



Sheboygan Avenue & Segoe Road Redesign Project

Public Information Meeting
City of Madison Engineering Division
July 19, 2023

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

CITY OF MADISON



Presentation Overview

Thank You for participating!

- Welcome (Hannah Mohelnitzky, Public Information Officer, City of Madison)
- Introduction (Alder Bill Tishler, District 11)
- Presentation (Mario Galindez & Andrew Zwieg P.E.)
- Q&A (facilitated by Hannah Mohelnitzky)
 - Assisted by:
 - Eric Cefalu, Sewer Engineer, City of Madison
 - Ali Heinritz, Traffic Engineer, City of Madison
 - Renee Callaway, Pedestrian Bicycle Administrator, City of Madison
- Presentation available on the website
 - <https://www.cityofmadison.com/engineering/projects/sheboygan-segoe-redesign>



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 mgalindez@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 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" watermark is visible on the right side of the spreadsheet. 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 located 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



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



How to Participate

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Meeting controls are visible at the bottom of the screen. On the left, there is a "Join Audio" button with a headset icon. In the center, there are icons for "Q&A", "Chat", and "Raise Hand". On the right, there is a "Leave Webinar" button. A red arrow points to the "Leave Webinar" button.

Other visible elements include a "Recording" indicator in the top left, a "Phone Call" button, and a "Computer Audio" button. A blue button labeled "Join Audio by Computer" is also present in the center of the screen.

To leave the meeting click here

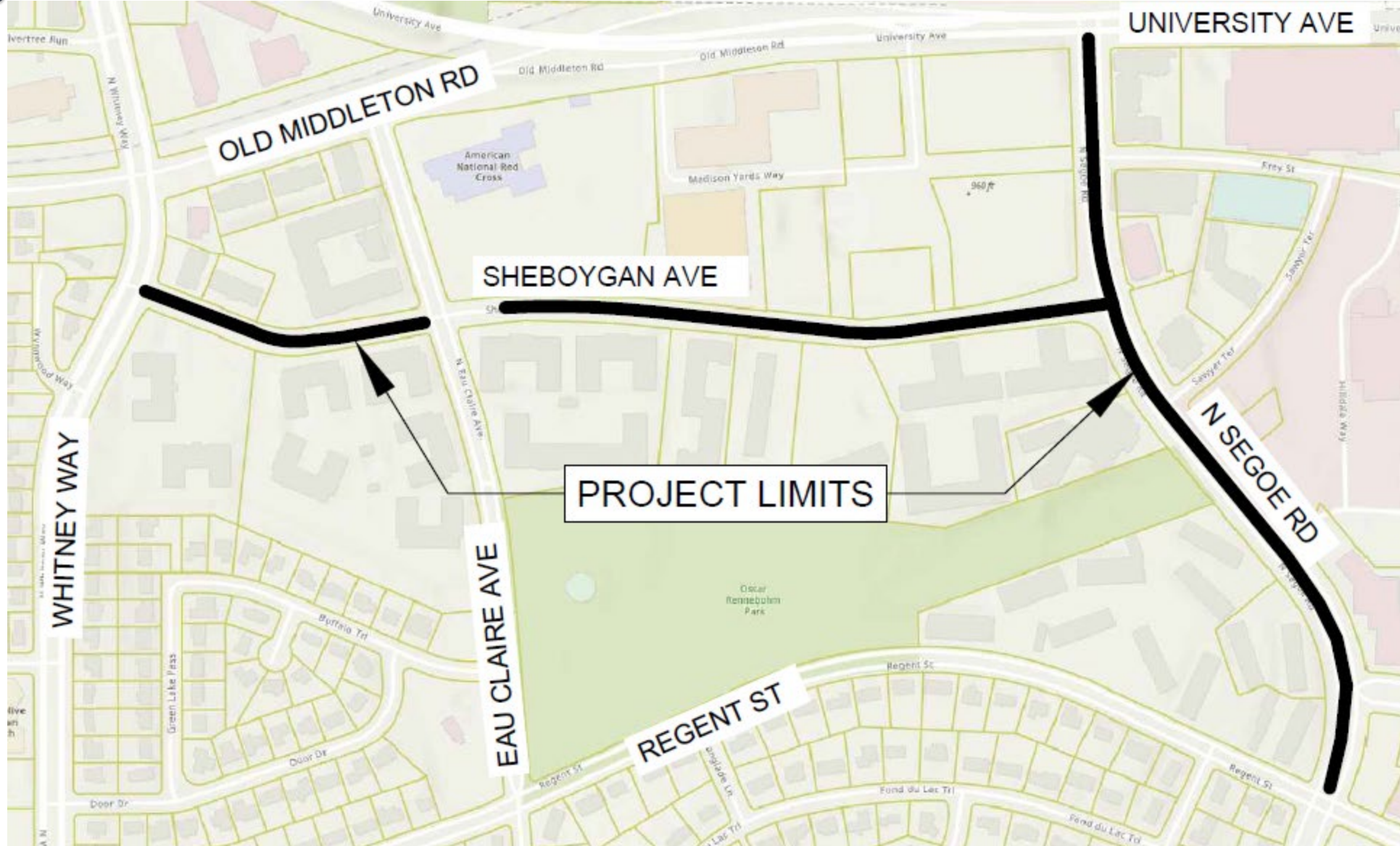
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Presentation Overview

- ▶ **Project Location**
- ▶ Project Scope
- ▶ Existing Conditions
- ▶ Bus Rapid Transit (BRT)
- ▶ Complete Green Streets
- ▶ Proposed Sheboygan Ave Redesign
- ▶ Proposed Segoe Rd Redesign
- ▶ Utility Redesign
- ▶ Segoe Rd & Regent St Intersection
- ▶ Forestry Information
- ▶ Assessments Policy & Costs
- ▶ Project Approval Schedule
- ▶ Construction Schedule
- ▶ Contact Information & Resources
- ▶ Q&A

Project Location

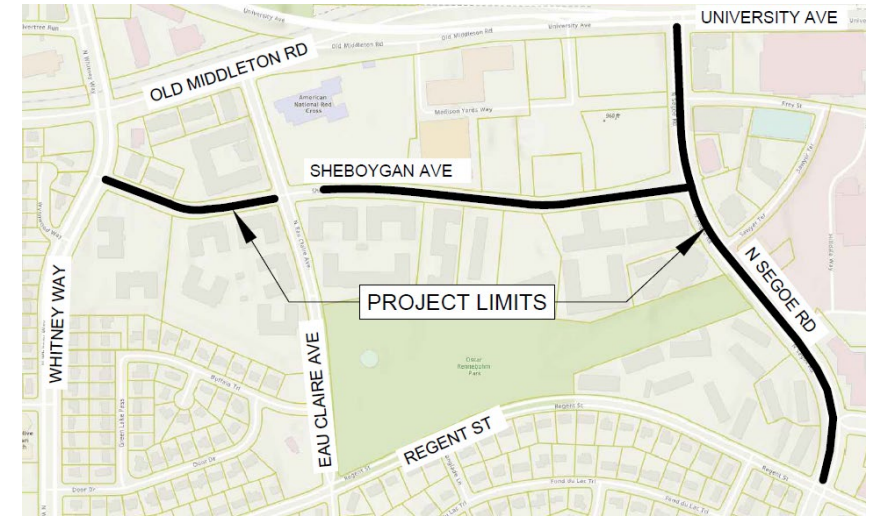


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Project Scope

- ▶ Street resurfacing and utility installation
 - Segoe Road (Regent Street to University Avenue)
 - Sheboygan Avenue (Whitney Way to Segoe Road)
- ▶ Segoe Road and Sheboygan Avenue layout redesign
- ▶ Partial replacement of sanitary sewer and water main
- ▶ New storm sewer utilities, existing to remain
- ▶ Install new street lights along Segoe Road
- ▶ Remove traffic signal at the intersection of Segoe Road and Sawyer Terrace
- ▶ Review traffic signal at the intersection of Segoe Road and Regent Street
- ▶ Bus Rapid Transit construction coordination



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Existing Conditions – Sheboygan Avenue

Item	Existing Condition
Last Surfaced	1988
Pavement Surface Evaluation & Rating	5/10 – structural improvement required, over 50% of pavement is cracked & deteriorated
Curb Rating	7/10 – spot repairs only
Width	42'
Surface	Asphalt
Sidewalk	5' wide, both sides
Sanitary	8" clay 1959 – located in terrace
Water	12" iron 2017 – located in street
Storm	12" reinforced concrete 1950 – located in terrace



Existing Conditions – Segoe Road

Item	Existing Condition
Last Surfaced	1989
Pavement Surface Evaluation & Rating	4/10 – structural improvement required, over 75% of pavement is cracked & deteriorated
Curb Rating	7/10 – spot repairs only
Width	64' pavement & 26' median
Surface	Asphalt
Sidewalk	5', both sides
Sanitary	8" clay 1959 – located in terrace
Water	6" cast Iron 1958 – located in terrace
Storm	7'x3' box culvert 1962 – located in median



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Bus Rapid Transit (BRT) on Sheboygan Ave & Segoe Rd

- 2 Stations within project limits
 - Sheboygan at Eau Claire
 - Segoe at Sheboygan
- Separate project, but working in conjunction with this one
- Both stations will likely be constructed before this project begins
- BRT is scheduled to go online in late 2024
- To learn more about BRT in Madison, visit <https://www.cityofmadison.com/metro/routes-schedules/bus-rapid-transit>

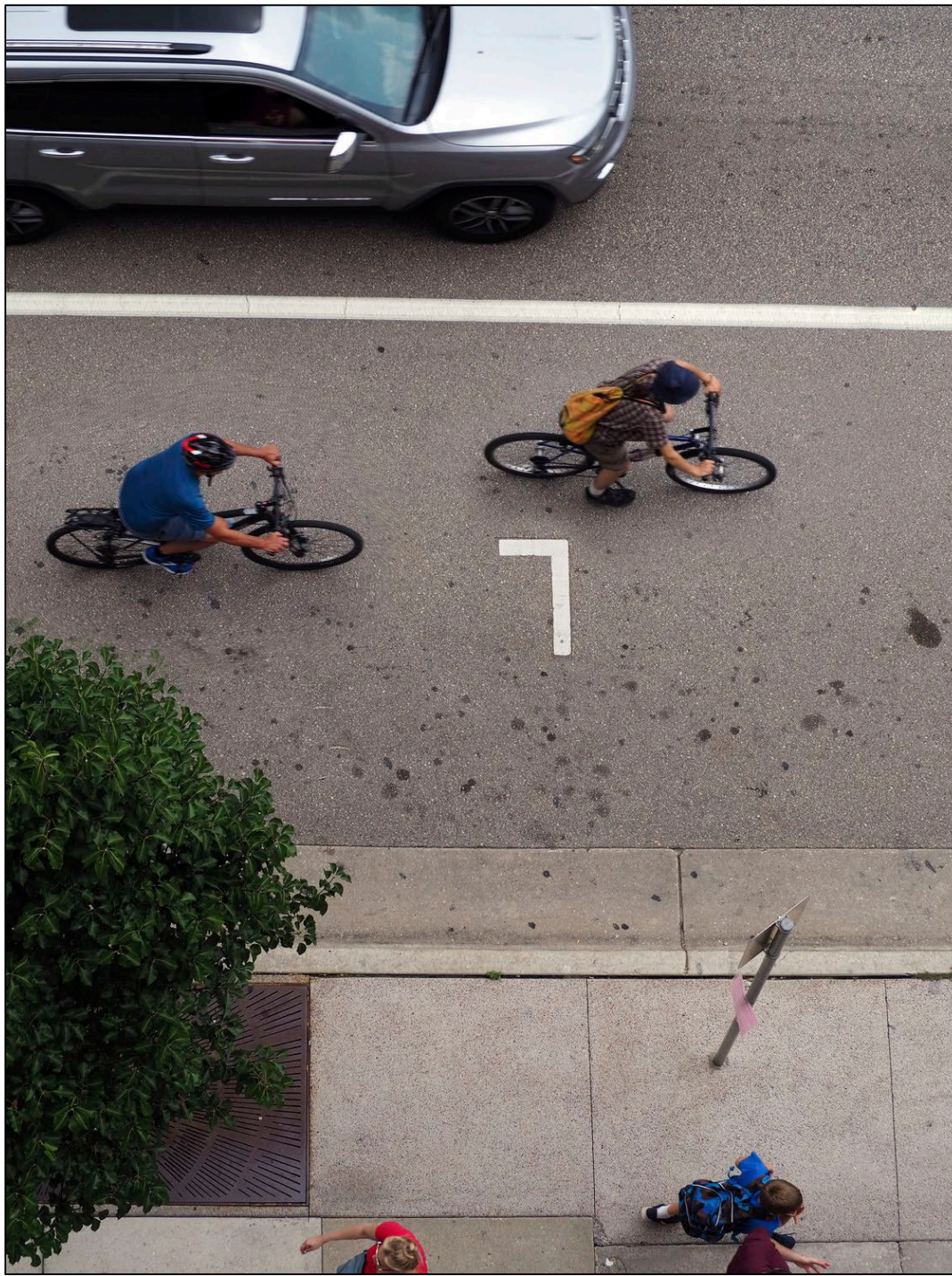


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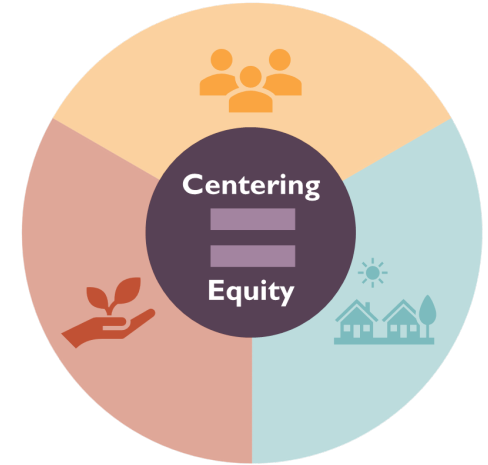
City of Madison

Complete Green Streets Guide



STREET VALUES

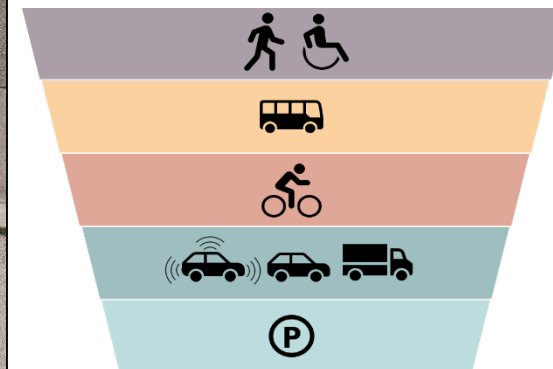
Putting People First



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

- Mixed-Use Connector
 - Target Speed: 25 mph
 - Walking: High priority
 - Crossing enhancements
 - Travelway: Medium Priority
 - Bike lanes
 - 2 travel lanes
 - Flex Zone: Medium Priority
 - Trees
 - Enhanced transit stops
 - Optional loading zones and street parking

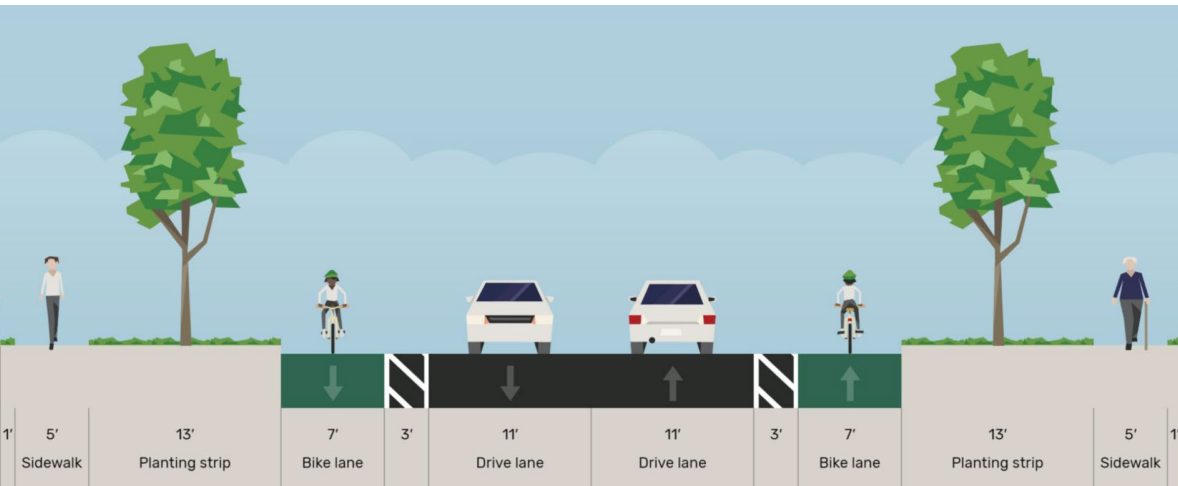


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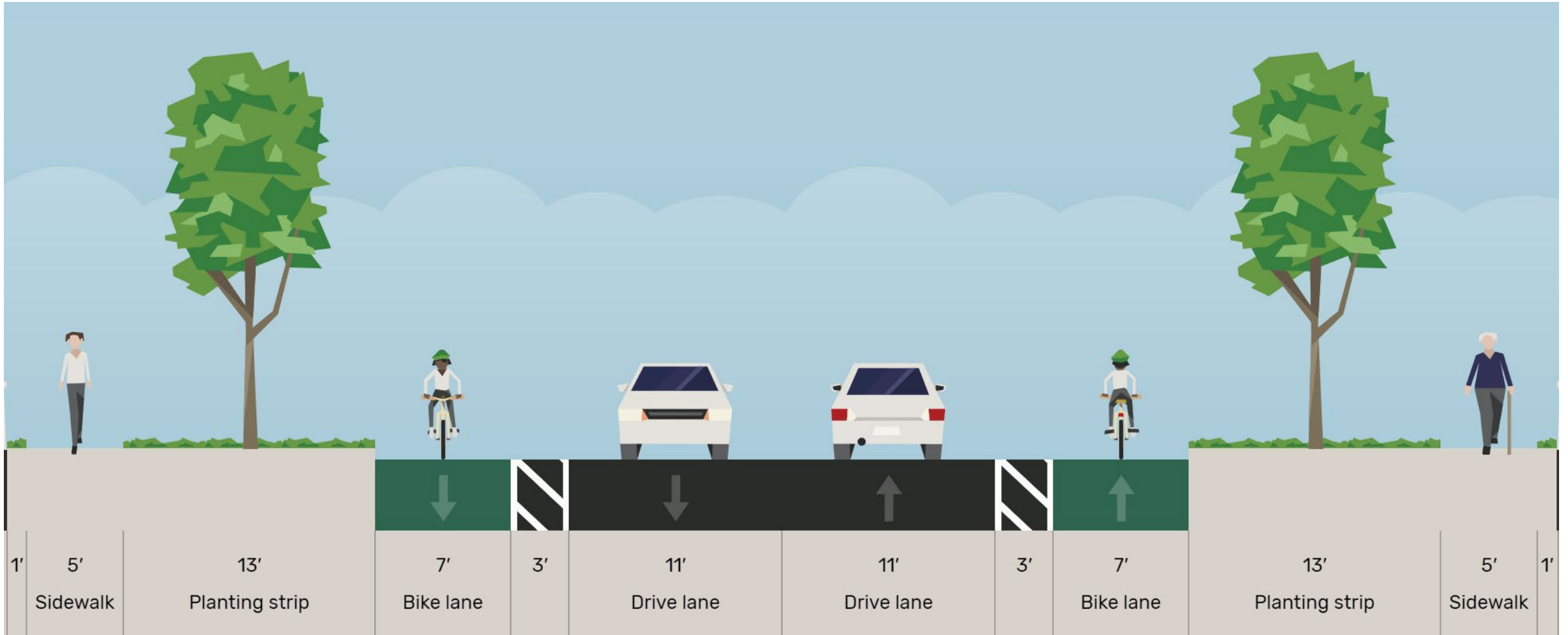
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Proposed Sheboygan Ave Redesign

- Sheboygan Avenue (Whitney Way to Segoe Road)
 - Replace all asphalt
 - Spot replace gravel base, curb & gutter, and sidewalk as needed
 - Replace concrete terrace walks
 - Replace driveways aprons
 - Proposed reconfiguration
 - 11' travel lanes
 - 7' bike lanes (including gutter), 3' buffer



Proposed Sheboygan Ave Redesign



Sheboygan Ave – Priorities

- Current Uses for Flex Zone
 - Large, mature trees
 - Bus Stops & Loading Zones
 - 2 hr Parking
- Current Uses for Travelway
 - 2 shared lanes
- Proposed Uses for Flex Zone
 - Large, mature trees
 - Bus Stops & Loading Zones
- Proposed Uses for Travelway
 - 2 motor vehicle lanes
 - 2 buffered bike lanes

Transit Priority Network

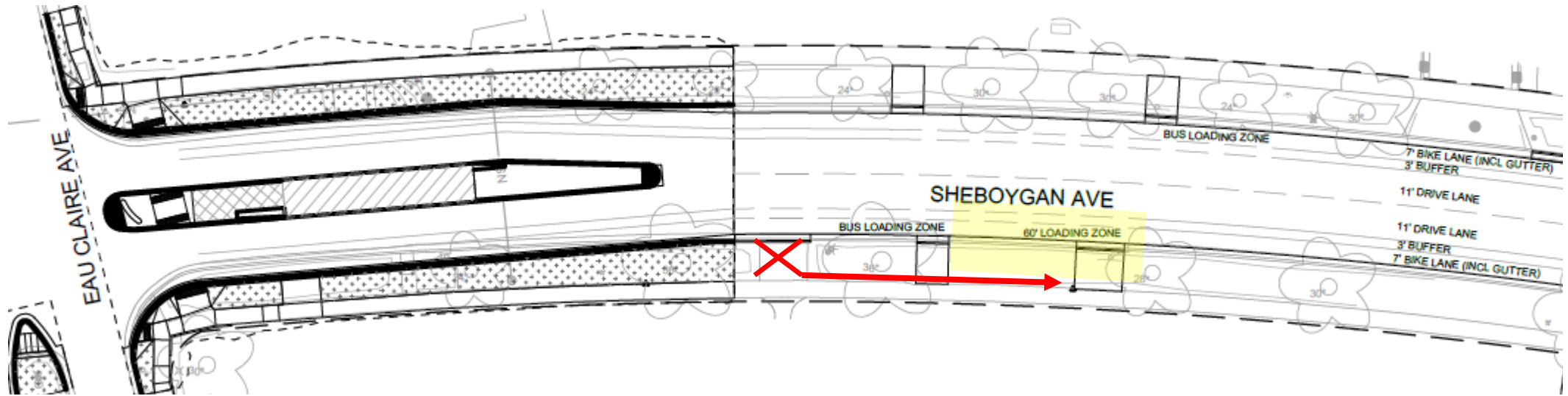
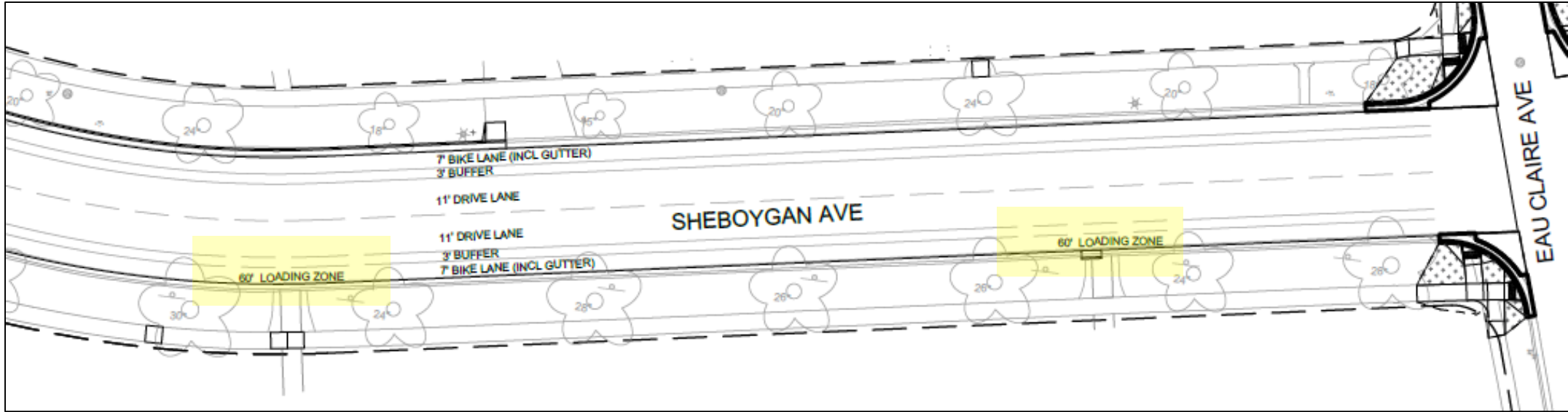
(prioritizes transit on high frequency transit corridors)

Tree Canopy Priority Areas

(influences width and design of terraces)

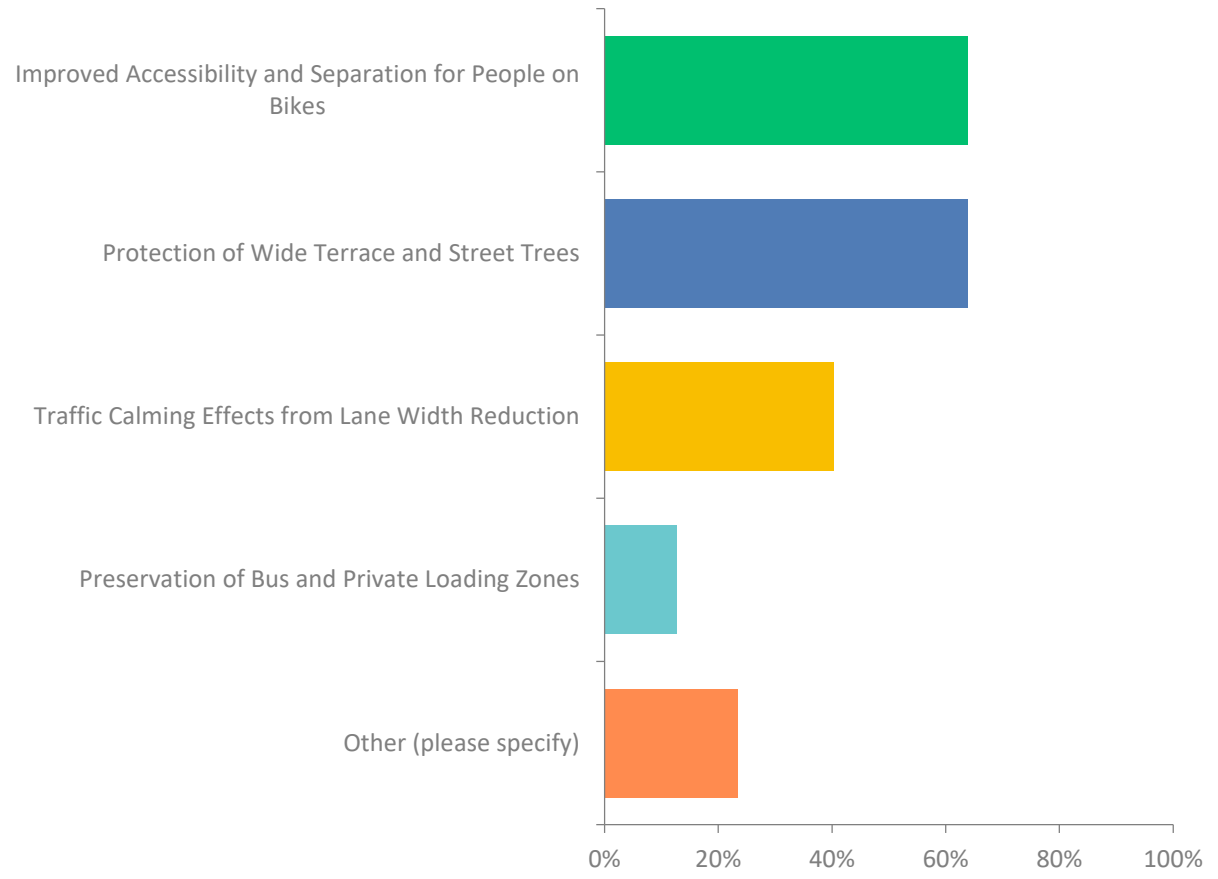


Sheboygan Ave Layout: 10 minute Loading Zones



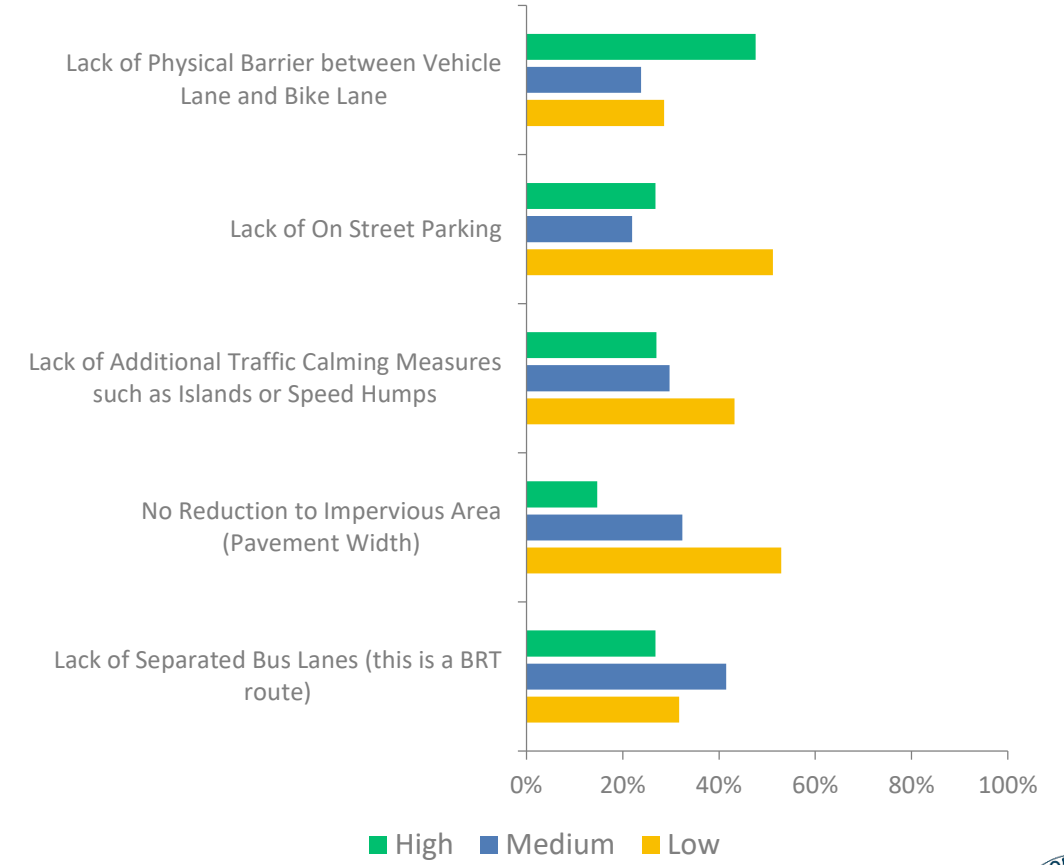
Proposed Sheboygan Ave Redesign – Preliminary Questionnaire Results

What do you like about the layout?



47 respondents

What concerns you and level of concern?



■ High ■ Medium ■ Low

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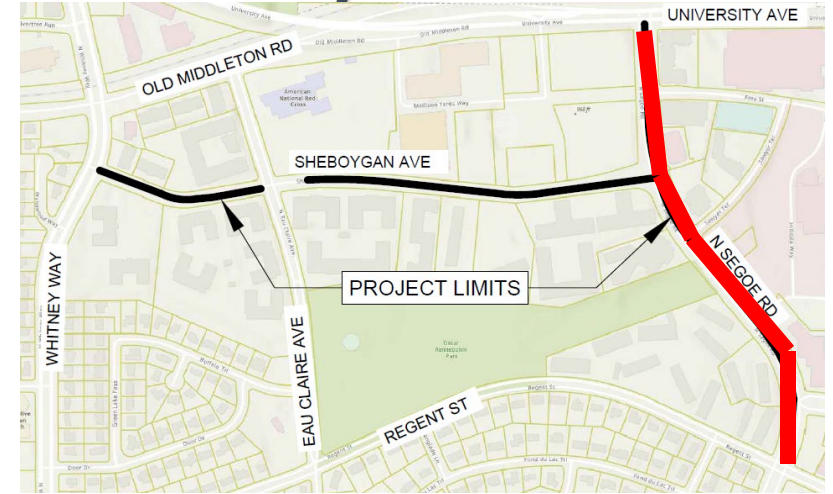


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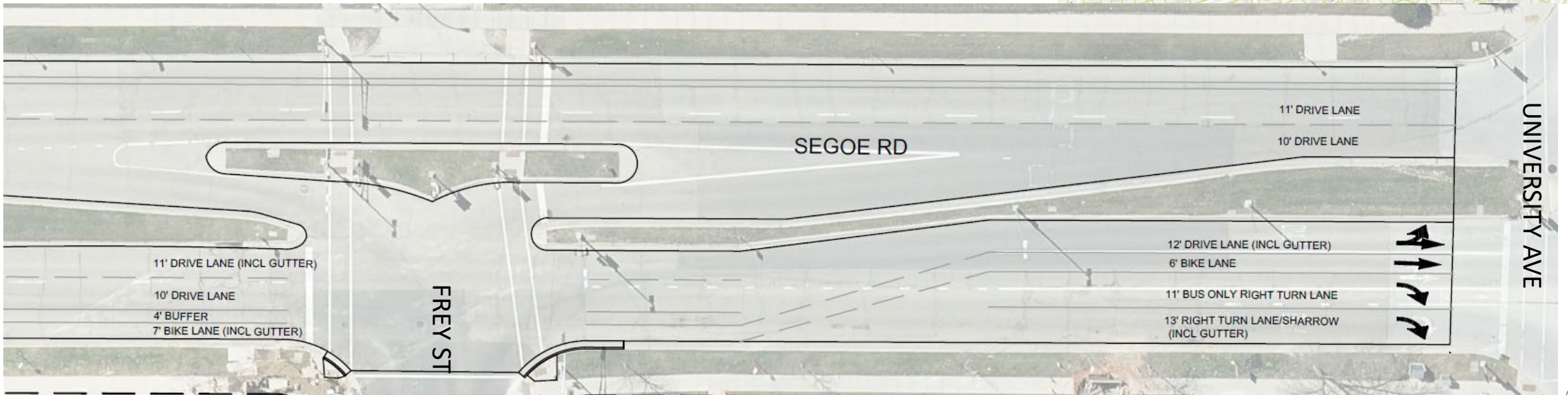
Proposed Street Repair – Segoe Rd (Regent Street to University Avenue)

- Replace all asphalt and gravel base
- Spot replace curb & gutter and sidewalk as needed
- Spot replace concrete terrace walks
- Spot replace driveways aprons



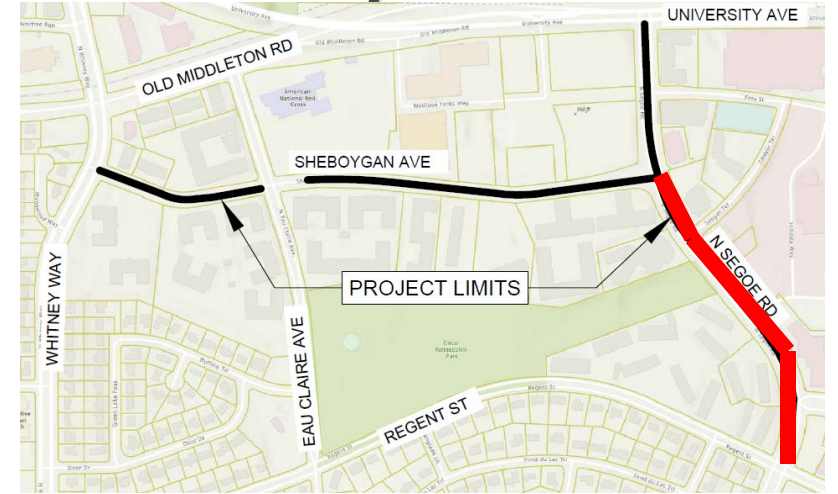
Proposed Street Redesign – Segoe Rd (Sheboygan Avenue to University Avenue)

- Geometry determined by previously decided BRT plans
 - 2 drive lanes in each direction with buffered bike lanes
 - Bus-only right turn lane at University
 - Bike thru lane at University



Proposed Street Redesign – Segoe Rd (Regent Street to Sheboygan Avenue)

- Improve pedestrian crossing locations
- Center Lighting
- Change from 2 driving lanes in each direction, to 1 driving lane in each direction
- ***2 options for proposed reconfiguration***

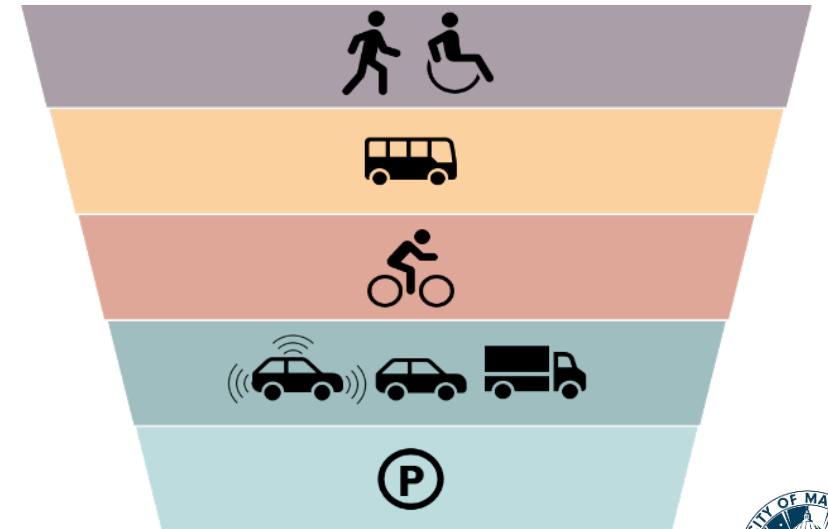


All Ages and Abilities Bike Network

(key corridors to prioritize high-comfort bikeways)

Tree Canopy Priority Areas

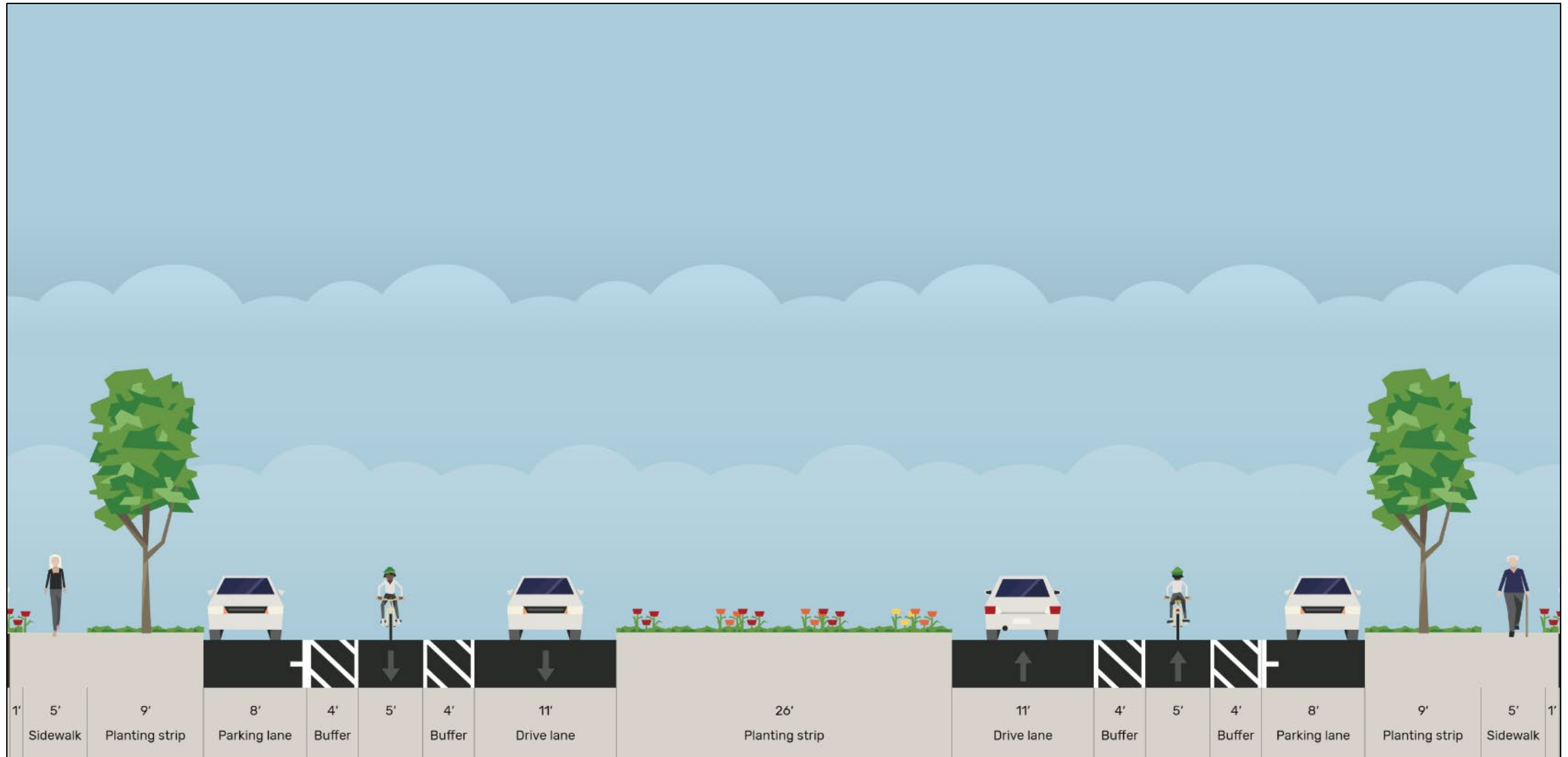
(influences width and design of terraces)



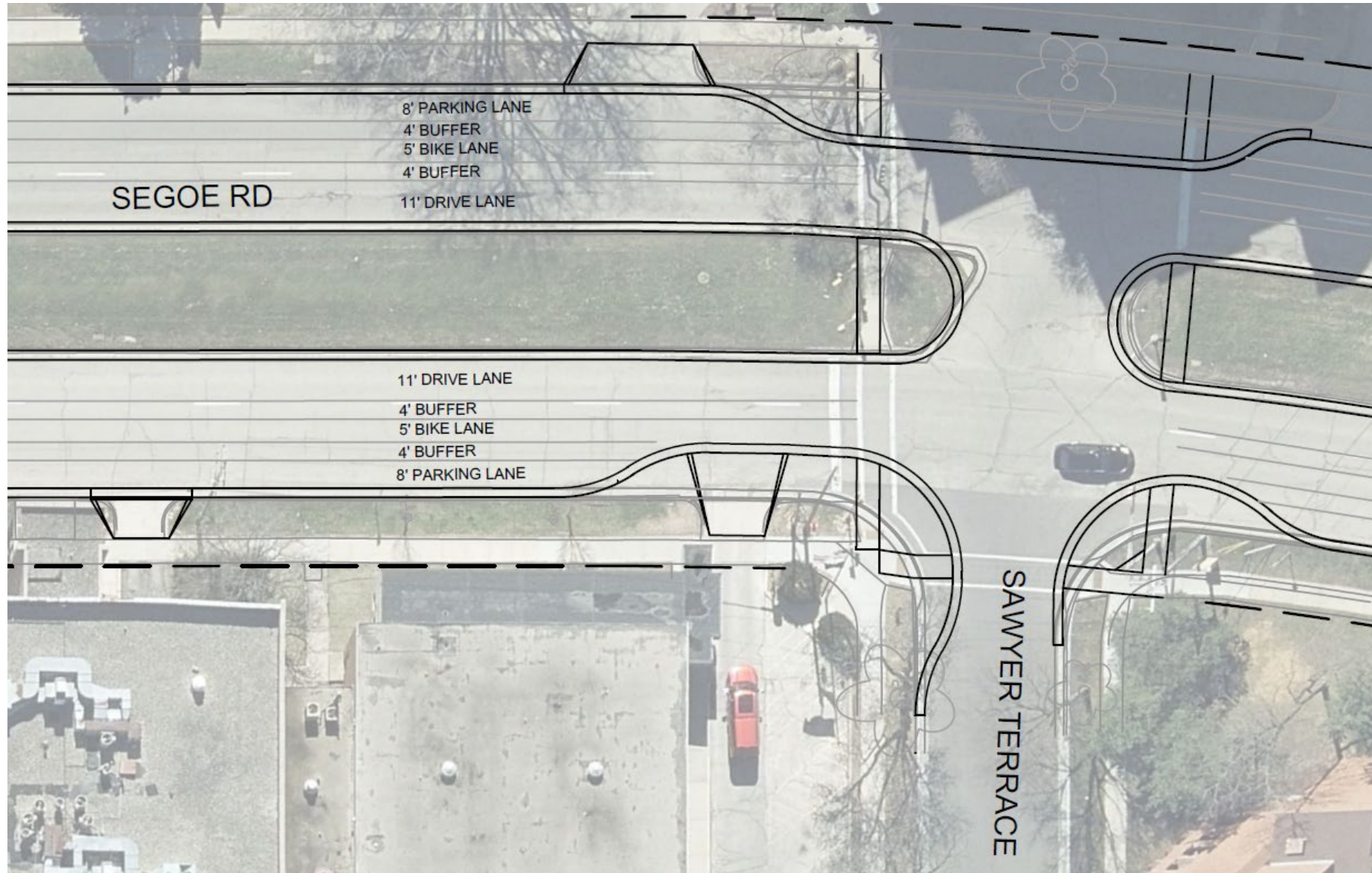
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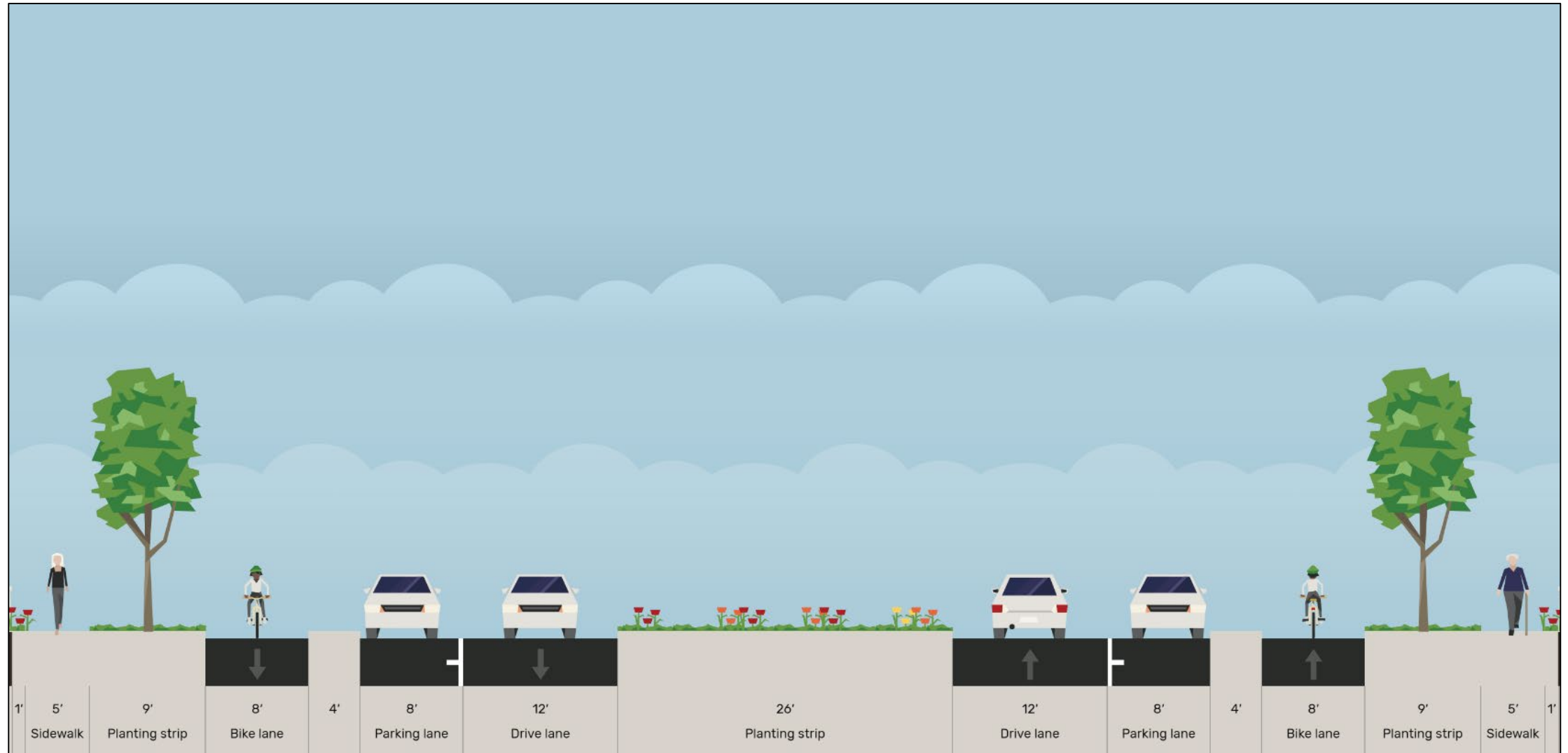
Proposed Street Redesign – Segoe Rd Option A



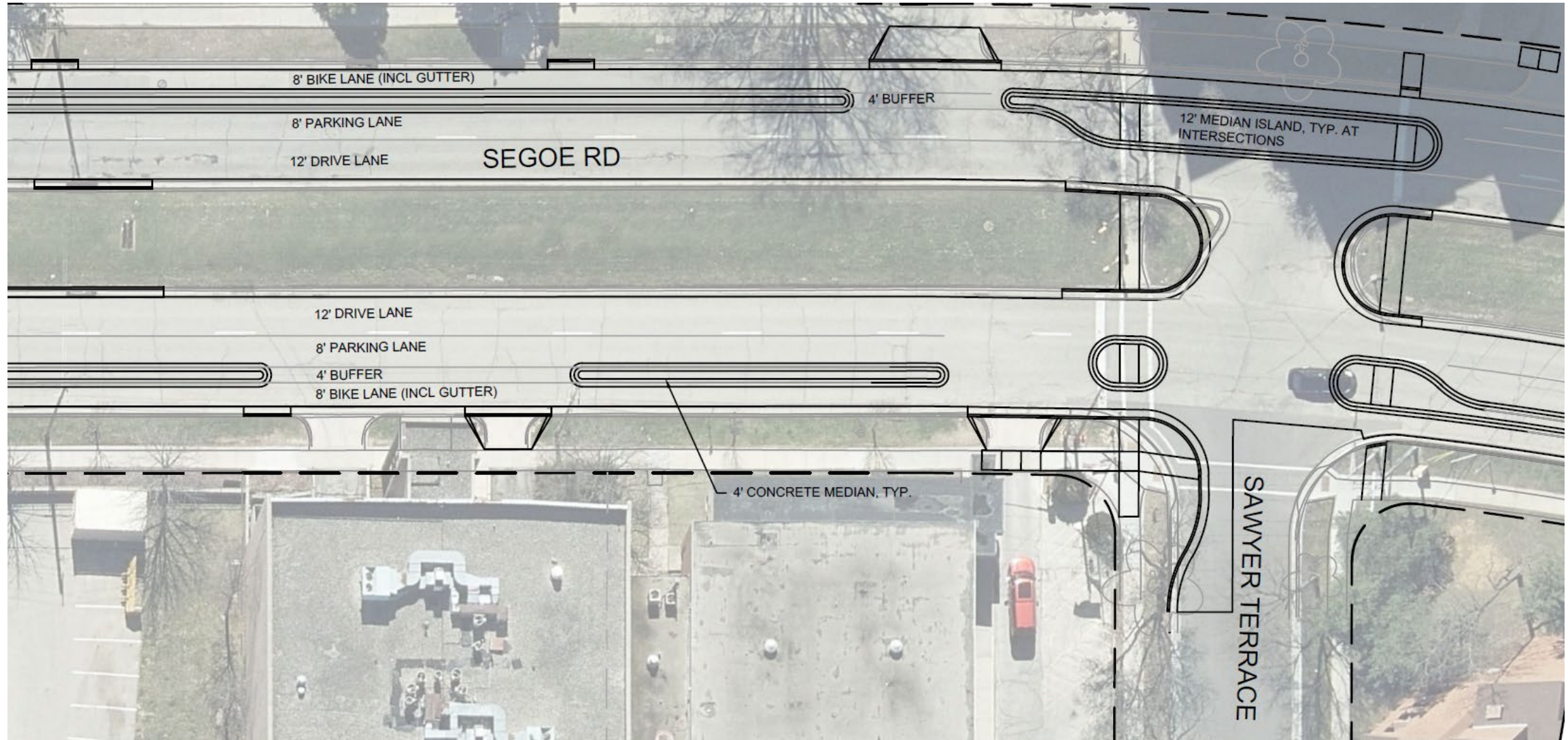
Proposed Street Redesign – Segoe Rd Option A



Proposed Street Redesign – Segoe Rd Option B



Proposed Street Redesign – Segoe Rd Option B



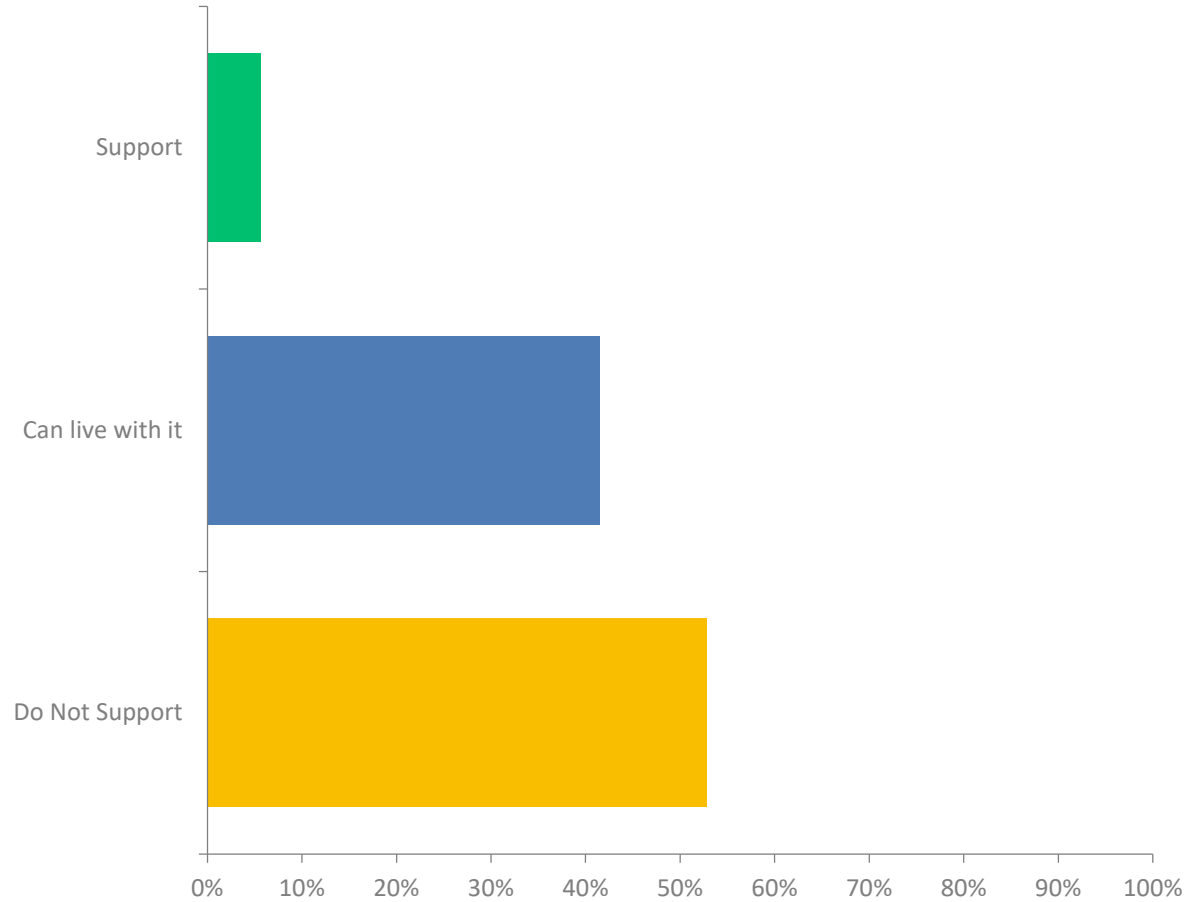


Unsafe Crossing on Segoe Rd: Adults needed to stand in the road and stop traffic to allow children to cross

Proposed Street Redesign – Segoe Rd

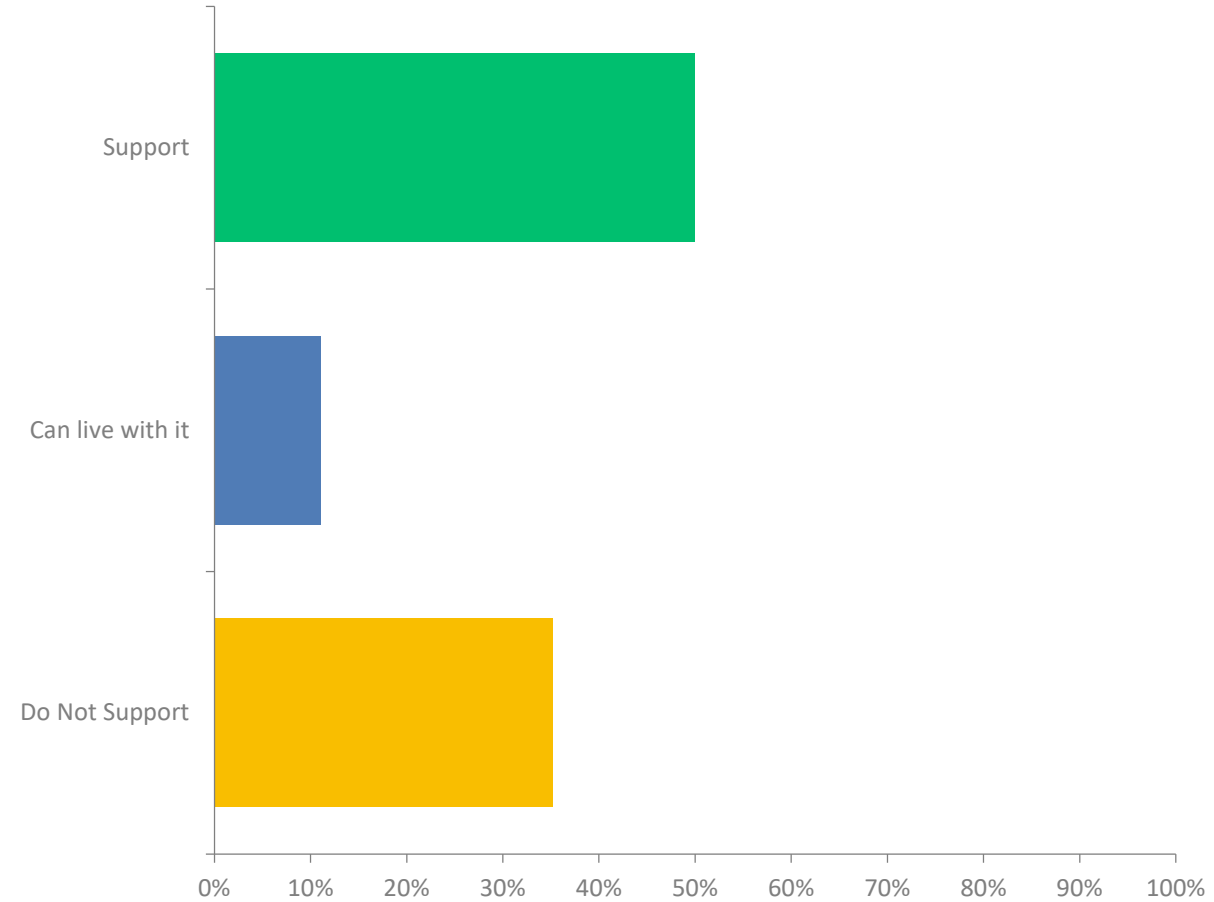
Preliminary Questionnaire Results

Option A



53 respondents

Option B



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Proposed Utility Design

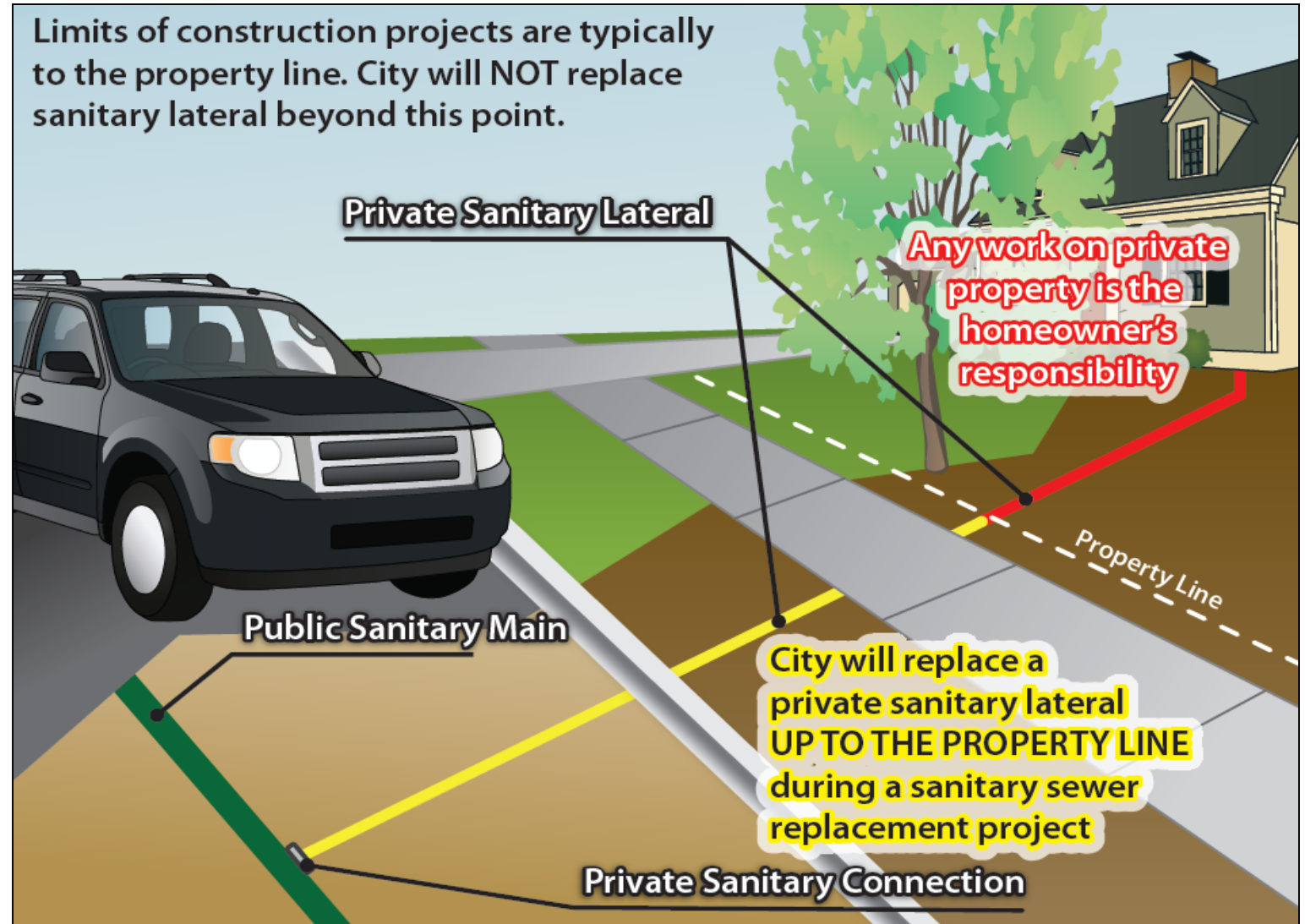
- Replace and upsize Sanitary Sewers on both Sheboygan Ave and Segoe Rd
 - Moving pipes from under terrace to under roadway
- Replace Water Main on east side of Segoe Rd
- Replace all storm sewer Catch-basins
- New storm sewer pipe from Rennebohm Park to the intersection of Sheboygan and Segoe to improve area drainage



- New Water Main
- New Sanitary Sewer
- New Storm Sewer

Proposed Utility Design – Sewer Lateral

- Sanitary Sewer Lateral Installation
 - Replace to property line
 - Laterals will be reconnected
 - Work beyond the property line is the property owner's responsibility

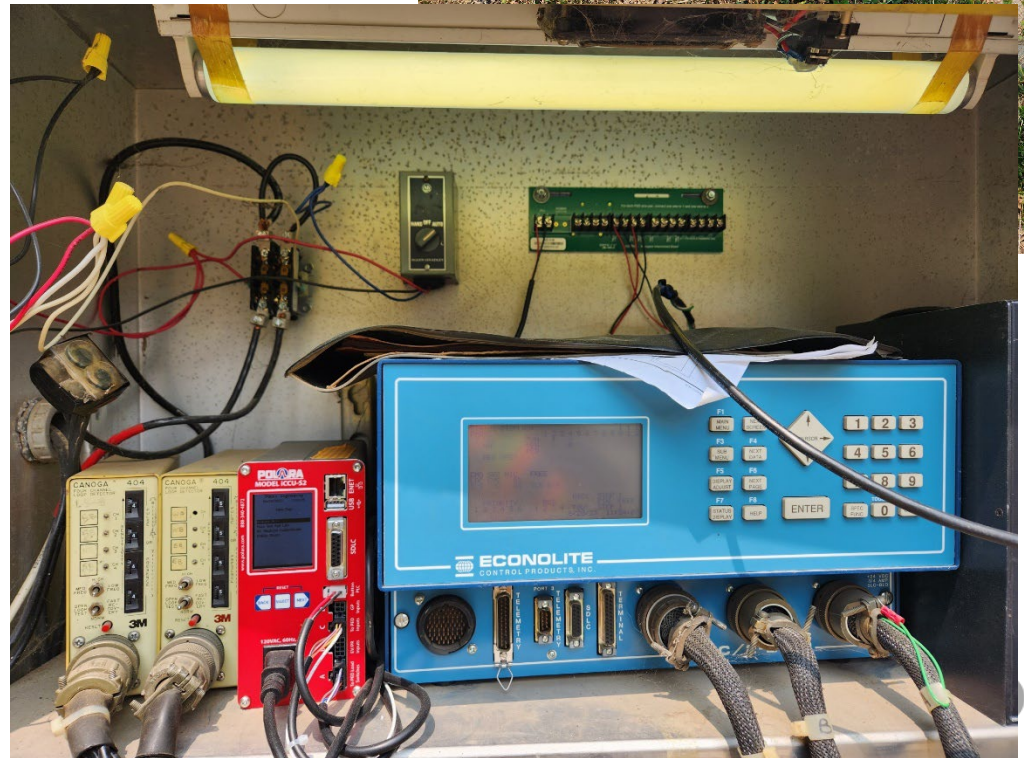


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Segoe Rd & Regent St Intersection

- Aging infrastructure
- Outdated signal equipment
- Potential for unplanned reconstruction
- Updates needed with project.



What Type of Intersection Control?

- **Traffic Signal**

- Pros

- Accessible Ped Signal
- Operational flexibility
- Higher capacity

- Cons

- Higher speeds
- Potentially longer delays
- Startup loss
- Increased pedestrian delay

- **All Way Stop**

- Pros

- More predictable than signals
- Less startup loss
- Slower speeds
- Safety
- Less pedestrian delay

- Cons

- Longer recovery
- No APS devices
- Lower capacity

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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
- ▶ No planned tree removals
- ▶ Property owners will be notified if a tree needs to be removed during construction
- ▶ Methods of tree protection include:
 - Leaving curb in place
 - Bends & limits of work for sewer laterals
- ▶ After project completion, Forestry will evaluate terrace for potential tree planting locations

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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 4% interest
- ▶ Final assessment billed after project completion
 - Based on measured quantities
 - Unit prices for driveways, terrace walks, and pavement reconstruction will not change from preliminary
 - Unit prices for sanitary laterals and private storm sewer connections based on bid prices
 - 2025

Assessment Policy & Costs

Sheboygan Avenue and Segoe Road

Item	Property Owner Share	City Share
10' Pavement Replacement*	100%	0%
Driveway Apron	50%	50%
Terrace Walk (between sidewalk & curb)	50%	50%
Sidewalk Replacement	0%	100%
Intersection Curb & Pavement	0%	100%
Sanitary Sewer Main	0%	100%
Sanitary Laterals to Property Line	25%	75%
Water Main	0%	100%
Water Main Services	0%	100%
Storm Sewer Main	0%	100%
Private Storm Connections (if any)	100%	0%
Street Lighting	100%	0%

*Curb assessed per linear ft. of frontage



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Project Approval Schedule

- July 26, 2023: Approving Geometry; Transportation Commission
 - Members of the public are encouraged to register online and join the meeting to share their opinions
- August 11, 2023: Mail Estimated Assessment & Public Hearing Notice
- August 23, 2023: Approving Plans, Specifications, & Assessments; Board of Public Works Public Hearing
 - Members of the public are encouraged to register online and join the meeting to share their opinions. More information will be provided from engineering in the public hearing notice
- September 5, 2023: Approving Plans, Specifications, & Assessments; Common Council Public Hearing
 - Members of the public are encouraged to register online and join the meeting to share their opinions. More information will be provided from engineering in the public hearing notice



Construction & Access

- ▶ Sheboygan Avenue closed during project, local traffic only
- ▶ Existing Segoe Road traffic shift to one side and reduced to one lane
- ▶ All driveways accessible during construction
 - Constructed one half at a time
- ▶ Existing Sheboygan Avenue and Segoe Road parking removed during working hours (7am-7pm) for project duration
- ▶ Approximately 4-5 months to complete work
- ▶ Advertise for Bids: Fall 2023
- ▶ Construction: Spring – Summer 2024

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Contact Information & Resources

▶ Engineering

- Project Engineer, Mario Galindez, 266-4095, mgalindez@cityofmadison.com
- Project Manager, Andrew Zwiieg, 266-9219, azwieg@cityofmadison.com
- Public Information Officer, Hannah Mohelnitzky, 669-3560, hmohelnitzky@cityofmadison.com

▶ Traffic Engineering

- Alexandra Heinritz, Traffic Engineer, 267-1102, ahleinritz@cityofmadison.com

▶ Project Website: <https://www.cityofmadison.com/engineering/projects/sheboygan-segoe-redesign>

- Sign-up for project email updates on the website
- A PDF of the presentation, design information, & construction progress will be posted to the project website

▶ Facebook – City of Madison Engineering

▶ Twitter – @MadisonEngr

▶ Everyday Engineering Podcast – search “Everyday Engineering” on Apple iTunes or GooglePlay

Thank You for Attending!

▶ Questions

- Please use the “Q&A” option at the bottom of the screen to type a question.
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▶ Engineering

- Project Engineer, Mario Galindez, 266-4095, mgalindez@cityofmadison.com
- Project Manager, Andrew Zwiieg, 266-9219, azwieg@cityofmadison.com
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▶ Traffic Engineering

- Alexandra Heinritz, Traffic Engineer, 267-1102, aheinritz@cityofmadison.com

▶ Project Website: <https://www.cityofmadison.com/engineering/projects/sheboygan-segoe-redesign>

- Sign-up for project email updates on the website
- A PDF of the presentation, design information, & construction progress will be posted to the project website