

2025 TRAFFIC SIGNAL PRIORITY LIST

In accordance with criteria adopted by the transportation commission and common council

				WARRANT 1-A				WARRANT 1-B				2024 Correctable CRASHES									
		Aldermanic District	Overall % Above Warrant	Major Street		Minor Street		Major Street		Minor Street		# With Property Damage Only	# With Personal Injuries	Crash Rate (MEV)	Pedestrian Warrant 4	Peak Hour Warrant 3	Peak Hour Warrant 3	4 Hour Warrant 2	Comments	SHARED JURISDICTION	
	Location			# Hrs.	% Met	# Hrs.	% Met	# Hrs.	% Met	# Hrs.	% Met				% Met	% Met					
	Intersections Studied Which MEET the Minimum Numerical Requirements of Warrants 1-A or 1-B.														% Met	% Met					
1	Packers Avenue & Wheeler (CV)	D-18	30	15	198	11	119	13	130	8	245	0	0	0.00	-	-78%	Y	Y-6 HRS	C, D, F	COUNTY	
2	Henry Mall & University Avenue & Campus Drive	D-5, 8	6	-	-	-	-	-	-	-	-	0	0	0.00	6%	N/A	N/A	N/A	D, E	COUNTY	
	All Way Stop Controlled Intersections Studied but DO NOT MEET the Minimum Numerical Requirements of either Warrant 1-A or Warrant 1-B														% Met	% Met					
1	American Pkwy, Hoepker & Rattman	D-17	-22	6	94	5	84	0	62	8	167	2	2	0.65	-	-	N	N-1 HRS	F	SUN PRAIRIE	
2	Swanton & Thompson	D-3	-22	2	78	8	153	0	52	8	307	1	0	0.13	-	-	Y	Y-4 HRS	C	-	
3	Agriculture & Femrite	D-16	-27	7	106	2	73	0	64	8	162	1	0	0.17	-	-69%	N	N-0 HRS	-	-	
4	High Point & Midtown	D-1,20	-30	3	70	8	111	0	47	8	223	0	0	0.00	-	-	Y	Y-6 HRS	B, C, D	-	
5	Old Middleton & Old Sauk	D-19	-36	12	115	0	44	3	77	4	87	0	0	0.00	-	-	N	N-0 HRS	B, C, F	-	
6	Commercial & North	D-12	-41	0	59	5	113	0	33	8	239	0	0	0.00	-	-	N	N-0 HRS	D	-	
7	Buckeye (AB) & Vondron	D-16	-50	5	70	3	70	0	50	7	124	0	0	0.00	-	-	N	N-0 HRS	-	COUNTY	
8	Struck St. & Watts Rd.	D-19	-54	1	56	4	90	0	35	8	217	0	0	0.00	-	-	N	N-0 HRS	D	-	
9	Cross Country Rd - Maple Grove Dr - Nesbitt Rd	D-7	-55	4	66	7	79	0	44	8	157	1	2	0.63	-	-	N	N-3 HRS	-	-	
10	Bedford & Main	D-4	-69	0	57	0	55	0	31	5	127	0	0	0.00	-	-	N	N-0 HRS	-	-	
11	MLK Jr. & Wilson	D-4	-76	4	69	0	39	0	46	4	78	0	0	0.00	-	-	N	N-0 HRS	-	-	
12	Commercial & Nakoosa	D-3	-78	0	33	0	55	0	22	7	110	0	0	0.00	-	-	N	N-0 HRS	-	-	
	Side Street Stop Controlled Intersections Studied but DO NOT MEET the Minimum Numerical Requirements of either Warrant 1-A or Warrant 1-B.														% Met	% Met					
1	Junction & Driveway at Target	D-9	-1	13	209	0	50	12	139	7	99	0	0	0.00	-	-84%	N	N-3 HRS	D E	-	
2	Packers & Sixth	D-12	-2	19	353	0	50	17	235	7	98	1	0	0.08	-99%	-88%	N	Y-6 HRS	B, C, D	WISDOT	
3	Carroll & Gorham	D-2, 4	-3	16	178	0	51	11	162	8	97	0	1	0.12	-	-	N	N-0 HRS	E F	-	
4	Cottage Grove (CTH BB) & Thompson	D-3, 16	-16	13	154	0	44	6	92	3	92	1	0	0.20	-	-	N	N-3 HRS	F	COUNTY	
5	Formed & Sherman	D-12	-18	10	135	4	82	1	73	8	194	0	0	0.00	-	-	Y	Y-5 HRS	A C E	-	
6	D'Onofrio & West Towne Way	D-9	-20	3	89	0	91	0	59	7	189	0	0	0.00	-99%	-63%	N	N-1 HRS	B, D, F	-	
7	Broadway & Collins & Dutch Mill	D-16	-21	13	191	0	40	11	127	1	79	0	0	0.00	-	-61%	N	N-0 HRS	A, C, D, F	-	
8	Dickinson & Williamson	D-6	-25	13	123	0	40	9	94	0	81	0	0	0.00	-	-	N	N-0 HRS	A, D, E	-	
9	Butler & Gorham	D-2	-25	14	106	0	48	11	112	1	95	0	0	0.00	-	-	N	N-1 HRS	B	-	
10	Franklin & Johnson	D-2	-25	15	321	0	29	12	214	0	75	1	0	0.09	-	-	N	N-0 HRS	E	-	
11	City View & High Crossing Blvd. & Lancaster	D-17	-25	12	144	0	47	4	75	3	115	0	1	0.18	-99%	-78%	N	N-2 HRS	D, F	-	
12	Gammon & McKenna & New Washburn	D-20	-26	17	260	0	34	16	173	3	74	0	0	0.00	-	-82%	N	N-0 HRS	C, D, E, F	-	
13	Fair Oaks St. & WB HWY 30 Offramp & Commercial	D-12	-28	9	79	2	44	1	72	8	117	3	3	1.39	-100%	-	N	N-3 HRS	A, B, C, E, F	WISDOT	
14	Old Middleton & Rosa	D-11, 19	-31	11	107	0	51	3	69	4	112	0	0	0.00	-	-	N	N-2 HRS	C, F	-	
15	Schroeder & Struck	D19, 20	-33	12	123	3	61	7	119	6	67	1	0	0.26	-	-	N	N-0 HRS	D	-	
16	Edgewood & Monroe	D-13	-36	13	169	0	35	7	91	6	73	0	0	0.00	-57%	-74%	N	N-0 HRS	B, C, E, F	-	
17	Cottage Grove & Ellen	D-3, 16	-38	14	164	0	31	10	109	1	62	0	0	0.00	-	-	N	Y-4 HRS	D E	COUNTY	
18	Bedford & North Shore	D-4	-38	15	173	0	31	12	115	1	62	0	1	0.11	-	-	N	N-0 HRS	D E	WISDOT	
19	Gammon Road & Temvo Lane & Vel Phillips HS	D-9, 19	-39	14	166	0	33	10	69	2	92	0	0	0.00	-62%	-66%	N	N-0 HRS	C, D	-	
20	Mesta & Thompson	D-9, 19	-40	10	105	0	33	5	84	0	76	0	0	0.00	-	-	N	N-0 HRS	F	-	
21	Doty & Pickney	D-4	-43	12	142	0	32	6	80	1	77	0	0	0.00	-	-	N	N-0 HRS		-	
22	High Crossing Blvd & Cross Hill	D-17	-43	13	163	0	29	9	116	1	57	0	3	0.51	-	-84%	N	N-0 HRS	A, B, C, D, E	-	
23	Atwood, Miller & Waubesa	D-15	-44	16	241	0	28	12	161	0	56	0	0	0.00	-	-	N	N-0 HRS	A E	-	
24	Elderberry & Junction	D-9	-45	13	228	0	31	12	81	3	74	0	0	0.00	-	-	N	N-0 HRS	D	-	
25	Cedar Street & Fish Hatchery	D-13	-47	15	186	0	27	13	127	0	53	0	0	0.00	-	-	N	N-0 HRS	A E F	COUNTY	
26	Blackhawk, Erdman & University (CTH MS)	D-5	-47	18	710	0	26	17	473	0	53	0	0	0.00	-89%	-	N	N-0 HRS	C, D, E, F	COUNTY, SHOREWOOD HILLS	
27	East Washington Ave & Lexington Ave	D-12, 15	-47	18	417	0	27	17	278	0	53	0	0	0.00	0%	-	N	N-0 HRS	D, E	WISDOT	
28	Odana & Medical Circle	D-19	-48	14	220	0	26	11	147	0	52	0	1	0.17	-	-	N	N-0 HRS	D	-	
29	McKenna & Morraine View	D-20	-48	15	186	0	26	12	124	0	52	1	0	0.13	-	-	N	N-0 HRS	-	-	
30	Lien & Thierer	D-17	-49	2	82	2	69	0	49	8	162	0	0	0.00	-	-	N	N-0 HRS	-	-	
31	Dickinson & East Washington	D-6	-50	19	601	0	25	17	400	0	50	0	2	0.10	-	-	Y	N-2 HRS	A E	WISDOT	
32	South High Point - Stratton Way	D-7	-50	7	84	3	55	5	50	8	130	0	0	0.00	-	-	N	N-0 HRS	D, E	-	
33	Gammon, Longmeadow & Stonefield	D-19	-51	12	165	0	29	2	115	0	49	0	0	0.00	-	-	N	N-0 HRS	D E	-	
34	Milwaukee & Waubesa	D-15	-52	6	91	0	41	0	54	5	94	0	0	0.00	-	-	N	N-0 HRS	-	-	
35	Packers & Schlimgen	D-12	-53	20	409	0	24	19	273	1	47	1	0	0.06	-	-90%	N	N-0 HRS	D, E, F	WISDOT	
36	Broom & Dayton	D-4	-53	7	92	0	41	0	59	2	88	0	1	0.25	-	-	N	N-0 HRS	D, E, F	-	
37	Milwaukee & Schenk	D-15	-53	14	170	0	24	11	113	4	47	0	0	0.00	-	-	N	N-1 HRS	E	-	
38	Carroll & Doty	D-4	-53	12	135	0	25	5	102	3	47	0	0	0.00	-	-	Y	N-3 HRS	E	-	
39	Sherman & Trailsway	D-12	-53	11	151	0	31	3	82	0	65	0	1	0.17	-	-	N	N-0 HRS	-	-	
40	Milwaukee & Thompson	D-3	-56	4	72	4	57	0	49	6	95	0	0	0.00	-98%	-82%	N	N-0 HRS	C, D	-	
41	Milwaukee - Walbridge	D-3	-56	13	139	0	23	7	139	0	44	1	0	0.15	-	-69%	N	N-3 HRS	A, B, C, D, E	-	
42	Carroll & Dayton	D-4	-56	5	95	0	39	0	90	4	54	0	0	0.00	-	-	N	N-0 HRS	E F	-	
43	Milwaukee-Wittwer	D-3	-57	14	183	0	22	9	122	2	43	0	0	0.00	-	-95%	N	N-0 HRS	D	-	
44	Marquette & Milwaukee	D-6	-57	13	162	0	23	7	123	0	41	0	0	0.00	-	-	N	N-0 HRS	F	-	
45	Milwaukee & Oak	D-15	-59	6	91	0	41	0	60	0	81	0	0	0.00	-	-76%	N	N-0 HRS	F	-	
46	Cottage Grove (CTH BB) & Maher	D-15	-59	13	163	0	21	6	108	0	41	0	0	0.00	-	-	N	N-0 HRS	D, E	COUNTY	
47	East Washington Ave & Second Street	D-6, 12	-60	19	278	0	20	17	185	0	40	0	0	0.00	-	-	N	N-0 HRS	D, E	WISDOT	
48	Hill Drive & Whitney Way	D-11	-60	13	231	0	20	12	154	0	40	0	0	0.00	-	-	N	N-0 HRS	C, D, E	-	
49	Cottage Grove Road & Meadowlark Dr	D-3, 16	-61	14	192	0	19	13	128	0	39	0	0	0.00	-	-84%	N	N-0 HRS	C, D	COUNTY	
50	Main & Proudfit	D-4, 13	-61	15	174	0	19	12	116	0	39	0	0	0.00	-90%	-	N	N-0 HRS	A, D, E, F	WISDOT	

	Location	Aldermanic District	Overall % Above Warrant	WARRANT 1-A				WARRANT 1-B				2024 Correctable CRASHES			Pedestrian Warrant 4	Peak Hour Warrant 3	Peak Hour Warrant 3	4 Hour Warrant 2	Comments	SHARED JURISDICTION
				Major Street		Minor Street		Major Street		Minor Street		# With Property Damage Only	# With Personal Injuries	Crash Rate (MEV)						
				# Hrs.	% Met	# Hrs.	% Met	# Hrs.	% Met	# Hrs.	% Met									
51	Knickerbocker & Monroe	D-13	-61	14	289	0	19	12	192	0	39	1	0	0.14	-	-	N	N-0 HRS	A D E	-
52	Odana Ct. & Odana Rd	D-11	-61	14	149	0	20	11	99	0	40	0	0	0.00	-	-	N	N-0 HRS	A, C, D, E	-
53	Packers Ave. & Tennyson Ln.	D-18	-61	14	162	0	19	11	108	0	39	0	0	0.00	-	-	N	N-0 HRS	D, E, F	COUNTY
54	Monona (CTH BB), Panther & Tompkins	D-15	-62	15	294	0	21	14	175	0	38	1	0	0.09	-	-	N	N-0 HRS	A B E F	COUNTY, MONONA
55	Atwood - Sugar - Oakridge	D-15	-63	14	151	0	19	12	101	0	37	0	0	0.00	-	-95%	N	N-0 HRS		-
56	Knutson-Northport	D-18	-64	13	197	0	18	13	131	0	36	1	0	0.10	-	-	N	N-0 HRS	E F	WISDOT
57	Few & Williamson	D-6	-64	15	181	0	20	10	89	0	47	0	0	0.00	-	-	N	N-0 HRS	A E	-
58	East Park Blvd & East Terrace Dr	D-17	-64	4	54	3	69	0	36	6	137	1	2	0.69	-	-	N	N-0 HRS	D F	-
59	Marsh & Siggelkow	D-16	-64	3	67	2	43	0	40	6	96	1	0	0.34	-	-	N	N-1 HRS	D	McFARLAND
60	Gorham & Livingston	D-6	-64	14	158	0	18	12	93	0	43	0	0	0.00	-	-	N	N-0 HRS	D, E	-
61	Carver & Fish Hatchery (CTH D)	D-13, 14	-65	17	270	0	18	14	180	0	35	0	0	0.00	-	-88%	N	N-0 HRS	D	COUNTY
62	Raymond Rd & S. Gammon Rd	D-7, 20	-65	2	55	2	74	0	35	8	167	0	1	0.46	-	-	N	N-1 HRS	A, B, C, D, E	-
63	Odana & West Platte	D-19	-68	14	214	0	16	11	142	0	32	0	0	0.00	-	-	N	N-0 HRS	A B D E F	-
64	Fairchild & Mifflin	D-4	-68	7	98	0	34	0	65	3	67	0	0	0.00	-	-	N	N-0 HRS		-
65	Big Sky, Mineral Point & Tree	D-9	-68	16	400	0	16	16	267	0	32	0	0	0.00	-	-	N	N-0 HRS	A C E F	COUNTY
66	Vel Phillips Memorial HS Driveway & Mineral Point Road	D-19	-69	16	224	0	16	15	149	1	31	0	0	0.00	-	-95%	N	N-4HRS	C, D, E, F	COUNTY
67	Gorham & Henry	D-2, 4	-69	16	229	0	16	15	153	0	31	0	0	0.00	-	-	N	N-0 HRS	E	-
68	Cottage Grove (CTH BB) & Mc Lean	D-3, 16	-69	11	109	0	29	5	73	0	58	0	0	0.00	-	-	N	N-0 HRS	D, E, H	COUNTY
69	Raymond Rd & Muir Field	D-7, 20	-71	2	55	2	59	0	29	6	144	0	0	0.00	-	-	N	N-1 HRS	A, B, C, D, E	-
70	Raymond - South High Point	D-7	-71	0	43	3	68	0	29	7	136	0	0	0.00	-	-	N	N-2 HRS	C, D, F	-
71	Badger & Cypress	D-14	-72	1	90	0	33	0	49	3	79	0	0	0.00	-	-	N	N-0 HRS		-
72	Mandrake & Northport	D-18	-73	16	204	0	14	15	136	0	27	0	0	0.00	-	-	N	N-0 HRS		WISDOT
73	Gilbert & Whitney	D-10, 20	-73	16	192	0	13	12	128	0	27	0	1	0.13	-	-	N	N-0 HRS	A D E F	-
74	Fish Hatchery Road (CTH D) & Martin Street	D-14	-73	15	183	0	13	13	122	0	27	0	0	0.00	-64%	-	N	N-0 HRS	C, D, E	County
75	American Parkway & Tancho	D-17	-76	6	96	0	28	1	55	1	69	0	0	0.00	-	-	N	N-0 HRS	D E F	-
76	Gammon , Ponwood & Sawmill	D-19	-77	13	137	0	16	7	91	0	32	0	0	0.00	-	-	N	N-0 HRS		-
77	Aberg & Huxley	D-12	-78	9	107	0	22	1	79	2	40	0	0	0.00	-	-	N	N-0 HRS	F	-
78	Packers & Scott	D-18	-79	9	116	0	21	2	77	0	43	1	0	0.17	-	-	N	N-0 HRS	B, C, D, E	COUNTY
79	Kelab & Segoe	D-11	-79	8	99	0	22	0	66	0	44	0	0	0.00	-	-	N	N-0 HRS	E F	-
80	Eau Claire & Old Middleton	D-11, 19	-79	13	122	0	16	6	80	0	41	0	0	0.00	-	-	N	N-0 HRS		-
81	Blue Ridge & Old Sauk	D-19	-80	9	161	0	20	2	70	0	42	0	0	0.00	-	-	N	N-0 HRS		-
82	East Pass, Maple Grove & Westin	D-7	-82	4	80	0	33	2	53	2	65	0	0	0.00	-	-	N	N-0 HRS		-
83	McKenna & Pilgrim	D-20	-82	6	82	0	36	2	64	1	49	0	0	0.00	-	-	N	N-0 HRS		-
84	Gammon & Farmington Way	D-9, 19	-82	14	220	0	11	10	122	0	18	0	0	0.00	-	-	N	N-0 HRS		-
85	Forward & Schroeder	D-19, 20	-83	3	105	0	17	0	53	1	64	0	0	0.00	-	-	N	N-0 HRS	B, C, D	-
86	Mineral Point Road (CTH S) & Owens	D-5, 11	-83	13	168	0	15	5	87	0	30	0	0	0.00	-	-	N	N-0 HRS	A, B, E	COUNTY
87	Johnson & Sixth	D-12	-83	0	75	0	34	0	51	0	66	0	0	0.00	-	-	N	N-0 HRS		-
88	Commercial (CTH T) & Mesta	D-3, 17	-83	5	88	0	29	0	59	0	57	0	0	0.00	-	-	N	N-0 HRS		COUNTY
89	Hancock St & Johnson ST	D-2	-84	15	0	0	0	13	97	0	13	0	0	0.00	-	-	N	N-0 HRS		-
90	Milwaukee & Swanton	D-3	-85	10	108	0	15	2	72	0	31	0	1	0.19	-	-	N	N-0 HRS	A E F	-
91	Hammersley & McKenna	D-20	-85	11	153	0	7	8	102	0	15	0	0	0.00	-	-80%	N	N-0 HRS	F	-
92	New Washburn & South High Point	D-1, 20	-86	12	117	0	14	6	90	0	20	0	0	0.00	-	-	N	N-0 HRS	D, E	-
93	Roth & Sherman	D-12	-86	14	121	0	7	11	107	0	14	0	0	0.00	-	-	N	N-0 HRS	F	-
94	Cottage Grove (CTH BB) & McClellan	D-3, 16	-88	6	94	0	18	2	65	0	29	0	0	0.00	-	-	N	N-0 HRS		COUNTY
95	Regent (CTH S) & Roby	D-5	-88	13	190	0	7	8	106	0	12	0	0	0.00	-	-	N	N-0 HRS		COUNTY
96	Darwin Rd. & International Ln	D-12, 18	-92	0	43	0	38	0	19	1	89	1	0	0.19	-	-	N	N-0 HRS	C, D	-
97	Marcy Road & Troy Drive	D-18	-92	4	93	0	15	0	62	0	29	0	0	0.00	-	-	N	N-0 HRS	B, C, D	-
98	Mineral Point (CTH S) - Westmoreland	D-5, 11	-93	12	125	0	7	5	83	0	14	0	0	0.00	-	-	N	N-0 HRS	C, D, E	COUNTY
99	Bear Claw & Old Sauk Rd	D-9	-95	0	71	0	29	0	57	0	48	0	0	0.00	-	-	N	N-0 HRS	C, D	-
100	Corporate Dr & Blettner	D-15	-95	3	68	0	30	0	45	3	60	0	0	0.00	-	-	N	N-0 HRS		-
101	Odana & Segoe	D-11	-95	12	103	0	5	5	83	0	16	0	0	0.00	-	-	N	N-0 HRS		-
102	Buckeye (CTH AB) & Thompson	D-16	-104	3	72	0	24	0	48	2	47	1	0	0.31	-	-	N	N-0 HRS		COUNTY
103	Midtown Rd. & Red Tail Dr. & Woods Rd.	D-1	-105	0	35	1	31	0	24	2	71	0	0	0.00	-	-	N	N-0 HRS	D	-
104	Gilman & Wisconsin	D-2	-110	0	44	0	31	0	29	2	61	0	0	0.00	-	-	N	N-0 HRS	C, D, E	-
105	Hoepker Rd & Manufacturers	D-17	-116	3	61	0	21	0	41	1	43	0	0	0.00	-	-	N	N-0 HRS	D	-
106	Hickory & Olin	D-13	-121	0	70	0	9	0	47	0	17	0	0	0.00	-	-	N	N-0 HRS	C, D	-
107	Marston & Sherman	D-6	-122	3	67	0	11	0	41	0	25	0	0	0.00	-	-	N	N-0 HRS		-
108	Jeffy & Midtown	D-1	-127	1	59	0	15	0	49	0	29	0	0	0.00	-	-	N	N-0 HRS		-
109	Midtown, Hawks Landing & Hawks Ridge	D-1	-129	0	47	0	20	0	29	0	42	0	0	0.00	-	-	N	N-0 HRS		-
110	Mayfield & Sherman	D-18	-132	1	64	0	4	0	40	0	13	0	0	0.00	-	-	N	N-0 HRS		-
111	Sharpsburg & Sprecher & Wyalusing	D-3, 16	-	-	-	-	-	-	-	-	-	0	0	0.00	-	-	-	-	D	-

Warrant 1-A: Eight-Hour Vehicular Volume: Condition A-Minimum Vehicular Volume

Warrant 1-B: Eight0Hour Vehicular Volume: Condition B-Interruption of Continuous Traffic

Y=Yes N=No

Crash Rate: Number of accidents "preventable" with traffic signals per million entering vehicles.

Peak Hour Warrant A: Total vehicle hours of delay is listed for intersections where delay data was collected.

4-Hour Warrant: Number of hours shown are those that exceed the volume thresholds.

The intersections that do not meet the minimum numerical Warrant are listed in order of "closeness" to meeting either Warrant 1-A or Warrant 1-B.

Both the Major and Minor street volumes must meet 100% of the minimum Warrant in order to be classified as "meeting the minimum numerical Warrant."

Highlighted rows indicate locations requested during the year of the report title.

Key to Comments:

A = Signal coordination problems

B = Geometric problems

C = Intersection reconstruction needs to be considered.

D = Part of cost could be assessed to benefitting property owners.

E = Coordination with adjacent signals is necessary.

F = "Side Street" volumes adjusted for high right-turn percentage.

G = Railroad Interconnect Required