

ENROLLED ORDINANCE 180-28

MODIFY SPEED ZONES ON THE NORTH, EAST, AND WEST APPROACHES AT THE INTERSECTION OF CTH KE (NORTH SHORE DRIVE) AND CTH E (MAPLE AVENUE)

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

WHEREAS, Waukesha County maintains jurisdiction over the north, east, and west leg of the intersection of CTH KE (North Shore Drive) and CTH E (Maple Avenue), while the Town of Delafield maintains jurisdiction over the south leg; and

WHEREAS, the Town of Delafield is pursuing a speed limit modification on the south approach at the intersection of CTH KE (North Shore Drive) and CTH E (Maple Avenue); and

WHEREAS, the Department of Public Work's Capital Highway Project #202520 has been awarded federal funding for the construction of a compact roundabout at the intersection of CTH KE and CTH E; and

WHEREAS, a reduction in intersection approach speed limit will benefit the intersection safety of the proposed compact roundabout by improving the transitional speed reduction; and

WHEREAS, constructing a compact roundabout at the intersection will minimize impacts outside of the existing intersection footprint; and

WHEREAS, the Waukesha County Department of Public Works finds it appropriate, pursuant to Wisconsin Statutes § 346.57(4)(f) and § 349.11(1)(a) and (3)(c), to modify the speed zone to thirty-five (35) mph in both directions of CTH KE from 0.3 miles west of the centerline of CTH E to 0.3 miles east of the centerline of CTH E; and

WHEREAS, the Waukesha County Department of Public Works finds it appropriate, pursuant to Wisconsin Statutes § 346.57(4)(f) and § 349.11(1)(a) and (3)(c), to modify the speed zone to thirty-five (35) mph in both directions of CTH E from the centerline of CTH KE to 0.3 miles north of the centerline of CTH KE; and

THE COUNTY BOARD OF SUPERVISORS OF THE COUNTY OF WAUKESHA ORDAINS that the speed zone along both directions of County Trunk Highway CTH KE in the Village of Hartland and Town of Delafield is modified to thirty-five (35) mph from 0.3 miles west of the centerline of CTH E to 0.3 miles east of the centerline of CTH E and that the speed zone along both directions of County Trunk Highway CTH E in the Village of Hartland is modified to thirty-five (35) mph from the centerline of CTH KE to 0.3 miles north of the centerline of CTH KE; and

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

MODIFY SPEED ZONES ON THE NORTH, EAST, AND WEST APPROACHES AT THE INTERSECTION OF  
CTH KE (NORTH SHORE DRIVE) AND CTH E (MAPLE AVENUE)

Presented by:  
Public Works Committee

  
Keith Hammitt, Chair

  
James Batzko

  
Robert L. Kolb

**Absent**

Chris Mommaerts

**Absent**


Thomas J. Schellinger

  
Steve Styza

  
Terry Thome

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

Date: 08-29-2025

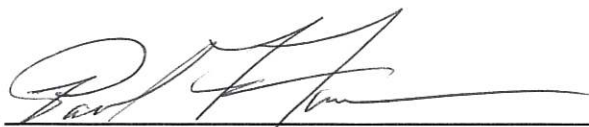
  
Jennifer Moore, deputy  
Margaret Wartman, County Clerk

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

Approved: X

Vetoed: \_\_\_\_\_

Date: 8/29/2025

  
Paul Farrow, County Executive

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# Waukesha County DPW

## Memorandum

To: Waukesha County Board  
From: Waukesha County DPW

### MODIFY SPEED ZONES ON ALL APPROACHES ON THE CTH KE/E INTERSECTION

The primary concern regarding the current speed zones at the intersection of CTH KE & CTH E comes from the proposed conversion of the intersection from an all-way stop-controlled configuration to a roundabout.

Under Wisconsin Statutes § 349.11, local authorities, such as Waukesha County, are authorized to modify speed limits within statutory parameters. This intersection is located in an outlying district, for which Wisconsin Statutes § 346.57(4)(f) establishes a fixed speed limit of 35 MPH. Waukesha County has the authority to raise speed limits up to 55 MPH or reduce them to a minimum of 25 MPH within this classification.

In accordance with these statute sections, Waukesha County recommends lowering the posted speed limit from 45 MPH to 35 MPH on all approaches to the proposed CTH KE/CTH E roundabout. This recommendation aligns with the design guidance provided in the Wisconsin Facilities Development Manual (FDM) and helps minimize the need for right-of-way acquisition. The proposed speed zone would extend 0.3 miles in each direction from the center of the roundabout.

Waukesha County has jurisdiction over three of the four intersection legs, with Town of Delafield having jurisdiction over the south leg. The Town of Delafield has a speed zone ordinance in progress to modify the speed zone to 35-mph on the south leg.

FDM Chapter 11-26, Section 2.3.2 states that "compact roundabouts can be considered and may be favorable on roadways where the posted speed limit is 40 MPH or lower." Reducing the

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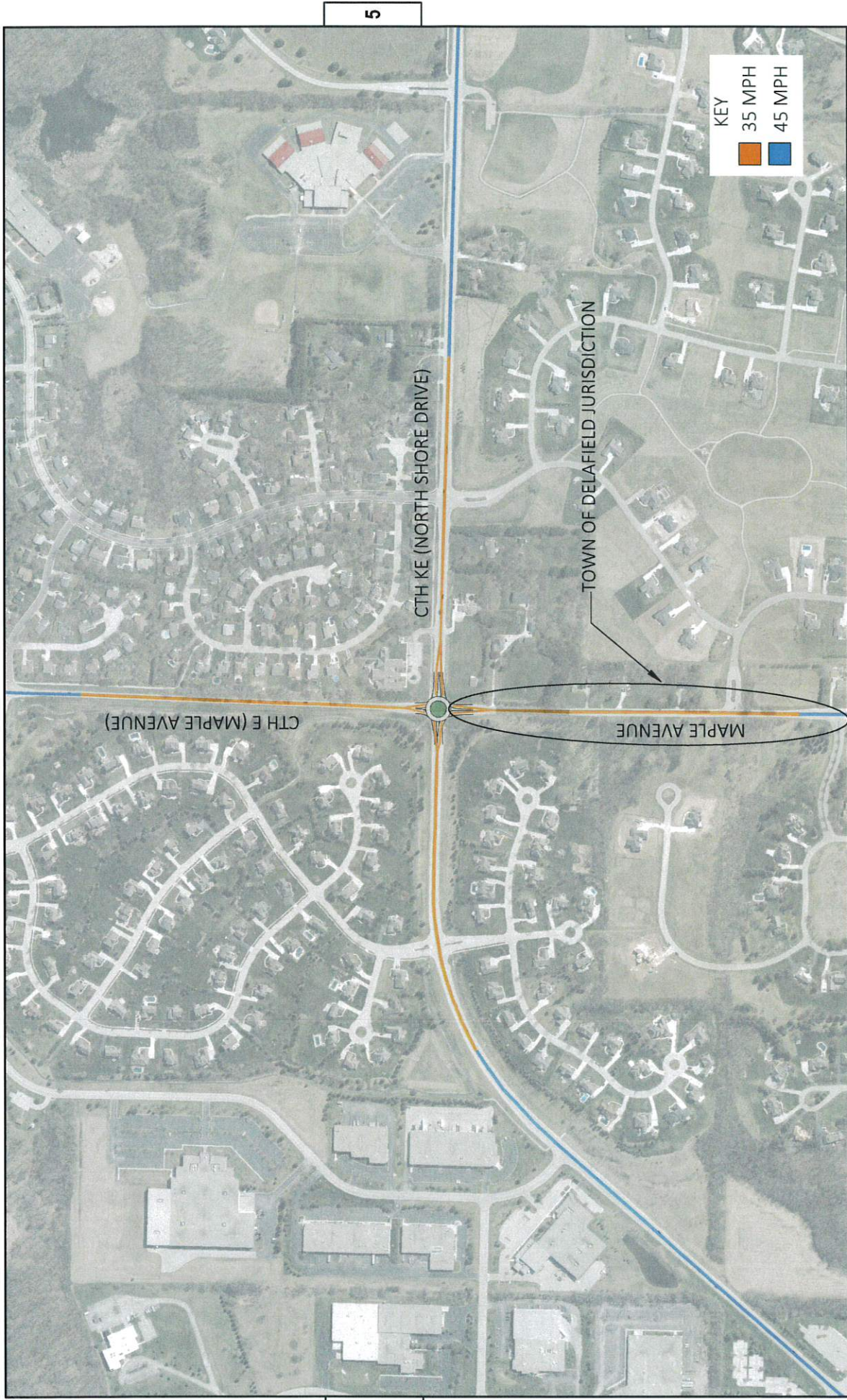
speed limit on the approaches ensures that vehicle speeds fall within the recommended range for compact roundabout design, thereby improving safety and operational effectiveness.

The recommended speed zone length is also consistent with guidance from TEOpS Chapter 13-5-8, which states that for posted speeds of 40 MPH and below, the minimum zone length should be 0.3 miles.

In addition to aligning with engineering standards, lowering approach speeds offers geometric design benefits. Reduced speeds allow for adjustments to approach skew angles and a reduction in the overall diameter of the roundabout, both of which contribute to a more compact design and reduce the amount of right-of-way that must be acquired.

For these reasons, Waukesha County finds it appropriate to reduce the posted speed limit to 35 MPH on all approaches to the future roundabout at the intersection of CTH KE and CTH E.





PROJECT NO: 202520	HWY: KE & E ROUNDABOUT	COUNTY: WAUKESHA	PROPOSED SPEED ZONES	SHEET	E
FILE NAME: I:\DPA\ENGINEERING\PROJECTS\KE AND E COMPACT RAB\ORDINANCE EXHIBIT\KE AND E ORDINANCE EXHIBIT.DWG	PLAT DATE: 7/29/2025 12:45 PM	PLAT BY: ETHAN MOSER	PLAT SCALE: Custom	Referred to: PW	4
Referred on: 08/04/25	File Number: 180-O-028				



# VOTE RESULTS

23 YES 0 NO 0 ABSTAIN 2 ABSENT

## Consent Agenda

Passed With 16 Yes Votes Needed

D1 - Styza	AYE	D10 - Thieme	AYE	D19 - Enriquez	AYE
D2 - Euclide	AYE	D11 - Howard	S AYE	D20 - Schellinger	AYE
D3 - Gscheidmeier	ABSENT	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	AYE	D16 - Crowley	AYE	D25 - Johnson	AYE
D8 - Koremenos	AYE	D17 - Meier	AYE		
D9 - Heinrich	AYE	D18 - Nelson	AYE		

5th Meeting, 180th Year of the County Board of Supervisors - August 26 2025 07:10:14 PM  
August 26, 2025

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2 INTERSECTION OF CTH KE (NORTH SHORE DRIVE) AND CTH E (MAPLE AVENUE)

3  
4 WHEREAS, Wisconsin Statutes § 349.11 permits local authorities to modify speed restrictions  
5 within statutory guidelines; and

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7 WHEREAS, Waukesha County maintains jurisdiction over the north, east, and west leg of the  
8 intersection of CTH KE (North Shore Drive) and CTH E (Maple Avenue), while the Town of  
9 Delafield maintains jurisdiction over the south leg; and

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11 WHEREAS, the Town of Delafield is pursuing a speed limit modification on the south approach  
12 at the intersection of CTH KE (North Shore Drive) and CTH E (Maple Avenue); and

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14 WHEREAS, the Department of Public Work's Capital Highway Project #202520 has been  
15 awarded federal funding for the construction of a compact roundabout at the intersection of CTH  
16 KE and CTH E; and

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18 WHEREAS, a reduction in intersection approach speed limit will benefit the intersection safety  
19 of the proposed compact roundabout by improving the transitional speed reduction; and

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21 WHEREAS, constructing a compact roundabout at the intersection will minimize impacts  
22 outside of the existing intersection footprint; and

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24 WHEREAS, the Waukesha County Department of Public Works finds it appropriate, pursuant to  
25 Wisconsin Statutes § 346.57(4)(f) and § 349.11(1)(a) and (3)(c), to modify the speed zone to  
26 thirty-five (35) mph in both directions of CTH KE from 0.3 miles west of the centerline of CTH  
27 E to 0.3 miles east of the centerline of CTH E; and

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31 thirty-five (35) mph in both directions of CTH E from the centerline of CTH KE to 0.3 miles  
32 north of the centerline of CTH KE; and

33  
34 THE COUNTY BOARD OF SUPERVISORS OF THE COUNTY OF WAUKESHA ORDAINS  
35 that the speed zone along both directions of County Trunk Highway CTH KE in the Village of  
36 Hartland and Town of Delafield is modified to thirty-five (35) mph from 0.3 miles west of the  
37 centerline of CTH E to 0.3 miles east of the centerline of CTH E and that the speed zone along  
38 both directions of County Trunk Highway CTH E in the Village of Hartland is modified to  
39 thirty-five (35) mph from the centerline of CTH KE to 0.3 miles north of the centerline of CTH  
40 KE; and

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