

ENROLLED ORDINANCE 180-78

MODIFY SPEED ZONE ON CTH S FROM STH 67 TO STH 59

WHEREAS, Wisconsin Statutes §349.11 permits local authorities to modify speed restrictions within statutory guidelines; and

WHEREAS, in response to public inquiries, the Waukesha County Department of Public Works finds it appropriate, pursuant to Wisconsin Statutes §346.57(4)(h) and §349.11(1)(a) and (3)(c), to modify the speed limit to 45 mph in both directions of County Trunk Highway S from State Trunk Highway 67 to State Trunk Highway 59; and

WHEREAS, a speed study conducted by the Waukesha County Department of Public Works in July of 2025 at the Kettle Moraine State Forest Trail crossing produced an 85th percentile speed of 47.0 mph; and


WHEREAS, the Traffic Engineering Operations and Safety Manual (TEOpS) Chapter 13-5-7 recommends speed limits to be within 5 mph of free flow speed; and

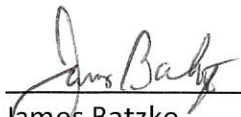
THE COUNTY BOARD OF SUPERVISORS OF THE COUNTY OF WAUKESHA ORDAINS that the speed zone along both directions of County Trunk Highway S in the Town of Eagle is modified to forty-five (45) miles per hour from the intersection of State Trunk Highway 67 to the intersection of State Trunk Highway 59; and

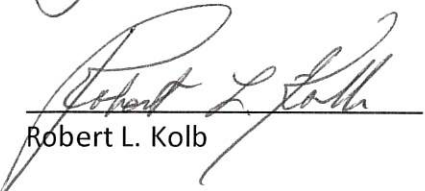
BE IT FURTHER ORDAINED that this ordinance rescinds all previous speed restrictions for the above-described portion of the County Trunk Highway System.

DPW MODIFY SPEED ZONE ON CTH S FROM STH 67 TO STH 59

Presented by:
Public Works Committee

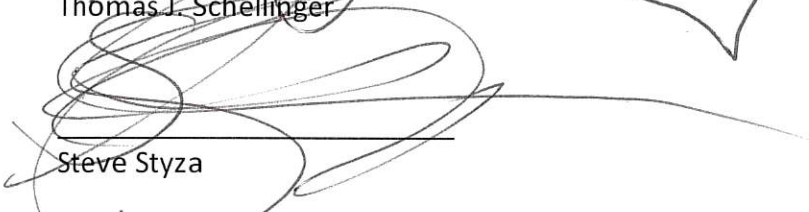

Keith Hammitt, Chair

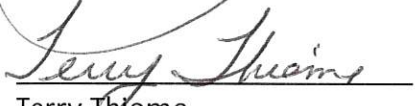

James Batzko


Robert L. Kolb



Chris Mommaerts


Thomas J. Schellinger


Steve Styza


Terry Thieme

The foregoing legislation adopted by the County Board of Supervisors of Waukesha County, Wisconsin, was presented to the County Executive on:

Date: 3-27-2026, 
Margaret Wartman, County Clerk

The foregoing legislation adopted by the County Board of Supervisors of Waukesha County, Wisconsin, is hereby:

Approved: X
Vetoed: _____

Date: 4/7/2026, 
Paul Farrow, County Executive

Waukesha County DPW

Memorandum

To: Waukesha County Board
From: Waukesha County DPW

MODIFY SPEED ZONE ON CTH S FROM STH 67 TO STH 59

The evaluation of the speed limit on County Trunk Highway S (CTH S) from State Trunk Highway 67 (STH 67) to State Trunk Highway 59 (STH 59) was initiated following concerns raised by a Waukesha County citizen. Based on a traffic and engineering investigation completed by the Waukesha County Department of Public Works under Wis. Stat. § 349.11(1)(a) (outlying district per Wis. Stat. § 346.57(1)(ar)), the Department recommends reducing the posted speed limit on this segment of CTH S from 55 mph to 45 mph.

In a 2025 speed study of CTH S conducted in July, one location was evaluated approximately 0.8 miles north of STH 67 near the Kettle Moraine State Forest CTH S parking lot. The average motorist speed was recorded at 38.1 mph, with an 85th percentile speed of 47.0 mph. This places the proposed 45 mph posted speed within 5 mph of the observed 85th percentile speed, consistent with the Traffic Engineering Operations and Safety Manual (TEOpS) Chapter 13-5-7, which recommends speed limits be within 5 mph of the free-flow speed.

In Wisconsin Administrative Code Trans 205.03, Table (b), a roadway with a design speed of 55 or 60 mph should provide 12-foot travel lanes. If the design speed is reduced to 50 mph (consistent with a 45 mph posted speed), the typical lane width criterion is 11 feet, which better matches the existing lane widths on CTH S. In addition, much of the corridor is marked no passing due to vertical sight distance restrictions, and the segment includes a posted equestrian crossing, both of which support a lower posted speed.

Overall, reducing the posted speed limit on CTH S (STH 67 to STH 59) to 45 mph would better align the posted speed with observed free-flow operating speeds and improve safety for motorists. This change is also expected to improve safety for equestrian users and adjacent land users by reducing the speed differential.



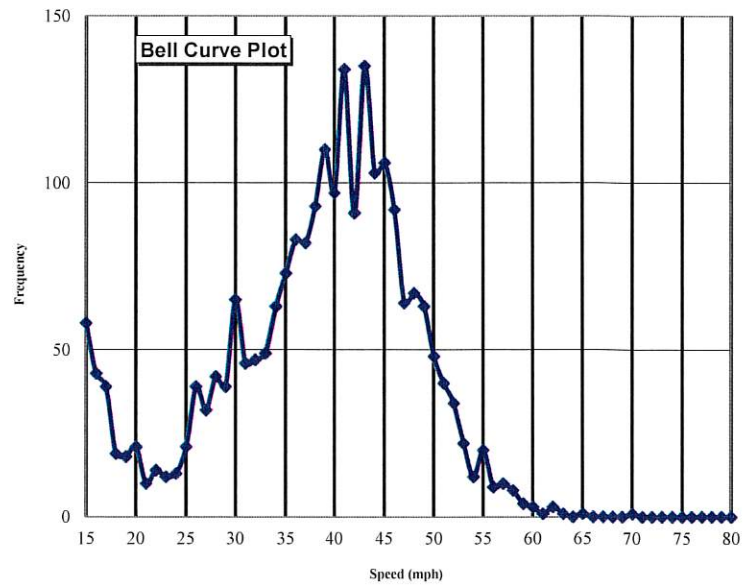
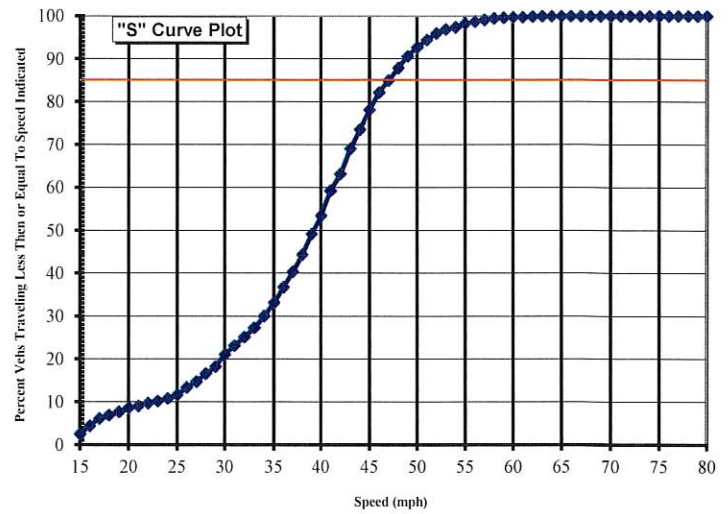
Date:	7/28/2025-8/4/2025	Hwy:	S	Direction:	BOTH	SUMMARY OF VEHICLES BY TYPE:	
Time:		Location:	S1	Posted Speed:	55		Passenger = 100.0%
Observer(s):	Highway Ops		Eagle Trails	Weather:	0		Trucks = 0.0%
		County:	Waukesha	Pav't Condition:	0		Buses = 0.0%

STUDY RESULTS

AVERAGE SPEED	50th PERCENTILE	85th PERCENTILE	PACE SPEED RANGE
38.1	39.2	47.0	37.0 to 46.0

% In Pace = 45.3%
% Over Pace = 17.9%
% Under Pace = 36.8%

SPEED RANGE	No. VEHICLES (f)	Speed * #	CUMM No. VEHICLES	CUMM %
15	58	870	58	2.5
16	43	688	101	4.4
17	39	663	140	6.1
18	19	342	159	6.9
19	18	342	177	7.7
20	21	420	198	8.6
21	10	210	208	9.0
22	14	308	222	9.7
23	12	276	234	10.2
24	13	312	247	10.7
25	21	525	268	11.7
26	39	1014	307	13.3
27	32	864	339	14.7
28	42	1176	381	16.6
29	39	1131	420	18.3
30	65	1950	485	21.1
31	46	1426	531	23.1
32	47	1504	578	25.1
33	49	1617	627	27.3
34	63	2142	690	30.0
35	73	2555	763	33.2
36	83	2988	846	36.8
37	82	3034	928	40.3
38	93	3534	1021	44.4
39	110	4290	1131	49.2
40	97	3880	1228	53.4
41	134	5494	1362	59.2
42	91	3822	1453	63.2
43	135	5805	1588	69.0
44	103	4532	1691	73.5
45	106	4770	1797	78.1
46	92	4232	1889	82.1
47	64	3008	1953	84.9
48	67	3216	2020	87.8
49	63	3087	2083	90.6
50	48	2400	2131	92.7
51	40	2040	2171	94.4
52	34	1768	2205	95.9
53	22	1166	2227	96.8
54	12	648	2239	97.3
55	20	1100	2259	98.2
56	9	504	2268	98.6
57	10	570	2278	99.0
58	8	464	2286	99.4
59	4	236	2290	99.6
60	3	180	2293	99.7
61	1	61	2294	99.7
62	3	186	2297	99.9
63	1	63	2298	99.9
64	0	0	2298	99.9
65	1	65	2299	100.0
66	0	0	2299	100.0
67	0	0	2299	100.0
68	0	0	2299	100.0
69	0	0	2299	100.0
70	1	70	2300	100.0
71	0	0	2300	100.0
72	0	0	2300	100.0
73	0	0	2300	100.0
74	0	0	2300	100.0
75	0	0	2300	100.0
76	0	0	2300	100.0
77	0	0	2300	100.0
78	0	0	2300	100.0
79	0	0	2300	100.0
80	0	0	2300	100.0
	2300			




N:\DPW\Engineer\Traffic\13 - Speed Limits & Parking Regulation\Speed Studies by Location\CTH S S1 S1 Speed Study_2025 [CTH S Speed Study @ Eagle Trail.xlsx]RE

VOTE RESULTS

Consent Agenda

23 AYE 0 NAY 0 ABSTAIN 2 ABSENT

19 Yes Votes Needed

 **Passed**

D1 - Styza	AYE	D10 - Thieme	ABSENT	D19 - Enriquez	AYE
D2 - Euclide	AYE	D11 - Howard	AYE	D20 - Schellinger	AYE
D3 - Gscheidmeier	AYE	D12 - Wolff	AYE	D21 - Gaughan	AYE
D4 - Batzko	AYE	D13 - Leisemann	AYE	D22 - Szpara	AYE
D5 - Dondlinger	AYE	D14 - Mommaerts	AYE	D23 - Hammitt	M AYE
D6 - Walz	AYE	D15 - Kolb	AYE	D24 - Schroeder	ABSENT
D7 - LaFontain	S AYE	D16 - Crowley	AYE	D25 - Johnson	AYE
D8 - Koremenos	AYE	D17 - Meier	AYE		
D9 - Heinrich	AYE	D18 - Nelson	AYE		

