepared and/or approved by a registered professional engineer.

Protective Systems
There are different types of protective systems. Sloping involves cutting back the trench wall at an angle inclined away from the excavation. Shoring requires installing aluminum hydraulic or other types of supports to prevent soil movement and cave-ins. Shielding protects workers by using trench boxes or other types of supports to prevent soil cave-ins. Designing a protective system can be complex because you must consider many factors: soil classification, depth of cut, water content of soil, changes due to weather or climate, surcharge loads (e.g., spoil, other materials to be used in the trench) and other operations in the vicinity.

Competent Person
OSHA standards require that trenches be inspected daily and as conditions change by a competent person prior to worker entry to ensure elimination of excavation hazards. A competent person is an individual who is capable of identifying existing and predictable hazards or working conditions that are hazardous, unsanitary, or dangerous to employees and who is authorized to take prompt corrective measures to eliminate or control these hazards and conditions.

Access and Egress
OSHA requires safe access and egress to all excavations, including ladders, steps, ramps, or other safe means of exit for employees working in trench excavations 4 feet (1.22 meters) or deeper. These devices must be located within 25 feet (7.6 meters) of all workers.

General Trenching and Excavation Rules
- Keep heavy equipment away from trench edges.
- Keep surcharge loads at least 2 feet (0.6 meters) from trench edges.
- Know where underground utilities are located.
- Test for low oxygen, hazardous fumes and toxic gases.
- Inspect trenches at the start of each shift.
- Inspect trenches following a rainstorm.
- Do not work under raised loads.

Additional Information
Visit OSHA's Safety and Health Topics web page on trenching and excavation at http://www.osha.gov/SLTC/trenchingexcavation/index.html

For more complete information:

OSHA
U.S. Department of Labor
www.osha.gov (800) 321-OSHA
OSHA 3267-099-05

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U.S. Department of Labor | Occupational Safety & Health Administration | 200 Constitution Ave., NW, Washington, DC 20210
Telephone: 800-321-OSHA (6742) | TTY: 877-889-5627
www.OSHA.gov

http://www.osha.gov/Publications/trench_excavation_fs.html

03/17/201
**Quotation Only:**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Stock #</th>
<th>Weight</th>
<th>PKG Price</th>
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<td>$110.00</td>
<td>NC</td>
</tr>
</tbody>
</table>

Freight $375.00 for 1st box / $175.00 each additional unit

TOTAL Fgt+Price: $8,853.00

NOTES:
- Dan, great to speak with you again. I'm glad to hear that the 4x5 worked well for you.
- I have adjusted the quote to show the 54" spreaders you requested.
- Please call with any questions Chris Allen 269-425-9884
- * = Reduced rate if demo box is purchased.

**Chris Allen**

269-425-9884
Dan Carpenter  
City of DePerc  
335 S. Broadway  
DePere, WI 54175

Dan,

Listed below is the quote you requested. If you have any questions or need additional information please let me know.

<p>| | | |</p>
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<tr>
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<tbody>
<tr>
<td>(1)</td>
<td>A4-5</td>
<td>4' X 5' Aluminum Box</td>
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<tr>
<td>(1)</td>
<td>A2-5</td>
<td>2' X 5' Aluminum Box</td>
</tr>
<tr>
<td>(1)</td>
<td>A-EP36</td>
<td>3' End Panel</td>
</tr>
<tr>
<td>(1)</td>
<td>A-EP48</td>
<td>4' End Panel</td>
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<td>(1)</td>
<td>A-EP60</td>
<td>5' End Panel</td>
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<td>A-SP30</td>
<td>30'' Spreaders</td>
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<td>(4)</td>
<td>A-SP54</td>
<td>54'' Spreaders</td>
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<tr>
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<td>Stacking Kit</td>
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<td>(1)</td>
<td>A-LK24</td>
<td>Leg Kit</td>
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<td>Lifting Harness</td>
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<tr>
<td></td>
<td>TOTAL</td>
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</table>
May 17, 2010

City of De Pere

We are pleased to quote as follows:

(1) 4 X 5 SHORING ASSEMBLY WITH 54" SPREADERS
     WEIGHT 180 LBS
     $3,330.00

(1) 2 X 5 SHORING ASSEMBLY WITH 54" SPREADERS
     WEIGHT 126 LBS
     $2,260.00

(2) 54" END PANELS
     WEIGHT 54 LBS
     1,400.00 EACH
     TOTAL 2,800.00

(1) STACKING KIT
     4 LBS
     $88.00

(1) LEG KIT
     28 LBS
     $180.00

(1) LIFTING SHACK
     FREIGHT
     $150.00

     TOTAL
     $9,198.00

Thank You,
John C. Jenkins
J & B Tool, Inc.
770-974-1330
City of De Pere
Public Works Department

Memo

To: Honorable Mayor Walsh  
    Members of the Board of Public Works

From: Scott J. Thoresen, Director of Public Works S.J.T.

Date: June 2, 2010

Subject: Terrace Tree Impacts to Sidewalk

The City has an annual sidewalk inspection program where the sidewalk is inspected for being defective and repairs are ordered out to the adjacent property owners. The sidewalk repair and replacement program is broken out so that 1/8 of the City is done each year. (See attached sheet)

One impact to sidewalk are trees that are adjacent to sidewalk especially the terrace trees. I have attached a summary of the past six (6) years of sidewalks that needed repairs due to terrace trees. The tree impacts range from 14 in 2008 up to 64 in 2007. Repairs to damage sidewalk caused by terrace trees are normally remove and replace existing sidewalk or by mud jacking the existing sidewalk. Staff has experience that approximately 1/3 of these repairs can be done with mud jacking and the other 2/3 need to be removed and replaced. Staff has also experienced that normally 70% of the repairs done adjacent to trees will still be adequate 8 years later when the City inspects the sidewalk again. The average costs for mud jacking is $60 per tree impact and the costs for removal and replacement of the sidewalk is $240 per tree impact. These costs are based on the City’s contractor performing the work.

Staff has recently discussed this issue in great length due to the fact more and more residents are requesting that the terrace trees be removed because they do not want to have to fix the sidewalk and have the trees cause damage again. Staff feels very strongly that the terrace trees are a huge benefit (see attached information pertaining to the value and importance of trees) to the community and adjacent property owner and should not be removed because of damage to the sidewalk. Since the terrace trees are owned by the City staff and the City requires sidewalk, staff is recommending a policy where if the sidewalk adjacent to a terrace tree needs to be repaired that the City would pay for such repairs. This would mean the City would have to budget additional monies every year to implement this policy. Staff estimates this would cost the City approximately $6,000 additionally every year. If the BOPW approved this policy and wanted to implement this policy starting this year then additional monies would have to be bonded for in 2010.

It is recommended that the BOPW adopt a sidewalk repair policy where the City would pay for all costs to repair sidewalks damage by terrace trees. The City would budget monies annually for these repairs. The policy should be implemented in 2010 and additional monies would be bonded for in 2010 to cover these costs.
### SIDEWALK REPAIR AND REPLACEMENT PROGRAM

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<thead>
<tr>
<th>YEAR</th>
<th>DESCRIPTION OF AREA</th>
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<tbody>
<tr>
<td>2009</td>
<td>West side of Fox River, west of RR tracks, north of Grant Street</td>
</tr>
<tr>
<td>2010</td>
<td>West side of Fox River, west of RR tracks, Grant to Scheuring</td>
</tr>
<tr>
<td>2011</td>
<td>East side of Fox River, north of Charles, west of Webster</td>
</tr>
<tr>
<td>2012</td>
<td>East side of Fox River, north of Charles, east of Webster</td>
</tr>
<tr>
<td>2013</td>
<td>West side of Fox River, east of RR tracks, north of Scheuring</td>
</tr>
<tr>
<td>2014</td>
<td>West side of Fox River, south of Scheuring Road</td>
</tr>
<tr>
<td>2015</td>
<td>East side of Fox River, south of Charles Street, west of Jordan/Ontario</td>
</tr>
<tr>
<td>2016</td>
<td>East side of Fox River, south of Charles, east of Jordan/Ontario</td>
</tr>
</tbody>
</table>

### GUIDELINES

#### DEFECTIVE SIDEWALK AND ACCEPTABLE REPAIRS

<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>DEFECT</th>
<th>REPAIRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical Displacement</td>
<td>3/4&quot; high or greater for 12&quot; of joint</td>
<td>---Replace</td>
</tr>
<tr>
<td></td>
<td></td>
<td>---Mudjack</td>
</tr>
<tr>
<td>Horizontal Displacement</td>
<td>Greater than 1/2&quot; for crack 3' or longer</td>
<td>---Replace</td>
</tr>
<tr>
<td></td>
<td></td>
<td>---Level crack may be cleaned and filled with concrete epoxy</td>
</tr>
<tr>
<td>Profile Variance</td>
<td>Over 4&quot; per slab</td>
<td>---Replace</td>
</tr>
<tr>
<td></td>
<td></td>
<td>---Mudjack</td>
</tr>
<tr>
<td>Inverse Slope</td>
<td>Trapped water</td>
<td>---Replace</td>
</tr>
<tr>
<td></td>
<td></td>
<td>---Mudjack</td>
</tr>
<tr>
<td>Surface Imperfections</td>
<td>---50% or more of slab spalled</td>
<td>---Replace</td>
</tr>
<tr>
<td></td>
<td>---Missing piece 3&quot;x3&quot; or greater</td>
<td>---Missing piece up to 12&quot; x</td>
</tr>
<tr>
<td></td>
<td>---Over 10' of cracks per slab</td>
<td>12&quot; may be cleaned and filled with concrete epoxy</td>
</tr>
</tbody>
</table>
## TREE / ADDRESS RATIO

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TREES</th>
<th># ADDRESS'</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>31</td>
<td>700</td>
<td>west side of Fox River ; west of tracks Grant St to Scheuring Rd</td>
</tr>
<tr>
<td>2009</td>
<td>16</td>
<td>220</td>
<td>west side of Fox River ; west of tracks Grant St to north end</td>
</tr>
<tr>
<td>2008</td>
<td>14</td>
<td>210</td>
<td>east side of Fox River ; south of Charles St east of Jordan Rd / Ontario</td>
</tr>
<tr>
<td>2007</td>
<td>64</td>
<td>522</td>
<td>east side of Fox River ; south of Charles St west of Jordan Rd / Ontario</td>
</tr>
<tr>
<td>2006</td>
<td>20</td>
<td>153</td>
<td>west side of Fox River ; south of Scheuring Rd.</td>
</tr>
<tr>
<td>2005</td>
<td>45</td>
<td>200</td>
<td>west side of Fox River ; east of tracks north of Scheuring Rd</td>
</tr>
</tbody>
</table>
Why save trees?

Trees clean the air. Tree foliage works as a natural air filter of particulate matter such as dust, micro-sized metals and pollutants such as ozone, nitrogen oxides, lead, and sulfur dioxides. Trees take in carbon dioxide and produce oxygen. Combined with the cooling effect of trees, these processes can have a significant impact on reducing smog and overall air pollution.

Trees improve water quality. A healthy urban forest can have a strong influence on our region’s water quality. Tree canopies and root systems slow and reduce storm water runoff, flooding and erosion. Trees also help filter water runoff reducing potential sources of water pollution into our rivers and storm drains.

Trees save energy. Trees cool the air naturally in two ways: through water evaporating from the leaves and direct shade. Homes shaded by trees need less energy for cooling which means lower monthly utility bills in summer and a reduced need for utilities to increase power generation to meet peak load demand.

Trees raise real estate value. Shaded neighborhoods and well-landscaped yards have a positive economic influence on real estate values, timeliness of house sales and neighborhood desirability. Studies report that landscaping speeds the sale of a home by four to six weeks.

From: www.sactree.com

Trees are good for business. A series of studies has investigated associations between the urban forest and people’s response to shopping settings. Scientific results suggest that having trees in the business district streetscape is an important investment for a business community. The presence of a quality urban forest positively influences shoppers' perceptions, and probably, their behavior.


Trees help stop inner city violence. A scientific study by the Human-Environment Research Lab has demonstrated that contact with nature may actually help reduce the incidence of aggression and violence in inner-city neighborhoods. According to this study, levels of aggression were significantly lower among people who had some kind of nature outside of their apartments versus those who didn’t. The impact of the physical environment on human aggression has been well-established - crowding, high temperatures, and noise have all been linked to violent behavior. Some scientists believe that it’s because people living under these conditions suffer from something called “urban stress” which can make...
something called chronic mental fatigue, which can make them inattentive, irritable, and impulsive - all of which can be linked to aggressive behavior. Exposure to green spaces, it has been shown, can mitigate the harmful effects of chronic mental fatigue, reducing aggressive behavior in the process.

From: http://www.sactree.com/ruff/urff96/RUFRHome.html

What is “the urban forest”?

Trees that grow in cities and towns are called “the urban forest”. Trees are major capital assets in cities across the United States. Just as streets, sidewalks, public buildings and recreational facilities are a part of a community’s infrastructure, so are publicly owned trees. Trees -- and, collectively, the urban forest -- are important assets that require care and maintenance the same as other public property. Trees are on the job 24 hours every day working for all of us to improve our environment and quality of life. Life is hard for these trees because of limited space, water, nutrients and extensive pavement covering the soil all around them. Many trees get cut down because their roots crack the pavement as they seek water and nutrients. The urban forest (and its many benefits) will disappear unless people stand up for these trees and work to plant, maintain and steward them. Conscious urban forestry needs to become integrated into the agenda of all city governments and city planners.

What is the value of a tree?

A tree can return up to $2.70 for each $1 on community investment...that's a 270% return (based on a 40 year average life span according to Center for Urban Forest Research, Pacific Southwest Research Station, U.S. Forest Service, Davis, CA)

- Four trees planted around a home can save up to 30% on summer cooling costs.
- One million trees save $10 million a year in energy costs.
- Forty trees remove 80 pounds of air pollutants annually.
- Four million trees can save $20 million in air pollution clean up.
- Four hundred trees capture 140,000 gallons of rainwater annually.
- Four million trees save $14 million dollars in annual storm water runoff costs.
- Trees in commercial parking lots induce shoppers to spend 11% more for goods and services.

From: www.sactree.com

- Shade from trees could save up to $175 per year (per structure) in air conditioning costs.
  -Dr. Lowell Ponte
- Trees can boost the market value of your home by an average of 6 or 7 percent. -Dr. Lowell Ponte

http://www.rubbersidewalks.com/whysavetrees.asp
Healthy, mature trees add an average of 10 percent to a property's value. -USDA Forest Service

Landscaping, especially with trees, can increase property values as much as 20 percent. -Management Information Services/ICMA

The net cooling effect of a young, healthy tree is equivalent to ten room-size air conditioners operating 20 hours a day. -U.S. Department of Agriculture

Nationally, the 60 million street trees have an average value of $525 per tree. -Management Information Services

From: http://www.treelink.org

A tree, over a 50-year period, will generate $31,250 worth of oxygen, provide $62,000 worth of air pollution control, and recycle $37,500 worth of water.

From: http://www.arborday.org/trees/benefits.cfm

Case studies on trees and the bottom line

The primary purpose of a study Quantifying Benefits and Costs of Santa Monica’s Urban Forest was to find out if the accrued benefits from Santa Monica's urban forest justify an annual municipal budget that exceeds $1.5 million. Results indicate that the benefits residents obtain from Santa Monica's urban forest exceed management costs by nearly $1 million. Santa Monica has invested millions of dollars in its municipal forest, and citizens are now receiving a relatively large return on that investment, such as increased property values, enhanced scenic beauty, air pollutant uptake, cooling and heating savings, lower summertime temperatures, and reduced stormwater retention.

A study of urban forests in Modesto, CA shows that for each $1 invested in urban forest management, $1.89 in benefits is returned to residents. City trees actually remove 154 tons of air pollutants, increase property values by over $1.5 million, and provide shade that saves over $1 million. This information convinced city officials to increase the tree budget and an electric utility company to invest $20,000 in developing the Modesto Tree Foundation.

http://cufr.ucdavis.edu/

Interesting Facts

In Milwaukee, where urban trees cover about 16 per cent of the city, trees reduce stormwater flows by 22 per cent. The city saves an estimated $15.4 million by avoiding the construction of additional retention capacity. In Austin, heavy rains make stormwater management a priority issue. Austin's tree canopy, almost twice that of Milwaukee's at approximately 30 per cent, reduced stormwater flow by 28 per cent, providing the city with an estimated $122 million in savings (MacDonald, 1996).

Several investigators have documented dramatic (30 - 50%) differences in cooling-energy use between houses on landscaped and un-landscaped sites (Akbari, 2002).
Hurricane Hugo devastated Charleston, South Carolina, in 1989. Little was spared: homes, churches, power lines, and the urban forest were all heavily damaged or destroyed. 200 residents were asked to identify the single most special physical feature of Charleston damaged or destroyed by Hugo. People identified the urban forest more often than any other aspect of Charleston (i.e. more than churches, historic buildings or homes) (Vigo, 1990).

Computer simulations using standard building and tree configurations for cities across the U.S. indicate that shade from a single well-placed, mature tree (about 25-ft crown diameter) reduces annual air conditioning use 2 to 8 percent and peak cooling demand 2 to 10 percent (Simpson and McPherson, 1996).

A major study of Chicago estimated that trees in that city annually removed 15 metric tons of carbon monoxide, 84 tons of sulfur dioxide, 89 tons of nitrogen dioxide, 191 tons of ozone, and 212 tons of small particulates. The estimated value of this pollution removal was $1 million for trees in the city itself and $9.2 million for the entire Chicago area (Nowak, 1994).

The ambient air temperature difference between an urban heat island and a vegetated area can be as much as 2-10 degrees F. The temperature measured directly above man-made surfaces can be as much as 25 degrees F hotter than the air temperature beneath a forested area (Akbari et. al., 1992; Simpson and McPherson, 1996).

Using the city of Davis, California as a model, existing data on the benefits and costs of municipal trees were applied to the results of a sample inventory of the city's public and private street trees. Results indicate that Davis maintained nearly 24,000 public street trees that provided $1.2 million in net annual environmental and property value benefits, with a benefit-cost ratio of 3.8:1 (Maco and McPherson, 2003).

From: http://www.treelink.org

One acre of forest absorbs six tons of carbon dioxide and puts out four tons of oxygen. This is enough to meet the annual needs of 18 people. -U.S. Department of Agriculture

There are about 60-to 200- million spaces along our city streets where trees could be planted. This translates to the potential to absorb 33 million more tons of CO2 every year, and saving $4 billion in energy costs. -National Wildlife Federation

Trees properly placed around buildings can reduce air conditioning needs by 30 percent and can save 20 - 50 percent in energy used for heating. -USDA Forest Service

Trees can be a stimulus to economic development, attracting new business and tourism. Commercial retail areas are more attractive to shoppers, apartments rent more quickly, tenants stay longer, and space in a wooded setting is more valuable to sell or rent. -The National Arbor Day Foundation

http://www.rubbersidewalks.com/whysavetrees.asp
The planting of trees means improved water quality, resulting in less runoff and erosion. This allows more recharging of the ground water supply. Wooded areas help prevent the transport of sediment and chemicals into streams. -USDA Forest Service

In laboratory research, visual exposure to settings with trees has produced significant recovery from stress within five minutes, as indicated by changes in blood pressure and muscle tension. -Dr. Roger S. Ulrich Texas A&M University

A tree can grow to manufacture five pounds of pure oxygen per day, consume carbon dioxide to fight the "greenhouse effect" that threatens our survival, and provide the cooling equivalent of ten room-size air conditioning units.

From: http://www.arborday.org/trees/benefits.cfm

LINKS

TreeLink: The Urban Forestry Resource - http://www.treelink.org/
A fabulous source for information and networking about urban trees that offers a search engine to find specific information from over 2000 resources. It has a fun format with changing tree factoids, tree care tips, a tutorial on applying for grants and a Kid's Corner.

TreeLink New York - http://www.treelink.org/linx/?navLocationRef=33

Center for Urban Forest Research, Pacific Southwest Research Station, UC Davis - http://cufr.ucdavis.edu
This is the most comprehensive and well-researched web resource. It offers helpful online presentations, Powerpoint presentations and handbooks designed to persuade local elected leaders to value the urban forest. The Center is in the process of developing easy-to-use computer programs to help communities assess the benefits of street trees and help homeowners evaluate the economic trade-offs of different landscape choices.

Sacramento Tree Foundation - http://www.sactree.com

University of Washington, College of Forest Resources, Research Programs - http://www.cfr.washington.edu/research.envmind/
Lots of hard facts about the financial and social benefits of trees in cities from research projects by Kathleen L. Wolf, Ph.D. This is a good source of ammunition for convincing skeptics who will only look at the bottom line.

News and information specifically for the five boroughs and surrounding region.
Virginia State University, Virginia Cooperative Extension -
Specific detailed information about landscaping with trees for parking lots and paved areas.

The National Arbor Day Foundation -
http://www.arborday.org/There you can find everything you ever wanted to know about specific trees. Site includes online tree identification guides, great graphic presentations about the benefits of trees, a store for purchasing climate/region specific trees and information about the Tree City USA program. You can even get 10 free trees by joining the National Arbor Day Foundation.

Society of Municipal Arborists - http://www.urban-forestry.com/
Browse the online issues of City Trees magazine and check out the helpful list of links.

Colorado Tree Coalition -
http://www.coloradotrees.org/benefits.htm
Offers detailed articles on benefits of trees.

Article on "Do urban trees really help reduce pollution and clean air?", Tuesday, August 31, 2004

American Forests.org - http://www.americanforests.org/
To add your tree-related link to this page, please email us at Rubbersidewalks@aol.com.

All photos on this page were provided by
Walter Warriner
Consulting Arborist

http://www.rubbersidewalks.com/whysavetrees.asp
What are trees worth?

The value of tree benefits varies widely, but can be as much as $80 to $120 per tree per year for a large tree. Small trees that never get very large, like the crape myrtle, provide not much more than $15 in benefits on average. In some cases they are a net loss to communities after the costs are subtracted. The Center for Urban Forest Research has studied large, medium, and small trees in a number of locations throughout the West and found that, on average, mature large trees deliver an annual net benefit two to six times greater than mature small trees:

**Mature tree size**
The approximate tree size 40 years after planting:

**Relative Size at Maturity:**
- **Small-stature**
  More than 25 feet tall and wide with trunk diameters less than 20 inches.
- **Medium-stature**
  25 – 40 feet tall and wide with trunk diameters 20 - 30 inches.
- **Large-stature**
  Greater than 40 feet tall and wide with trunk diameters commonly over 30 inches.

**Large Tree**
- Total benefits/year = $55
- Total costs/year = $18
- Net benefits/year = $37
- Life expectancy = 120 years
- Lifetime benefits = $6,600
- Lifetime costs = $2,160
- Value to community = $4,440

**Medium Tree**
- Total benefits/year = $33
- Total costs/year = $17
- Net benefits/year = $16
- Life expectancy = 60 years
- Lifetime benefits = $1,980
- Lifetime costs = $1,020
- Value to community = $960

**Small Tree**
- Total benefits/year = $23
- Total costs/year = $14
- Net benefits/year = $9
- Life expectancy = 30 years
- Lifetime benefits = $690
- Lifetime costs = $490
- Value to community = $200

Studies prove that trees have a positive effect on many aspects of people's lives, including their health, homes, businesses, communities, drinking water, and air quality.

Economic Contributions
- Research shows that shoppers in well-landscaped business districts are willing to pay more for parking and up to 12% more for goods and services.1
- Landscaping, especially with trees, can significantly increase property values. Here is one example: A value of 9% ($15,000) was determined in a U.S. Tax Court case for the loss of a large black oak on a property valued at $164,500.1
- Trees reduce runoff and erosion from storm by about 75% and make the need for erosion control structures. In urban areas, with trees, the use of smaller drainage can save cities on materials, installation and maintenance.2
- Desk workers with and without views of nature were surveyed. Those without views of nature when asked about 11 different ailments, claimed 23% more incidence of illness in the prior 6 months.3
- Amenity and comfort ratings were about 85% higher for a tree-lined sidewalk compared with the sidewalk for each street. Quality of products ratings were 30% higher in districts having trees over those with barren sidewalks.4
- In the United States over 200 million cubic yards of urban tree and landscape residue are generated each year. Of the 500 million cubic yards of urban tree and landscape residue, 15% is classified as "unchipped logs," if these logs were sawed into boards, they theoretically would produce 3.6 billion board feet of lumber, or nearly 30% of the hardwood lumber produced annually in the United States.5

Energy Savings
- The net cooling effect of a young, healthy tree is equivalent to 10 room-size air conditioners operating 20 hours a day.6
- Trees properly placed around buildings as windbreaks can save up to 25% on winter heating costs.7
- A tree or three trees properly positioned can save the average household between $100 and $250 annually in energy costs.8
- Fifty million shade trees planted in strategic, energy-saving locations could eliminate the need for seven 100-megawatt power plants.9
- Shade from two large trees on the west side of a house and one on the east side can save up to 30% of a typical residence's annual air conditioning costs.10
- An annual benefit provided by parking lot trees in Sacramento (California) ($1.91 tree shade) were valued at approximately $700,000 for improved air quality. By increasing shade to 50% in all parking lots in Sacramento, the annual benefit will increase to $4 million.11
- Trees reduce the wind speed by up to about 30% and reduce wind reductions increasing in proportion to wind velocity. Because even a single row of dense conifers can cause large reductions in wind speed, effective windbreaks can be planted on relatively small house lots. Compared with an open area, a good windbreak that does not shade the house will save about 15% of the heating energy.12

Environmental Contributions
- Modest increases of 10% canopy cover in the New York City area were shown to reduce peak ozone levels by up to 4 parts per billion, a nearly 3% of the maximum and 37% of the area exceeded its air quality standard. Similar results were found in Los Angeles and along the East Coast from Baltimore to Boston.13
- Leafy tree canopies catch precipitation before it reaches the ground, reducing some of it to gently drip and the rest to evaporation. This lessens the force of storms and reduces runoff and erosion. Research indicates that 100 mature tree crowns intercept about 100,000 gallons of rainfall per year, reducing runoff and providing cleaner water.14
- Trees reduce noise pollution by absorbing sounds. A belt of trees 9 feet wide and 49 feet tall can reduce highway noise by 6 to 10 decibels.15
- Trees in Davis, California, concentrate pollutants reduced asphalt temperatures by as much as 38 degrees Fahrenheit, and car interior temperatures by over 47 degrees Fahrenheit.16
- Philadelphia's 2.1 million trees currently store approximately 451,000 metric tons of carbon with an estimated value of $2 billion.17
- A typical community forest of 10,000 trees will retain approximately 10 million gallons of rainwater per year.18

Social Contributions
- Views of nature reduce the stress response of both body and mind when stressors of urban conditions are present.19
- Trees and out-of-door recreation areas are estimated to improve outdoor leisure and recreation experiences in the United States by $2 billion per year.20
- Trees reduce crime. Apartment buildings with high levels of greenery had 52% fewer crimes than those with very few trees. Buildings with medium amounts of greenery had 42% fewer crimes.21
- Hospital patients recovering from surgery who had a view of a grove of trees through their windows required fewer pain relievers, experienced fewer complications, and left the hospital sooner than similar patients who had a view of a brick wall.22
- Americans travel about 2.3 billion miles per day on urban freeways and highways. Studies show drivers exposed to roadside nature scenes had a greater ability to cope with driving stress.23
- Symptoms of Attention Deficit Hyperactivity Disorder (ADHD) in children are relieved after contact with nature. Specifically, ADHD kids are 47% less agitated and 25% less impulsive.24
- Trees help kids succeed. On average, the greener a child’s view from home, the better the child can concentrate and better her self-discipline, enabling her to make more thoughtful choices and do better in school.25
- Trees and forests in urban areas convey serenity and beauty along a number of sensory dimensions, often surrounding the individual with nature in an environment.

References
City of De Pere
Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works

From: Scott J. Thoresen, Director of Public Works  S. J. T.

Date: June 2, 2010

Subject: Discussion of Claude Allouez Bridge Roundabout

At the May 18, 2010 Council meeting it was requested that staff contact the Wisconsin Department of Transportation (DOT) regarding the Claude Allouez Bridge roundabout. See attached email. It appears the DOT would like to defer discussions of the roundabout until after the STH 172 project is completed.
Hi Scott,

Our office is willing to work with the city to determine if improvements can be made to the Claude Allouez Avenue roundabout. We would like to defer discussions until after the highway 172 project is complete in July. At that time the Ashland Avenue project will also be finished and traffic patterns in the city should return back to normal within a short period of time.

I can understand the frustrations of the elected officials who are taking calls from the citizens of De Pere. There are several projects that are impacting traffic patterns in the city, and in the fall the Scheuring Road interchange will also have an impact on west side of the city.

Please call if you would like to discuss further.

Mike Berg  
Director NE Region  
WisDOT

Good Afternoon Mike!

We continue to experience traffic backups on our Claude Allouez roundabout. At our last City Council meeting some of the elected officials again asked what could be done to improve the traffic flow. I would like to invite the DOT to come to our next Board of Public Works meeting to discuss our roundabout and whether anything can be done to improve the traffic flow. Our next meeting is scheduled for June 7th at 7:30 pm in the Council Chambers.

Please advise as to whether the DOT can make this meeting.

Thanks,

Scott

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

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

06/02/2010
City of De Pere
Public Works Department

Memo

To: Honorable Mayor Walsh
   Members of the Board of Public Works
From: Scott J. Thoresen, Director of Public Works  S. J. T.
Date: June 2, 2010
Subject: Tour of Tri-County Single Stream Recycling Facility

Staff is arranging a tour on June 25, 2010 of the new Tri-County Single Stream Recycling facility located in Appleton. Staff would like to know if there is any interest from any of the BOPW in attending this tour.
The brand new Tri-County Single-Stream Recycling (TCSSR) facility, located in Appleton, Wisconsin, is a byproduct of the newly-combined recycling programs of Brown, Outagamie and Winnebago counties. The largest public-sector single-stream MRF in the Badger State and one of the largest publicly owned and operated single-stream plants in the U.S., the TCSSR presently serves some 60 communities (over 200,000 households) within the three counties, handling both residential and commercial recyclables.

"We have brought a new era of recycling to Wisconsin," says Philip Stecker, Outagamie County’s director of solid waste. "This facility allows us to serve some 500,000 residents in Northeastern Wisconsin; that’s 10 percent of the state’s total population."

Operated by Outagamie County, the $9.9 million regional facility includes a state-of-the-art single-stream processing system designed, engineered, manufactured and installed by Bulk Handling Systems. Outfitted with the latest in screening, optical and air-separation technologies, the system was created by BHS to process an average of 25 tons per hour, all while generating minimal residual material.

According to company representatives, the single-stream system employs the use of integrated processes that emphasize mechanization, and the extraction of recoverable materials, all on the first pass. As a result, this technology allows the TCSSR to experience a high-value material capture rate of nearly 100 percent, and produce an end-product with extremely low residue values (projected to be less than three percent). In addition to including a large old corrugated cardboard separator and steel disc debris roll screen, in order to remove virtually all glass at the front end (currently, glass content is approximately 25 percent of the overall material flow), the processing system also includes a unique filtration system that provides a cleaner, dust-free working environment for the plant’s 20 total employees.

The system’s main sorting stations include presort, paper post-sort and container sort, with three other smaller sorting stations located...
City of De Pere  
Public Works Department  

Memo

To: Honorable Mayor Walsh  
Members of the Board of Public Works
From: Scott J. Thoresen, Director of Public Works  
Date: June 2, 2010  
Subject: Discussion of Special Assessment Payment Plan

It was requested by Council to have the BOPW discuss special assessments in regards to length of time property owners have to pay for the special assessment. If the Council determines to levy special assessments under section 13-7(4), the terms of the assessment, including repayment requirements are set out in the assessment resolution. In previous assessments the repayment term typically has been three (3) to five (5) years. There is no ordinance defining the repayment term. The final payment term are defined in the assessment resolutions that are approved by Council.
City of De Pere
Public Works Department

To: Honorable Mayor Walsh
Members of the Board of Public Works
From: Scott J. Thoresen, Director of Public Works
Date: June 2, 2010
Subject: Water Tower & Reservoir Inspections

The City is required by Wisconsin Statutes NR 811.08(5) to inspect their water storage facilities every five (5) years. The following towers or reservoirs are required to be inspected in 2010:

- 9th Street Reservoir (last inspected 2005)
- 9th Street Tower (last inspected 2005)
- Merrill Street Reservoir (last inspected 2005)
- Scheuring Road Reservoir (last inspected 2005)

Staff has received the following quotes for performing the above inspections:

- Utility Service Company Inc. = $4,600.00
- Lane Tank Company Inc. = $9,200.00
- Dixon Engineering, Inc. = $9,305.00

Staff has recommends approving the quote from Utility Service Company Inc. in the amount of $4,600.00. The 2010 water utility budget has $20,000 allocated for water tower and reservoir inspections.
Proposal From:

Utility Service Co.
INCORPORATED

www.utilitieservice.com

Date: April 7, 2010

Proposal Submitted to
City of De Pere

Address
925 S. 6th St.

City
De Pere

State
WI

Zip Code
54115-1199

Job Name
Washout / Disinfection

Job Location
315 N. 9th St.

County
Brown

Tank Name
5th St Elevate Tank

Tank Size & Style
250KG Elevated

Est. Start Date
Upon Approval

Submitted by
Michael C. Olesen

Utility Service Co., Inc. agrees to provide all labor, equipment, and materials needed to complete the following:

1. A date shall be coordinated by both parties for the Owner to drain the tank.
2. The interior floor and lower walls of the tank will be cleaned using a pressure washer to remove all mud, silt, and foreign sediment. The tank is not to be rigged to pressure wash the upper walls, and roof unless specified by this agreement. This cleaning will not completely remove all staining or any Bio-film that may be present.
3. The tank will be inspected to assess the sanitary, safety, structural, security and coatings conditions.
4. Exterior and interior paint samples will be taken and the samples will be analyzed at a certified laboratory to determine the total lead and chromium content of the existing coatings. The laboratory test results will be included in the inspection report.
5. After all inspection work is completed, the tank will be disinfected in accordance with AWWA C652.
6. The tank will be sealed and made ready for service.
7. A comprehensive written report with color digital photographs will be submitted detailing the condition of the tank. A representative of Utility Service Co., Inc. will schedule a date with the Owner to present the report and findings.
8. This price does not include containment, testing, or off site disposal of sediment or debris from the tank.
9. The above pricing is contingent on accessibility of the site and the ability of USCI to perform tasks required unobstructed, and to complete the task in one full work day. ($1,150.00 for each additional day)
10. See attached detail scope of work letter.

Please sign and date this proposal and return one copy to our office.

One Thousand One Hundred Fifty Dollars ——— $1,150.00

Payment to be made as follows:

Payment in Full Upon Completion of Work — plus all applicable taxes

All material is guaranteed to be as specified. All work to be completed in a substantial workmanlike manner according to specifications submitted, per standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements, contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen’s Compensation Insurance.

Authorized Michael C. Olesen
Signature

Note: This proposal may be withdrawn by us if not accepted within Sixty (60) days

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance

Signature
May 13, 2010

Scott J. Thoresen P.E. DPW
Dan Carpenter Water Dept. Foreperson

This is in response to your concerns whether USCI will perform the same scope of work as Dixon.

YES, USCI does very similar tank assessments, and we will include all of what is listed in Dixon's scope of work.

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I hope this answers all of your concerns and questions. Please feel free to contact me any time at 1-920-988-3431 (cell) or Sheldon Shelton Upper-Midwest V.P., at 1-478-737-9266.

Thank you for the opportunity to propose and explain our scope of work.

Michael C. Olesen

1-920-988-3431 (cell)
1-920-206-9180 (office)
Proposal From:

Utility Service Co.
INcorporated

1201 H Richards Ave.
Wauwatosa, WI 53204
1-920-988-3431 Cell
1-920-227-1970 Fax

FAX SIGNED COPY TO:
478-987-2991

Date April 7, 2010

Proposal Submitted to
City of De Pere
Address
925 S. 6th St.
City
De Pere
State
WI
Zip Code
54115-1199

Attn
Dan Carpenter
Job Name
Washout / Disinfection
Job Location
Merrill St.
County
Brown

Tank Name
Merrill St. Tank
Size
250KG In-Ground Concrete

Est. Start Date
Upon Approval
Submitted by
Michael C. Olesen

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1. A date shall be coordinated by both parties for the Owner to drain the tank.
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3. The tank will be inspected to assess the sanitary, safety, structural, security and coatings conditions.
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8. This price does not include containment, testing, or off site disposal of sediment or debris from the tank.
9. The above pricing is contingent on accessibility of the site and the ability of USCI to perform tasks required unobstructed, and to complete the task in one full work day. ($1,150.00 for each additional day)
10. See attached detail scope of work letter.

Please sign and date this proposal and return one copy to our office.

One Thousand One Hundred Fifty Dollars --------------------- 00/100 dollars ( $1,150.00 )

Payment to be made as follows:
Payment in Full Upon Completion of Work – plus all applicable taxes

All materials guaranteed to be as specified. All work to be completed in a substantial workmanlike manner according to specifications submitted, per standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workers' Compensation Insurance.

Authorized Michael C. Olesen
Signature

Note: This proposal may be withdrawn by us if not accepted within Sixty (60) days

Acceptance of Proposal – The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance ____________________________
Signature ____________________________
May 13, 2010

Scott J. Thoresen P.E. DPW
Dan Carpenter Water Dept. Foreperson

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1-920-988-3431 (cell)

1-920-206-9180 (office)
Utility Service Co. INCORPORATED

1201 H Richards Ave.
Wauwatosa, WI 53094
1-920-988-3431 Cell
1-920-227-1970 Fax

Fax Signed Copy To:
478-987-2991

Proposal From:

Date: April 7, 2010
Proposal Submitted to: City of De Pere
Attn: Dan Carpenter
Address: 925 S. 6th St.
City: De Pere
State: WI
Zip Code: 54115-1199
Job Name: Washout / Disinfection
Job Location: 315 N. 9th St.
County: Brown
Tank Name: 9th St Ground Tank
Tank Size & Style: 250KG In-Ground Concrete

Estimated Start Date: Upon Approval
Submitted by: Michael C. Olesen

Utility Service Co., Inc. agrees to provide all labor, equipment, and materials needed to complete the following:

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Please sign and date this proposal and return one copy to our office.

One Thousand One Hundred Fifty Dollars $1,150.00
00/100 dollars

Payment to be made as follows:

Payment in Full Upon Completion of Work – plus all applicable taxes

Authorized Michael C. Olesen
Signature

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Dan Carpenter Water Dept. Foreperson

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1-920-206-9180 (office)
Proposal From:

Utility Service Co.
INCORPORATED

1201 H Richards Ave.
Wauwatosa, WI 53104
1-920-988-3431 Cell
1-920-227-1970 Fax

www'utiliservice.com

Date: April 7, 2010
Proposal Submitted to:
City of De Pere

Address:
925 S. 6th St.

Attn:
Dan Carpenter

Phone:
1-920-639-1002 Cell

Job Name:
Washout / Disinfection

Job Location:
1304 Scheuring Road

County:
Brown

City:
De Pere

State:
WI

Zip Code:
54115-1199

Tank Name:
Scheuring Road Tank

Tank Size & Style:
250KG Above Ground
Concrete GST

Est. Start Date:
Upon Approval

Submitted by:
Michael C. Olesen

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Authorized by: Michael C. Olesen
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Dan Carpenter Water Dept. Foreperson

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Thank you for the opportunity to propose and explain our scope of work.

Michael C. Olesen

1-920-988-3431 (cell)

1-920-206-9180 (office)
From: Dan Carpenter  
Sent: Wednesday, April 28, 2010 4:18 PM  
To: Scott Thoresen  
Subject: FW: Tank Inspection/Clean Out

Scott here is the information you were looking for, we will discuss it when you get back on Monday have a nice Weekend.

Dan

From: Mike Olesen [mailto:molesen@utilityservice.com]  
Sent: Wednesday, April 28, 2010 3:00 PM  
To: Dan Carpenter  
Subject: RE: Tank Inspection/Clean Out

Dan,

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5/03/2010
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Mike Olesen

I-920-988-3431 (cell)
I-920-206-9180 (office)

-----Original Message-----

From: dppubwrks@mail.de-pere.org [mailto:dppubwrks@mail.de-pere.org]

Sent: Monday, April 26, 2010 12:29 PM

To: Mike Olesen

Subject: Scan from a Xerox WorkCentre Pro

Please open the attached document. It was scanned and sent to you using a Xerox WorkCentre Pro.

Sent by: Guest [dppubwrks@mail.de-pere.org] Number of Images: 3 Attachment File Type: PDF

WorkCentre Pro Location: machine location not set Device Name: XEROX45

for more information on Xerox products and solutions, please visit http://www.xerox.com

5/03/2010
Hi Mike

I didn't receive the proposal yet maybe the e-mail address wasn't correct. Hope to hear from you soon.

Thanks

Dan

Dan Carpenter
Water Dept Foreperson
920-339-4072 x2221 (P)
920-339-4071 (F)
April 1, 2010

CITY OF DE PERE
Dan Carpenter, Water Dept. Foreperson
925 South Sixth Street
De Pere, WI 54115-1199

RE: 250K 9th Street Elevated Tank
     250K 9th Street Underground Reservoir
     250K Merrill St. Underground Reservoir
     250K Scheuring Rd. Above Ground Reservoir

Dear Dan:

As per our telephone conversation here are the original copies of the proposals that were faxed. Again, if there are any questions, please call. Thank you.

Sincerely,

LANE TANK CO., INC.

[Signature]
Pat Litzkow
Corporate Secretary

Encl.’s
**Proposal**

Water Tanks & Towers • Inspections • Painting • Ladder Safety Devices

**LANE TANK CO., INC.**

2367 Fern Lane  Mosinee, WI  54455  
Phone: 715-693-4667

<table>
<thead>
<tr>
<th>PROPOSAL SUBMITTED TO:</th>
<th>DATE: April 1, 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>CITY OF DE PERE</td>
<td>BUSINESS OFFICE:</td>
</tr>
<tr>
<td>Dan Carpenter, Water Dept.</td>
<td>P.O. Box 500, Menomonie, WI 54751</td>
</tr>
<tr>
<td>Foreperson</td>
<td>Phone: 715-235-3110</td>
</tr>
<tr>
<td>925 South Sixth Street</td>
<td>Fax: 715-235-5385</td>
</tr>
<tr>
<td>De Pere, WI  54115-1199</td>
<td>JOB NAME: 9th St. 250K Gallon Elevated and 250K Underground Water Storage Tanks</td>
</tr>
</tbody>
</table>

We hereby submit specifications and estimates for: Cleaning, inspecting and disinfecting the water storage tanks as follows:

If needed, the Contractor will provide additional relief valves. Upon draining, the tanks will be cleaned of sediment and debris. If necessary, the side walls will be power washed to remove any film build-up. The Contractor will inspect the exterior and interiors of the tanks and send DNR Inspection Reports including recommendations and, if feasible, pictures to the Utility.

The tanks will be disinfected according to AWWA Standard C652-02. The Utility will be responsible for taking two consecutive water samples taken 24 hours apart. If these bacteriological samples come back positive, the Contractor will be responsible for redisinfection of the tanks until safe samples are obtained.

This work will be done on the same day in Sept. or Oct. of 2010. If they cannot be done on the same day and an extra trip is incurred, mobilization costs will be added.

A certificate of insurance showing two million dollar umbrella coverage on all liabilities will be submitted before this work is started.

---

We hereby propose to furnish labor and materials — complete in accordance with the above specifications, for the sum of:

***Two Thousand Three Hundred per tank*** dollars ($2,300.00/tank) with payment to be made as follow

Plus $650.00 mobilization charges if a second trip is needed. Due and payable within thirty days of receipt of written reports.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen’s Compensation Insurance.

Authorized Signature  Mary Jane  Vice-President

LANE TANK CO., INC.

NOTE: This proposal may be withdrawn by us if not accepted within day

---

**Acceptance of Proposal**

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

(Please return signed white copy)

**Accepted:**

<table>
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(Customer Sign Here)
Proposal

Water Tanks & Towers • Inspections • Painting • Ladder Safety Devices

LANE TANK CO., INC.
2367 Fern Lane  Mosinee, WI 54455
Phone: 715-693-4667

PROPOSAL SUBMITTED TO:  DATE:  April 1, 2010

CITY OF DE PERE  BUSINESS OFFICE:
P.O. Box 500, Menomonie, WI 54751
Phone: 715-235-3110  Fax: 715-235-5385

Dan Carpenter, Water Dept. Foreperson  JOB NAME:
Merrill St. Underground and Scheuring

925 South Sixth Street  Above Ground Water Storage Reservoirs
De Pere, WI  54115-1199

We hereby submit specifications and estimates for: Cleaning, inspecting and disinfecting the water
storage tanks as follows:

If needed, the Contractor will provide additional relief valves. Upon draining, the
tanks will be cleaned of sediment and debris. If necessary, the side walls will be power
washed to remove any film build-up. The Contractor will inspect the exterior and interiors
of the tanks and send DNR Inspection Reports including recommendations and, if feasible,
pictures to the Utility.

The tanks will be disinfected according to AWWA Standard C652-02. The Utility will be
responsible for taking two consecutive water samples taken 24 hours apart. If these
bacteriological samples come back positive, the Contractor will be responsible for
redisinfection of the tanks until safe samples are obtained.

This work will be done on the same day in Sept. or Oct. of 2010. If they cannot be done
on the same day and an extra trip is incurred, mobilization costs will be added.

A certificate of insurance showing two million dollar umbrella coverage on all
liabilities will be submitted before this work is started.

We hereby propose to furnish labor and materials — complete in accordance with the above specifications, for the sum of:

***Two Thousand Three Hundred per tank*** dollars ($2,300.00/tank) with payment to be made as follow
Plus $650.00 mobilization charges if a second trip is needed. Due and
payable within thirty days of receipt of written reports.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any
alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an
extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner
to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature  Mary Jane  Vice-President
LANE TANK CO., INC.

NOTE: This proposal may be withdrawn by us if not accepted within_______ days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as
specified. Payment will be made as outlined above. (Please return signed white copy)

Accepted:  
Signature ______________________________

Date __________________________  Signature ______________________________

(Customer Sign Here)
PROPOSAL AND CONTRACT AGREEMENT
250,000 Gallon Underground Concrete Water Storage Reservoir, 9th St.- 49-05-11-06

This agreement between the City of DePere, Wisconsin hereinafter called OWNER, and DIXON ENGINEERING, INC., hereinafter called DIXON, is as follows:

The OWNER agrees to engage DIXON for Consulting and Inspection services hereinafter set forth.

A. DIXON agrees to perform the services as detailed in attached SCHEDULE A.

B. OWNER agrees to pay DIXON as compensation for their services the sum of Two Thousand, Three Hundred, Seventy-five dollars ($2,375.00). Terms of payment shall be as detailed in SCHEDULE B.

C. If additional services are requested by the OWNER which are not within the proposed scope of services as defined in ITEM A, then these services will be charged on the basis of the Fee Schedule as detailed in attached SCHEDULE C.

D. The OWNER and DIXON agree to the conditions as set forth in the attached GENERAL PROVISIONS of the agreement.

E. Prices stated in the proposal are subject to change after one hundred twenty (120) days and will be mutually agreed upon by the OWNER and DIXON unless approved as a contract prior to ninety days.

This contract format shall include this cover sheet, Schedules A, B, C, and General Provisions. If this proposal/contract is for more than one service, multiple Schedules A and B may be used. Any changes in this proposal/contract should be addressed by a separate addendum.

Mari Anne Martin (rlk) (revised) February 22, 2010
PROPOSED by DIXON (Not a contract until approved by an officer) DATE

CONTRACT APPROVED by OWNER POSITION DATE

CO SIGNATURE (if required) POSITION DATE

CONTRACT APPROVED by DIXON OFFICER DATE

Members: Society of Protective Coatings • American Water Works Association • Consulting Engineers Council
PROPOSAL AND CONTRACT AGREEMENT
250,000 Gallon Above-Ground Concrete Water Storage Reservoir, Scheuring Road
#49-05-11-04

This agreement between the City of DePere, Wisconsin hereinafter called OWNER, and DIXON ENGINEERING, INC., hereinafter called DIXON, is as follows:

The OWNER agrees to engage DIXON for Consulting and Inspection services hereinafter set forth.

A. DIXON agrees to perform the services as detailed in attached SCHEDULE A.

B. OWNER agrees to pay DIXON as compensation for their services the sum of Two Thousand, Two Hundred, Fifty-five dollars ($2,255.00). Terms of payment shall be as detailed in SCHEDULE B.

C. If additional services are requested by the OWNER which are not within the proposed scope of services as defined in ITEM A, then these services will be charged on the basis of the Fee Schedule as detailed in attached SCHEDULE C.

D. The OWNER and DIXON agree to the conditions as set forth in the attached GENERAL PROVISIONS of the agreement.

E. Prices stated in the proposal are subject to change after one hundred twenty (120) days and will be mutually agreed upon by the OWNER and DIXON unless approved as a contract prior to ninety days.

This contract format shall include this cover sheet, Schedules A, B, C, and General Provisions. If this proposal/contract is for more than one service, multiple Schedules A and B may be used. Any changes in this proposal/contract should be addressed by a separate addendum.

Mari Anne Martin (rkl) (revised) February 22, 2010
PROPOSED by DIXON (Not a contract until approved by an officer) DATE

CONTRACT APPROVED by OWNER POSITION DATE

CO SIGNATURE (if required) POSITION DATE

CONTRACT APPROVED by DIXON OFFICER DATE

Members: Society of Protective Coatings • American Water Works Association • Consulting Engineers Council
PROPOSAL AND CONTRACT AGREEMENT
250,000 Gallon Underground Concrete Water Storage Reservoir, Merrill, , #49-05-11-07

This agreement between the City of De Pere, Wisconsin hereinafter called OWNER, and DIXON ENGINEERING, INC., hereinafter called DIXON, is as follows:

The OWNER agrees to engage DIXON for Consulting and Inspection services hereinafter set forth.

A. DIXON agrees to perform the services as detailed in attached SCHEDULE A.

B. OWNER agrees to pay DIXON as compensation for their services the sum of Two Thousand, Three Hundred, Seventy-five dollars ($2,375.00). Terms of payment shall be as detailed in SCHEDULE B.

C. If additional services are requested by the OWNER which are not within the proposed scope of services as defined in ITEM A, then these services will be charged on the basis of the Fee Schedule as detailed in attached SCHEDULE C.

D. The OWNER and DIXON agree to the conditions as set forth in the attached GENERAL PROVISIONS of the agreement.

E. Prices stated in the proposal are subject to change after one hundred twenty (120) days and will be mutually agreed upon by the OWNER and DIXON unless approved as a contract prior to ninety days.

This contract format shall include this cover sheet, Schedules A, B, C, and General Provisions. If this proposal/contract is for more than one service, multiple Schedules A and B may be used. Any changes in this proposal/contract should be addressed by a separate addendum.

Mari Anne Martin (rlk) (revised) February 22, 2010
PROPOSED by DIXON (Not a contract until approved by an officer) DATE

CONTRACT APPROVED by OWNER POSITION DATE

CO SIGNATURE (if required) POSITION DATE

CONTRACT APPROVED by DIXON OFFICER DATE

Members: Society of Protective Coatings • American Water Works Association • Consulting Engineers Council
Proposal/Contract Agreement
for Elevated Water Storage Tank
250,000 Gallon Double Ellipse – 9th Street, #49-05-11-02

The agreement is between Dixon Engineering, Inc. (DIXON) and the City of DePere, Wisconsin (OWNER) to contract with DIXON for technical services for the 250,000 Gallon Double Ellipse – 9th Street (Project). This agreement inclusive together with any expressly incorporated appendix or Schedule, constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument. This agreement includes pages 1 through 4 and Schedules A, B, and C.

1.01 BASIC AGREEMENT
DIXON shall provide, or cause to be provided, services detailed in Scope of Services and OWNER agrees to pay DIXON as compensation for their services the not to exceed fee of Two Thousand, Three Hundred dollars ($2,300.00). Terms of charges and payments per details in Schedule B. (Prices quoted are subject to change 120 days after proposal date, if not contracted.)

2.01 SCOPE OF SERVICES
Preliminary Maintenance Inspection per Schedule A

3.01 SIGNATURES

Mari Anne Martin (rlk) (revised) February 22, 2010
PROPOSED by DIXON (Not a contract until approved by an officer) PROPOSAL DATE

CONTRACT APPROVED by OWNER POSITION DATE

CO SIGNATURE (if required) POSITION DATE

CONTRACT APPROVED by DIXON OFFICER EFFECTIVE CONTRACT DATE

Members: Society of Protective Coatings • American Water Works Association • Consulting Engineers Council
Parking and Traffic Team
April 4th, 2010
Minutes

☑ Scott Thoresen ☑ Ken Pabich
☑ Dale Haagen

Traffic:
1. Merrill and Broadway Intersection.
The group was asked to analyze the intersection for safety. For the short term, the committee
recommended that Public Works confirm the timing and sequencing of the movements to ensure
pedestrian safety. The intersection will also be improved this year with an additional crossing that will be
added to the north side of Merrill. The committee also recommended that the intersection should have
‘crosswalk countdown signs’ added.

Signage:
2. West Wood Elementary.
A request was made by West Wood Elementary to improve the on street parking. The police liaison
officers’ made some suggestions to change the parking. These concepts were going to be research by
Public Works and then some follow up meeting would be schedule between the City and the West De Pere
School District.

3. Handicap Parking request.
A request was made to add handicap parking in the James Street stalls across from the Union Hotel. Staff
reviewed the request and determined it can not be done given the design of the lot. The slope and existing
ROW limit the ability to add legal stalls.

4. Signage on Main and Reid.
A request was made to add signage to Main and Reid warning drivers of stopped traffic. This item was
referred to the Police department to check on traffic warrants and to see how sign could be added if
considered.

5. Traffic Control at Desplaines and Charles.
The street department completed a traffic study in March. The study did show some speeding; however
the majority of the traffic was within limits. Police had also checked for supporting traffic warrants;
however there were none found. Based on these findings and the fact that stop signs do not control speed,
the team recommended not adding traffic control.

Ordinances: None

6. Other Items - None
7. Future Agenda Items – None