

Milwaukee Street Resurfacing with Utilities Project

City of Madison Traffic Engineering

Transportation Commission Presentation – 11/05/2025

Milwaukee Street Resurfacing with Utilities Project

- **Design 2026**
- **Construction 2027**
- **Replacement of curb on Northside**
- **Maintain curb on Southside**
- **Replace Stone Base, Pavement, Sanitary, Storm, Water, Lighting, Signal**

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Starkweather Plat

STARKWEATHER PLAT

PART OF LOTS 21 AND 22, AND ALL OF LOT 23, SAUTHOFF PLAT, AS RECORDED IN VOLUME 4 OF PLATS, ON PAGE 9A, AS DOCUMENT NUMBER 342008, DANE COUNTY REGISTRY AND ALSO PART OF THE NORTHEAST QUARTER, THE SOUTHEAST QUARTER AND THE SOUTHWEST QUARTER OF SECTION 05 AND PART OF THE NORTHWEST QUARTER AND THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 04, ALL IN TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN.



There are no objections to this plat with respect to s. 236.15, 236.16, 236.20 and 236.21 (1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.

Certified September 24, 2025

Don Fine
Department of Administration

v ierb icher planners engineers advisors		Drawn by: MZB	SURVEYED BY: Vierbicher Associates, Inc. 1400 Milwaukee Street Madison, WI 53714 (608) 687-3900 mz@vberbicher.com	SUBMITTED FOR: 1001 Land, LLC 1400 Milwaukee Street Madison, WI 53714
		Checked by: RKX		
		File: 220031		
		Date: 05/11/2025		
		Rev: 07/10/2023		
		Rev: 08/06/2023		
		Rev: 09/10/2023		

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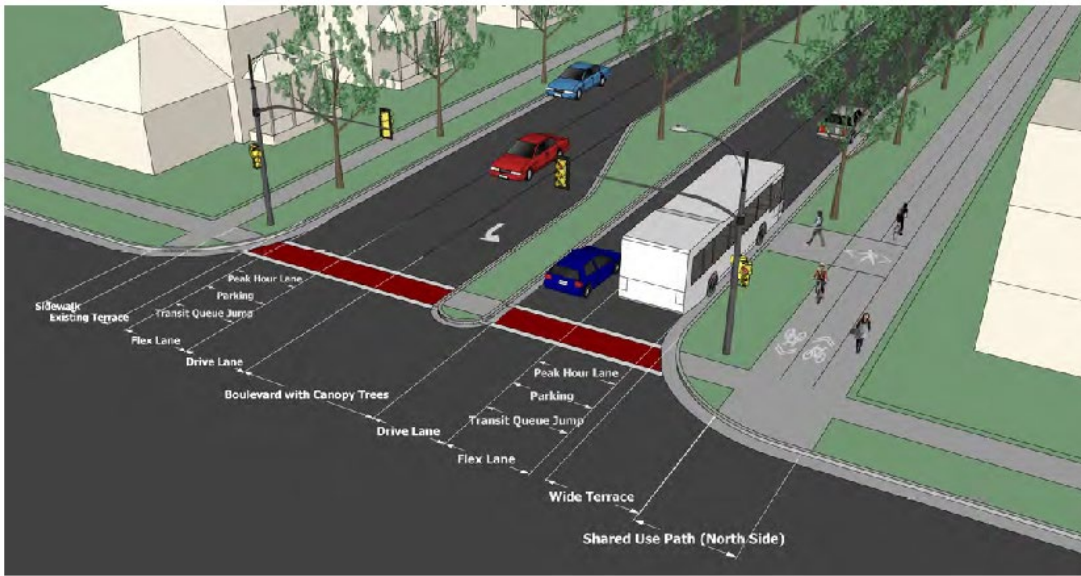


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SHEET
5 OF 7

Milwaukee Street Special Area Plan Recommendation (Adopted 2018)

Potential Milwaukee Street design:
Fair Oaks Avenue to Walter Street



20

Milwaukee Street Special Area Plan

Potential Milwaukee Street design:
Walter Street to Schenk Street



21

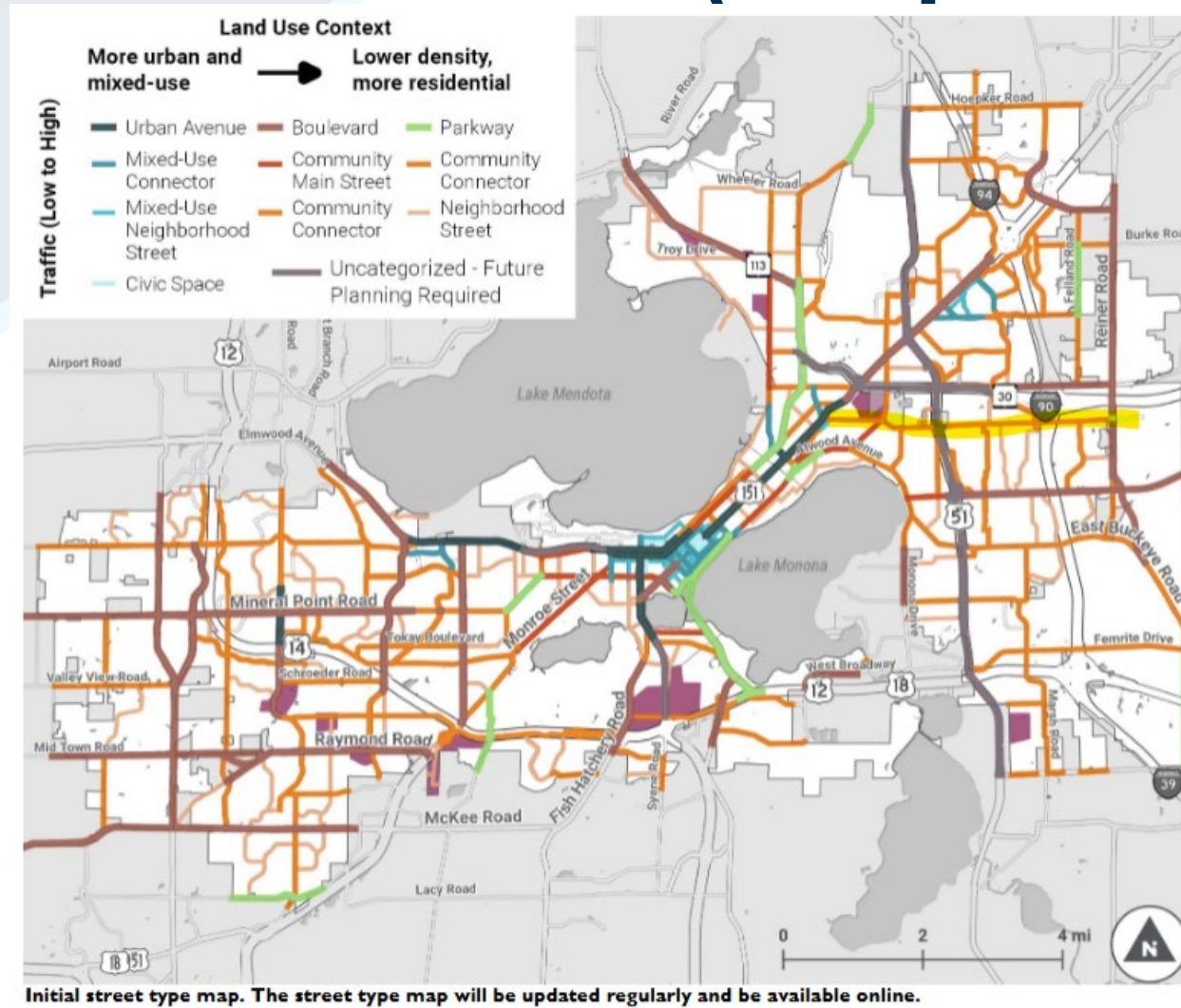
Milwaukee Street Special Area Plan

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Complete Green Streets (CGS) Recommendation (Adopted 2022)



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Complete Green Streets (CGS) Recommendation (Adopted 2022)

5.9. Community Connector

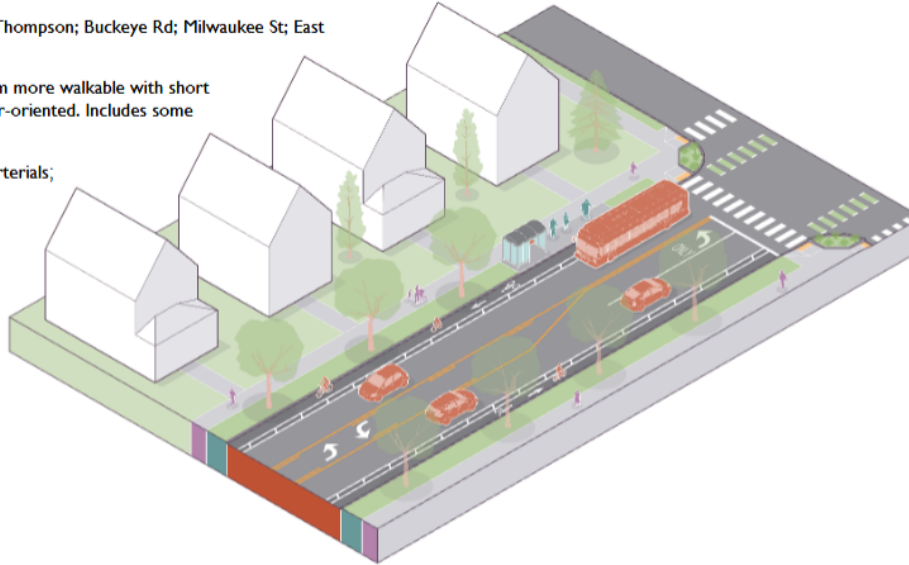
Streets that provide access and convey moderate numbers of people via multiple modes. Often includes transit.

Example Streets: Watts Rd; North Thompson; Buckeye Rd; Milwaukee St; East Gorham; Schroeder

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

Functional Classifications: Minor Arterials; Collectors

Target Speed: 25 mph or less



Zone Priorities and Preferred Elements for Each Zone

Walkway High Priority	Flex Zone Low Priority	Travelway 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.

6.2. Roadway (Travelway and Street Edge) Design & Space Allocation Parameters

Design criteria for roadways are determined using the table below. Deviation from the ranges specified should be carefully considered and occur rarely. When deviations occur, they will be documented appropriately.

Street Type	Travelway							Total Pavement Width‡ (curb to curb)		
	Typical # of Travel Lanes*	Lane Width			Center Turn Lane / Median	Target Speed (miles per hour)**	Typical ADT (motor vehicles)			
		Max.	Pref.	Min.						
Urban Avenue	4	11'	10'	10'	Median Standard	25	>20,000	106'	100'	80'
Boulevard	4	11'	10'	10'	Median Standard	25-30	>14,000	106'	84'	80'
Parkway	2-4	11.'	10'	10'	Median standard	25-35	>10,000	64'	64'	26'
Mixed-Use Connector	2	11'	10'	10'	Optional	25	3,000 to 15,000	56'	48'	32'
Community Main Street	2-3	10'	10'	10'	Optional (not common)	25 or less	10,000 to 25,000	60'	52'	40'
Community Connector	2-3	10'	10'	10'	Optional	25 or less	3,000 to 14,000	52'	46'	24'
Mixed-Use Neighborhood Street	No centerline†		N/A†		Not preferred	20-25	<3,000	38'	30'	30'
Neighborhood Street	No centerline†		N/A†		Not preferred	20 or less	<3,000	38'	36'	28' ∞
Neighborhood Yield Street	No centerline		N/A		Not compatible	20 or less	<1,500	32'	28'	24' ∞
Civic Space	No centerline		N/A		Not compatible	20 or less	<2,000	Varies	Varies	24'
Neighborhood Shared Street	No centerline		N/A		Not compatible	10 or less	<500	Varies	Varies	Varies

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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	Units						
01:00	33	36	69		35	37	72	PIELand Use Code						
02:00	20	17	37		17	18	35	PIELand Use						
03:00	13	12	25		13	13	26	Rate						
04:00	37	21	58		34	26	60	Estimated Trips						
05:00	75	51	126		58	61	119	1100	221	Multi-family Housing (Mid-Rise)		4.54	4994	
06:00	184	107	291		149	115	264	10	822	Stip Retail Plaza (<40k)		54.45	544.5	
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							
AMPeak Vol	671	406	1,053		545	425	928							
AMPeak Fct	.917	.914	.902		.885	.916	.892							
AMPeak Hr	7:45	11:00	7:45		7:45	11:00	7:45							
PMPeak Fct	.896	.925	.972		.861	.928	.976							
PMPeak 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							
Ade Fct	.500	.500	.500		.500	.500	.500							
Pulse Fct	2.000	2.000	2.000		2.000	2.000	2.000							
								Total	5538.5					

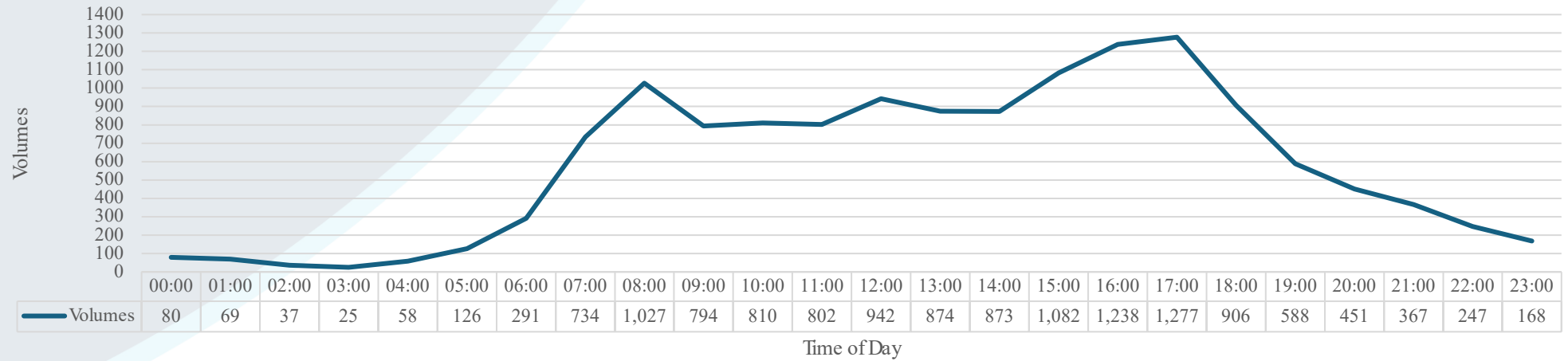
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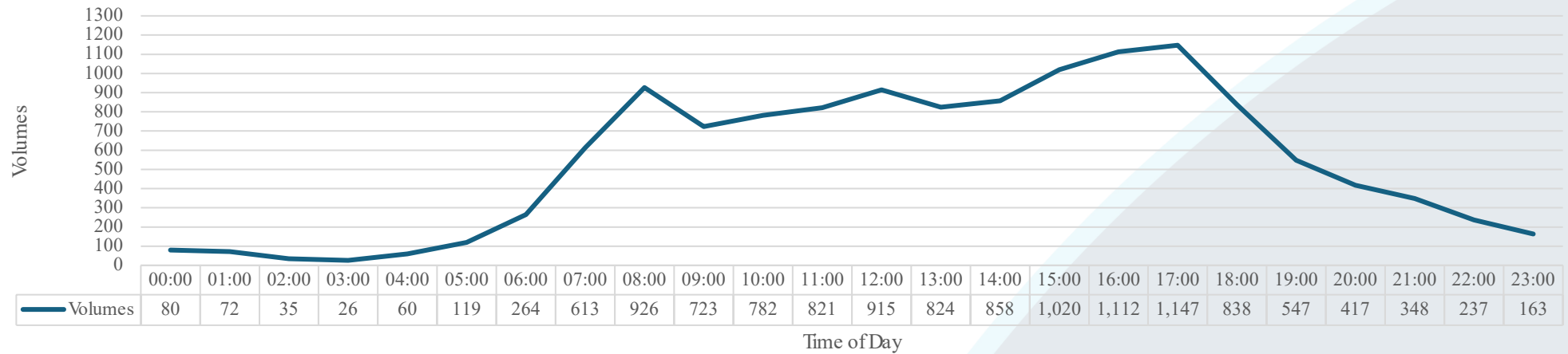
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Volume Data

Milwaukee Street between Fair Oaks and Leon



Milwaukee Street between Walter and Schenk



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Speed Data

Milwaukee Street Speed Data																																
FairOaks - Leon																Walter - Schenk																
Hour	Speed															Hour	Speed															
	0-14	14-17	17-20	20-23	23-25	25-27	27-30	30-32	32-35	35-37	37-40	40-45	45-55	55-200		TOTAL		0-14	14-17	17-20	20-23	23-25	25-27	27-30	30-32	32-35	35-37	37-40	40-45	45-55	55-200	TOTAL
00-01	0	0	1	0	4	8	14	14	20	12	5	2	0	0		80	00-01	0	0	1	0	3	7	10	12	21	12	10	4	0	0	80
01-02	0	0	0	0	2	2	11	13	20	10	6	3	2	0		69	01-02	0	0	0	1	1	3	17	9	20	5	9	5	2	0	72
02-03	0	1	0	0	1	1	10	5	11	6	1	1	0	0		37	02-03	0	0	0	1	1	2	3	7	13	3	3	2	0	0	35
03-04	0	0	0	0	1	1	5	6	6	4	1	1	0	0		25	03-04	0	0	2	0	1	4	7	6	5	0	0	1	0	0	26
04-05	0	0	1	0	3	3	7	12	11	11	8	1	1	0		58	04-05	0	0	0	3	5	4	8	10	11	4	7	5	3	0	60
05-06	0	0	0	0	3	3	21	23	38	14	15	6	3	0		126	05-06	0	0	0	0	2	5	17	19	33	18	18	7	0	0	119
06-07	0	0	0	2	8	16	47	65	88	29	26	7	3	0		291	06-07	0	0	1	5	9	10	42	44	80	38	21	13	1	0	264
07-08	5	3	4	22	28	44	138	142	221	77	39	11	0	0	734	07-08	1	0	0	7	11	34	117	122	182	77	43	18	1	0	613	
08-09	2	5	18	29	61	123	259	220	200	64	42	3	1	0	1,027	08-09	3	7	11	22	44	69	222	181	233	67	49	16	2	0	926	
09-10	0	0	6	12	30	65	184	158	204	87	39	8	1	0	794	09-10	0	1	1	12	11	53	176	154	188	73	39	15	0	0	723	
10-11	0	0	3	10	39	91	207	167	207	49	29	7	1	0	810	10-11	5	3	11	27	36	80	169	136	184	76	37	17	1	0	782	
11-12	3	0	5	15	17	58	208	181	202	61	43	9	0	0	802	11-12	1	0	2	15	31	63	223	173	200	75	26	10	2	0	821	
12-13	1	1	0	9	29	84	254	209	229	80	36	9	1	0	942	12-13	0	0	0	8	32	68	252	187	228	76	50	14	0	0	915	
13-14	1	4	8	11	33	66	201	189	225	82	41	11	2	0	874	13-14	3	2	8	20	34	112	188	147	190	60	47	7	6	0	824	
14-15	0	0	1	8	21	85	230	169	234	67	49	9	0	0	873	14-15	2	5	8	12	20	74	249	152	220	67	41	7	1	0	858	
15-16	0	4	8	6	32	85	313	226	251	85	50	20	1	1	1,082	15-16	2	0	4	18	36	90	275	203	239	91	43	16	2	1	1,020	
16-17	13	7	15	37	56	116	271	296	284	88	44	11	0	0	1,238	16-17	0	0	3	24	41	94	297	263	261	76	37	16	0	0	1,112	
17-18	0	5	19	53	92	140	369	276	228	65	21	9	0	0	1,277	17-18	1	0	6	25	66	120	390	253	204	49	25	6	2	0	1,147	
18-19	0	1	2	19	40	86	266	215	192	44	27	13	1	0	906	18-19	0	1	6	25	31	82	205	200	199	47	33	7	2	0	838	
19-20	0	0	1	5	20	50	166	126	129	55	26	10	0	0	588	19-20	0	0	1	16	21	42	124	121	142	48	18	14	0	0	547	
20-21	0	1	1	8	13	26	115	98	112	33	35	8	1	0	451	20-21	0	1	2	11	12	23	98	97	107	34	20	9	2	1	417	
21-22	0	0	0	3	15	25	75	94	86	35	28	4	2	0	367	21-22	0	1	1	6	9	19	75	59	96	46	27	6	1	2	348	
22-23	0	0	0	1	7	17	54	62	54	21	15	13	3	0	247	22-23	0	0	0	2	4	12	54	54	59	25	15	10	2	0	237	
23-24	0	1	0	2	0	14	33	37	42	19	14	4	2	0	168	23-24	0	0	1	0	3	7	34	24	44	24	13	12	1	0	163	
Day	25	33	93	252	555	1209	3458	3003	3294	1098	640	180	25	1	13866	Day	18	21	69	260	464	1077	3252	2633	3159	1091	631	237	31	4	12947	
Total Count	25	33	93	252	555	1209	3458	3003	3294	1098	640	180	25	1	13866	Total Count	18	21	69	260	464	1077	3252	2633	3159	1091	631	237	31	4	12947	
Total Percent	0.18	0.24	0.67	1.82	4	8.72	24.94	21.66	23.76	7.92	4.62	1.3	0.18	0.01	100	Total Percent	0.14	0.16	0.53	2.01	3.58	8.32	25.12	20.34	24.4	8.43	4.87	1.83	0.24	0.03	100	
	40.57							59.45										39.86							60.14							
	Percent of Traffic Under 30mph							Percent of Traffic Over 30mph										Percent of Traffic Under 30mph							Percent of Traffic Over 30mph							

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Metro Routes



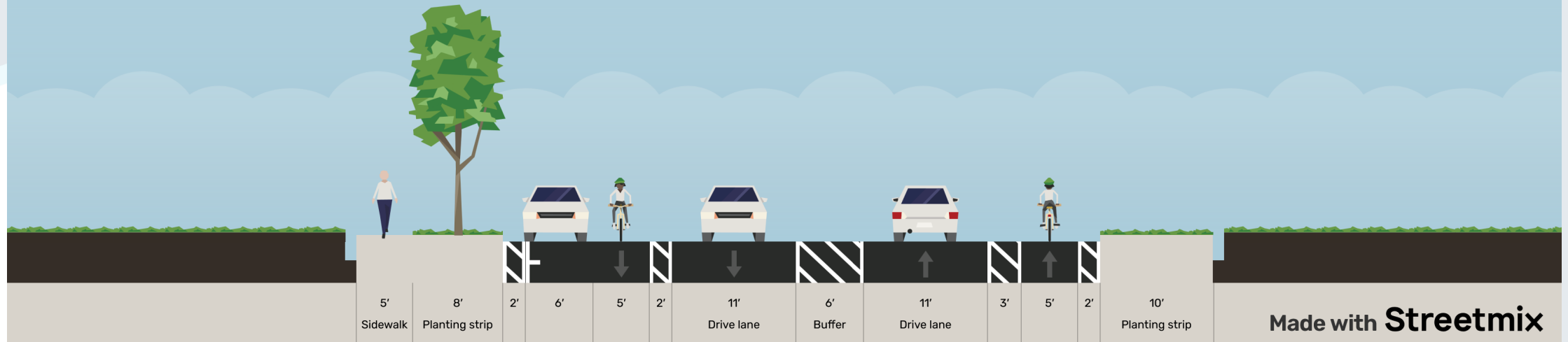
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Cross-Section - Existing

Milwaukee Street (Existing)



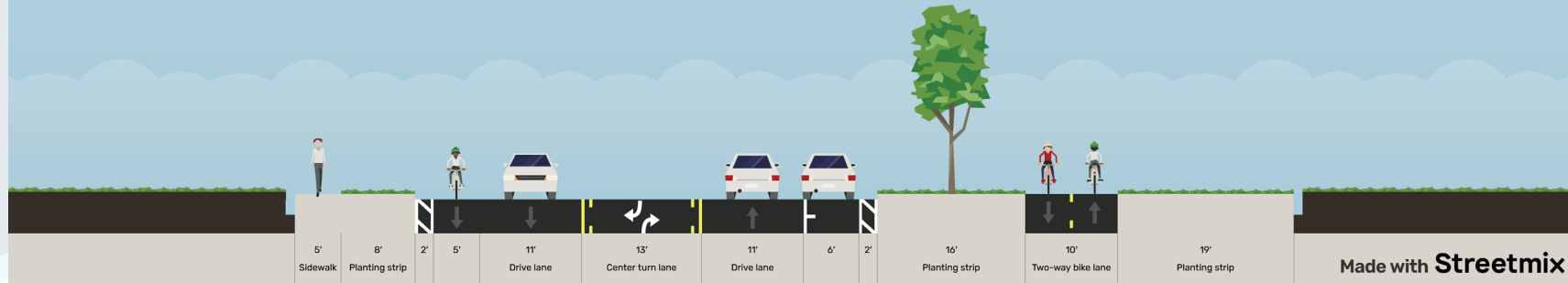
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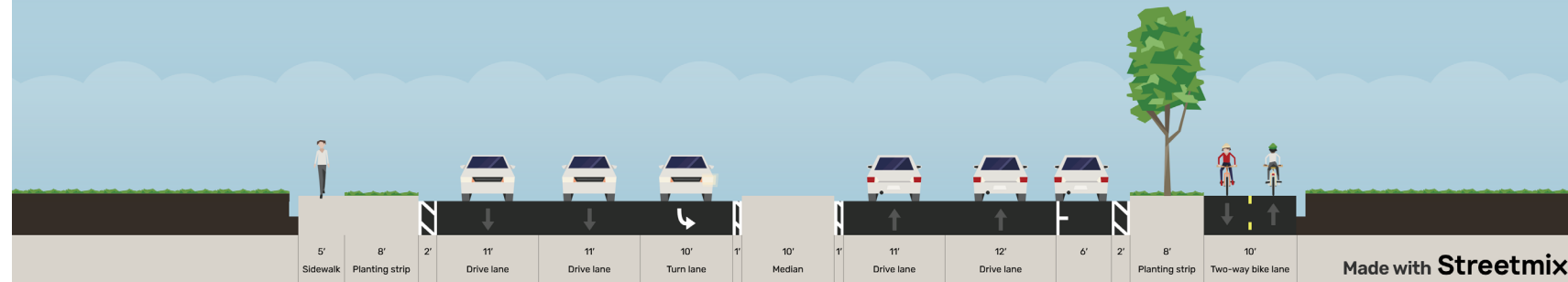
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Cross-Sections - Proposed

Milwaukee Street (Proposed TWLTL)



Milwaukee Street (Four Lane Divided)



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