



South Owen Drive, Keating Terrace & Caromar Drive Resurfacing- 2022

**Public Information Meeting
by City of Madison Engineering Division
January 24, 2022**

- ✓ 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 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 Microsoft Excel spreadsheet showing a calendar for 2019 and 2020. The spreadsheet has columns for months and rows for years. A "City of Madison" logo is visible in the top right corner of the spreadsheet area. In the center, there are 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 of the interface, there is a "Join Audio" button with a headset icon and a green arrow, also with a red arrow pointing to it. Other bottom controls include "Q&A", "Chat", "Raise Hand", and "Leave Webinar".

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

Make sure to join audio

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. A "City of Madison" name tag is visible on the right. In the center, a "Phone Call" window is open, and a "Computer Audio" window is also present. A large blue button labeled "Join Audio by Computer" is centered on the screen. At the bottom, a toolbar includes "Join Audio", "Q&A", "Chat", "Raise Hand", and "Leave Webinar". A red arrow points to the "Raise Hand" icon.

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

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

How to Participate

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

How to Participate

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To leave the meeting  click here

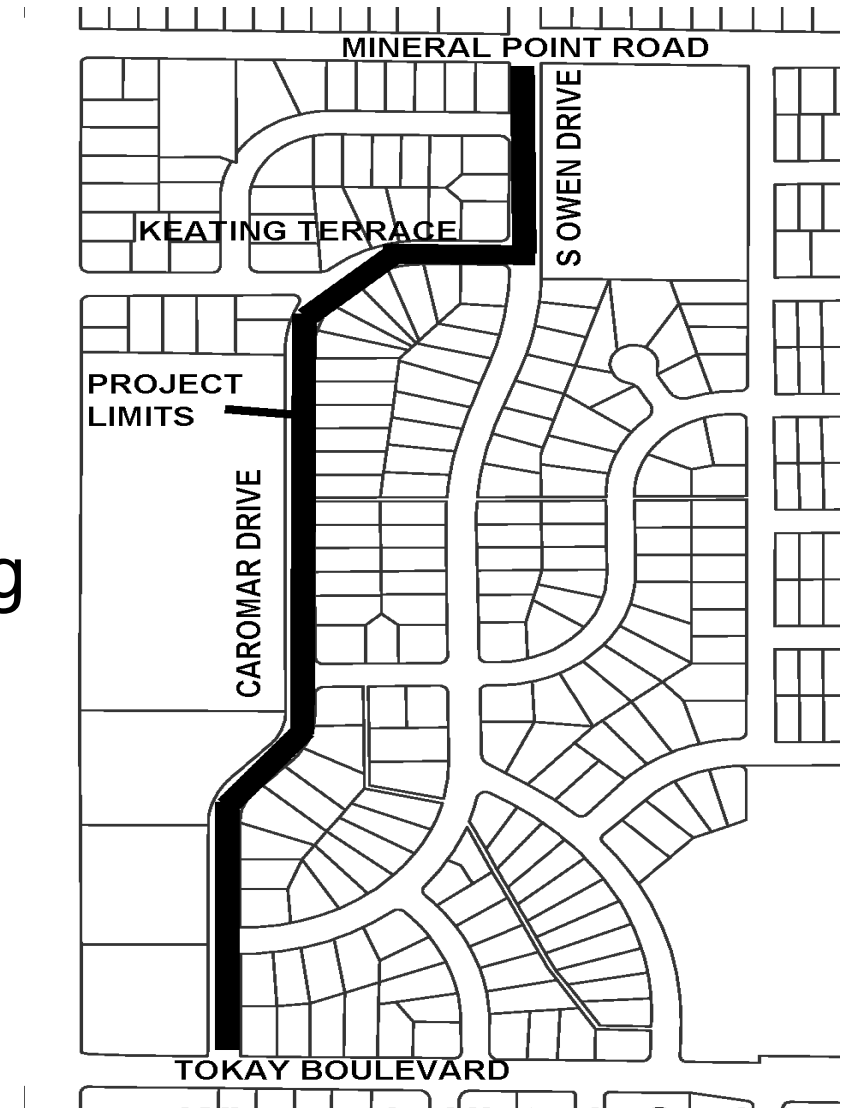
Presentation Outline

- ▶ Project location
- ▶ Existing Conditions
- ▶ Scope of Project
- ▶ Construction and Access
- ▶ Assessment Policy and Costs
- ▶ Project Schedule
- ▶ Contact Info and Resources



Project Location

- South Owen Drive: Mineral Point to Keating
- Keating Terrace: S. Owen to Caromar
- Caromar Drive: Keating to Tokay



Existing Conditions

Item	Existing Condition
Last Surfaced	1991(Keating and Caromar) 1997 (Owen)
Pavement Surface Rating	4-5 out of 10
Curb Rating	7 out of 10
Width	All streets will remain at its existing width of 30-36' face to face
Surface	Asphalt
Sidewalk	Repair as needed
Sanitary	Replace Sewer main and laterals
Water	No work proposed
Storm	Upgrade and rain gardens if desired

Pavment Surface and Curb Evaluation Ratings	
Quality	Rating
Excellent	9-10
Good	7-8
Fair	5-6
Poor	3-4
Failed	1-2

Existing pavement, curb and driveway conditions on Caromar Drive



Caromar Drive Pavement



Keating Terrace curb and gutter issues



Existing Conditions

- ▶ Sanitary Sewer
 - Caromar Drive 1948, 8" diameter, clay pipe.



Gaps, cracks, and breaks in pipe are common in the area

Scope of Project

- ▶ Underground Utilities
 - Replace sanitary sewer mains with new 8" PVC pipes.
 - Replace all sanitary sewer laterals along new main with new 6" PVC pipes. Replacement is from new main to the property line.
 - Storm sewer improvements including new pipes and inlets.

Scope of Project

▶ Streets & Sidewalks

- Replace all existing pavement.
- Spot replace curbs and gutters that are damaged or have drainage issues
- Replace driveway aprons as needed due to condition or sanitary laterals.
- Replace sidewalk in poor condition or are above the sanitary sewer lateral.
- Replace all pedestrian ramps not meeting A.D.A. design standards.
- Install pervious pavement
- Terrace rain gardens

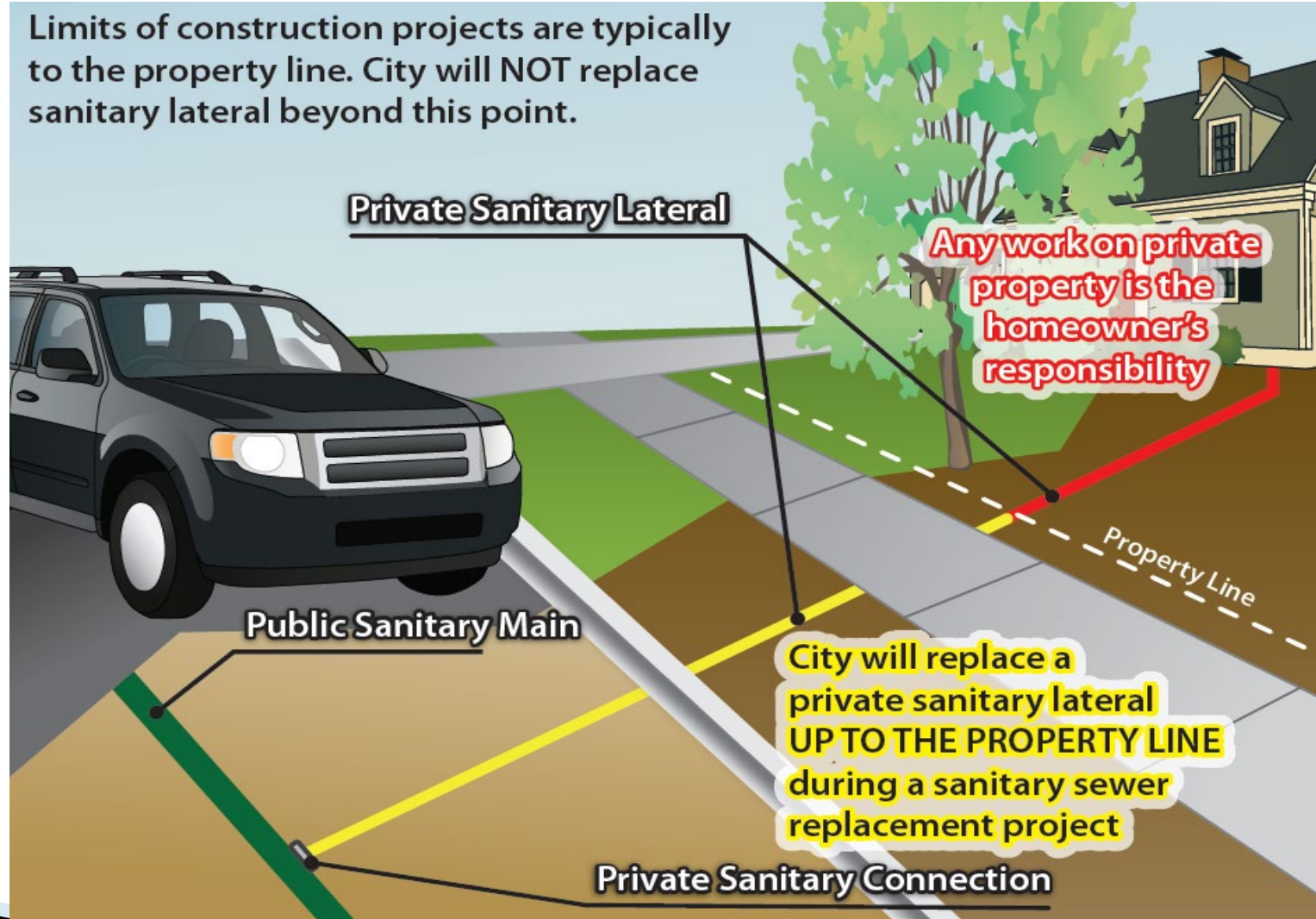
Impact on Trees

- ▶ There are 2 trees that need to be removed due to poor condition
- ▶ 505 Caromar Drive(23” Maple) and 4322 Keating Terrace(33” Hackberry).
- ▶ City Forestry will prune the trees within the project limits prior to the start of construction.
- ▶ If, during the course of construction, it is determined that any additional trees must be removed, adjacent property owners will be notified, prior to removal of the tree.

Proposed Design

Utility Details – Sewer Lateral

Limits of construction projects are typically to the property line. City will NOT replace sanitary lateral beyond this point.



Proposed Design

▶ Goals

- Improve pavement quality.
- Improve existing roadway drainage conditions with curb replacement.
- Improve pedestrian ramps to accommodate all users including people with disabilities.
- Improve sanitary sewer flow capacity and minimizing future failures.



Construction & Access

- ▶ Construction is expected to begin in June of 2022.
- ▶ Construction will have a duration of approximately 3 months.
- ▶ Roads will be closed to thru traffic during the project.
- ▶ Local traffic will remain open during construction except during paving operations.
- ▶ Residential driveways may be closed up to 20 days for concrete installation, can be closed a couple of hours if lateral is under.
- ▶ Commercial Driveway access will be maintained at all times.
- ▶ Allowed working hours are 7:00 am to 7:00 pm Monday – Saturday and 10:00 am to 7:00 pm Sundays.
- ▶ On street parking will not be allowed during construction hours.

Construction & Access

- ▶ Most of the terraces in the right-of-way will get disturbed, due to sanitary lateral installation and storm sewer installation.
 - Please remove any plantings, raised beds, structures, stone landscaping, retaining walls, pavers, railings, etc. that you wish to save from the terrace prior to construction.
 - Contractor will not replace/reinstall these items.
 - Disturbed areas will be restored with topsoil, seed, and matting.

Terrace Rain Gardens



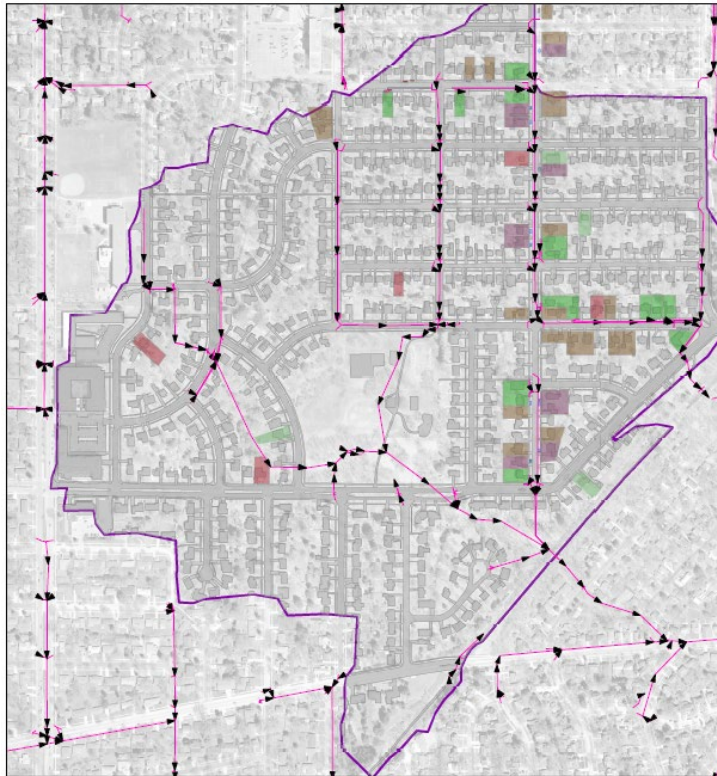
- ▶ Terrace Rain Gardens: Property owners may be eligible for a terrace rain garden installation as part of this street project if the site meets certain criteria.
 - The terrace must have a minimum area of 8' X 10' in a relatively flat, open space away from trees, vision triangles and utilities.
 - Rain gardens are partially assessable upto \$100.00.
 - Rain garden maintenance would be the homeowner's responsibility, if installed.
- ▶ If you are interested, please contact Carissa Wegner of City Engineering (261-9822) or at cwegner@cityofmadison.com
- ▶ More information on the Terrace Rain Garden program is available on the website below.

www.cityofmadison.com/engineering/stormwater/raingardens/terraceraingardens.com

CITY OF MADISON



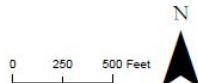
Pilot Study



Green Infrastructure Study Area

Parcels
GI_Options
Private Rain Garden
Rain Barrel
Rain Basin
Rain Garden
Rock Crib

Midmaps_DATA_ADM_pipes
StudyArea_FinalImpervious_INT



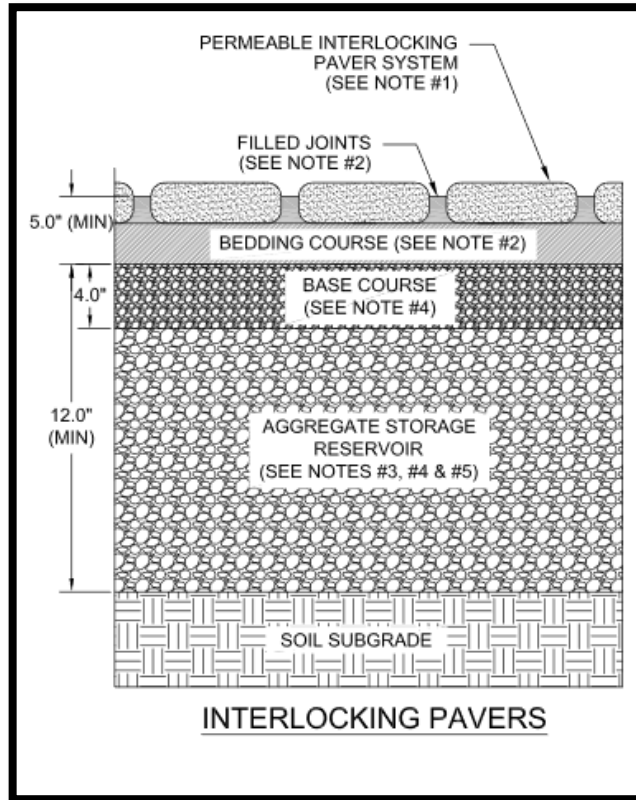
Public Installation Quantities

- Stormwater Terraces
 - Rain Gardens :12
 - Rain Basins: 22
- Permeable Streets
 - Parking lane of Euclid and St. Clair
6,334 sf
- Rock Cribs : 14
- Sidewalk Drains :129

Private Installation Quantities

- 8 Rain Gardens
 - 5 Rain Barrels
-
- Total Impervious Draining to GI: ~4%

Permeable Road Surface



<https://dnr.wi.gov/topic/stormwater/documents/1008PermeablePavement.pdf>

- Water flows through the driving surface into a rock crib
- This soaks into the ground or is carried to storm sewer
- Treats and slows runoff
- Needs Maintenance - Vacuuming
- Chloride is an issue as it can end up in ground water

Private Property Rain Garden



Advantages

- More space in yards than in terraces
- Receives roof water instead of street water
 - Less pollutants in supply water
 - Reduces maintenance
 - Improves quality of groundwater recharge
- Less competition for space
- Native plants provide habitat
- Up to \$1000 reimbursement for residents in the pilot study

Assessment Policy & Costs

- ▶ Assessment cost per property will vary depending on frontage length and the quantity of assessable items.
- ▶ Resurfacing assessments will vary based on condition.
- ▶ Some properties don't have sanitary laterals and or curb and sidewalk that needs repair.
- ▶ All sidewalk ramps that get replaced for ADA accessibility will not be assessed. The city will pay for all these repairs.
- ▶ Residents can contact the project manager for additional details.

Assessment Policy & Costs

Item	Property Owner Share	City Share
Curb & Gutter and sidewalks	50%	50%
Driveway Aprons	50%	50%
Private Storm Connection	100%	0%
Terrace Rain Gardens	\$100	the rest
Sanitary Laterals to property line	25%	75%
Storm Sewer Main	0%	100%
Sanitary Sewer Main	0%	100%



Assessment Policy & Costs

- ▶ Assessments can be paid in lump sum or over 8 years with 2% interest.
- ▶ Corner lots (single or two family residential) receive 50% assessments for sidewalk and curb
- ▶ Final assessments are determined by the contract bid prices and will be mailed in the summer of 2023, following the project completion.



Project Schedule

- March 10, 2022: Advertise for Bids
- February 2, 2022: BPW Public Hearing
- February 22, 2022: Common Council Hearing
- June 2022: Begin Construction
- August 2022: End Construction

Contact Information & Resources

- Engineering
 - Project Engineer: Steve Sonntag, 608-267-1997 ssonntag@cityofmadison.com
 - Storm & Sanitary Engineer: Matt Allie, 608-266-4058, mallie@cityofmadison.com
 - Rain Gardens: Carissa Wegner, 608-261-9822, cwegner@cityofmadison.com
 - Green Infrastructure.: Phil Gaebler, 608-266-4059, pgaebler@cityofmadison.com
 - Construction Engineer: John Fahrney, 608-266-9091, jfahrney@cityofmadison.com
- Project Website: <https://www.cityofmadison.com/engineering/projects/south-owen-drive-keating-terrace-and-caromar-drive-resurfacing>
- 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