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# HALDIMAND COUNTY

## Report ENG-14-2023 Turning Lane Improvements and Parking Restrictions for Caithness Street East - Caledonia



For Consideration by Council in Committee on August 29, 2023

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### OBJECTIVE:

To provide for turning lane improvements at the Argyle Street intersection and traffic calming along the Caithness Street corridor in Caledonia.

### RECOMMENDATIONS:

1. THAT Report ENG-14-2023 Turning Lane Improvements and Parking Restrictions for Caithness Street East – Caledonia be received;
2. AND THAT Schedule “B” No Stopping – Caledonia, Schedule “C” No Parking – Caledonia and Schedule “D” Restricted Parking – Caledonia of By-law 307/02 be amended as outlined in Report ENG-14-2023.

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

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

**Approved:** Cathy Case, Interim Chief Administrative Officer

### EXECUTIVE SUMMARY:

Caithness Street East from Argyle Street North to Aberdeen Street is an 800 metre long section of roadway that is scheduled for a microsurfacing rehabilitation project in early fall of 2023. As part of this project, line painting will be required on this section of road. The repainting will provide an opportunity to improve the operations and lane configuration at the easterly leg of the signalized Argyle Street North and Caithness Street intersection as well as implement traffic calming initiatives to address resident concerns.

To accommodate the proposed lane reconfiguration a 70 metre No Stopping zone is required along the east leg of the signalized intersection. The reconfiguration will eliminate approximately eight unmarked 2 hour parking spaces. The loss of these spaces will be mitigated by painting the remainder of parking spaces to Edinburgh Square East Road allowing for a more efficient use of the existing parking area.

A parking lane will also be created along the north side of Caithness Street East from Edinburgh Square East Road to Aberdeen Street in an effort to provide traffic calming. The more defined lane widths and inclusion of additional speed limit reminder signage will provide a visual aid to motorists to obey the speed limits. To accommodate the parking lane, a No Parking zone is required along the south side of Caithness Street East from Edinburgh Square East Road to Aberdeen Street.

To implement the turning lane improvements as well as the proposed parking lane and line marking traffic calming efforts, an amendment to the Haldimand County Parking Control By-law 307/02 is

required. Maps identifying the proposed parking restriction zones are included as Attachments 2-5 of this report.

## **BACKGROUND:**

Caithness Street East is a main road in Caledonia that services residential, commercial and institutional land uses entering the downtown core. This road is heavily travelled by a mix of vehicles and has on street parking with sidewalks on the north side and a mix of sidewalks and asphalt pathway on the south side from Argyle Street North to Aberdeen Street.

Caithness Street East from Argyle Street North to Aberdeen Street is an 800 metre long section roadway that is scheduled for a microsurfacing rehabilitation project in early fall of 2023. As part of this project, line repainting will be required on this section of road. The repainting will provide an opportunity to improve the operations and lane configuration at the easterly leg of the signalized Argyle Street North and Caithness Street intersection as well as implement traffic calming initiatives to address resident concerns.

The intersection of Caithness Street at Argyle Street North is signal controlled with a left, through and right turn lanes. The intersection is located at the main crossroads of Caledonia and typical of older downtowns in Ontario, building facades are located close to the roadway causing the intersection configuration to be condensed to fit the conditions.

The section of Caithness Street East from Edinburgh Square East Road to Aberdeen Street is approximately 11 metres wide with residential properties along the north side of the roadway and the Caledonia fairgrounds along the south side. There is currently a parking restriction on the south side of the roadway from Edinburgh Square East Road to approximately 130m east, covering the extents of the agricultural buildings of the Caledonia fairgrounds. The north side of the road does not have parking restrictions.

## **ANALYSIS:**

Based on a staff review and consultation with the local councillor there are concerns with the current operation of the westbound Caithness Street/Argyle Street intersection as well as the uncontrolled width of Caithness Street east of Edinburgh Square East Road.

In order to address these concerns the following changes are proposed to the Caithness Street parking and lane configurations to improve traffic operations along the corridor. These proposed changes have also been communicated to the Caledonia BIA.

### **Argyle Street North and Caithness Street intersection to Edinburgh Square East Road**

Staff have reviewed the operation of the intersection and implementing changes to the lane widths and lengthening the turning lanes to approximately 70 metres from the intersection will improve the operation of the intersection by allowing more vehicles to select the appropriate lane. The proposed lane markings of the easterly leg of the intersection are shown in Attachment 1 and maps identifying the proposed parking restriction zones are included as Attachments 2 to 5 of this report.

The lane reconfiguration will eliminate approximately eight unmarked 2 hour parking spaces. This loss of parking spaces will be mitigated by painting parking stalls along Caithness Street East to Edinburgh Square East Road allowing for a more efficient use of the space.

### Edinburgh Square East Road to Aberdeen Street

Staff have received complaints from residents and motorists that this section of road has seen an increase in speed as well as reports of vehicles making dangerous passes facilitated by the wider than typical road width.

A painted parking lane on the north side and the inclusion of a painted edge line on the south side of Caithness Street East from Edinburgh Square East Road to Aberdeen Street will better define the travelled lanes in this section of road. The new travelled lane widths will be the typical 3.5 metre width and the addition of visual speed reminder bollards will have a traffic calming effect.

To accommodate the parking lane, a No Parking zone is required along the south side of Caithness Street East from Edinburgh Square East Road to Aberdeen Street. Maps identifying the proposed parking restriction zones are included as Attachments 2 to 5 of this report.

To implement the lane configuration changes as well as the proposed parking lane and line marking traffic calming efforts, the following amendments to the Haldimand County Parking Control By-law 307/02 are required:

#### Parking Control By-law 307/02 Schedule "B" No Stopping – Caledonia to delete

Street	Side	From	To	Period
Caithness Street East	South	Argyle Street	21 metres easterly	Anytime
Caithness Street East	North	Argyle Street	30 metres easterly	Anytime

#### Parking Control By-law 307/02 Schedule "B" No Stopping – Caledonia to add

Street	Side	From	To	Period
Caithness Street East	Both	Argyle Street North	70m east	Anytime

#### Parking Control By-law 307/02 Schedule "C" No Parking – Caledonia to delete

Street	Side	From	To	Period
Caithness Street East	South	East side of Edinburgh Square East	138 metres easterly	Anytime

#### Parking Control By-law 307/02 Schedule "C" No Parking – Caledonia to add

Street	Side	From	To	Period
Caithness Street East	South	Edinburgh Square East	Aberdeen Street	Anytime

#### Parking Control By-law 307/02 Schedule "D" Restricted Parking – Caledonia to delete

Street	Side	From	To	Period
Caithness Street East	North	A point 30m east of Argyle Street to Edinburgh Square East	8am to 2am	2 hours
Caithness Street East	South	A point 15m east of Argyle Street to Edinburgh Square East	8am to 2am	2 hours

## Parking Control By-law 307/02 Schedule “D” Restricted Parking – Caledonia to add

Street	Side	From	To	Period
Caithness Street East	Both	A point 70m east of Argyle Street to Edinburgh Square East	8am to 2am	2 hours

### FINANCIAL/LEGAL IMPLICATIONS:

The costs to implement the line painting and parking changes have been included in the capital project tenders and no additional costs are expected.

### STAKEHOLDER IMPACTS:

Not applicable.

### REPORT IMPACTS:

Agreement: No

By-law: Yes

Budget Amendment: No

Policy: No

### REFERENCES:

None.

### ATTACHMENTS:

1. Proposed Intersection Lane Configuration
2. Overview location map of new Caithness Street East parking restrictions
3. Map 1
4. Map 2
5. Map 3