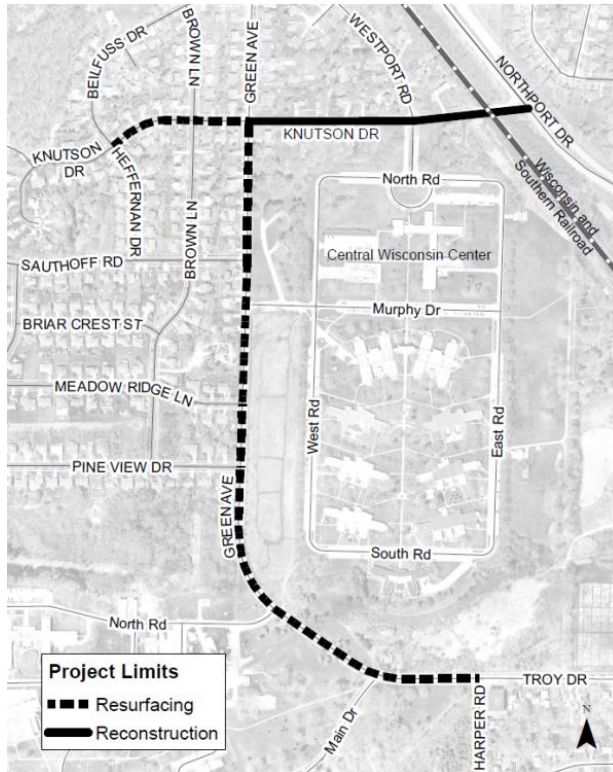


# Complete Green Streets Project Checklist

## Project Name and Limits

- Knutson Dr (Green Ave to Northport Dr) – Reconstruct
- Knutson Dr (Green Ave to Heffernan) - Resurfacing
- Green Ave (Knutson Dr to Harper Rd) - Resurfacing

## Project Map



**Project Improvement Type**

Reconstruction & Resurfacing

**Alder District**

District 18

**Project Schedule**

2024 Construction

**Project Website**

<https://www.cityofmadison.com/engineering/projects/knutson-drive-reconstruction>

**Project Team**

Andy Zwiag, P.E., Engineering

Nashaly Gutierrez Vazquez, Engineering

Todd Chojnowski, Engineering - Sewer

Ali Heinritz, Traffic Engineering

Renee Callaway, Traffic Engineering

Brad Hoffman, Streets - Forestry

## Section One: Data Gathering

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

Neighborhood Street

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

Knutson Dr (Green Ave to Northport Dr) - 66'

Green Ave - 66'

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

Equity Priority Area

Transit Priority Network (Knutson Dr & Green Ave)

All Ages Ability Bike Network

Tree Canopy Priority Area

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, within 1/4 mile of project

Library or Community Center: No

Senior Living Apartments/Facility: No

Hospital: No

Business District or similar shopping area: No

Event Venue: No

Fire Station: No

Other: Yes, on the street – Central Wisconsin Center

## 5. Review of Current Conditions

Knutson Dr – rural cross section east of Green Ave, west of Green Ave is two travel lanes and sidewalk on both sides



Knutson at Green



Knutson looking east toward Green



Knutson west of Green Ave

Green Ave – two travel lanes with a centerline, sidewalk on west side



Green Ave near Central Wisconsin Center

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>• Knutson <ul style="list-style-type: none"> <li>○ Bike in Knutson; driver on Knutson didn't yield</li> <li>○ Aggressive driver tried to pass someone at Northport intersection</li> </ul> </li> </ul> <p>High Injury Network</p> <ul style="list-style-type: none"> <li>• Not on the High Injury Network</li> </ul>
<p>Current posted speed limit Other Speed Data</p>	<p>Current Posted Speed Limit:</p> <ul style="list-style-type: none"> <li>• Knutson Dr – 25 mph</li> <li>• Green Ave – 25mph</li> </ul> <p>Speed Study Data:</p> <p>Knutson Dr (East of Westport) 2023</p> <ul style="list-style-type: none"> <li>• Westbound average speed – 26.4 mph</li> <li>• Westbound 30+ mph – 15.3%</li> <li>• Eastbound average speed – 25.3 mph</li> <li>• Westbound 30+ mph – 9.7%</li> </ul> <p>Knutson Dr (West of Westport) 2023</p> <ul style="list-style-type: none"> <li>• Westbound average speed – 22.8 mph</li> <li>• Westbound 30+ mph – 3%</li> <li>• Eastbound average speed – 23.7 mph</li> <li>• Westbound 30+ mph – 10.6%</li> </ul> <p>Green Ave</p> <ul style="list-style-type: none"> <li>• No Data</li> </ul>
<p>Traffic Volumes</p>	<p>Motor Vehicle</p> <p>Knutson Dr (East of Westport) 2023</p> <ul style="list-style-type: none"> <li>• 2,867</li> </ul> <p>Knutson Dr (West of Westport) 2023</p> <ul style="list-style-type: none"> <li>• 1,074</li> </ul> <p>Green Ave</p>

	<ul style="list-style-type: none"> <li>• No data</li> </ul> Pedestrian & Bike <ul style="list-style-type: none"> <li>• No data</li> </ul>
Sidewalks & Paths	Knutson Dr (East of Green) <ul style="list-style-type: none"> <li>• No sidewalk or path</li> </ul> Knutson Dr (West of Green) <ul style="list-style-type: none"> <li>• Sidewalk on both sides</li> </ul> Green Ave <ul style="list-style-type: none"> <li>• Sidewalk on west side</li> </ul>
Bicycle infrastructure	Knutson Dr <ul style="list-style-type: none"> <li>• LOS 2 except at Northport intersection (LOS 4)</li> </ul> Green Ave <ul style="list-style-type: none"> <li>• LOS 2</li> </ul>
Signalized intersection(s)	<ul style="list-style-type: none"> <li>• None currently</li> </ul>
Pavement rating	Knutson Dr (Heffernan Dr – Green Ave) <ul style="list-style-type: none"> <li>• 7/10</li> </ul> Green Ave <ul style="list-style-type: none"> <li>• Varies: 3-8/10</li> </ul>
Curb and gutter rating	Knutson Dr (Green Ave – Northport Dr) <ul style="list-style-type: none"> <li>• No curb and gutter</li> </ul> Knutson Dr (Heffernan Dr – Green Ave) <ul style="list-style-type: none"> <li>• 7/10</li> </ul> Green Ave <ul style="list-style-type: none"> <li>• 7-8/10</li> </ul>
Stormwater Study Information	Treating stormwater is required by WDNR for rural to urban street changes. Warner Park & Cherokee Marsh Watershed Study in planning phase. <a href="https://www.cityofmadison.com/engineering/projects/warner-park-and-chokeee-marsh-watershed-study">https://www.cityofmadison.com/engineering/projects/warner-park-and-chokeee-marsh-watershed-study</a>
Tree canopy	Tree equity score: 98 46% canopy cover
Transit Service	Routes B uses both Knutson Dr and Green Ave Future N/S BRT corridor

School Zone	No
Snow emergency zone	No
Clean Streets Clean Lakes area	No
Parking Information	<p>Knutson Dr (Green Ave to Northport Dr)</p> <ul style="list-style-type: none"> <li>• No parking restrictions</li> <li>• July 2023 Parking Count <ul style="list-style-type: none"> <li>○ Weekday 9am – 3pm: 0 vehicles parked</li> <li>○ Weekday After 6pm: 0 vehicles parked</li> <li>○ Weekend: 0 vehicles parked</li> </ul> </li> </ul> <p>No other parking data collected</p>
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>• Not a 1% for the Arts requirement on this project</li> </ul>
Underground utilities presence & condition	Replacing outdated utilities – sanitary and water
DGI Information	Reachshed 64, Salt Route



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

- No recent area or neighborhood plans for this area

## **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.

Knutson Dr & Green Ave Project

- Mailing to residents
- Two online surveys (paper survey upon request)
- Virtual public meeting on September 28 (recorded & linked on website)
- Virtual public meeting on November 29 (recorded & linked on website)
- Website - <https://www.cityofmadison.com/engineering/projects/knutson-drive-reconstruction>

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?

North/South BRT Planning

- Transit: North/South BRT meetings and survey
- Website: <https://www.cityofmadison.com/metro/routes-schedules/bus-rapid-transit/north-south-brt-line>

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?**

No concerns regarding Neighborhood Street designation.

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

Top High Concern Issues from Survey

- Speeding
- Access to safe walking routes for people of all ages and abilities
- Access to safe biking routes for people of all ages and abilities
- Vehicles passing too close to people biking or walking in the streets
- Adequate street lighting for walking, biking, or driving at night

Concerns from Public Meeting

- Speeding, unsafe driving behaviors
- Some residents on Knutson Dr expressed concerns over adding sidewalks
- Need for better north side bike facilities

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

- Access to safe walking facilities for people of all ages and abilities
  - Adding sidewalks where none exist on Knutson
  - Improving crosswalk markings
  - Improve transit stops
- Access to safe biking facilities for people of all ages and abilities
  - Option 1B adds bike lane on Knutson Dr (Westport to Northport)
  - Looking at future projects to add more protected facilities
- Speeding
  - Reduce speed & add 20 mph signage
  - Add curb/gutter/narrow street
  - Add curb bumpouts at Knutson/Westport

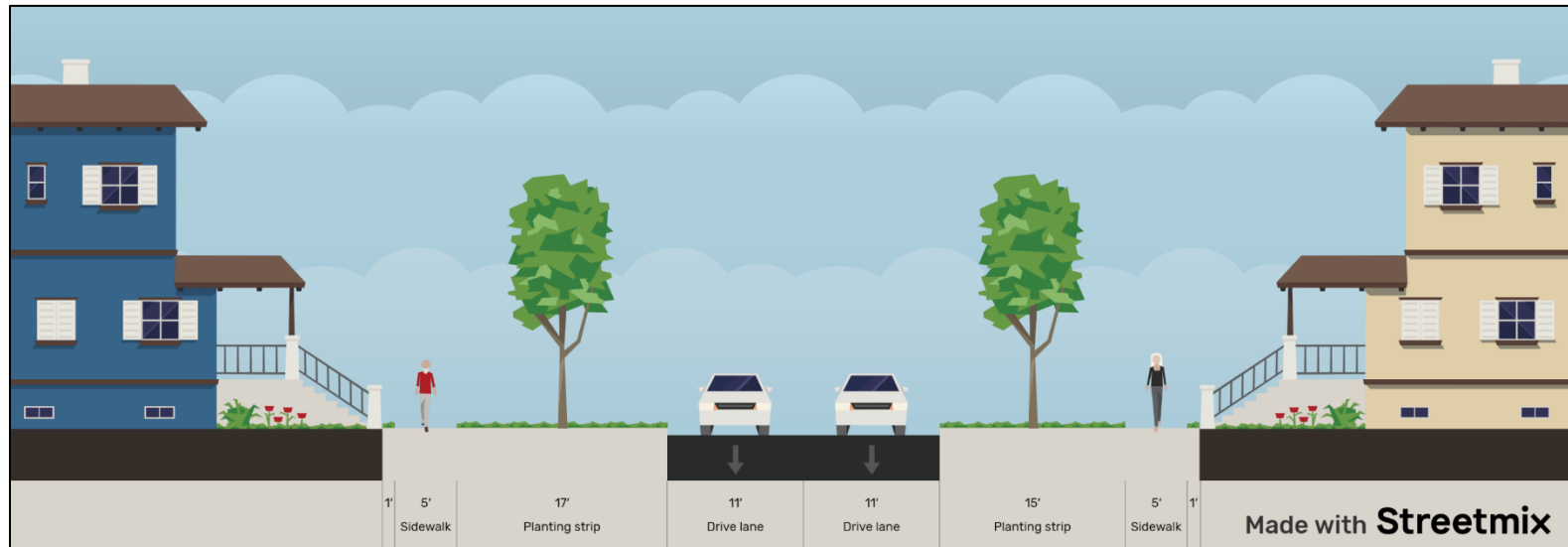
**4. What other project elements address concerns determined by reviewing data?**

- Option with parking pockets as some residents expressed concern about loss of all parking (removed one section after feedback at public meeting)

## Section Four: Design

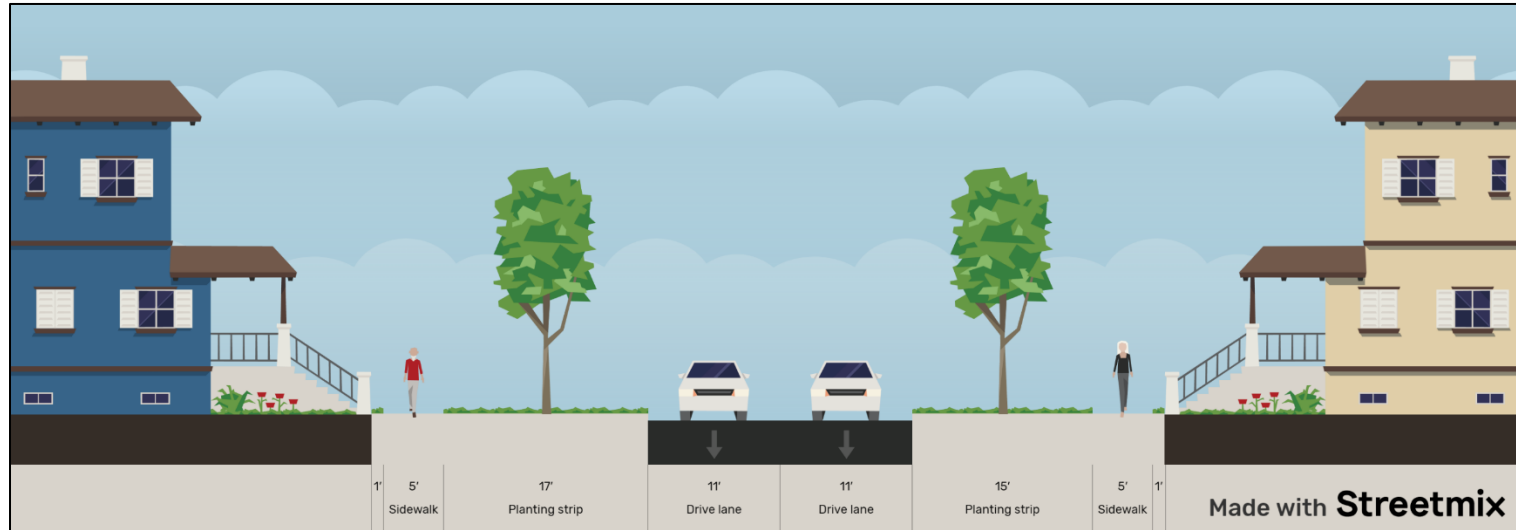
### 1. Preliminary Design

Knutson (Green Ave to Norhtport Dr) Option 1A – Two 11' lanes to accommodate future BRT route and current transit route. Add curb and gutter and 5' sidewalks on both sides of street. Add two parking pockets to accommodate some parking.

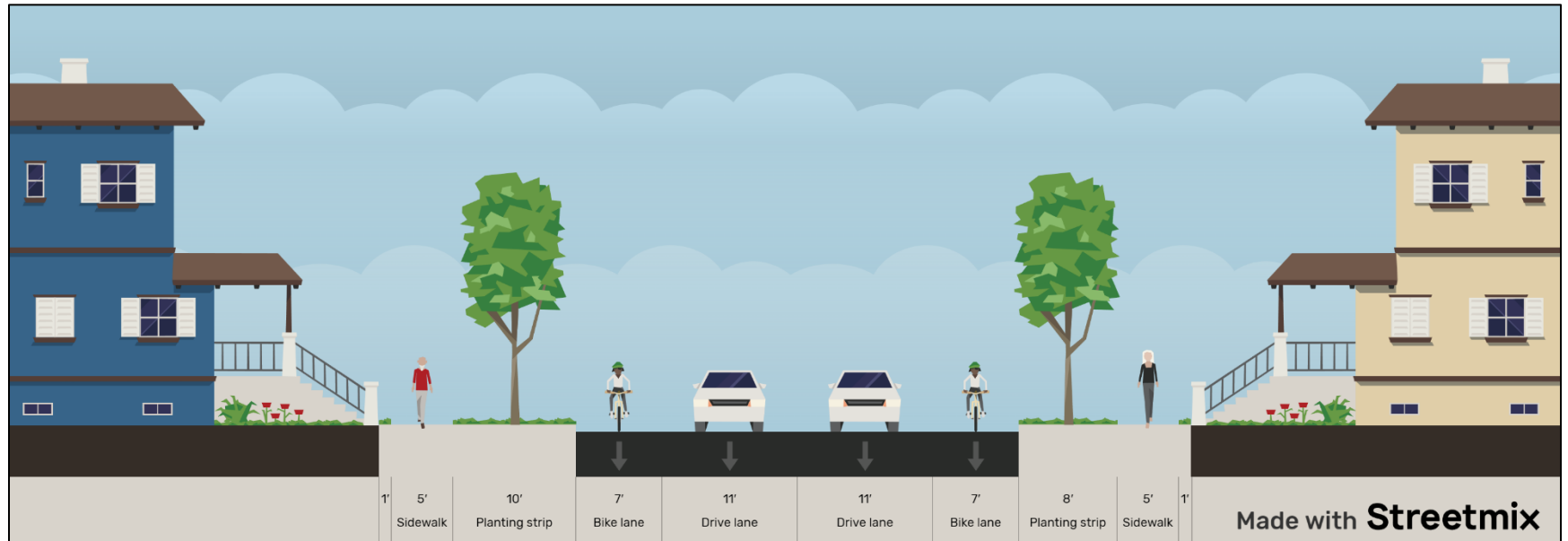


Knutson (Green Ave to Norhtport Dr) Option 1B – Two 11' lanes to accommodate future BRT route and current transit route. Add curb and gutter and 5' sidewalks on both sides of street.

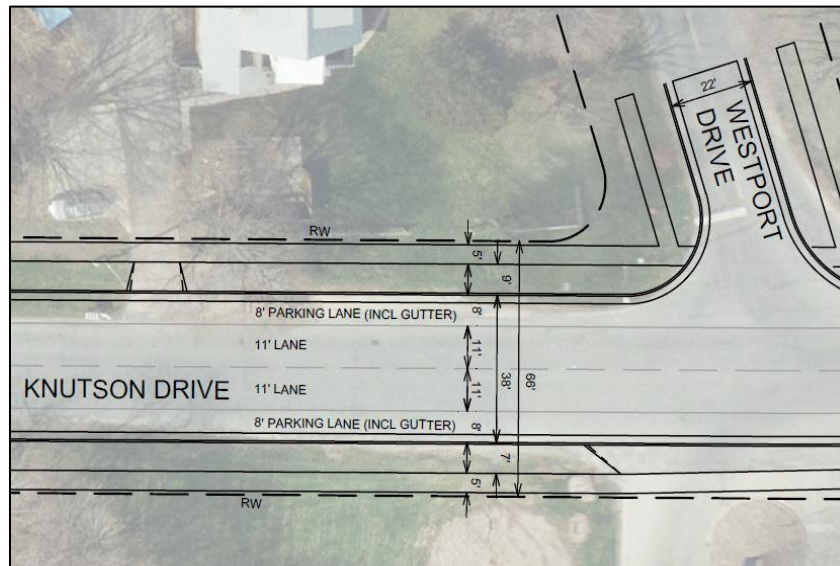
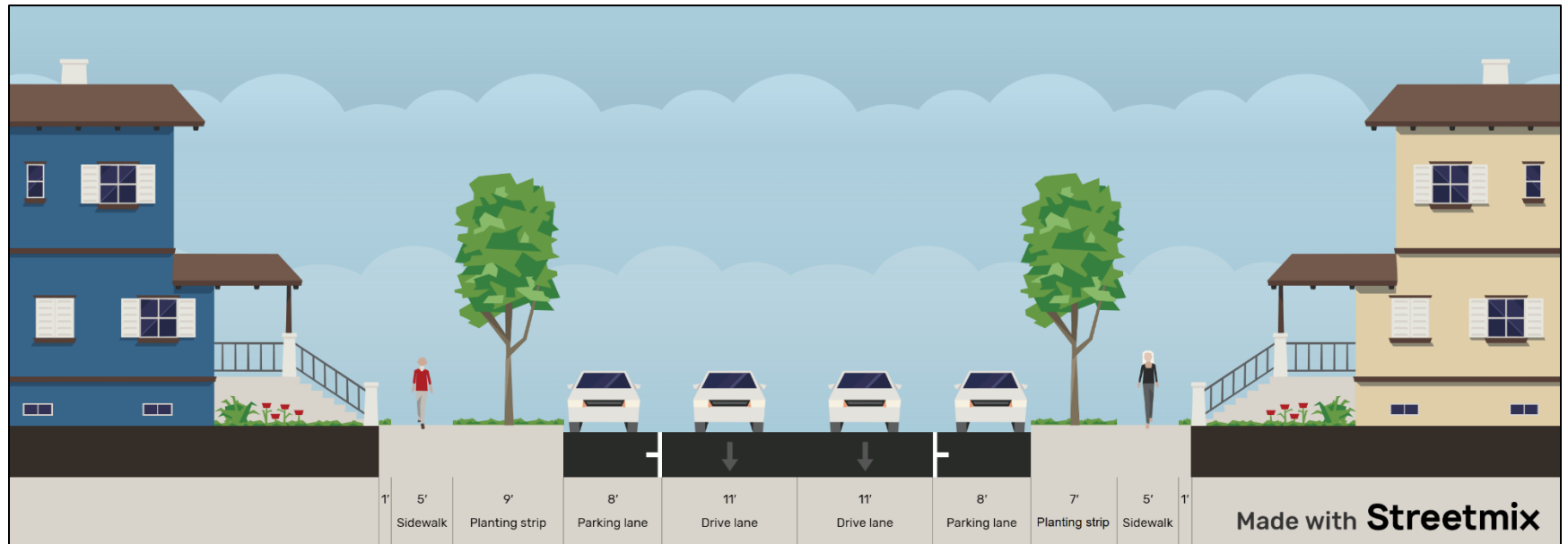
Green Ave to Westport – includes one parking pocket



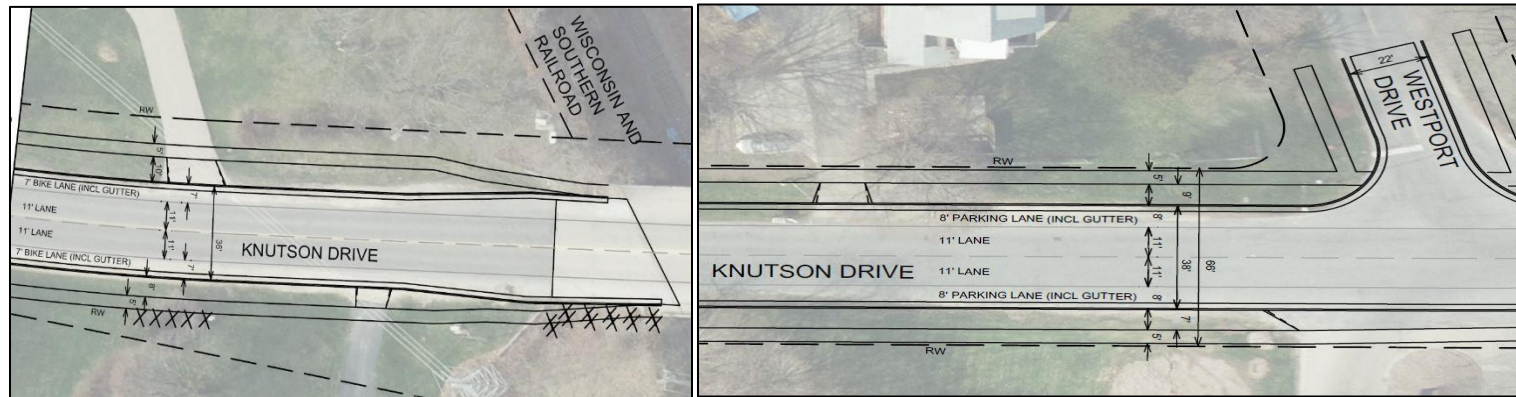
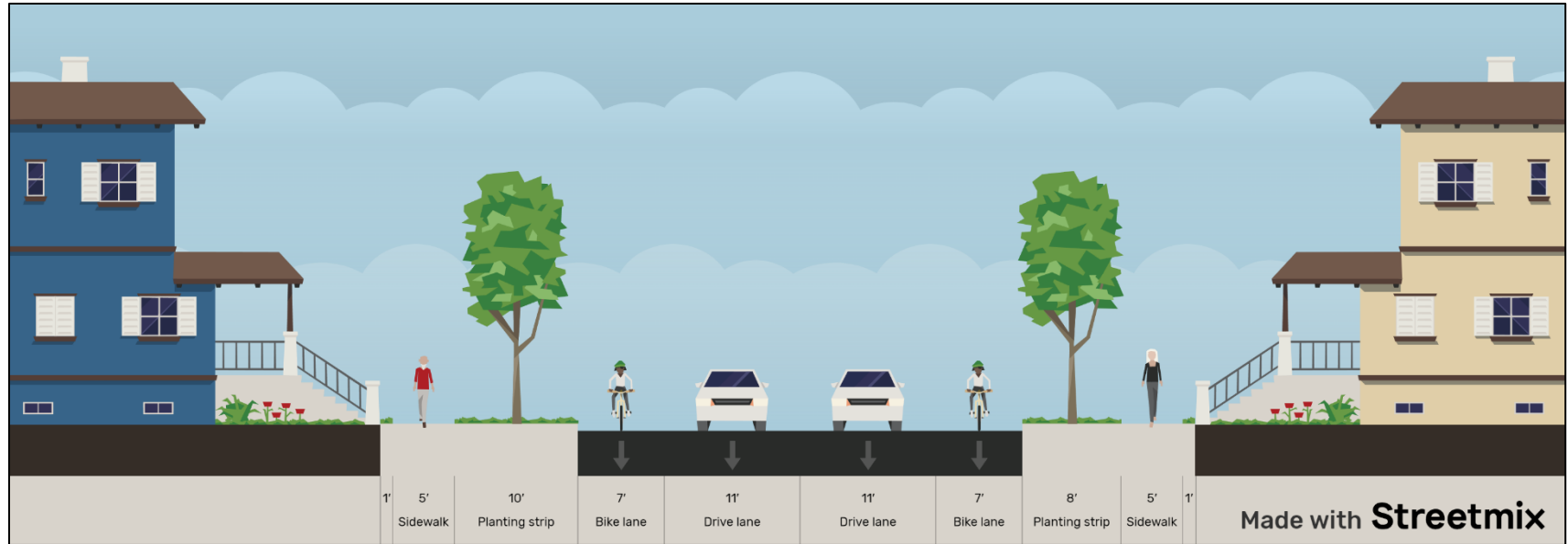
Westport to Northport – includes bike lane and no parking



Knutson Dr (Green Ave to Norhtport Dr) Option 2A - Two 11' lanes to accommodate future BRT route and current transit route. Add curb and gutter and 5' sidewalks on both sides of street. Add parkin glane on each side of the street.



Knutson Dr (Green Ave to Norhtport Dr) Option 2B - Two 11' lanes to accommodate future BRT route and current transit route. Add curb and gutter and 5' sidewalks on both sides of street. Add parking lane from Green Ave to Westport Dr and bike lanes from Westport to Northport Dr.



The remainder of Knutson Dr and Green Ave will be resurfaced with no changes to street design.

## 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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