



Hermina St & Union St Reconstruction + Bridge

Public Information Meeting
City of Madison Engineering Division
Monday, March 11, 2024

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





Rules and Housekeeping Items for this Meeting

- This meeting will be recorded and posted to the City's project page.
- All attendees will be muted during the presentation.
- Use “chat” option if you are having technical issues and a staff person can try to assist.
 - Chat will be disabled once presentation starts.
- After the presentation, participants may ask questions via the “Q&A” option, verbally, or by email.
 - Please use the “Q&A” option at the bottom of the screen to type a question.
 - To ask a question verbally, click the “raise hand” option at the bottom of your screen and the host will unmute you.
 - Email a question to acanton@cityofmadison.com





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 window. 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" name tag is visible on the right. In the center, a dark grey panel 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 of the Zoom window, 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.

↑ Join audio to ensure you will be able to hear the speaker



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Raise your hand to be unmuted and ask questions after the meeting



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 Microsoft Excel spreadsheet with a grid showing months from May 2019 to August 2020. A "City of Madison" logo is visible in the top right corner of the spreadsheet area. In the center, there are two buttons: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is highlighted. 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 "Q&A" icon. The text "Leave Webinar" is visible in the bottom right corner.

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 reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a shared Microsoft Excel spreadsheet. The spreadsheet has a header row for years 2019 and 2020, and a second row for months from May to August. The name "Sally" is visible in cell A1. A "City of Madison" window is partially visible on the right. In the center, a dark overlay contains a "Phone Call" button and a "Computer Audio" button. A prominent blue button in the center says "Join Audio by Computer". At the bottom, a toolbar includes "Join Audio", "Q&A", "Chat", and "Raise Hand". A red "Leave Webinar" button is located in the bottom right corner of the meeting window.

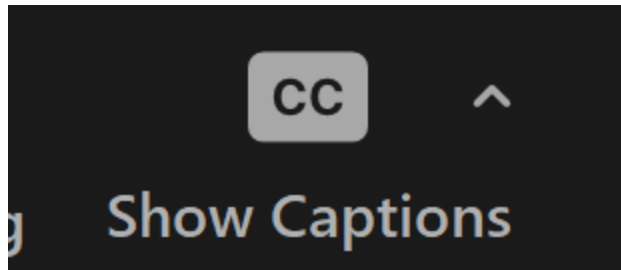
To leave the meeting click here

CITY OF MADISON



Closed Captioning

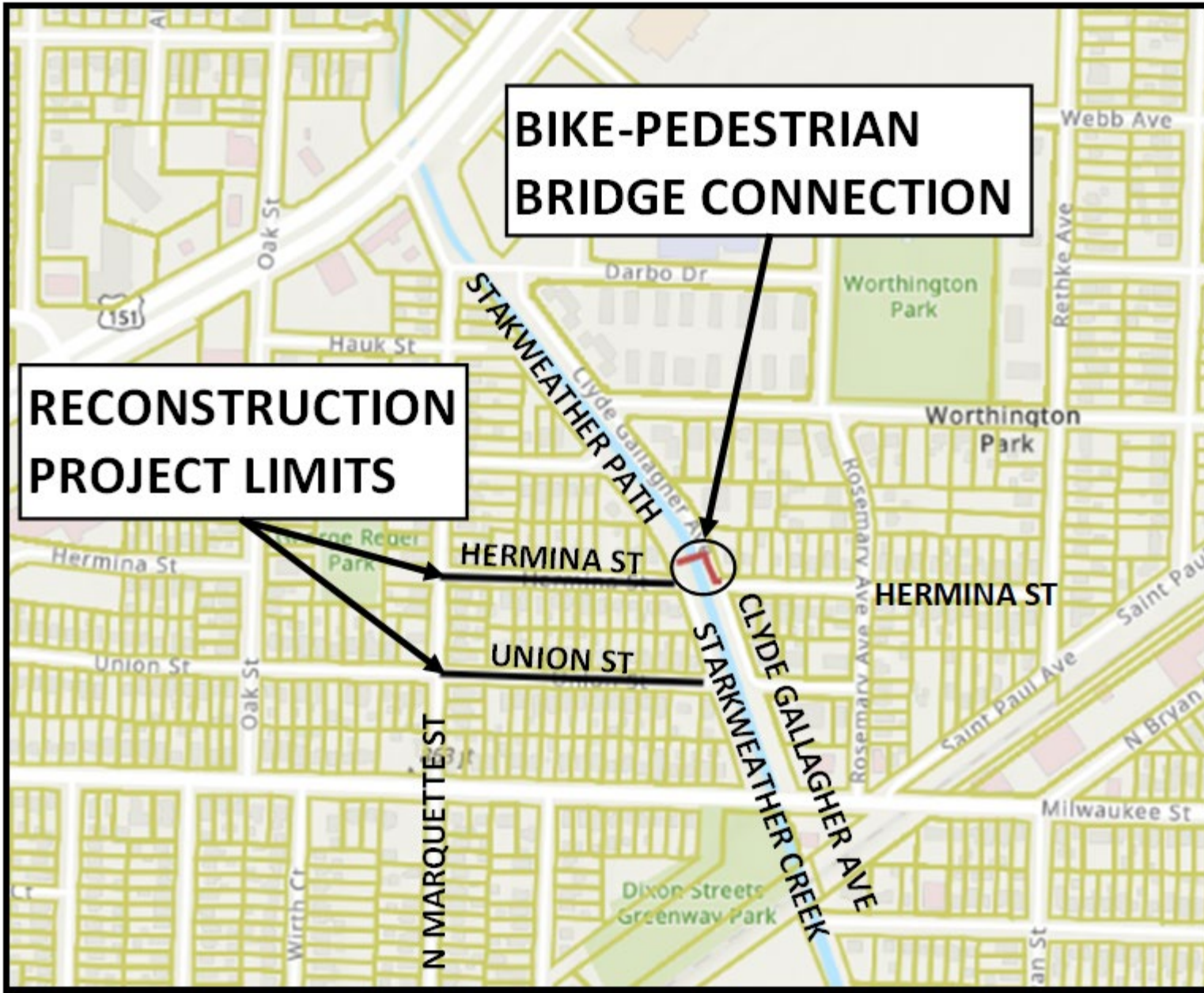
- If you'd like to enable closed captioning, click “show closed captions” button on the bottom of the screen.
- This may already be enabled. If this is not enabled, click the button to allow closed captioning.



Presentation Overview

- Project Location
- Scope of Work
- Utility Work
- Existing Street Conditions & Use
 - Parking Data
- Vision Zero & Complete Green Streets
- Proposed Street Design
 - Interim Questionnaire Results
- Proposed Bike-Pedestrian Bridge over Starkweather Creek
- Native Terrace Plantings
- Forestry Information
- Construction & Access
- Assessment Policy & Costs
- Contact Information & Resources
- Q&A





**BIKE-PEDESTRIAN
BRIDGE CONNECTION**

**RECONSTRUCTION
PROJECT LIMITS**

Project Location



Scope of Work

➤ Utility Work

- Replace Sanitary Sewer Main & Laterals
- Replace & Upgrade Storm Sewer as needed
- No Water Main Work
- MG&E may replace gas main

➤ Street Work

- Asphalt Pavement & Gravel Roadway Base
- Concrete Curb & Gutter
- Concrete Sidewalk (as needed)



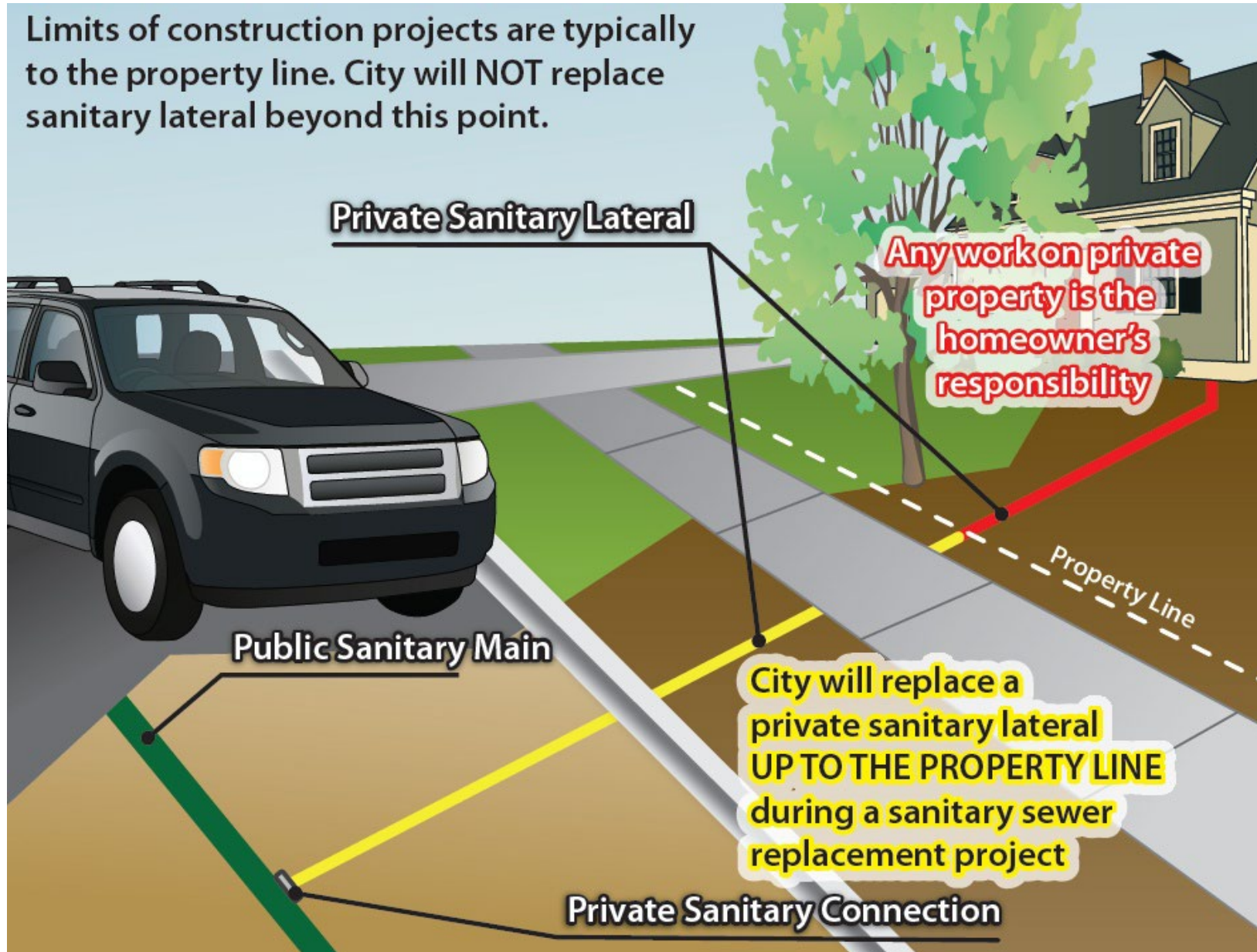
➤ Bike-Pedestrian Bridge over Starkweather Creek at Hermina St

Utility Work: Sanitary Sewer

- Existing Sanitary Main – Hermina St
 - N Marquette St to Clyde Gallagher Ave = 6" VCP (1927)
 - 8" PVC (2008) at Clyde Gallagher Intersection to remain
- Existing Sanitary Main – Union St
 - N Marquette St to Clyde Gallagher Ave = 6" VCP (1927)
 - 8" PVC (2008) at Clyde Gallagher Intersection to remain
- Proposed Sanitary Sewer
 - Replace all sanitary sewer main with min. 8" PVC Pipe
 - Replace all sanitary sewer laterals with 6" PVC Pipe
 - Lateral replacement from new main to property line



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



Utility Work: Sanitary Sewer Laterals

Utility Work: Storm Sewer

- Existing Storm Sewer – Hermina St
 - Storm Sewer at N Marquette St and Clyde Gallagher Ave Intersections
 - Installed in 2008 = to remain, adjustments as needed
 - No Storm Sewer Main along Hermina St, flows downhill toward Clyde Gallagher (creek)

- Existing Storm Sewer – Union St
 - Storm Sewer at Clyde Gallagher Ave Intersection only
 - Installed in 2008 = to remain, adjustments as needed
 - No Storm Sewer Main along Union St, flows downhill toward Clyde Gallagher (creek)

- Proposed Storm Sewer
 - Additional Storm Sewer to be added as needed along Hermina St and Union St
 - At any new low points in roadway
 - To pick-up any private storm sewer connections

Existing Street Conditions: Hermina St



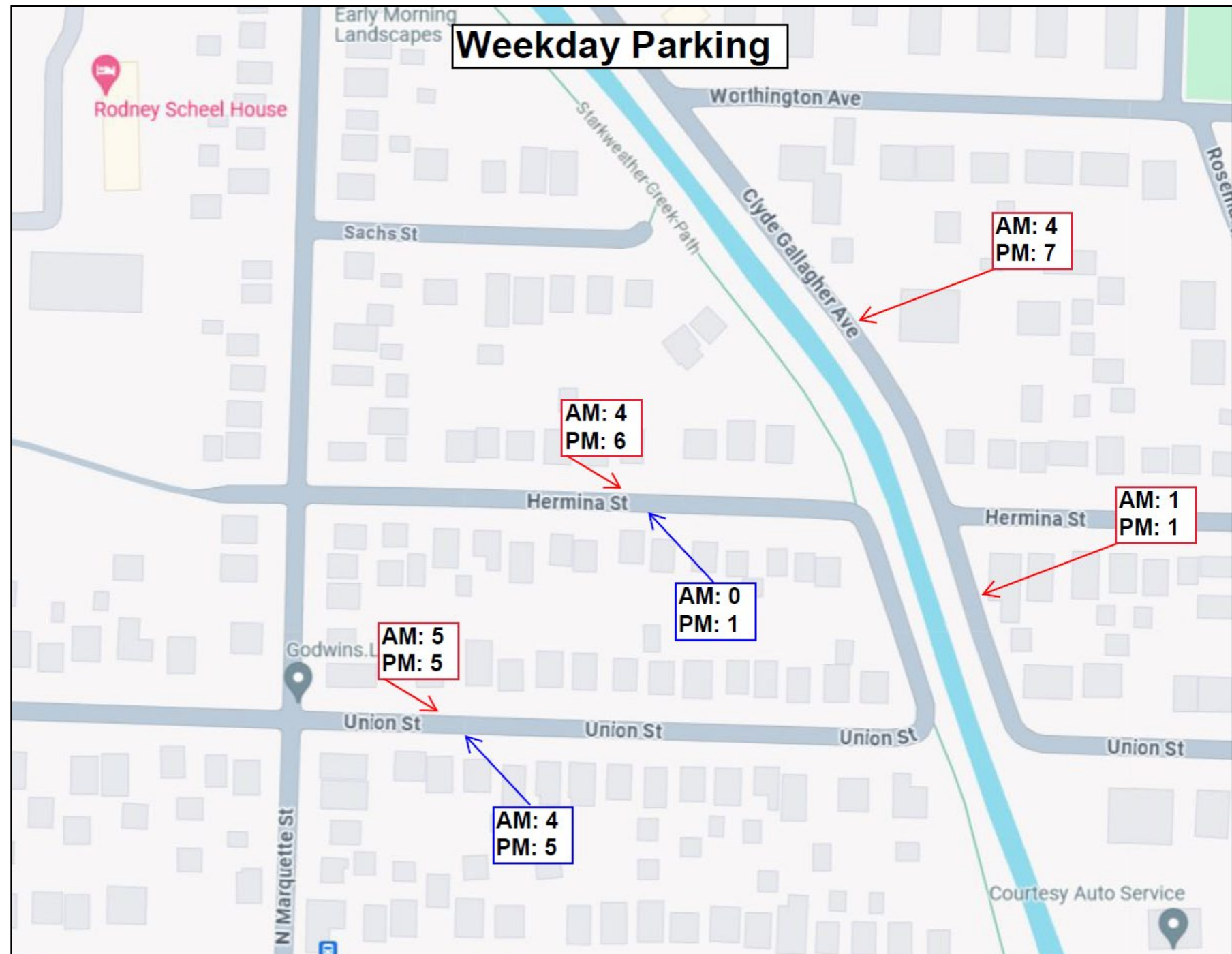
- Pavement Rating = 3/10
- Curb Rating = 2/10
 - Overlaid curb, full replacement
- Sidewalk on both sides to remain
 - Replacement for poor condition or utility work
- Street Surface Width = 24-ft
- City Right-of-Way Width = 50-ft
- On-Street Parking on Both Sides of Streets
 - No Parking on South-Side from 8am-6pm
- No Bike Lanes
- No Metro Routes

Existing Street Conditions: Union St

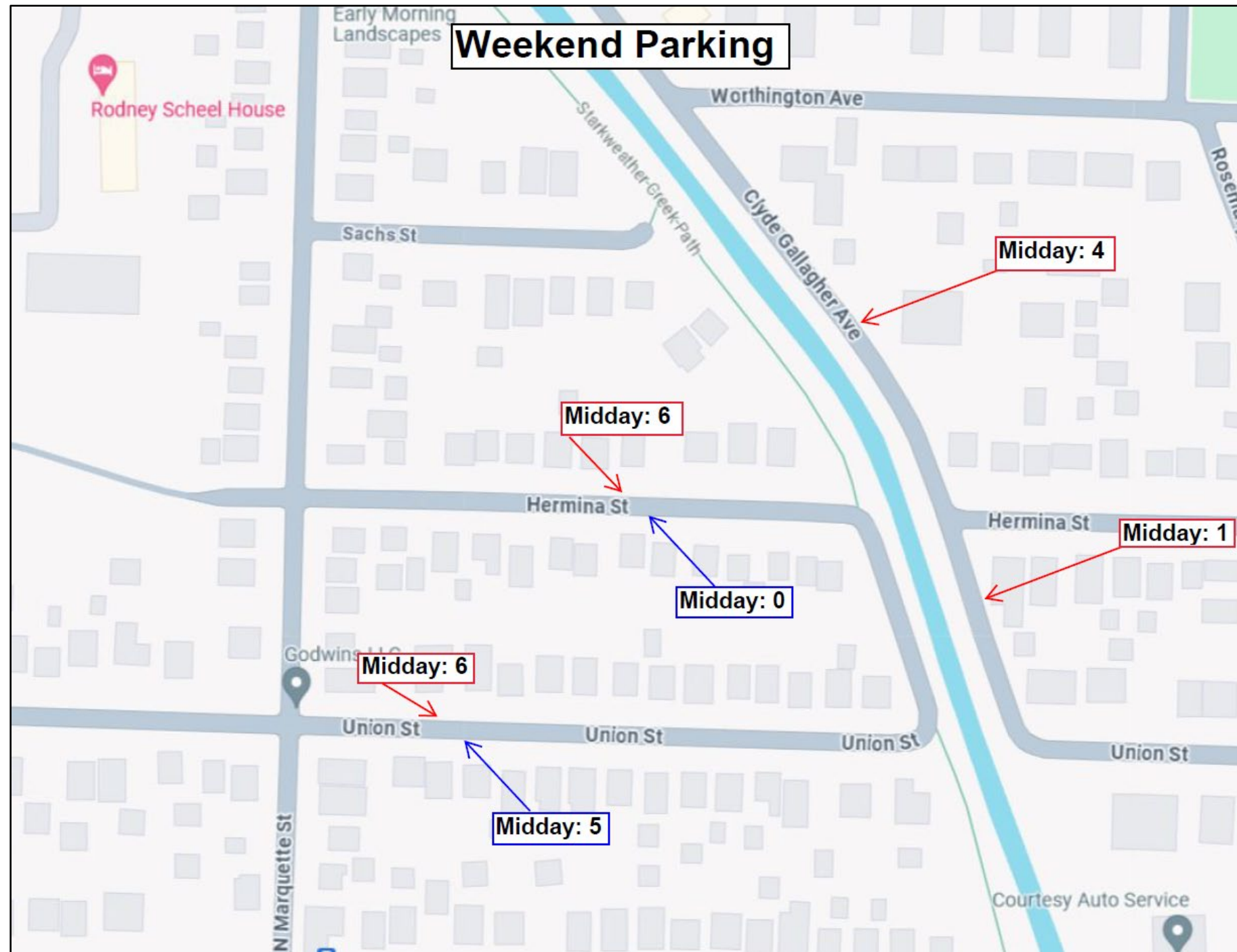
- Pavement Rating = 3/10
- Curb Rating = 2/10
 - Overlaid curb, full replacement
- Sidewalk on both sides to remain
 - Replacement for poor condition or utility work
- Street Surface Width = 28-ft
- City Right-of-Way Width = 50-ft
- On-Street Parking on Both Sides of Streets
- No Bike Lanes
- No Metro Routes



Existing Conditions: Weekday Parking Data



Existing Conditions: Weekend Parking Data



VISION ZERO MADISON

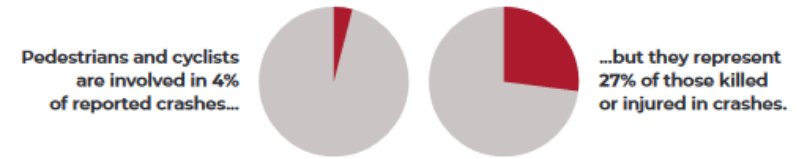


ACTION PLAN
2020 - 2035

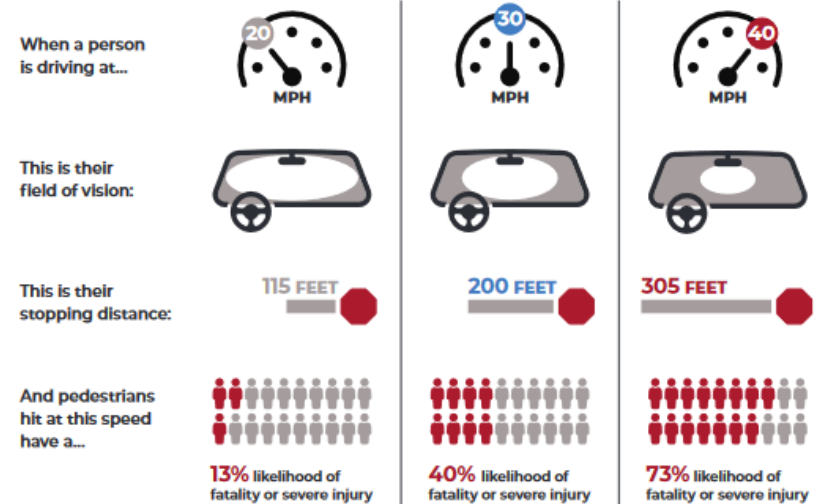
Why Vision Zero?

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

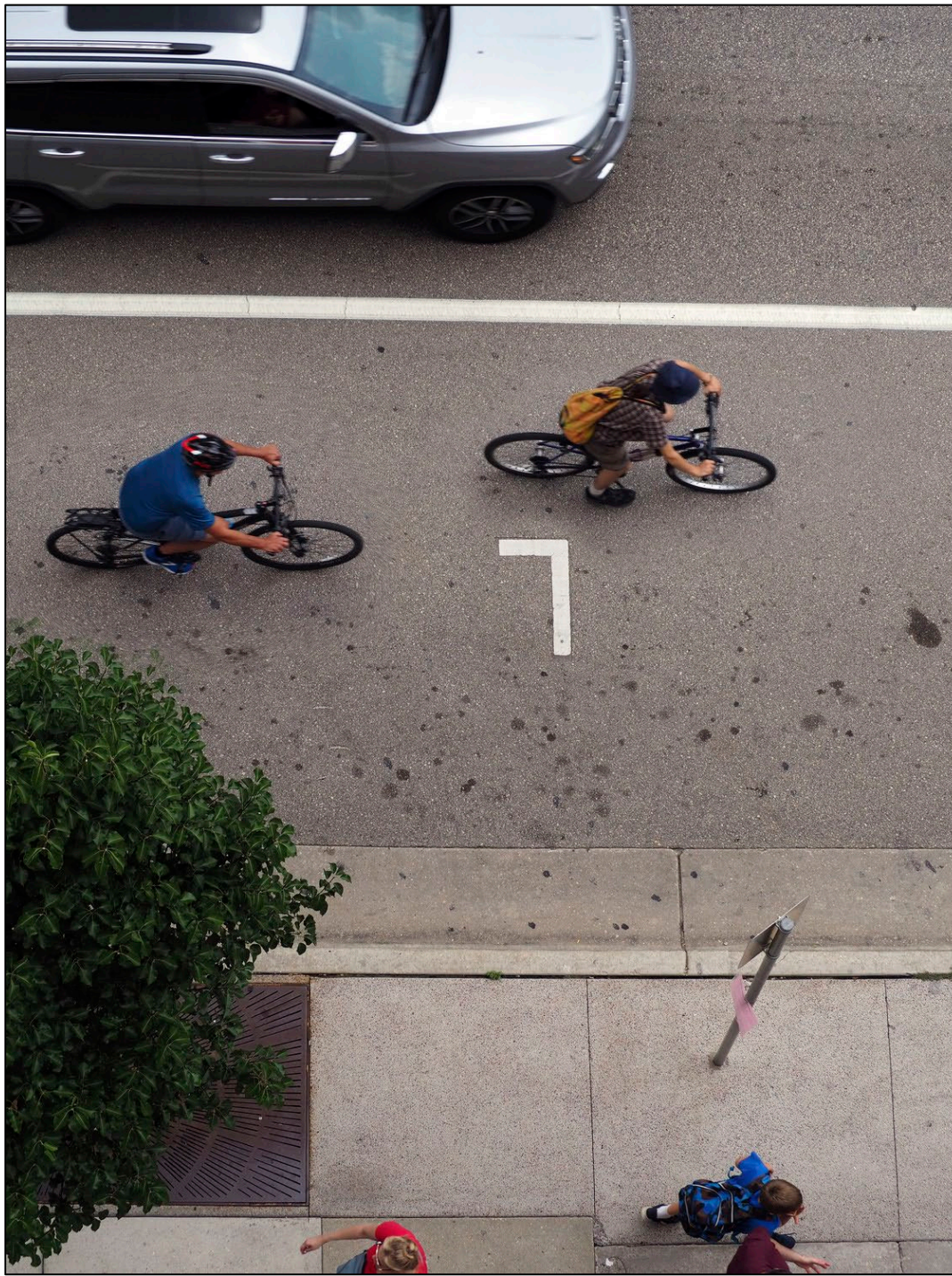


Concept and data: Toole Design Group, LLC **TOOLE DESIGN**



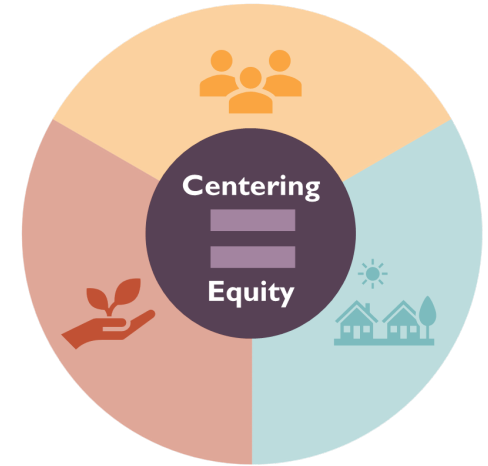
City of Madison

Complete Green Streets Guide



STREET VALUES

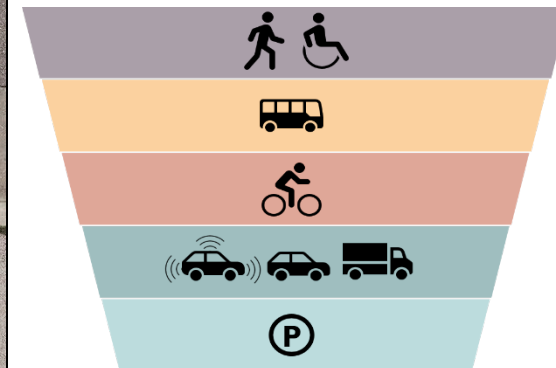
Putting People First



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.

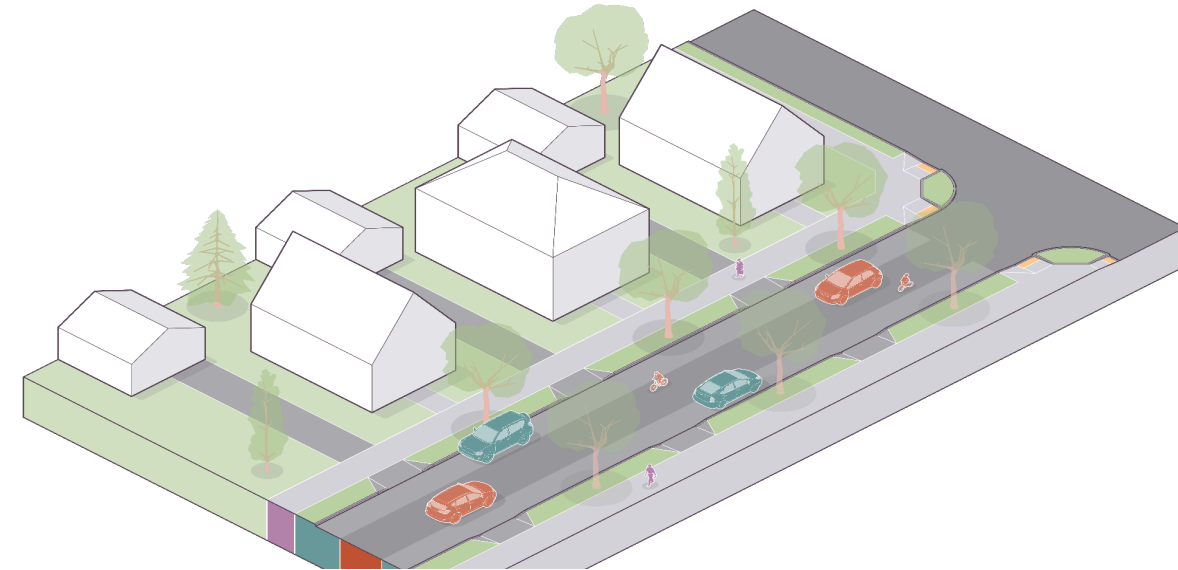
COMPLETE GREEN STREETS – STREET TYPE

Neighborhood Yield Street

Context: Residential neighborhood

Description: This is the standard street type to be applied on neighborhood streets in new developments. Many older neighborhood streets built before 1945 also fall within this street type. May allow parking on only one side. Does NOT allow two drivers to pass each other (one must give way) when parked vehicles are present, which provides a traffic-calming effect.

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 existing canopy trees. In constrained conditions (e.g., "Court" streets), sidewalk may be located back-of-curb and on only one side.	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.	Two-way travel without lane markings, typically requiring one direction to give way to the other. No dedicated bikeway.	Snow emergency zones, parking restrictions, parking demand, emergency access.

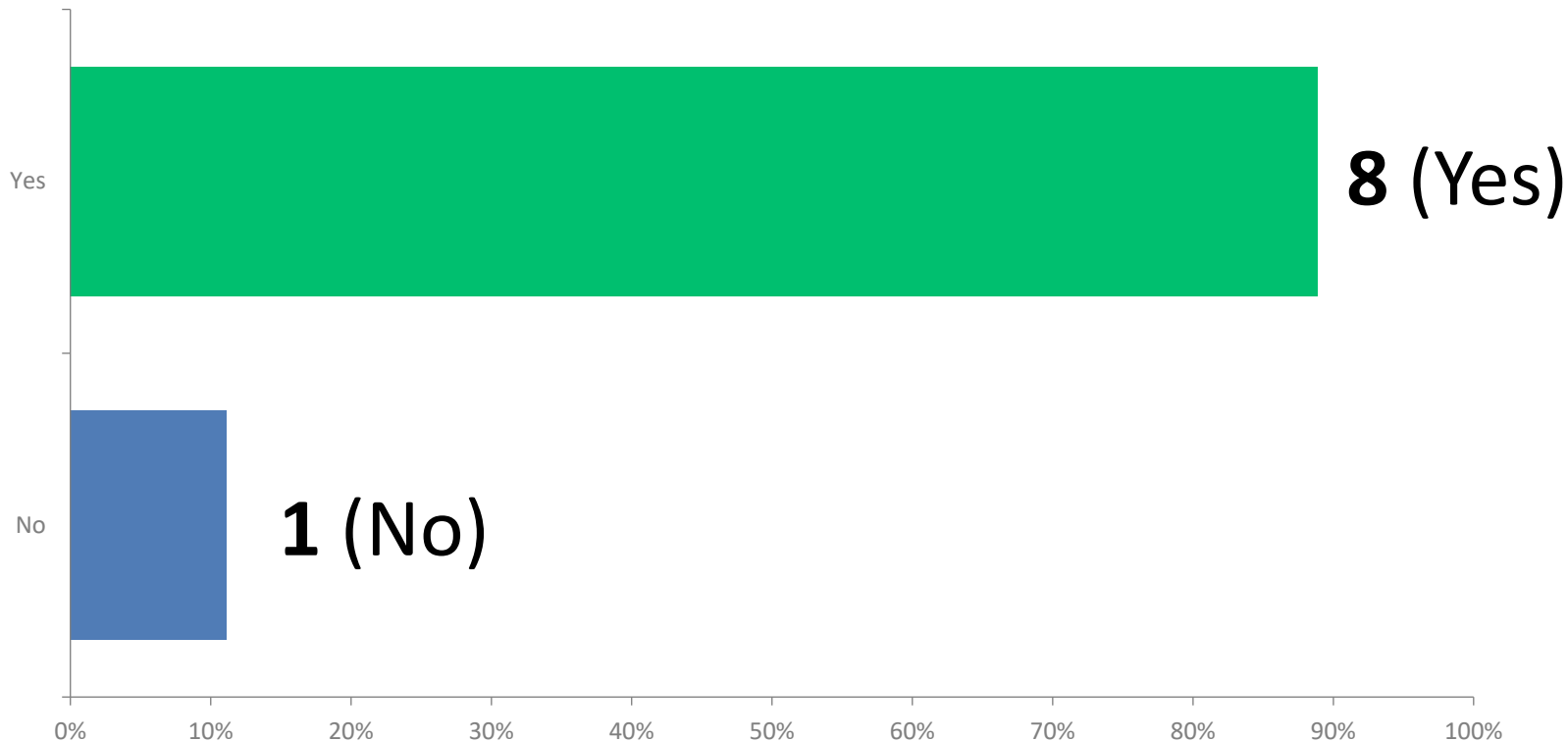
Proposed Design: Hermina St

- Existing Street Width (face-of-curb to face-of-curb) = 24-ft
- Proposed Street Width = 22-ft
 - Requires going to parking on one-side only, at all times
 - This is below our typical minimum for residential streets with parking on one-side
 - Exception for tree preservation
- Widen Terrace Space by 1-ft
 - Existing tree roots are squeezed by tight terrace space
 - Additional terrace space will greatly help existing trees through construction and afterwards.
 - Better terrace space for future tree plantings –
Construction to include additional soil amendment for future tree plantings.



Interim (3/11) Questionnaire Results: Hermina St

➤ Q13: Hermina: The existing street trees on Hermina St have outgrown the existing terrace space. Would you support narrowing Hermina St to 22-ft (currently 24-ft) to widen the terraces and better protect/promote existing street trees if it required restricting parking to one-side of the street (currently parking is allowed overnight on both sides of the street)?



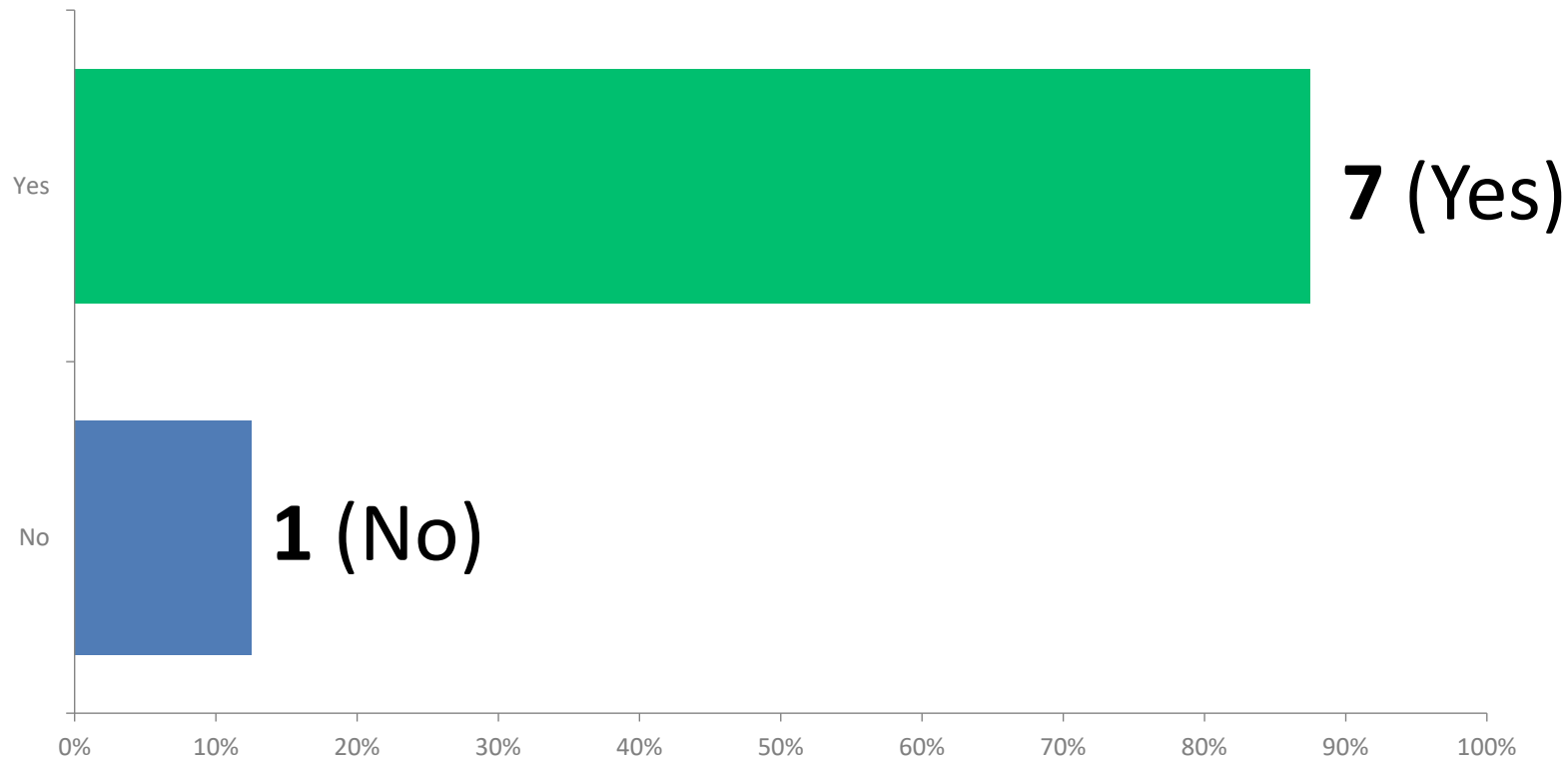
Proposed Design: Union St

- Existing Street Width (face-of-curb to face-of-curb) = 28-ft
- Proposed Street Width = 26-ft
 - Requires going to parking on one-side only, at all times
 - This is our typical minimum for residential streets with parking on one-side
 - Accomplishes tree protection goals while meeting minimum standard
- Widen Terrace Space by 1-ft
 - Similar situation and benefits as Hermina St
 - Widening terraces by even 1-ft help with tree preservation during construction and provide better space for plantings afterwards

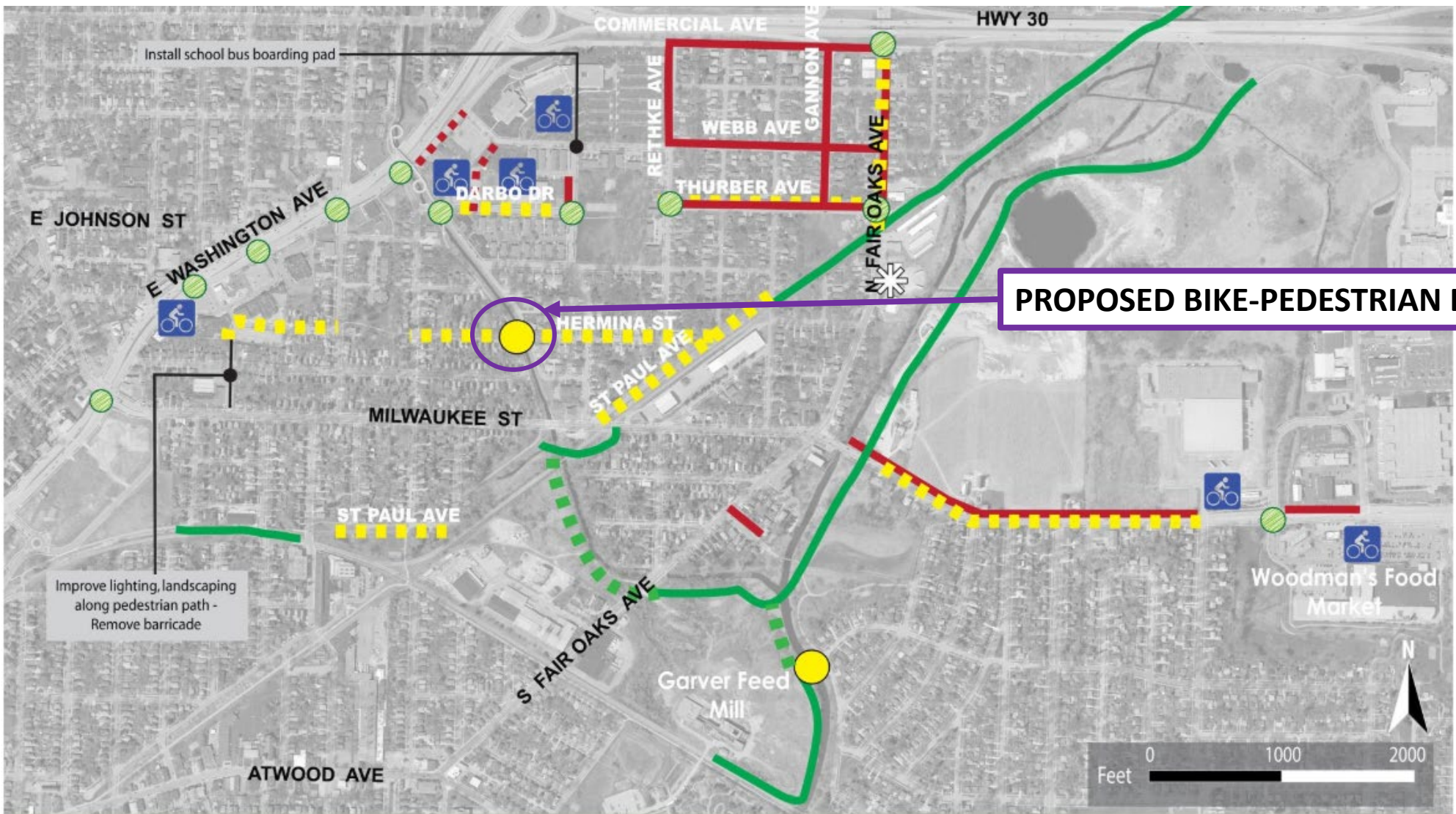


Interim (3/11) Questionnaire Results: Union St

➤ Q12: Union: The current terraces (space between sidewalk and curb) on Union St are narrow in width and not ideal for existing street trees or future tree plantings. Would you support narrowing Union St (currently 28-ft from face-of-curb to face-of-curb) to create wider terraces and promote tree health/growth if it required removing parking on one-side of the street?



Bike-Pedestrian Bridge over Starkweather Creek

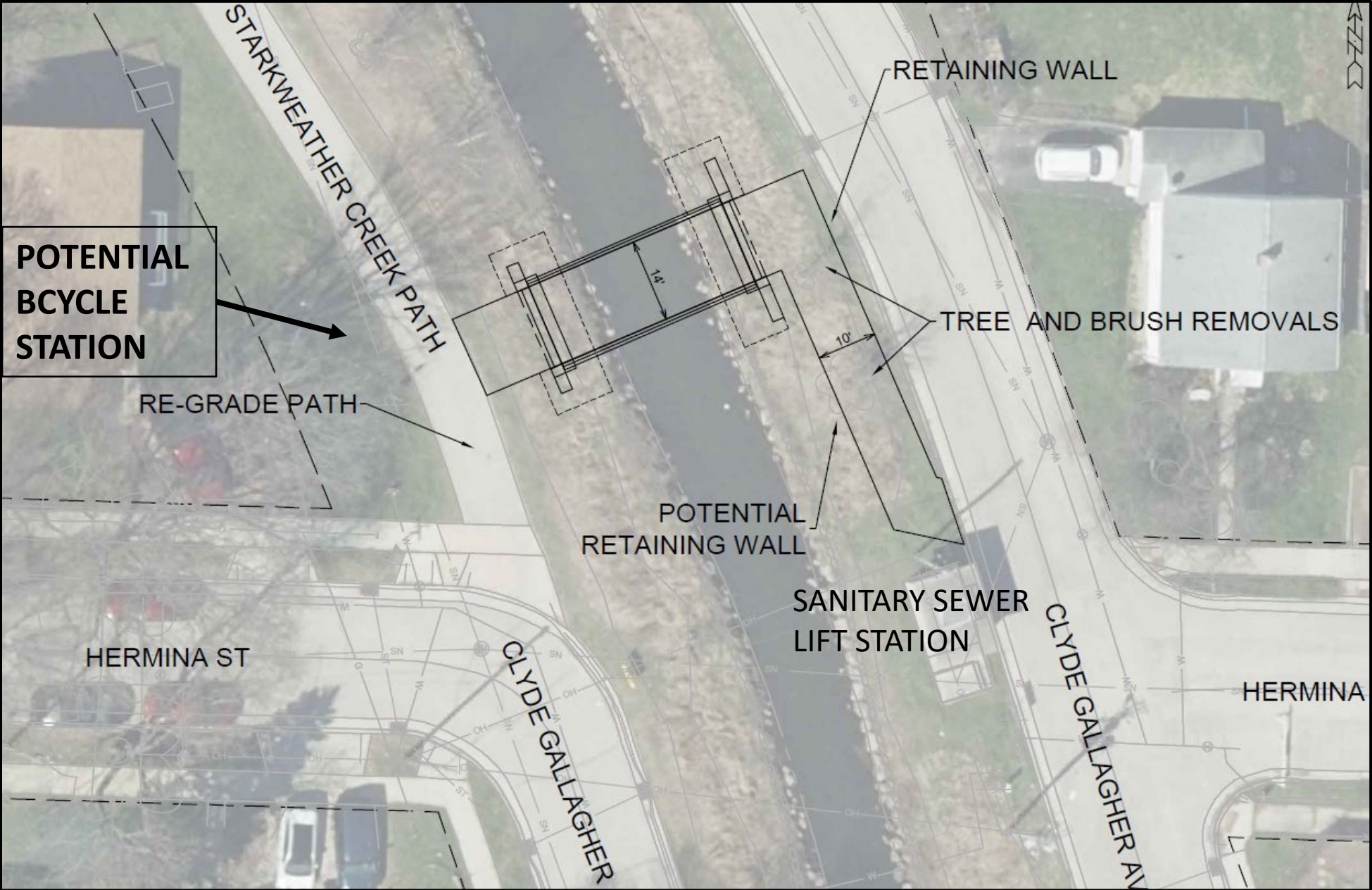


PROPOSED BIKE-PEDESTRIAN BRIDGE

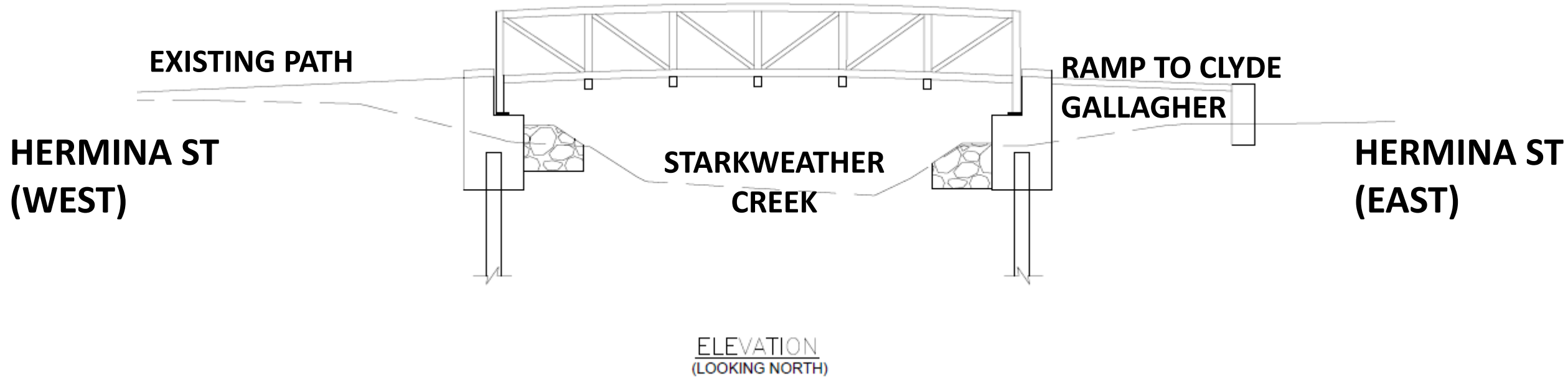
- Proposed New Sidewalk
- - - Evaluate Sidewalk and/or Bike Path Continuity
- Higher Visibility Crosswalk (e.g. Repaint and/or Change to Continental Marking)
- Proposed Ped/Bike Bridge
- Bus Stop/Shelter
- - - Proposed Bike Lanes/Markings/Improvements
- Planned Ped/Bike Paths
- - - Proposed Bike Paths
- Proposed B-Cycle



Bike-Pedestrian Bridge over Starkweather Creek



Bike-Pedestrian Bridge over Starkweather Creek



- Request from Darbo-Worthington Neighborhood Resource Team
 - Included in Neighborhood Plan (2017)
 - Kids have difficulty getting across neighborhood (accessing Hawthorne Public Library)
- Improve Bike Connection
 - Access to Starkweather Path and Capital City Trail (Downtown)

Bike-Pedestrian Bridge over Starkweather Creek



Example Bike-Pedestrian Bridge

Native Terrace Plantings



- Option to have a native seed mix sown on your terrace rather than turf grass seed.
- Residents choose from three different seed mixes.
- Maintenance is done by the residents
 - Best practice guides will be provided prior to seed mix selection
- Free to residents

Native Terrace Plantings

Why Native?

Stores carbon

High drought tolerance

Provides habitat in urban spaces

Attracts specialist pollinators and other insects

Relatively low-maintenance once established

Beautiful to look at all year long

- ▶ Native plant restoration:
 - Showcase the native plants of Wisconsin
 - A fraction of original prairie remains in Wisconsin





Native Terrace Plantings

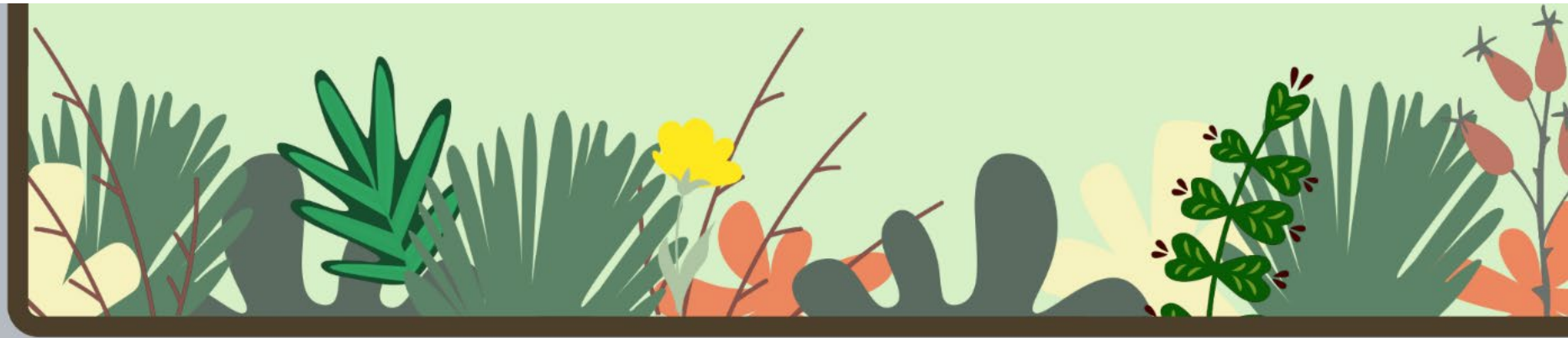
Interested?

Let us know in the survey

OR

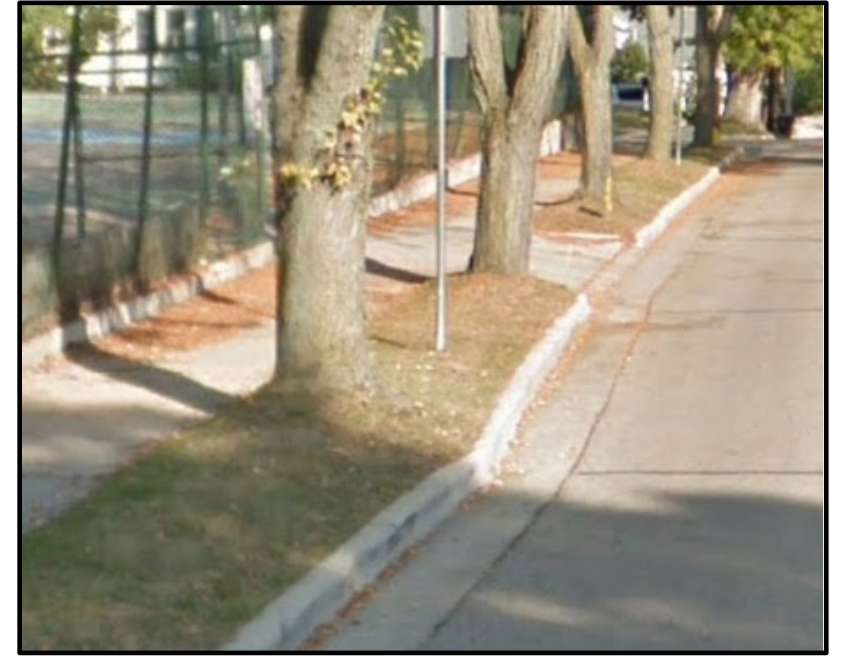
Contact Emily Jorgensen directly at

Email: ejorgensen@cityofmadison.com



Forestry Information

- One (1) Tree Removal due to Poor Condition
 - 25" Norway Maple (2930 Union St)
- Two (2) Tree Removals due to Street Work (Bridge)
 - 5" Hackberry, 8" Hackberry along Starkweather Creek
- Shrubs/Bushes in Right-of-Way potentially removed
- Tree Pruning prior to Construction = Spring 2024
- Private Trees with limbs hanging into ROW will need to be pruned prior to construction = property owner's responsibility (per city ordinance)
- Forestry closely monitors existing trees during construction, field adjustments to protect roots
- Forestry will plant new trees after construction
 - New Plantings benefit greatly from additional terrace space
 - Construction to prepare for future tree plantings with additional soil amendment in planting locations



Construction & Access

- Hermina St & Union St (N Marquette St to Clyde Gallagher Ave) will be closed to thru-traffic during construction, local access maintained
- On-Street Parking will not be allowed during construction hours
- Standard work hours 7am-7pm Mon-Sat; 10am-7pm Sun
 - Limited weekend work anticipated
- Residential driveways may be closed for up to 20 days (including overnight) for installation of concrete items and curing time
 - In addition, driveway access may be limited during utility installation
- Contractor may need to pump ground water to keep utility trenches dry and safe
 - If needed, pumps will likely need to run over night
- Best guess construction timeframe: *July 2024 thru November 2024*
 - MG&E's potential gas work could extend construction timeframe

Construction & Access

- Any existing landscaping within Right-of-Way will likely be disturbed
- 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 after construction
- Fences within City Right-of-Way will need to be removed prior to Construction
 - Property Owner's responsibility to remove
- Disturbed bare ground will be restored with topsoil, grass seed, and erosion matting
 - Unless native seeding is requested and confirmed
- Residents will be notified by mail 2 weeks prior to the start of construction
 - Construction Fact Sheet will include contact info for Contractor and Inspector

Assessment Policy & Costs

- Updated Street Assessment Policy (Fall 2022)
 - Properties assessed for pavement replacement (10' width) based on property frontage
 - Essentially eliminates assessments for Curb & Sidewalk
 - Properties assessed for sewer lateral and driveway apron replacement based on specific dimensions measured during construction
 - Assessed costs for specific items are based on an average of bid prices from the last 3 years of projects = standardizes costs, removes bidding variability
 - Unit Prices for Driveways, Pavement Reconstruction, and Terrace Walks will be set rates
 - Unit Prices for Sanitary Laterals and Private Storm Connections will be based on final bid prices
- Final assessments are calculated, and final billing sent the summer after Construction (2025 for this project)
- Assessments are payable in lump sum or in up to 8 installments at the current interest rate (5% in 2024)

Assessment Policy & Costs

Item	Property Owner Share	City Share
Replace 10-ft width of Asphalt Pavement*	100%	0%
Remainder of Pavement width	0%	100%
Replace Driveway Apron & Terrace Walk	50%	50%
Install New Sidewalk	0%	100%
Install New Curb & Gutter	0%	100%
Sanitary Sewer Main	0%	100%
Sanitary Sewer Laterals to Property Line	25%	75%
Storm Sewer Main	0%	100%
Private Storm Connects, if any	100%	0%
Water Main & Services	0%	100%
Street Trees Removals & Plantings	0%	100%

*Based on LF Frontage of Individual Properties

A reduction factor will be applied to single/two-family residential corner lots



Project Schedule

- Public Informational Meeting: March 11, 2024
- Transportation Commission: March 27, 2024
- Mail Estimated Assessments/BPW Notice: March 22, 2024
- Board of Public Works Public Hearing: April 3, 2024
- Common Council Public Hearing: April 16, 2024
- Advertise Contract for Bids: April 25, 2024
- *Start of Construction: July 2024*
- *End of Construction: November 2024*



Contact Information & Resources

- Project Manager/Streets, Aaron Canton, (608) 242-4763, acanton@cityofmadison.com
- Sanitary & Storm Sewer, Erin Geter, (608) 266-4058, egeter@cityofmadison.com
- Traffic Engineering, Jeremy Nash, (608) 266-6585, jnash@cityofmadison.com
- Traffic Engineering Bike-Ped Coordinator, Renee Callaway, (608) 266-6225, recallaway@cityofmadison.com

- Project Webpage: <https://www.cityofmadison.com/engineering/projects/hermina-and-union-streets-reconstruction-and-bridge>
 - Sign-up for updates on road closures & work progress
 - Presentation recording & slides posted to project page

- Questionnaire available on project page through *March 29th, 2024*

- Facebook – City of Madison Engineering
- Twitter – @MadisonEngr
- Everyday Engineering Podcast – search “Everyday Engineering” on Apple iTunes or GooglePlay



Q & A

