
HALDIMAND COUNTY

Report ENG-02-2022 All Way Stop Request – Nanticoke Creek Parkway and Willow Glen Drive - Townsend



For Consideration by Council in Committee on April 19, 2022

OBJECTIVE:

To provide Council with a recommendation in response to an all way stop request at the intersection of Nanticoke Creek Parkway and Willow Glen Drive in Townsend.

RECOMMENDATIONS:

1. THAT Report ENG-02-2022 All Way Stop Request – Nanticoke Creek Parkway and Willow Glen Drive - Townsend be received;
2. AND THAT an all way stop condition be installed at the intersection of Nanticoke Creek Parkway and Willow Glen Drive, Townsend.

Prepared By: Judy Brown, Transportation Engineering Technologist, Engineering Services

Reviewed by: Kristopher R. Franklin, Manager, Engineering Services

Respectfully submitted: Tyson Haedrich, M. Eng., P. Eng., General Manager of Engineering & Capital Works

Approved: Craig Manley, MCIP, RPP, Chief Administrative Officer

EXECUTIVE SUMMARY:

Staff have reviewed the request for an all way stop at the intersection of Nanticoke Creek Parkway and Willow Glen Drive using the County's updated All Way Stop Policy that includes the Community Justification Process for approval of all way stops. The community support and staff evaluation requirements have been met and staff are recommending that an all way stop be implemented at this intersection.

BACKGROUND:

The purpose of this report is to evaluate the request for an all way stop at the intersection of Nanticoke Creek Parkway and Willow Glen Drive (see Attachment 1) using the Community Justification Process of the County's All Way Stop Policy (see Attachment 2) and provide a recommendation to Council regarding the requested all way stop.

Staff presented ECW-02-2020 All Way Stop Policy Update to Council on March 3, 2020. This report proposed an alternate review process that allows for local residents to request an all way stop at an intersection where technical traffic engineering warrants have not been met. This process was approved by Council and the updated All Way Stop Policy now has a two stream approach to the evaluation of all way stop requests.

The first approach is based on the existing technical traffic engineering warrants (Technical Justification Process) and the second is based on community input with staff providing a review of the request to ensure the all way stop has no safety impacts (Community Justification Process).

The Community Justification Process requires significant local public support be shown for the installation of an all way stop at a particular location. This support is based on the principle that 75% of the residents within 250 metres of the intersection are in agreement with the all way stop. The process also requires the support of the local councillor including discussions with staff regarding the rationale for the all way stop installation.

Once these two conditions are met staff conducts a safety review of the proposed all way stop location to ensure that the new all way stop is not in an unsuitable location such as an offset intersection, traffic required to stop on a grade or at a location with sight line issues.

ANALYSIS:

Haldimand County's All Way Stop Policy provides a Community Justification Process requiring significant local public support as well as the input and support of the local councillor.

In this case the local councillor has distributed a letter to all residents within 250 metres (see Attachment 3). Of the 21 residents that responded to the letter, 17 were in favor of the all way stop and 4 were opposed representing 80% support of the all way stop installation.

Based on this information and the support of the local councillor for the all way stop, staff are satisfied that the requirement for significant public support has been met.

Under the existing conditions, Nanticoke Creek Parkway is a through road and Willow Glen Drive has a stop condition at Nanticoke Creek Parkway forming a T-intersection. The other leg of the intersection is undeveloped with no exit. At the intersection, Willow Glen Drive has sidewalk on the east side of the street. The north leg of the intersection is undeveloped and there is no exit from this approach. The speed transitions from 80km/h to 50 km/h on the easterly approach.

Staff have determined that there is sufficient distance between the speed transition and the proposed all way stop location and the operation of the intersection will be monitored to determine if changes to the speed transition are required.

Based on the Community Justification Process, staff are recommending that an all way stop be implemented at this location. Staff also recommend that the pole mounted speed sign posted at this location be relocated to another location in Ward 1.

The Highway Traffic Act (HTA) allows for a Municipal Council to implement stop conditions at intersections of highways under its jurisdiction and a by-law must be passed to formally enact the stop condition.

To implement the all way stop condition at the intersection of Nanticoke Creek Parkway at Willow Glen Drive the following change to Stop Control By-law 1955/18 is required:

Stop Control By-law 1955/18 Schedule "B" – Townsend to add:

Street	Intersection (at)	Traffic Direction
Nanticoke Creek Parkway	Willow Glen Drive	All Way

FINANCIAL/LEGAL IMPLICATIONS:

Roads Operations will be responsible for installing the required signage. The estimated cost is approximately \$500 and will be funded from the Roads Operations regulatory/warning signage operating account.

STAKEHOLDER IMPACTS:

Not applicable.

REPORT IMPACTS:

Agreement: No

By-law: Yes

Budget Amendment: No

Policy: No

ATTACHMENTS:

1. Map of Requested All Way Stop Location
2. All Way Stop Policy
3. Resident letter