



1622 FORDEM AVENUE SANITARY SEWER REPLACEMENT

**Public Preconstruction Meeting
by City of Madison Engineering Division
November 28, 2021**

- ✓ This meeting will be **recorded** and posted to the City's project page.
- ✓ All attendees should stay be **muted** to keep background noise to a minimum.
- ✓ You may use the **“raise hand”** option at the bottom if you have something that required immediate clarification.
- ✓ Use **“chat”** option if you are having technical issues and a staff person can try to assist.
- ✓ Please use the **“Q&A”** option at the bottom of the screen to type your question. Questions will be answered at the end of the presentation. Inappropriate questions may be dismissed.
- ✓ If you cannot ask via typing your question, use the “raise hand” option and you will be unmuted when it is your turn.



This meeting is being recorded.

It is a public record subject to disclosure.

By continuing to be in the meeting, you are consenting to being recorded and consenting to this record being released to public record requestors.

How to Participate

The screenshot displays a Zoom meeting interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a shared Excel spreadsheet with a ribbon menu and a grid of data. A "City of Madison" window is visible in the top right. In the center, a dark overlay contains two audio options: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is positioned below these options, with a red arrow pointing to it. At the bottom left, a "Join Audio" button with a headset icon is also highlighted by a red arrow. The bottom right corner features a "Leave Webinar" button. The Zoom control bar at the very bottom includes icons for "Join Audio", "Q&A", "Chat", and "Raise Hand".

Make sure to join audio

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Raise your hand to be unmuted
For comments or ask additional questions.

How to Participate

The screenshot displays a Zoom webinar interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a shared Excel spreadsheet with a ribbon menu and a grid of data. A "City of Madison" logo is visible in the top right corner of the shared content. In the center, there are two buttons: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is positioned below these. At the bottom of the interface, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Chat" icon. In the bottom right corner, there is a "Leave Webinar" button.



Use chat if you have technical issues or a question for the panelists

How to Participate

The screenshot displays a Zoom meeting interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. The main content is a shared Excel spreadsheet with a "City of Madison" watermark. The spreadsheet shows a calendar for 2019 and 2020. In the bottom toolbar, the "Join Audio" button is highlighted with a red arrow. Other buttons include "Phone Call", "Computer Audio", "Q&A", "Chat", and "Raise Hand". A "Leave Webinar" button is in the bottom right corner.

Recording

You are viewing City of Madison's screen View Options

City of Madison

Phone Call

Computer Audio

Join Audio by Computer

Join Audio

Q&A Chat Raise Hand

Leave Webinar



Use Q/A if you have questions.
We will answer after the presentation

How to Participate

The screenshot displays a Zoom meeting interface. At the top, a green banner indicates "You are viewing City of Madison's screen" with a "View Options" dropdown. The shared screen shows a Microsoft Excel spreadsheet with a "City of Madison" title bar. The spreadsheet contains a calendar for 2019 and 2020. Below the spreadsheet, there are two buttons: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is highlighted. At the bottom of the Zoom window, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red "Leave Webinar" button is located in the bottom right corner.

To leave the meeting click here

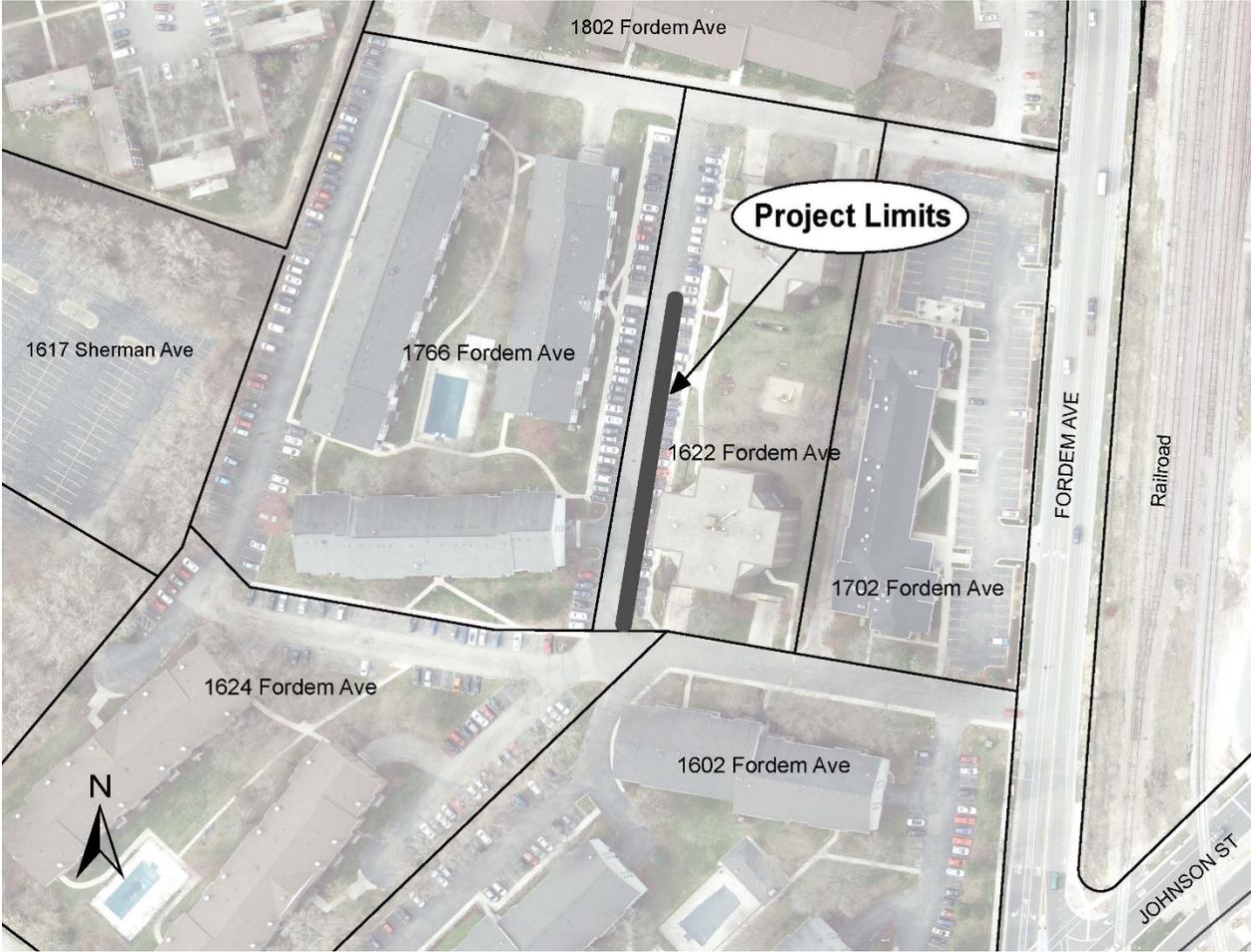


Presentation Preview

- Project Location
- Existing Conditions
- City Utility Replacement
- Proposed Design
- Construction & Access
- Assessment Policy & Cost
- Project Schedule
- Q&A



Project Location



Existing Conditions

Item	Existing Condition
Last Surfaced	Unknown. Privately Maintained.
Pavement Surface Evaluation & Rating	N/A
Curb Rating	N/A
Width	20' Sanitary Sewer Easement
Surface	Asphalt
Sidewalk	N/A
Sanitary	Acrylonitrile Butadiene Styrene (ABS) Pipe. 8" Diameter. From 1981.
Water	PVC Pipe. 8" Diameter. From 1981.
Storm	Unknown. Privately Maintained.



Existing Conditions



- ▶ Sagging Sewer – Additional maintenance costs and potential cause of backups



- ▶ Fractures – Structural damage to pipe.

City Utility Replacement Options

- ▶ Option 1 – Cured In Place Pipe Lining
 - Not a viable option due to pipe sags
- ▶ Option 2 – Pipe Bursting
 - Not a viable option due to pipe sags.
 - Would still require some excavation
- ▶ Option 3 – Open Cut Replacement
 - Allows for repair of all pipe defects.

City Utility Replacement – Open Cut Details

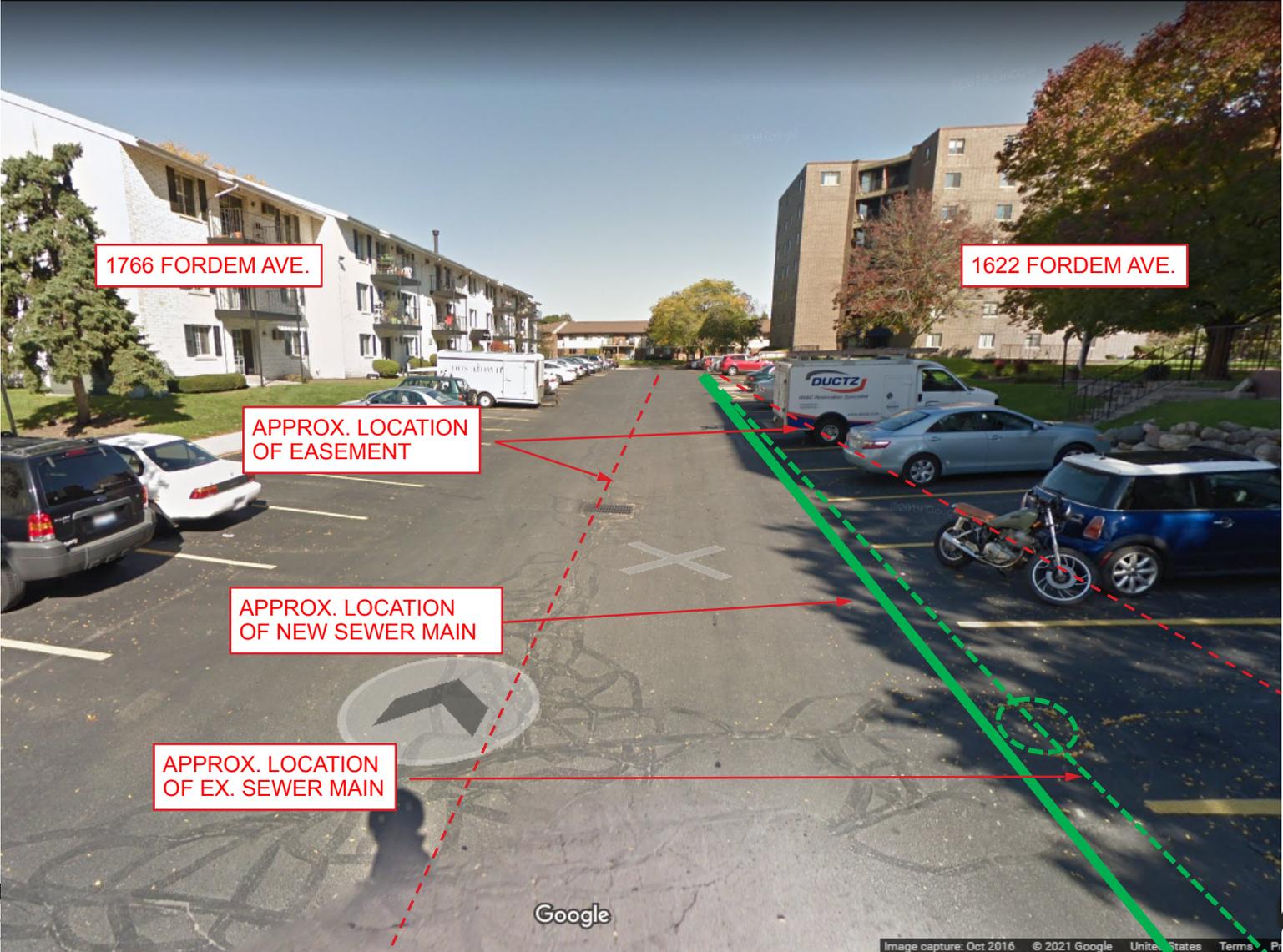
➤ Sanitary Sewer

- Existing Main – Installed in 1981. Main has a diameter of 8” and constructed of a common plastic material known as Acrylonitrile Butadiene Styrene (ABS).
- Replace existing main with 8” PVC Pipe in nearly the same location.
- Reconnect existing lateral connection to the new main. Laterals will not be replaced with this project.

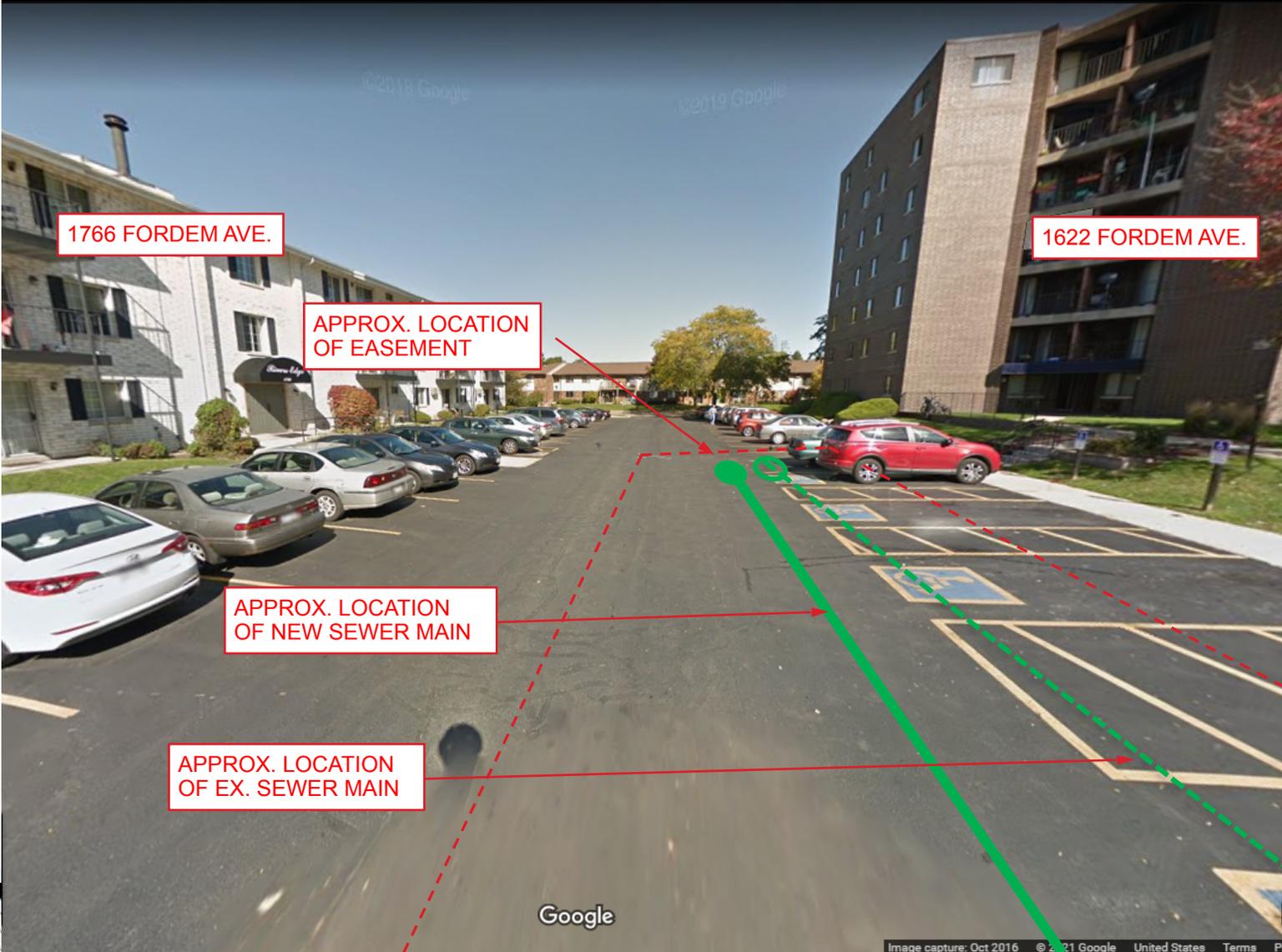
Proposed Design



Proposed Design



Proposed Design



Construction & Access

- Work will occur within a 20' sanitary sewer easement,
- Easement location is in parking lot between 1766 Fordem Ave and 1622 Fordem Ave.
- Approx. 32 parking spots for 1622 Fordem Ave will be affected at some time during construction.
- A handicap ramp and sidewalk access will be available at all times during the project.

Construction & Access

- ▶ Temporary parking locations are plan to be used.
- ▶ Contractor will be required to only close 15 parking spots at any given time.
- ▶ Contact Project Engineer if special accommodations are needed.



Assessment Policy & Costs

- There will be no assessments to residents as part of this project.

Project Schedule

- 11/3/2021: BPW Approving Plans and Specifications, Public Hearing
- 11/16/2021: Common Council Approving Plans and Specifications, Public Hearing
- 11/18/2021: Advertise for Bids
- 4/1/2022: Approx. Begin Construction
- 4/28/2022: Approx. End Construction

Contact Information & Resources

- Engineering
 - Project Engineer, Kyle Frank, 608-266-4098, kfrank@cityofmadison.com
- Project Website: cityofmadison.com/engineering/projects/fordem-avenue-sanitary-sewer-replacement
 - Sign-up for project email updates on the website
 - Updates on closures & work progress will be posted to the project website
- Facebook – City of Madison Engineering
- Twitter – @MadisonEngr
- Engineering Podcast: Everyday Engineering on iTunes, GooglePlay