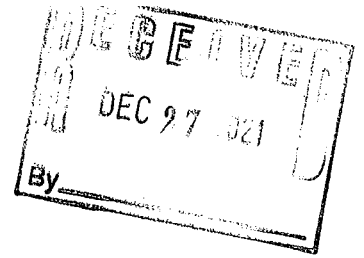


*January
Board
agenda
item*



COUNTY OF ERIE

MARK C. POLONCARZ

COUNTY EXECUTIVE

DEPARTMENT OF PUBLIC WORKS
RATH BUILDING, ROOM 1400

TELEPHONE: 716.858.8300
FAX: 716.858.8228

William E. Geary, Jr.
COMMISSIONER

December 22, 2021

Town of Eden
2795 East Church Street
Eden, NY 14057

Attn: Melissa Hartman, Supervisor

RE: Jennings Rd (CR 486) and East Church St (CR 488)
All-Way STOP Request

Dear Supervisor Hartman:

The Erie County Department of Public Works has completed our traffic engineering investigations related to your request for all-way stop control at the intersection of Jennings Road (CR 486) and East Church Street (CR 488) in the Town of Eden.

Section 2B.07 of the National Manual of Uniform Traffic Control Devices (MUTCD) gives criteria for a multi-way STOP sign installation. MUTCD states that "Multi-way stop control can be useful as a safety measure at intersections if certain traffic conditions exist." Studies have found that unnecessary stops, when the intersection is clear of conflicting movements, can lead to general disrespect for STOP signs.

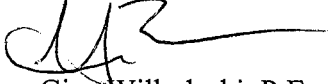
The traffic engineering investigation was completed to compare this intersection to the multi-way stop criteria outlined in the MUTCD, including review of the accident history at the intersection. Available 2019 traffic counts were used for the study, as these represent the higher traffic volumes found pre-pandemic, and would offer the increased likelihood of meeting the traffic volume criteria. The Eden Police Department was able to identify 3 accidents within a 12-month period, which does not meet the study criteria of 5 accidents within a 12-month period. This study determined that the MUTCD criteria have not been met, and a multi-way stop is not recommended at this time.

The existing signage was reviewed to determine if improvements could be made to emphasize the existing stop condition. We determined that the existing 30" STOP signs for East Church

Street will be replaced with new 36" STOP signs with CROSS TRAFFIC DOES NOT STOP sub-plaques and red retroreflective post strip covers. These STOP signs will have dual postings, meaning one on the right side of the road as well as one on the left side of road. In addition, Stop Ahead warning signs with yellow retroreflective post strip covers will be installed in advance of the intersection. The Erie County DPW has found the use of reflective post strip covers highly effective at drawing driver attention to critical warning signs. This work will be done by Erie County forces as weather and workload permits.

If you have any additional questions regarding this matter, please feel free to contact me at (716) 858-8067.

Sincerely,



Gina Wilkolaski, P.E.
Traffic Safety Engineer

pc: William Geary – Commissioner
Karen Hoak – Deputy Commissioner
Darlene Svilokos, P.E. – Director of Engineering
Joseph Donlon – District Engineer