



Starker Avenue Resurfacing With Utilities

Public Information Meeting
City of Madison Engineering Division
Thursday February 1, 2024 at 6:00 p.m

Thank you for attending. We will begin shortly...



Meeting Technical Housekeeping

- This meeting will be **recorded** and posted to the project page.
- All attendees should be **muted** to keep background noise to a minimum.
- Use the **“chat”** button for technical issues with meeting to troubleshoot with staff to assist.
- Use the **“Q and A”** button to type questions about presentation. Questions will be answered live after the presentation.
- Inappropriate questions may be dismissed.
- Use the **“raise your hand”** button to verbally ask your question. You will be prompted to unmute 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 in progress. At the top, a green banner indicates "You are viewing City of Madison's screen" and "View Options". The main content is a shared Microsoft Excel spreadsheet with a grid showing months from May to August for the years 2019 and 2020. A "City of Madison" logo is visible in the top right corner of the spreadsheet. Below the spreadsheet, 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 Zoom interface, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Join Audio" icon. In the bottom right corner of the Zoom window, there is a "Leave Webinar" button.



Make sure to join audio



How to Participate

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



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 Microsoft Excel spreadsheet. The spreadsheet has a header row with columns labeled A through Z. Row 1 contains the name "Sally" in column A, followed by a calendar for the year 2019 (columns K through X) and another calendar for the year 2020 (columns Y through Z). Below the spreadsheet, there are two audio options: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is centered below these options. At the bottom of the Zoom window, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A "Leave Webinar" button is located in the bottom right corner.

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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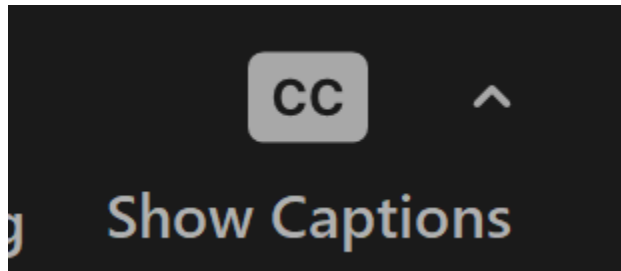
To leave the meeting
click here

CITY OF MADISON



Closed Captioning

- If you'd like to enable closed captioning, click “show closed captions” button on the bottom of the screen.
- This may already be enabled. If this is not enabled, click the button to allow closed captioning.



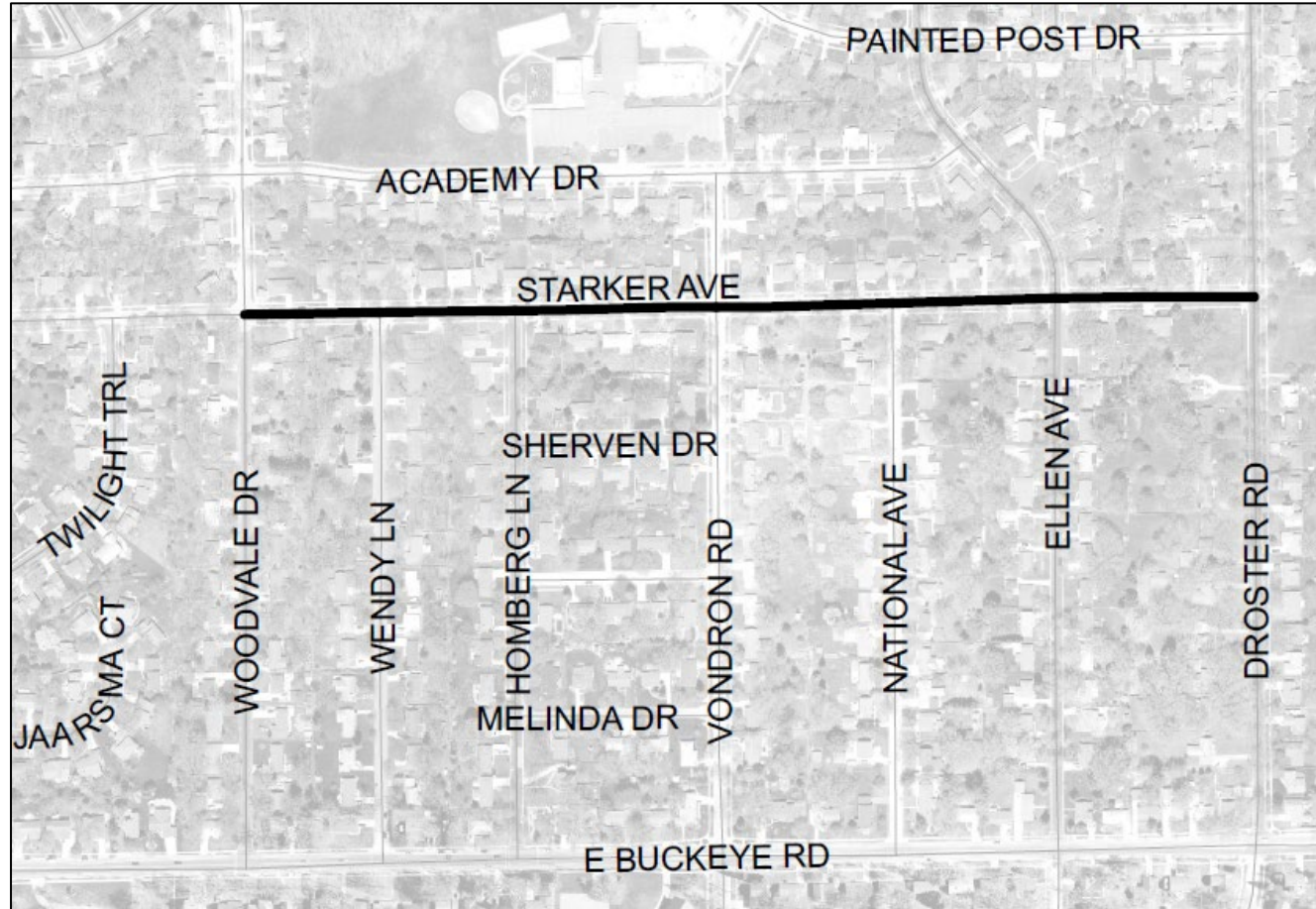
Presentation Overview

Thank You for participating!

- Welcome (Hannah Mohelnitzky, Public Information Officer, City of Madison)
- Introduction (Alder Jael Currie, District 16)
- Presentation (Rachel Dudley & Andrew Zwieg P.E.)
- Q&A (facilitated by Hannah Mohelnitzky)
 - Assisted by:
 - Eric Cefalu, Sewer Engineer, City of Madison
- Presentation available on the website
 - <https://www.cityofmadison.com/engineering/projects/starker-avenue-resurfacing-with-utilities>



Project Location



Existing Conditions Starker Ave (Woodvale Dr to Wendy Ln)

Item	Existing Condition
Last Surfaced	1997
Pavement Surface Evaluation & Rating	3/10 – structural improvement required, over 50% of pavement is cracked and deteriorated
Curb Rating	7/10
Width	32'
Surface	70-Hot Mix Asphalt
Sidewalk	5' width on both sides
Sanitary	8" Vitrified Clay Pipe 1963 – Located in terrace
Water	6" Cast Iron 1964 – Located in street
Storm	No storm



Existing Conditions Starker Ave (Wendy Ln to Homberg Ln)

Item	Existing Condition
Last Surfaced	1997
Pavement Surface Evaluation & Rating	3/10 – structural improvement required, over 50% of pavement is cracked and deteriorated
Curb Rating	7/10
Width	32'
Surface	70-Hot Mix Asphalt
Sidewalk	5' wide on both sides
Sanitary	8" Vitrified Clay Pipe 1963 – Located in terrace
Water	6" Cast iron 1964 – Located in street
Storm	No storm

Existing Conditions Starker Ave (Homborg Ln to Vondron Rd)

Item	Existing Condition
Last Surfaced	1997
Pavement Surface Evaluation & Rating	3/10 – structural improvement required, over 50% of pavement is cracked and deteriorated
Curb Rating	7/10
Width	32'
Surface	70-Hot Mix Asphalt
Sidewalk	5' wide on both sides
Sanitary	8" Concrete 1959 – Located in Street
Water	6" Cast iron 1964 – Located in Street
Storm	No storm

Existing Conditions Starker Ave (Vondron Rd to National Ave)

Item	Existing Condition
Last Surfaced	1997
Pavement Surface Evaluation & Rating	4/10 – structural improvement required, over 50% of pavement is cracked and deteriorated
Curb Rating	7/10
Width	32'
Surface	70-Hot Mix Asphalt
Sidewalk	5' wide on both sides
Sanitary	8" Concrete 1961 – Located in street
Water	6" Cast iron 1956 – Located in street
Storm	No storm

Existing Conditions Starker Ave (National Ave to Ellen Ave)

Item	Existing Condition
Last Surfaced	1997
Pavement Surface Evaluation & Rating	3/10 – structural improvement required, over 50% of pavement is cracked and deteriorated
Curb Rating	7/10
Width	32'
Surface	70-Hot Mix Asphalt
Sidewalk	5' wide on both sides
Sanitary	8" Concrete 1961 – Located in street
Water	6" Cast iron 1956 – Located in street
Storm	No storm



Existing Conditions Starker Ave (Ellen Ave to Droster Rd)

Item	Existing Condition
Last Surfaced	1997
Pavement Surface Evaluation & Rating	4/10 – structural improvement required, over 50% of pavement is cracked and deteriorated
Curb Rating	7/10
Width	32'
Surface	70-Hot Mix Asphalt
Sidewalk	5' wide on both sides
Sanitary	No sanitary
Water	6" Ductile iron 1971 – Located in street
Storm	18" RCP 1960 – Located in terrace



VISION ZERO MADISON

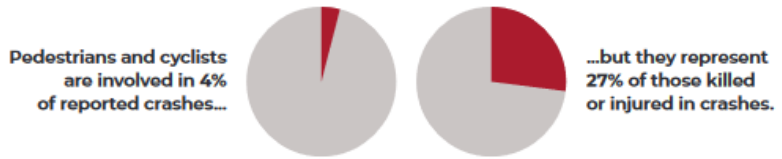


ACTION PLAN
2020 - 2035

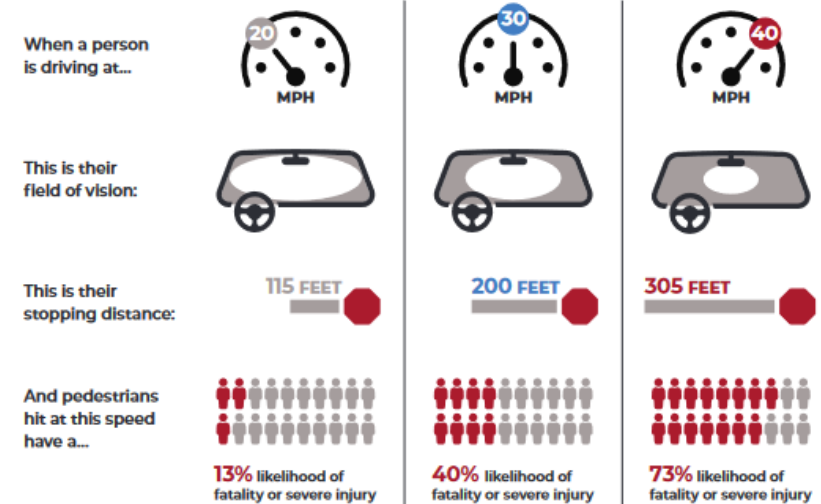
Why Vision Zero?

Vision Zero is a strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, equitable mobility for all. First implemented in Sweden in the 1990s, Vision Zero has proven successful across Europe and now it's gaining momentum in major American cities.

Pedestrians and Cyclists are Disproportionately Represented in Injuries and Fatalities



Controlling Speed is a Key Factor in Vision Zero

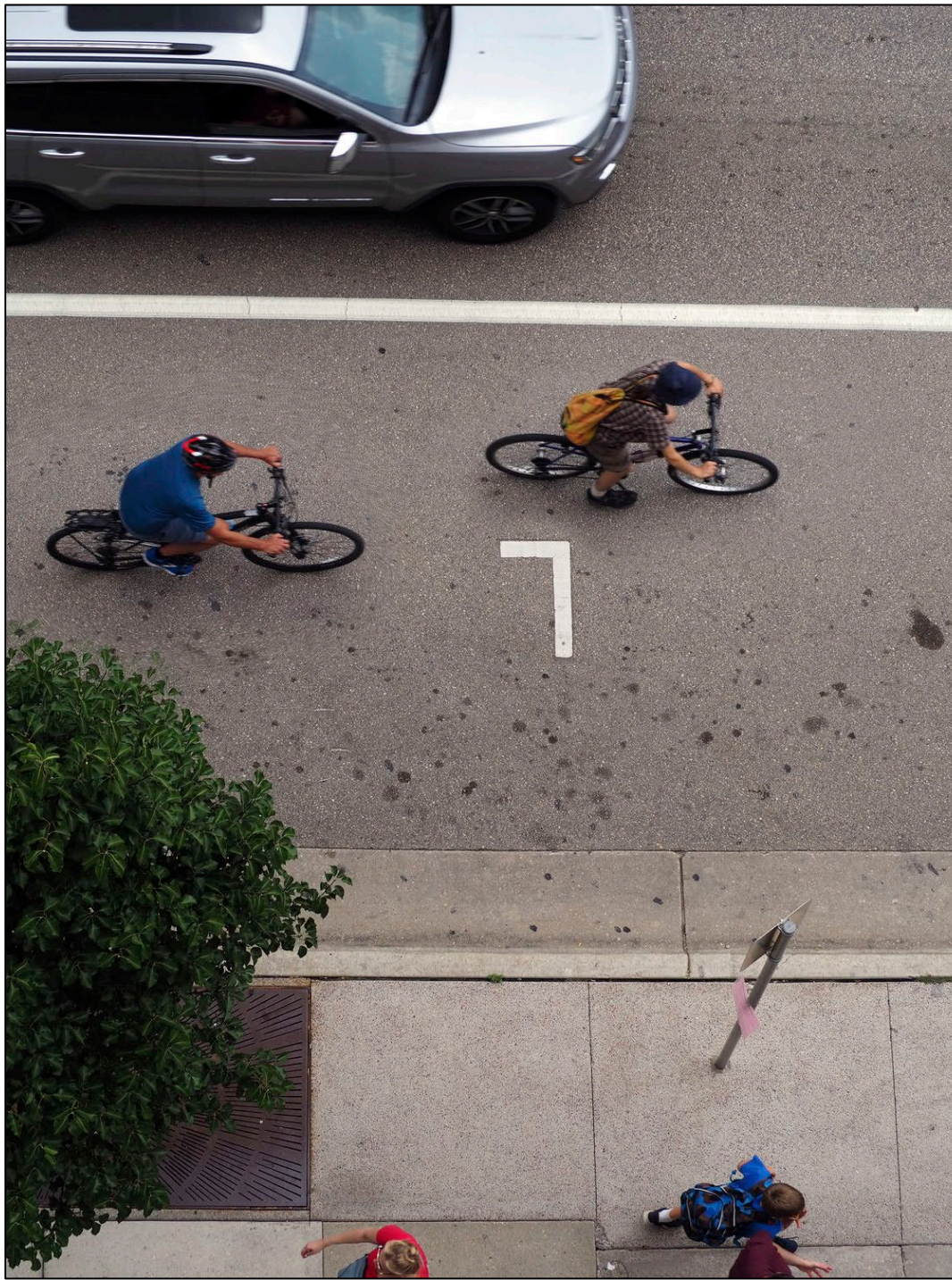


Concept and data: Toole Design Group, LLC **TOOLE DESIGN**



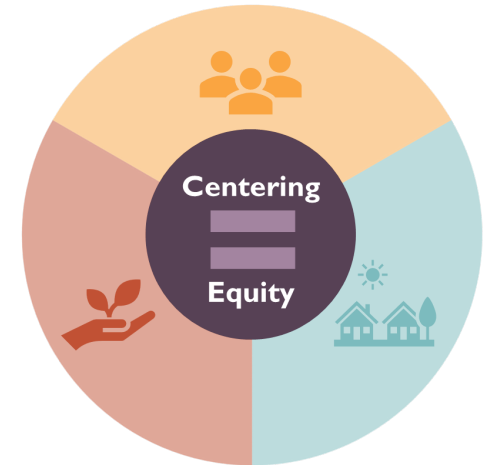
City of Madison

Complete Green Streets Guide



STREET VALUES

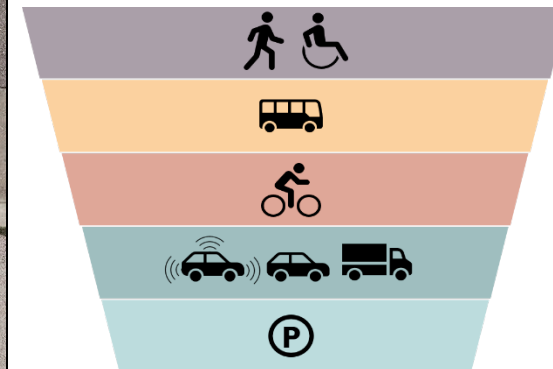
Putting People First



Fostering Sustainability

Supporting Community

MODAL HIERARCHY



Approved January 6, 2023

MADISON





Principles of Complete Green Streets

- Streets are for everyone, no matter who they are or how they travel.
- There is no one design but instead each design considers the specific context of the neighborhood and street.
- Streets are designed and operated to prioritize safety, comfort and access for all users.
- Green infrastructure integrates sustainability in the right of way to help our City be more resilient and helps provide a welcoming public place.

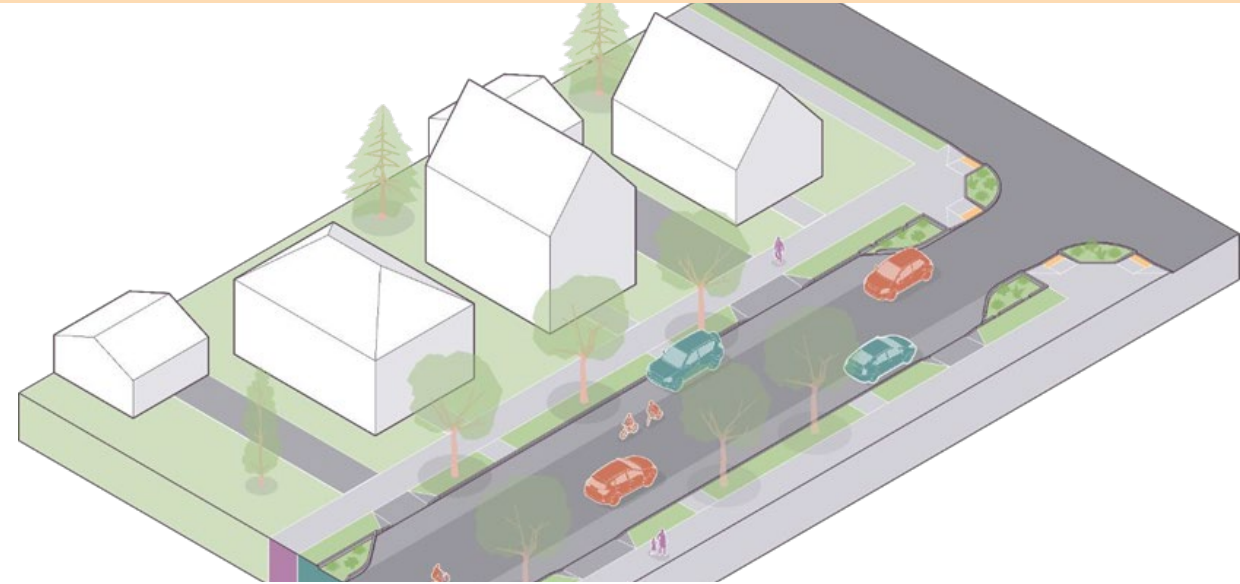
COMPLETE GREEN STREETS – STREET TYPE

Neighborhood Street

Context: Residential neighborhood

Description: Wider neighborhood streets. Includes some higher traffic streets and transit routes that should be designed to prioritize neighborhood quality of life. Allows two drivers to pass each other without stopping. These wider streets may encourage speeding and may therefore require traffic calming measures.

Target Speed: 20 mph or less



Zone Priorities and Preferred Elements for Each Zone

Walkway High Priority	Flex Zone Medium Priority	Travelway Low Priority'	Additional Considerations
Standard sidewalks, with landscaping between the sidewalk and homes or buildings. May shift closer to or farther from the street to avoid impacting canopy trees.	Landscaped terrace with street trees. May straddle the walkway when the walkway is close to the street to avoid impacting existing canopy trees. On- street parking on one or both sides common.	Two-way travel without lane markings. No dedicated bikeway unless traffic volumes are above 3,000 ADT.	Speed management, parking demand to determine type and amount of on-street parking.

Proposed Design

- Replace Asphalt pavement
- Spot replace curb and gutter
- Spot replace sidewalk
- Spot replace driveway aprons
- Improving and shortening pedestrian crossings
 - Bump outs
- Traffic calming
 - Traffic circles

Bump outs

- At the intersection of Starker and Vondron
- Shortens pedestrian crossings over Vondron and Starker
- Provides traffic calming measure to reduce speed in the intersection
- Road width changes from 32 ft to 22 ft in the bump outs



Traffic Circle – Starker and Woodvale

- Provides traffic calming measure to reduce speed in the intersection
- Traffic circle 20 ft diameter edge of pavement



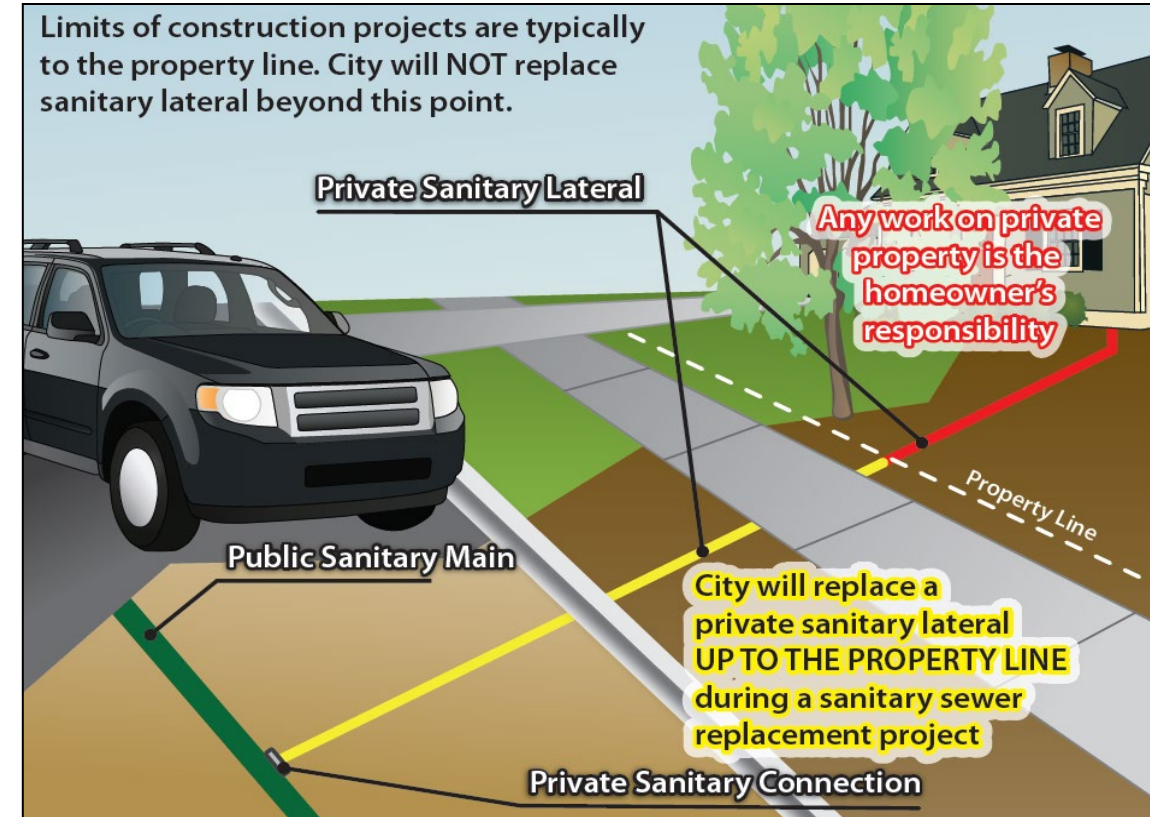
Traffic Circle – Starker and Ellen

- Provides traffic calming measure to reduce speed in the intersection
- Traffic circle 20 ft diameter edge of pavement



Proposed Utility Design

- Replace Sanitary Sewer main and laterals
- Replace Storm Sewer main and laterals
- Replace Water Main and reconnect water services



Forestry Information

- City Engineering has reviewed the project with City Forestry & a Forestry Rep will work with the contractor & inspector during construction
- Trees will be pruned prior to construction to provide required clearance above street
- Locations of known tree removals *list species*
 - 5101 Starker Avenue, Sugar Maple
 - 5206 Starker Avenue, Norway Maple
 - 1501 Vondron Road, Norway Maple
 - 5410 Starker Avenue, Norway Maple

Forestry Information

- Reasons for removal include
 - Poor health/condition
- Initial coordination with Forestry has been completed for potential new planting locations and will continue during design and after project completion
- Tree priority score
 - 93-94 tree equity score
 - 39%-41% canopy cover; goal is 50% canopy cover

Construction & Access

- Road closed during project, local traffic only
- Residential driveways accessible for most of the project but closed up to a cumulative total of 20 days, residents are notified before
 - Not accessible when contractor is working directly in front
 - Closed when curb, sidewalk, and driveway apron installed
- Existing Starker Ave parking removed during working hours (7am-7pm) for project duration

Construction & Access

- Existing timber, brick or stone walls behind the sidewalk will not be impacted
- Stone or brick pavers within the terrace you wish to save should be removed prior to construction & reinstalled by you after construction is complete
- After construction, disturbed areas will be covered with 6 inches of topsoil, erosion mat and seed.
 - The contractor is responsible for 10 days of watering. After 10 days, it will be up to the resident to water and mow in order for healthy grass to establish

Assessment Policy & Costs

- Special charge for work being done that has a direct benefit to the property
- Preliminary assessment mailed during design phase
 - Based on estimated quantities
 - Unit prices for driveways, terrace walks and pavement reconstruction based on 2023 street improvement rates
 - Rates are an average of last 3 years of construction costs
 - Unit prices for sanitary laterals and private storm sewer connections based on estimated prices
- Assessments can be paid in lump sum or typically over 8 years with 5% interest
- Final assessment billed in 2025 after project completion
 - Based on measured quantities
 - Unit prices for driveways, pavement reconstruction, and terrace walks will not change from preliminary
 - Unit prices for sanitary laterals and private storm sewer connections based on bid prices
 - 2024

Assessment Policy & Costs

Starker Ave

Item	Property Owner Share	City Share
10' Pavement Replacement*	100%	0%
Terrace Walks	50%	50%
Driveway Apron	50%	50%
Sanitary Sewer Main	0%	100%
Sanitary Laterals to Property Line	25%	75%
Storm Sewer Main	0%	100%
Private Storm Connections (if any)	100%	0%

*Pavement assessed per linear ft. of frontage



Project Schedule

- February 23, 2024: Mail Estimated Assessments, Public Hearing Notice
- March 6, 2024: BPW Public Hearing
- March 19, 2024: Common Council Hearing
- Spring 2024: Advertise for Bids
- Summer 2024: Begin Construction
- Fall 2024: End Construction



Contact Information & Resources

- Engineering
 - Project Engineer, Rachel Dudley, 261-9177, rdudley@cityofmadison.com
 - Project Manager, Andrew Zwieg, 266-9219, azwieg@cityofmadison.com
 - Public Information Officer, Hannah Mohelnitzky, 669-3560, hmoelnitzky@cityofmadison.com
- Traffic Engineering
 - Traffic Engineer, Alexandra Heinritz, 267-1102, aheinritz@cityofmadison.com
- Project Website: cityofmadison.com/engineering/projects/StarkerAveResurfacing
 - Sign-up for project email updates on the website
 - Updates on closures & work progress will be posted to the project website
 - Recording for this meeting will be posted on project webpage
- Facebook – City of Madison Engineering
- Twitter – @MadisonEngr
- Engineering Podcast: Everyday Engineering on iTunes, GooglePlay

