



AGENDA OF THE IMPROVEMENT AND SERVICES COMMITTEE

**WEDNESDAY, JULY 11, 2018, 5:00 PM
CITY HALL, ROOM 207**

PLEASE NOTE TIME CHANGE:

Immediately following Park Committee which begins at 5 p.m.

A. Roll Call.

B. Approval of the Agenda.

C. Approval of Minutes.

D. Regular Business.

1. Consideration with possible action on request by Gary Baranowski for additional on-street overnight parking allowances at 1239 Shadow Lane through the end of 2018.
2. Consideration with possible action on request by Platten Place Building (owner: Skip Heverly) to establish a rental agreement for 40 parking stalls in Lot F.
3. Consideration with possible action on request by Downtown Green Bay, Inc. to establish a new agreement with Department of Public Works for installation and maintenance of banners on downtown light poles
4. Consideration with possible action on request by Bay Settlement Investments, LLC to dedicate the Eaton Heights Storm Water Facility to the City of Green Bay to take ownership of the pond.

5. Consideration with possible action on approval of the 2017 Department of Public Works Annual Report.
6. Consideration with possible action on request by the Department of Public Works to amend General Ordinance No. 16-18, Section 8.11(4)(a), Green Bay Municipal Code, relating to Unmanaged Plant Growth.
7. Report of actions taken by Department of Public Works

A. Award of contracts

1. To approve the contract PAVEMENT 2-18 (METRO TRANSIT DRIVEWAY) to the low, responsive bidder, Peters Concrete Co., in the amount of \$82,355.

2. To approve to award SEWERS 5-18

Part A was not awarded.

Part B to the low, responsive bidder, Visu-Sewer, Inc., in the amount of \$318,798.90.

B. Granting of Licenses

N & L Concrete Const. LLP

C. Real estate acquisition for Webster Avenue

1. Agreement for Purchase (Parcel Number, Address, Owner Name, Amount)

22, 1005 Berner Street, Ronald Tordeur, \$84,000

2. Relocation Payments (Parcel Number, Address, Owner Name, Amount)

2a, 816 N. Webster Avenue, Maria Hernandez, \$950

2a, 816 N. Webster Avenue, Maria Hernandez, \$7,050

2a, 816 N. Webster Avenue, Maria Hernandez, \$1,140

7a, 1108 N. Webster Avenue, Anthony Shea, \$6,450

10, 1032 N. Webster Avenue, David & Jeanne Klaus, \$1,350

14a, 101 Day Street, Jenny Sill, \$1,350

14b, 1001 Day Street, Rebecca Eckhardt, \$5,700

14b, 1001 Day Street, Rebecca Eckhardt, \$1,140

15, 916 N. Webster Avenue, Craig Process, \$2,147

22a, 1005 Berner Street, Regina Donaldson, \$375

8. Consideration with possible action on report of the Purchasing Manager:

Request approval to purchase streetlight poles and related equipment from Neher Electric for \$74,152.

9. Consideration with possible action on approval of the following plat of right-of-way:

Sitka Street from Superior Road to Ontario Road AND Superior Road from Gilbert Drive to Sitka Street AND proposed streets north of Sitka Street between Superior Road and Easy Street AND Superior Road Storm Water Management Facility.

F. Informational.

1. Director's Report on recent activities of the Public Works Department.
2. The next Improvement and Services Committee meeting is scheduled for August 1, 2018.

E. Public Hearings.

G. Adjournment.

- 1) THIS MEETING IS RECORDED: THE VIDEO OF THIS MEETING AND MINUTES ARE AVAILABLE ONLINE AT www.greenbaywi.gov
- 2) ACCESSIBILITY: Any person wishing to attend who requires special accommodation because of a disability, should contact the City Safety Manager at 920-448-3125 at least 48 hours before the scheduled meeting time so that arrangements can be made.
- 3) QUORUM: Please take notice that a majority or quorum of the Improvement and Services Committee will attend this committee meeting and will constitute a meeting of the Improvement and Services Committee for purposes of discussion and information gathering relative to this agenda.
- 4) REPRESENTATION: The party requesting the communication, or their representative, should be present at this meeting.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # D.I.

Consideration with possible action on request by Gary Baranowski for additional on-street overnight parking allowances at 1239 Shadow Lane through the end of 2018.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # D.2.

Consideration with possible action on request by Platten Place Building (owner: Skip Heverly) to establish a rental agreement for 40 parking stalls in Lot F.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # D.3.

Consideration with possible action on request by Downtown Green Bay, Inc. to establish a new agreement with Department of Public Works for installation and maintenance of banners on downtown light poles

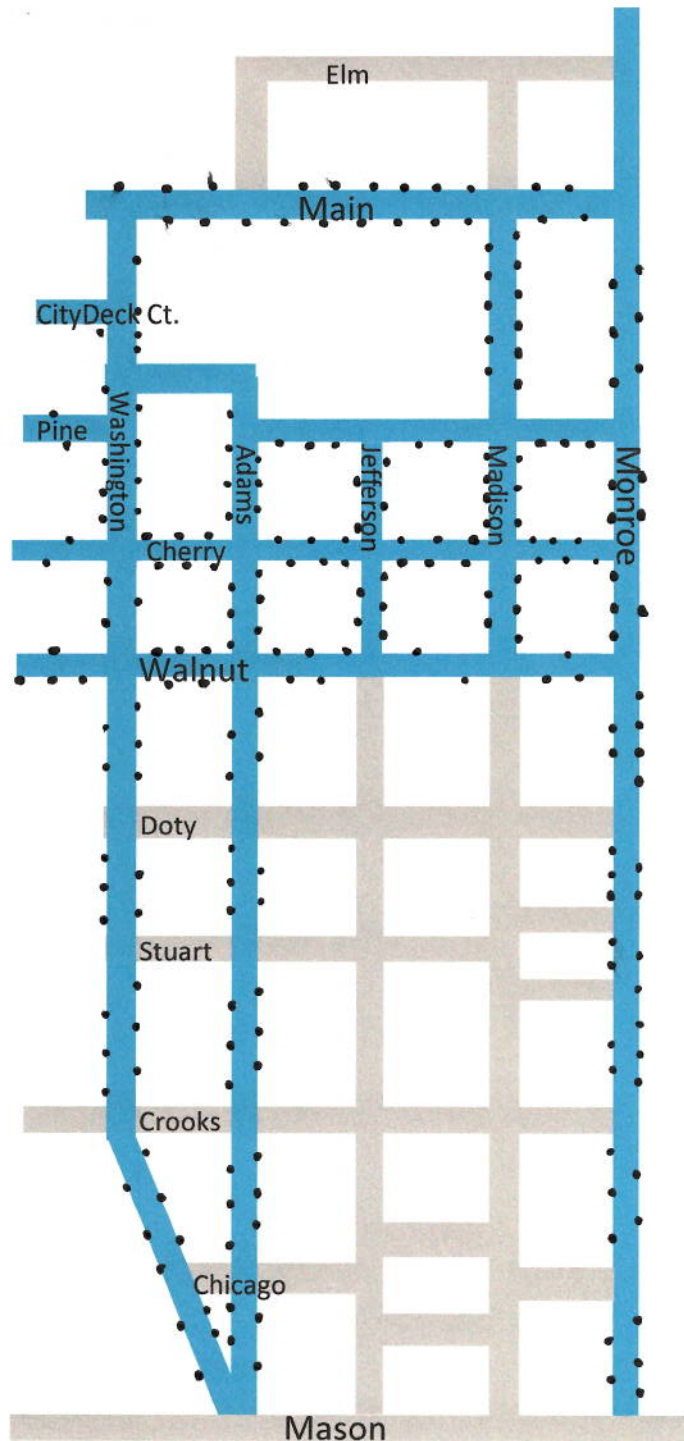
BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

1. 2018 DGBI downtown banner upgrade-pole location map
2. 2018 DGBI downtown banner upgrade-project proposal



Monroe Ave.	44
Washington St.	42
Adams St.	38
Cherry St.	26
Madison St.	23
Main St.	22
Walnut St.	19
Pine St.	10
Jefferson St.	9
Northland Ave.	5

Downtown Green Bay, Inc.
Banner Project
Plan of Action
2018

Downtown Green Bay, Inc. (DGBI) is working with Project Graphics to produce 600 banners (300 district banners and 300 holiday banners) as well as provide 300 bracket hardware and install the hardware on the light poles downtown.

DGBI has specified 238 light pole locations for the banners to be installed.

The district banners will be installed and remain up from March through the end of October. The holiday banners will be installed and remain up from November through the end of February.

Expectations:

DGBI will pay for and own all the banners (600) and hardware (300).

DGBI will pay for the repair and replacement of banners and hardware parts.

DGBI will pay for the initial installation of hardware (238) and banners (238).

DGBI asks for the City to be a partner in the banner project by contributing labor and equipment to switch out the district and holiday banners annually.

DGBI will provide the storage of the banners while they are not in service.

This Plan of Action will remain in effect until December 2025 with the option for renewal and renegotiation with both DGBI's and the City's approval.



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # D.4.

Consideration with possible action on request by Bay Settlement Investments, LLC to dedicate the Eaton Heights Storm Water Facility to the City of Green Bay to take ownership of the pond.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. Dedication Letter of Eaton Heights Storm Water Facility

June 25th, 2018

Bay Settlement Investments, LLC
c/o John J Bunker, Managing Member
825 S Huron Road, Suite G
Green Bay, WI 54311

City of Green Bay
c/o Improvement and Services Committee
100 N Jefferson Street
Green Bay, WI 54301

Improvements and Services Committee:

As the owners of the Eaton Heights Storm Water Pond, We would like to dedicate the Eaton Heights Storm Water Facility to the City of Green Bay to take ownership of the pond.

Please advise as to the next steps.

Sincerely,

A handwritten signature in black ink, appearing to read "John J Bunker", written in a cursive style.

John J Bunker
Managing Member, Bay Settlement Investments, LLC



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # D.5.

Consideration with possible action on approval of the 2017 Department of Public Works Annual Report.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. 2017 Annual Report

City of Green Bay Wisconsin



2017 DEPARTMENT OF PUBLIC WORKS ANNUAL REPORT

TO: The Mayor and
Common Council

FROM: Steven M. Grenier, P.E.
Director of Public Works

I am herewith submitting the 2017 Annual Report for the Department of Public Works. This report includes a detailed summary of the activities and the operations of the Department of Public Works, which is a State Statute requirement.

The achievements and activities of the Department were made possible with the cooperation of the Mayor and Common Council and the support of the employees of this Department.

**CITY OF GREEN BAY
DEPARTMENT OF PUBLIC WORKS
2017 ANNUAL REPORT**

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2017 ANNUAL REPORT

DEPARTMENT OF PUBLIC WORKS

The Department of Public Works functions under the Mayor and Common Council, and in particular, the following committees and commissions, which report to the Common Council. In 2017, the members of these committees and commissions were as follows:

1. Improvement & Service Committee

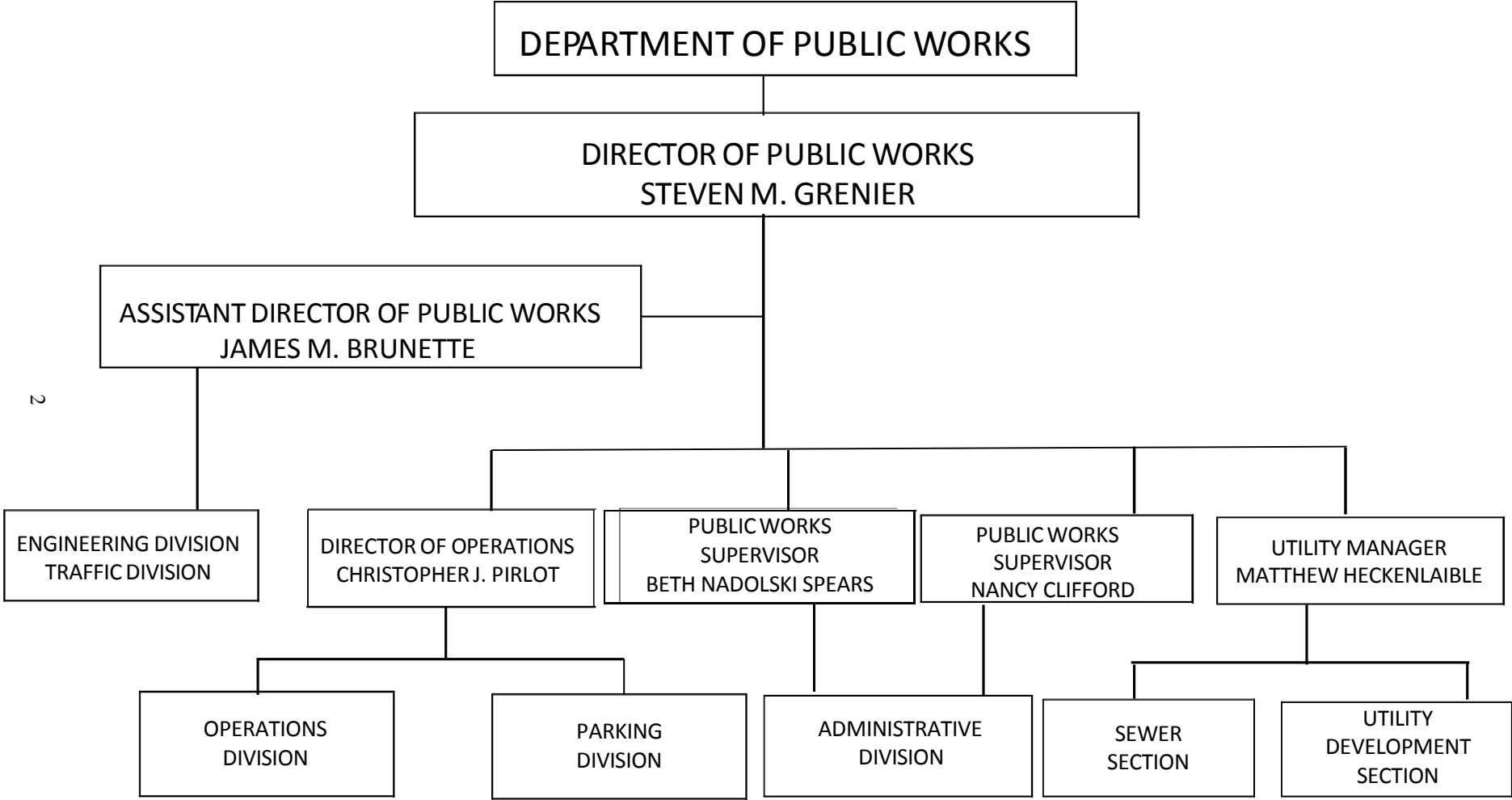
Members: Andy Nicholson, Chairperson
Chris Wery, Vice-Chairperson
David Nennig
John Vander Leest

2. Traffic, Bicycle, & Pedestrian Commission

Members: Matt Kuepers, Chairperson
Daniel Theno, Vice-Chairperson
Aldersperson Barbara Dorff
Lieutenant Brad Strouf
Charles Karow
Brighid Riordan
Ray Smith

Following the direction of the Mayor and Common Council, the Improvement & Service Committee, Traffic, Bicycle, & Pedestrian Commission, Director of Public Works, Department of Public Works, consisting of 211 employees within its six divisions (Engineering, Traffic, Operations, Utility, Executive Support, and Parking System Division), provides the basic municipal services to the citizens of Green Bay.

To a large degree, the general safety, welfare, and appearance of the community depends on the Department of Public Works carrying out its responsibilities in an expeditious manner through the design, construction, and maintenance of street pavements, sewers, bridges, sidewalks, traffic control devices, street lighting, public parking facilities, the issuance of permits, the collection of solid waste, the control of snow and ice, and the control of noxious weeds on public and private property.



2

2017 DEPARTMENT OF PUBLIC WORKS STATISTICS

<u>Area:</u>	46.08 square miles	
<u>Population:</u>	105,207 (estimate)	
<u>Streets:</u>	Connecting highways	22.77 miles
	County trunk highways	17.38 miles
	Local streets	<u>416.36 miles</u>
	TOTAL STREETS	456.51 miles
<u>Sewers:</u>	Storm sewers	516 miles
	Main, mini-sewer, inlet leads	
	Inlets	14,523
	Storm manholes	7,534
	Sanitary sewers	466 miles
	Sanitary manholes	9,528
	TOTAL SEWERS	982 miles
<u>Lift Stations:</u>	19 storm	
	14 sanitary	
<u>Street Lights:</u>	8,384	
<u>Traffic Signals:</u>	102 intersections	
<u>Bridges:</u>	30	

CONSTRUCTION SUMMARY

Sanitary sewer construction/reconstruction	3.76 miles	\$ 752,456.30
Storm sewer construction/reconstruction	1.43 miles	656,487.78
Pavement construction (trail)	0.30 miles	381,580.02
Pavement repair		1,169,000.00
Asphalt resurfacing/replacement	3.01 miles	1,256,610.42
Sidewalk construction	1.28 miles	359,862.57
Mudjacking		26,063.10
Building construction repair		977,928.12
Water main construction	2.11 miles	1,264,809.70
Alley improvements	0.56 miles	185,878.14
Community Development contracts		645,777.91
Park improvements		1,469,226.53
Miscellaneous contracts		<u>945,074.51</u>
TOTAL		<u>\$10,090,755.10</u>

ENGINEERING DIVISION

The Engineering Division was responsible for the administration of the following public works contracts. References to the percentage of work completed relate to project status as of December 31, 2017.

I. BRIDGE AND BUILDING CONSTRUCTION AND REPAIR CONTRACTS

A. EAST RIVER PEDESTRIAN BRIDGE

The work performed under this Contract was to consist of furnishing all the material, labor, tools, equipment, services, methods, skills and supervision necessary to satisfactorily complete the repair work described in the Special Provisions and the plans of this Contract. The work in general would have consisted of milling off the top layer of concrete, concrete partial depth and full depth repairs, general concrete repairs and placing a new concrete overlay with a protective sealant; and repair and/or replace steel members and painting them at each abutment.

This project was not awarded as bid but an asphalt overlay was placed for \$7,500.

B. BRIDGE 2-17 (BAIRD AND MONROE STREETS)

The work performed under this Contract consists of furnishing all the material, labor, tools, equipment, services, methods, skills and supervision necessary to satisfactorily complete the repair work described in the Special Provisions of this Contract. The work on Bridge B-5-275 Baird Street over East River consists of reconstructing part of the existing concrete deck at the expansion joint and reconstructing sections of the sidewalk as shown on the plan. The work on Bridge B-5-255 Monroe Street over East River consists of reconstructing part of the existing approach concrete slab and reconstruct sections of the sidewalk and median, and replacing a joint seal.

This project is 95% complete: \$191,650.

C. BRIDGE 3-17 (NITSCHKE BRIDGE)

The work performed under this Contract consists of furnishing all the material, labor, tools, equipment, services, methods, skills and supervision necessary to satisfactorily complete the repair work described in the Special Provisions and the plans of this Contract. The work is located at Bridge B-5-311: Main Street (Nitschke) Bridge over the Fox River. The work in general consists of placing a backer rod and seal the bottom of all precast panels located in the east and west bascule abutments; repairing the damaged areas by abrasion on the galvanized sidewalk plates and resealing the joints; and reconstructing the abutment joints.

This project is 95% complete: \$70,210.

D. PARKING RAMP REPAIRS 2017

This repair work in general consisted of concrete repairs, expansion joint replacement, joint and crack repairs, and traffic bearing membrane. A majority of the Contract work will take place in the Pine Street Parking Ramp. Some work will also take place in the Cherry Street Parking Ramp and may have some work in the Main St. Parking Ramp as well. There will also be some post-tension cable investigation repairs.

This project is 70% complete: \$380,000.

E. REROOFING FIRE STATION #1

This contract included the removal of the existing roofing and insulation; furnishing and install of a new fully adhered EPDM roof membrane, insulation and underlayment (approximately 8,000 square feet); and furnishing and reinstall all existing associated flashing, sheet metal, and apply new sealants.

This project is complete: \$42,600.

F. REROOFING FIRE STATION #5

This contract included the removal of the existing roofing and insulation; furnishing and install of a new asphalt shingle roofing materials and furnishing and reinstall all existing associated flashing, sheet metal, and apply new sealants.

This project is complete: \$44,000.

G. REROOFING SCHAUER AND SCHUMACHER BUILDING

This contract included the removal of the existing roofing and insulation; furnishing and install of a new fully adhered EPDM roof membrane, insulation and underlayment; and furnishing and reinstall all existing associated flashing, sheet metal, and apply new sealants.

This project is complete: \$53,100.

H. PAINTING GREEN BAY METRO CANOPY - 2017

This work will consist of painting the canopy steel, the canopy underside decking, the gutters and soffits. The work includes some light fixtures also be painted.

This project is 10% complete: \$155,770.

I. BOILER AND HEATER REPAIRS – GBPD AND MUNI COURT

The work under this contract consisted of providing all labor, materials, tools, equipment, services, methods, skills and supervision necessary to satisfactorily complete the furnish and installation of a new boiler at the Municipal Court Building, furnish and installation of a new heat exchanger at the Green Bay Police Station, and furnish and installation of a new garage unit heater at the Green Bay Police Station.

This project is complete: \$40,600.

II. PAVEMENT CONTRACTS

A. PAVEMENT 1-17 (S WEBSTER AVE AND PORLIER ST)

This Contract includes construction of approximately 2,655 linear feet of 4", 6", 8", 10" and 12" water main including service relays; 3,475 linear feet of 8", 10", and 12" CIPP sanitary sewer, sanitary manhole reconstruction, rehabilitation, and replacement; 3,600 linear feet of 12" to 36" storm sewer relay and construction including storm sewer lateral relay and construction, storm manhole construction and replacement; 2,800 linear feet of 2" and 3" electrical conduit, 29 traffic signal bases; 17,300 square yards of concrete pavement removal; 3,400 cubic yards of excavation; 6,600 cubic yards of 1 1/4" crushed aggregate base course; 13,900 square yards of 8" integral concrete pavement; 1,200 square yards of reconstruct 8" concrete pavement; 550 square yards of 8" colored concrete; 3,100 linear feet of 18" curb and gutter; 19,200 square feet of 4" or 8" concrete sidewalk and driveway; 10,000 square feet of 4" colored and stamped concrete; 160 tons of HMA pavement; construction staking; median construction; pavement marking; and site restoration.

This project is 97% complete: \$2,675,225.07.

B. PAVEMENT 2-17 (S VAN BUREN ST)

This Contract includes construction of approximately 2,500 cubic yards of excavation, 875 cubic yards of 1 1/4" crushed aggregate base course, 540 cubic yards of breaker run, 680 tons of HMA Pavement, 2,000 linear feet of 24" curb and gutter, and 5,300 square feet of concrete sidewalk and driveway, and sod restoration.

This project is complete: \$281,099.10.

C. PAVEMENT 3-17 (MADISON STREET)

This Contract includes construction of approximately 2,200 cubic yards of excavation; 770 cubic yards of 1 1/4" crushed aggregate base course; 450 cubic yards of breaker run; 580 tons of HMA pavement; 55 square yards of reconstruct 8" concrete pavement; 600 square yards of reconstruct 8" HES concrete pavement; 1,900 linear feet of curb and gutter; 5,100 square feet of concrete sidewalk and driveway; and sod restoration.

This project is 98% complete: \$331,187.40.

D. PAVEMENT 4-17 (TARA MARIE LN)

This Contract includes construction of approximately 1,500 cubic yards of excavation; 500 cubic yards of 1 1/4" crushed aggregate base course; 600 cubic yards of engineered granular backfill; 600 linear feet of PVC underdrain, 300 tons of HMA pavement; 500 linear feet of curb and gutter; geotextile and restoration.

This project is complete: \$126,442.91.

E. RESURFACING 1-17

PART A

This contract includes 4,007 square feet of concrete sidewalk and driveway reconstruction, 180 square feet of curb ramp detectable warning field cast iron, 4,923 linear feet of reconstruction of concrete curb and gutter, and 1,674 square yards of terrace restoration at various locations associated with asphalt streets resurfaced in 2017.

This project is complete: \$246,985.25.

PART B

This contract includes resurfacing and patching 11,359 tons of asphalt pavement and 60,340 square yards of milling surface. The work includes 1,450 cubic yards of base excavation, and 3,650 tons of crushed aggregate base course.

This project is complete: \$1,009,625.17.

F. SIDEWALKS - 2017

This contract includes 55,637 square feet of concrete sidewalk construction and reconstruction, 352 square feet of curb ramp detectable warning field cast iron, and 1,844 square yards of terrace restoration various locations throughout the City.

This project is complete: \$359,862.57.

G. PAVEMENT REPAIR - 2017

This contract includes 10,000 square feet of concrete sidewalk and driveway reconstruction, 80 square feet of curb ramp detectable warning field cast iron, 700 square yards of concrete pavement reconstruction, replacement of 18 units of inlets, replacement of 300 linear feet of inlet leads, replacement of 50 vertical feet of manholes, and reconstruction of 750 linear feet of concrete curb and gutter at various locations throughout the City.

This project is 98% complete: \$266,631.56.

H. MUDJACKING 2017

This contract includes mudjacking/raising 6,336 linear feet of curb and gutter, 180 square yards of concrete apron/ramp, which had settled and was causing ponding and unsafe conditions. This work was completed by purchase order after quotations were received.

This project is complete: \$26,063.10.

III. SEWER CONTRACTS

A. SEWERS 1-17 (INCLUDING WATER MAIN)

PART A

Part "A" of this contract includes approximately 20 linear feet of 6" water main, 950 linear feet of 8" water main, 20 linear feet of 10" water main, 1,130 linear feet of 12" water main all including ¾" to 2" water service transfer and relays, sanitary spot repairs, sanitary manhole construction and replacement, 970 linear feet of 10" CIPP sanitary sewer, 330 linear feet of 15" CIPP sanitary sewer, 1,100 linear feet of 10" CIPP sanitary sewer, 430 linear feet of 12" storm sewer, 470 linear feet of new and re-laid 12" storm inlet leads, 340 linear feet of 6" storm lateral construction, storm sewer spot repairs, storm manhole construction and replacement, and storm inlet construction, repairs, and replacements.

This project is complete: \$790,489.51.

PART B

Part "B" of this contract includes approximately 20 linear feet of 4" water main, 60 linear feet of 6" water main, 3,600 linear feet of water main all including ¾" to 2" water service transfer and relays, sanitary sewer spot repair, sanitary manhole reconstruction, 900 linear feet of 8" CIPP sanitary sewer, 320 linear feet of 15" CIPP storm sewer, 275 linear feet of 12" storm sewer, 100 linear feet of new and re-laid 24" storm sewer, 45 linear feet of 36" storm sewer, 500 linear feet of new and re-laid 12" storm inlet leads, storm sewer spot repairs, storm sewer manhole construction and replacement, storm manhole rehabilitation, and storm inlet construction, repairs and replacements.

This project is 98% complete: \$815,703.70.

PART C

Part "C" of this contract includes approximately 100 linear feet of 6" water main, 1,800 linear feet of 8" water main both including ¾" to 2" water service transfer and relays, sanitary spot repairs, sanitary manhole construction and replacement, sanitary manhole rehabilitation, 1,000 linear feet of 8" CIPP sanitary sewer, 200 linear feet of new and re-laid 12" storm sewer, 200 linear feet of 12" storm inlet leads, 35 linear feet of 21" storm sewer, 275 linear feet of 24" storm sewer, 1,400 linear feet of 27" storm sewer, storm spot repairs, storm manhole construction and reconstruction, storm manhole rehabilitation, and storm inlet construction repairs and replacements.

This project is complete: \$698,218.50.

B. SEWERS 2-17 (INCLUDING WATER MAIN)

This Contract includes approximately 920 Linear Feet of 6" and 8" water main including service relays; 465 Linear Feet of 8" sanitary sewer including sanitary sewer lateral relays, sanitary sewer construction, reconstruction, and replacement; 280 Lineal Feet of 8" CIPP sanitary sewer; 420 Linear Feet of 12" storm sewer construction and 640 Linear Feet of 15" storm sewer construction including storm sewer lateral relay and construction, and storm sewer manhole construction and replacement.

This project is 98% complete: \$476,253.39.

C. SEWERS 3-17 (S Van Buren St)

This Contract includes approximately 360 linear feet of 6", 8", 10" and 12" water main including service relays; 3,610 linear feet of 8" CIPP sanitary sewer, 460 linear feet of 10" CIPP sanitary sewer; 445 linear feet of 12" storm sewer construction and reconstruction, and 500 linear feet of 48" storm sewer reconstruction including storm sewer lateral relay and construction, storm sewer manhole construction and replacement, and storm inlet construction repairs and replacements.

This project is complete: \$552,631.65.

D. SEWERS 4-17 (Basin Repair)

This Contract includes approximately 4,600 linear feet of 8" CIPP sanitary sewer, 4,300 linear feet of 10" CIPP sanitary sewer, 3,300 linear feet of 14" CIPP sanitary sewer, 1,200 linear feet of 15" CIPP sanitary sewer, installation of sanitary sewer top hats, chemical grouting of sanitary sewer, and sanitary sewer manhole rehabilitation.

This project is complete: \$431,007.24.

E. SEWERS 5-17 (Mini-Sewers)

This Contract includes approximately 1,700 linear feet of 6" mini-storm sewer, inlets, inlet leads, and other storm sewer appurtenances, 1,900 square feet of 6" concrete sidewalk and driveways, 500 square feet of 4" concrete sidewalk, curb and gutter, pavement replacement, and terrace restoration.

This project was not awarded.

F. SEWERS 6-17 (Mather Street)

This contract includes approximately 2,345 Linear Feet of 6", 8", 10", and 12" water main including service relays; 225 Linear Feet of 8" sanitary sewer replacement including sanitary sewer lateral relays and sanitary sewer manhole replacement; 1,070 Linear Feet of 12" CIPP sanitary sewer.

This project is 97% complete: \$848,799.62.

G. SEWERS 7-17 (Mather Street Lift Station)

This contract includes approximately 100 linear feet of 15", 18", and 36" storm sewer, inlet and outlet structures, lift station construction and pump installation, 350 square yards of pavement removal, 450 square feet of 4" and 6" reconstruct concrete sidewalk, 40 linear feet of 2" PVC electrical conduit, and terrace restoration.

This project has not begun and will be constructed in 2018.

IV. **PARK IMPROVEMENTS**

A. **ASTOR PARK SHELTER**

The work under this Contract shall consisted of demolition and removal of the existing shelter building and construction of the new shelter that included a community room, mechanical and storage room, bathrooms, reinforced concrete slab, electrical, mechanical, and plumbing, site grading, erosion control, restoration and all incidental items necessary to complete the work as specified in the drawings and technical specifications.

This project is 100% complete: \$394,240.

B. **PARKS 1-17 (Fox River Trail)**

This Contract includes approximately 350 square yards of pavement removals, 8,500 square feet of removing pavers, 570 cubic yards of excavation, 1,360 cubic yards of stripped and salvaged topsoil, 180 cubic yards of screened topsoil, 475 cubic yards CABC, 1 ¼", 171 tons of HMA pavement, 3,200 lineal feet of concrete paver band, 1,200 square feet of 4" and 6" concrete pavement, 22 light pole installation with concrete bases, 7,000 lineal feet of wiring and conduit, and site restoration.

This project is 98% complete: \$381,580.02.

C. **PARKS 2-17 (Beaver Dam Park – Ballfield Renovation)**

This Contract includes approximately 3,000 cubic yards of excavation; 23,000 square yards of stripped and savaged topsoil; 2,500 square yards of removal and placement of salvaged infield material; 1,300 cubic yards of borrow; 5,500 square feet of 6" concrete pavement; 800 linear feet of drain tile and storm sewer construction; 125 cubic yards of screened topsoil; 2,000 linear feet of chain link fencing; dugout and backstop construction; erosion control practices and site restoration.

This project is 95% complete: \$340,090.93.

D. **PARKS 3-17 (Bay Beach West Train Ride)**

This contract includes the construction approximately: 175 square yards of pavement removals; 625 linear feet of fence and gate removals; removal of existing shelter; 250 cubic yards of excavation; 2,125 cubic yards of borrow; 8,700 square yards of stripped/salvaged/screened topsoil; 300 cubic yards of crushed aggregate and engineered backfill; 550 linear feet of 2" to 8" storm sewer and structures; footings/piers/foundations for structures; 6 concrete light bases; 4,000 linear feet of electrical conduit and wiring; 5 light fixtures and poles; 1,600 linear feet of fencing/railing and associated gates/posts/hardware; 550 square yards of 4 ½" to 8 ½" reinforced concrete slabs; 25 tons of hot mix asphalt pavement; furnish and installation of two canopy structures; and a 3,700 square feet wood post-framed building, flood elevation verification; handling historic soil, erosion control; and restoration.

The quantities shown above are anticipated final construction quantities. The project began in Fall 2017 and is expected to be completed in Spring 2018.

This project is 28% complete: \$353,316.63.

V. COMMUNITY DEVELOPMENT BLOCK GRANT CONTRACTS

A. CD 17-01 – Sixth Street Resurfacing

This contract includes approximately 1,456 square yards of pulverized pavement surface, 120 tons of crushed aggregate base course, 316 tons of HMA pavement Type E-3, and 1,786 lineal feet of shaping shoulders, for the resurfacing of Sixth Street, from Greenwood Avenue to the alley east of Ashland Avenue.

This project is complete: \$50,542.74.

B. CD 17-02

PART A (SIDEWALK AND PAVEMENT REPAIRS)

This contract includes 4,100 square feet of concrete sidewalk, 99 linear feet of 24" curb and gutter, 166 linear feet of curb replacement, 200 square feet of curb ramp detectable warning field, and 150 square yards of restoration at various locations throughout the City within the Community Development Block Grant eligible areas.

This project is complete: \$60,151.80.

PART B (ALLEY RESURFACING)

This contract includes removal and replacement of 4,396 square yards (0.61 miles) of asphalt pavement in alleys within the Community Development Block Grant eligible areas. This work also included constructing a new asphalt parking lot in Seymour Park.

This project is complete: \$185,878.14.

C. CD 17-03 – (Perkins Park Tennis Courts)

This Contract includes approximately 1,100 cubic yards of excavation, 8,000 square yards of stripped and salvaged topsoil, 3,700 cubic yards of borrow; 70 linear feet of 12" storm sewer, 20 linear feet of 8" storm sewer, 500 linear feet of 6" underdrain and storm structures; 300 cubic yards of CABC 1 ¼", 2,000 square feet of 4" concrete sidewalk, 300 tons of HMA pavement; one bio-filtration pond and plantings; 450 linear feet of 10-foot chain link fence; 1,500 square yards of acrylic color finish, and site restoration.

This project is 75% Complete: \$349,205.23.

VI. MISCELLANEOUS CONTRACTS

A. Mossy Oak Storm Water Facility

This Contract includes construction of approximately 950 square yards of asphalt removal, 15 square yards of concrete sidewalk removal, apron endwall removal, 24,400 cubic yards of excavation, 2,000 cubic yards of imported fill, 4,700 cubic yards of Type A clay liner, 1,200 cubic yards of heavy rip rap, 35 linear feet of 8" PVC storm sewer, 120 linear feet of 18" RCP storm sewer, 120 linear feet of 36" RCP storm sewer, 140 linear feet of 48" RCP storm sewer, 85 linear feet of 48" HDPE storm sewer, 3 apron endwalls, 1 pond outlet structure, 2 antiseep collars, 48" and 60" diameter manhole construction, 350 ton of ¾" crushed aggregate base

course, 500 ton of 1 ¼" crushed aggregate base course, 650 ton of 3" crushed aggregate base course, 1,400 ton of open graded base course, 550 square yards of tied concrete block, 125 square feet of 6" concrete sidewalk and driveway, 190 tons of HMA pavement, construction staking and site restoration.

This project is 75% complete: \$871,639.77.

B. Traffic Signal Repair 2017

This Contract includes 1,250 linear feet of directional boring of PVC conduit, removal and construction of 12 concrete signal foundations, removal and construction of 10 pull boxes, concrete curb and gutter, sidewalk, pavement, and associated site restoration at locations throughout the City.

This project is complete: \$73,434.74.

UTILITY DIVISION

Utility Division personnel prepared two requests for quotations for the televising of sewers to determine the conditions of the sewers and the nature of repairs or replacement that was required. The first televising contract was for the sanitary and storm sewers for all streets that are scheduled for reconstruction or resurfacing. The second televising contract was for all the sanitary sewers located within a specific drainage basin. This has proven to be invaluable in determining the condition of sewers at these locations. Some new sewer installations are televised in areas where questionable load bearing soils are encountered. An analysis of the videotape can determine if any failure has occurred to the sewer. Between the two contracts, a total of 425,964 linear feet (80.7 miles) of sewer was televised in 2017 at a cost of \$364,208.44.

The Division also updates the City maps annually; maintains records of the location of sewer laterals; maintains "as-built" plans of street and sewer systems; and other records required for a Public Works Department to function effectively. Personnel scans the construction plans to make them more readily available to all DPW staff.

The storm water program continues to make progress towards meeting the Wisconsin Department of Natural Resources' permit requirements. Design continues on major storm water pond projects. Engineering personnel continue to investigate the causes of various reported high water instances on City streets and private property. Some of the causes are easy to identify and resolve, while other areas continue to be investigated and require substantial resources to fully resolve. Engineering personnel continue to investigate reports of illegal dumping of substances into the storm sewer system, also known as illicit discharges. This includes working with the responsible party to contain and clean up the discharges prior to it reaching waters of the State, and educating these parties about the impact of these events. In 2017, the City contracted with Kurt Schroeder to remove muskrats from 16 City storm water facilities. Stormwater personnel also continue to monitor the City's storm water facilities and storm sewer outfalls to prevent deterioration of the facilities. Storm water personnel have been working with multiple schools and neighborhood associations to encourage public participation and education relative to good storm water management behaviors. The "WDNR MS4 2017 Annual Report" is a listing of storm water activities undertaken and reported by the City to the WDNR for permit compliance.

In the summer of 2013, the City received an EPA administrative order for our sanitary sewer system. The order is requiring the City to prepare and implement a capacity, management, operation, and maintenance (CMOM) program. The City has developed a CMOM and is continually being implemented throughout DPW.

Engineering Division personnel are responsible for the administration of the Sewer Service Charge Ordinance. The ordinance addresses two types of users: non-monitored and monitored. The non-monitored users are billed directly by the Water Utility. Non-monitored customers' bills are computed using their water usage and pre-determined values for the strength of the sewage discharge. The non-monitored residential customers' quarterly water usage is based on the winter quarter water usage and adjusted yearly. The majority of the time spent on the administration of the Ordinance can be attributed to the monitored customers. Studies are conducted to determine which industries require monitoring, approve monitoring frequency and equipment, compile data for the computer billings, record and analyze all billing information, and meet regularly with customers. Personnel contracts with a consultant to collect samples and make laboratory analysis of sewage discharge for monitored customers.

Engineering Division personnel is also responsible for the review of site plans for new buildings and parking lots, issuance of excavation permits for sand and gravel pits, permits for the installation of utility transmission facilities (gas, electric, water, telephone, cable TV, etc.) in City-owned right-of-way, street excavation permits, street obstruction permits, newspaper vending machine permits, and the issuance of permits for the movement of oversize and overweight loads on all streets in the City.

TRAFFIC DIVISION

The Traffic Division of the Department of Public Works (DPW) is responsible for the study, engineering, design, installation, and maintenance of all City-owned traffic control systems and devices, and roadway lighting systems. In addition, the Traffic Division is responsible for all traffic-related studies for the Department. Traffic-related tasks are performed by 1) Traffic Engineering technical staff, 2) Street Section-Signing and Marking Shop, and 3) Traffic Division Electrical Section. Signing and Marking Shop and Electrical Section are managed through Operations Division, but their operations are funded through the Traffic Division budget. Activities of Signing and Marking Shop and Electrical Section are reported in the Operations Division section of this report.

Traffic Engineering technical staff consists of one (1) Traffic Engineer, one (1) Traffic Engineering Technician, and two (2) Seasonal Engineering Aides (May through August). The Traffic Engineer reports to the Assistant Director of Public Works. The Traffic Engineering Technician and Seasonal Engineering Aides report to the Traffic Engineer.

The Traffic Engineer oversees the day-to-day operation of the City's traffic signal systems including timings; determines appropriate intersection control; prepares and reviews engineering drawings and specifications for construction projects; conducts traffic studies (crash, speed zone, pedestrian, parking, street lighting, school zone, work zone, etc.); responds to complaints/suggestions from the public, other City staff, and City Council members; represents DPW at City Traffic, Bicycle, and Pedestrian Commission (formerly Traffic Commission) meetings; assists the Green Bay Police Department with public education and enforcement efforts; trains City

staff on proper temporary work zone traffic control practices; reviews and authorizes oversize and overweight vehicle permits (single trip permits); assists in coordination of traffic-related assignments for the Electrical Section, and Signing and Marking Shop; and maintains the official City ordinance indexes related to traffic and parking regulations.

The Traffic Engineering Technician performs duties similar to the Traffic Engineer, but spends more hands-on time with data collection, management of fieldwork assignments, real-time problem solving, CADD design, and traffic mapping. The Traffic Engineering Technician plans and coordinates DPW work activities for special events such as the Cellcom Marathon, Holiday Parade, Packers Home Games, July 4th Celebration, etc.; trains and supervises seasonal traffic engineering aides; designs and administers both in-house pavement marking and contracted traffic signal repair programs; maintains traffic maps and related records; designs public parking lots and on-street parking; functions in the capacity of the Traffic Engineer during their absence; and assists in the coordination of daily activities of the Electrical Section and Signing and Marking Section.

The two (2) Seasonal Traffic Engineering Aides primarily conduct intersection turning movement traffic counts, assist in the maintenance of the City's street sign inventory system, assist in maintaining the official City traffic and parking ordinance indexes, inspect the condition of City-owned street light poles, and conduct other engineering duties as assigned.

TRAFFIC SIGNAL AND STREET LIGHT REPAIR

Traffic signal work completed in 2017 was accomplished under 1) the Signal and Streetlight Repair Contract and 2) Developer's Agreement with AIG Properties. The following list identifies these locations:

- New construction of traffic signals at University Avenue and Clement Street
- New construction of traffic signals at University Avenue and University Way
- New construction of traffic signal interconnect system along University Avenue, from Clement Street to University Way
- New construction of Rectangular Rapid Flash Beacons (RRFB) at South Webster Avenue and Saint Vincent Hospital
- New construction of Rectangular Rapid Flash Beacons (RRFB) at South Webster Avenue and Bellin Hospital
- Reconstruction of traffic signals at South Webster Avenue and Cass Street
- Reconstruct of traffic signals at South Webster Avenue and Porlier Street
- Partial reconstruction of traffic signals at University Avenue and Sturgeon Bay Road (STH 54/57)
- Partial reconstruction of traffic signals at East Mason Street and Main Street

During 2017, Traffic Division completed numerous other maintenance, repair, and improvement projects to enhance roadway traffic and safety. Following is a list of the most significant of those projects:

1. Partial reconstruct of traffic signals at Lombardi Avenue and South Broadway
2. Planning and design for 2018 Traffic Signal Repair projects at 1) Walnut Street and Ashland Avenue, and 2) North Webster Avenue and Radisson Street
3. Planning and design for replacement of traffic signals, street lighting, and other pedestrian-related features along North Webster Avenue between University Avenue and Radisson Street (Scheduled for reconstruction in 2019)
4. Conducted multiple STOP, signal, adult crossing guard, speed, parking, and traffic safety evaluations and implemented their recommendations
5. Reviewed several Traffic Impact Analysis (TIA) reports associated with private developments
6. Developed a "Safe Routes To School (SRTS) for Non-Drivers Plan" proposal in cooperation with Green Bay Area Public School District (GBAPS) including consultant interviews; and began the SRTS process
7. Evaluated traffic signal and streetlight underground base details for updates
8. Provided construction field review services for temporary and permanent traffic control systems associated with University Avenue Festival Foods development
9. Completed driver feedback sign and adult crossing guard studies on South Monroe Avenue near Aldo Leopold School
10. Studied North Broadway (Walnut Street to Dousman Street) semi-truck traffic
11. Completed annual intersection turning movement traffic counting program (29 signalized intersections)
12. Evaluated and modified traffic signal timing programs
13. Performed structural inspection of all City-owned steel street light poles
14. Coordinated DPW activities related to citywide special events and Packers game day traffic control
15. Assisted Water Utility in design and implementation of temporary traffic control work zones for water main repair projects
16. Participated in Traffic, Bicycle, and Pedestrian Commission meetings, including preparation of meeting minutes, Council Reports, City index document updates, and implementation of physical signing and pavement marking changes
17. Continued development of City-wide streetlight database
18. Continued development of City-wide traffic sign database

OPERATIONS DIVISION

The Operations Division of the Department of Public Works (DPW) is responsible for 1) maintenance of all City streets, alleys and transportation-related amenities and appurtenances, 2) maintenance of flood control dikes, 3) collection and transportation of trash and residential recyclable material, and 4) acquisition, disposal, maintenance and repair of all DPW equipment and vehicles. Operations Division consists of the Street Section, Sanitation Section, Motor Equipment Section, Buildings and Grounds Section, and Administrative Section. The Operations Director leads activities of the Operations Division. Coordination of daily assignments in each section is managed by a Superintendent, who reports to the Operations Director. Sewer and Bridge Section falls under the direction of DPW Utility Division, and is led by the DPE Utility Manager. Operations Division works with Sewer Section to assure that they have all resources necessary to complete their tasks.

SANITATION SECTION

DPW Operations Division Sanitation Section is responsible for collection and transportation of most residential and some commercial solid waste generated within the corporate limits of Green Bay. Sanitation Section operates five (5) trash collection routes per day on the east side of the Fox River, five (5) trash collection routes per day on the west side of the Fox River, and two (2) bulky residential waste collection sites. An average of 483 tons of trash (25,093 total tons) were collected each week by DPW, and delivered to the Brown County Transfer Station for land filling during 2017. In addition, a total of 6,924 tons of recyclables were also collected. The trash tipping fee (paid to deposit trash in a landfill) was \$42.00 per ton.

Sanitation Section also removes white goods (refrigerators, stoves, washer, dryers, etc.) at curbside for a fee. During 2017, only 25 appliances were removed at the request of residents. Prior to 2011, DPW collected non-Freon-containing appliances at no charge. Beginning in 2011, a collection fee was instituted similar to that in other communities. As a result, DPW has seen a marked decrease in appliances set to the road for collection, the volume of appliances collected by the City has significantly decreased over the years.

City of Green Bay ordinance does not allow refuse and recycling materials to be set out earlier than twelve (12) hours prior to the beginning of the scheduled day of collection. Trash and recycling tipper carts can legally be at the curb from noon on the day before collection until noon on the day after collection. Despite the legal 48-hour set-out window, DPW must enforce violations of the early setout ordinance. When violations are identified, property owners are invoiced for DPW's actual cost of collection. Habitual violators can receive citations. Regular/routine enforcement continued throughout 2017, with 259 invoices sent for collection of early set-out trash and recycling.

With the use of tipper carts, bulk/special waste placed at the curb outside a tipper cart must be collected using a dump truck and loader. Bulk/special waste includes, but is not limited to, concrete, roofing material, carpet/flooring, other construction/remodeling debris, and large household items such as mattresses and furniture. During 2017, 2,033 stops were made to collect construction material and bulky waste set to the curb. Fees for collection of loose waste placed to the curb during 2017 were charged at the following rates:

- Up to three (3) cubic yards of household waste per address per project - \$70
- Three (3) to ten (10) cubic yards of household waste per address per project - \$140
- Over ten (10) cubic yards of household waste per address per project - \$210
- Building and construction waste - \$47 per cubic yard

The above rates were introduced to offset the cost of curbside bulk/special waste collections, which are above and beyond the standard scope of sanitation services offered by DPW. In addition, 22 waste concrete piles were removed at curbside and diverted from the landfill to a concrete recycler.

As noted above, DPW maintains two (2) bulky waste drop-off centers for residents to drop off their own waste material at no charge. DPW's bulky waste drop-off sites are intended to accept ONLY bulk household waste that is too large to fit in a trash tipper cart. Construction debris and overflow/regular bagged household waste is NOT accepted at these sites. During 2017, a total of 1,561 tons of bulk household waste and construction/demolition/remodeling debris were collected during 2,033 stops. Bulk waste volume decreased 1,226 tons from 2016 to 2017, primarily due to increased enforcement at both DPW bulk waste collection centers.

Residential recycling of paper, cardboard, plastic, glass, tin and aluminum is mandatory in the State of Wisconsin. All City residents are required to separate recyclable material from other solid waste and place it in a City-supplied recycling container for collection and proper processing. Sanitation Section operates six (6) recycling routes on the east side of the Fox River, and six (6) recycling routes on the west side of the Fox River to provide weekly sanitation collection service to residents. Recycling collection alternates on each side of the Fox River, using a bi-weekly collection process. During 2017, DPW collected 6,924 tons of recyclable material through its curbside collection program.

Prior to the introduction of recycling carts, 20.3% of solid waste collected by DPW was diverted to the recycling stream. During 2017, 21.6% of solid waste collected by DPW was diverted to the recycling stream, which was down 0.6% from 2016. Revenue from recyclables collected during 2017 varied between -\$5 per ton (charge) and \$20 per ton (revenue) with an average of \$8.33 per ton (revenue) over the entire year. Recycling revenue rates fluctuate with market values for various commodities. During 2017, domestic recyclable market rates were down significantly due to low petroleum prices. In addition, the plastic recycling market became volatile late in the year because Asian governments outlawed import of foreign plastic recycled material.

The total tonnage of solid waste collected (total of both trash and recyclables) reduced each year from 2003 to 2013, and bottomed out in 2013, in 2014 the total started to rise slightly but not markedly. DPW speculates that this is due to increased concern for the environment and economy. However, less packaging material is now used for consumer products, more recyclable material types are now accepted by the County. In addition, more consumers are recycling, selling, or donating their used-but-nice items instead of throwing them out.

Sanitation Section also collects brush on a routine basis. Brush crews are not scheduled unless a full day's work is available. 22,320 brush stops were recorded in 2017. The brush is chipped and hauled to one of two City-operated yard waste centers for processing and re-use.

During 2017, the City of Green Bay continued its yard waste-recycling program. This is a very popular program that includes maintaining and operating two (2) yard waste collection and composting facilities. One facility is located on the west side of the City at 1470 Hurlbut Street. The other facility is located on the east side of the City at 2530 East Shore Drive. Both sites are open to the public daily from April to December from 8:00 a.m. to sunset; and during the winter months on Saturdays and Sundays from 8:00 a.m. to sunset. Yard and garden waste and brush can be delivered to the sites by residents. The material is composted by DPW and a final compost product is made available at no charge to Green Bay residents and sold to vendors. The product is also sold to vendors and contractors for use as ground cover, boiler fuel, and lawn/garden nutrient manufacturing.

DPW also maintains two (2) waste oil recycling centers for public use, located at the West Side Municipal Garage (519 South Oneida Street) and at the East Side Municipal Garage (1820 Mills Street). Both locations are available to the public 24 hours per day, every day of the year. These sites are provided for Green Bay residents to drop off waste engine oil, transmission fluid, power steering fluid, hydraulic oil, gear oil, and other lubricants. Gasoline, fuel oil, and brake fluid cannot be left at the waste oil recycling centers. These services are for City residents only. DPW monitors its bulky waste and recycling facilities for compliance. Violators are turned away, invoiced for services, or issued a citation for noted violations.

DPW Operations Division Sanitation Section upon request from City of Green Bay Inspection Department also removed nuisance litter from 111 properties and secured 25 vacant properties in 2017.

SEWER AND BRIDGE SECTION (UTILITY DIVISION)

DPW Utility Division Sewer and Bridge Section are responsible for operation of three (3) lift bridges over the Fox River. These three bridges are staffed on a continuous basis from April 1 to December 1 of each year, and on an on-call basis depending on weather during the off-season. The Section is also responsible for maintenance of one of the three lift span bridges, and assists with maintenance on 23 fixed span bridges and 4 pedestrian bridges. During 2017, DPW completed the following number of bridge lifts over the Fox River:

1. Mason Street (Donald A. Tilleman) Bridge – 190 total lifts
2. Walnut Street Bridge – 441 total lifts
3. Main Street (Ray Nitschke) Bridge – 442 total lifts

In addition to the above, the Sewer and Bridge Section is responsible for maintenance of 466 miles of sanitary sewer, 516 miles of storm sewer, 33 sewer lift stations, 14 storm water sedimentation ponds and 16 storm water sedimentation units. Sewer Section maintenance responsibilities include, but are not limited to:

1. Steaming and flushing culvert pipes
2. Recording flow levels at 17 industrial/commercial sewage metering stations
3. Cleaning sewer lift stations
4. Flushing dead-end sewers
5. Cleaning sanitary sewers

6. Cleaning storm sewer catch basins
7. Repairing manhole and sewer inlet structures
8. Cleaning and maintenance of stormwater and sanitary surge tank systems at Lambeau Field
9. Maintenance and cleaning of one (1) recreational vehicle sanitary dumping station
10. Installation, removal, repair, and maintenance of City-owned boat docks at the City marina downtown and Metro boat landing at the mouth of the Fox River
11. Assisting with the City's snow plowing functions as necessary
12. Assisting with the City's curbside lawn and garden waste collection program during the spring and fall of each year

During 2017, the Sewers and Bridges Section inspected 1,275,215 feet of sanitary sewer, recorded 190 industrial sewage meter readings, responded to 179 sewer trouble calls, cleaned 4,776 storm sewer inlets, cleaned 41,248 feet of sanitary sewer pipe on the special grease/trouble spot list, repaired 388 sewer structures, and located 12,197 City-owned sewers for excavation activities conducted by utility companies and contractors.

DPW's goal has been to clean the entire sanitary sewer system once every five (5) years using existing staffing and equipment. The current plan targets older sewers in the core of the City where more frequent sanitary issues occur, cleaning sewers in the core of the City cleaned once every three (3) years. Newer sewers are intended to be cleaned at least once every six (6) years. The City is also utilizing contracted services to assist with sewer cleaning as necessary.

With the use of a device called the "S-L Rat" during the past several years, Sewer Section has greatly improved the efficiency and effectiveness of sewer cleaning operations above current goals. The S-L Rat can quickly identify which sewer lines need cleaning before cleaning equipment is placed into the sewer pipe. This saves significant time and allows Sewer Section to clean only the pipes that need to be cleaned. Previously, all pipes were cleaned whether they needed it or not; which burned valuable time that could be spent on sewers that needed cleaning.

Delays in pipe cleaning can lead to increased risk of sewer back-ups. The revised (S-L Rat) sewer cleaning program now allows Sewer Section to visit all sanitary sewer pipes on approximately a two-year interval, and clean those more often. Prior to 2011, issues in the City's sewer system were responsible for approximately twenty-five percent (25%) of all sanitary sewer related issues. In 2017 that rate dropped to just over six percent (6.15%).

MOTOR EQUIPMENT SECTION

DPW Operations Division Motor Equipment Section is responsible for specification, acquisition, maintenance, repair, and disposal of all DPW equipment. Preventive maintenance and repair is performed on a wide variety of vehicles and equipment including but not limited to road graders, front end loaders, dump trucks, garbage compactor units, recycling trucks, excavators, leaf vacuums, tub grinder, tractors, street sweepers, brush chippers, pickup trucks, vans, automobiles, chain saws, lawn mowers, and weed eaters. Repairs are also made to equipment from other City departments on a time and materials basis. Thirteen (13) Mechanics and two (2) Parts Clerks are involved in DPW's equipment repair and maintenance process. The Motor Equipment Section is also responsible for seasonal change-over of equipment for snow and ice control, leaf collection, street cleaning and other projects completed by DPW.

DPW's equipment preventive maintenance program includes a computerized asset management system to 1) record parts and labor expended on each piece of equipment, 2) identify mechanical issues, 3) report when equipment needs to be serviced, 4) manage life-cycle costs, and 5) determine when equipment should be replaced. An in-house engine oil testing program is also in place, which includes oil-sampling at prescribed maintenance intervals. Used oil testing identifies many things about internal combustion engine wear and efficiency. It also identified that DPW can safely extend the oil drain intervals for its fleet, which saves money in the preventive maintenance program.

During 2017, DPW vehicles traveled in excess of 1,000,000 miles. To accomplish this task, 196,987 gallons of diesel fuel; 30,774 gallons of unleaded gasoline; 1,964 gallons of motor oil; 1,221 gallons of hydraulic fluid; 34 gallons of transmission fluid; 419 gallons of antifreeze; 1140 pounds of grease; and 101 gallons of gear oil were dispensed. Engine oil usage is down from previous years due to an oil sampling program, and resulting changes in DPW's preventive maintenance program discussed above. Grease usage is up over previous years due to increased training and activity in maintenance of equipment with grease fittings and moving parts.

Motor Equipment Section is also responsible for preparing specifications for the purchase of new and replacement equipment each year. After new equipment is received, it is verified that it meets all bid specifications. The 2017 DPW equipment replacement program involved specification, build coordination, acquisition, and inspection of the following equipment and vehicles:

- 2 – Fully automated refuse trucks
- 2 – Trailer-mounted changeable message boards
- 2-V-Box auger salt spreaders
- 4-Small SUV's
- 1-1/2 ton pickup
- 1-Road shoulder conditioning machine
- 1-Mastic melter trailer
- 1-Aerial lift truck
- 1-Band saw with coolant
- 1-Drill press with coolant
- 47-AVL devices
- 1-18 ton 2 post truck hoist
- 1-HVAC monitoring system upgrade

DPW purchased less equipment in 2017 than during previous years. The downward trend in equipment replacement is associated with reduced funding available for equipment replacement, and increasing purchase price of commercial vehicles due to increasing emissions equipment and steel prices. Increasing prices are also associated with increasing service life of modern equipment; longer equipment service life is associated with manufacturer research and development efforts. DPW continues to do its best while still working under a constrained equipment budget. Repairs continue to be made to older equipment until it is economically impractical or unsafe to maintain the equipment.

BUILDINGS AND GROUNDS SECTION

The Fleet Manager also serves as DPW's Buildings and Grounds Superintendent. The Buildings and Grounds Section currently includes a staff of four (4) Building Maintenance Technicians, with assistance from other DPW Operations Division sections as needed to complete projects. Building Maintenance Technicians work rotating shifts that provide 24/7/365 coverage for emergency response and proper care and maintenance of DPW facilities. Around-the-clock Building Maintenance Technician coverage provides DPW first responder assistance for emergencies such as sewer back-ups, snow/ice issues, water breaks, and Fire and Police Department emergency calls.

STREET SECTION

DPW Operations Division Street Section is responsible for maintenance of 456 miles of street, 22 miles of alley, 4 miles of flood-control dike, and 2 yard waste centers. Maintenance responsibilities include, but are not limited to, snow plowing, snow removal, ice control, street sweeping, dust control, leaf collection, pavement repair, street amenity maintenance and repair, joint and crack sealing, ditch cleaning, rural roadway shoulder repair, greenway clearing and cleaning, grass/weed cutting, downtown banner/flag/Christmas decoration maintenance, and other labor tasks associated with maintaining items located within City street right-of-way. Street Section is also responsible for daily supervision of the Signage and Marking Shop. Signing and Marking Shop is a part of Street Section, but conducts work as assigned by Traffic Division.

During 2016, Operations Division Street Section completed numerous projects. Following is a list of the most significant Street Section projects:

1. Completed 6 full snow plow operations
2. Conducted 32 ice control operation
3. Collected over 100,000 cubic yards of curbside yard and garden waste and processed it into compost at the two yard waste sites. Completed 4 collection rotations in the spring and 7 rotations in the fall. Made 1147 leaf bales.
4. Applied 81,430 pounds of rubberized joint/crack filling sealant to local roadways. The crack sealant is utilized to extend the life of the road through preventative maintenance.
5. Applied 102,080 pounds of special mastic in longitudinal joints on East Mason Street (Challenger to Alpine), and on Newberry Avenue, Deckner Avenue, West Mason Street, 12th Avenue, South Point Road, and various bridge decks
6. Repaired 273 roadway utility cuts following sewer and water repairs, using 1,781 tons of asphalt hot mix
7. Repaired 173 mailboxes damaged during the winter during snow/ice control operations
8. Cleaned branches, garbage and debris 5 times out of 53 greenway sites and 74 culvert locations
9. Filled 26,116 potholes. The number of potholes filled has significantly increased over annual totals dating back to 2009. This is related to removal of old/failed asphalt spray-patch material on Humboldt Road.
10. Swept the equivalent of 20,375 miles of street, completing 17 rounds of sweeping throughout the City. Sweeper hoppers were emptied 3,501 times after being filled with debris. Street sweeping is done to remove small sediment particles, and prevent them from reaching lakes

and streams. Those particles remain suspended in the lakes and streams, and do not settle out. DNR mandates the need for street sweeping.

11. Repaired gravel shoulders on rural roads within the City limits. Shoulders are re-graded annually to prevent the edge of blacktop pavement, so they do not crumble or crack. Asphalt pavement condition is dependent on the condition of the gravel base and shoulders.
12. Inspected all sandbags, and replaced 250 sandbags. Sandbags are kept on hand to deploy on short notice. They are used to dam high water and/or flood events. Sandbags are also used for barricade ballast during strong winds.
13. Installed and maintained 1,900 feet of snow fence at 9 locations, and traction sand boxes at 7 locations.
14. Provided equipment storage for City voting machines, and work space for Clerk's Office poll workers
15. Trimmed trees and removed brush in overgrown alleys twice, to accommodate safe and efficient maintenance activities and traffic flow
16. Repaired numerous terraces due to inadvertent curbside lawn and garden waste collection and snow plow damage
17. Hosted the WI Chapter APWA Snow Plow Rodeo
18. Organized and managed weed control contract for primary street pavement joints, medians, and terraces.
19. Completed 7 rounds of grass cutting in public street right-of-way, and on DPW-maintained properties; with some parcels requiring more frequent cutting.
20. Tagged 670 properties for long grass/weed complaints, and cut grass/weeds on 508 properties. If a property does not comply with City ordinance, DPW cuts the grass/weeds and an invoice is sent to the property owner.
21. Cleared snow/ice from sidewalk on 78 properties. City ordinance requires that if snow/ice is not cleared from sidewalks within 24 hours after a winter event, DPW will clear the sidewalk and invoice the property owner. DPW performs this service on complaints only.
22. Provided traffic control at 11 Packer games (8 regular season games, 2 pre-season and 1 family event)
23. Secured numerous properties for RDA, Police Department, and Inspection Department
24. Completed hundreds of employee hours of training including but not limited to winter maintenance, tractor operation, backhoe operation, salt spreader operation, and snow plow equipment.
25. Shoveled all intersections crosswalks that were staffed by crossing guards to make the areas safer for the children.
26. Assisted with set-up and removal of the July 4th celebration and Holiday Parade.
27. Completed 2 seasonal changeovers for Christmas decorations and July 4th decorations. Installed banners, flags, and Christmas decorations at 200 locations. Replaced pole banding at 100 locations in the downtown and Olde Main St. districts.
28. Inspected the flood control dike along the Bay of Green Bay, to ensure structural integrity in the event of high water, flooding, and high wind.
29. Assisted Park Department with clearing brush and trees in nature areas and along the dike at the north end of Military Avenue.

SIGNING AND PAVEMENT MARKING SECTION

Signing and Pavement Marking Section is a sub-section of DPW-Operations Division Street Section. This section includes five (5) full-time employees; with help from seasonal/summer employees during the pavement marking season. Signing and Pavement Marking Section is responsible for installation and maintenance of all official traffic signing and pavement marking in the City. It is also responsible for installing and maintaining work zone traffic control devices for DPW activities. Signing and Pavement Marking Section work orders are generated by both Traffic Division and Operations Division.

In addition to responsibilities noted above, the Signing and Pavement Marking Section also maintains pavement markings for the communities of Allouez, De Pere, and Bellevue through inter-governmental agreements. Those communities reimburse the City of Green Bay for material, equipment usage, and labor required to complete pavement marking work. The City of De Pere began its inter-governmental pavement marking agreement with the City in 1989. The Village of Bellevue began its inter-governmental pavement marking agreement with the City in 2010. The Village of Allouez began its inter-governmental pavement marking agreement with the City in 2015.

During 2017, Signing and Pavement Marking Section applied 4,815 gallons of pavement marking paint and 36,000 pounds of reflective glass beads. These materials were used to mark 58 miles of De Pere streets, 15 miles of Bellevue Streets; and 315 miles of Green Bay streets. Green Bay pavement marking tasks including painting 344 intersections with crosswalks, 109 school legends, 110 intersections with stop bars, 318 directional arrows, and 255 bicycle symbols. This section also installed and replaced approximately 2,000 signs due to normal replacement, traffic crash repair, and vandalism.

The Signing and Pavement Marking Section exclusively uses 3M Corporation high visibility retro-reflective sign sheeting (DG³ sheeting) for all new and replacement traffic signs. This material provides supreme durability, longevity, visibility, and motorist guidance during both daytime and nighttime hours. Name-of-street identification signs have also been enlarged along arterial streets to improve motorist readability.

In 2009, the technique of relief grinding concrete pavement prior to painting was employed in critical areas. Although more time consuming than just re-painting work lines, this process allows less wear from vehicle tires and snow plows by recessing pavement markings slightly below the surface which translates into longer pavement marking life. The use of thermoplastic (hot-applied) pavement markings is employed at high traffic locations as budget allows. Thermoplastic material has a high resistance to wear and abrasion, and provides a long service life. In addition to using thermoplastic pavement marking material, Signing and Pavement Marking Section also uses high-solids long-life paint on crosswalks and stop bars, where vehicle travel over the lines regularly.

Traffic signs continue to be installed using a unique break-away V-loc™ system. This installation method causes less damage to vehicles and sign assemblies when hit, and makes sign post repair/replacement easier and less costly. V-loc™ sign installations are less expensive to replace because the part of the assembly in the ground typically sustains no damage. All traffic signs that have a high risk of being hit by errant vehicles (like KEEP RIGHT signs in medians) are installed using the V-loc™ system.

In addition to the above activities, the Signs and Marking Section completed numerous traffic counts, and 175 traffic control/barricading projects during 2017. Signs and Marking Section installs and maintains barricades and traffic control devices for all Green Bay Packers home games, as well as street closures for Artstreet, July 4th festivities, Holiday Parade, weekly Farmer's Markets during summer months, other special events, and DPW maintenance activities that occur within public street right-of-way. Signs and Marking Section also assisted Planning Department by installing multiple Neighborhood Association identification signs.

ELECTRICAL SECTION

DPW Electrical Section consists of six (6) full-time Electricians, with assistance from other DPW employees as needed. This section is responsible for the maintenance and repair of City-owned traffic signal and data transmission equipment at 103 intersections and 27 flashing beacon installations. The Electrical Section is also responsible for maintenance of electrical equipment in all City-owned buildings, parks, parking ramps, 33 sewer lift stations, the City Deck, and the Main Street Bridge over the Fox River. The other two lift bridges over the Fox River are owned by the State of Wisconsin, and maintained by WisDOT and others. In addition, Electrical Section installs and maintains the network of City-owned data transmission, and traffic signal coordination networks.

The Electrical Section is instrumental in reducing City costs by performing services for all City departments, ranging from design and installation to maintenance and repair of City-owned electrical systems. Items maintained by the Electrical Section include but are not limited to traffic signals, roadway lights, walkway lights, parking access and revenue control system (PARCS) equipment, lighting controls, electrical power distribution systems, data cable networks, sewer lift stations, amusement park rides, building electrical services, HVAC equipment, and other commercial equipment; as well as project planning and plan review for all of these systems.

During 2017, Electrical Section completed numerous projects. Following is a list of the most significant Electrical Section projects:

DPW Projects:

1. Completed 114 annual traffic signal controller inspections and tests for City of Green Bay and City of De Pere traffic signals
2. Repaired and/or replaced 208 damaged traffic signals and traffic signal cable/wiring faults
3. Adjusted 54 traffic signal timing and flashing beacon programs, to accommodate special event, road construction, school and other traffic needs
4. Ordered hardware and materials, and reconstructed three (3) traffic signal installations (Main/Mason, Webster/Porlier, Webster/Cass)
5. Per agreement, responded to numerous traffic signal repair requests for Brown County DPW and City of De Pere
6. Installed three (3) traffic signal video vehicle detection systems (Mason/Main, Webster/Porlier, Webster/Cass)
7. Assisted with traffic signal and traffic signal data network planning (Main/Mason, Webster/Porlier, Webster/Cass)

8. Designed and installed metered street lighting electrical systems including poles, and fixtures (300 to 500 blocks of Pine Street, 300 block of North Madison Street)
9. Upgraded traffic signals and poles to overhead mounting (Lombardi/Broadway, Mason/Fisk)
10. Installed LED streetlight fixtures, and converted them to metered operation (Mason/Main, Webster/Portier, Webster/Cass)
11. Drafted and submitted incentive/rebate requests for WI Focus on Energy for numerous LED lighting projects
12. Repaired architectural tree lighting outlets and fixtures (Broadway)
13. Repaired and/or replaced 71 streetlight poles/fixtures
14. Drafted specifications and assisted with design of sewer lift station control (Mather)
15. Assisted with sewer lift station pump and pump control system repairs
16. Replaced fluorescent and HID lighting with LED lighting in DPW buildings
17. Drafted specifications, and assisted with purchase and installation of new Parking Access and Revenue Control System (PARCS) equipment in downtown ramps and Adams Street Lot
18. Drafted specifications and assisted with purchase and installation of LED lighting and wireless control system in Cherry Street Ramp
19. Removed and re-installed numerous light fixtures to accommodate parking ramp deck repairs
20. Repaired numerous control system faults on Main Street Bridge
21. Reviewed and/or marked approximately 12,000 Digger's Hotline underground facility marking requests
22. Updated and maintained electrical materials and specifications databases
23. Installed approximately 9,000 feet of data network cable

Projects for other City departments:

1. Drafted specifications for Train Depot and Train Storage Building electrical systems at Bay Beach
2. Review plans and specifications for concession stand and ice cream parlor projects at Bay Beach
3. Installed underground conduit system for distribution panel replacement project at Edison Park
4. Installed underground conduit system for distribution panel and baseball field lighting project at Beaver Dam Park
5. Installed electrical service and distribution equipment at Arnie Wolf Sports Complex
6. Assisted with numerous equipment repairs at Bay Beach
7. Completed numerous remodeling and repair projects for Fire Department
8. Installed power system for 1 new public warning system siren
9. Installed data network cable system for City Hall remodeling project
10. Assisted Mason Manor with installation of LED parking lot lighting.

COMMUNICATIONS AND ELECTRONICS SECTION

The Communications and Electronics Section consists of one (1) Communications and Electronics Technician, who originally developed the section in 1988, and continues to serve in that capacity. This section is managed by Operations Division and funded by Traffic Division. Communications and Electronics Section is responsible for the specification, installation, maintenance, and repair of City-owned two-way radio equipment, public address systems, and closed circuit video systems. Equipment responsibilities include all City departments, Water

Utility, and Brown County Drug Task Force. Most Police Department radio equipment is installed and serviced by others. Two-way radio equipment maintained by Communications and Electronics Section includes four (5) repeater systems, forty-four (44) control bases, twenty-six (26) mobile data terminals, eighty-six (86) radio remote units, (534) mobile radios, (504) portable radios, associated antennas, cabling and transmission lines. The Communications and Electronics Section also works with the I.T. Department on telecommunications system and data transfer issues as requested.

During 2017, the Communications and Electronics Section responded to over 300 official service requests in addition to miscellaneous repairs that occur every business day. Equipment service begins at the time of initial installation, and continues with planned maintenance, re-programming, and repairs necessary to keep it functioning. Repair requests are handled predominantly in-house. Warranty repairs are sent to the manufacturer or an authorized vendor. Some non-warranty repairs are sent to outside vendors due to limited time/resources of this one-person section.

Operations Division Communications and Electronics Section completed numerous repairs and projects during 2017. Following is a list of the most significant Communications and Electronics Section projects:

1. Completed over 300 service/repair orders
2. Programmed and completed firmware updates to radio system for Fire Department
3. Continued upgrading mobile data modem equipment for Fire Department
4. Provided radio repair and programming services to Brown County Drug Task Force
5. Reconditioned hundreds of portable radio batteries to extend battery life and reduce replacement costs
6. Upgraded communications and P.A. system equipment for Fire Department
7. Researched, and coordinated demonstration project for UHF digital communications system, in preparation for DPW radio system upgrade
8. Researched and upgraded Fire Department's mobile data terminal antennas
9. The Communications and Electronics Technician continues to be an active member of the Fire Department Vehicle Committee
10. Upgraded communications and P.A. systems for DPW
11. Reprogrammed all 55 radios for Transit in conjunction with interoperability project
12. Researched, specified, ordered, and programmed seventeen (17) portable DMR radios for DPW
13. Continued repair and upgrade project for mobile radio handsets for Transit
14. Worked with Fire Department and vendor on two (2) new ambulances, so communications and electronics equipment could be ordered and installed at build time
15. Researched, ordered, and installed equipment for four (4) laptop computers in Inspection Vehicles
16. Repaired and reprogrammed twenty-two (22) portable radios for Bay Beach.

PARKING SYSTEM DIVISION

Green Bay's Parking System Division is a subdivision of the Department of Public Works. Parking Division operates four (4) parking ramps (Main Street Ramp, Pine Street Ramp, Cherry Street Ramp, and River Ramp) containing a total of 3,488 stalls, and one off-street gated parking facility (Adams Street Lot) containing 122 stalls in the core of the downtown area. In addition, Parking Division owns and/or operates 13 parking lots with a total of 734 total stalls; and 710 metered stalls in and adjacent to the downtown area.

Parking Division is led by a Parking Manager who develops and oversees budget, policies, strategies, and practices of the division. A Parking Division Superintendent oversees and coordinates daily field activities including facility and equipment maintenance, parking enforcement, security, safety, training, and website administration activities. An Administrative Division Supervisor oversees office staff, coordinates processing of revenues and citations, and manages established parking agreements. Parking Division currently consists of 20 regular employees and summer/seasonal employees divided among supervision, clerical, equipment maintenance, enforcement, and custodial duties. During 2017, cashier staff was eliminated in association with installation of new automated Parking Access and Revenue Control System (PARCS) equipment.

Parking Division is responsible for operation and maintenance of all City-owned off-street parking facilities and on-street meters. During 2017, Parking Division collected revenue in the following amounts:

Parking ramps	\$1,182,176
Parking lots	\$210,915
Parking meters	\$306,933
Parking citations	\$851,940
Interest	\$0
Service fees	\$8,543
Miscellaneous	<u>\$35,220</u>
TOTAL:	\$2,595,727

Due to ongoing developments and business retention activities, it is important for Parking Division to keep up with downtown parking issues and needs. To assist in this area, Parking Division maintains a strong working relationship with Downtown Green Bay, Inc. (DGBI), Olde Main Street, Inc. (OMSI), and On Broadway, Inc. (OBI) to:

- 1) Help them supplement public relations with business operators and parking patrons
- 2) Cooperatively educate the public on parking rules and initiatives

Due to its home base location in the downtown area, Parking Division (on behalf of the Parks, Recreation and Forestry Department) has agreed to maintain 83 planters along downtown streets and on the CityDeck. These planters enhance the attractiveness of downtown pedestrians, motorists, visitors, and developers. Parking Division cannot commit to perpetual care and maintenance of the Park Department planters because this service is outside of Parking Division core services as a parking operator. Assistance will continue to be provided as long as Parking Division core functions and budget are not adversely affected.

During 2013, Parking Division sanctioned a downtown parking study to identify functions that can be improved, and document trends and needs for future parking in the downtown area. The study's report was approved and an action plan was drafted in 2014 to effectuate recommendations of the study. The majority of the recommendations were implemented. One study recommendation that has not been completed yet is identifying a feasible site for a new parking ramp in the northern part of downtown. Parking Division continues to closely monitor downtown parking trends and needs. When the need for additional parking solidifies, a decision for future ramp construction will be made.

In June of 2017, Parking Division implemented a pay-by-phone parking fee payment program. The Smartphone pay-by-phone app is a very popular trend in the parking industry. Because most people do not carry large amounts of cash and change with them anymore, the app allows parking patrons to subscribe to an online service, and pay parking fees through their Smartphone without the need to carry cash. Additionally the pay-by-phone app can send text messages to parking patrons prior to meter expiration, to reduce the chances of receiving parking citations for expired meters. Parking meter time cannot be extended. However parking patrons parked in the Adams Street Lot can remotely extend their parking session. The pay-by-phone program also reduces Parking Division staff time associated with collecting coins from parking meters.

During 2017, the pay-by-phone app was used for 30,534 transactions with gross revenues of \$56,845. Regionally, the cities of Appleton and Fond du Lac also implemented a pay-by-phone app from the same company (Passport Parking, Inc.). This allows parking patrons travelling between the communities to use the same app on their phone while keeping expenses for the various communities separate.

Due to the age (15 years) and failing condition of the current PARCS (Parking Access & Revenue Control System) equipment, all equipment was replaced, resulting in elimination of Cashier staff and automation of the Pine, Main, and Cherry Street parking ramps. While no changes were made to the Ramp rate structure, the entrance/exit gates are now operational 24/7. This change has increased revenue and security in the ramps because 1) motorists can't enter during charge periods and exit for free after gates go up, and 2) motorists don't travel through ramps aimlessly because they may have to pay for parking. Transient parking patrons have three options for payment:

1. Credit/debit cards are accepted at exit gates for quick efficient exiting
2. Cash/coin is accepted at pay stations. A "paid" receipt is generated which is scanned at the exit for quick departure
3. Vouchers (distributed by downtown businesses and the KI Convention Center) can be scanned at exit gates along with the entry ticket, for quick departure

During the transition to automated PARCS equipment, existing Ramp Cashiers served as "ambassadors" to educate and assist parking patrons. The new PARCS equipment has cameras and intercoms at the gates and to facilitate real-time interaction with Parking Division staff on a 24/7 basis, for improved customer service.

Parking Division has maintained the Green Bay Gold parking program since November of 2001 at all of its facilities. Due to lack of participation, the parking token portion of the program was discontinued in 2017. This program currently allows only the following perks:

- No-charge parking on weekends, holidays, and after 6:00 p.m. on weekdays
- First-hour no-charge parking in all parking ramps

The Green Bay Gold program benefited downtown customers and businesses when there were more retail stores in the downtown area. However, retail establishments and evening parking volume has dwindled since 2001. The majority of businesses in the downtown area are now open only during weekday hours. The resulting lack of interest by business operators led to elimination of the Green Bay Gold parking program. However, if businesses wish to offer parking incentives for customers, Parking Division offers a parking voucher program whereby participating businesses can be invoiced for their customer's parking fees.

For several years, Parking Division has been researching the feasibility of replacing all 434 metal halide light fixtures in the Cherry Street Ramp with an energy-efficient, motion detecting LED lighting system. This project came to fruition during 2017. When pedestrian or vehicle movement is detected in a parking bay, lights in that bay go to maximum illumination. During times when no motion is detected, the lighting system will reduce illumination to 25%. The project's cost was \$259,970. However, the City received over \$67,000 in rebates from WI Focus on Energy AND realized an 88% reduction in electrical usage for the Cherry Street Ramp.

Associated with its commitment to provide clean and safe parking facilities to the citizens and visitors of Green Bay, Parking Division expended \$510,000 during 2017 for structural repair of the Pine Street Ramps. Repair of deteriorated parking ramp concrete and installation of traffic wear coatings over repaired areas 1) minimizes future deterioration, and 2) maximizes traction for pedestrians and vehicles under all weather conditions. In addition to surface repairs, Parking Division continued an aggressive effort of maintaining parking facilities by high pressure power washing, painting, litter control, spider/bug control, and landscape maintenance.

One of Parking Division's significant maintenance challenges during 2017 was maintenance of River Ramp, which was taken into custodianship by Parking Division in 2015. River Ramp is a 160 stall private parking ramp, built in 2011 in association with the Children's Museum Building. It was built without PARCS equipment, so access and revenue control cannot be managed like a typical parking ramp. River Ramp parking is managed with a mix of signed/dedicated parking stalls, hang tags, and parking meters.

In addition, the original owners had not maintained the facility to parking industry standards. Parking Division has expended money since 2015 to keep River Ramp in decent condition. During 2017, \$38,000 was spent on ramp repairs. The City may assume ownership of River Ramp in 2018, depending on the results of certain downtown agreements.

During 2017, Parking Division completed numerous projects in addition to those noted above. Following is a list of the most significant Parking Division projects:

1. Issued 26,570 parking citations as follows:
 - 9,054 violations (\$15 rate for meter and time zone violations)
 - 17,109 violations (\$25 rate for no permit, no parking, night parking violations)
 - 2,999 violations (\$35 rate for tow zone, fire hydrant, snow emergency and trespass violations)
 - 2 violations (\$100 rate for heavy vehicle night parking violations)
 - 100 violations (\$100 rate for handicap parking violations)
2. Updated the Parking Division website
3. Painted all pavement markings in all four (4) parking ramps, and parking lots
4. Continued an aggressive cleaning program in parking ramps to eliminate roosting pigeons, nesting debris, and bird droppings. Installed bird deterrent systems on overhead beams to eliminate bird roosting and associated droppings.
5. Improved safety culture by updating chemical safety, high visibility work clothing, job safety analysis, and safety training programs
6. Trained Inspection Division and Police Department staff on proper parking enforcement practices
7. Maintained the pedestrian skywalk connecting Main Street Ramp to the KI Convention Center, including repairs as necessary
8. Completed 32 snow and/or ice removal operations. Six (6) events had snow accumulation of over three (3) inches, which requires the assistance of a contracted snow plow vendor. A typical snow removal operation includes clearing snow from parking lots, sidewalks, ADA ramps, stairs, and elevator landings. It also requires clearing blown snow from ramp interiors, applying ice control agents, hauling snow from ramp roofs, and maintaining pathways between the street and parking meters.
9. Two (2) snow emergencies were declared, which required Enforcement Officers to cite and remove vehicles from the streets in advance of snow removal operations.

ADMINISTRATIVE DIVISION

Under the direction of the Director of Public Works, the Administrative Division provides necessary budget management, payroll, parking citation and rental management, and clerical support services for the Department of Public Works. The employees in this division track finances and complete administrative and clerical tasks requested by members of the City's largest department. In some instances, staff members generate and prepare their own daily assignments within prescribed policies and procedures of the department. Duties performed by the division include:

1. Tracking general and specialized accounts from 3 revenue-generated budgets, a tax-generated budget, and from Federal and State grants;
2. Administering bi-weekly payrolls, workers compensation, and from tax-based budget and 3 revenue-generated budgets for departmental employees;
3. Generating, organizing, processing, distributing and maintaining a variety of written departmental materials;

4. Selling solid waste/recycling containers;
5. Updating and distributing contractual bidding documents;
6. Preparing requisitions, change orders, and receiving on payments owed;
7. Processing and distributing meeting agendas and minutes for alderpersons and citizen member committees and commissions supervising the department;
8. Directing incoming callers and persons to appropriate staff;
9. Issuing permits for a variety of street and property work;
10. Issuing various invoices;
11. Processing documents for the purchase and payment of equipment, materials, tools and supplies;
12. Keeping records of various monthly fees paid;
13. Tracking various records using databases and spreadsheets;
14. Generating and maintaining public notices and newsworthy items on the Department's website and official newspaper;
15. Issuing monthly parking passes, collecting of parking citations and monthly fees; and
16. Applying for, maintaining records for, and meeting reporting requirements for intergovernmental revenues.

2017 PUBLIC WORKS BUDGET

<u>ACCOUNT</u>	<u>SECTION</u>	<u>AMOUNT</u>
101 50 500	Engineering	\$1,234,785.00
101 50 503	Operations	\$13,596,422.00
101 50 504	Traffic	<u>\$3,493,779.00</u>
	TOTAL:	\$18,324,986.00
201 50 520	Sanitary Sewer District Budget	\$24,325,816.00
202 50 505	Parking Division	\$2,755,356.00
205 50 525	Storm Water Utility	\$5,733,772.00



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # D.6.

Consideration with possible action on request by the Department of Public Works to amend General Ordinance No. 16-18, Section 8.11(4)(a), Green Bay Municipal Code, relating to Unmanaged Plant Growth.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. DRAFT GO 16-18 - Amend 8

GENERAL ORDINANCE NO. 16 -18

AN ORDINANCE
AMENDING SECTION 8.11(4)(a),
GREEN BAY MUNICIPAL CODE,
RELATING TO UNMANAGED PLANT GROWTH

THE COMMON COUNCIL OF THE CITY OF GREEN BAY DO ORDAIN AS
FOLLOWS:

SECTION 1. Section 8.11(4)(a), Green Bay Municipal Code, is hereby amended
to read:

(4) UNMANAGED PLANT GROWTH

(a) A person owning, occupying, or controlling any ~~residential lot or
property adjacent to or adjoining a residential lot~~ land shall cut and remove
any unmanaged plant growth on the land.

SECTION 2. All ordinances, or parts of ordinances, in conflict herewith are
hereby repealed.

SECTION 3. Effective date. This ordinance shall take effect on and after its
passage and publication.

Dated at Green Bay, Wisconsin, this _____ day of _____, 2018.

APPROVED:

Mayor

ATTEST:

Clerk

KKJ

7/17/18



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # D.7.

Report of actions taken by Department of Public Works

A. Award of contracts

1. To approve the contract PAVEMENT 2-18 (METRO TRANSIT DRIVEWAY) to the low, responsive bidder, Peters Concrete Co., in the amount of \$82,355.

2. To approve to award SEWERS 5-18

Part A was not awarded.

Part B to the low, responsive bidder, Visu-Sewer, Inc., in the amount of \$318,798.90.

B. Granting of Licenses

N & L Concrete Const. LLP

C. Real estate acquisition for Webster Avenue

1. Agreement for Purchase (Parcel Number, Address, Owner Name, Amount)

22, 1005 Berner Street, Ronald Tordeur, \$84,000

2. Relocation Payments (Parcel Number, Address, Owner Name, Amount)

2a, 816 N. Webster Avenue, Maria Hernandez, \$950

2a, 816 N. Webster Avenue, Maria Hernandez, \$7,050

2a, 816 N. Webster Avenue, Maria Hernandez, \$1,140

7a, 1108 N. Webster Avenue, Anthony Shea, \$6,450

10, 1032 N. Webster Avenue, David & Jeanne Klaus, \$1,350

14a, 101 Day Street, Jenny Sill, \$1,350

14b, 1001 Day Street, Rebecca Eckhardt, \$5,700

14b, 1001 Day Street, Rebecca Eckhardt, \$1,140

15, 916 N. Webster Avenue, Craig Process, \$2,147

22a, 1005 Berner Street, Regina Donaldson, \$375

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

1. Bid Summary - Public PAVEMENT 2-18 (METRO TRANSIT DRIVEWAY)
2. Bid Summary - Public SEWERS 5-18

CITY OF GREEN BAY, WISCONSIN

SUMMARY OF BIDS FOR CONTRACT

PAVEMENT 2-18 (METRO TRANSIT DRIVEWAY)

Tuesday, June 19, 2018

Contractor	Bid	Bid Bond
PETERS CONCRETE CO.	\$82,355.00	5%
Any questions, call 920-448-3100		

CITY OF GREEN BAY, WISCONSIN
SUMMARY OF BIDS FOR CONTRACT

SEWERS 5-18 (BASIN REPAIRS)

Tuesday, June 12, 2018

Contractor	Part A	Part B	Bid Bond
VISU-SEWER INC.	NO BID	\$318,798.90	5%
JOSSART BROTHERS INC.	\$663,136.00	NO BID	5%
INSITUFORM TECHNOLOGIES	NO BID	\$328,600.20	10%
TERRA ENGINEERING & CONSTRUCTION CORP.	NO BID	\$337,288.00	5%
MICHELS CORPORATION	NO BID	\$396,777.00	5%
Any questions, call 920-448-3100			



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # D.8.

Consideration with possible action on report of the Purchasing Manager:

Request approval to purchase streetlight poles and related equipment from Neher Electric for \$74,152.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

1. 7-11-18 IS Streelight Poles Equipment - Purchasing Mgr



CITY OF GREEN BAY - PURCHASING DIVISION

TO: I & S Committee
FR: Rick Jensen, Purchasing Manager
DT: July 11, 2018
RE: Purchasing Report
Cc: Steve Grenier, James Brunette, Chris Pirlot, Diana Ellenbecker

Report of the Purchasing Manager:

1. Request approval to purchase streetlight poles and related equipment from Neher Electric for \$74,152.

Improvement and Services - Report of the Purchasing Manager					
Description	Spec #	Funding Source	Awarded Vendor	# Responses	\$ Amount
Streetlight Poles & Equipment		101504-55107 Street Light Maint 101504-55141 Signal Replacement	Neher Electric	4	\$74,152

CITY OF GREEN BAY QUOTATION SUMMARY
RFQ #3057 - Streetlight Poles & Equipment

DEPT: DPW/Elec			REQ #161		VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4	
Planholders: 18 Vendors			CC#285-550		NEHER ELECTRIC SUPPLY INC		WESCO		TAPCO		WERNER ELECTRIC SUPPLY	
ISSUED: 5/30/18			DUE: 6/25/18		Milwaukee		Green Bay		Brown Deer		Appleton	
QTY	UNIT	DESCRIPTION	UNIT	PRICE	UNIT	PRICE	UNIT	PRICE	UNIT	PRICE	UNIT	PRICE
20	EA	STREETLIGHT POLE, FIBERGLASS-COMPOSITE, AS PER ATTACHED SPECIFICATIONS – See Attachments #1 & #2	\$ 1,249.75	\$24,995.00	\$ 1,277.10	\$25,542.00	\$ 1,263.89	\$25,277.80	\$ 1,287.14	\$25,742.80		
20	EA	BRACKET, LUMINAIRE MOUNTING, STREETLIGHT, STEEL, GALVANIZED WITH BLACK SEMI-GLOSS FINISH, P2 TENON MOUNT WITH THREE SET-SCREWS, SINGLE 6-FT ARM WITH 2-FT RISE, REMOVABLE CAP, VALMONT MS321-06-02 OR EQUAL – See Attachment #2	\$ 250.75	\$ 5,015.00	\$ 256.25	\$ 5,125.00	\$ 253.58	\$ 5,071.60	\$ 258.27	\$ 5,165.40		
2	EA	MOUNTING ARM, CLAMP-ON TO POLE, FOR MOUNTING FISH-EYE CAMERA, 15-FT LONG WITH 7-FT RISE, ACCORDING TO ATTACHED CAMERA MOUNTING ARM DIAGRAM – See Attachment #3	\$ 502.75	\$ 1,005.50	\$ 513.55	\$ 1,027.10	\$ 508.23	\$ 1,016.46	\$ 517.59	\$ 1,035.18		
1	EA	POLE, SIGNAL, 30-FT, GALVANIZED WITH SEMI-GLOSS BLACK FINISH, ROUND TAPERED STEEL, MIN 7-GAUGE WALL THICKNESS, 30-FT MONOTUBE TRAFFIC SIGNAL ARM WITH A 3-FT RISE MOUNTED AT 18-FT ABOVE BASE (SEE ATTACHED DETAIL), REMOVABLE METAL TOP CAP, 10-FT LUMINAIRE/CAMERA ARM WITH A 2-FT RISE MOUNTED TO BUTT-PLATE NEAR TOP OF POLE, 16.5-INCH BOLT CIRCLE, INCLUDE 72-INCH x 1.5-INCH 55K TENSILE STRENGTH ANCHOR BOLTS AND ALL HARDWARE EXCEPT ANCHOR BOLT COVERS – See Attachment #3	\$4,185.00	\$ 4,185.00	\$ 4,273.95	\$ 4,273.95	\$ 4,229.88	\$ 4,229.88	\$ 4,307.62	\$ 4,307.62		
12	EA	LUMINAIRE, ORNAMENTAL, UTILITY POST-TOP, BLACK, CAST ALUMINUM, 70 WATT LED, 350ma 120-277VAC DRIVER, ASYMMETRIC FULL-CUTOFF FLAT GLASS OPTICS, SPIKE FINIAL, NO PHOTOCELL SOCKET, 20-FT LEADS, HOLOPHANE PUL0704KASBL3SHL20, NO SUBSTITUTES	\$1,295.00	\$15,540.00		\$ -	\$ 1,316.48	\$15,797.76	\$ 1,340.69	\$16,088.28		
12	EA	BRACKET, SINGLE LUMINAIRE MOUNTING, ALUMINUM CONSTRUCTION, 3-IN HIGH X 3-IN O.D. TENON, FLAT 6-IN X 12-IN X 3/8-IN MOUNTING PLATE, SEMI-GLOSS BLACK FINISH, HOLOPHANE ANNAPOLIS SERIES AWB-CA/BK, NO SUBSTITUTES	\$ 219.00	\$ 2,628.00		\$ -	\$ 222.67	\$ 2,672.04	\$ 226.78	\$ 2,721.36		
15	EA	POLE, STREETLIGHT, 25-FOOT, GALVANIZED WITH BLACK SEMI-GLOSS FINISH, ROUND TAPERED STEEL, 7-GAUGE WALL THICKNESS, 3-IN O.D. x 3-IN TENON ON TOP, RECEPTACLE MOUNTING PLATE AT 15-FT ABOVE BASE ON SAME SIDE AS HANDHOLE, SPECIAL MOUNTING PLATE AT 11.5-FT ABOVE BASE ON SAME SIDE AS HANDHOLE, 11-INCH BOLT CIRCLE, ELONGATED BASE MOUNTING HOLES TO FIT 1-INCH ANCHOR BOLTS, INCLUDE HARDWARE, SEE ATTACHED STREETLIGHT POLE DETAIL – See Attachment #2	\$1,206.00	\$18,090.00	\$ 1,232.30	\$18,484.50	\$ 1,219.57	\$18,293.55	\$ 1,242.00	\$18,630.00		
50	EA	CONNECTOR, WIRE, INSULATED, 4-PORT, #4-#14 CU OR AL, NSI POLARIS IPL 4-4, ILSCO PBTS 4-4, T&B CSB 4-4S, OR EQUAL	\$ 17.50	\$ 875.00	\$ 9.25	\$ 462.50		\$ -		\$ -		
50	EA	CONNECTOR, WIRE, INSULATED, 3-PORT, #4-#14 CU OR AL, SINGLE SIDED ENTRY, NSI POLARIS IPL 4-3, ILSCO PBTS 3-4, T&B CSB 4-3S, OR EQUAL	\$ 13.55	\$ 677.50	\$ 7.75	\$ 387.50		\$ -		\$ -		
30	EA	CONNECTOR, WIRE, INSULATED, 2-PORT, #4-#14 CU OR AL, SINGLE SIDED ENTRY, NSI POLARIS IT-4, ILSCO PBTS 2-4, T&B CSB 4-2S, OR EQUAL	\$ 8.65	\$ 259.50	\$ 5.90	\$ 177.00		\$ -		\$ -		
50	EA	FUSE HOLDER, INLINE, BREAKAWAY, SCREW TERMINAL, #12-#3 WIRE RANGE, WITH INSULATING BOOTS FOR EACH END, BUSSMAN HEB-JW-RLC-J, MERSEN FEB-81-81-BA, IDEAL SLK30-1212, OR EQUAL	\$ 47.50	\$ 2,375.00	\$ 63.30	\$ 3,165.00		\$ -		\$ -		
50	EA	FUSE, 5 AMP, TYPE KTK	\$ 6.36	\$ 318.00	\$ 6.65	\$ 332.50		\$ -		\$ -		
30	EA	CONNECTOR, WIRE, INSULATED, WATERPROOF, SUITABLE FOR IMMERSION OR DIRECT-BURIAL, 4-PORT, #2-#14 CU OR AL, RAYCHEM/TYCO GTAP-1	\$ 27.35	\$ 820.50	36 Pks of 18 \$17.00/ea	\$ 612.00		\$ -		\$ -		
		TOTAL:		\$76,784.00		\$59,589.05		\$72,359.09		\$73,690.64		
		LEAD TIME:	Valmont 12-14 Weeks Holophane 6-7 Weeks Others 2-3 Weeks		-		12-14 Weeks		Valmont 12-14 Weeks Holophane 6-7 Weeks			
		PAYMENT TERMS: NET 30 EARLY PAYMENT DISCOUNT:	Net 30		Net 30		Net 30		Net 30			
		COMPANY ACCEPTS P-CARD PAYMENTS:	No		Yes		Yes		No			
		Award to each vendor:	\$74,151.50		\$ 1,639.00							

Recommendation: Award to the lowest responsive, responsible vendors Neher Electric Supply Inc in the amount of \$74,151.50 and Wesco in the amount of \$1,639.00



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # D.9.

Consideration with possible action on approval of the following plat of right-of-way:

Sitka Street from Superior Road to Ontario Road AND Superior Road from Gilbert Drive to Sitka Street
AND proposed streets north of Sitka Street between Superior Road and Easy Street AND Superior Road
Storm Water Management Facility.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. Plat of Right-of-Way on Sitka Street SWMF- All Pgs

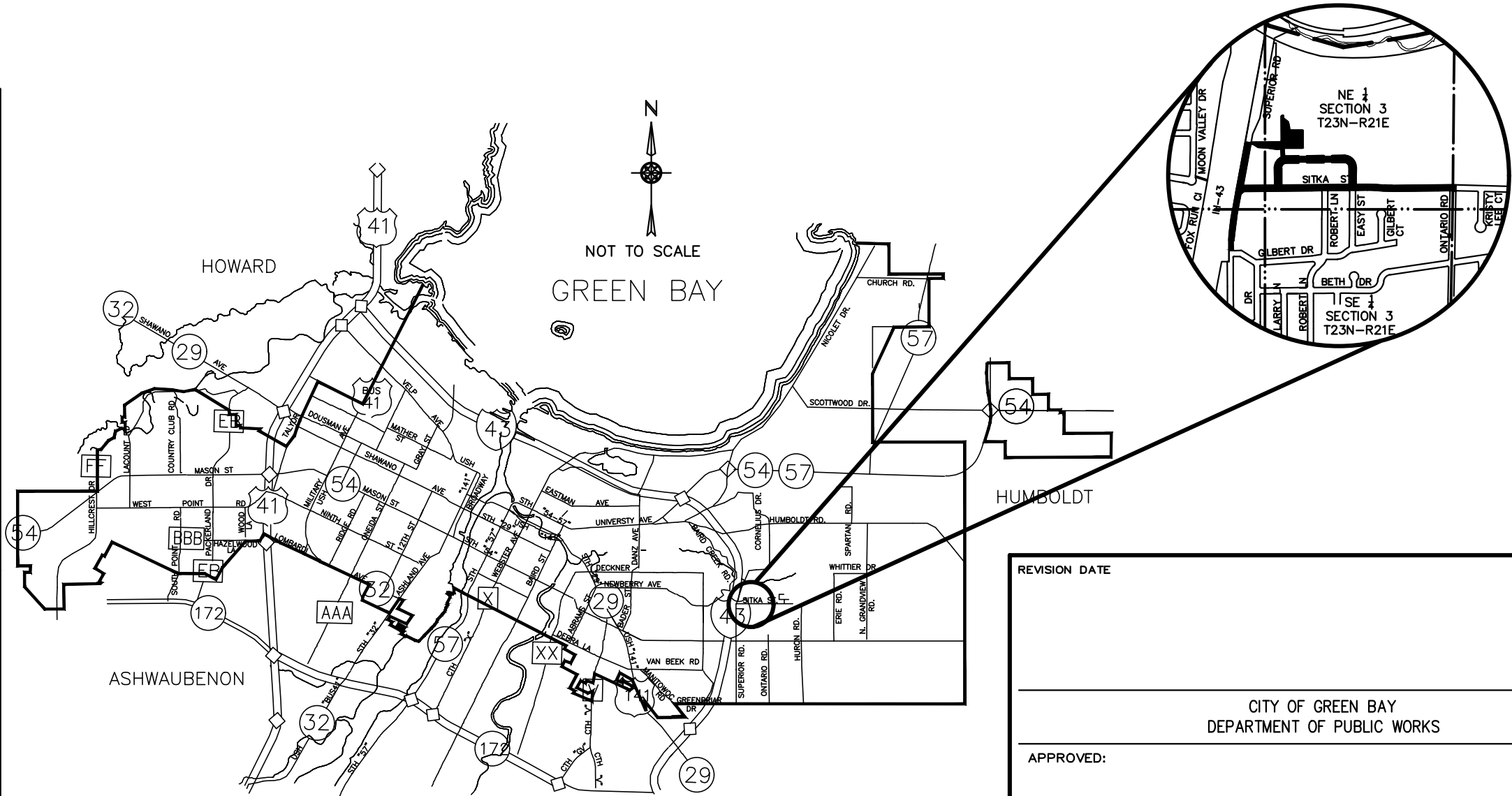
I:\DeptData\PubWorks\Eng\CAD\CAD\IROW\Plats\Sitka Street and Storm Management Facility\Sitka Street & SWMF.dwg, Pg1- TitleSheet, 7/5/2018 7:54:12 AM

SCHEDULE OF LANDS & INTERESTS REQUIRED											CITY OF GREEN BAY BROWN COUNTY WISCONSIN		SHEET NUMBER	TOTAL SHEETS
AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER(S) WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.													1	8
PARCEL NUMBER	TAX PARCEL NUMBER	OWNER	INTEREST REQUIRED	TOTAL SQ.FT./ ACRES	R/W FEE TITLE SQ. FT./ ACRES REQUIRED	SWMF FEE TITLE SQ. FT./ ACRES REQUIRED	SQ. FT. / ACRES REMAINING	STORM SEWER P.L.E. SQ.FT./ ACRES REQUIRED	GRADING T.L.E. SQ.FT./ ACRES REQUIRED	TOPSOIL STORAGE T.L.E. SQ.FT./ ACRES REQUIRED	PLAT OF RIGHT OF WAY REQUIRED FOR SITKA STREET FROM SUPERIOR ROAD TO ONTARIO ROAD AND SUPERIOR ROAD FROM GILBERT DRIVE TO SITKA STREET AND PROPOSED STREETS NORTH OF SITKA STREET BETWEEN SUPERIOR ROAD AND EASY STREET AND SUPERIOR ROAD STORM WATER MANAGEMENT FACILITY			
1	21-51	DANIEL A. SCHMIDT REVOCABLE TRUST	FEE PLE & TLE	267623/ 6.144	26284/ 0.603	8253/ 0.189	233086/ 5.351	4747/ 0.109	26257/ 0.603	17942/ 0.412				
2	21-50	DANIEL A. SCHMIDT REVOCABLE TRUST	FEE & TLE	537744/ 12.345	45893/ 1.054	0/ 0.00	491851/ 11.291	0/ 0.00	13105/ 0.301	36542/ 0.839				
3	21-52	DANIEL A. SCHMIDT REVOCABLE TRUST	FEE PLE & TLE	1119527/ 25.701	26941/ 0.618	0/ 0.00	1092586/ 25.082	480/ 0.011	21034/ 0.483	0/ 0.00				
4	21-71	BLUE VIPER, LLC	TLE	587128/ 13.479	0/ 0.00	0/ 0.00	587128/ 13.479	0/ 0.00	27660/ 0.483	0/ 0.00				
5	21-3876	BENJAMIN C & JODY A WIPFLI	TLE	11839/ 0.272	0/ 0.00	0/ 0.00	11839/ 0.272	0/ 0.00	944/ 0.022	0/ 0.00				
6	21-6668-55-1	DANIEL A SCHMIDT	TLE	45709/ 1.049	0/ 0.00	0/ 0.00	45709/ 1.049	0/ 0.00	3852/ 0.088	0/ 0.00				
7	21-68-3	DANIEL A. SCHMIDT REVOCABLE TRUST	TLE	377235/ 8.660	0/ 0.00	0/ 0.00	377235/ 8.660	0/ 0.00	4900/ 0.112	0/ 0.00				
8	21-68-5	AARON J & MELISSA H STEFFEN	TLE	15714/ 0.361	0/ 0.00	0/ 0.00	15714/ 0.361	0/ 0.00	1178/ 0.027	0/ 0.00				
											RELOCATION ORDER DATED – 2018			

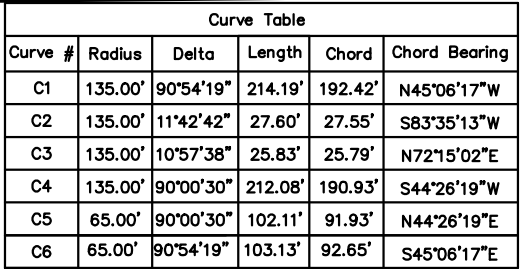
CONVENTIONAL SIGNS AND ABBREVIATIONS	
	SECTION LINE
	QUARTER SECTION LINE
	QUARTER/QUARTER SECTION LINE
	PROPERTY LINE
	EXISTING RIGHT-OF-WAY (R/W) LINE
	PROPOSED RIGHT-OF-WAY (R/W) LINE
	FEE ACQUISITION AREA
	PERMANENT LIMITED EASEMENT (PLE) AREA
	TEMPORARY LIMITED EASEMENT (TLE) GRADING AREA
	TEMPORARY LIMITED EASEMENT (TLE) TOPSOIL STORAGE AREA
	PROPOSED SUBDIVISION PLAT
R/W	STREET RIGHTS-OF-WAY
PLE	PERMANENT LIMITED EASEMENT
TLE	TEMPORARY LIMITED EASEMENT
SWMF	STORM WATER MANAGEMENT FACILITY

NOTES:

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE BROWN COUNTY, WISCONSIN COORDINATE SYSTEM. ALL PLAT DISTANCES ARE GROUND LENGTH. RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.



REVISION DATE
CITY OF GREEN BAY DEPARTMENT OF PUBLIC WORKS
APPROVED:
STEVEN M. GRENIER, P.E. DIRECTOR OF PUBLIC WORKS
DATE:



Line Table		
Line #	Length	Direction
L1	203.14'	N00° 20' 53"E
L2	691.17'	S89° 26' 34"W
L3	202.46'	N03° 33' 53"W
L4	10.92'	S89° 28' 23"W
L5	30.03'	S00° 31' 37"E
L6	12.52'	S89° 28' 23"W
L7	180.03'	S03° 33' 53"E
L8	205.36'	S00° 33' 56"E
L9	70.00'	N89° 26' 04"E
L10	205.36'	N00° 33' 56"W
L11	691.17'	N89° 26' 34"E
L12	204.25'	S00° 20' 53"W
L13	70.01'	N89° 26' 04"E

107 21-3877	ROBERT LANE 70'	21-3876 106	13	EASY STREET 70'	21-4915 14
108 21-3878		21-4914	12		
109 21-3879		21-4913	11		15 21-4916
		21-4912	10		16 21-4917







③

②

21-50

PROPOSED STREET

DANIEL A SCHMIDT
REVOCABLE TRUST

21-51

PROPOSED
SUBDIVISION PLAT

PROPOSED STREET

PROPOSED EASY STREET

Curve Table					
Curve #	Length	Radius	Delta	Chord	Chord Bearing
C1	214.19'	135.00'	90°54'19"	192.42'	N45° 06' 17"W
C2	40.35'	135.00'	17°07'33"	40.20'	S80° 52' 47"W

Line Table		
Line #	Length	Direction
L1	203.14'	N00°20'53"E
L2	691.17'	S89°26'34"W
L3	114.57'	N03°33'53"W
L4	8.77'	N89°38'40"E
L5	231.10'	N89°38'40"E
L6	199.08'	N00°00'00"E
L7	158.71'	N90°00'00"W
L8	50.72'	N07°38'30"W
L9	52.10'	N11°58'58"W
L10	74.66'	N51°01'10"W
L11	348.72'	S00°31'37"E

PROPOSED SUBDIVISION PLAT

DANIEL A SCHMIDT
IRREVOCABLE TRUST

SITKA STREET

ROBERT
LANE

21-3876
106

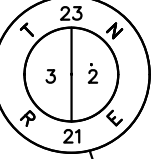
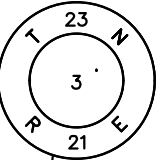
107
21-3877

$$21 \div 4914$$

EASY-STREET

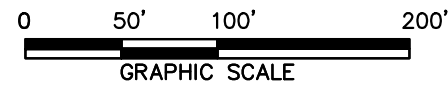
21-4915
14

DANIEL A
OUTL
21-666



Line Table		
Line #	Length	Direction
L1	670.65'	S89° 26' 00"W
L2	100.00'	N86° 15' 52"W
L3	267.22'	S89° 33' 28"W
L4	20.00'	N0° 30' 03"E
L5	266.89'	N89° 33' 28"E
L6	100.00'	S86° 15' 52"E
L7	10.00'	S0° 00' 00"E
L8	425.17'	N89° 26' 00"E
L9	10.00'	N0° 34' 00"W
L10	245.91'	N89° 26' 00"E
L11	20.00'	S0° 38' 53"W
L12	20.00'	N1° 26' 57"W
L13	20.00'	S1° 26' 57"E
L14	12.00'	S89° 26' 00"W
L15	20.00'	N00° 34' 00"W
L16	12.00'	N89° 26' 00"E
L17	20.00'	S00° 34' 00"E

Curve Table					
Curve #	Radius	Length	Delta	Chord	Chord Bearing
C1	1296.49'	97.32'	418°04"	97.30'	N89°24'54"W
C2	1366.49'	135.40'	5°40'02"	135.34'	N89°06'10"W
C3	1386.49'	137.38'	5°40'02"	137.32'	S89°06'10"E
C4	1276.49'	83.22'	3°44'08"	83.21'	S88°07'56"E
C5	1286.49'	12.70'	0°33'56"	12.70'	N89°43'02"E
C6	1366.49'	12.00'	0°30'12"	12.00'	S88°33'03"W
C7	1386.49'	12.00'	0°29'45"	12.00'	N88°33'03"E



DANIEL A SCHMIDT
REVOCABLE TRUST

SE-NE
SECTION 3
T23N-R21E
21-52

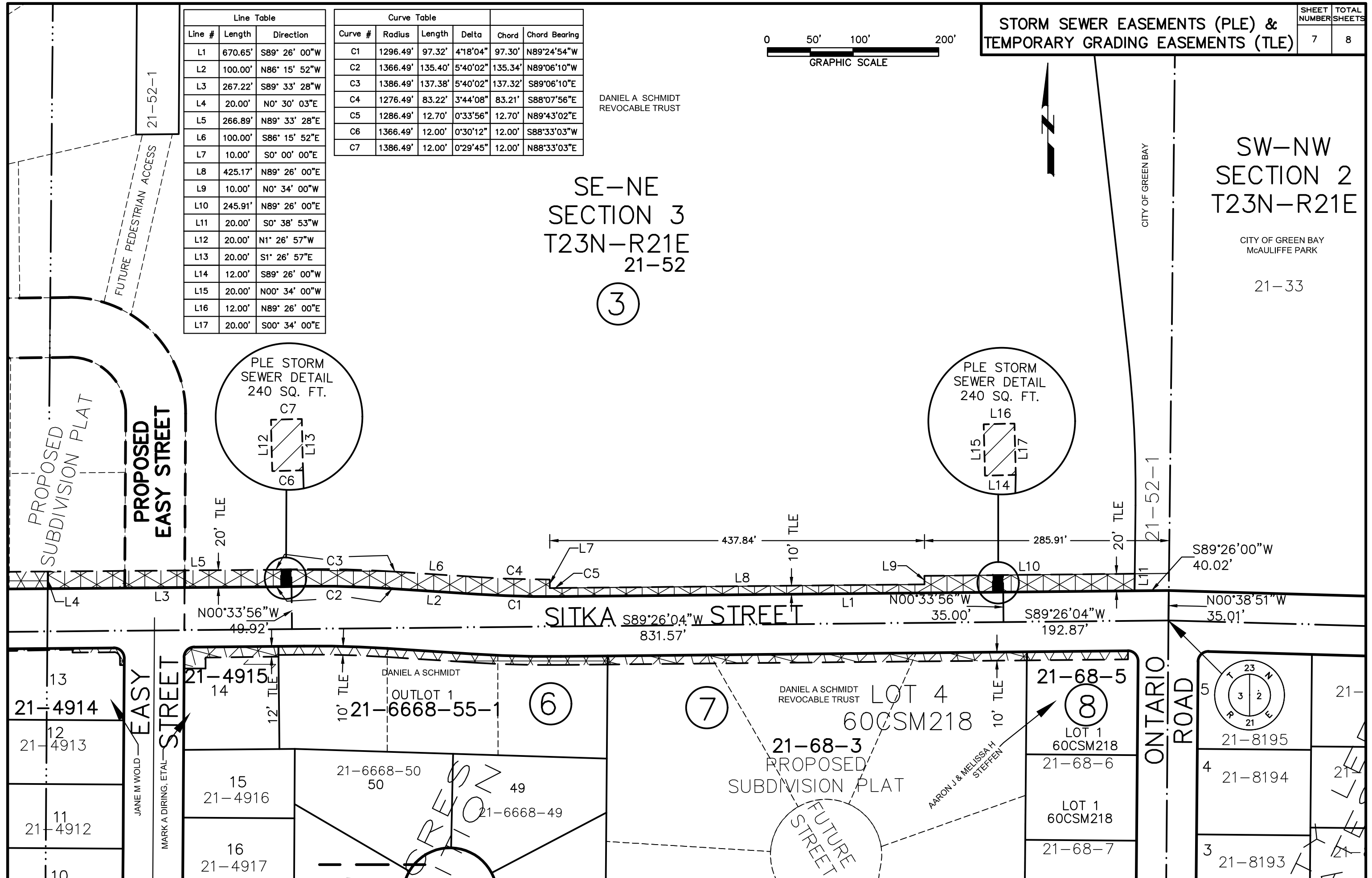
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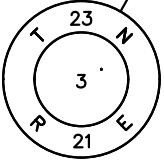
**STORM SEWER EASEMENTS (PLE) &
TEMPORARY GRADING EASEMENTS (TLE)**

SW-NW
SECTION 2
T23N-R21E

CITY OF GREEN BAY
McAULIFFE PARK

21-33







Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # F.I.

Director's Report on recent activities of the Public Works Department.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Improvement and Service Committee
of the City of Green Bay

MEETING DATE

July 11, 2018

PREPARED BY

AGENDA ITEM # F.2.

The next Improvement and Services Committee meeting is scheduled for August 1, 2018.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None