



City of Waukesha
 201 Delafield Street
 Waukesha, WI 53188
 Tel: 262.542.3700
 waukesha-wi.gov

City of Waukesha Cover Sheet

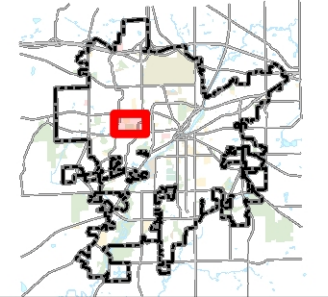
Committee: Building & Grounds	B&G Meeting Date: July 6, 2026
ID Number: ID#26-03709	Ordinance/Resolution Number (if applicable):
Department Submitting: Department of Public Works	Common Council Meeting Date: July 21, 2026
Agenda Item Title: Please investigate possible pedestrian accommodations and speed reducing measures on Michigan Avenue between Mackenzie Drive and Greenmeadow Drive.	

Issue Before the Council: This item was brought forward by Ald. Micklitz to evaluate possible pedestrian improvements and speed reducing measures on Michigan Avenue between Mackenzie Drive and Greenmeadow Drive.
Options & Alternatives: <ol style="list-style-type: none"> 1. Recommend to Finance Committee to consider budget amendment. 2. Direct staff to include in future CIP project and dictate year for construction. 3. Do nothing.
Additional Details: Volume is directionally comparable for eastbound and westbound directions at the two spot speed locations on Michigan Avenue (950 – 1,000 vehicles per day). Eastbound traffic trends to have a lower speed profile (85 th percentile speed = 25-28mph) compared to westbound traffic (85 th percentile speed = 28-31mph).

What is the Strategic Plan Priority this item relates to: N/A
What impact will this item have on the Strategic Plan Priority? N/A
Financial Remarks: The cost for installing the curb ramps is approximately \$9,000 to \$10,000. The cost for installing the pavement marking is approximately \$17,000. The cost for installing four (4) School signs, two (2) Ahead plaques, two (2) Downward Diagonal Arrow plaques, one (1) Fine Higher sign, and three (3) sign poles is approximately \$1,055.
Suggested Motion:

Reviewed By:

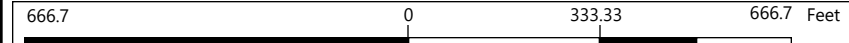
City Attorney Brian Running	Date Reviewed
Finance Director Joseph P. Ciarro	Date Reviewed
City Administrator Anthony W. Brown	Date Reviewed



Legend

- Parcels
- Taxkey Labels
- City Limits
- Railroads
- Water Bodies
- Landmarks**
- Cemetery
- County
- Municipal
- Hospital
- Parks
- School
- State/Federal

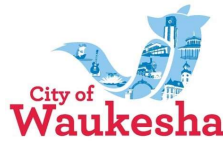
1:4,000



This map is a user generated static output from an Internet mapping site and is for reference only. The data found on this site is considered to be correct, but should not be used for engineering or survey applications without verifying the information from officially recorded sources.

Notes:

Location 1: Michigan Avenue
 Location 2: west of Waukesha North High School



Comment 1:
 Comment 2:
 Latitude: 43.016723
 Longitude: -88.265993

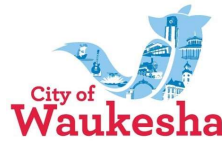
5/21/2026 Time	A to B, Westbound		Hour Totals		B to A, Eastbound		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	1	6			0	9				
12:15	0	26			0	13				
12:30	0	6			0	18				
12:45	0	22	1	60	0	39	0	79	1	139
1:00	0	7			0	9				
1:15	0	3			0	3				
1:30	0	3			0	11				
1:45	0	10	0	23	0	5	0	28	0	51
2:00	1	8			1	9				
2:15	1	65			0	20				
2:30	0	29			0	20				
2:45	0	12	2	114	0	24	1	73	3	187
3:00	0	92			0	38				
3:15	0	23			0	22				
3:30	0	16			0	19				
3:45	0	28	0	159	0	16	0	95	0	254
4:00	0	12			0	18				
4:15	1	13			2	10				
4:30	1	18			0	16				
4:45	0	15	2	58	0	29	2	73	4	131
5:00	1	14			0	16				
5:15	1	18			2	16				
5:30	1	23			2	11				
5:45	3	10	6	65	2	30	6	73	12	138
6:00	2	5			3	14				
6:15	2	4			6	15				
6:30	7	21			7	12				
6:45	13	6	24	36	18	9	34	50	58	86
7:00	24	10			64	7				
7:15	80	12			122	21				
7:30	33	25			29	6				
7:45	10	11	147	58	14	7	229	41	376	99
8:00	13	4			9	5				
8:15	8	5			22	4				
8:30	7	31			12	5				
8:45	10	2	38	42	12	4	55	18	93	60
9:00	20	7			19	2				
9:15	8	4			7	2				
9:30	2	2			4	4				
9:45	4	1	34	14	7	4	37	12	71	26
10:00	6	3			4	5				
10:15	4	2			6	0				
10:30	35	0			13	3				
10:45	6	1	51	6	15	0	38	8	89	14
11:00	7	0			34	0				
11:15	9	5			12	0				
11:30	9	1			1	0				
11:45	4	0	29	6	3	0	50	0	79	6
Total	334	641			452	550			786	1191
Percent	34.3%	65.7%			45.1%	54.9%			39.8%	60.2%
Grand Total	334	641			452	550			786	1191
Percent	34.3%	65.7%			45.1%	54.9%			39.8%	60.2%

ADT

ADT: 1,977

AADT: 1,977

Location 1: Michigan Avenue
 Location 2: east of Waukesha North HS



Comment 1:
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 Latitude: 43.016748
 Longitude: -88.262770

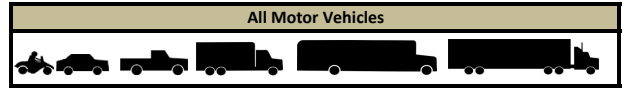
5/21/2026 Time	A to B, Westbound		Hour Totals		B to A, Eastbound		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
1:00	0	11			0	10				
1:15	0	3			0	7				
1:30	0	1			0	12				
1:45	0	13	0	28	0	6	0	35	0	63
2:00	1	11			1	9				
2:15	1	21			0	52				
2:30	0	17			0	35				
2:45	0	0	2	49	0	0	1	96	3	145
3:00	0	2			0	3				
3:15	0	14			0	26				
3:30	0	15			0	18				
3:45	0	26	0	57	0	19	0	66	0	123
4:00	0	13			0	16				
4:15	1	12			2	13				
4:30	1	19			0	14				
4:45	0	16	2	60	0	23	2	66	4	126
5:00	1	17			0	17				
5:15	1	27			2	19				
5:30	1	16			1	12				
5:45	4	28	7	88	1	17	4	65	11	153
6:00	3	19			3	7				
6:15	2	10			7	14				
6:30	9	18			4	13				
6:45	21	8	35	55	19	6	33	40	68	95
7:00	64	26			57	9				
7:15	133	28			69	25				
7:30	36	15			43	18				
7:45	18	3	251	72	13	12	182	64	433	136
8:00	11	5			8	8				
8:15	8	5			23	7				
8:30	10	4			13	25				
8:45	12	2	41	16	10	11	54	51	95	67
9:00	25	7			21	5				
9:15	7	1			7	5				
9:30	3	4			2	4				
9:45	3	1	38	13	8	5	38	19	76	32
10:00	8	2			6	7				
10:15	4	2			6	1				
10:30	5	0			25	3				
10:45	7	0	24	4	18	0	55	11	79	15
11:00	20	0			6	0				
11:15	10	4			8	0				
11:30	13	1			3	1				
11:45	7	0	50	5	2	0	19	1	69	6
12:00	11	0			11	0				
12:15	6	0			41	1				
12:30	17	1			11	0				
12:45	25	1	59	2	20	1	83	2	142	4
Total	509	449			471	516			980	965
Percent	53.1%	46.9%			47.7%	52.3%			50.4%	49.6%
Grand Total	509	449			471	516			980	965
Percent	53.1%	46.9%			47.7%	52.3%			50.4%	49.6%
ADT		ADT: 1,945		AADT: 1,945						

Intersection Traffic Volume Report

Count Basics			Page 3 of 13
Start Date:	Thursday, May 21, 2026	Weekday	Schools in Session
Total Number of Hours Counted:	15	Non-Holiday	No Special Events

Peak Hour Volume Summary

Michigan Ave & North HS Parking Lot



Peak Hour Volumes, Truck Percentages, and PHFs

Thursday, May 21, 2026		From North North HS Parking Lot					From East Michigan Ave					From South Park					From West Michigan Ave					Totals
AM Peak Hour		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	
Start Time		0	0	0	0	0	8	8	0	0	16	0	0	0	0	0	0	18	3	0	21	37
6:45 AM		0	0	0	0	0	49	7	0	0	56	0	0	0	0	0	0	55	34	0	89	145
7:00 AM		0	0	0	0	0	122	9	0	1	132	0	0	0	0	0	0	72	81	0	153	285
7:15 AM		0	0	0	0	0	41	6	0	0	47	0	0	0	0	0	0	49	48	0	97	144
7:30 AM		0	0	0	0	0	220	30	0	1	251	0	0	0	0	0	0	194	166	0	360	611
Peak Hour Volume		0	0	0	0	0	220	30	0	0	250	0	0	0	0	0	0	195	165	0	360	610
Rounded Hourly Volume		0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.3	1.0
% Single Unit Trucks		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Heavy Trucks		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Trucks (Total)		0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.3	1.0
Peak Hour Factor (PHF)		0.00	0.00	0.00	0.00	0.00	0.45	0.83	0.00	0.25	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.51	0.00	0.59	0.54

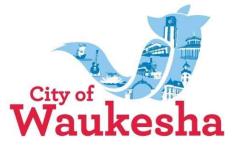
Thursday, May 21, 2026		From North North HS Parking Lot					From East Michigan Ave					From South Park					From West Michigan Ave					Totals
MD Peak Hour		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	
Start Time		0	0	1	0	1	2	6	0	0	8	0	0	0	0	0	0	37	1	0	38	47
12:15 PM		0	0	0	0	0	13	4	0	0	17	0	0	0	0	0	0	9	5	0	14	31
12:30 PM		0	0	0	0	0	19	7	0	0	26	0	0	0	0	0	0	17	32	0	49	75
12:45 PM		0	0	0	0	0	4	6	0	0	10	0	0	0	0	0	0	14	1	0	15	25
1:00 PM		0	0	1	0	1	38	23	0	0	61	0	0	0	0	0	0	77	39	0	116	178
Peak Hour Volume		0	0	0	0	0	40	25	0	0	65	0	0	0	0	0	0	75	40	0	115	180
Rounded Hourly Volume		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	4.3	2.8
% Single Unit Trucks		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Heavy Trucks		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Trucks (Total)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	4.3	2.8
Peak Hour Factor (PHF)		0.00	0.00	0.25	0.00	0.25	0.50	0.82	0.00	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.30	0.00	0.59	0.59

Thursday, May 21, 2026		From North North HS Parking Lot					From East Michigan Ave					From South Park					From West Michigan Ave					Totals
PM Peak Hour		Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	
Start Time		1	0	0	0	1	14	5	0	1	20	0	0	0	0	0	0	43	9	0	52	73
2:15 PM		0	0	0	0	0	17	11	0	0	28	0	0	0	0	0	0	48	9	0	57	85
2:30 PM		0	0	0	0	0	28	11	0	0	39	0	0	0	0	0	0	7	13	0	20	59
2:45 PM		0	0	0	0	0	39	16	0	0	55	0	0	0	0	0	0	76	23	0	99	154
3:00 PM		1	0	0	0	1	98	43	0	1	142	0	0	0	0	0	0	174	54	0	228	371
Peak Hour Volume		0	0	0	0	0	100	45	0	0	145	0	0	0	0	0	0	175	55	0	230	375
Rounded Hourly Volume		0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.9	1.6
% Single Unit Trucks		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Heavy Trucks		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Trucks (Total)		0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.9	1.6
Peak Hour Factor (PHF)		0.25	0.00	0.00	0.00	0.25	0.63	0.67	0.00	0.25	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.59	0.00	0.58	0.60

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach North HS Parking Lot			Crossing East Approach Michigan Ave			Crossing South Approach Park			Crossing West Approach Michigan Ave			Total Ped & Bike Volume
15-Minute Start Time		Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	6:45 AM	0	0	0	0	0	0	4	0	4	0	0	0	4
	7:00 AM	0	0	0	0	0	0	1	0	1	2	0	2	3
	7:15 AM	0	0	0	5	0	5	1	0	1	3	0	3	9
	7:30 AM	1	0	1	1	0	1	1	0	1	0	0	0	3
	Total	1	0	1	6	0	6	7	0	7	5	0	5	19
MD	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	1	0	1	0	0	0	1	0	1	2
	1:00 PM	0	0	0	0	0	0	2	0	2	0	0	0	2
	Total	0	0	0	1	0	1	2	0	2	1	0	1	4
PM	2:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
	2:30 PM	0	0	0	2	0	2	0	0	0	2	0	2	4
	2:45 PM	1	0	1	2	0	2	0	0	0	0	0	0	3
	3:00 PM	11	0	11	5	0	5	9	0	9	10	0	10	35
	Total	12	0	12	9	0	9	9	0	9	13	0	13	43

Location 1: Michigan Avenue
 Location 2: west of Waukesha North High School

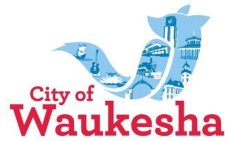


Comment 1:
 Comment 2:
 Latitude: 43.016723
 Longitude: -88.265993

Direction: A to B, Westbound

5/21/2026	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
5:00	0	0	0	0	0	0	0	1	1	0	1	0	1	2	6
6:00	1	1	0	0	0	1	2	1	1	5	3	8	0	1	24
7:00	0	1	1	1	5	32	63	25	6	2	7	4	0	0	147
8:00	2	2	2	3	0	2	6	3	4	5	4	3	1	1	38
9:00	0	0	0	0	0	2	10	7	3	7	4	1	0	0	34
10:00	0	0	0	1	1	3	14	19	7	3	3	0	0	0	51
11:00	0	0	0	0	1	6	2	7	4	5	2	2	0	0	29
12:00 PM	1	0	0	1	1	4	16	25	1	5	1	4	0	1	60
1:00	0	0	0	0	0	1	3	4	4	8	2	0	1	0	23
2:00	0	0	0	0	3	7	26	40	17	10	8	2	0	1	114
3:00	0	1	0	0	5	20	41	38	23	10	14	3	3	1	159
4:00	0	0	0	1	1	2	11	14	5	10	3	10	1	0	58
5:00	0	0	0	0	1	2	9	11	12	8	8	10	4	0	65
6:00	0	0	0	0	1	1	3	3	5	9	9	5	0	0	36
7:00	0	0	1	1	2	9	11	12	6	6	5	2	2	1	58
8:00	0	0	0	0	0	1	4	4	9	12	7	2	3	0	42
9:00	0	0	0	0	1	1	2	2	2	3	2	1	0	0	14
10:00	0	0	0	0	0	0	0	0	0	1	0	3	2	0	6
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4	5	4	8	22	94	223	216	110	111	84	61	19	8	969
Percentile		15th		50th		85th		95th							
Speed		18		22		31		35							
Mean Speed (Average)		24.6													
10 MPH Pace Speed		18-27													
Number in Pace		585													
Percent in Pace		60.4%													
Number > 24 MPH		393													
Percent > 24 MPH		40.6%													
Grand Total	4	5	4	8	22	94	223	216	110	111	84	61	19	8	969
Stats		Percentile		15th		50th		85th		95th					
Speed		18		22		31		35							
Mean Speed (Average)		24.6													
10 MPH Pace Speed		18-27													
Number in Pace		585													
Percent in Pace		60.4%													
Number > 24 MPH		393													
Percent > 24 MPH		40.6%													

Location 1: Michigan Avenue
 Location 2: west of Waukesha North High School

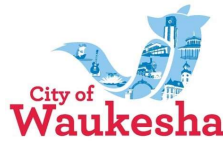


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 Longitude: -88.265993

Direction: B to A, Eastbound

5/21/2026	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
5:00	0	0	0	0	0	0	1	4	0	1	0	0	0	0	6
6:00	0	0	2	0	0	3	6	9	9	3	2	0	0	0	34
7:00	3	3	3	4	9	24	43	47	55	26	12	0	0	0	229
8:00	0	0	0	2	0	2	4	11	23	9	4	0	0	0	55
9:00	0	0	0	0	0	0	5	9	15	5	1	2	0	0	37
10:00	0	0	0	0	2	3	4	7	11	6	5	0	0	0	38
11:00	0	0	0	1	0	2	4	14	13	13	3	0	0	0	50
12:00 PM	0	1	0	1	0	4	11	18	24	14	4	2	0	0	79
1:00	0	0	0	0	1	1	4	5	6	9	1	1	0	0	28
2:00	0	0	0	0	1	1	8	23	28	10	2	0	0	0	73
3:00	0	0	0	2	1	6	13	19	26	18	8	2	0	0	95
4:00	0	0	0	0	1	5	3	13	21	23	5	2	0	0	73
5:00	0	0	0	0	0	2	8	13	25	15	8	2	0	0	73
6:00	0	0	0	0	0	1	3	13	16	13	2	2	0	0	50
7:00	0	0	0	0	1	2	3	9	12	9	2	3	0	0	41
8:00	0	0	0	0	1	0	2	4	7	3	1	0	0	0	18
9:00	0	0	0	0	0	1	1	3	3	3	1	0	0	0	12
10:00	0	0	0	0	0	1	0	0	1	3	3	0	0	0	8
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	4	5	10	17	58	124	222	296	183	64	16	0	0	1002
Percentile		15th		50th		85th		95th							
Speed		20		24		29		31							
Mean Speed (Average)		24.1													
10 MPH Pace Speed		20-29													
Number in Pace		740													
Percent in Pace		73.9%													
Number > 24 MPH		559													
Percent > 24 MPH		55.8%													
Grand Total	3	4	5	10	17	58	124	222	296	183	64	16	0	0	1002
Stats		Percentile		15th		50th		85th		95th					
Speed		20		24		29		31							
Mean Speed (Average)		24.1													
10 MPH Pace Speed		20-29													
Number in Pace		740													
Percent in Pace		73.9%													
Number > 24 MPH		559													
Percent > 24 MPH		55.8%													

Location 1: Michigan Avenue
 Location 2: east of Waukesha North High School

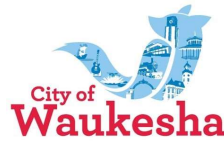


Comment 1:
 Comment 2:
 Latitude: 43.016748
 Longitude: -88.262770

Direction: A to B, Westbound

5/21/2026	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
5:00	0	0	0	0	1	0	0	2	1	1	1	1	0	0	7
6:00	0	1	0	0	2	2	3	6	11	8	2	0	0	0	35
7:00	0	1	0	1	0	10	35	82	85	32	3	2	0	0	251
8:00	0	0	0	0	1	1	1	7	20	8	3	0	0	0	41
9:00	0	0	0	1	1	4	2	6	9	9	5	1	0	0	38
10:00	0	0	0	0	1	0	4	7	8	3	1	0	0	0	24
11:00	0	0	0	0	1	0	5	10	22	6	4	0	1	1	50
12:00 PM	0	0	1	0	1	2	4	14	20	13	2	2	0	0	59
1:00	0	0	0	0	2	1	0	7	12	4	2	0	0	0	28
2:00	0	0	0	1	0	2	3	16	20	5	2	0	0	0	49
3:00	1	0	0	0	1	4	2	13	24	10	2	0	0	0	57
4:00	0	0	0	1	3	1	8	15	18	13	1	0	0	0	60
5:00	0	0	0	1	0	11	10	12	36	15	2	1	0	0	88
6:00	0	0	0	3	2	9	4	13	18	5	0	1	0	0	55
7:00	3	0	1	2	6	8	3	13	18	13	5	0	0	0	72
8:00	0	0	0	0	0	0	0	4	7	3	2	0	0	0	16
9:00	0	0	0	0	0	0	1	8	3	0	1	0	0	0	13
10:00	0	0	0	0	0	0	0	0	1	1	1	1	0	0	4
11:00	0	0	0	1	0	0	0	0	3	0	1	0	0	0	5
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4	2	2	11	22	55	85	235	337	151	40	10	1	1	956
				Percentile	15th	50th	85th	95th							
				Speed	20	25	28	30							
				Mean Speed (Average)	24.1										
				10 MPH Pace Speed	20-29										
				Number in Pace	749										
				Percent in Pace	78.3%										
				Number > 45 MPH	1										
				Percent > 45 MPH	0.1%										
Grand Total	4	2	2	11	22	55	85	235	337	151	40	10	1	1	956
Stats				Percentile	15th	50th	85th	95th							
				Speed	20	25	28	30							
				Mean Speed (Average)	24.1										
				10 MPH Pace Speed	20-29										
				Number in Pace	749										
				Percent in Pace	78.3%										
				Number > 45 MPH	1										
				Percent > 45 MPH	0.1%										

Location 1: Michigan Avenue
 Location 2: east of Waukesha North High School

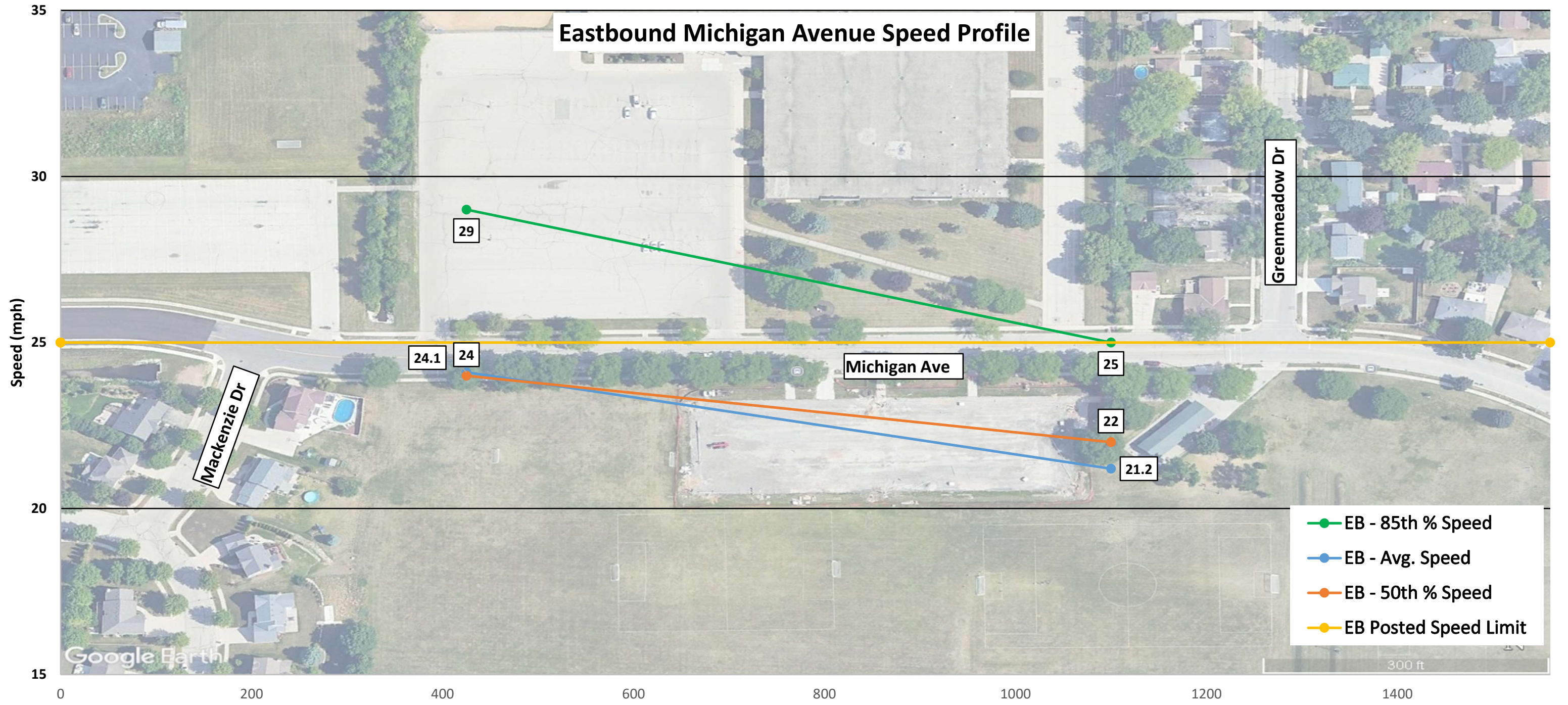


Comment 1:
 Comment 2:
 Latitude: 43.016748
 Longitude: -88.262770

Direction: B to A, Eastbound

5/21/2026	0 - 3	> 3 - 6	> 6 - 9	> 9 - 12	> 12 - 15	> 15 - 18	> 18 - 21	> 21 - 24	> 24 - 27	> 27 - 30	> 30 - 33	> 33 - 36	> 36 - 39	> 39	Total
Time	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
5:00	0	0	0	0	0	0	0	2	1	1	0	0	0	0	4
6:00	0	0	0	0	2	0	9	7	9	3	3	0	0	0	33
7:00	0	1	3	2	8	19	49	63	29	8	0	0	0	0	182
8:00	0	0	0	0	1	1	8	21	14	9	0	0	0	0	54
9:00	0	0	0	1	3	1	7	16	8	1	1	0	0	0	38
10:00	0	1	1	0	5	10	9	7	21	1	0	0	0	0	55
11:00	0	0	0	1	0	4	5	7	2	0	0	0	0	0	19
12:00 PM	0	1	1	1	4	15	19	27	11	3	0	1	0	0	83
1:00	0	0	0	0	2	4	8	10	6	5	0	0	0	0	35
2:00	0	1	3	5	5	17	23	22	15	4	1	0	0	0	96
3:00	0	0	0	0	2	5	13	22	18	6	0	0	0	0	66
4:00	0	0	1	2	5	8	12	16	16	5	1	0	0	0	66
5:00	0	0	1	1	4	7	16	22	13	1	0	0	0	0	65
6:00	0	2	2	3	3	5	11	10	3	1	0	0	0	0	40
7:00	0	0	1	1	3	8	7	19	14	10	1	0	0	0	64
8:00	0	0	0	0	7	13	10	12	7	1	0	1	0	0	51
9:00	0	0	0	0	0	0	5	9	4	0	1	0	0	0	19
10:00	0	0	0	0	0	1	1	7	0	1	1	0	0	0	11
11:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	6	13	17	54	119	212	300	193	60	9	2	0	0	985
				Percentile	15th	50th	85th	95th							
				Speed	17	22	25	27							
				Mean Speed (Average)	21.2										
				10 MPH Pace Speed	17-26										
				Number in Pace	742										
				Percent in Pace	75.3%										
				Number > 45 MPH	0										
				Percent > 45 MPH	0.0%										
Grand Total	0	6	13	17	54	119	212	300	193	60	9	2	0	0	985
				Stats	Percentile	15th	50th	85th	95th						
				Speed	17	22	25	27							
				Mean Speed (Average)	21.2										
				10 MPH Pace Speed	17-26										
				Number in Pace	742										
				Percent in Pace	75.3%										
				Number > 45 MPH	0										
				Percent > 45 MPH	0.0%										

Eastbound Michigan Avenue Speed Profile

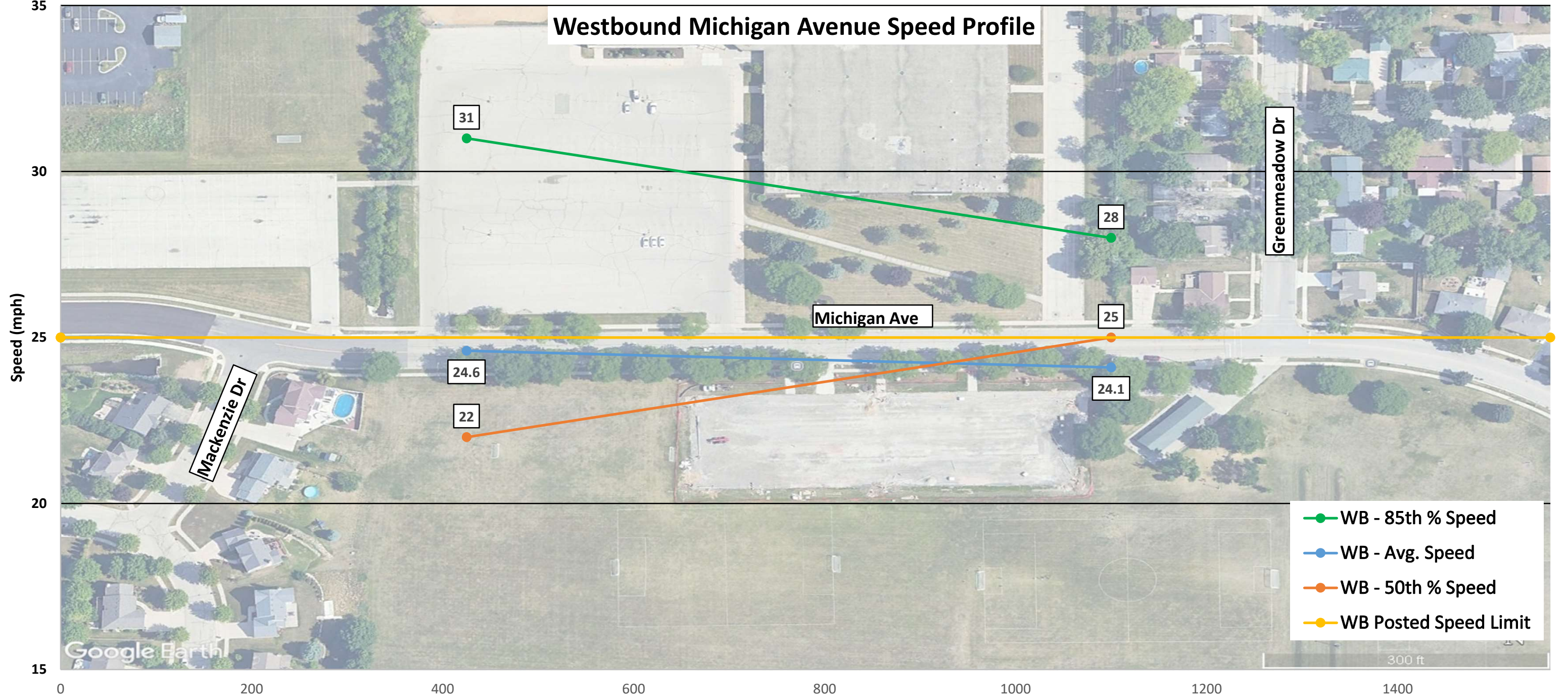


- EB - 85th % Speed
- EB - Avg. Speed
- EB - 50th % Speed
- EB Posted Speed Limit

Google Earth

300 ft

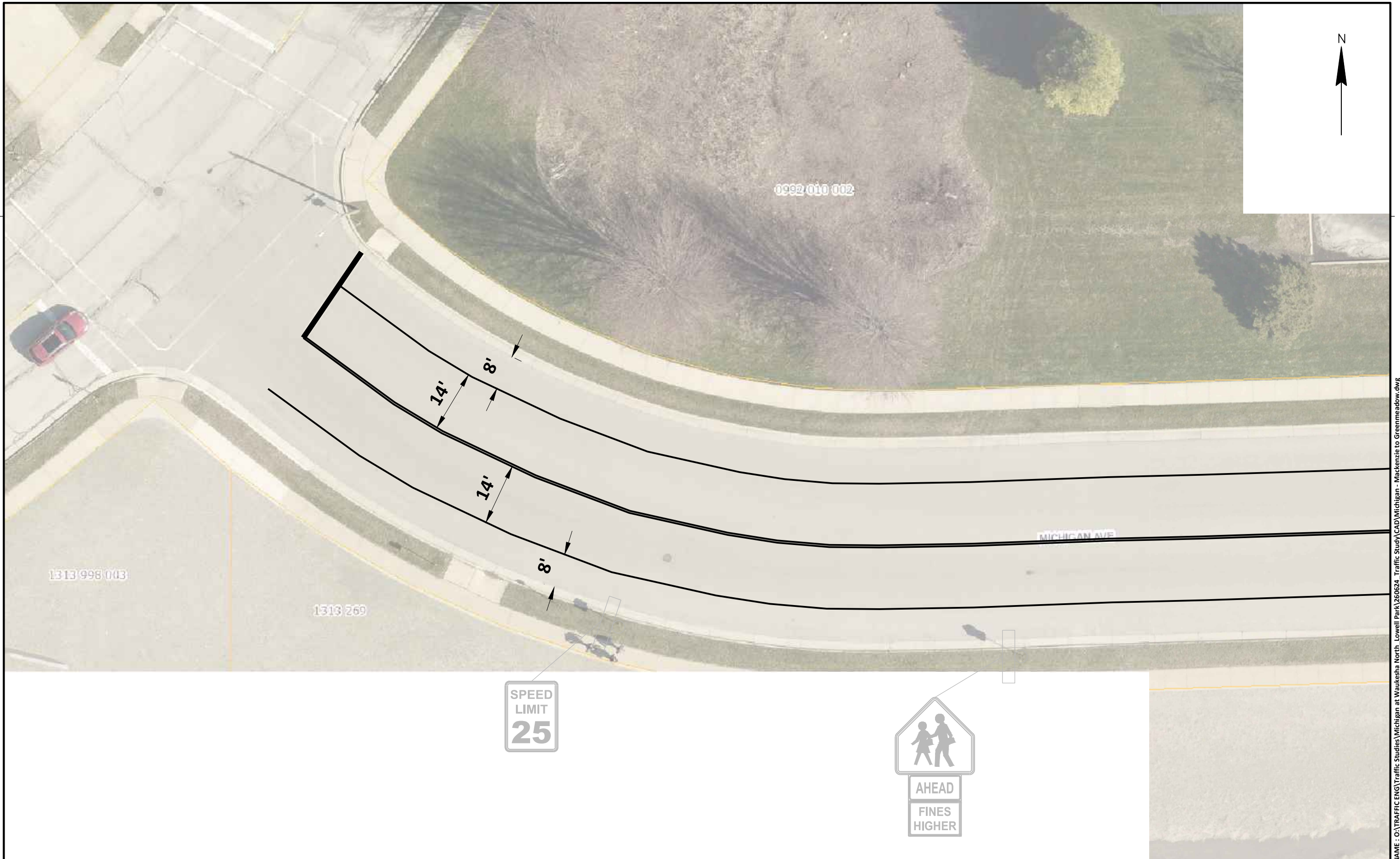
Westbound Michigan Avenue Speed Profile



- WB - 85th % Speed
- WB - Avg. Speed
- WB - 50th % Speed
- WB Posted Speed Limit

Google Earth

300 ft



0992 010 002

1313 998 003

1313 269

MICHIGAN AVE

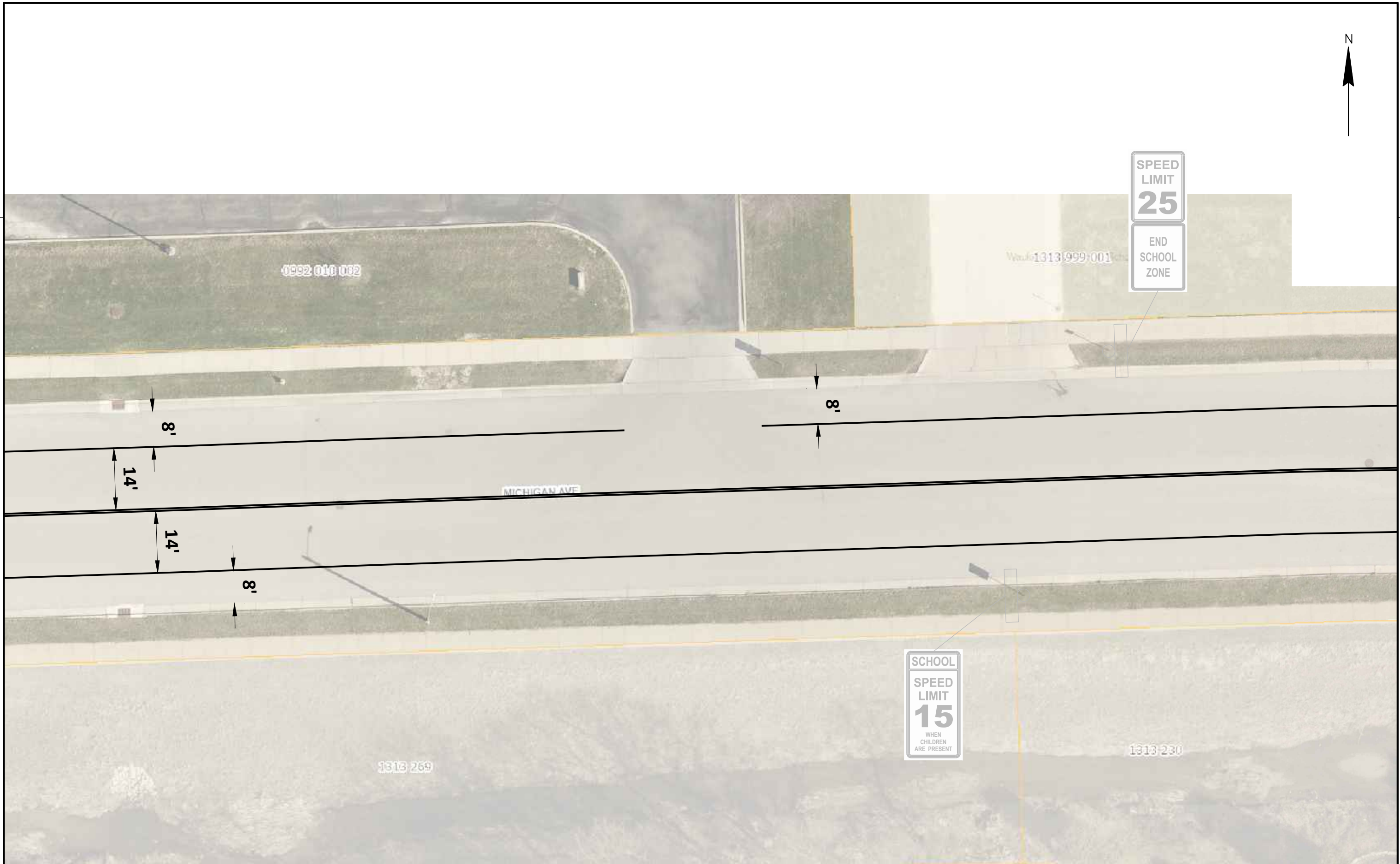


14'

8'

14'

8'



CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

MICHIGAN AVENUE - UNIVERSITY DRIVE TO GREENMEADOW DRIVE
SIGNING, PAVEMENT MARKING, CURB RAMPS

APPROVED: _____ DATE: _____
APPROVED: _____ DATE: _____

DRAWN BY: DJW
CHECKED BY: _____

PLOT SCALE: 1 IN:20 FT
PLOT DATE: 6/30/2026 10:30 AM

SHEET NO. 2 OF 6
PROJECT NO: 2026-MICHIGAN

FILE NAME : O:\TRAFFIC ENG\Traffic Studies\Michigan at Waukesha North_Lowell Park\260624_Traffic Study\CAD\Michigan - Mackenzie to Greenmeadow.dwg



CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

MICHIGAN AVENUE - UNIVERSITY DRIVE TO GREENMEADOW DRIVE
SIGNING, PAVEMENT MARKING, CURB RAMPS

APPROVED: _____ DATE: _____
APPROVED: _____ DATE: _____

DRAWN BY: DJW
CHECKED BY: _____

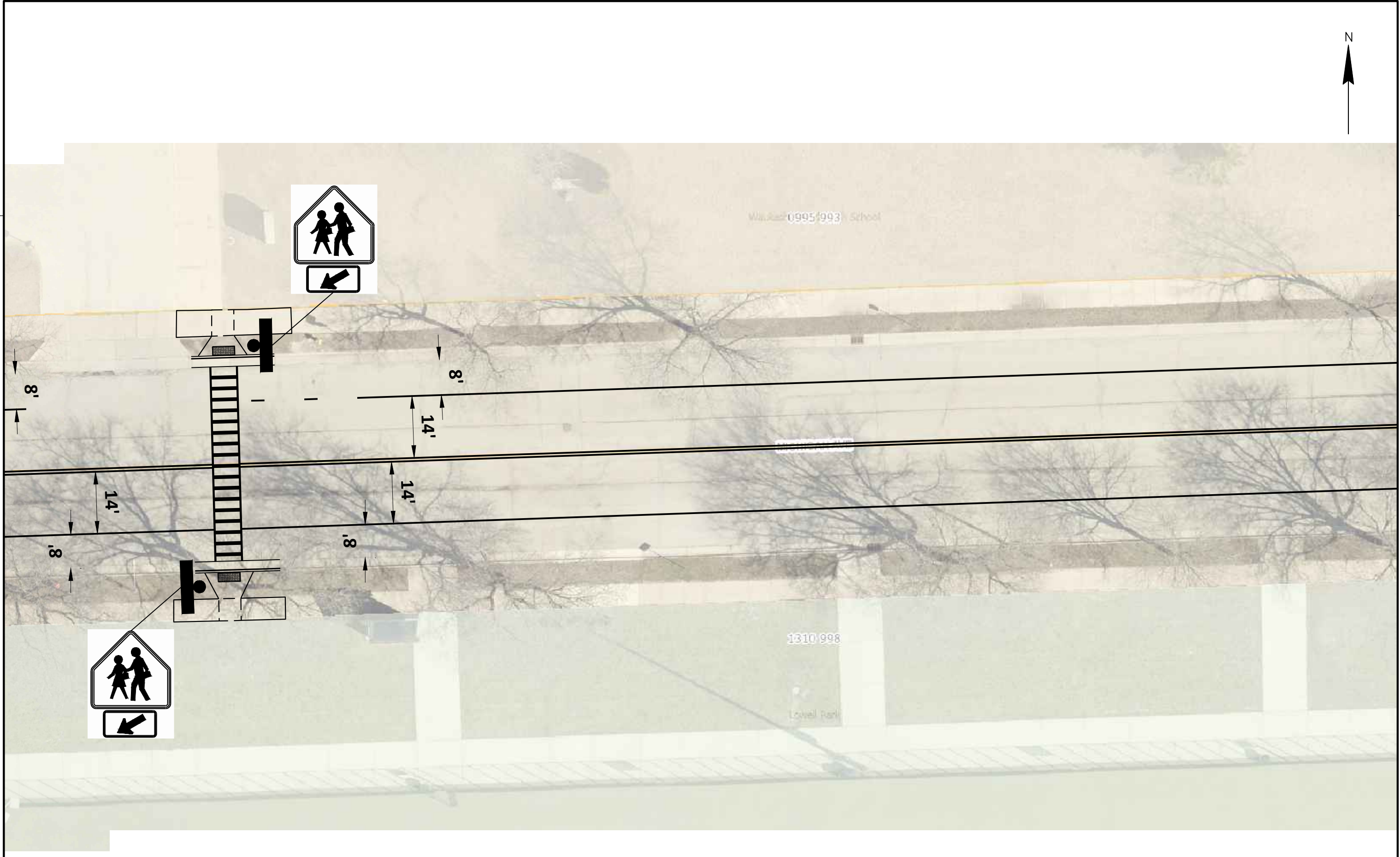
PLOT SCALE: 1 IN:20 FT
PLOT DATE: 6/30/2026 10:30 AM

SHEET NO. 3 OF 6
PROJECT NO: 2026-MICHIGAN

FILE NAME : C:\TRAFFIC ENG\Traffic Studies\Michigan at Waukesha North_Lowell Park\260624_Traffic Study\CAD\Michigan - Mackenzie to Greenmeadow.dwg



FILE NAME : C:\TRAFFIC ENG\Traffic Studies\Michigan at Waukesha North_Lowell Park\260624_Traffic Study\CAD\Michigan - Mackenzie to Greenmeadow.dwg



CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

MICHIGAN AVENUE - UNIVERSITY DRIVE TO GREENMEADOW DRIVE
SIGNING, PAVEMENT MARKING, CURB RAMPS

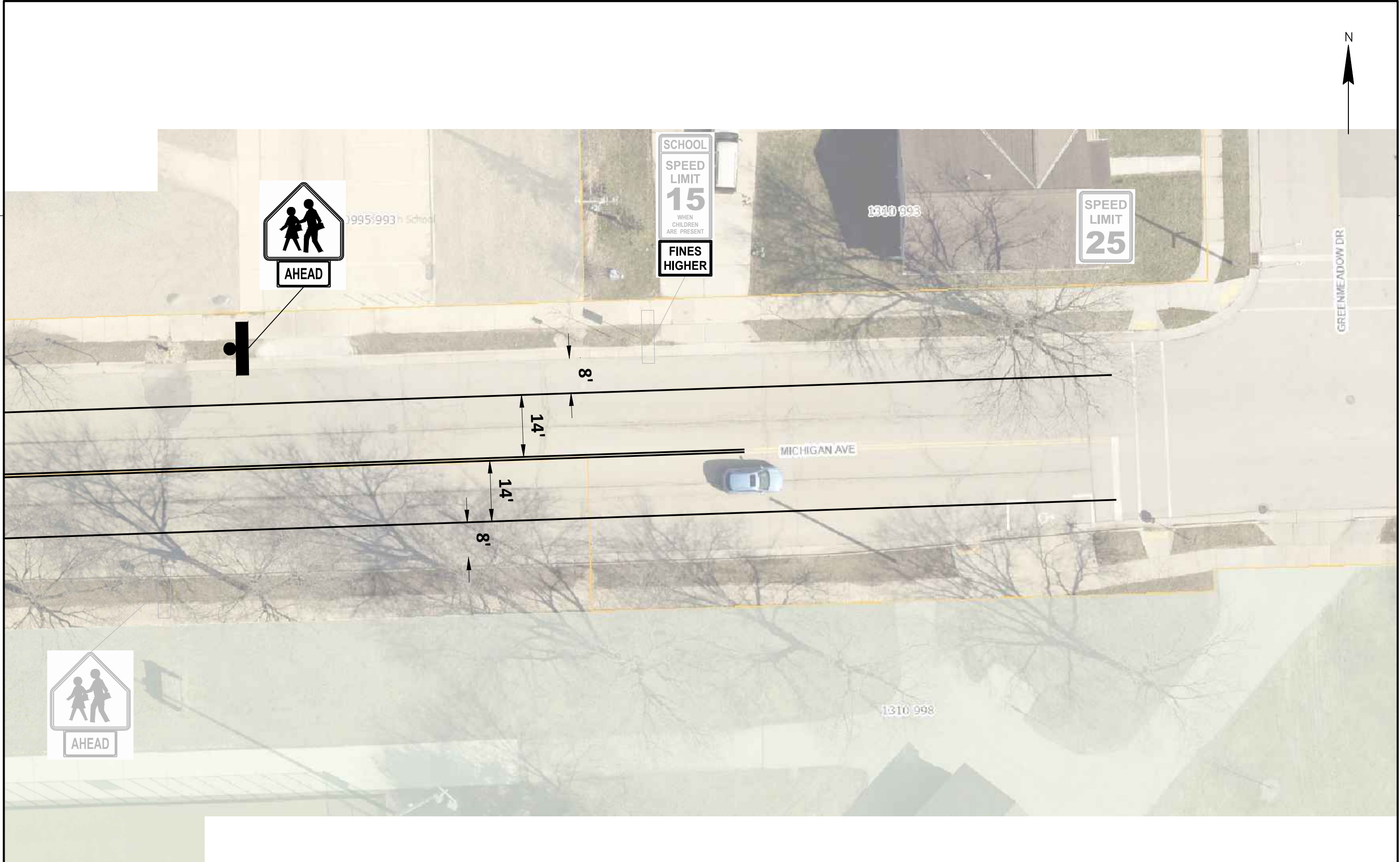
APPROVED: _____ DATE: _____
APPROVED: _____ DATE: _____

DRAWN BY: DJW
CHECKED BY: _____

PLOT SCALE : 1 IN:20 FT
PLOT DATE : 6/30/2026 10:30 AM

SHEET NO. 5 OF 6
PROJECT NO: 2026-MICHIGAN

FILE NAME : O:\TRAFFIC ENG\Traffic Studies\Michigan at Waukesha North_Lowell Park\260624_Traffic Study\CAD\Michigan - Mackenzie to Greenmeadow.dwg



CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS

MICHIGAN AVENUE - UNIVERSITY DRIVE TO GREENMEADOW DRIVE
SIGNING, PAVEMENT MARKING, CURB RAMP

APPROVED: _____ DATE: _____
APPROVED: _____ DATE: _____

DRAWN BY: DJW
CHECKED BY: _____

PLOT SCALE: 1 IN:20 FT
PLOT DATE: 6/30/2026 10:30 AM

SHEET NO. 6 OF 6
PROJECT NO: 2026-MICHIGAN

FILE NAME : O:\TRAFFIC ENG\Traffic Studies\Michigan at Waukesha North_Lowell Park\260624_Traffic Study\CAD\Michigan - Mackenzie to Greenmeadow.dwg