



City of Appleton

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

Meeting Agenda - Final Utilities Committee

Tuesday, September 12, 2023

4:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

2. Pledge of Allegiance

3. Roll call of membership

4. Approval of minutes from previous meeting

[23-1000](#) Approval of the August 8, 2023 Utilities Committee Meeting minutes.

Attachments: [August 8, 2023 Utilities Committee Meeting Minutes.pdf](#)

5. **Public Hearing/Appearances**

6. **Action Items**

[23-1084](#) Amend 2021D Stormwater Consulting Services Contract for Lightning Drive Extension Final Design with raSmith by an increase of \$27,500 for a total contract amount not to exceed \$159,500.

Attachments: [2021D Lightning Drive raSmith Amend Memo 09-12-23 Util Cmte FINAL_r1.pdf](#)

7. **Information Items**

[23-1083](#) 2023 Weather Impact on the Appleton Wastewater Treatment Plant

[23-1080](#) Monthly Reports for July 2023:
-Water Distribution and Meter Team Monthly Report

Attachments: [Water Main Breaks July.pdf](#)

8. **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 Danielle Block at 920-832-6474.



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Meeting Minutes - Final Utilities Committee

Tuesday, August 8, 2023

4:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

Chairperson Meltzer called the Utilities Committee Meeting to order at 4:30 p.m.

2. Pledge of Allegiance

3. Roll call of membership

Present: 4 - Meltzer, Doran, Firkus and Siebers

Excused: 1 - Del Toro

4. Approval of minutes from previous meeting

[23-0943](#)

Approval of the July 25, 2023 Utilities Committee Meeting minutes.

Attachments: [July 25, 2023 Utilities Committee Meeting Minutes.pdf](#)

**Siebers moved, seconded by Firkus, that the Minutes be approved. Roll Call.
Motion carried by the following vote:**

Aye: 4 - Meltzer, Doran, Firkus and Siebers

Excused: 1 - Del Toro

5. **Public Hearing/Appearances**

6. **Action Items**

[23-0944](#)

Award Engineering Services Contract for the AWTF Clearwells and Lindbergh Standpipe Project to McMahon Associates, Inc., in the amount of \$39,100 with a 10% contingency of \$3,910 for a project total not to exceed \$40,010.

Attachments: [Clearwells and Lindbergh Project - Engineering Award 07-31-23.pdf](#)

Siebers moved, seconded by Firkus, that the Report Action Item was recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 4 - Meltzer, Doran, Firkus and Siebers

Excused: 1 - Del Toro

7. Information Items

[23-0945](#) 2022 Consumer Confidence Report (CCR)

Attachments: [City of Appleton CCR 2022.pdf](#)

This item was presented.

[23-0946](#) Appleton Wastewater SARS-CoV-2 Report

Attachments: [Appleton WW SARS CoV2 Report 072823.pdf](#)

This item was presented.

8. Adjournment

Firkus moved, seconded by Siebers, that the Utilities Committee Meeting be adjourned at 4:39 p.m.. Roll Call. Motion carried by the following vote:

Aye: 4 - Meltzer, Doran, Firkus and Siebers

Excused: 1 - Del Toro

Department of Public Works – Engineering Division

MEMO

TO: Utilities Committee

FROM: Danielle Block, Director of Public Works
Pete Neuberger, Deputy Director/City Engineer

DATE: September 5, 2023

RE: Amend 2021D stormwater consulting services contract for Lightning Drive Extension Final Design with raSmith by an increase of \$27,500 for a total contact amount not to exceed \$159,500.

The Department of Public Works is requesting an amendment to the 2021D contract for Lightning Drive Extension Final Design with raSmith by an increase of \$27,500 for a total contact amount not to exceed \$159,500. After this contract amendment, \$783,500 will remain in the 2023 stormwater consulting budget.

The following tasks are proposed to be added/increased for the existing design contract:

- Reduce Lighting Drive cross-section from 37-foot width to 33-foot width to align with Complete Streets preliminary recommendation standards for residential collector streets:
 - Update roadway plans, digital terrain model, earthwork calculations, and cost estimate.
 - Update XP-SWMM and SLAMM models for updated storm sewer conveyance design, stormwater pond performance, and stormwater management plan for DNR permitting
- Assist City staff with City final plans and specifications, and with DNR, USACE, and FEMA permitting requirements.
- Assist City staff with questions during bidding.

raSmith has continued to meet the City's expectations for this project since their work began with the initial drainage study in 2019. They have also supported recent staff changes at the City and helped to keep the project moving forward. Therefore, staff recommends approval of this amendment in an amount not to exceed \$27,500.

WATER MAIN BREAK/ JOINT LEAK REPORT - July 2023

YEARLY WATER MAIN BREAK COMPARISON

<u>MONTH 22</u>	<u>MONTH 23</u>	<u>YTD 22</u>	<u>YTD 23</u>
6	7	82	38

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**	TOTAL DOLLAR VALUE FOR BREAK* <small>(Water Costs + Repair Costs)</small>
3108 E. Rail Rd.	7/10/2023	309269	DIP	12"	1978	5" Hole	4 Hours	1,012,977	\$6,158.90	\$15,158.90
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water bubbling and the washout.										
715 E. Dennison St.	7/22/2023	309269	CIP	6"	1947	4" Hole	3 Hours	486,229	\$2,956.27	\$11,956.27
NOTES: The break was found due to a call in. The duration was calculated by the time of the call until it was fixed.										
715 E. Dennison St.	7/24/2023	309269	CIP	6"	1947	5" Hole	3 Hours	506,000	\$3,076.48	\$12,076.48
NOTES: The break was found due to a call in. The duration was calculated by the time of the call until it was fixed.										
933 E. Capitol Dr.	7/29/2023	309269	DIP	12"	1967	5" Hole & 7" Hole	4 Hours	3,229,390	\$19,634.69	\$28,634.69
NOTES: The break was found due to a call in by the Water Plant. The duration was calculated by the time of the call from the Water Plant until it was shut down.										
933 E. Capitol Dr.	7/29/2023	309269	DIP	12"	1967	5" Hole	4 Hours	1,091,010	\$6,633.34	\$15,633.34
NOTES: The break was found due to a call in by the Water Plant. The duration was calculated by the time of the call from the Water Plant until it was shut down.										

**Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**	TOTAL DOLLAR VALUE FOR BREAK* (Water Costs + Repair Costs)
E. Capitol Dr. & N. Lawe St.	7/30/2023	309269	DIP	12"	1978	5" Hole	4 Hours	1,012,977	\$6,158.90	\$15,158.90
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water bubbling and the time of the resident's call.										
1935 E. Calumet St.	7/31/2023	309269	DIP	12"	1971	5" Hole	3 Hours	796,000	\$4,839.68	\$13,839.68
NOTES: The break was found due to a call in by APD. The duration was calculated by going back one hour before the call in.										
									Total Cost =	\$112,458.26

*In addition to the dollar value of water revenue lost, there is an average cost of \$9,000 to repair each water main break (including final restoration) and an average cost of \$630 to produce the lost water for each main break.

**Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.