
HALDIMAND COUNTY

Report CS-GM-04-2018 Speed Warning Devices Deployment Protocol For Consideration by Council in Committee on June 5, 2018



OBJECTIVE:

To provide a protocol for the deployment of Speed Warning Devices, based on input from the Haldimand Police Services Board, Ontario Provincial Police and County staff.

RECOMMENDATIONS:

1. THAT Report CS-GM-04-2018 Speed Warning Devices Deployment Protocol be received;
2. AND THAT the Speed Warning Devices Deployment Protocol, included as Attachment #1 to Report CS-GM-04-2018 be approved.

Respectfully submitted: Karen General, CPA, CGA, General Manager of Corporate Services

Approved: Donald G. Boyle, Chief Administrative Officer

EXECUTIVE SUMMARY:

Council has approved the purchase of new speed monitoring equipment to assist with the policing and awareness of speeding in Haldimand County. Such equipment includes: data collection devices (Speed Spy's); a trailer mounted, portable speed warning sign; and pole mounted speed warning signs. A Speed Warning Devices Deployment Protocol has been developed which addresses the roles and responsibilities related to the acquisition, ownership (including insurance, maintenance/repairs) and deployment of this equipment.

BACKGROUND:

At the February 8, 2018, Committee of the Whole meeting, Council considered a recommendation from the Police Services Board (PSB) regarding the purchase of speed warning devices. Following discussion, Council approved the following recommendation:

THAT the 2018 Draft Tax Supported Capital Budget and Forecast to 2027 be amended to include the following under "Protection to Persons and Property - Policing", related to Speed Awareness Devices:

- 1. Pole mounted solar powered speed warning signs: Year 2018 - 12 units at gross expenditure of \$90,000 funded from the Capital Replacement Reserve – General;*
- 2. Mobile Trailer speed warning sign: Year 2018 - Gross expenditure of \$15,000 funded from the Capital Replacement Reserve – General;*
- 3. Speed Spy Devices: Year 2018 - 2 units at gross expenditure of \$7,000 funded from the Capital Replacement Reserve – General.*

Following approval of the above motion, the Haldimand Ontario Provincial Police (OPP) Detachment provided information on ownership/maintenance issues associated with this equipment. As well, the

OPP's proposed locations for the speed warning signs (portable and pole mounted), based on speeding complaints they have received, were shared with Haldimand County Councillors and PSB members. Haldimand County Engineering and Roads Operations Division staff also gave input as to the logistical issues related to these devices. Based on this feedback, a draft deployment protocol was developed and reviewed by the PSB and OPP. The results are presented in this report for Council's approval.

ANALYSIS:

A Speed Warning Devices Deployment Protocol (Attachment #1) has been developed to address the roles and responsibilities related to the acquisition, ownership (including insurance, maintenance/repairs) and deployment of the following equipment:

- Speed Spy data collection devices (four in total, including the two devices currently in the possession of the OPP)
- Portable trailer mounted speed warning sign (one)
- Pole mounted speed warning signs (twelve in total, equating to two per Ward).

As outlined in the protocol, the County will acquire, own and insure all of the above equipment. Future replacements/additions will require approval through Haldimand's annual capital budget. County staff have provided input with regard to safety considerations for the sign locations, including setbacks from the travelled road and sightlines at driveways/intersections. As well, the Protocol notes that installation will be on County owned street light poles or on self supported posts in order to avoid third party approvals.

The OPP have requested that all suggested locations for deployment of the Speed Spy units and the portable trailer mounted speed warning sign be forwarded to the Detachment Commander, for consideration in conjunction with other police speed enforcement initiatives. Data derived from the Speed Spy devices will be regularly provided by the OPP to the County for circulation to Council and posting on the website (the PSB requested making the results publically available for up to one year). Attachment #2 outlines the OPP's suggested deployment of the mobile trailer mounted speed warning sign. With regard to the movement of the portable trailer mounted speed warning sign, the OPP will provide direction to County Roads Operations staff as to locations and durations. When not in use, Roads Operations staff will store this unit but will also be able to deploy it to assist with special events and roads construction activities.

The pole mounted speed warning signs were intended to be more permanent, given the installation costs. The PSB recommended that consideration be given to relocating these signs every 6 months approximately. Staff have made that amendment to the protocol, contingent on budget approval for the relocation and if such movement can be shown to be effective. If additional devices are budgeted in future years, it is likely that less movement of these pole mounted signs would be required. Attachment #3 provides the OPP's recommended placement of the more stationary, pole mounted speed warning signs based on complaints they receive. These locations, however, did not take into account Council's approval of two units per Ward nor complaints received directly by Council members that may not be known by the OPP. Following circulation to Councillors, suggested Ward deployments (both OPP and Councillor, if provided) have been reflected in Attachment #4. Staff will work with each Councillor to meet the two per Ward objective, for those areas that are still not resolved.

FINANCIAL/LEGAL IMPLICATIONS:

The 2018 Tax Supported Capital Budget includes \$112,000 for the purchase and installation of the new speed monitoring equipment, with funding from the Capital Replacement Reserve General. Any

operational costs related to the ongoing insurance, maintenance/repair, storage/transport, monitoring of this equipment is anticipated to be absorbed within the current Roads Operations Division budget.

An expansion of the speed warning sign program in future years was recommended by the PSB but has not been incorporated in future years' capital budgets pending feedback on the success of this initial deployment.

STAKEHOLDER IMPACTS:

County staff from the Engineering and Roads Operations Division anticipate that data collected from these speed monitoring devices will assist them in various traffic monitoring issues. Roads Operations Division staff have also agreed to be responsible for the storage and movement of the portable trailer mounted sign, as well as ongoing monitoring of the pole mounted signs to ensure in good repair.

The OPP will administer all requests for deployment of two of the three speed monitoring devices: the Speed Spy units, for which the OPP will also be responsible for care, custody and installation/removal of these devices; and the movement/relocation of the portable trailer mounted speed warning sign, through direction given to the County Roads Operation Division.

REPORT IMPACTS:

Agreement: No

By-law: No

Budget Amendment: No

Policy: No

ATTACHMENTS:

1. Speed Warning Devices Deployment Protocol
2. OPP's Speed Monitoring Mobile Trailer Location Recommendations
3. OPP's Speed Monitoring Pole Mounted Sign Location Recommendations
4. Councillor's Proposed Pole Mounted Speed Warning Sign Location Maps, by Ward