

City of Mississauga

Corporate Report



Date: April 25, 2025

To: Chair and Members of General Committee

From: Sam Rogers, MBA, Commissioner of Transportation and Works

Originator's files:
RT.10.ZVAR

Meeting date:
May 7, 2025

Subject

2025 Traffic Calming Program (Ward 2, Ward 4, Ward 6, Ward 7, Ward 8, and Ward 11)

Recommendation

That the recommendations as outlined in the Corporate Report from the Commissioner of Transportation and Works dated April 25, 2025 and entitled "2025 Traffic Calming Program (Ward 2, Ward 4, Ward 6, Ward 7, Ward 8, and Ward 11)" be approved; and that the Report be referred to the Mississauga School Traffic Safety Action Committee, Mississauga Cycling Advisory Committee and the Mississauga Road Safety Committee for information.

Executive Summary

- Fifth Line West, south of Dundas Street West (Ward 2), Truscott Drive (Ward 2), Elora Drive (Ward 4), Huntington Ridge Drive (Ward 4), The Credit Woodlands / McBride Avenue (Ward 6), Queensway West / Glengarry Road / Old Carriage Road (Ward 7), Angel Pass Drive / Aquinas Avenue / Artesian Drive (Ward 8), Derry Dale Drive / Panhellenic Drive / St. Barbara Boulevard (Ward 11), Envoy Drive / Tabbyman Walk (Ward 11), Kenninghall Boulevard (Ward 11), McFarren Boulevard (Ward 11), and Vista Boulevard / Vista Drive (Ward 11) are being recommended for the installation of physical traffic calming.
- Following a public consultation process, support was received from each community through a survey process for each of the recommended traffic calming projects.
- Funds allocated from the Traffic Calming Program Capital budget, as well as funds from the Special Project Ward Funding for Wards 2, 4, 8, and 11, are being utilized to deliver the above projects.
- No concerns have been raised from municipal services, emergency services or MiWay regarding the proposed traffic calming measures.

Background

The Traffic Services and Road Safety Section regularly reviews roadways in response to resident concerns related to speeding, aggressive driving, and traffic infiltration on local roadways within residential neighbourhoods. The results of these reviews determine if physical traffic calming measures are warranted based on the City's Traffic Calming Policy (10-09-03).

In 2025, staff prioritized 4 locations for physical traffic calming measures to address issues of confirmed speeding and aggressive driving behaviour. Staff worked in consultation with the respective Ward Councillors in developing plans that would address the issues and reduce speeding on the roadway. The 4 projects would be funded through the available Traffic Calming capital funding. In addition to these 4 projects, 8 locations have been identified by Wards 2, 4, 8, and 11 Councillors to be prioritized and funded through the Special Project Ward Funding.

The following locations were identified:

- Fifth Line West – south of Dundas Street West (Appendix 1)
- Truscott Drive (Appendix 2)
- Elora Drive (Appendix 3)
- Huntington Ridge Drive (Appendix 4)
- The Credit Woodlands and McBride Avenue (Appendix 5)
- Queensway West, Glengarry Road, and Old Carriage Road (Appendix 6)
- Angel Pass Drive, Aquinas Avenue, and Artesian Drive (Appendix 7)
- Saint Barbara Boulevard, Derrydale Drive, and Panhellenic Drive (Appendix 8)
- Envoy Drive and Tabbyman Walk (Appendix 9)
- Kenninghall Boulevard (Appendix 10)
- McFarren Boulevard (Appendix 11)
- Vista Boulevard and Vista Drive (Appendix 12)

The results of the most recent speed reviews at each of the above locations are as follows:

Location	Posted Speed	85th Percentile Speed
Fifth Line West (south of Dundas Street West)	40 km/h	55 km/h
Truscott Drive (east of Southdown Road)	40 km/h	59 km/h
Truscott Drive (west of Southdown Road)	30 km/h 40 km/h	53 km/h 59 km/h

Elora Drive	30 km/h 40 km/h	47 km/h 53 km/h
Huntington Ridge Drive (west of McLaughlin Road)	40 km/h	49 km/h
The Credit Woodlands	30 km/h 40 km/h	51 km/h 54 km/h
McBride Avenue	30 km/h 40 km/h	45 km/h 52 km/h
Quensway West	40 km/h	57 km/h
Glengarry Road	40 km/h	55 km/h
Old Carriage Road	40 km/h	56 km/h
Angel Pass Drive	40 km/h	50 km/h
Aquinas Avenue	30 km/h 40 km/h	52 km/h 52 km/h
Artesian Drive	30 km/h 40 km/h	50 km/h 52 km/h
Saint Barbara Drive	40 km/h	55 km/h
Derrydale Drive	40 km/h	59 km/h
Panhellenic Drive	40 km/h	52 km/h
Envoy Drive	40 km/h	50 km/h
Tabbyman Walk	40 km/h	53 km/h
Kenninghall Boulevard	40 km/h	53 km/h
McFarren Boulevard	40 km/h	54 km/h
Vista Boulevard	30 km/h 40 km/h	45 km/h 50 km/h
Vista Drive	40 km/h	50 km/h

Comments

Once traffic calming candidate locations are identified, preliminary plans are developed by staff. Consideration is given to the type, number, location, and spacing of traffic calming devices based on the individual roadway characteristics. The plan is designed specific to each roadway to have the maximum impact on operating speeds while ensuring a consistent speed throughout the area. The devices recommended by staff are commonly used throughout the City of Mississauga and are consistent with industry best practises related to road safety and traffic calming.

Public Consultation

Each traffic calming proposal was presented to the directly impacted residents, in the form of an online survey and in some cases an in-person public meeting. Residents were given an opportunity to provide feedback and voice their support or opposition to the plan. No significant opposition was received from residents who engaged in the consultation for each project, and each project is supported by the respective Ward Councillor.

Staff provided the concept traffic calming plans to all emergency services and MiWay and no concerns have been raised regarding the proposed traffic calming.

2024 Traffic Calming Program

In 2024, staff completed construction of traffic calming on 9 roadways that were approved by Council.

The results of our initial follow-up studies reveal significant impacts on the overall operating speeds. We have observed an average of 10 km/h decrease in the operating speeds, and an average of 25% increase in speed limit compliance where physical traffic calming measures were installed.

Financial Impact

The estimated costs associated with the following traffic calming projects can be accommodated within the Traffic Calming Program Capital budget:

Project	Estimate	PN#	Ward
Fifth Line West (south of Dundas Street) <ul style="list-style-type: none">• 9 speed cushion installations	\$75,000	24199	Ward 2
The Credit Woodlands <ul style="list-style-type: none">• 8 speed cushion installations	\$75,000	24199	Ward 6
McBride Avenue <ul style="list-style-type: none">• 2 speed cushion installations• 1 raised pedestrian crossover	\$70,000	24199	Ward 6
Queensway West <ul style="list-style-type: none">• 5 speed cushion installations	\$65,000	24199	Ward 7
Glengarry Road <ul style="list-style-type: none">• 4 speed cushion installations	\$35,000	23199	Ward 7
Old Carriage Road <ul style="list-style-type: none">• 5 speed cushion installations	\$40,000	23199	Ward 7
St. Barbara Boulevard, Derrydale Drive, Panhellenic Drive <ul style="list-style-type: none">• 10 speed cushion installations	\$72,000	22199	Ward 11

The estimated cost associated with the remaining traffic calming projects in Wards 2, 4, 8, and 11, can be accommodated within the respective Special Ward Funding allocated for road safety improvements:

Project	Estimate	PN#	Ward
Truscott Drive (east of Southdown Road) <ul style="list-style-type: none"> • 3 speed cushion installations • 1 raised pedestrian crossing 	\$60,000	E21199	Ward 2
Truscott Drive (west of Southdown Road) <ul style="list-style-type: none"> • 4 speed cushion installations 	\$35,000	E21199	Ward 2
Elora Drive <ul style="list-style-type: none"> • 4 speed cushion installations • 1 pedestrian crossover 	\$75,000	D21199	Ward 4
Huntington Ridge Drive <ul style="list-style-type: none"> • 4 speed cushion installations 	\$40,000	D21199	Ward 4
Angel Pass Drive <ul style="list-style-type: none"> • 2 speed cushion installations 	\$20,000	C22199	Ward 8
Aquinas Avenue <ul style="list-style-type: none"> • 2 speed cushion installations 	\$20,000	C22199	Ward 8
Artesian Drive <ul style="list-style-type: none"> • 2 speed cushion installations 	\$20,000	C22199	Ward 8
Envoy Drive, Tabbyman Walk <ul style="list-style-type: none"> • 2 speed cushion installations 	\$15,000	E22199	Ward 11
Kenninghall Boulevard <ul style="list-style-type: none"> • 2 speed cushion installations 	\$12,000	E22199	Ward 11
McFarren Boulevard <ul style="list-style-type: none"> • 5 speed cushion installations 	\$35,000	E22199	Ward 11
Vista Boulevard, Vista Drive <ul style="list-style-type: none"> • 6 speed cushion installations 	\$35,000	E22199	Ward 11

Conclusion

Through consultation with the Ward Councillors and local residents, staff are recommending the installation of physical traffic calming measures on Fifth Line West, south of Dundas Street West, Truscott Drive, Elora Drive, Huntington Ridge Drive, The Credit Woodlands and McBride Avenue, Queensway West, Glengarry Road, and Old Carriage Road, Angel Pass Drive, Aquinas Avenue, and Artesian Drive, Saint Barbara Boulevard, Derry Dale Drive, and Panhellenic Drive, Envoy Drive and Tabbyman Walk, Kenninghall Boulevard, McFarren Boulevard, and Vista Boulevard and Vista Drive to increase roadway safety and reduce operating speeds.

Attachments

Appendix 1: Location Map – Traffic Calming Fifth Line West (Ward 2)

Appendix 2: Location Map – Traffic Calming Truscott Drive (Ward 2)

Appendix 3: Location Map – Traffic Calming Elora Drive (Ward 4)

Appendix 4: Location Map – Traffic Calming Huntington Ridge Drive (Ward 4)

Appendix 5: Location Map – Traffic Calming The Credit Woodlands and McBride Avenue (Ward 6)

Appendix 6: Location Map – Traffic Calming Queensway West, Glengarry Road, and Old Carriage Road (Ward 7)

Appendix 7: Location Map – Traffic Calming Angel Pass Drive, Aquinas Avenue, and Artesian Drive (Ward 8)

Appendix 8: Location Map – Traffic Calming Saint Barbara Boulevard, Derrydale Drive, and Panhellenic Drive (Ward 11)

Appendix 9: Location Map – Traffic Calming Envoy Drive and Tabbyman Walk (Ward 11)

Appendix 10: Location Map – Traffic Calming Kenninghall Boulevard (Ward 11)

Appendix 11: Location Map – Traffic Calming McFarren Boulevard (Ward 11)

Appendix 12: Location Map – Traffic Calming Vista Boulevard and Vista Drive (Ward 11)



Sam Rogers, MBA, Commissioner of Transportation and Works

Prepared by: Maxwell Gill, C.E.T., Acting Manager of Traffic Services and Road Safety



MISSISSAUGA

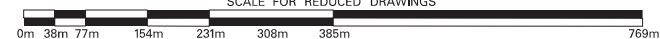


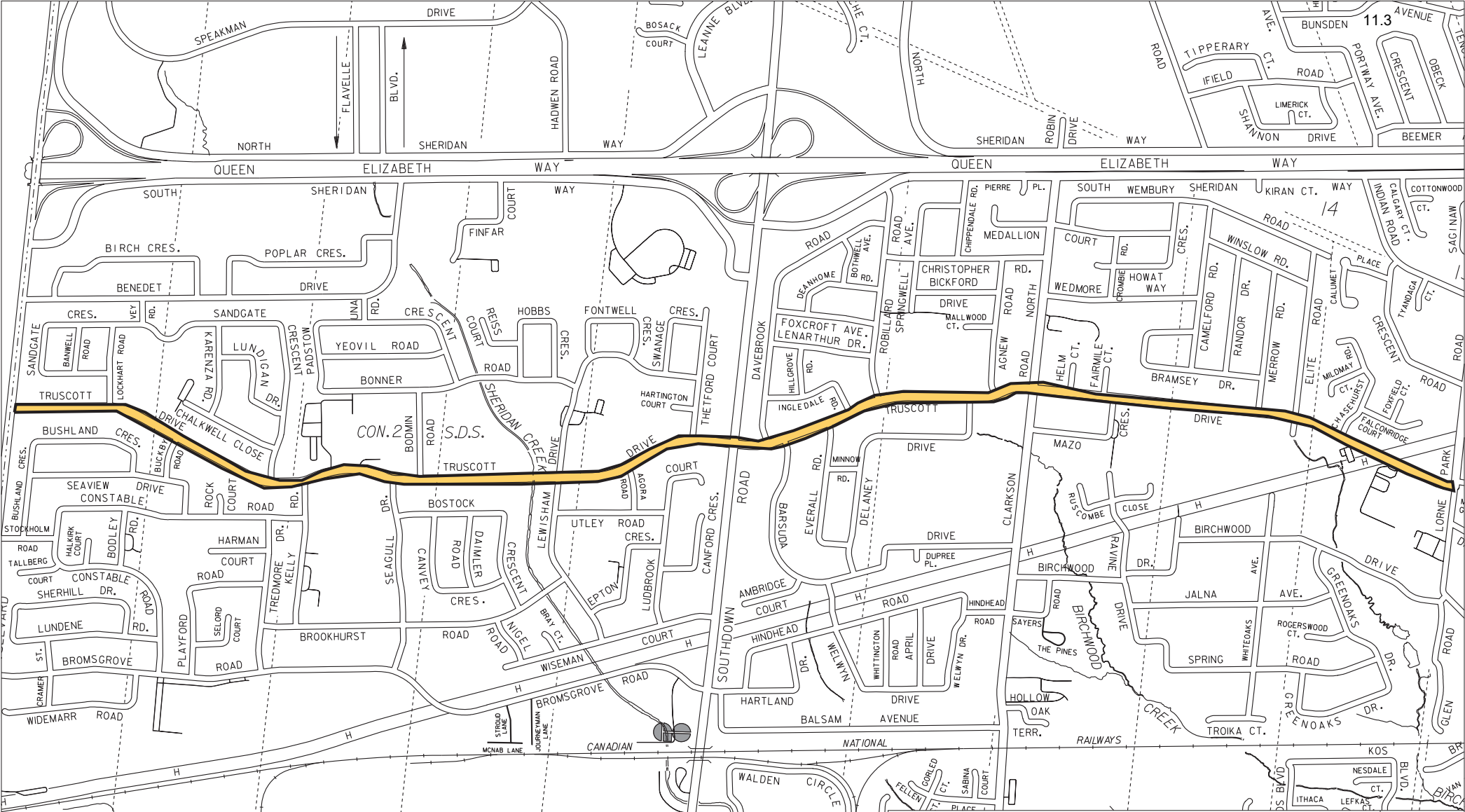
Transportation and Works

Traffic Mgmt & Municipal Parking

**TRAFFIC CALMING
FIFTH LINE WEST
WARD 2**

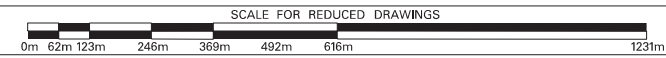
SCALE FOR REDUCED DRAWINGS

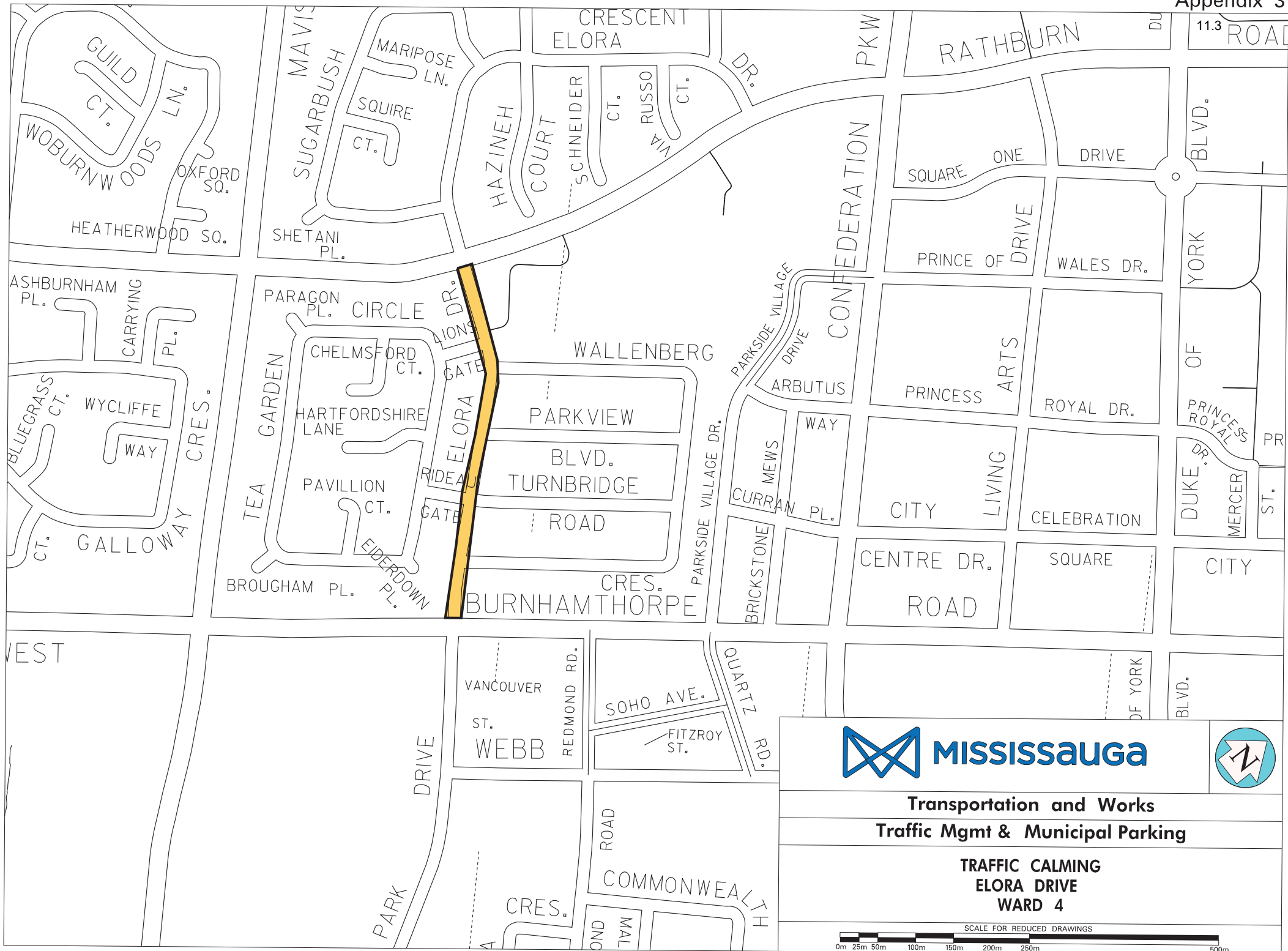




Transportation and Works
Traffic Mgmt & Municipal Parking

TRAFFIC CALMING
TRUSCOTT DRIVE
WARD 2





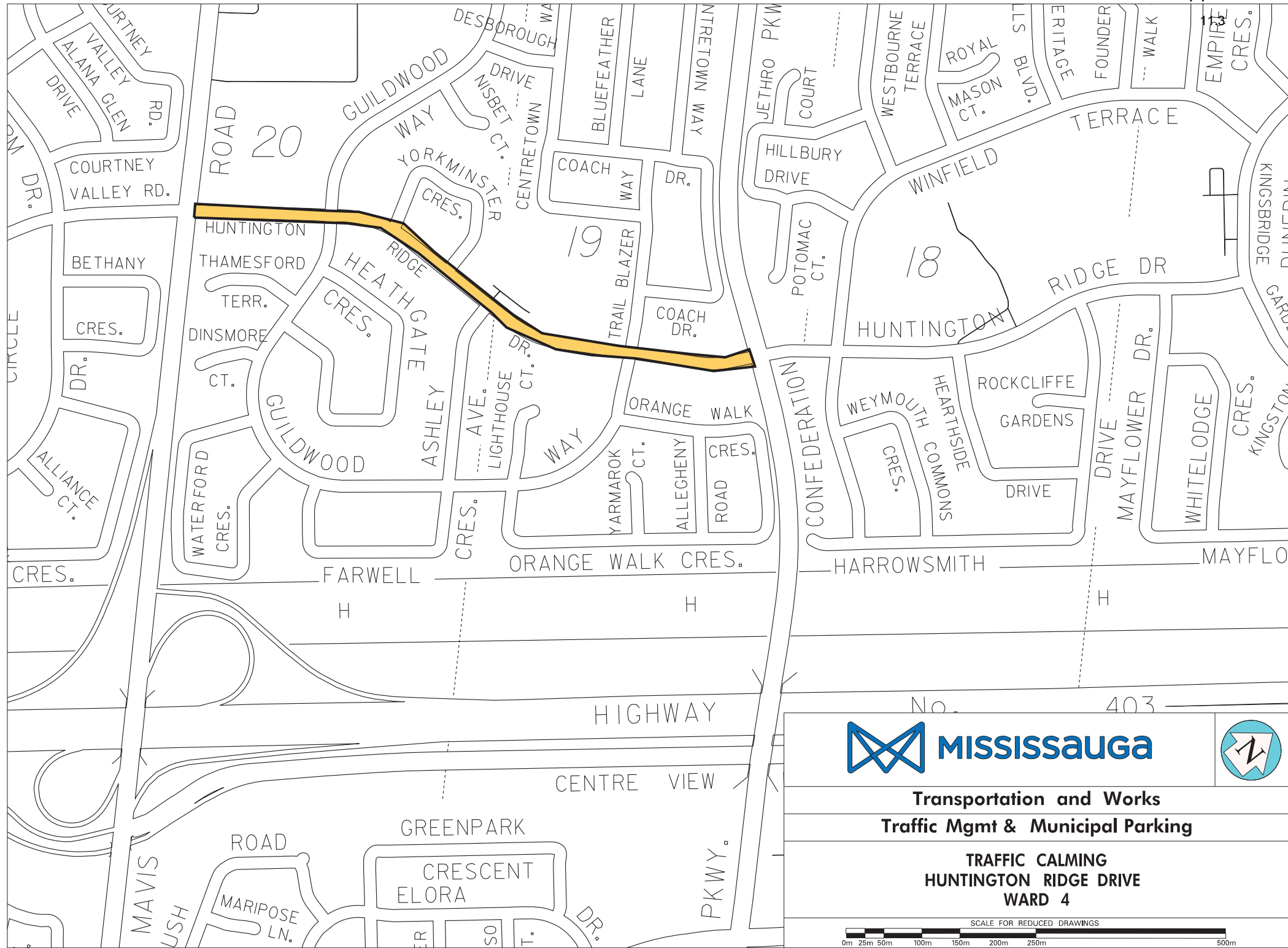
MISSISSAUGA

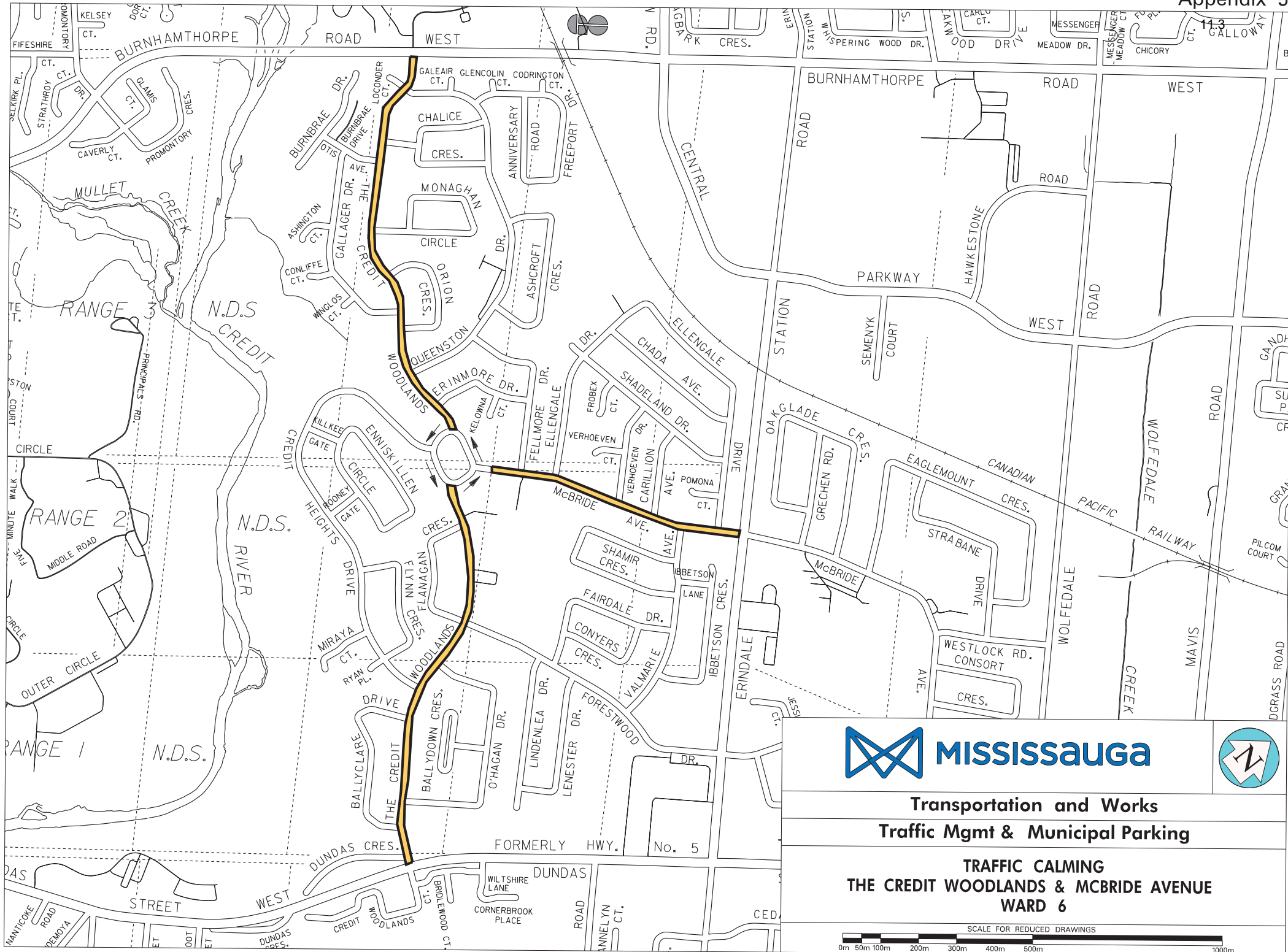


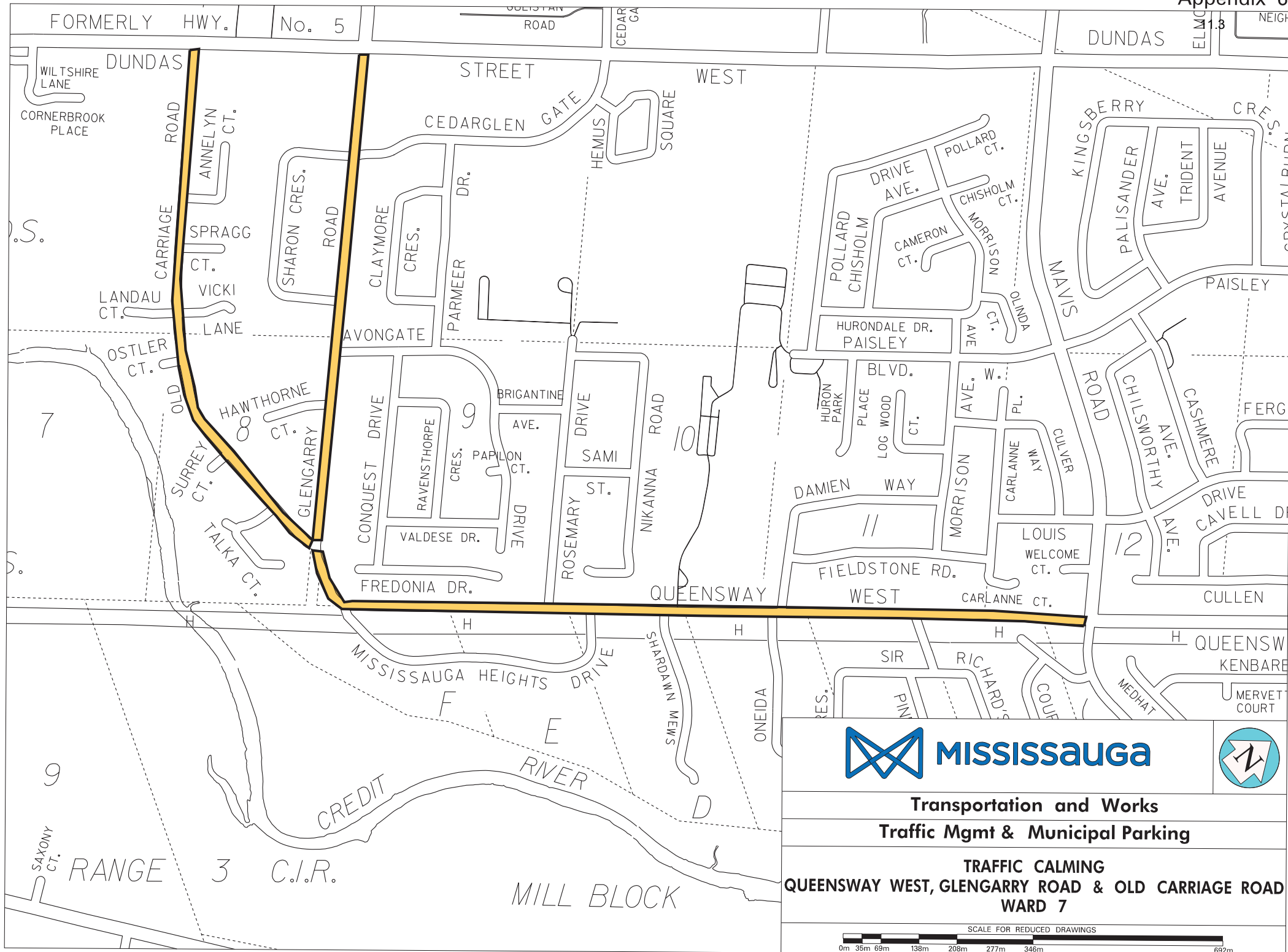
Transportation and Works
Traffic Mgmt & Municipal Parking

TRAFFIC CALMING
ELORA DRIVE
WARD 4

SCALE FOR REDUCED DRAWINGS
 0m 25m 50m 100m 150m 200m 250m 500m







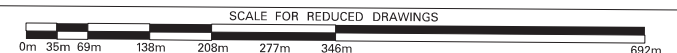
MISSISSAUGA

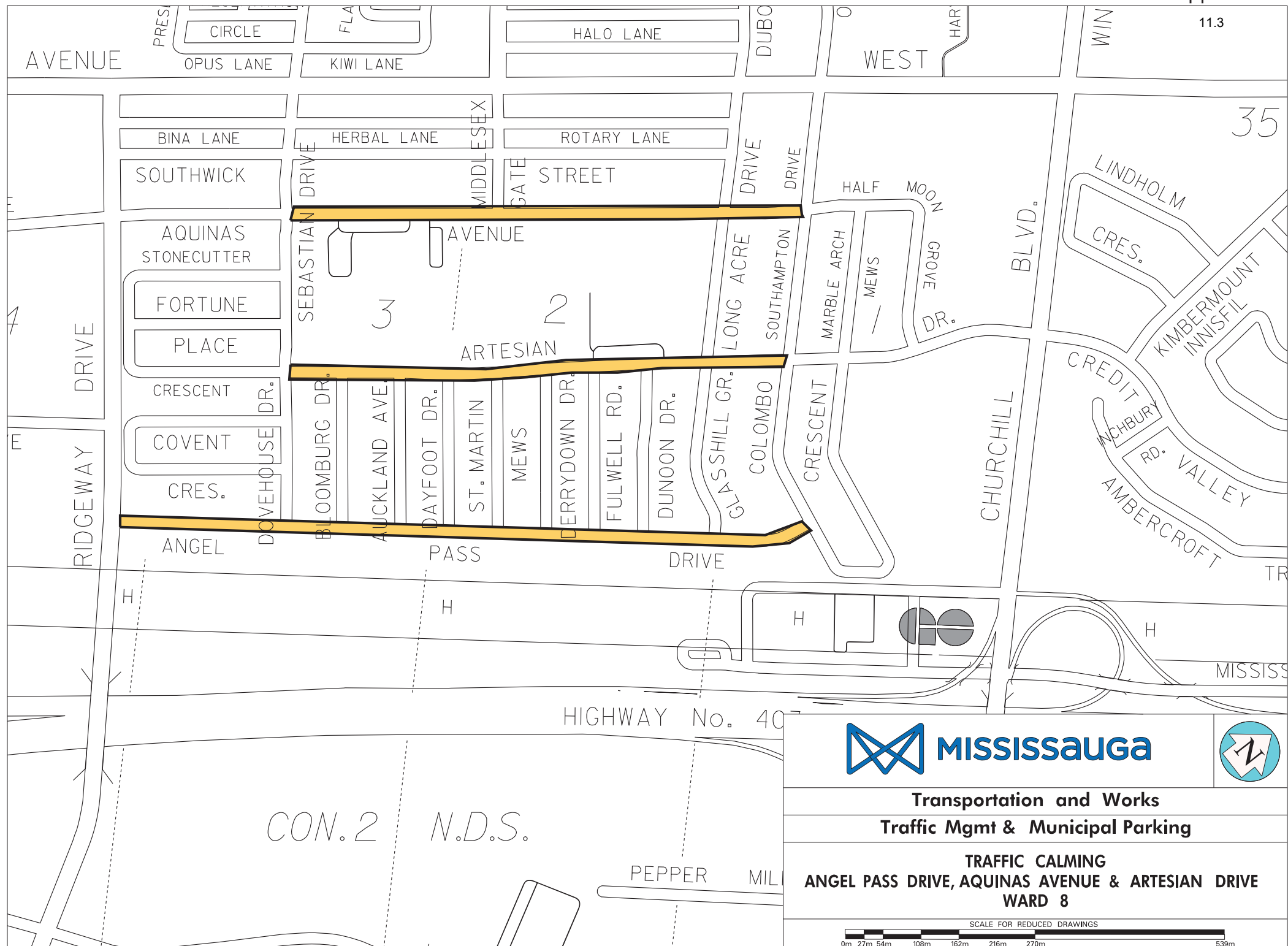


Transportation and Works

Traffic Mgmt & Municipal Parking

TRAFFIC CALMING
QUEENSWAY WEST, GLENGARRY ROAD & OLD CARRIAGE ROAD
WARD 7



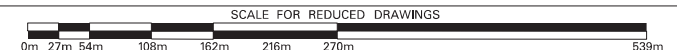


MISSISSAUGA

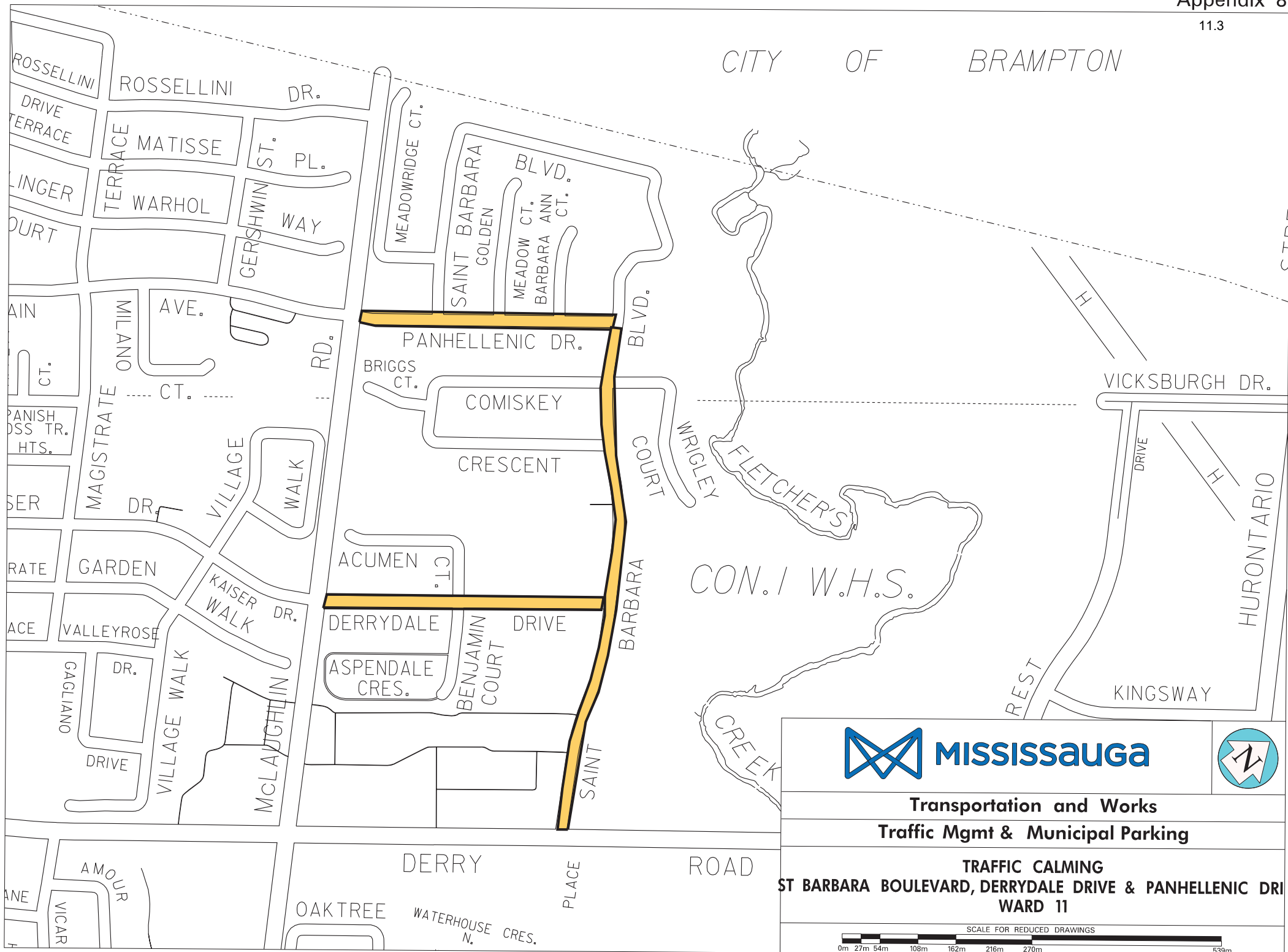


Transportation and Works
Traffic Mgmt & Municipal Parking

TRAFFIC CALMING
ANGEL PASS DRIVE, AQUINAS AVENUE & ARTESIAN DRIVE
WARD 8



CITY OF BRAMPTON



MISSISSAUGA



Transportation and Works

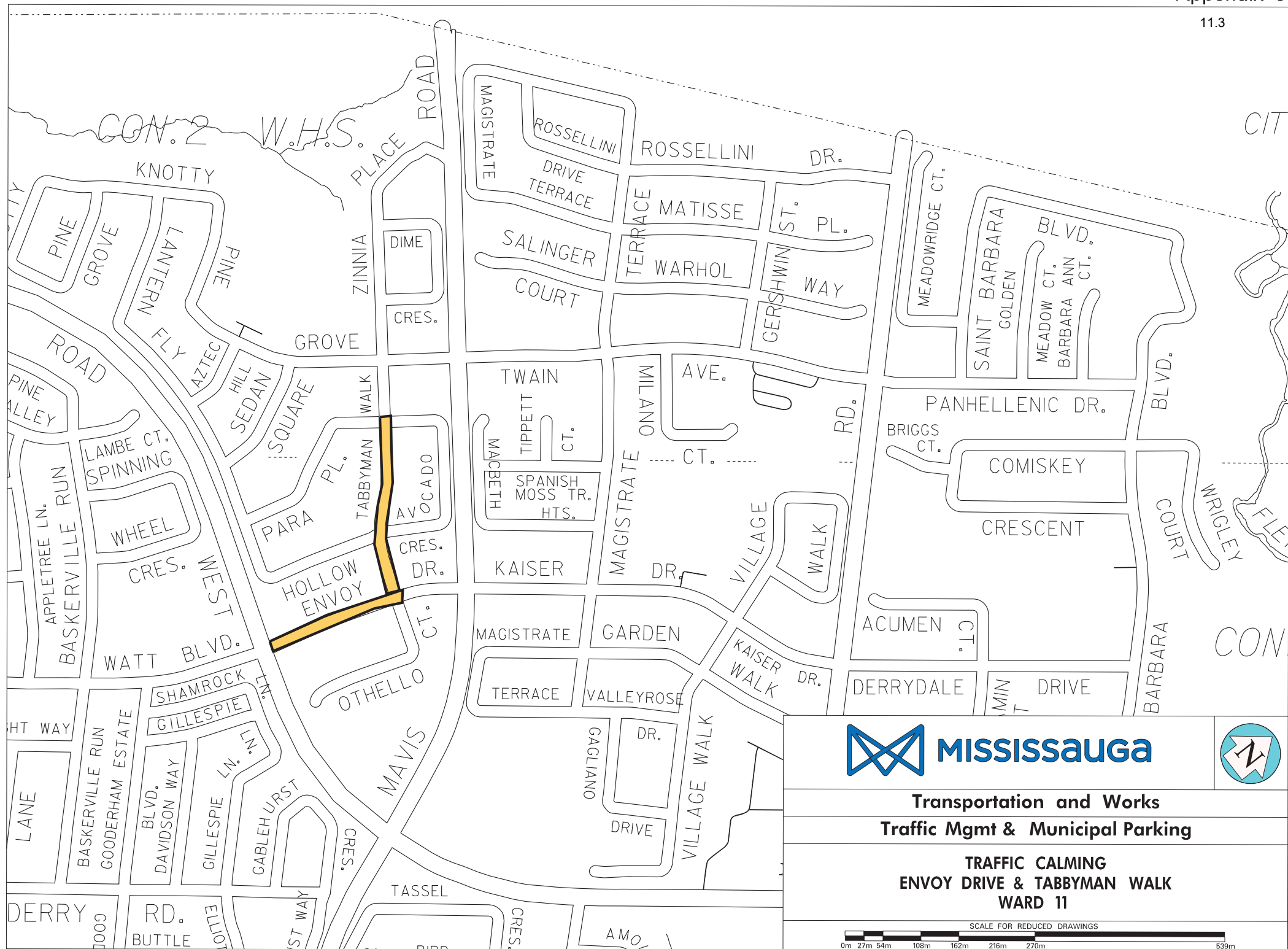
Traffic Mgmt & Municipal Parking

TRAFFIC CALMING

**ST BARBARA BOULEVARD, DERRYDALE DRIVE & PANGELENIC DRIVE
WARD 11**

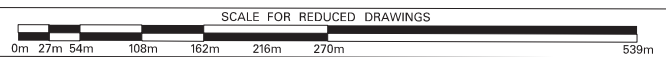
SCALE FOR REDUCED DRAWINGS

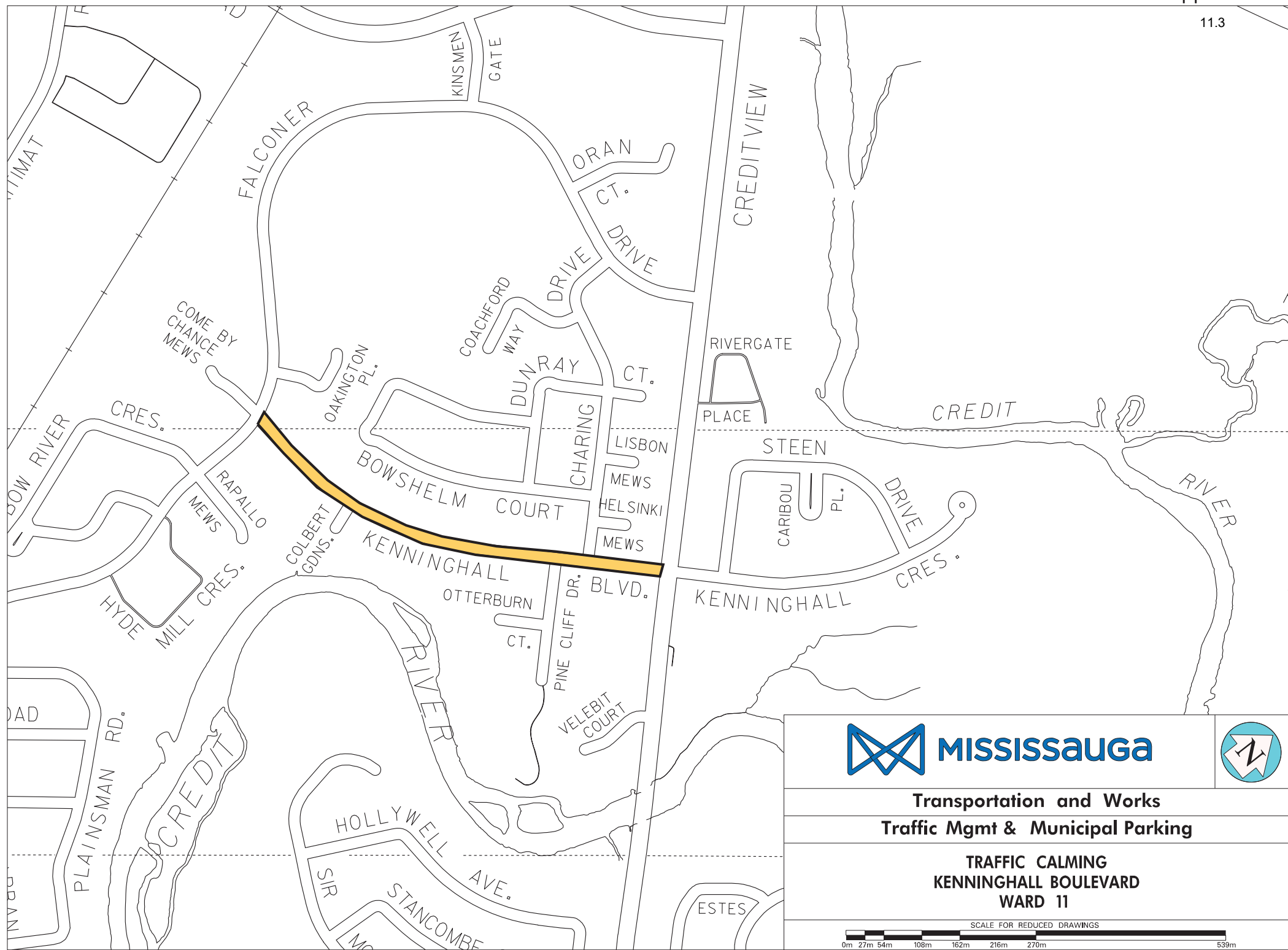


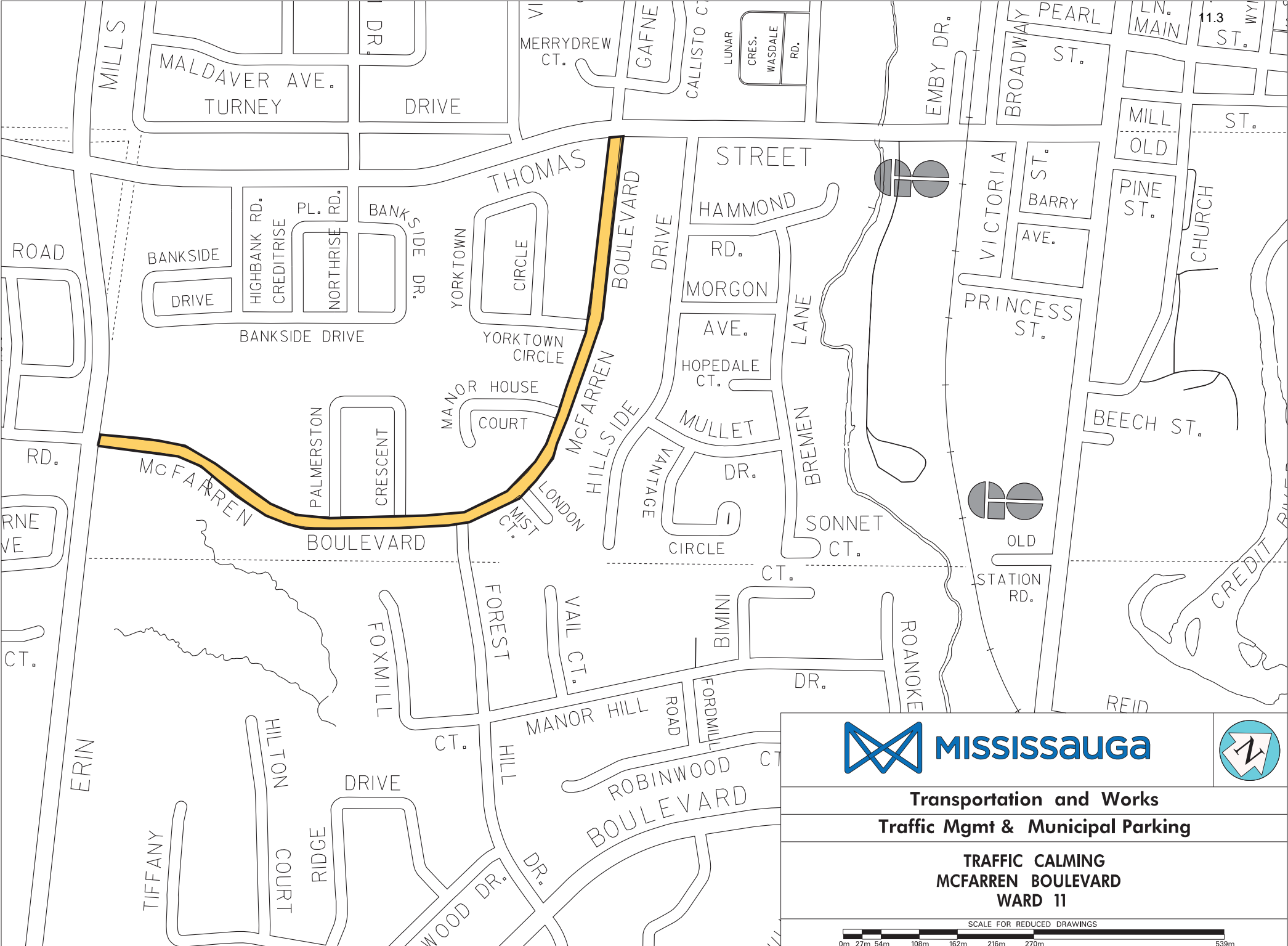


Transportation and Works
Traffic Mgmt & Municipal Parking

TRAFFIC CALMING
ENVOY DRIVE & TABBYMAN WALK
WARD 11







**MISSISSAUGA**



Transportation and Works
Traffic Mgmt & Municipal Parking

TRAFFIC CALMING
MCFARREN BOULEVARD
WARD 11



