



City of Appleton

100 North Appleton Street
Appleton, WI 54911-4799
www.appleton.org

Meeting Agenda - Final Utilities Committee

Tuesday, August 23, 2016

5:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

2. Roll call of membership

3. Approval of minutes from previous meeting

[16-1330](#) Approval of the August 9, 2016 Utilities Committee Meeting minutes.

Attachments: [August 9, 2016 Utilities Committee Meeting minutes.pdf](#)

4. **Public Hearings/Apearances**

5. **Action Items**

[16-1332](#) Award Unit N-16, Sewer Spot Repairs, Protruding Tap & Mineral Deposit Removal to Great Lakes TV & Seal, Inc. in an amount not to exceed \$152,950.

Attachments: [Unit N-16.pdf](#)

6. **Information Items**

[16-1331](#) Monthly Reports for July 2016
- Water Distribution and Meter Team Monthly Report

Attachments: [Meter Team Report July.pdf](#)

7. **Adjournment**

Notice is hereby given that a quorum of the Common Council may be present during this meeting, although no Council action will be taken.

Reasonable Accommodations for Persons with Disabilities will be made upon Request and if Feasible.

For questions on the agenda, contact Chris Shaw at 920-832-5945 or Paula Vandehey at 920-832-6474.



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Meeting Minutes Utilities Committee

Tuesday, August 9, 2016

5:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

Chairperson Dannecker called the Utilities Committee meeting to order at 5:30 p.m.

2. Roll call of membership

Present: 5 - Dannecker, Baranowski, Meltzer, Reed and Jirschele

3. Approval of minutes from previous meeting

[16-1265](#)

Approval of the July 26, 2016 Utilities Committee Meeting minutes.

Baranowski moved, seconded by Meltzer, that the Minutes be approved. Roll Call. Motion carried by the following vote:

Aye: 5 - Dannecker, Baranowski, Meltzer, Reed and Jirschele

4. Public Hearings/Appearances

5. Action Items

[16-1266](#)

Amend 2015C Design Contract fro Northland Pond with Brown and Caldwell by an amount not to exceed \$17,880.

Jirschele moved, seconded by Meltzer, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 4 - Dannecker, Meltzer, Reed and Jirschele

Nay: 1 - Baranowski

[16-1270](#)

Preliminary Resolution 5-P-16 for Sanitary Lateral at 2619 N. Richmond Street be adopted and refer the matter to Finance Committee to determine the assessment rate.

Baranowski moved, seconded by Reed, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 5 - Dannecker, Baranowski, Meltzer, Reed and Jirschele

6. Information Items[16-1268](#)

Biosolids Compost Consulting Project Update.

Discussed.[16-1269](#)

Regulatory Upgrade and Process Improvement Update.

*Discussed.***7. Adjournment**

Baranowski moved, seconded by Reed, that the Utilities Committee meeting be adjourned at 5:49 p.m. Roll Call. Motion carried by the following vote:

Aye: 5 - Dannecker, Baranowski, Meltzer, Reed and Jirschele

Item	Description	Qty./	Unit	#1 - Great Lakes TV Seal, Inc.		#2 - Michels Corporation	
				Unit Price/\$	Total/\$	Unit Price/\$	Total/\$
Sanitary Sewer							
1.	Gillett St.	1	each	\$ 2,950.00	\$ 2,950.00	\$ 3,690.00	\$ 3,690.00
2.	Brewster St.	1	each	\$ 2,575.00	\$ 2,575.00	\$ 3,037.00	\$ 3,037.00
3.	Edgewood Ave.	1	each	\$ 2,500.00	\$ 2,500.00	\$ 2,318.00	\$ 2,318.00
4.	Packard St.	1	each	\$ 3,500.00	\$ 3,500.00	\$ 5,022.00	\$ 5,022.00
5.	Bennett St.	1	each	\$ 2,200.00	\$ 2,200.00	\$ 2,302.00	\$ 2,302.00
6.	Lorain St.	1	each	\$ 2,000.00	\$ 2,000.00	\$ 1,545.00	\$ 1,545.00
7.	Winnabago St.	1	each	\$ 1,800.00	\$ 1,800.00	\$ 2,480.00	\$ 2,480.00
8.	Badger Ave.	1	each	\$ 2,850.00	\$ 2,850.00	\$ 3,042.00	\$ 3,042.00
9.	Summit St.	1	each	\$ 1,800.00	\$ 1,800.00	\$ 1,731.00	\$ 1,731.00
10.	Story St.	1	each	\$ 1,550.00	\$ 1,550.00	\$ 1,617.00	\$ 1,617.00
11.	Spring St.	1	each	\$ 1,800.00	\$ 1,800.00	\$ 1,758.00	\$ 1,758.00
12.	Jackman St.	1	each	\$ 1,650.00	\$ 1,650.00	\$ 1,718.00	\$ 1,718.00
13.	Seymour St.	1	each	\$ 3,400.00	\$ 3,400.00	\$ 3,752.00	\$ 3,752.00
14.	Meade St.	1	each	\$ 2,600.00	\$ 2,600.00	\$ 4,945.00	\$ 4,945.00
15.	Randall St.	1	each	\$ 2,600.00	\$ 2,600.00	\$ 2,345.00	\$ 2,345.00
16.	Durkee St.	1	each	\$ 1,750.00	\$ 1,750.00	\$ 2,366.00	\$ 2,366.00
17.	Morrison St.	1	each	\$ 1,250.00	\$ 1,250.00	\$ 1,638.00	\$ 1,638.00
18.	Lawrence St.	1	each	\$ 2,500.00	\$ 2,500.00	\$ 3,275.00	\$ 3,275.00
19.	Maple St.	1	each	\$ 1,250.00	\$ 1,250.00	\$ 1,638.00	\$ 1,638.00
20.	Meade St.	1	each	\$ 1,900.00	\$ 1,900.00	\$ 2,339.00	\$ 2,339.00
21.	John St.	1	each	\$ 1,850.00	\$ 1,850.00	\$ 1,670.00	\$ 1,670.00
22.	John St.	1	each	\$ 1,350.00	\$ 1,350.00	\$ 1,670.00	\$ 1,670.00
23.	Commercial St.	1	each	\$ 5,200.00	\$ 5,200.00	\$ 8,870.00	\$ 8,870.00
24.	Marquette St.	1	each	\$ 2,400.00	\$ 2,400.00	\$ 6,632.00	\$ 6,632.00
25.	Mason St.	1	each	\$ 2,500.00	\$ 2,500.00	\$ 6,632.00	\$ 6,632.00
26.	Harris St.	1	each	\$ 5,600.00	\$ 5,600.00	\$ 9,954.00	\$ 9,954.00
27.	Oklahoma St.	1	each	\$ 2,500.00	\$ 2,500.00	\$ 7,463.00	\$ 7,463.00
28.	River Dr. west end	1	each	\$ 3,000.00	\$ 3,000.00	\$ 6,633.00	\$ 6,633.00
29.	Commercial St..	1	each	\$ 3,600.00	\$ 3,600.00	\$ 8,708.00	\$ 8,708.00
30.	Alexander St.	1	each	\$ 3,000.00	\$ 3,000.00	\$ 6,634.00	\$ 6,634.00
31.	John St.	1	each	\$ 3,450.00	\$ 3,450.00	\$ 6,634.00	\$ 6,634.00
32.	Grant St.	1	each	\$ 650.00	\$ 650.00	\$ 830.00	\$ 830.00
33.	Weiland Ave.	1	each	\$ 3,200.00	\$ 3,200.00	\$ 6,323.00	\$ 6,323.00
34.	Nichols St.	1	each	\$ 950.00	\$ 950.00	\$ 2,446.00	\$ 2,446.00
35.	Pershing St.	1	each	\$ 1,450.00	\$ 1,450.00	\$ 2,252.00	\$ 2,252.00
36.	Birchwood Ave.	1	each	\$ 695.00	\$ 695.00	\$ 2,332.00	\$ 2,332.00
37.	Foster St.	1	each	\$ 900.00	\$ 900.00	\$ 1,400.00	\$ 1,400.00
38.	Brewster St.	1	each	\$ 495.00	\$ 495.00	\$ 1,480.00	\$ 1,480.00
39.	Badger Ave.	1	each	\$ 2,300.00	\$ 2,300.00	\$ 5,426.00	\$ 5,426.00
40.	Esmnt in Pierce Park	1	each	\$ 950.00	\$ 950.00	\$ 898.00	\$ 898.00

Item	Description Storm Sewer	Qty./	Unit	#1 - Great Lakes TV Seal, Inc.		#2 - Michels Corporation	
				Unit Price/\$	Total/\$	Unit Price/\$	Total/\$
41.	Second St.	1	each	\$ 2,150.00	\$ 2,150.00	\$ 6,554.00	\$ 6,554.00
42.	Seminole Dr.	1	each	\$ 3,400.00	\$ 3,400.00	\$ 9,896.00	\$ 9,896.00
43.	Hycrest Dr.	1	each	\$ 3,050.00	\$ 3,050.00	\$ 3,598.00	\$ 3,598.00
44.	Esmnt Fairview St.	1	each	\$ 9,500.00	\$ 9,500.00	\$ 12,043.00	\$ 12,043.00
45.	Memorial Dr.	1	each	\$ 3,700.00	\$ 3,700.00	\$ 3,436.00	\$ 3,436.00
46.	Clark St.	1	each	\$ 1,950.00	\$ 1,950.00	\$ 2,756.00	\$ 2,756.00
47.	Parkway Blvd.	1	each	\$ 3,200.00	\$ 3,200.00	\$ 10,308.00	\$ 10,308.00
48.	Alley n/o College Ave.	1	each	\$ 4,200.00	\$ 4,200.00	\$ 4,851.00	\$ 4,851.00
49.	Verbrick St.	1	each	\$ 2,400.00	\$ 2,400.00	\$ 3,342.00	\$ 3,342.00
50.	Morrison St.	1	each	\$ 8,000.00	\$ 8,000.00	\$ 10,363.00	\$ 10,363.00
51.	Lawe St.	1	each	\$ 2,000.00	\$ 2,000.00	\$ 4,410.00	\$ 4,410.00
52.	Jefferson St.	1	each	\$ 7,000.00	\$ 7,000.00	\$ 14,540.00	\$ 14,540.00
53.	Jefferson St.	1	each	\$ 2,700.00	\$ 2,700.00	\$ 3,681.00	\$ 3,681.00
54.	Madison St.	1	each	\$ 2,600.00	\$ 2,600.00	\$ 3,042.00	\$ 3,042.00
55.	Viola St.	1	each	\$ 2,700.00	\$ 2,700.00	\$ 3,506.00	\$ 3,506.00
56.	Atlantic St.	1	each	\$ 5,000.00	\$ 5,000.00	\$ 3,506.00	\$ 3,506.00
57.	Reid Golf Course	1	each	\$ 3,950.00	\$ 3,950.00	\$ 6,670.00	\$ 6,670.00
58.	Sylvan Ave.	1	each	\$ 2,300.00	\$ 2,300.00	\$ 1,815.00	\$ 1,815.00
59.	Baker Tilly Storm Lateral - Enterprise Ave.	1	each	\$ 2,550.00	\$ 2,550.00	\$ 3,042.00	\$ 3,042.00
60.	Glendale Ave.	1	each	\$ 1,150.00	\$ 1,150.00	\$ 3,360.00	\$ 3,360.00
61.	Partridge Ct. s/leg	1	each	\$ 1,250.00	\$ 1,250.00	\$ 2,127.00	\$ 2,127.00
62.	Ravenswood Ct.	1	each	\$ 650.00	\$ 650.00	\$ 1,488.00	\$ 1,488.00
63.	Rainbow Ct.	1	each	\$ 650.00	\$ 650.00	\$ 744.00	\$ 744.00
64.	Rainbow Ct.	1	each	\$ 950.00	\$ 950.00	\$ 1,488.00	\$ 1,488.00
65.	Strawberry La. n/leg	1	each	\$ 950.00	\$ 950.00	\$ 1,488.00	\$ 1,488.00
66.	Esmnt n/o Newberry St.	1	each	\$ 1,250.00	\$ 1,250.00	\$ 1,488.00	\$ 1,488.00
67.	Joint Sealing Grout	300	gals	\$ 13.40	\$ 4,020.00	\$ 19.00	\$ 5,700.00
68.	Extra Hours	20	each	\$ 225.00	\$ 4,500.00	\$ 446.00	\$ 8,920.00
69.	Wastewater Treatment Plant Easement	1	each	\$ 2,750.00	\$ 2,750.00	\$ 14,186.00	\$ 14,186.00
TOTAL OF ITEMS 1 - 69:				\$	180,935.00	\$	299,793.00

WATER SUMMARY FOR JULY 2016

Work done by Construction Maintenance				
	<u>July 15</u>	<u>July 16</u>	<u>YTD 15</u>	<u>YTD 16</u>
Hydrants repaired	8	2	41	14
Hydrants replaced	0	0	6	3
Hydrant leaks	0	0	1	1
Valves replaced	4	0	4	1
Valves tested & inspected	0	72	17	1356
Valves Rebuilt	3	3	9	6
Valve boxes repaired	17	2	119	33
Curb boxes repaired	64	18	300	108
Curb boxes replaced	27	2	91	20
Lead or galvanized replaced	0	3	0	17
New services 1"	0	0	0	0
New services >1"	0	0	3	1
Water main breaks	1	11	47	36
Joint leaks repaired	0	0	1	0
Water quality	0	1	2	1
Service leaks (City side)	0	0	0	1
Work done by Meter Service Team				
	<u>July 15</u>	<u>July 16</u>	<u>YTD 15</u>	<u>YTD 16</u>
New accounts set with 3/4" or 1"	15	12	64	95
New accounts set with larger meter	2	0	3	2
Meters tested	514	619	4241	5426
Meters failed	65	24	80	349
Meters stalled	1	0	2	0
Service calls	0	95	814	737
Final readings	518	271	2276	2125
Read meters - no reading	0	0	0	5
New meters installed	673	762	4448	5727
Exception meters inspected	0	0	0	0
Exception meters removed	0	0	0	0
Service leaks found	0	0	2	24
Cross connection inspections	577	650	4125	5280

**WATER MAIN BREAK/Joint LEAK REPORT JULY
2016**

LOCATION	Work Order	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	ESTIMATED DOLLAR VALUE OF WATER REVENUE LOSS**
Story Street/ Oklahoma Street	212579	CIP	6"	1924	8" hole	4 hours	2,200,422	\$13,384.92
Jefferson Street/ Lincoln Street	212839	CIP	8"	Unknown	4" hole	4 hours	648,305	\$3,943.57
833 E. Capitol Drive	212840	DIP	12"	1977	4"x2" hole	1 hour	339,974	\$2,068.02
Prospect Avenue/ Outagamie Street	213145	CIP	6"	1920's	three 3" holes	4 hours	1,129,551	\$6,870.93
2300 N. Alexander Street	213146	CIP	6"	1958	4.5"x.25" split	4 hours	560,125	\$3,407.18
2524 S. Berry Drive	213153	CIP	8"	1968	18"x1/16" split	5 hours	80,787	\$491.42
Lawrence Street/ Allen Street	213202	CIP	6"	Unknown	4" hole	4 hours	410,024	\$2,494.13
Madison Street/ Fremont Street	213329	CIP	6"	Unknown	2" hole	3 hours	121,557	\$739.42
34 Partridge Court	213351	DIP	8"	1978	8" hole	4 hours	2,744,408	\$16,693.93

**Water loss is calculated at the residential rate of \$4.55 per 100 cubic feet.

**WATER MAIN BREAK/Joint LEAK REPORT JULY
2016**

LOCATION	Work Order	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	ESTIMATED DOLLAR VALUE OF WATER REVENUE LOSS**
1213 E. South River Street	213649	CIP	8"	1961	18"X1/32" split	2 days & 3 hours	1,802,996	\$10,967.42
819 S. West Avenue	213711	CIP	4"	1931	6" hole	2 hours	349,123	\$2,123.68
								\$0.00
								\$0.00
								\$0.00
								\$0.00
								\$0.00
								\$0.00
								\$0.00

**Water loss is calculated at the residential rate of \$4.55 per 100 cubic feet.

WATER MAIN BREAK/Joint LEAK DATA LOG JULY 2016

Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Asphalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
Story Street/ Oklahoma Street	Local	Asphalt	Major	Yes 15' away	7/4/2016 6:00 a.m. Monday	Fixed right away. Large amount of water loss.
Jefferson Street/ Lincoln Street	Local	Concrete	Major	Yes 100' away	7/9/2016 3:00 a.m. Saturday	Fixed right away. Large amount of water loss.
833 E. Capitol Drive	Arterial	Concrete	Major	Yes 75' away	7/9/2016 11:00 p.m. Saturday	Fixed right away. Crew was already in working on another break.
Prospect Avenue/ Outagamie Street	Local	Asphalt	Major	Yes 10' away	7/18/2016 7:00 a.m. Monday	Turned off and fixed the next day during normal work hours. No one was out of water.
2300 N. Alexander Street	Local	Asphalt	Major	Yes 50' away	7/18/2016 7:30 a.m. Monday	Fixed right away during normal work hours due to the amount of water loss.
2524 S. Berry Drive	Local	Concrete	Major	Yes 250' away	7/18/2016 9:00 a.m. Monday	Fixed right away during normal work hours.

**WATER MAIN BREAK/Joint LEAK DATA LOG JULY
2016**

Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Asphalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
Lawrence Street/ Allen Street	Collector	Concrete	Minor	Yes 20' away	7/18/2016 12:00 p.m. Monday	Fixed right away after locating the break.
Madison Street/ Fremont Street	Local	Asphalt	Minor	Yes 20' away	7/21/2016 10:00 a.m. Thursday	Fixed right away during normal work hours.
34 Partridge Court	Local	Concrete	Major	Yes 75' away	7/21/2016 6:00 p.m. Thursday	Fixed right away. There was significant water loss creating hazardous road conditions.
1213 E. South River Street	Collector	Concrete	Minor	Yes 175' away	7/29/2016 8:00 a.m. Friday	Fixed during normal work hours. Break had been running for several days before it was called in. The majority of the water was not coming to the surface and was going into a catch basin.
819 S. West Avenue	Local	Concrete	Major	Yes 50' away	7/29/2016 10:00 p.m. Friday	Fixed right away. Large amount of water loss.