

Donna Conkling

From: Mayor
Sent: Thursday, February 06, 2020 5:24 PM
To: John Gliedman
Cc: Jane Veron; Robert Cole; Manager's Department; Donna Conkling
Subject: Re: Scholarly Article Rebuts Current Presumption against 4-way stops in certain cases

Thank you for your email, John.

We hope to see you at the Traffic Safety work session next Tuesday at 6pm in the 3rd floor conference room of Village Hall.

Best regards,

Marc

On Feb 6, 2020, at 11:26 AM, John Gliedman <gliedman@gmail.com> wrote:

CAUTION: External sender.

I would like to call your attention to the below-quoted scholarly article "Analysis of motor-vehicle crashes at stop signs in four U.S. cities." in the *Journal of Safety Research* 34 (2003).

“Where appropriate, changes in traffic control and intersection design can reduce stop sign related crashes. Numerous evaluations report that converting intersections to require all approaching vehicles to stop before entering the intersection **can reduce crashes by about 50%** (Briglia, 1982; Hauer& Lovell 1986). **It is also likely that crashes at intersections controlled by all-way stop signs are less severe than those at two-way stop intersections because of the relatively low traffic speeds associated with all-way controls.**” (emphasis added)*

Additional signs at the sloped Lyons & Sprague intersection would reduce the likelihood and severity of a traffic incident. (The context being traffic "control" - see first sentence above - as opposed to "calming". The Village uses the word "calming" but could be overstepping the issue of "control" at a blind intersection such as Lyons and Sprague.) The blindness of the corner persists, even with the positive efforts on shrubbery removal (thank you - you are aware and it is appreciated but it is not sufficient). In closing: The position that more stop signs are somehow conducive to more accidents is not the case on the corner of Lyons and Sprague. The above quotation makes this point quite clear in the context of this sloped particular intersection, its accident history, and the petition of residents.

* If you would like a copy of the article, it is available by searching for the article online and ordering it from ScienceDirect for a small fee.

Thank you for your kind attention,
John Gliedman