



Milwaukee Street Construction Project 2027

Transportation Commission
City of Madison Engineering Division
August 12, 2026



Presentation Overview

- **Project Location**
- Project Scope
- Complete Green Streets
- Previous Design Options
- Proposed Design

Project Location



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Project Scope

- Milwaukee Street (Starkweather Creek to Walter Street)
 - Partial replacement of sanitary sewer main and laterals
 - Replacement of existing water main
 - Replacement of storm sewer as needed
 - Replace all existing pavement and pavement base
 - Replacement of curb and gutter, driveway aprons, and spot replacement of sidewalk as needed.



Project Scope

- Milwaukee Street (Walter Street to W Corporate Drive)
 - Replacement of sanitary sewer main and laterals, and water main
 - Replacement of storm sewer as needed
 - Replace all existing pavement and pavement base
 - Partial replacement of curb and gutter, driveway aprons, and sidewalk as needed
 - Installation of new shared use path on the north side of Milwaukee St



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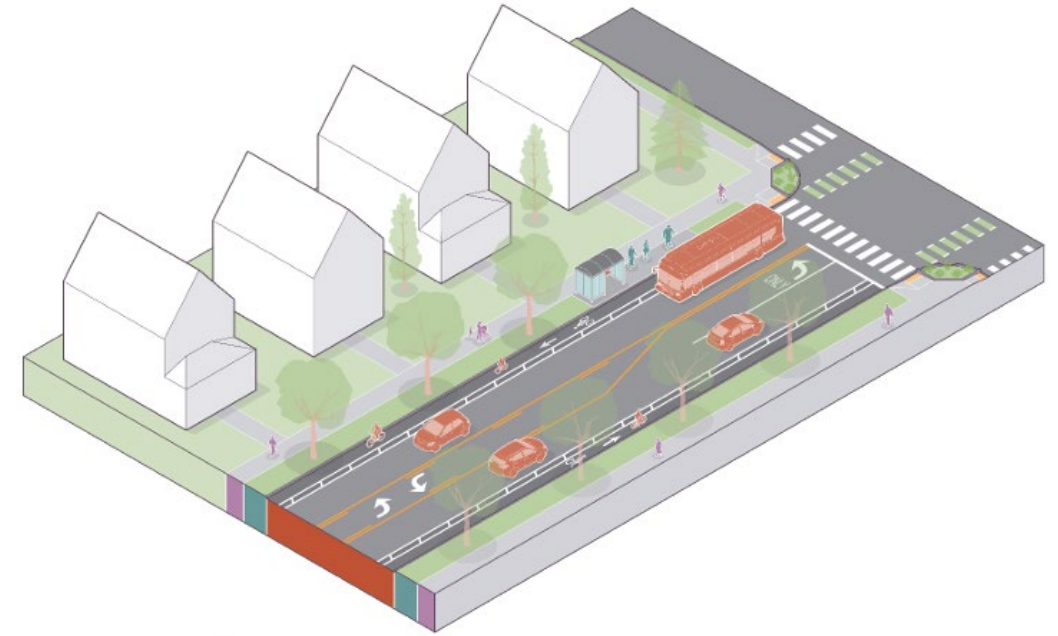
COMPLETE GREEN STREETS – STREET TYPE

Existing Milwaukee St – Community Collector Street

Context: Neighborhoods, ranging from more walkable with short blocks and many driveways to more car-oriented. Includes some commercial and light industrial

Description: Streets that provide access and convey moderate numbers of people via multiple modes. Often includes transit

Target Speed: 25 mph or less



Zone Priorities and Preferred Elements for Each Zone

Walk Zone High Priority	Flex Zone Low Priority	Travelway Zone Medium Priority	Additional Considerations
Standard or wider sidewalks with buildings offset from the sidewalk by landscaping (or parking in some already-developed areas). Sidepath (optional) minimum 8', 12' pref.	Landscaped terrace with street trees. On-street parking may be provided in some locations.	1 travel lane per direction, often with medians or center turn lane; on-street bike facilities	Garbage cart storage space, raised crossings, speed management.



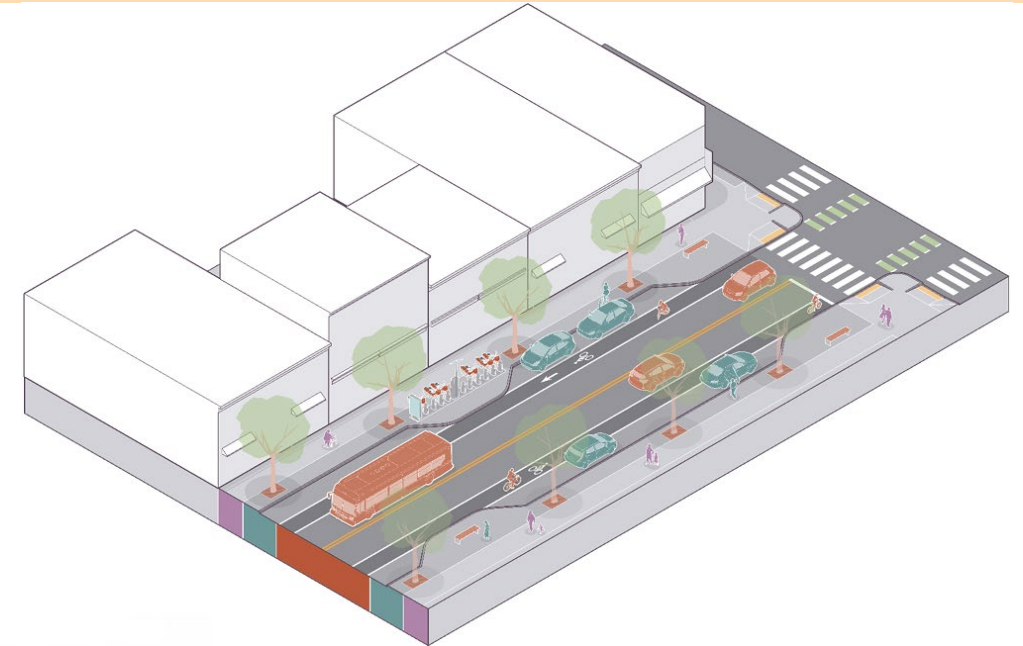
COMPLETE GREEN STREETS – STREET TYPE

Proposed Milwaukee St – Community Main Street

Context: Small/medium scale mixed use, many facades/entries for retail/dining/etc.

Description: Destination/shopping street with a strong sense of place. May also carry a fairly large number of people by a variety of travel modes. Typically has larger volumes of pedestrians.

Target Speed: 25 mph or less



Zone Priorities and Preferred Elements for Each Zone

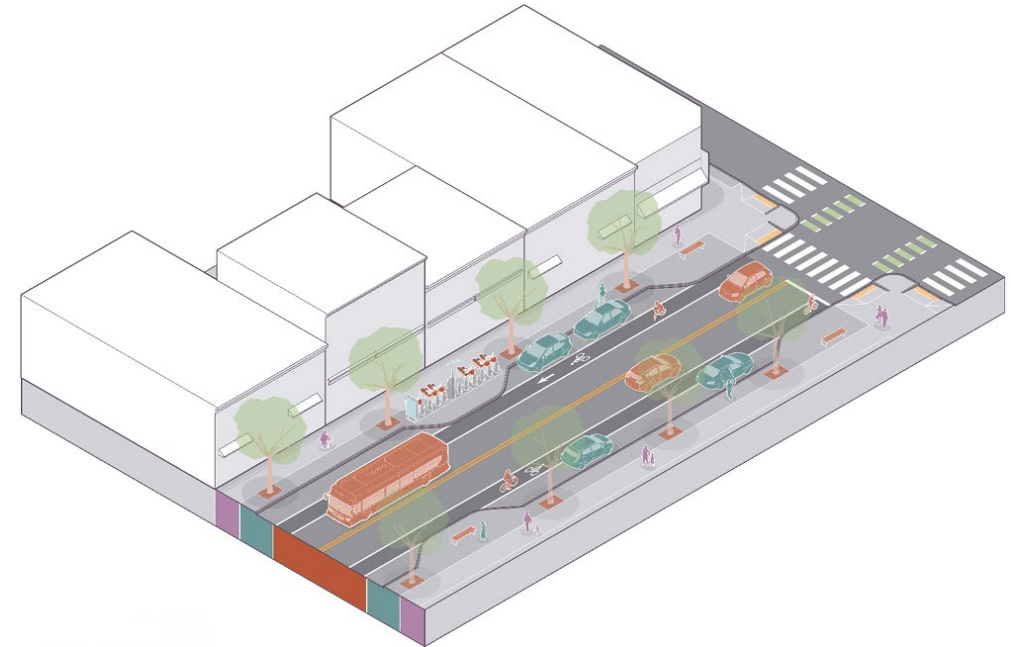
Walk Zone Medium Priority	Flex Zone High Priority	Travelway Zone	Additional Considerations
Wide sidewalks with buildings close to or touching the sidewalk.	Hardscaped or landscaped terrace with street trees, bike racks, enhanced transit stops, and sidewalk cafés. Higher demand for on-street parking more frequent turnover, pedestrian-scale streetscapes and amenities that encourage people to walk. Parking may be a higher priority. Loading zones, if needed, should be provided around the corner on intersecting minor streets.	1 travel lane per direction. Left turn lanes are common at controlled intersections. Bike lanes should be included and may require consideration of parking options on side streets or in structured parking.	Vending locations and micromobility opportunities. Crosswalk enhancements including raised crossings/intersections. Peak hour traffic volumes and need for peak hour travel lane. Snow storage. Accessible parking.

COMPLETE GREEN STREETS – STREET TYPE

Proposed Milwaukee St – Community Main Street

Street Reconstruction

- **Milwaukee St**
 - Street type: Community Main Street (*Complete Green Streets Guide, pp. 44-45, March 2025*)
 - Street Type Space Requirements Table (*Complete Green Streets Guide, pp. 58, March 2025*)
 - Total Walk Zone (per side): 6ft minimum / 9ft preferred
 - Total Flex Zone (per side): 9ft minimum / 18ft preferred
 - Total Travelway Zone (edge of pavement to edge of pavement): 36ft minimum / 36ft typical



Volume Data

Milwaukee Street Volume Data							Estimated Trips from Starkweather Development					
	Fair Oaks - Leon				Walter - Schenk							
	Tue, Nov 12, 2024				Tue, Nov 12, 2024							
	W	E	Road		W	E	Road					
00:00	34	46	80		35	45	80					
01:00	33	36	69		35	37	72					
02:00	20	17	37		17	18	35					
03:00	13	12	25		13	13	26					
04:00	37	21	58		34	26	60					
05:00	75	51	126		58	61	119					
06:00	184	107	291		149	115	264					
07:00	446	288	734		339	274	613					
08:00	624	403	1,027		532	394	926					
09:00	446	348	794		374	349	723					
10:00	452	358	810		413	369	782					
11:00	396	406	802		396	425	821					
12:00	513	429	942		465	450	915					
13:00	439	435	874		408	416	824					
14:00	444	429	873		422	436	858					
15:00	528	554	1,082		473	547	1,020					
16:00	585	653	1,238		498	614	1,112					
17:00	605	672	1,277		519	628	1,147					
18:00	453	453	906		417	421	838					
19:00	271	317	588		257	290	547					
20:00	204	247	451		181	236	417					
21:00	175	192	367		175	173	348					
22:00	132	115	247		124	113	237					
23:00	83	85	168		82	81	163					
Total	7,192	6,674	13,866		6,416	6,531	12,947					
AM Peak Vol	671	406	1,053		545	425	928					
AM Peak Fct	.917	.914	.902		.885	.916	.892					
AM Peak Hr	7:45	11:00	7:45		7:45	11:00	7:45					
PM Peak Fct	.896	.925	.972		.861	.928	.976					
PM Peak Hr	16:30	16:45	16:30		16:30	16:30	16:30					
Seasonal Fct	1.000	1.000	1.000		1.000	1.000	1.000					
Daily Fct	1.000	1.000	1.000		1.000	1.000	1.000					
Axle Fct	.500	.500	.500		.500	.500	.500					
Pulse Fct	2.000	2.000	2.000		2.000	2.000	2.000					

Units	ITE Land Use Code	ITE Land Use	Rate	Estimated Trips
1100	221	Multi-family Housing (Mid-Rise)	4.54	4994
10	822	Stip Retail Plaza (<40k)	54.45	544.5
			Total	5538.5

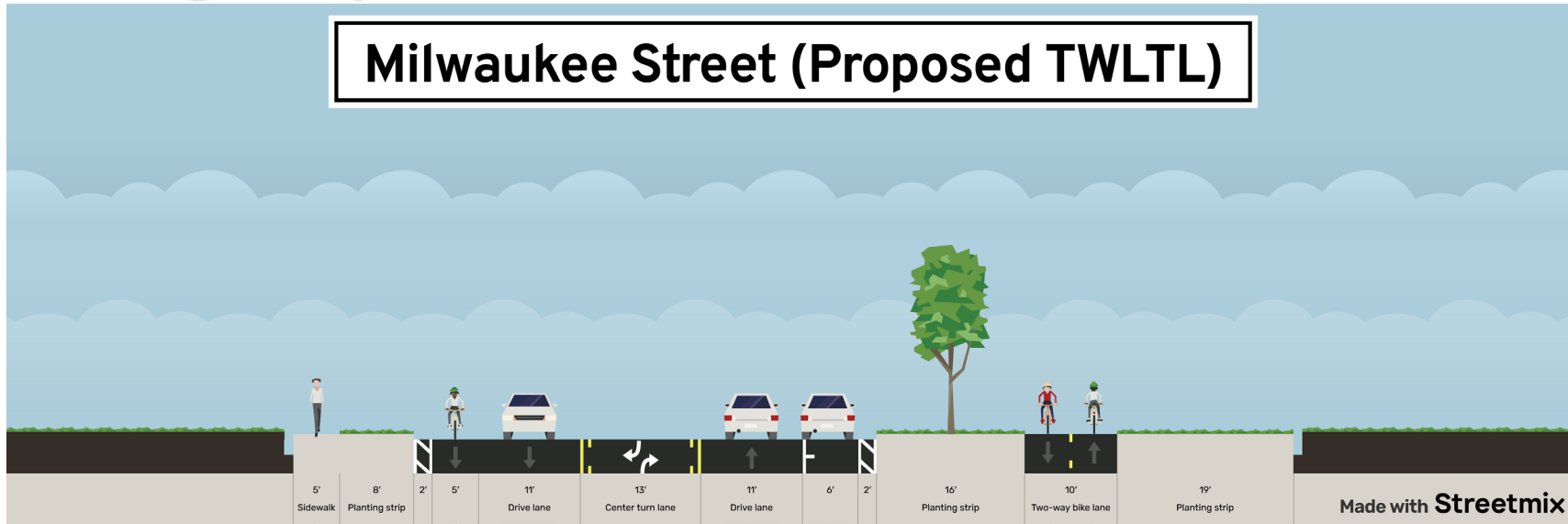


Presentation Overview

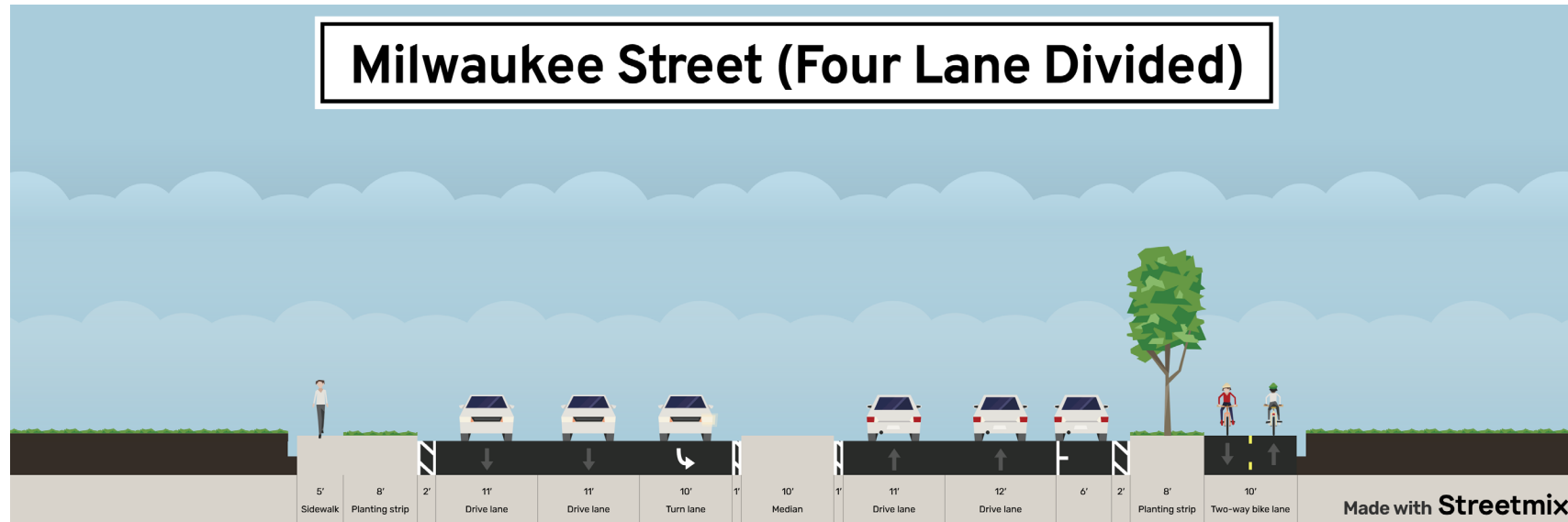
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Previous Design Options

Milwaukee Street (Proposed TWLTL)



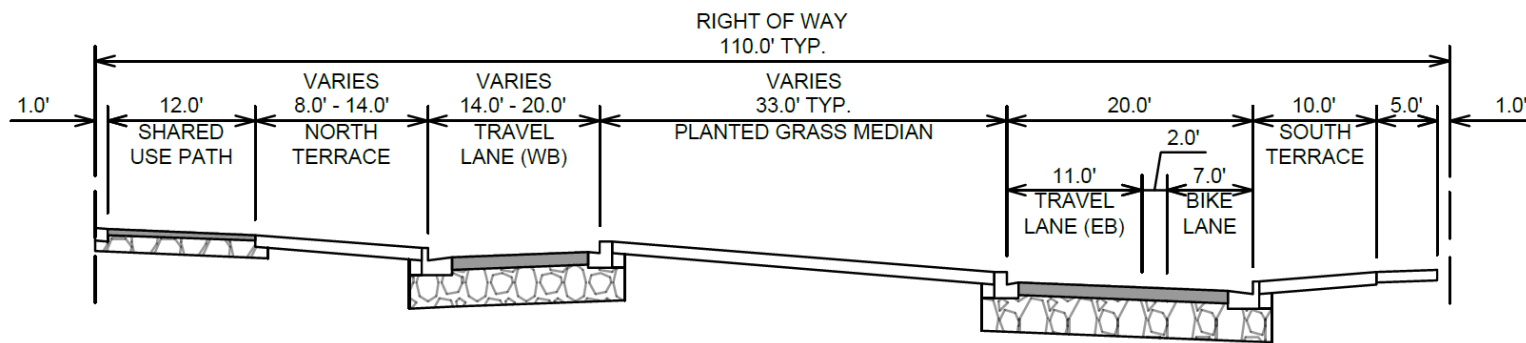
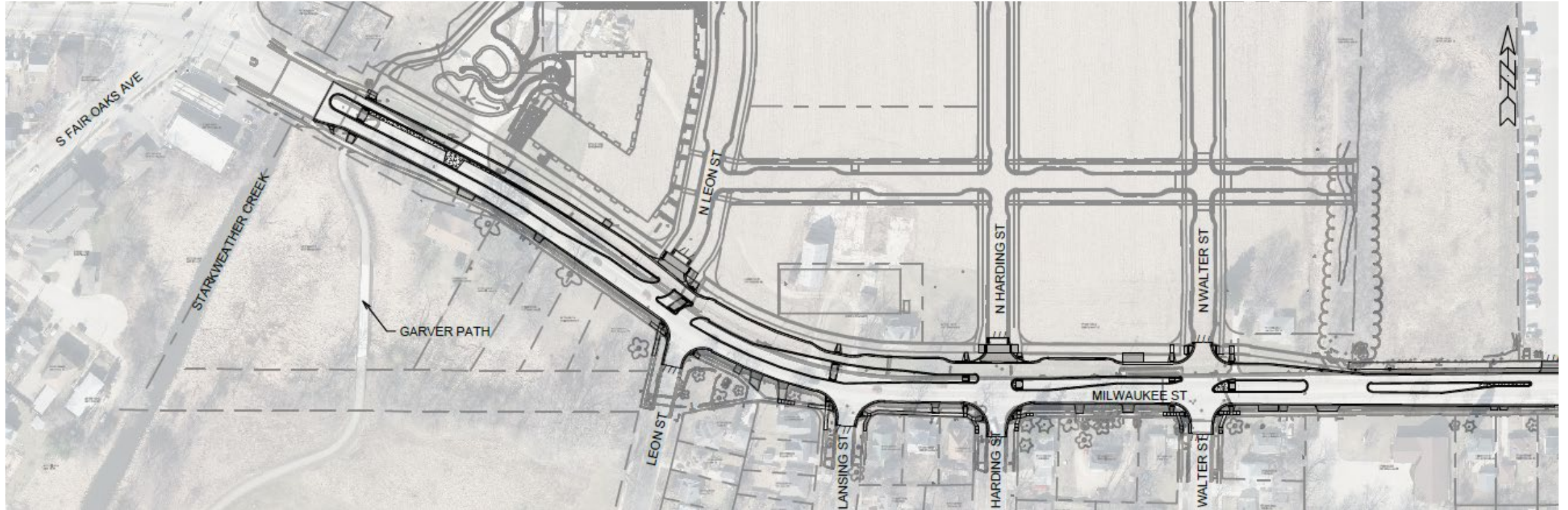
Milwaukee Street (Four Lane Divided)



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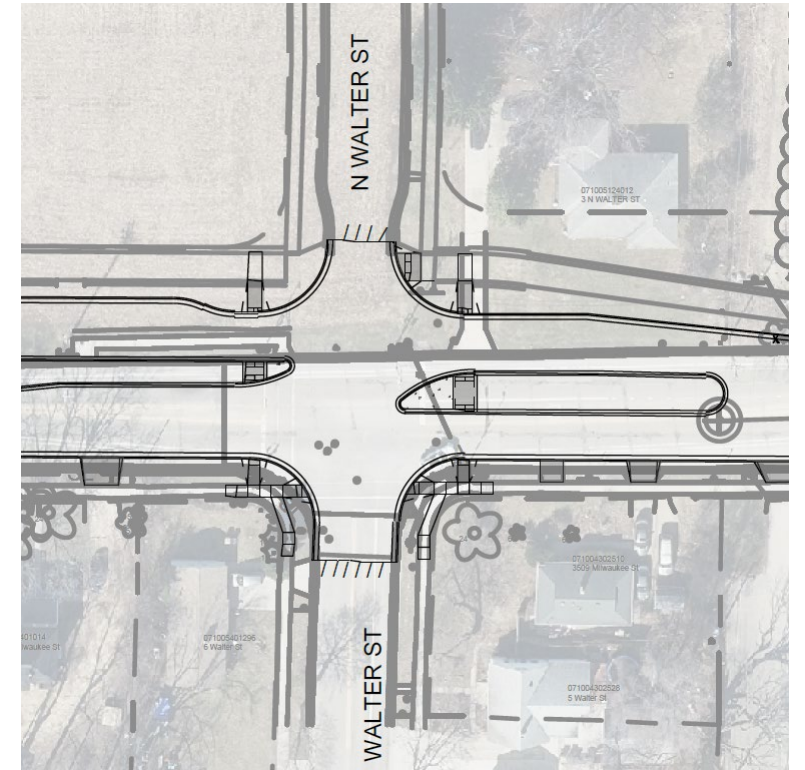
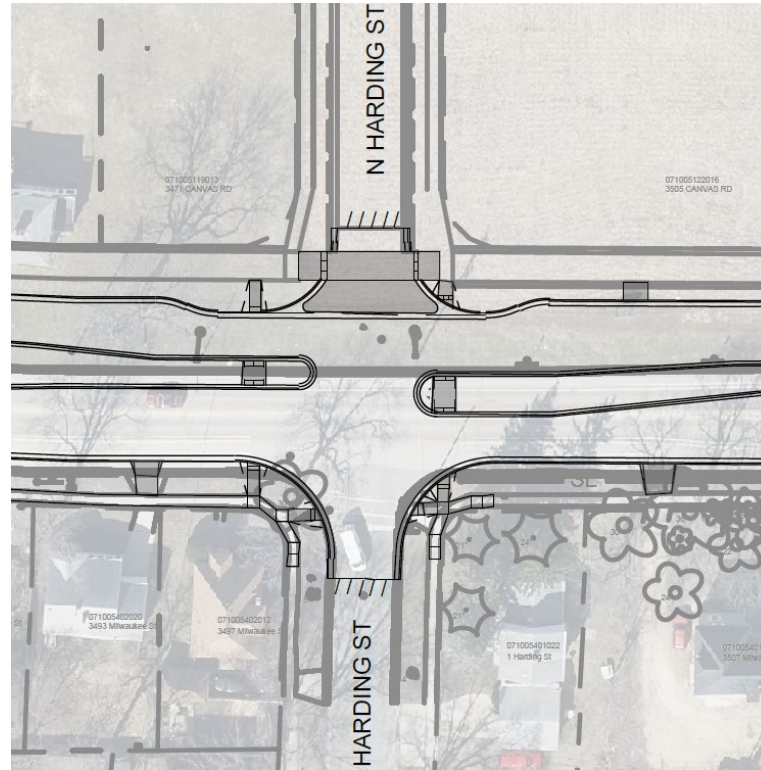
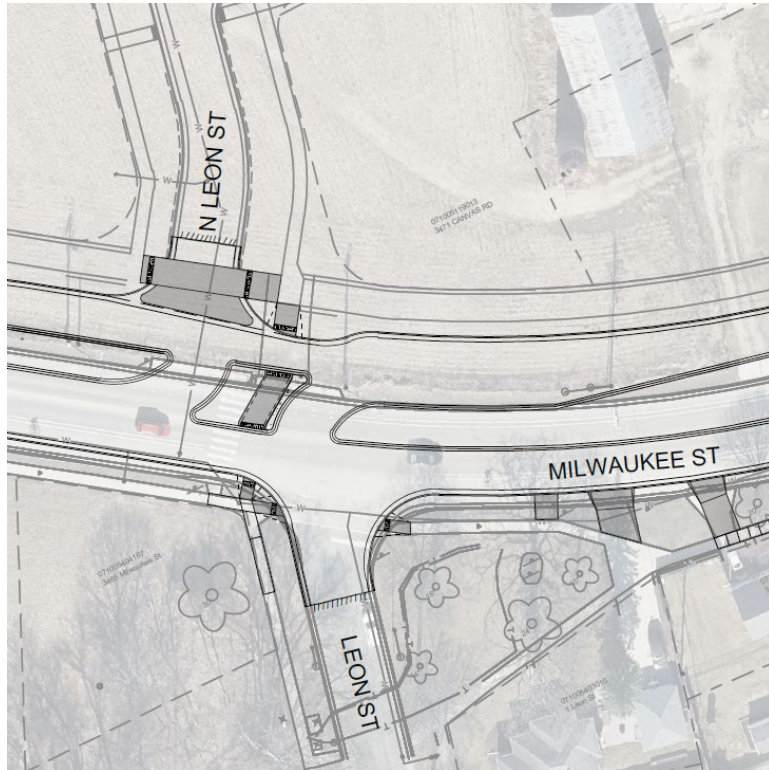
Proposed Street Improvements (Starkweather Creek to Walter St)



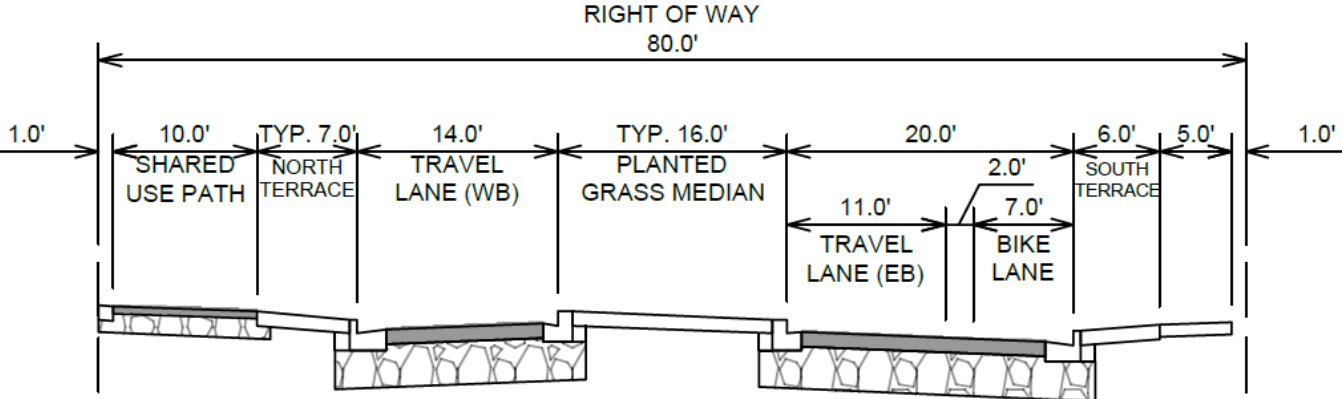
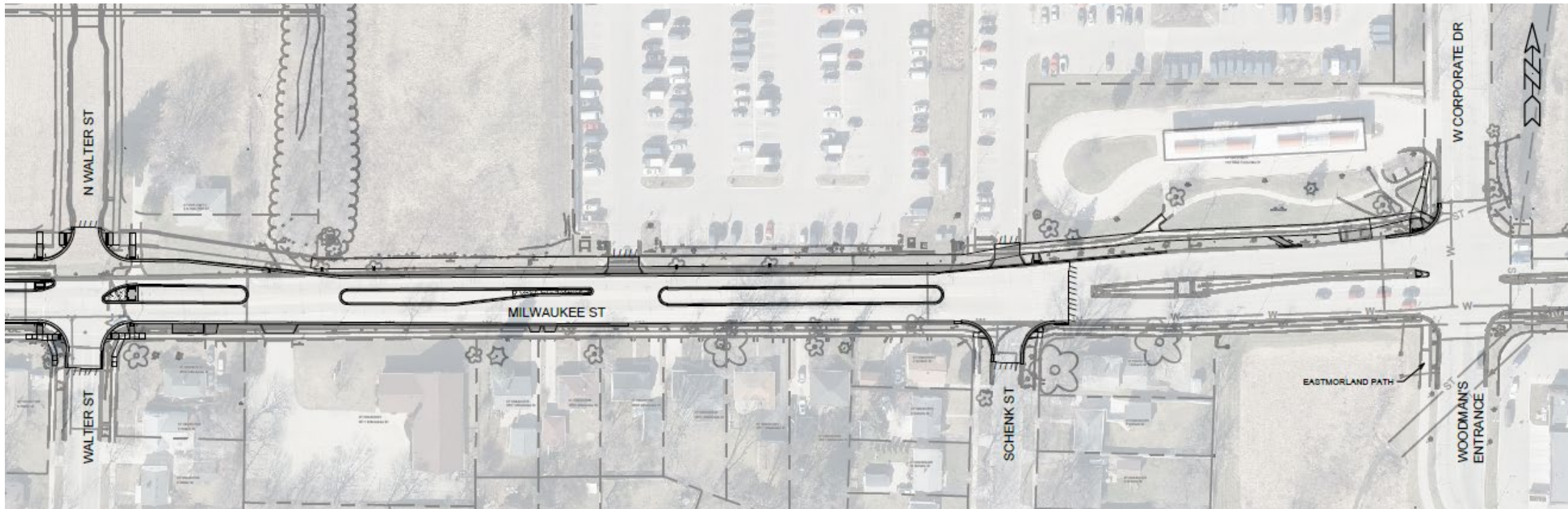
CITY OF MADISON



Proposed Street Improvements



Proposed Street Improvements (Walter St to W Corporate Dr)



Parking Study

Parking Study Milwaukee Street (S. Fair Oaks to Schenk)				
	Vehicle count by block/zone			
<u>Date /Time</u>				
	3400	3500	3600	
Sun. 5/4/2025				
7am	2	0	0	
11am	2	0	0	
7pm (7:10pm)	1	0	0	
Tues. 5/6/2025				
7am	2	0	0	
12pm	2	0	0	
7pm (7:45pm)	0	0	0	
Thurs. 5/8/2025				
7am	2	0	0	
12pm	1	0	0	
7pm (9:30pm)	0	0	0	
3400 Milwaukee St. (S. Fair Oaks Ave to Harding St.)				
3500 Milwaukee St. (Harding St. - SS Morris Community Ame Church)				
3600 Milwaukee St. (East of SS Morris Community Ame Church to Schenk St.)				