

TO: Transportation Commission

FROM: Renee Callaway, Pedestrian Bicycle Administrator

SUBJECT: **Complete Green Streets – Draft Project Checklist**

The approved Complete Streets Guide included steps for implementation including the development of a checklist to document project-level data, engagement, and final designs. The Project Checklist serves as a tool to review projects over multiple years to ensure that the equity goals are met and that the CGS Guide is being implemented as intended.

Included with this Memo is a draft Complete Green Streets Checklist for the Sheboygan Ave – N Segoe Rd Resurfacing Project. This is for discussion purposes with the intent to refine the checklist so it adds value to the Transportation Commission process before moving forward with broader implementation.

Key elements of the project checklist discussed in the CGS Guide include:

- Record of project extents, improvement type, schedule, project staff, and context.
- Identification of the Street Type, Overlays, and nearby facilities and destinations that influence street design.
- Inventory of conditions (including crash data, speeds, traffic volumes, infrastructure present, pavement condition, school zones, parking, etc.)
- Identification of engagement efforts and outcomes.
- Illustration of the initial proposed cross-section and the approved cross-section.
- Description of how the final design will be communicated to the community and the final design elements included in the project.
- If the project is within an Equity Priority Area, the checklist also requires City staff to:
  - Use the City's RESJII Public Participation Guide to assist in developing an engagement plan appropriate for the project.
  - Identify and document opportunities to work together with other departments on engagement.
  - Identify how previous plans or engagement efforts in the area help inform priorities or concerns for the project.
  - Document feedback on the engagement and design process.
  - List issues or concerns identified that were not addressed by the street project, along with listing departments or staff notified of the issues.

Please consider what would make it more useful. For instance:

- Does it have too much information?
- Are things missing that you would like to see included to help with decision-making or provide a better project record?
- Do you prefer the project presentation and this is not helpful?
- Would it be more helpful if design of Project List was different?
- Other thoughts or ideas to improve the checklist.

# Complete Green Streets Project Checklist - DRAFT

## Project Name and Limits

- Sheboygan Ave (except Eau Claire intersection)
- N Segoe Rd (University to Regent)

## Project Map



**Project Improvement Type**

Resurfacing with utilities

**Alder District**

District 11

**Project Schedule**

2024 Construction

**Project Website**

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

**Project Team**

Mario Galindez, Engineering (Project Manager)

Andy Zweig, P.E., Engineering

Eric Cefalu, Engineering - Sewer

Ali Heinritz, Traffic Engineering

Jerry Schippa, Traffic Engineering

Renee Callaway, Traffic Engineering

Craig Klinke, Streets - Forestry

## Section One: Data Gathering

### 1. What is the Street Type for this project?

Mixed-Use Connector

### 2. What is the Right of Way Width?

Sheboygan Ave – 80'

Segoe Rd – 120'

### 3. What are the Overlays for this project?

Equity Priority Area

Transit Priority Network (Sheboygan Rd)

All Ages Ability Bike Network (Segoe Rd)

Tree Canopy Priority Area (East of Eau Claire on Sheboygan, Segoe Rd)

DGI Priority Area

NHS & Truck Routes

### 4. What type of facilities that would influence the street design are located within the project boundaries or within ¼ mile of the street project?

School: No

Park: Yes, on the street

Library or Community Center: No

Senior Living Apartments/Facility: Yes, on the street

Hospital: No

Business District or similar shopping area: Yes, on the street

Event Venue: No

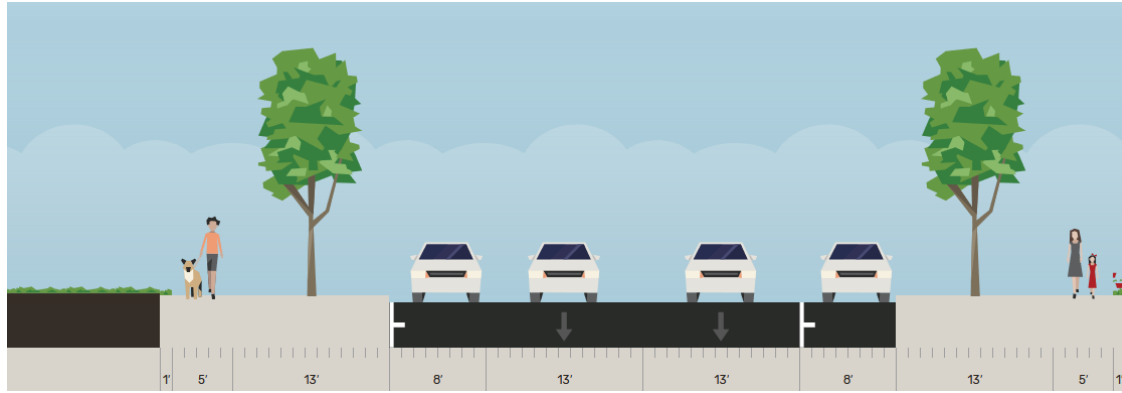
Fire Station: No

Other: Yes, on the street - State Office Building, Red Cross, Post Office

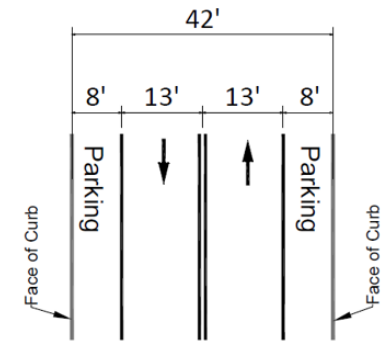
Other: Yes, within 1/4 mile of project – Swimming Pool

## 5. Review of Current Conditions

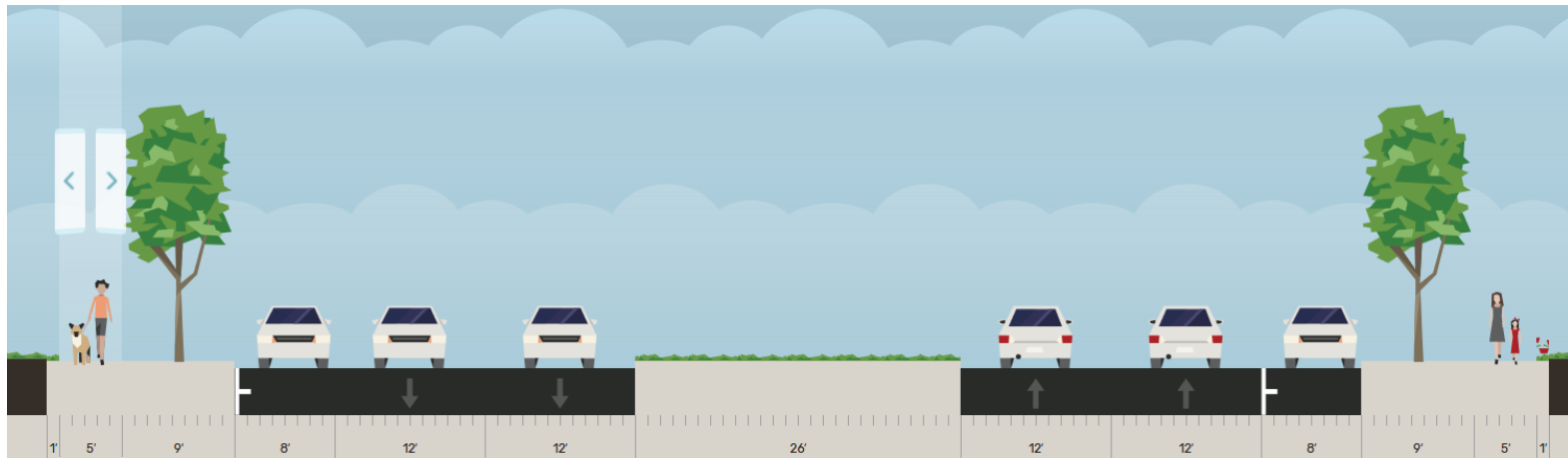
### Sheboygan Ave



### Current Configuration (West of Madison Yards)



### Segoe Rd



Current Street Infrastructure	Additional Information
<p>Crash Data High Injury Network</p>	<p>2017-Current Injury Crashes:</p> <ul style="list-style-type: none"> <li>• Segoe/Sheboygan <ul style="list-style-type: none"> <li>○ Pedestrian in Segoe crosswalk; driver NB on Segoe didn't yield</li> </ul> </li> <li>• Segoe/Heather Crest <ul style="list-style-type: none"> <li>○ MV with driver turning onto Heather Crest not yielding to NB Segoe driver</li> </ul> </li> <li>• Segoe/Regent <ul style="list-style-type: none"> <li>○ 5 MV crashes; red light violations</li> </ul> </li> </ul> <p>High Injury Network</p> <ul style="list-style-type: none"> <li>• Sheboygan: Whitney to Eau Claire and Segoe to 725 feet west of intersection</li> </ul>
<p>Current posted speed limit Other Speed Data</p>	<p>Current Posted Speed Limit:</p> <ul style="list-style-type: none"> <li>• Sheboygan – 30 mph</li> <li>• Segoe – 25mph (reduced from 30mph in 2022)</li> </ul> <p>Speed Study Data:</p> <p>Sheboygan Ave (Eau Claire-Segoe) Oct 2022</p> <ul style="list-style-type: none"> <li>• 25mph &amp; below – 27%</li> <li>• 26-30mph – 37%</li> <li>• 31-35mph – 25%</li> <li>• 36-40mph – 8%</li> <li>• 40+mph – 2%</li> </ul> <p>Sheboygan Ave (Whitney-Eau Claire) Oct 2022</p> <ul style="list-style-type: none"> <li>• 25mph &amp; below – 47%</li> <li>• 26-30mph – 39%</li> <li>• 31-35mph - 13%</li> <li>• 36-40mph – 1%</li> <li>• 40+mph – 0.06%</li> </ul>

	<p>Segoe Rd (Frey-Sheboygan) April 2023</p> <ul style="list-style-type: none"> <li>• 25mph &amp; Below – 26%</li> <li>• 26-30mph – 34%</li> <li>• 31-35mph – 29%</li> <li>• 36-40mph – 10%</li> <li>• 40+mph – 1%</li> </ul>
Traffic Volumes	<p>Motor Vehicle</p> <p>Sheboygan Ave (Eau Claire-Segoe)</p> <ul style="list-style-type: none"> <li>• Oct 2022 – 3,291</li> <li>• Sept 2021 – 2,2720</li> </ul> <p>Sheboygan Ave (Whitney-Eau Claire)</p> <ul style="list-style-type: none"> <li>• Oct 2022 – 3,198</li> </ul> <p>Segoe Rd (Frey-Sheboygan)</p> <ul style="list-style-type: none"> <li>• April 2023 – 7,334</li> </ul>
Sidewalks & Paths	<ul style="list-style-type: none"> <li>• No gaps in sidewalk network - spot repairs needed</li> <li>• Curb ramp updates and detectable warning fields needed in some locations</li> </ul>
Bicycle infrastructure	<p>Sheboygan Ave</p> <ul style="list-style-type: none"> <li>• LOS 3</li> </ul> <p>Segoe Rd</p> <ul style="list-style-type: none"> <li>• On All Ages Ability Bike Network</li> <li>• LOS 3 from Sheboygan to Regent</li> <li>• LOS 3 from Sheboygan to University NB</li> <li>• LOS 4 from Sheboygan to University SB</li> <li>• No curb cut to access Rennebohm Park Path</li> </ul>
Signalized intersection(s)	<p>Sheboygan</p> <ul style="list-style-type: none"> <li>• None currently</li> <li>• BRT Project will signalize Sheboygan/Whitney and Sheboygan/Segoe</li> </ul> <p>Segoe Rd</p> <ul style="list-style-type: none"> <li>• University Ave – APS on east leg</li> <li>• Frey – APS (pedestrian signal only on south leg)</li> <li>• Sawyer – Older audible tone; needs APS</li> </ul>

	<ul style="list-style-type: none"> <li>• Regent – Older audible tone; needs APS</li> </ul>
Pavement rating	4-5
Curb and gutter rating	7, spot repairs needed
Stormwater Study Information	Willow Creek Watershed Study - <a href="https://www.cityofmadison.com/engineering/projects/willow-creek-watershed-study">https://www.cityofmadison.com/engineering/projects/willow-creek-watershed-study</a>
Tree canopy	70 for most of project, Eau Claire to Whitney 100
Transit Service	Routes A, F and R on Sheboygan Ave and on Segoe (Sheboygan-University)
School Zone	No
Snow emergency zone	No
Clean Streets Clean Lakes area	No
Parking Information	<p>RP3 Area 20 – 2019 Data: 0.04 permits issued per RP3 space</p> <p>Sheboygan Ave Parking</p> <ul style="list-style-type: none"> <li>• Current includes: RP3, Loading Zones, &amp; No Parking 7am-6pm (near Red Cross)</li> <li>• 2023 Parking Count (Whitney Way to Eau Claire Ave) <ul style="list-style-type: none"> <li>○ 8am Weekdays: 19-22 parked cars</li> <li>○ 8am Weekends: 29-34 parked cars</li> <li>○ Noon Weekdays: 14-18 parked cars</li> <li>○ Noon Weekends: 23-24 parked cars</li> <li>○ 4pm Weekdays: 10-15 parked cars</li> <li>○ 4pm Weekends: 25-26 parked cars</li> <li>○ 8pm Weekdays: 20 parked cars</li> <li>○ 8pm Weekends: 26-28 parked cars</li> </ul> </li> </ul> <p>Segoe Rd Parking</p> <ul style="list-style-type: none"> <li>• Current includes: RP3 (Area 20)</li> <li>• 2023 Parking Count (Sheboygan Ave to Regent St) <ul style="list-style-type: none"> <li>○ 8am Weekdays: 7-8 parked cars</li> <li>○ 8am Weekends: 3-4 parked cars</li> <li>○ Noon Weekdays: 8-11 parked cars</li> <li>○ Noon Weekends: 3 parked cars</li> </ul> </li> </ul>



	<ul style="list-style-type: none"> <li>○ 4pm Weekdays: 5-12 parked cars</li> <li>○ 4pm Weekends: 2-3 parked cars</li> <li>○ 8pm Weekdays: 4-6 parked cars</li> <li>○ 8pm Weekends: 4-5 parked cars</li> </ul>
Placemaking (items in the ROW such as street art, bike racks, benches, neighborhood signs, street cafes, BCycle) Project includes 1% for the Arts	<ul style="list-style-type: none"> <li>● Bus Stops</li> <li>● Sheboygan - Bench at Red Cross property</li> <li>● Segoe Rd - Bench at 602 N Segoe (Gardens Retirement Community)</li> <li>● Not a 1% for the Arts requirement</li> </ul>
Underground utilities presence & condition	Replacing outdated utilities – sanitary and water
DGI Information	Reachshed 64, Salt Routes

**6. Are there recent area or neighborhood plans or other outreach efforts that can inform the project? List relevant information.**

1. Hill Farms Neighborhood Plan (2016)
  - Study reducing speed on Sheboygan Ave to 25 mph
  - Consider streetscape improvements including LED lighting, bike lanes, bikeshare facilities, bus stop amenities, wider sidewalks, traffic calming
  - Recommends construction of a path to connect Rennebohn Park Paths and Sheboygan Ave using utility easement
  - Construct a roundabout at Segoe/Sheboygan
  - Implement Bus Rapid Transit
  - Continue bike lanes along N Segoe Rd (44-700 blocks)
  - Explore ped/bike crossing at University at N Segoe Rd
  - Install high visibility crosswalk at N Segoe Rd & Sawyer Terrace
  - Install pedestrian countdown signals at Segoe/Sheboygan
  - Install pedestrian island at Segoe/Vernon
  - Explore one-hour or two-hour residential parking restrictions to address commuter parking press
  - Study feasibility of park and ride on or near Sheboygan Ave as proposed BRT system may include the loss of some parking on Sheboygan Ave
  - Consider the feasibility of a small bus/trolley circulator with routes between Hilldale, West Senior Center, medical clinics and offices, and proposed BRT stations.
  - Full plan at [https://www.cityofmadison.com/dpced/planning/documents/University\\_Hill%20Farms\\_2016.pdf](https://www.cityofmadison.com/dpced/planning/documents/University_Hill%20Farms_2016.pdf)
2. Public Meeting on 4700-4900 Block of Sheboygan Ave – Feb 17, 2022
  - Discussed options for Sheboygan Ave to determine design for area near Madison Yards
  - Design reviewed and approved at Transportation Commission on Feb 23, 2022
  - Approved adding buffered bike lanes adjacent to Madison Yards only with design to west deferred for resurfacing project
  - [Public Comment](#)

## Section Two: Engagement Planning

### 1. List planned/completed engagement activities, meetings, mailings and where appropriate list days/times.

- For projects not identified as in an Equity Priority Area, follow your department's standard engagement process.
- For Equity Priority Area, use the City's [RESJII Public Participation Guide](#) to assist the project team in developing an engagement plan appropriate for the project.

#### Sheboygan/Segoe Resurfacing Project

- Mailing to residents
- Online survey (paper survey upon request; also mailed paper survey to Renaissance Senior Living apartments),
- Virtual public meeting on July 19, 2023 (recorded & linked on website)
- Outreach to Sheboygan Ave Monticello Apartments to discuss loading zone needs
- Website - <https://www.cityofmadison.com/engineering/projects/sheboygan-segoe-redesign>

#### Sheboygan Ave/Segoe Rd – Other Meetings

- Transit: BRT Refinement Meeting for Sheboygan
  - <https://www.cityofmadison.com/metro/routes-schedules/bus-rapid-transit/community-engagement>
- Development: Madison Yards Meetings
  - <https://www.cityofmadison.com/council/district19/blog/tag/hill-farms-redevelopment>
  - Street design for Sheboygan Ave at Madison Yards on Feb 17, 2022

### 2. What other City projects or private development are happening within the project boundaries or in the neighborhood? For Equity Priority Areas, what are the opportunities to work together with other departments on engagement?

- Bus Rapid Transit station construction
- Madison Yards development ongoing
- Hilldale Phase 3 upcoming development

3. For Equity Priority Areas, which of the previous plans or engagement efforts help with informing the priorities or concerns for this project?

NA

### Section Three: Engagement Outcomes

1. Were concerns raised during the engagement about the original Street Type designation? If yes, what were the concerns and what is the new recommended Street Type?

One question about Multi-Use Community Connector vs Multi-Use Neighborhood Street but no other questions/concerns raised

2. What are the top priorities or concerns expressed by residents during project engagement? (from project survey for non-EPA areas)

Sheboygan – lack of protection for bike lane highest concern, medium concern was lack of traffic calming, lack of on street parking and no bus only lanes

Segoe – priority was Option B with protected bike lane and shorter pedestrian crossings, high concern over any changes to stop lights

**3. What project elements address the top concerns raised during engagement? What concerns are not able to be addressed with this project and why?**

Sheboygan Ave

- Lack of Protection for bike lanes and lack of bus lane
  - Transit Priority Street with both median and curb transit stops and curbside loading zone needs and 80' ROW. Limited ROW requires tradeoffs including not having dedicated bus lanes or protected bike lanes.
  - To ensure on-time performance for transit the curbside bus stops and loading zones on Sheboygan Ave will block the bike lane instead of blocking the travel lane. One loading zone will be relocated to the east to ensure that the bus stops operate as needed.
- Lack of On Street Parking
  - This is a tree priority area. The parking has been removed to ensure that the current tree canopy is not impacted by creating parking by narrowing the terrace or removing trees.

Segoe Rd

- Preferred Option B
  - Staff recommending Option B on Segoe Rd with protected bike lanes and shorter pedestrian crossings. This was the preferred option in the survey and at the public meeting.
- Segoe/Regent Intersection Concerns
  - Traffic Engineering test of option for 4-way stop at Regent/Segoe (ending soon and returning to signal operation)
  - Plan to maintain signal operation

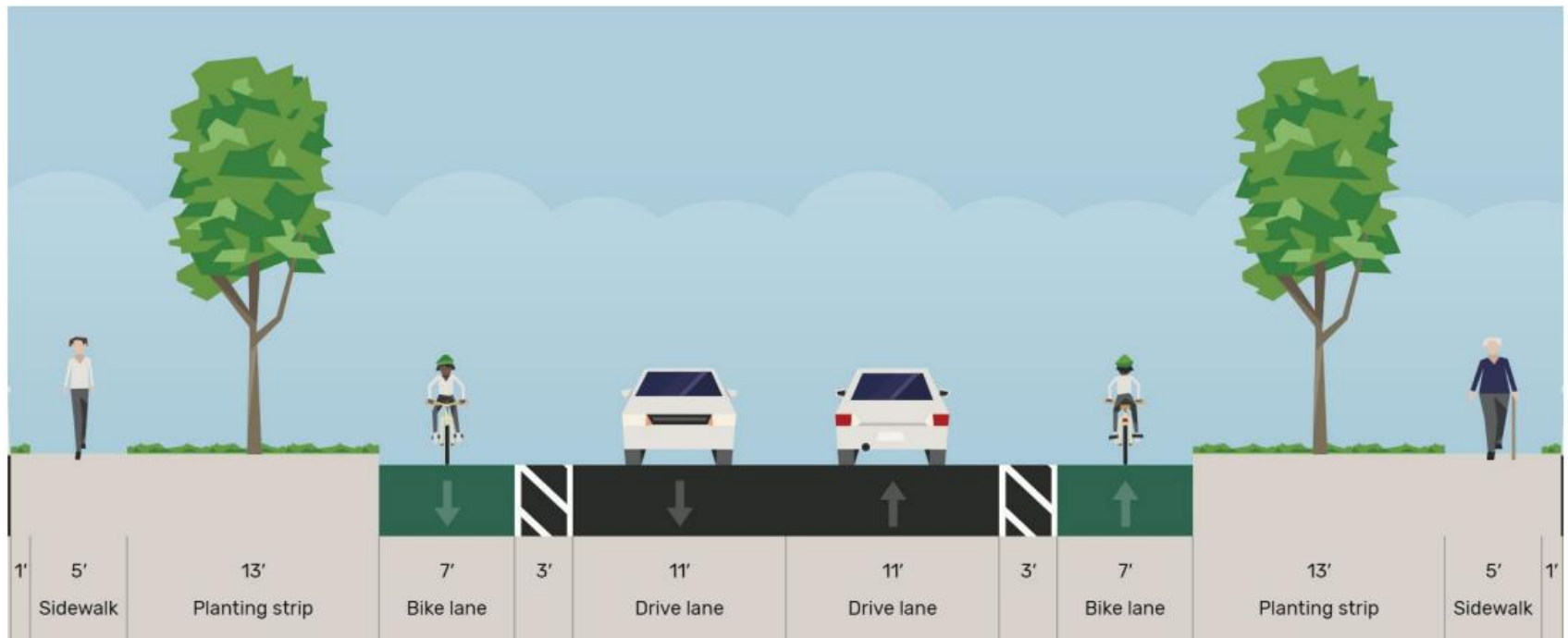
**4. What other project elements address concerns determined by reviewing data?**

- Speed limit reduction on Sheboygan Ave
- Lane narrowing
- Curb ramp accessibility improvements
- Upgrade older audible signals to APS
- Higher visibility crosswalks added and pedestrian refuge islands
- Parking slightly expanded on Segoe Rd
- Lighting added to median on Segoe Rd to increase visibility

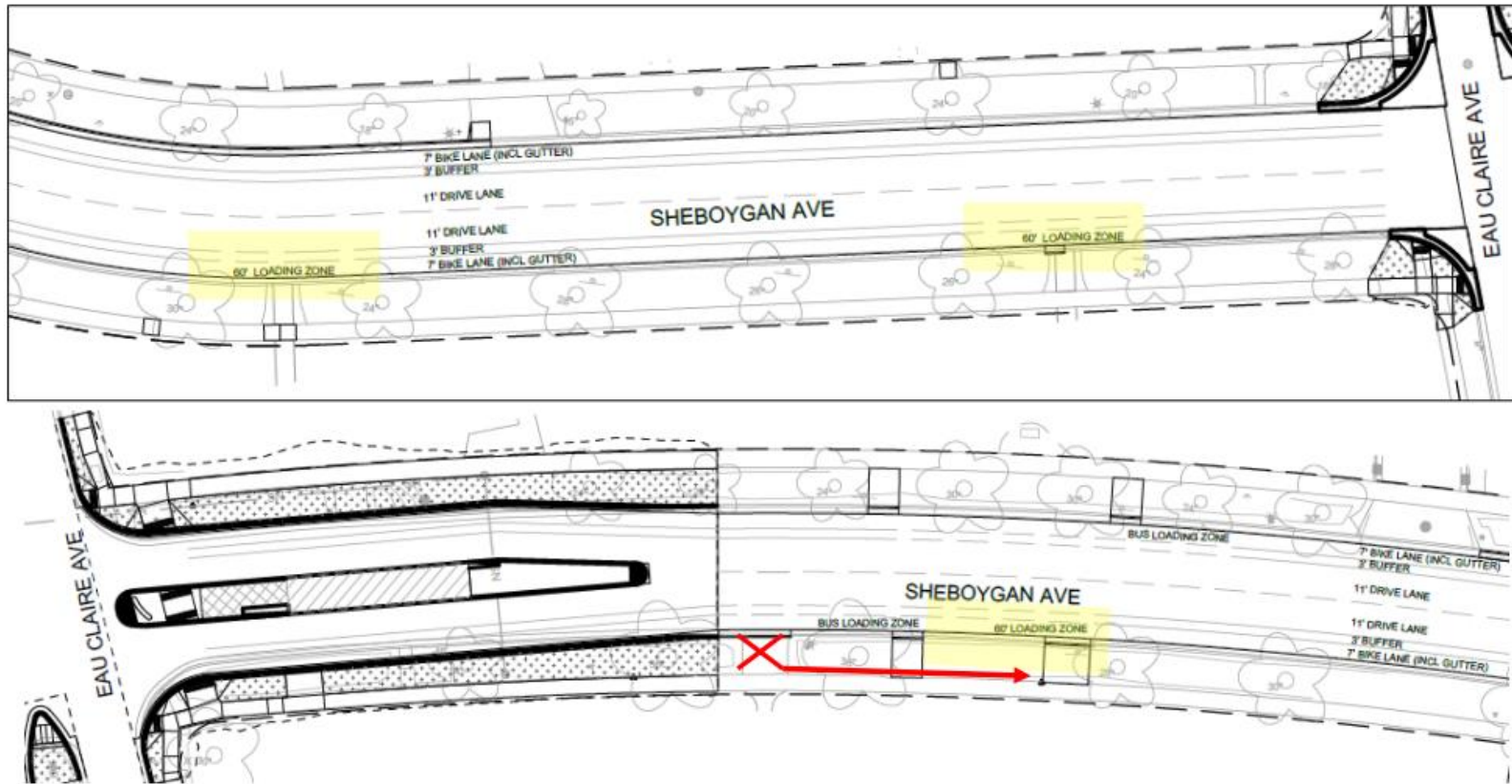
## Section Four: Design

### 1. Preliminary Design

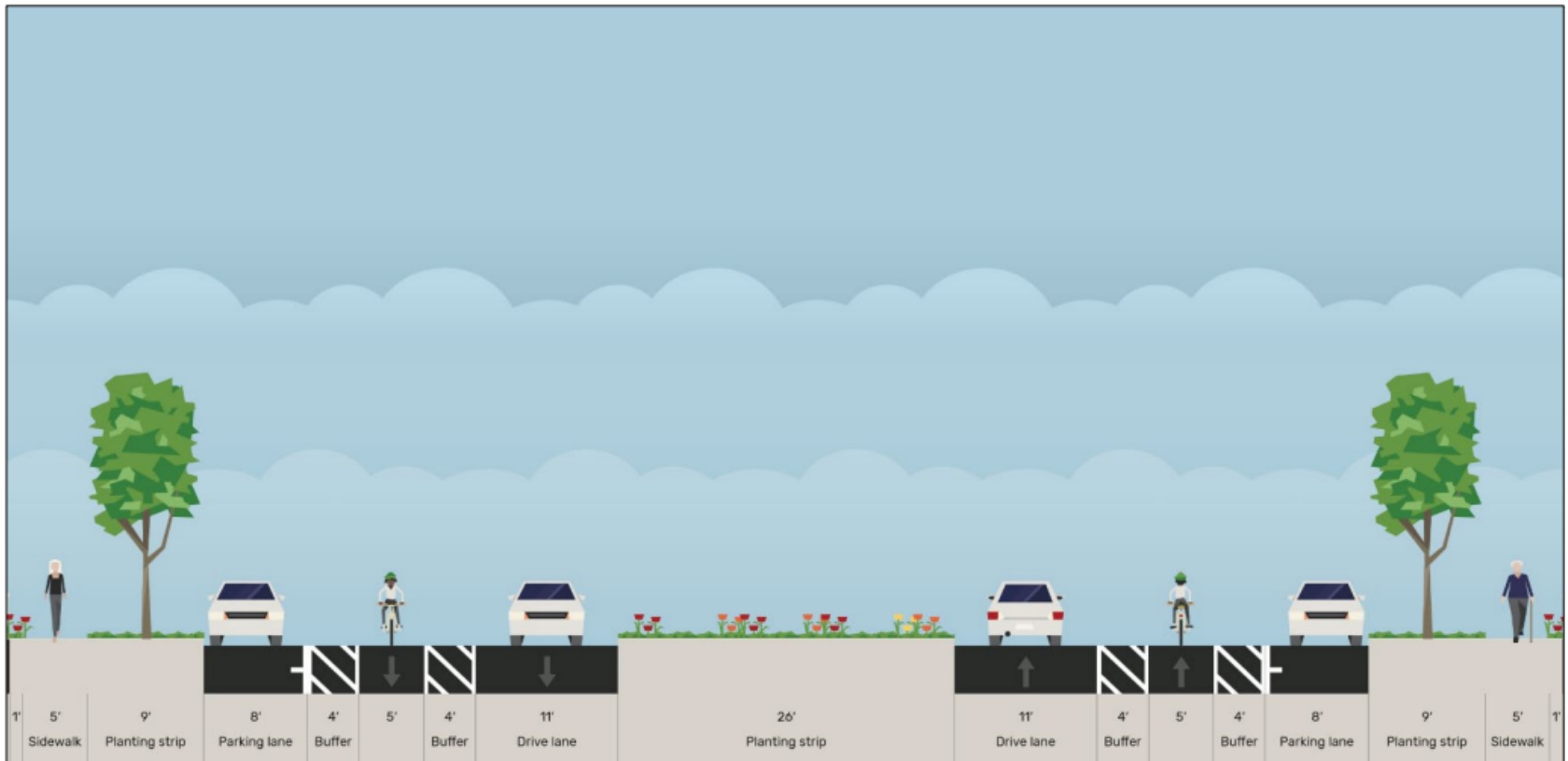
# Proposed Sheboygan Ave Redesign



# Sheboygan Ave Layout: 10 minute Loading Zones

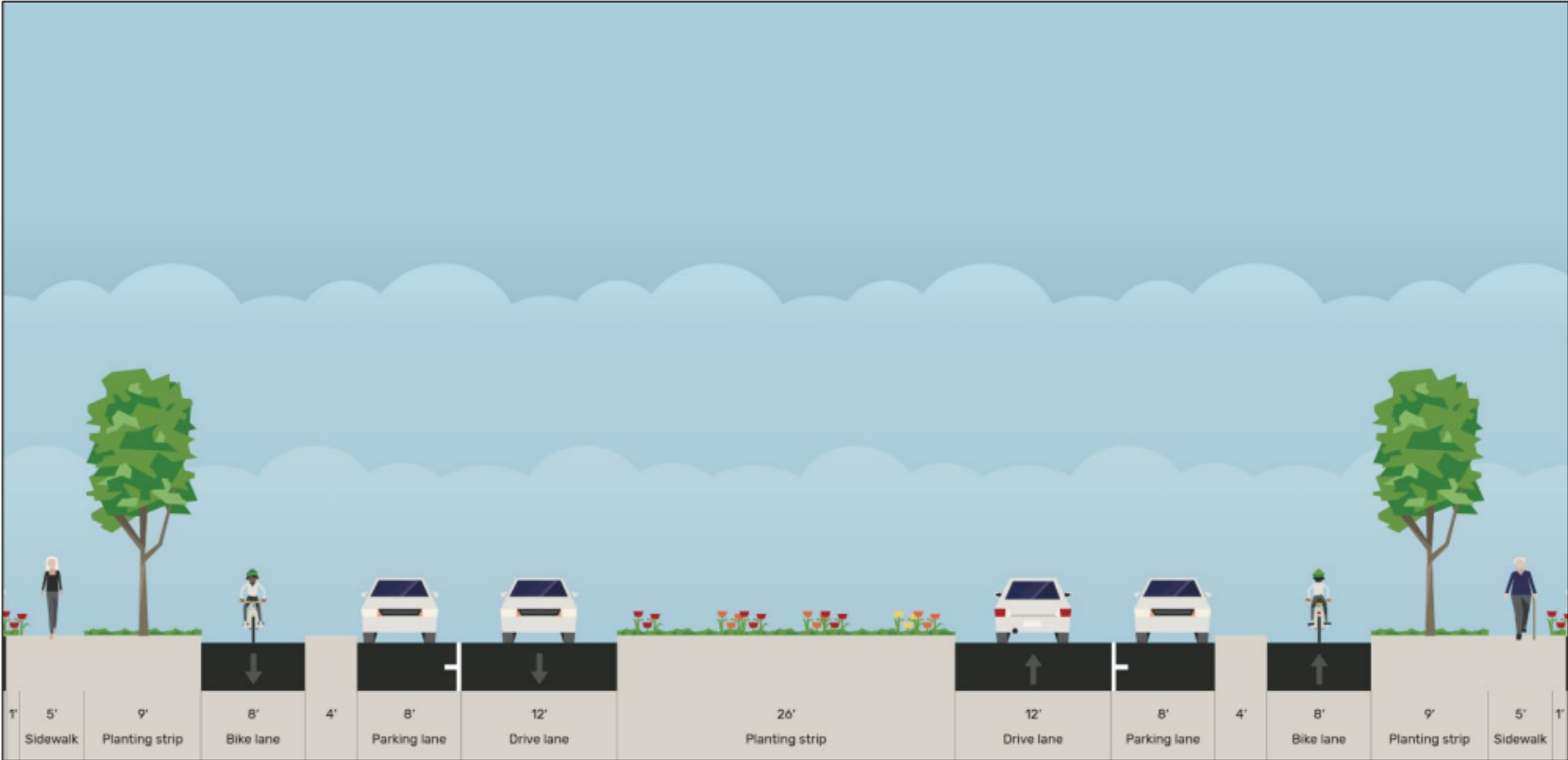


# Proposed Street Redesign – Segoe Rd Option A





# Proposed Street Redesign – Segoe Rd Option B



## 2. Final Approved Design

*Approved Cross Section – Add after approval*

## Section Five: Determining Impact & Reviewing Accountability

1. **After project approval, how will the final street design be communicated back to the neighborhood and people who provided input? For Equity Priority Areas, did the City hear any feedback on the final design, project processes or communication that should be reviewed to improve the process?**

- Alder notified
- Website update & email to those who have registered for notifications
- Assessment letter
- Pre-construction public meeting

2. **For Equity Priority Area, were there issues or concerns that were not addressed by this project? What department or staff was notified of these issues? Are there current opportunities to address these concerns?**

NA

**3. What are the final project design elements that were included to support the goals of Complete Green Streets?**

Category	Specific Change
Speed Management	<i>Add after final design</i>
Pedestrian Improvements	<i>Add after final design</i>
Bike Improvements	<i>Add after final design</i>
Transit Improvements	<i>Add after final design</i>
Lighting Improvements	<i>Add after final design</i>
Accessibility Improvements	<i>Add after final design</i>
Tree Canopy	<i>Add after final design</i>
DGI Elements	<i>Add after final design</i>
Public Space/Furnishings and Placemaking	<i>Add after final design</i>
Other (please specify)	<i>Add after final design</i>

**4. Other Project Review Comments**

<i>Add after construction complete</i>
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