



United City of Yorkville
800 Game Farm Road
Yorkville, Illinois 60560
Telephone: 630-553-4350
www.yorkville.il.us

AGENDA
PUBLIC WORKS COMMITTEE MEETING
Tuesday, August 17, 2021
6:00 p.m.
City Hall Conference Room
800 Game Farm Road, Yorkville, IL

Citizen Comments:

Minutes for Correction/Approval: July 21, 2021

New Business:

1. PW 2021-52 Water Conservation Ordinance

Old Business:

Additional Business:

2019/2020 City Council Goals – Public Works Committee		
Goal	Priority	Staff
“Municipal Building Needs & Planning”	2	Bart Olson, Rob Fredrickson, Eric Dhuse, James Jensen, Tim Evans & Erin Willrett
“Road to Better Roads Funding”	3	Bart Olson, Rob Fredrickson & Eric Dhuse
“Water Planning”	6	Eric Dhuse & Brad Sanderson
“School Safety (Exterior & Traffic)”	8 (tie)	Eric Dhuse & James Jensen
“Quiet Zones”	14 (tie)	Eric Dhuse, Erin Willrett & Brad Sanderson
“Route 47 Crossings”	19	Eric Dhuse & Brad Sanderson

UNITED CITY OF YORKVILLE
WORKSHEET
PUBLIC WORKS COMMITTEE
Tuesday, August 17, 2021
6:00 PM
CITY HALL CONFERENCE ROOM

CITIZEN COMMENTS:

MINUTES FOR CORRECTION/APPROVAL:

1. July 21, 2021
 - Approved _____
 - As presented
 - With corrections

NEW BUSINESS:

1. PW 2021-52 Water Conservation Ordinance
 - Moved forward to CC _____
 - Approved by Committee _____
 - Bring back to Committee _____
 - Informational Item
 - Notes _____

ADDITIONAL BUSINESS:



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input type="checkbox"/>
City Administrator	<input type="checkbox"/>
Community Development	<input type="checkbox"/>
Purchasing	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

Minutes

Tracking Number

Agenda Item Summary Memo

Title: Minutes of the Public Works Committee – July 21, 2021

Meeting and Date: Public Works Committee – August 17, 2021

Synopsis: _____

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Committee Approval

Submitted by: Minute Taker

Name

Department

Agenda Item Notes:

Have a question or comment about this agenda item?

Call us Monday-Friday, 8:00am to 4:30pm at 630-553-4350, email us at agendas@yorkville.il.us, post at www.facebook.com/CityofYorkville, tweet us at @CityofYorkville, and/or contact any of your elected officials at <http://www.yorkville.il.us/320/City-Council>

DRAFT

UNITED CITY OF YORKVILLE
SPECIAL PUBLIC WORKS COMMITTEE MEETING
Wednesday, July 21, 2021, 6:00pm
Yorkville City Hall, Conference Room
800 Game Farm Road

In accordance with Public Act 101-0640 and Gubernatorial Disaster Proclamation issued by Governor Pritzker pursuant to the powers vested in the Governor under the Illinois Emergency Management Agency Act, the United City of Yorkville is encouraging social distancing during the pandemic by allowing remote attendance for this meeting.

NOTE: All attendees were in-person

IN ATTENDANCE:

Committee Members

Chairman Matt Marek

Alderman Joe Plocher

Alderman Ken Koch

Absent: Alderman Jason Peterson

Other City Officials

City Administrator Bart Olson

Assistant City Administrator Erin Willrett

Engineer Brad Sanderson, EEI

Public Works Director Eric Dhuse

Other Guests:

Lucas Robinson, *Kendall County Record*

The meeting was called to order at 6:00pm by Chairman Matt Marek.

Citizen Comments: None

Previous Meeting Minutes: June 15, 2021

The minutes were approved as presented.

New Business:

1. PW 2021-46 Capital Improvement Projects Update

Mr. Sanderson commented on a couple of the projects. The base program is nearly complete with the final surfaces on most streets. The extra work projects have not begun yet, but D Construction has taken some of the preliminary steps including JULIE locates and removal of curb and concrete. He said the Mill Road construction is progressing but, will not be finished until November. Mr. Olson

noted the money has been received from Grande Reserve for this project. The Elizabeth and Appletree Court jobs should be done within a month. Alderman Koch asked about the striping especially on Greenbriar, which will be scheduled soon. The status of other striping was also noted.

2. PW 2021-47 Quarterly Bond and Letter of Credit Reduction Summary

Mr. Sanderson said this is the standard report and there was a minimal amount of reduction activity.

3. PW 2021-48 E. Main Street Improvements – Design Engineering Agreement

Mr. Olson said the city has an engineering agreement with EEI for this project, which is part of the Road to Better Roads for next year. He said it is a fixed amount of \$96,000 which is budgeted. He recommended approval and this moves on to City Council.

4. PW 2021-49 2021 Sidewalk Program – Contract Award

Mr. Sanderson said bids were taken on June 25th and many were received. Schroeder and Schroeder was below estimate at \$139,654.75 and was recommended to be awarded the bid. If approved by City Council, work should start in September and conclude in October. Several downtown sidewalks as well as Beecher will be improved and the remaining budget for this work is about \$150,000. The committee agreed to move this forward to City Council.

5. PW 2021-50 Building Updates

Mr. Olson said the Public Works building space needs analysis is underway and staff level meetings were held with Parks & Rec. Staff will also tour some local Public Works buildings over the next few weeks. They will consider if the existing buildings will be added onto or do new construction. All options are being considered with design decisions being made this fall. Mr. Dhuse said the Tower Lane location will always be kept due to the water tower there and may also serve as storage.

6. PW 2021-51 Bucket Truck Purchase & FY 22 Budget Amendment

Mr. Dhuse said the bucket truck is failing and a new one cannot be obtained from the dealer for about 2 years. This proposal is to upgrade to a much taller truck that can also be used for changing light bulbs on the bridge since the cost for a vendor to do this is \$300-\$400 per light bulb. This truck would also allow staff to set their own light poles. The cost for this truck is over \$200,000 which is an unbudgeted expense. Finance Director Fredrickson researched this matter and found that the Fund Balance can pay for the truck and a Budget Amendment will be approved for the current budget year. It would then be placed in the 2023 budget. This will allow the dealer to start the process for a new truck. Mr. Dhuse said he will sell the 2006 truck that sets poles when the new truck is received. This moves forward to City Council and will require a super majority vote.

Old Business: None

Additional Business:

There was no further business and the meeting adjourned at 6:16pm.

Minutes respectfully transcribed by
Marlys Young, Minute Taker



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Community Development	<input type="checkbox"/>
Purchasing	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

New Business #1

Tracking Number

PW 2021-52

Agenda Item Summary Memo

Title: Water Conservation Ordinance Update

Meeting and Date: Public Works Committee – August 17, 2021

Synopsis: Ordinance Update Consideration

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: None

Council Action Requested: Direction to Update Ordinances

Submitted by: Brad Sanderson Engineering
Name Department

Agenda Item Notes:



Memorandum

To: Bart Olson, City Administrator
From: Brad Sanderson, EEI
CC: Eric Dhuse, Director of Public Works
Jori Behland, Deputy City Clerk

Date: August 10, 2021
Subject: Water Conservation Ordinance Update

This memo is to comment on the City's current water conservation ordinance, located in section 7-5-15 of the City Code.

Background:

As the City considers its long-term water supply, the importance of water conservation is critical no matter what source is utilized. The benefits of water conservation practices include a delayed need for infrastructure, the ability to construct smaller facilities as well as benefits to the environment.

Lake Michigan water is one source the City is considering for its long-term supply. This source has specific conservation requirements and modifications to the City's current ordinance will be required if the City will seek an allocation permit.

Discussion:

The Illinois Department of Natural Resources (IDNR) is responsible for governing the allocation when it comes to the Lake Michigan water source.

Listed below are the IDNR's Conservation Practices that are included in the water conservation criteria in Part 3730 of the IDNR's allocation rules, including Sections 3730.304 and 3730.307. Based on reviewing the current City's ordinances, the following conservation practices are recommended to be adopted prior to requesting a Lake Michigan allocation permit:

1. Leakage monitoring and correction for storage, transmission, and distribution systems.
2. Metering of all new construction. When practicable and feasible, the Department recommends sub-metering in new multi-family buildings.
3. Metering of existing non-metered services as part of any major remodeling.
4. The adoption of ordinances requiring that new and replacement plumbing fixtures be a labeled WaterSense product, as specified by USEPA.

5. The adoption of ordinances requiring the installation of closed system air conditioning in all new construction and in all remodeling.
6. The adoption of ordinances requiring that all lavatories for public use in new construction or remodeling be equipped with metering or self-closing faucets.
7. The adoption of ordinances requiring that all newly constructed or remodeled car wash installations be equipped with a water recycling system.
8. The adoption of ordinances that restrict non-essential outside water uses to prevent excessive, wasteful use. These shall provide that unrestricted lawn sprinkling will not be allowed from May 15 through September 15 of each year by requiring, as a minimum, that lawn sprinkling shall not occur on consecutive days nor shall any lawn sprinkling occur during at least a 6-hour period in the middle of the day (i.e., 10 a.m. through 4 p.m., noon to 6 p.m.) when evapotranspiration is at its highest. New lawns (less than 3 months old) may be exempted from this provision. In addition, new/replacement sprinkler systems shall be equipped with a WaterSense labeled irrigation controller and shall be in compliance with Section 2.5(g) of the Illinois Plumbing License Law [225 ILCS 320].

The Cities Water Conservation Ordinance includes the non-essential water use restrictions. IDNR recommends using WaterSense labeled irrigation controllers for new/replacement sprinkler systems.

9. Development and implementation of public programs to encourage efficient water use.

Note that the adoption of these changes is mandatory if the City is to obtain a Lake Michigan allocation.

The City may want to consider adopting these requirements regardless of the water source as these regulations represent good conservation practices.

Question Presented:

Should the City move forward with the adoption of the additional water conservation ordinances?

Action Required:

Direction of staff to prepare the appropriate ordinances.