

# St. Paul Ave, Ohio Ave, Talmadge St, Jackson St and Lafollette Ave Reconstruction 2022



**Public Informational Meeting  
by City of Madison Engineering Division  
Tuesday, November 30<sup>th</sup> 2021 &  
Wednesday, December 1<sup>st</sup> 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.



**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 with a ribbon and a grid. A "City of Madison" logo is visible in the top right. A dark overlay contains two buttons: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is centered in the overlay, with a red arrow pointing to it. At the bottom of the interface, a toolbar includes a "Join Audio" button (with a red arrow pointing to it), "Q&A", "Chat", and "Raise Hand" buttons. A "Leave Webinar" button is in the bottom right corner.

Make sure to join audio

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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

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

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To leave the meeting click here





# Meeting Outline

- Project Limits & Scope
- Overview of Underground Utilities
- Existing Roadway Conditions
- Proposed Street Work & Design
- Assessments
- General Construction Info
- Schedule
- Q&A



# Project Location



# Scope of Work

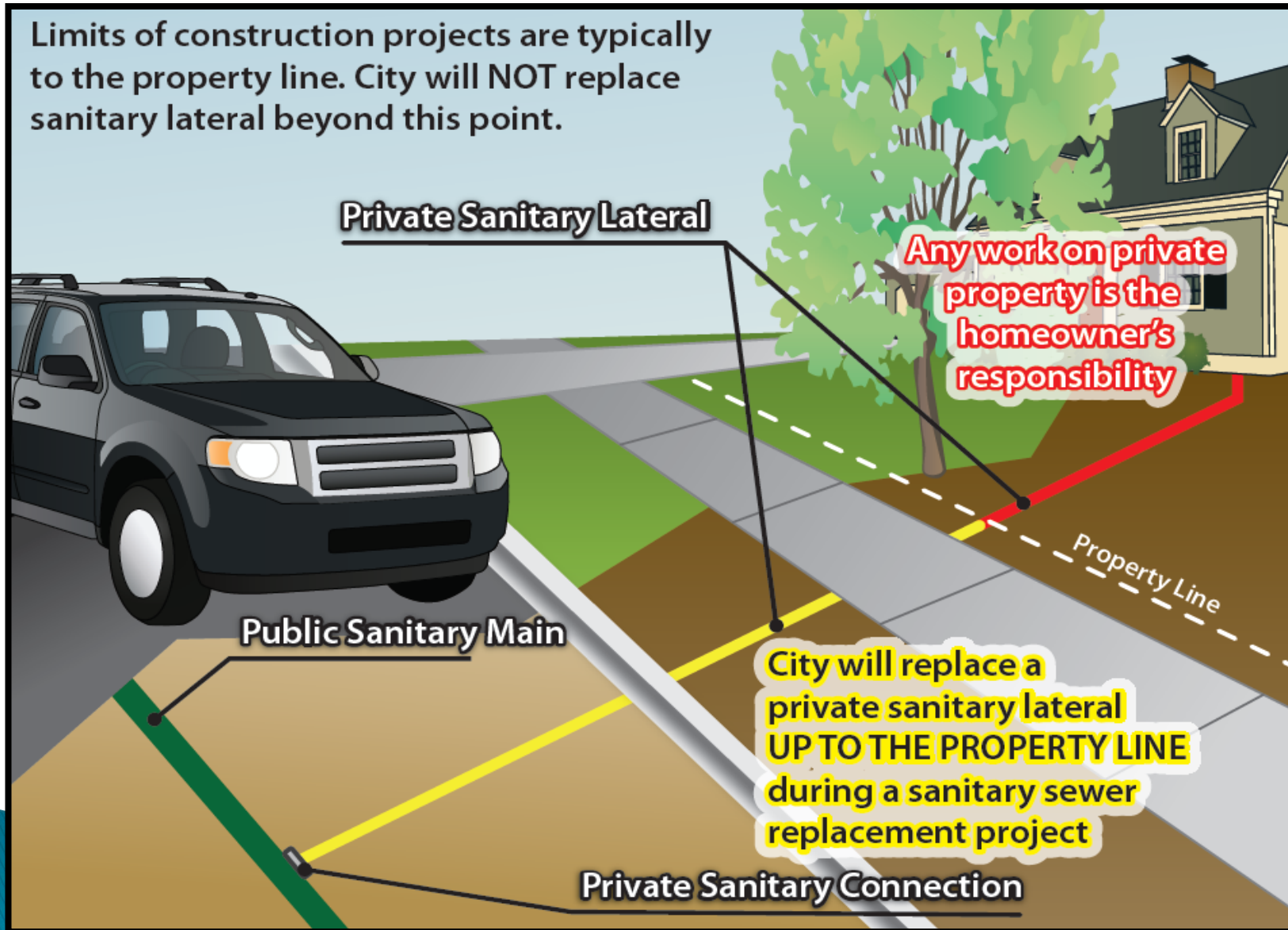
- Replace City Utilities
  - Sanitary Sewer Main & Laterals
  - Storm Sewer
  - No Water Main work
  - MG&E Gas Replacement
    - Separate from City Project
- Replace Street Infrastructure
  - Street Pavement & Gravel Base
  - Curb & Gutter
  - Driveway Aprons
  - Sidewalk & Pedestrian Ramps as needed  
(due to condition or utility work)

# City Utility Work – Sanitary Sewer

- Existing Sanitary sewer
  - St. Paul Ave (Western–End to Corry St)
    - Installed 1910–1920 | 6–8” Diameter Clay Pipe
  - Ohio Ave (Bashford to Northern–End)
    - Installed 1923 | 6” Diameter Clay Pipe
  - Talmadge St (St. Paul to Northern–End)
    - Installed 1920s | 6” Diameter Clay Pipe
  - Lafollette Ave (Ohio to Waubesa)
    - Installed 1920s | 8–10” Diameter Clay Pipe
- Proposed Sanitary Sewer
  - Replace Sanitary Main with minimum 8” PVC Pipe
  - Replace Sanitary Laterals from Sewer Main to Property Line with 6” PVC Pipe
  - Sanitary work in Green Space between St Paul Cul–de–Sac and Dunning St
    - Tree & Shrub removals as needed

# City Utility Work – Sanitary Sewer Laterals

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



## Sanitary Sewer Laterals

# City Utility Work – Storm Sewer

## ▶ Existing Storm Sewer

- ▶ St. Paul Ave (Talmadge to Corry) = Installed 1920s | 12” Diameter Clay Pipe
  - ▶ Storm Sewer at St Paul Intersections = Installed 1970s | 12” RCP
- ▶ Ohio Ave (Bashford to Northern-End) = No Storm Sewer
- ▶ Talmadge St (St. Paul to Northern-End) = No Storm Sewer
- ▶ Lafollette Ave (Ohio to Waubesa) = Installed 1920s | 12”,15”,18” Diameter Clay Pipe

## ▶ Proposed Storm Sewer

- Replace all Existing Storm Sewer
- Extending Storm Sewer up Ohio Ave and Talmadge St as needed
  - Fill gaps and collect stormwater before reaching intersections
- Upsize along St Paul
- Reconfigure storm sewer at Cap City @ Ohio & Jackson for raised path crossings
- Ultimate goal to route stormwater to Atwood and upsize storm sewer on Atwood with a future project – pending engineering evaluation

# Existing Condition of Streets

| Item                                | Existing Condition  |
|-------------------------------------|---|
| Pavement Surface Rating (Out of 10) | St. Paul Ave = 5   Ohio Ave = 5   Talmdage St = 5   Jackson St = 4   Lafollette Ave = 3   |
| Curb (Out of 10)                    | St. Paul Ave = 4–5   Ohio Ave = 2–4   Talmdage St = 2   Jackson St = 4   Lafollette Ave = 2-4   |
| Sidewalk                            | Sidewalk on both sides of all streets, except south-side of St. Paul (garden-side)<br>Non-ADA compliant Pedestrian Ramps  |
| Width (Curb-to-Curb)                | St. Paul Ave = 26-28'   Ohio Ave = 26-28'   Talmadge St = 26'   Jackson St = 26'   Lafollette Ave = 28'   |
| Traffic Volumes/Speeds              | No recent counts available. St. Paul Ave used as cut through b/w Atwood and Milwaukee   |
| On-street Parking                   | Parking allowed on both sides of all streets, except south-side of St. Paul (garden-side); Jackson St (b/w Atwood & St. Paul); and Ohio Ave (b/w Cap City & St. Paul) |

# Existing Conditions





# Proposed Street Work

- Replace Curb & Gutter
  - Improves Drainage
- New Asphalt Pavement & Gravel Base
- Replace Driveway Aprons
  - Goal to Improve Driveway Slope
  - Install New Standard
  - All Driveway Aprons will be Concrete
- Replace Sidewalk as needed due to:
  - Condition: Damaged, Offset, Poor Drainage
  - Utility Work: Sanitary Lateral Replacement
  - ADA-Compliant Pedestrian Ramps



# Proposed Design – Jackson St

- City Proposing to Redesign Jackson St (Between Atwood & St. Paul)
  - Convert from 2-Way to 1-Way, Southbound-Only
  - Eliminate Left-Turn onto Jackson from Atwood
    - Difficult Turning Movement
      - Near Signalized Dunning St Intersection
      - Close to Capital City Trail Crossing
  - Narrow Street to 15' Wide (26' Current)
    - 11' Travel Lane
    - Shorten Path Crossing
    - Traffic Calming
    - Create wider terraces, more green space
  - Stop/Yield Sign for SB Car Traffic @ Path
  - Maintain No Parking on Both Sides



# Proposed Design – Ohio Ave

- City Proposing to Redesign Ohio Ave (Between Atwood & St. Paul)
  - Convert from 2-Way to 1-Way, Northbound-Only
  - Narrow Street to 20' Wide (28' Current)
  - Eliminate Parking on Westerly-side
    - 4 Parking Stalls Lost
      - 3 Stalls used for outdoor dining (Ohio Tavern)
    - Maintain All Existing Parking on Easterly-side
  - Widen Terraces
    - Permanent Outdoor Dining Space
    - Convert Easterly Terrace to Grass
    - Potential Room for Tree Plantings
  - Stop/Yield Sign for NB Car Traffic @ Path



# Preliminary Survey Results

- 33 responses so far (Thank you!)
- Issues related to specific properties will be reviewed in more detail in near future
- Reconstruct Jackson St to 1-Way, Southbound-Only
  - Overall 81% prefer 1-Way Conversion
- Reconstruct Ohio Ave to 1-Way, Northbound-Only
  - Overall 84% prefer 1-Way Conversion
- Survey remains open until Tuesday, December 14<sup>th</sup>
- Rethinking your survey answers – email me (Aaron)
  - Contact Info on last slide

# Proposed Design – St. Paul Ave

- St. Paul Ave (b/w Western–End & Southern–leg of Corry St)
  - Proposing 25' Surface Width (26' to 28' Current)
    - Narrow Curb on Community Garden–side = Minimize Construction Impacts
    - Provide Traffic Calming = St Paul used as cut–through between Atwood and Milwaukee
- Maintain 2–Way Traffic & Parking on Northside–only

# Proposed Design – Capital City Trail

- Raised Path Crossings
  - Jackson St
  - Ohio Ave
- Traffic Calming for Street
  - Speed Humps
- Improve Crossing for Path
  - Level & Smooth
  - High-Visibility Green Paint



*Example Raised Crossing, Not Proposed Design*



# Proposed Design – BCycle Station

- Install New BCycle Bike-Share Station
  - Capital City Trail & Ohio Ave



# Proposed Design – RRFB @ Ohio & Atwood

- Install New Rectangular Rapid Flashing Beacon (RRFB)
  - Atwood Ave Pedestrian Crossing @ Ohio Ave
  - Solar-Powered
  - Better Warn Drivers of Pedestrian Crossing, Nighttime Visibility





# Review Plan



# Terrace Rain Garden



- ▶ Collects stormwater runoff from road
- ▶ 1 foot deep (from top of curb)
- ▶ Constructed and planted with native vegetation by City
- ▶ Maintained by residents
  - Maintenance guides are available
- ▶ **\$100** cost to residents
  - City typically pays \$3000 for construction and planting

# The Case for Rain Gardens

## Stormwater management:

- Stormwater runoff from the street is diverted into the rain garden where it can slow down and soak(infiltrate) into the ground instead of going into sewers, and then the lake. This can help minimize flooding and reduces nutrients from getting into lakes.
- Best option for ground water recharge.

## Pollinator habitat:

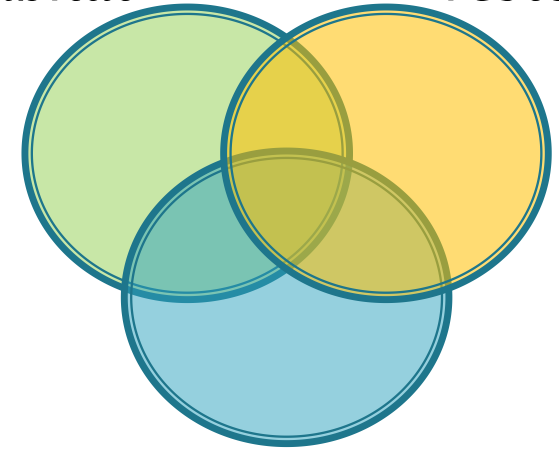
- Native plants provide food and nesting space for Wisconsin bees, butterflies, and moths (many of which are currently in decline).
- Flowers throughout the summer.

## Native plant restoration:

- Showcases native Wisconsin plant species
- Only a fraction of original prairie remains in Wisconsin.

Pollinator  
habitat

Native plant  
restoration



Stormwater  
management



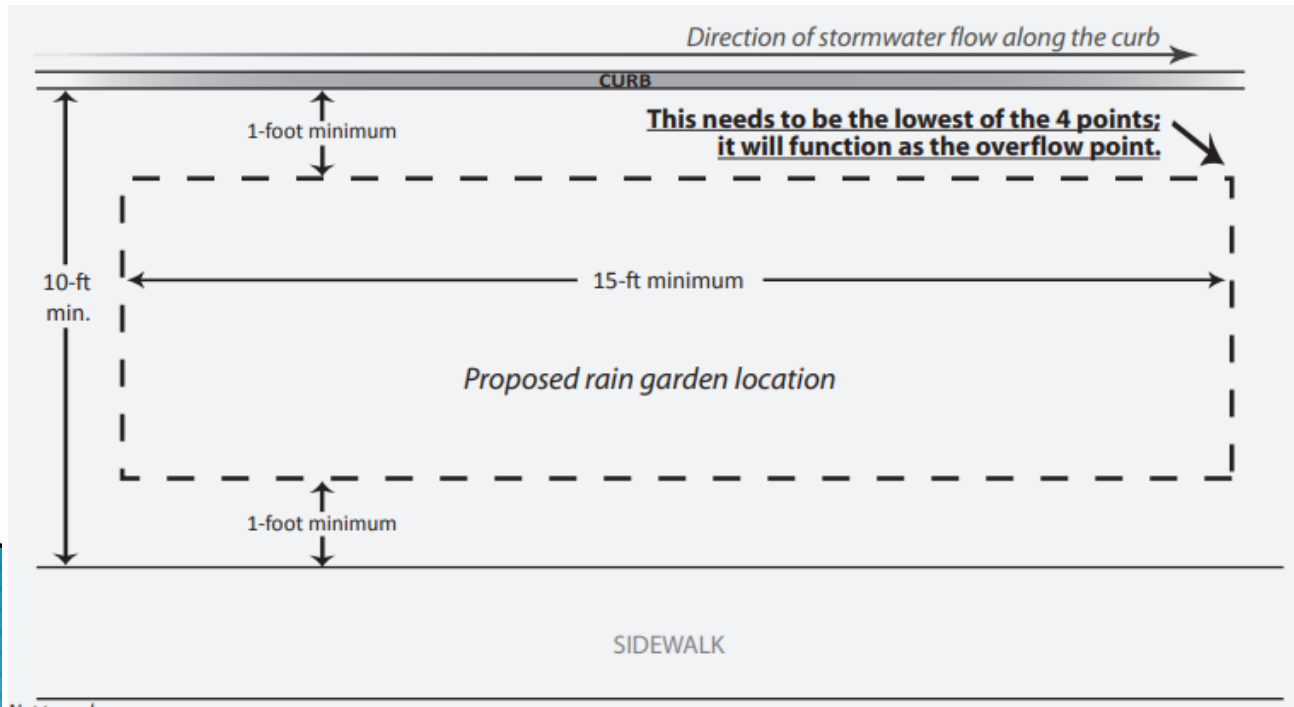
*Gardens can be interesting and a place for art. These fish start a lot of conversations.*

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# Typical Terrace Rain Garden Criteria

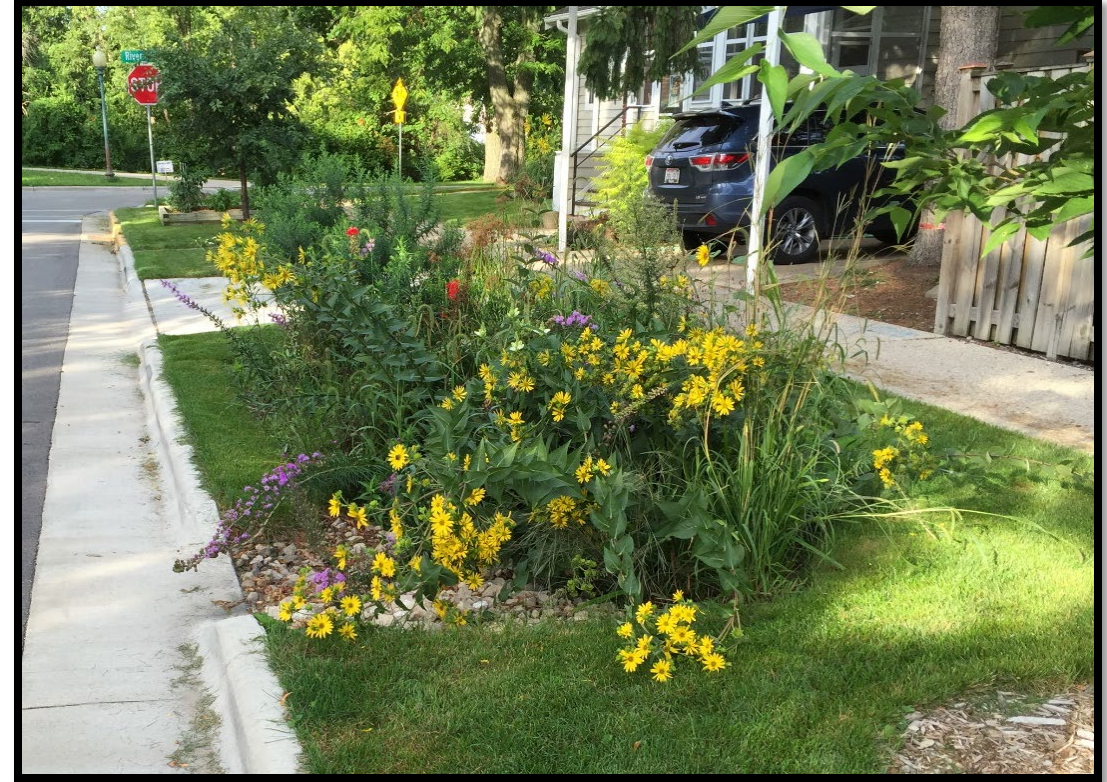
- ▶ Terrace must be at least 10 feet wide from back of curb to edge of sidewalk
- ▶ Rain garden will be a minimum of 15 feet long
- ▶ Trees need to be at least 10 feet from edge of rain garden
- ▶ Driveways and sidewalk ramps need to be at least 3 feet from edge of rain garden
- ▶ The rain garden needs to overflow back into the curb, away from the sidewalk/house
- ▶ The terrace cannot be too steep in either direction (lengthwise or crosswise)



# Do You Want a Terrace Rain Garden?

## ▶ Interested?

- The City will determine whether or not your terrace is suitable for a terrace rain garden
- If you didn't indicate interest on the survey, please contact Carissa Wegner directly:
  - Email: [cwegner@cityofmadison.com](mailto:cwegner@cityofmadison.com)
  - Phone: (608) 261-9822



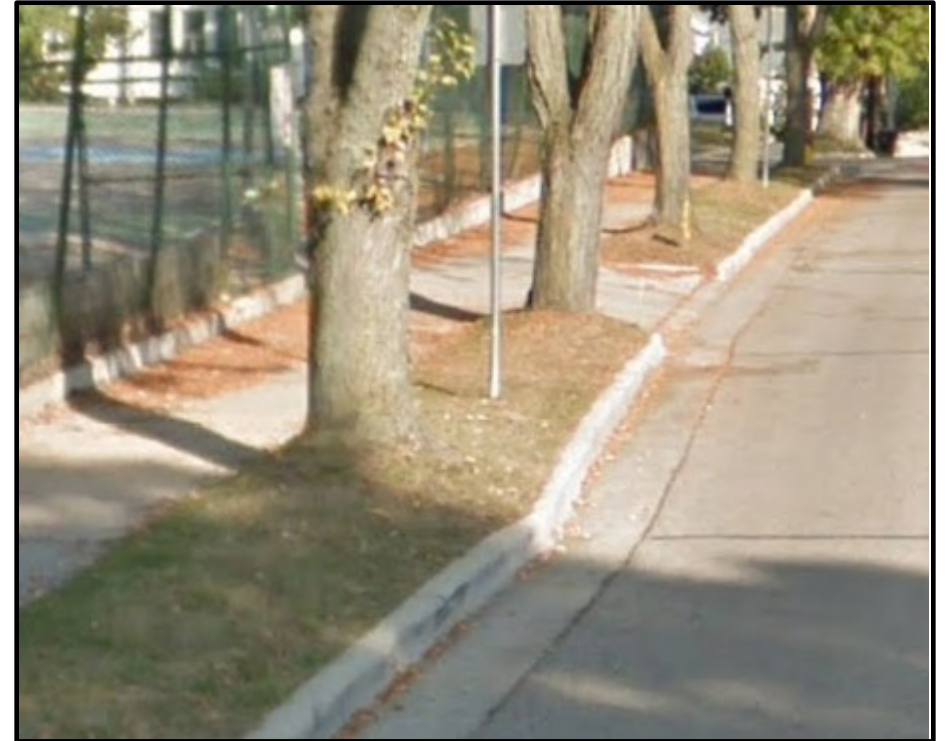
Learn more at: [www.cityofmadison.com/TerraceRainGardens](http://www.cityofmadison.com/TerraceRainGardens)

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# Forestry Information

- Trees will be pruned prior to construction
- Shrubs in Right-of-Way removed
- Forestry has reviewed
  - 10 Planned Tree Removals (due to health), shown on plan
- Preserve trees that will remain
  - Hand formed curb
  - Curves in sidewalk
  - Bend & limits of work for sewer laterals
- Forestry will review after construction for new plantings



# Assessment Policy & Costs

| Item                           | Property Owner Share | City Share |
|--------------------------------|----------------------|------------|
| Replace curb & gutter          | 50%                  | 50%        |
| Asphalt Pavement               | 0%                   | 100%       |
| Replace sidewalk               | 50%                  | 50%        |
| Replace driveway apron         | 50%                  | 50%        |
| New Sidewalk                   | 100%                 | 0%         |
| ADA compliant sidewalk ramps   | 0%                   | 100%       |
| Storm sewer                    | 0%                   | 100%       |
| Private Storm Connects, if any | 100%                 | 0%         |
| Terrace rain garden            | \$100                | Remainder  |
| Sanitary Sewer Main            | 0%                   | 100%       |
| Sanitary Sewer Laterals        | 25%                  | 75%        |
| Terrace tree replacement       | 0%                   | 100%       |

# Assessment Policy & Costs

- ▶ Preliminary, estimated assessments mailed prior to project
- ▶ Final assessments calculated following construction using measured quantities and actual bid prices
  - Final billing sent in summer after construction (2023 for this project)
- ▶ Assessments are payable in lump sum or in up to 8 installments at current interest rate (2% )



# Construction, Access, and Impacts

- Streets will be closed to thru traffic during construction
  - Local access maintained
  - Driveway access for majority of project, closed for up to 3 weeks
- Standard work hours 7AM–7PM Mon–Sat, 10AM–7PM Sun
- Any existing landscaping in the terrace will likely be disturbed
  - Anything you wish to save should be removed prior to construction
- Project may require temporary water shut-offs
- Contractor will need to pump ground water
  - Keep utility trenches dry and safe to complete utility work
  - Pumps will likely need to run over night
- Best guess construction timeframe: April 2022 thru Oct 2022
  - MG&E Gas replacement could extend construction timeframe



# Anticipated Project Schedule

- 12/03/2021: Mail Estimated Assessments, BPW Public Hearing Notice
- **12/06/2021 @ Noon-1:30pm: On-Site Q&A w/Engineer (meet @ St. Paul & Ohio)**
- 12/08/2021: Transportation Commission (held Virtually)
- 12/15/2021: BPW Public Hearing (held virtually)
- 01/04/2022: Common Council Hearing (held virtually)
- 01/20/2022: Advertise for Bids
- 04/18/2022: Begin Construction
- 10/21/2022: Approx. End Construction

# Contact Information & Resources

## ➤ City Staff

- Aaron Canton, Project Manager, 608-242-4763, [acanton@cityofmadison.com](mailto:acanton@cityofmadison.com)
- Kyle Frank, Utility Designer, 608-266-4098, [kfrank@cityofmadison.com](mailto:kfrank@cityofmadison.com)
- Jeremy Nash, Traffic Engineering, 608-266-6585, [aheinritz@cityofmadison.com](mailto:aheinritz@cityofmadison.com)
- Brad Hofmann, City Forestry, 608-267-4908, [bhofmann@cityofmadison.com](mailto:bhofmann@cityofmadison.com)

## ➤ Project Website: <https://www.cityofmadison.com/engineering/projects/st-paul-avenue-ohio-avenue-talmadge-street-jackson-street-lafollette-avenue-reconstruction>

## ➤ Sign-up for project email updates on the website

- Updates on closures & work progress will be posted to the project website
- Survey will remain open until 12/14/2021

## ➤ Facebook – City of Madison Engineering