

ENROLLED ORDINANCE 172-090

MODIFY SPEED ZONE ON COUNTY TRUNK HIGHWAY G

WHEREAS, Wisconsin Statutes §349.11(3)(c) permits local authorities to establish speed zones within certain guidelines; and

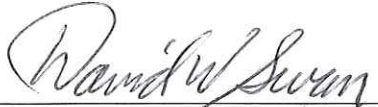
WHEREAS, in response to public inquiries and a review of vehicle speeds and collisions along this segment of highway, the Waukesha County Department of Public Works finds it appropriate to reduce the speed limit from 50 mph to 45 mph in both directions of County Trunk Highway G between its intersection with CTH G (Elmhurst Road) in the Town of Delafield and its intersection with CTH SS (Prospect Avenue) in the City of Pewaukee.

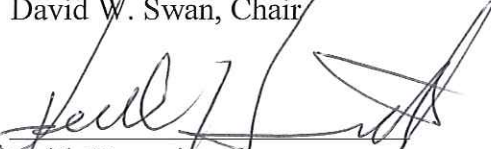
THE COUNTY BOARD OF SUPERVISORS OF THE COUNTY OF WAUKESHA ORDAINS that the speed zone along both directions of County Trunk Highway G in the Town of Delafield and in the City of Pewaukee is modified to be forty (45) miles per hour between its intersection with CTH G (Elmhurst Road) and CTH SS (Prospect Avenue).

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

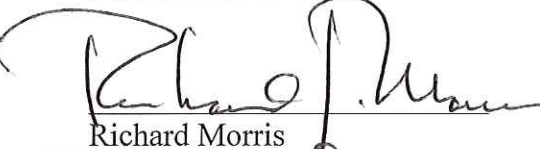
MODIFY SPEED ZONE ON COUNTY TRUNK HIGHWAY G

Presented by:  
Public Works Committee

  
\_\_\_\_\_  
David W. Swan, Chair

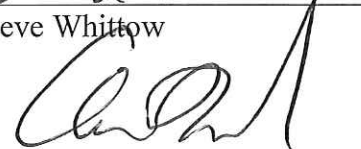
  
\_\_\_\_\_  
Keith Hammitt

ABSENT  
\_\_\_\_\_  
Darlene M. Johnson

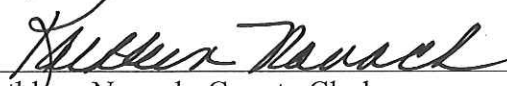
  
\_\_\_\_\_  
Richard Morris

  
\_\_\_\_\_  
Thomas J. Schellinger

  
\_\_\_\_\_  
Steve Whittow

  
\_\_\_\_\_  
Chuck Wood

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

Date: 3/27/18,   
\_\_\_\_\_  
Kathleen Novack, County Clerk

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

Approved: X  
Vetoed: \_\_\_\_\_

Date: 3/30/18,   
\_\_\_\_\_  
Paul Farrow, County Executive

<b>D1 - Kolb</b>	<b>AYE</b>	<b>D14 - Wood</b>	<b>(2) AYE</b>
<b>D2 - Zimmermann</b>	<b>AYE</b>	<b>D15 - Mitchell</b>	<b>AYE</b>
<b>D3 - Morris</b>	<b>AYE</b>	<b>D16 - Crowley</b>	<b>AYE</b>
<b>D4 - Batzko</b>	<b>AYE</b>	<b>D17 - Paulson</b>	<b>AYE</b>
<b>D5 - Dondlinger</b>	<b>AYE</b>	<b>D18 - Nelson</b>	<b>AYE</b>
<b>D6 - Walz</b>	<b>AYE</b>	<b>D19 - Cummings</b>	<b>AYE</b>
<b>D7 - Grant</b>	<b>AYE</b>	<b>D20 - Schellinger</b>	<b>AYE</b>
<b>D8 - Michalski</b>	<b>AYE</b>	<b>D21 - Zaborowski</b>	<b>AYE</b>
<b>D9 - Heinrich</b>	<b>AYE</b>	<b>D22 - Wysocki</b>	<b>AYE</b>
<b>D10 - Swan</b>	<b>(M) AYE</b>	<b>D23 - Hammitt</b>	<b>AYE</b>
<b>D11 - Howard</b>	<b>AYE</b>	<b>D24 - Whittow</b>	<b>AYE</b>
<b>D12 - Wolff</b>	<b>AYE</b>	<b>D25 - Johnson</b>	<b>Absent</b>
<b>D13 - Decker</b>	<b>AYE</b>		

172-0-090

Passed (24 Y - 0 N - 1 Absent)

Majority Vote





September 29, 2015

A PERFECT ENVIRONMENT

Residential ♦ Recreational ♦ Responsible

Chair  
Larry Krause  
Supervisors  
Pete Van Horn  
Cindi Duchow  
Edward Kranick  
Ron Troy  
Clerk/Treasurer  
Mary Elsner

Waukesha County  
OCT 2 2015  
Dept of Public Works

Mr. Mike Borck  
Traffic Regulations Engineer  
Wisconsin Department of Transportation  
DTSD, SE Region  
141 NW Barstow Street  
Waukesha, WI 53187-0798

Dear Mr. Borck:

Recently, the Town of Delafield Town Board received a request (attached) from the Prairie Hill Waldorf School located at N14 W29143 Silvernail Road in the Town. Their request is for a speed reduction in front of their school along Silvernail Road which is currently signed at 50 mph. The roadway is not a local road, but rather a frontage road within the WisDOT right of way and maintained by Waukesha County. The Town Board unanimously voted to support the request by Prairie Hill Waldorf School as indicated in the attached minutes, sixth order of business, item A..

near  
CTH G

Although the Town has modified speed limits in the past on local roads under the Town's jurisdiction, we have not done so for roads that are not under our jurisdiction. Therefore, please let me know if the Town's support for this request as shown on the attached minutes is adequate for you to proceed with consideration of the request.

Should you have any questions, please contact me.

Sincerely,

Timothy G. Barbeau., PE, PLS  
Town of Delafield Engineer

c: Bruce Barnes, P.E., Waukesha County Dept. of Public Works  
Jeanne Ring, Business Administrator, Prairie Hill Waldorf School

H:\1151600\Doc\L 150229 Borck WisDOT Prairie Hill



Monday, August 31, 2015

Town of Delafield  
N14 W30782 Golf Road  
Delafield, WI 53018-2117

Sir or Madame:

Prairie Hill School is a non-profit private school based on an educational philosophy dating more than 90 years. It is located at N14 W29143 Silvernail Rd. Pewaukee, WI 53072 and has a current enrollment of 130 students as well as 40 faculty and staff members. Silvernail is a busy frontage road used daily by many commuters. The students are not bussed but rather brought to school in private vehicles. The school day starts at 8:30 am and ends with a 3:15pm pick up. There are also numerous afterschool activities that take place during the week and occasionally on the weekends.

I am asking that the speed limit of 50 mph be changed to 25 during the morning drop off and the afternoon pick up, when children and families are most present. There have been many close calls reported and some commuters may be unaware of the school's presence on this busy road.

I have talked to several people in regard to this issue and they have each directed me back to the Town of Delafield. The last person, Bruce Barnes, P.E. from the Waukesha County DPW stated, "It appears that Prairie Hill Waldorf School is not located along County Trunk Highway G (Silvernail Rd), but in front of a local road under Delafield Township's jurisdiction." I would like to have this addressed before winter when travelling by car becomes an even greater danger.

Please contact me and let me know how we can move this forward.

Thank you,

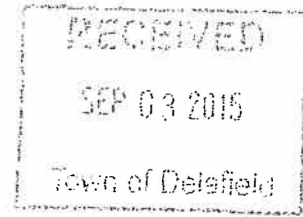
Jeanne Ring  
Business Administrator  
Prairie Hill Waldorf School  
262-646-7497  
jring@prairiehillwaldorf.org

awakens the capacity for dynamic thinking, creativity and compassion, inspiring children to contribute their unique gifts to the world

**AGENDA ITEM**

SEP 22 2015

ITEM #6A PAGE 1 of 2



Monday, August 31, 2015

Dear Town of Delafield Board Members,

As we start a new school year we once again have increased traffic in the area around the school. The concern is always with the children and the families because they drive their children. I am resubmitting the proposal for a reduced speed limit in front of the school.

Thank you for your consideration,

A handwritten signature in cursive script, appearing to read "Jeanne Ring".

Jeanne Ring  
Business Administrator

**Sixth order of business:** Communications (for discussion and possible action)

- A. Jeanne Ring, Prairie Hill Waldorf School (8/31/15), Re: Request for reduced speed limit in front of the school

*Chairman Krause stated that the Board has taken up this issue in the past. The Town has no control over the speed limit, as we do not plow or maintain the road. Engineer Barbeau was informed by Waukesha County that this is a frontage road. When the matter was discussed last year, Engineer Barbeau informed Prairie Waldorf School that they needed to contact the DOT, as the Town has no jurisdiction over the road.*

**MOTION MADE BY MR. VAN HORN, SECONDED BY MR. KRANICK THAT THE TOWN OF DELAFIELD SUPPORT PRAIRIE HILL WALDORF SCHOOL IN GETTING A SCHOOL ZONE SET UP ON THE FRONTAGE ROAD, WHICH IS PART OF THE I-94 COMPLEX, AND SEND A LETTER TO THE STATE DOT AND WAUKESHA COUNTY SUPPORTING IT. MOTION CARRIED.**

*Engineer Barbeau was directed to write the letter.*

- B. Paul Farrow, Waukesha County Executive (9/3/15), Re: Consolidating fire and EMS service areas within Waukesha County

*Chairman Krause stated the subject letter is requesting each community in Waukesha County to participate in a discussion of the issues surrounding the topic of consolidating fire and EMS services areas. This would be followed by hiring a consultant that could details the options available and make a recommendation on how to proceed. In order to pay for this effort, each community is being asked to commit \$1000 to \$2000.*

*Ms. Duchow stated that we've done our due diligence and found that consolidation would be cost prohibitive. It's an overwhelming task and does not benefit the Town of Delafield because we do not offer the same level of service as larger communities, i.e. full time fire and paramedic. We already have mutual agreements with other communities.*

*Chief Kozlowski stated that all communities have not received this letter and does not know why. He does not believe it would be in our best interest to spend the money.*

*Mr. Van Horn is in support of this and would be willing to spend up to \$1500.00.*

*Mr. Troy feels that if we do not contribute the money, we would still be involved. He*

*Mr. Kranick is of the opinion that it is imperative to be at the table to discuss the issues of better economizing the services.*

*Chairman Krause is really split on this. The Town has done our due diligence several times over. We have great benefits of agreements with our neighbors. Yet, he feels that it is important to be part of the conversation. He stated that if we are not treated as an equal partner, the Town's participation could change.*

**MOTION MADE BY MR. KRANICK, SECONDED BY MR. VAN HORN TO COMMIT TO THE STUDY UP TO \$1500.00. MS. DUCHOW – NAY, MR. TROY – NAY, MR. KRANICK – AYE, MR. VAN HORN – AYE, CHAIRMAN KRAUSE – AYE. MOTION PASSED 3-2.**



**Waukesha County**  
*Department of Public Works*

**TO:** Waukesha County Board of Supervisors  
**CC:** Allison Bussler, Gary Evans  
**FROM:** Bruce Barnes, P.E., PTOE  
**DATE:** December 22, 2017  
**SUBJECT:** Proposed reduction of CTH G posted speed limit between CTH G(Elmhurst Rd) and CTH SS(Prospect Ave)

Lowering the 50-MPH speed limit of the CTH G segment between CTH G (Elmhurst Road) and CTH SS (Prospect Avenue) to 45-MPH is recommended. This small reduction of the posted speed limit addresses concerns raised by local residents, the Town of Delafield and Prairie Hill Waldorf School. The attached exhibit shows the vehicle speeds observed, collision rates, and traffic counts along this 1.1-mile segment of CTH G.

Vehicle speeds were measured at two locations between CTH G (Elmhurst Road) and CTH SS (Prospect Avenue) during weekdays when traffic flows freely. The 85<sup>th</sup>-percentile speeds observed along this segment of CTH G ranged between 1-MPH slower and only 1-MPH faster than the existing 50-MPH posted speed limit.

Fifteen collisions were reported during a 5-year period (averaging 3/year during Jan 2011-June 2016) along CTH G between Elmhurst Road and Prospect Avenue. This crash rate is more than twice the statewide average for 2-lane rural highways having similar traffic volumes. Half of these reported collisions involved single vehicles running off CTH G at its curves. Six of these collisions had citations for 'failure to keep vehicle under control' or 'driving too fast for conditions'. Other minor sign improvements will be completed as part of this proposed speed limit reduction.

If the County Board approves this Ordinance, then a new 45 MPH speed limit along this segment of CTH G would

- 1) Correspond with average speeds currently observed,
- 2) Reduce the risks of past collisions and errant vehicles where more highway curves and foliage exist than along other IH-94 frontage roads in the vicinity.





# CTH G-4 (Silvernail Rd) Speed Survey



85%: 48.8 MPH EB  
48.9 MPH WB  
Avg: 44.1 MPH EB  
44.5 MPH WB  
71% in 41 - 50 MPH pace EB  
74% in 41 - 50 MPH pace WB  
11:00 AM, 7/25/16  
100 vehicles EB  
100 vehicles WB

85%: 49.2 MPH EB  
51.3 MPH WB  
Avg: 44.0 MPH EB  
46.7 MPH WB  
65% in 39 - 48 MPH pace EB  
67% in 45 - 54 MPH pace WB  
1:00 PM, 7/25/16  
92 vehicles EB  
100 vehicles WB

## Collisions recorded along CTH G (Silvernail Rd) in Delafield between CTH G (Elmhurst Rd) & CTH SS (Prospect Rd) during Jan. 2011 - Dec 2015 (5 years)

15	corridor crashes during	5	years	3,000	collisions/year	CTH G 2-way ADT E of CTH SS during 2013: 3,731	1.15	miles
		3	KAB crashes:	0.600	KAB collisions/year			

Highway Segment  
Crash Rate:  
Highway Segment  
KAB Crash Rate:

$[(\text{collisions/year}) * 100,000,000] / [1965 * \text{ADT} * \text{segment length}] = 191.56$  crashes per 100 million vehicle miles travelled (HMVMT)  
 $[(\text{KAB collisions/year}) * 100,000,000] / [1965 * \text{ADT} * \text{segment length}] = 38.31$  KAB crashes per 100 million vehicle miles travelled (HMVMT)

Crash Rate for  
Rural 2-lane Highways  
with 2,000 < ADT < 7,000  
74.25  
17.43

