SPEED WARNING DEVICES DEPLOYMENT PROTOCOL

Speed Warning Devices Definition:

The Speed Warning devices affected by this protocol include:

- Speed Spy data collection devices (including the two current devices in the possession of the Haldimand OPP Detachment)
- Portable trailer mounted speed warning sign
- Pole mounted speed warning signs

Acquisition & Ownership of Equipment:

Haldimand County will directly administer all procurement processes for the three (3) types of devices as defined above. The OPP will provide input as to the specifications that meet their needs, where applicable, as well as any preferential pricing opportunities that may be available through the Province of Ontario.

Haldimand County will own the equipment, with any future replacements subject to future budget approvals.

Haldimand County will insure the equipment. Any repairs or replacements related to an insurable event (vandalism, theft, etc.) must be reported promptly to County staff with all relevant details of the incident.

Deployment of Equipment:

~~All Council members, Police Services Board members and/or public suggested locations for speeding enforcement initiatives, using any of the equipment outlined in this protocol, will be requested through the Haldimand OPP Detachment Commander via email, with a copy to the Staff Sergeant.~~

The protocol for deployment of specific equipment will be as outlined below.

Speed Spy Data Collection Devices ~~(currently 2 units; increasing to 4 units)~~

The OPP will determine the location and duration for deployment of this equipment.

Data collected by the devices will be analyzed by the OPP and provided to Haldimand County staff for dissemination to Council, Senior Management Team and the public (through posting for a minimum of six months, up to one year, on the County website).

The Haldimand OPP Detachment will have full care and custody of these devices and arrange for deployment/redeployment through their own resources.

Portable Trailer Mounted Speed Warning Signs ~~(1 unit)~~

This unit will be in the care and custody of the County's Roads Operations Division with deployment coordination through the ~~Transportation~~ Engineering Services Division ~~Technologist or the Roads Operations Technologist~~.

Locations for deployment of this device will be based on the following:

- Ward Councillor input
- OPP requests for deployment on an as-needed basis (i.e. special events)
- The unit will cycle through the wards in order starting with Ward 1. If no location is identified for a specific ward then the unit will move to next ward on the list
- ~~OPP recommendations (focusing in rural areas)~~
- ~~Special events~~
- ~~County road construction projects~~

Location criteria:

- Minimum shoulder width of 8 feet required to accommodate a minimum of 3 feet setback from the pavement edge
- Minimum sightlines: 12 m sightline triangle near intersections; cannot impede driveway sightlines nor obstruct sidewalks
- Deployment for ~~a minimum of 7 consecutive days~~ two weeks per location.
- ~~Minimum 1 week notice in advance of the desired deployment date, unless an emergency~~

Movement of this device will be performed by County staff. Winter storage may be required depending on weather conditions to prevent damage to unit.

Pole Mounted Speed Warning Signs ~~(12 units = 2 per Ward)~~

These units will be in the care and custody of the County's Roads Operations Division, with deployment coordination through the Transportation Engineering Technologist.

Locations for deployment of this device will be based on the following:

- Ward Councillor input ~~and OPP advice (refer to maps~~)
- OPP advice and consultation

Location criteria:

- mounted on 6x6 supporting posts or on County owned street light poles to avoid the need to get approval of third parties for use of their poles
- ~~maintained in the same location for a minimum of 6 months in order to monitor the effectiveness over time~~ Deployment for 12 months per location.

Equipment specification preferences (provisional items)

- Solar powered
- Data collection with Bluetooth capabilities (for Engineering – traffic pattern analysis)

The installation of these units will be contracted to a third party through the initial procurement process. Any future movement of these devices will be subject to budget approval for the contracted electrical services.

~~Monitoring (M/R): through standard County road patrols, any~~ Maintenance issues (i.e. battery replacement) will be reported to the Engineering Services Division ~~Roads Operations Technologist~~ who will coordinate repairs/maintenance. Changing of preloaded messages will be administered through the ~~Transportation~~ Engineering Services Division ~~Technologist~~ who will also collect the

data recorded by the devices as required. ~~on traffic patterns if remote (Bluetooth) capabilities.~~