



Sent via email (Deena.Hunt@brock.ca)

July 4, 2024

**The Regional
Municipality of
Durham**

Works Department

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Ramesh Jagannathan
MBA, M.Eng., P.Eng.,
PTOE
Commissioner, Works

Deena Hunt
Clerk's Assistant
The Corporation of the Township of Brock
1 Cameron Street East, P.O. Box 10
Cannington, Ontario, L0E 1E0

**RE: Notice of Motion – All Way Stop on Regional Road 10 and
Sunderland Meadows Drive, in Sunderland**

Thank you for forwarding Brock Township resolution C-2024-043 adopted by Brock Council on March 4, 2024. The resolution requested that the Region of Durham install an all-way stop at the intersection of River Street (Regional Road 10) and Sunderland Meadows Drive in Sunderland for the purpose of slowing down vehicular traffic entering the downtown corridor.

In response to this request, Region of Durham Works Staff conducted a turning movement count on June 18, 2024, to record the number of vehicles and pedestrians traveling through this intersection. Although slightly offset from Sunderland Meadows Drive, the vehicle trips in/out of the Fire Station were also included as part of this count.

All-way stop controls are installed based on the results of a detailed warrant process. The all-way stop warrant weighs safety and operational constraints to determine whether a given location is a good candidate for an all-way stop. The warrant process showed that this location would not benefit from the installation of an all way stop as the volumes entering and exiting Sunderland Meadows Drive are minimal and our collision records indicate that there is no collision history at this intersection since it was constructed in 2017. Ontario Traffic Manual Book 5 also states that all-way stops must not used as a speed control device or traffic calming tool.

Although the intersection does not meet the criteria off an all-way stop control, there are plans to modify the speed limit in this area. The area wide posted 40 km/h limit will extend just west of Sunderland Meadows Drive. To accommodate this speed reduction a transition zone must be added to eliminate the speed change of 80 km/h to 50 km/h to 40 km/h. The Region plans to replace a section of the posted 50 km/h zone and 80 km/h zone with a posted 60 km/h to better reflect driving conditions and transition drivers in and out of the area wide 40 km/h zone. Other measures like radar feedback boards and automated speed enforcement cameras will be incorporated as well to help modify driver behaviors.

It is our opinion that these improvements are adequate to improve safety through this intersection at this time.

Sincerely,



Ramesh Jagannathan, MBA, M. Eng., P.Eng., PTOE
Commissioner of Works

- c: Fernando Lamanna, Clerk/Deputy CAO, Township of Brock
Wayne Ward, Acting Director, Public Works, Township of Brock
Steven Kemp, Manager, Traffic Engineering and Operations
Amanda Spencer, Senior Program Manager, Traffic Safety and Operation



The Corporation of
The Township of Brock
1 Cameron St. E., P.O. Box 10
Cannington, ON L0E 1E0
705-432-2355

March 21, 2024

John Presta, Commissioner of Works
Region of Durham

Sent via email: John.Presta@Durham.ca

Re: Notice of Motion
All Way Stop Sign – Regional Road 10 and Sunderland Meadows Drive, Sunderland

Please be advised that Council, at their meeting held on March 4, 2024, adopted the following resolution which I am forwarding for your consideration:

C-2024-043

Moved: Councillor Campbell

Seconded: Regional Councillor Jubb

“WHEREAS the Sunderland downtown corridor is approximately from Maple Street South to Highway 7/12; and

WHEREAS a significant number of traffic, including truck traffic uses River Street (Regional Road 10), easterly, to access Highway 7/12; and

WHEREAS there are pedestrian sidewalks on both north and south sides of Regional Road 12 from Sunderland Meadows Drive leading to the downtown corridor.

BE IT THEREFORE RESOLVED THAT the Township of Brock request that the Region of Durham install an all way stop sign at the intersection of River Street (Regional Road 10) and Sunderland Meadows Drive in Sunderland for the purpose of slowing down vehicular traffic entering the downtown corridor.”

Should you have any questions or concerns please do not hesitate to contact the Clerks Department, Clerks@Brock.ca.

Yours truly,

THE TOWNSHIP OF BROCK

A handwritten signature in black ink, appearing to read "Fernando", written over a light blue background.

Fernando Lamanna
Clerk/Deputy CAO

FL:dh

cc. Paul Lagrandeur, Director of Public Works

If this information is required in an accessible format,
please contact the Township at 705-432-2355.