

City of Mississauga Corporate Report



Date: March 4, 2024 To: Chair and Members of General Committee	Originator's files: RT.10.ZVAR
From: Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works	Meeting date: March 27, 2024

Subject

2024 Traffic Calming Program (Ward 1, Ward 5, Ward 6, Ward 7, Ward 8, Ward 10, and Ward 11)

Recommendation

1. That the report from the Commissioner of Transportation and Works, dated March 4, 2024 entitled "2024 Traffic Calming Program (Ward 1, Ward 5, Ward 6, Ward 7, Ward 8, Ward 10 and Ward 11)" be approved.
2. That the report from the Commissioner of Transportation and Works, dated March 4, 2024 entitled "2024 Traffic Calming Program (Ward 1, Ward 5, Ward 6, Ward 7, Ward 8, Ward 10 and Ward 11)" be referred to the Mississauga School Traffic Safety Action Committee, the Mississauga Cycling Advisory Committee, and the Mississauga Road Safety Committee for information.

Executive Summary

- Henley Road (Ward 1), Darcel Avenue (Ward 5), Heatherleigh Avenue (Ward 6), White Clover Way (Ward 6), Camilla Road (Ward 7), Colonial Drive (Ward 8), Forest Park Drive (Ward 10), Bancroft Drive (Ward 11), and Old Derry Road (Ward 11) are being recommended for the installation of physical traffic calming.
- Following a public consultation process, no significant opposition was received by each respective local community.
- Funds allocated from the Traffic Calming Program Capital budget are being utilized for each project, apart from Henley Road which is utilizing Special Project Ward Funding from Ward 1.
- 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 2023/24, staff prioritized 8 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 roadways. The 8 projects would be funded through the available Traffic Calming capital funding. In addition to these 8 locations, one location has been identified by the Ward 1 Councillor to be prioritized and funded through the Special Project Ward Funding.

The following locations were identified:

- Henley Road (Appendix 1)
- Darcel Avenue (Appendix 2)
- Heatherleigh Avenue (Appendix 3)
- White Clover Way (Appendix 4)
- Camilla Road (Appendix 5)
- Colonial Drive (Appendix 6)
- Forest Park Drive (Appendix 7)
- Bancroft Drive (Appendix 8)
- Old Derry Road (Appendix 9)

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

Henley Road	Posted Speed (km/h)	85th Percentile Speed (km/h)
Multiple location average	40	49

Darcel Avenue	Posted Speed (km/h)	85th Percentile Speed (km/h)
School Zone	30	46
Multiple location average	40	54

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Heatherleigh Avenue	Posted Speed (km/h)	85th Percentile Speed (km/h)
Multiple location average	40	55

White Clover Way	Posted Speed (km/h)	85th Percentile Speed (km/h)
Multiple location average	40	55

Camilla Road	Posted Speed (km/h)	85th Percentile Speed (km/h)
Multiple location average	40	58

Colonial Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
Multiple location average	40	50

Forest Park Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
School zone	30	50
Multiple location average	40	53

Bancroft Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
Multiple location average	40	52

Old Derry Road	Posted Speed (km/h)	85th Percentile Speed (km/h)
Multiple location average	40	55

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.

2023 Traffic Calming Program

In 2023, staff completed construction of traffic calming on all 18 roadways that were approved by Council. It should be noted that the 13 of the 18 roadways that received traffic calming in 2023 were Ward funded projects.

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 35% increase in speed limit compliance where physical traffic calming measures were installed.

Engagement and Consultation

Each traffic calming proposal was presented to the directly impacted residents, in the form of an online survey and, in some cases at the discretion of the Ward Councillor, 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 process, and each project is supported by the respective Ward Councillor.

Staff have consulted with all municipal and emergency services as well as MiWay. No concerns associated with the proposed traffic calming proposals were raised that would significantly impact their delivery of service.

Financial Impact

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

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Project	Estimate	PN#	Ward
Darcel Avenue 14 speed cushion installations 1 raised crossing 1 all-way stop	\$170,000	23199	Ward 5
Heatherleigh Avenue 12 speed cushion installations 1 all-way stop	\$115,000	B20199	Ward 6
White Clover Way 7 speed cushion installations 1 PXO	\$62,000	19199	Ward 6
Camilla Road 6 speed cushion installations 2 raised PXOs	\$178,000	22199	Ward 7
Colonial Drive 13 speed cushion installations	\$100,000	B20199	Ward 8
Forrest Park Drive 3 speed cushion installations 1 raised crossing	\$63,000	23199	Ward 10
Bancroft Drive 6 speed cushion installations 1 raised PXO	\$52,000	22199	Ward 11
Old Derry Road 7 speed cushion installations 1 raised PXO	\$88,000	19199	Ward 11

The estimated cost associated with the remaining traffic calming project in Ward 1 can be accommodated within the Special Ward 1 Funding allocated for road safety improvements:

Project	Estimate	PN#	Ward
Henley Road 2 speed cushion installations	\$14,000	B22199	Ward 1

Conclusion

Through consultation with the Ward Councillors and local residents, staff are recommending the installation of physical traffic calming measures on Henley Road, Darcel Avenue, Heatherleigh Avenue, White Clover Way, Camilla Road, Colonial Drive, Forest Park Drive, Bancroft Drive, and Old Derry Road to increase roadway safety and reduce operating speeds.

Attachments

Appendix 1: Location Map – Traffic Calming Henley Road (Ward 1)

Appendix 2: Location Map – Traffic Calming Darcel Avenue (Ward 5)

Appendix 3: Location Map – Traffic Calming Heatherleigh Avenue (Ward 6)

Appendix 4: Location Map – Traffic Calming White Clover Way (Ward 6)

Appendix 5: Location Map – Traffic Calming Camilla Road (Ward 7)

Appendix 6: Location Map – Traffic Calming Colonial Drive (Ward 8)

Appendix 7: Location Map – Traffic Calming Forest Park Drive (Ward 10)

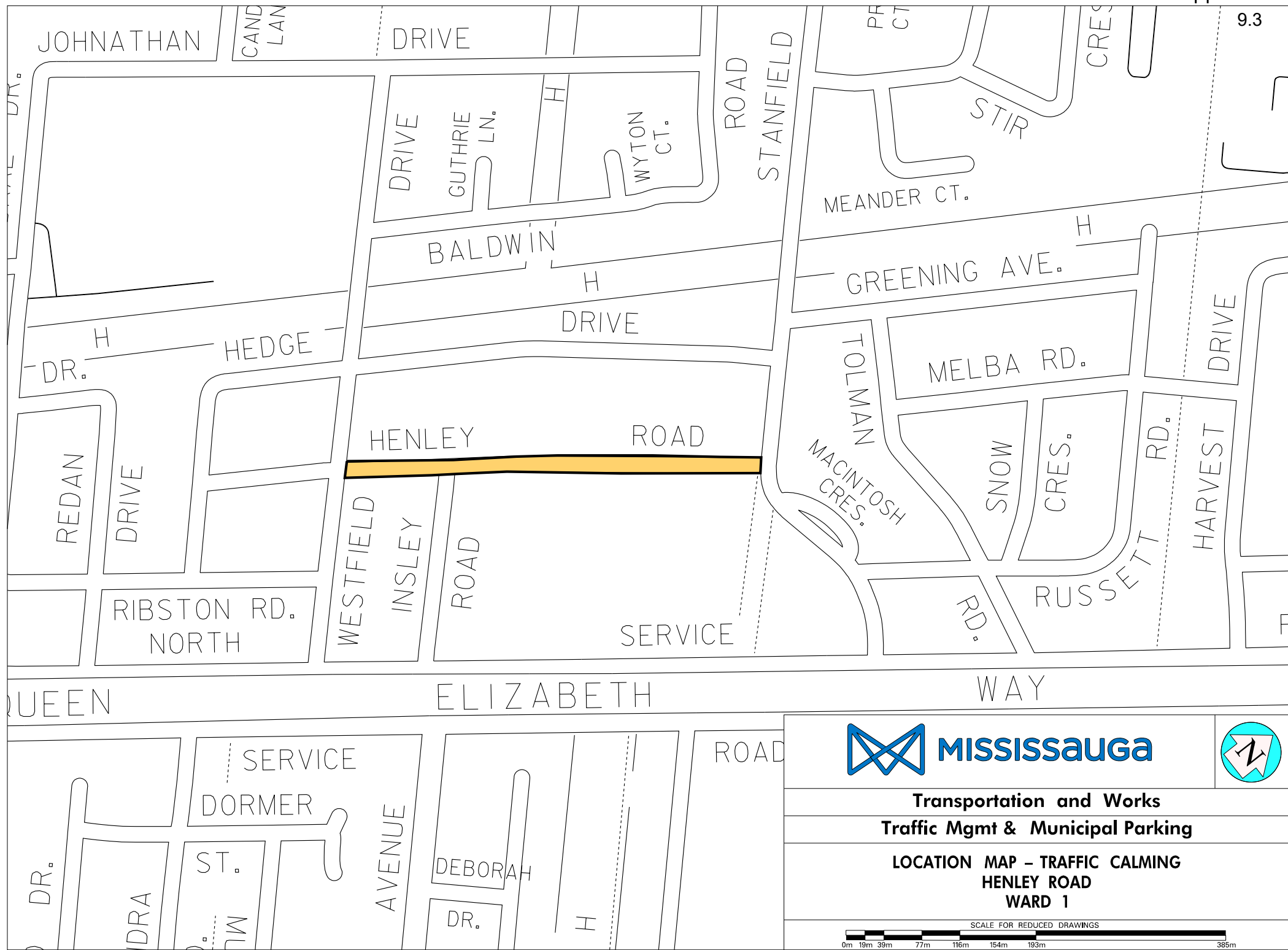
Appendix 8: Location Map – Traffic Calming Bancroft Drive (Ward 11)

Appendix 9: Location Map – Traffic Calming Old Derry Road (Ward 11)



Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works

Prepared by: Maxwell Gill, C.E.T., Supervisor, Road Safety

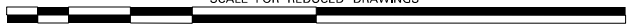


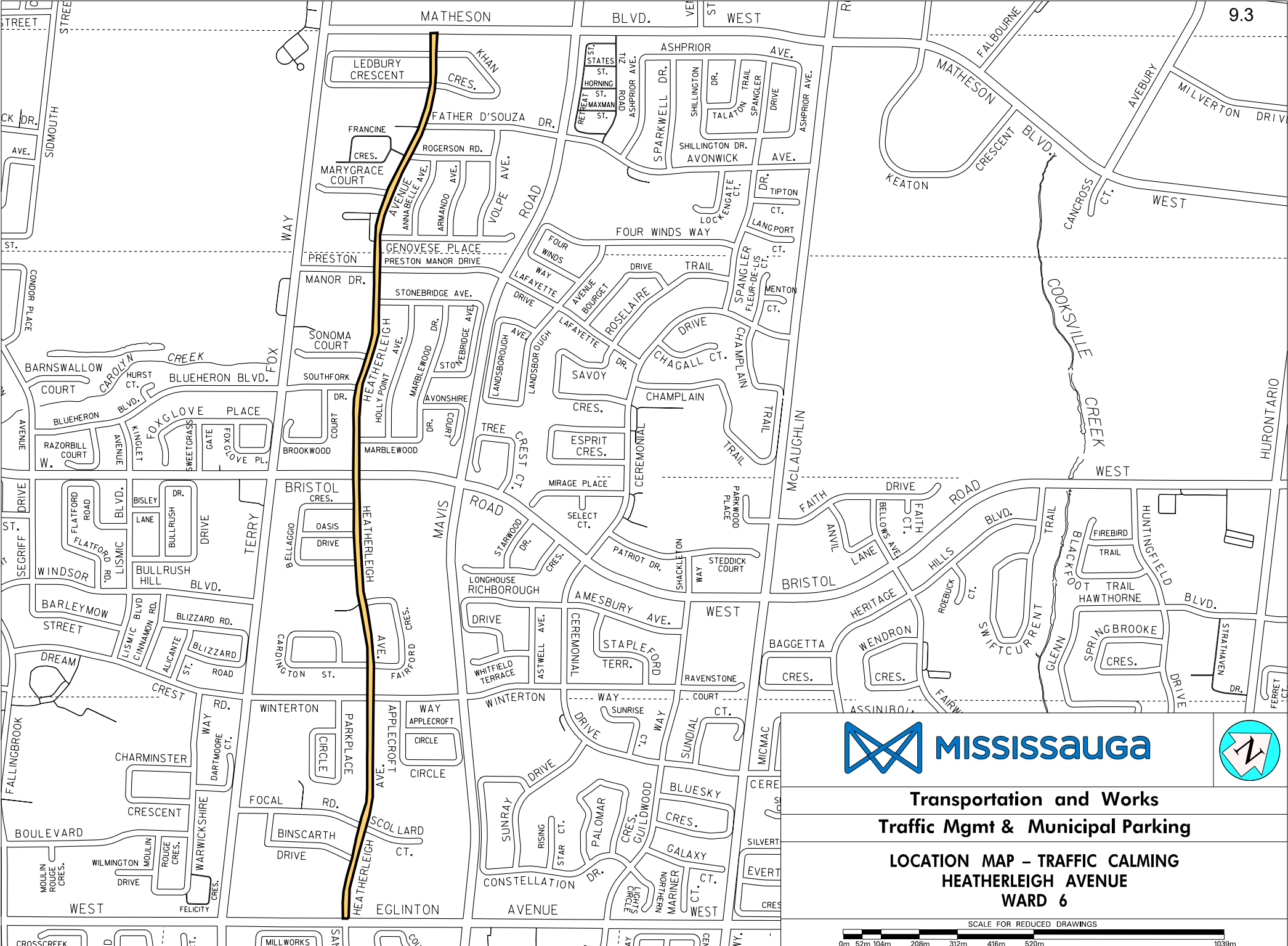
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LOCATION MAP - TRAFFIC CALMING
HENLEY ROAD
WARD 1



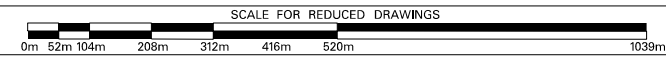


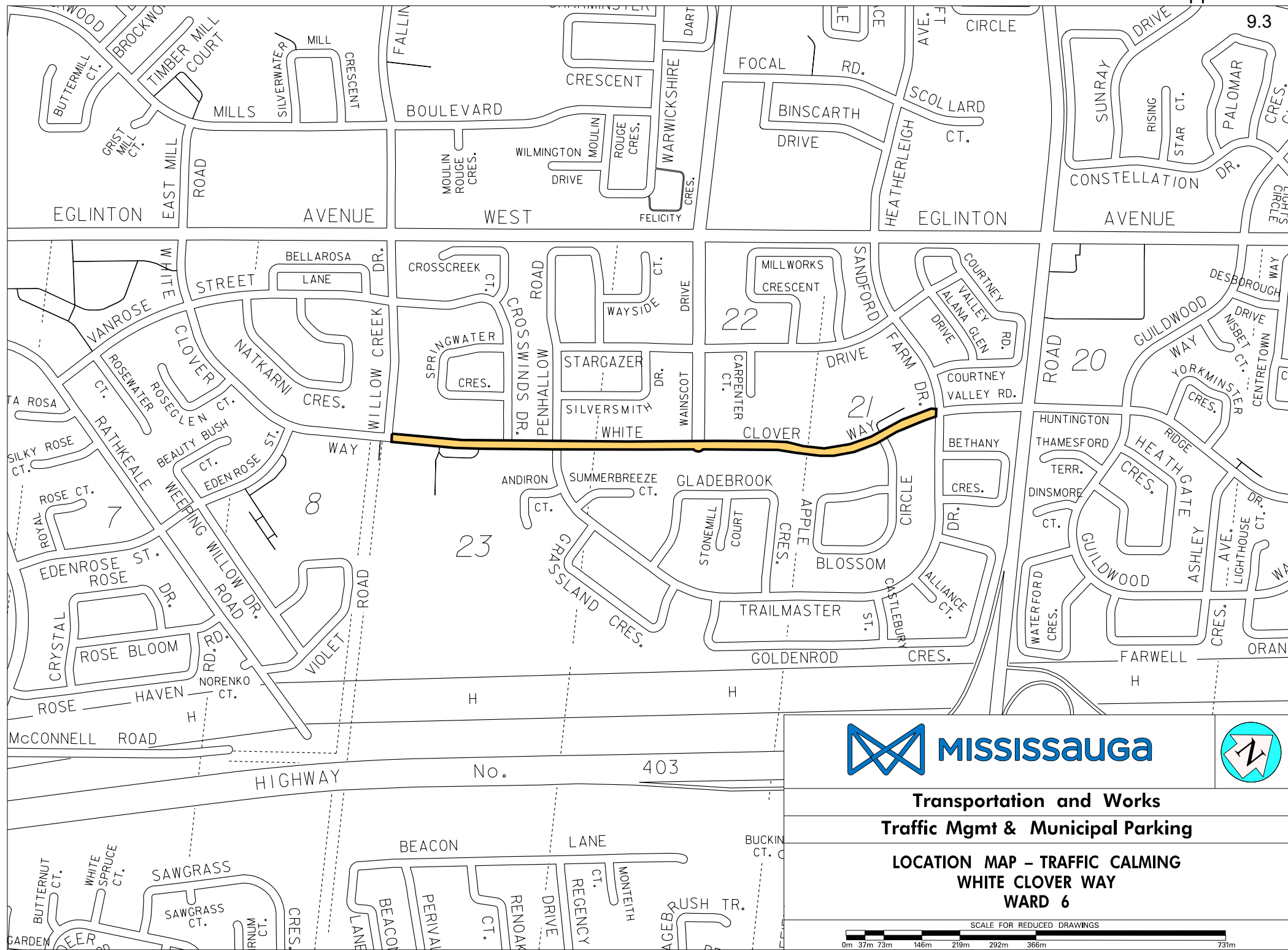
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Transportation and Works Traffic Mgmt & Municipal Parking	
LOCATION MAP – TRAFFIC CALMING DARCEL AVENUE WARD 5	
SCALE FOR REDUCED DRAWINGS 	



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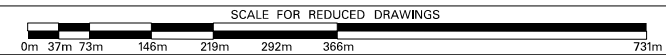
LOCATION MAP - TRAFFIC CALMING
HEATHERLEIGH AVENUE
WARD 6

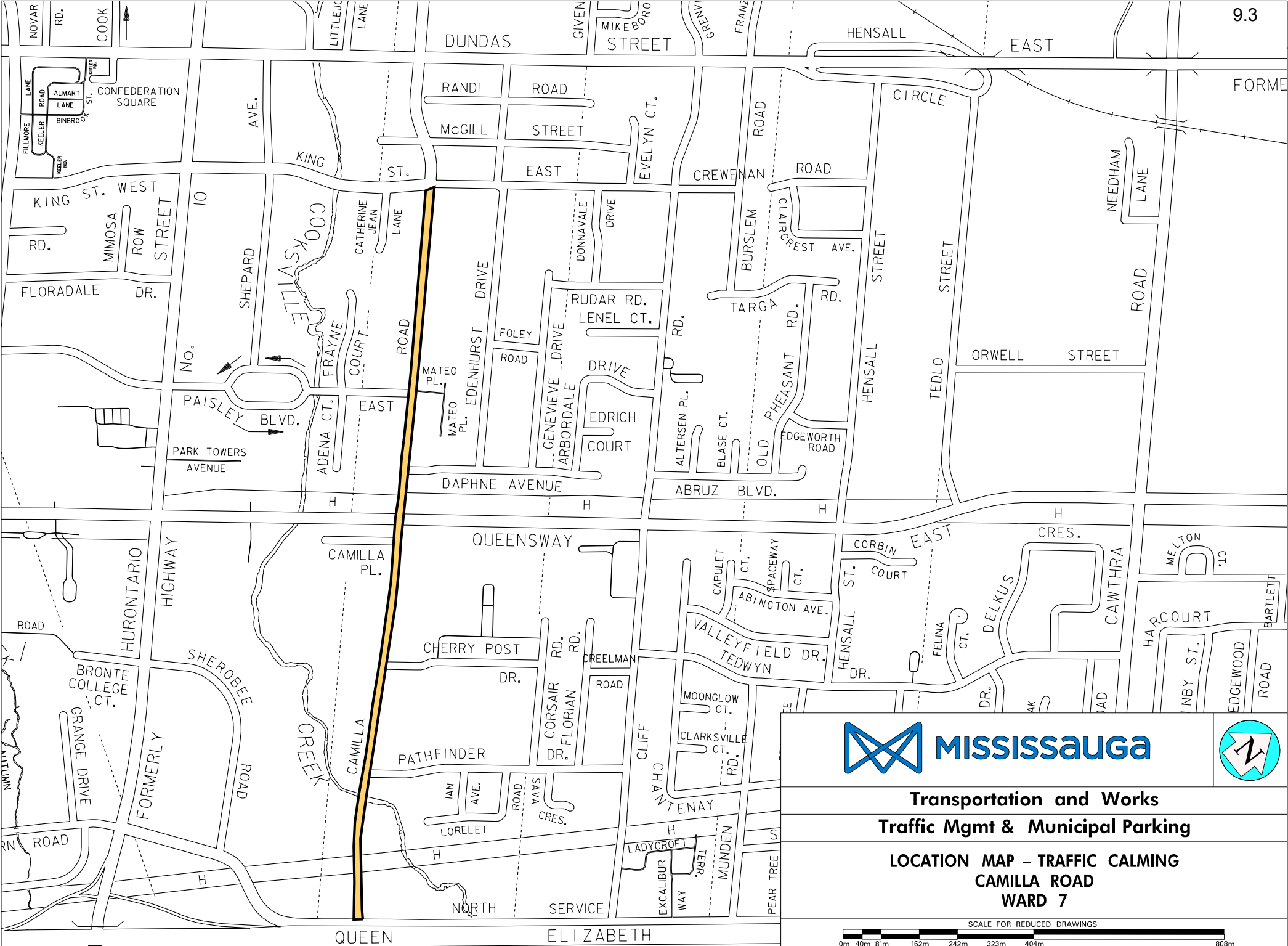




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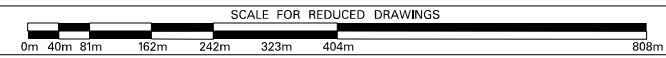
LOCATION MAP - TRAFFIC CALMING
WHITE CLOVER WAY
WARD 6

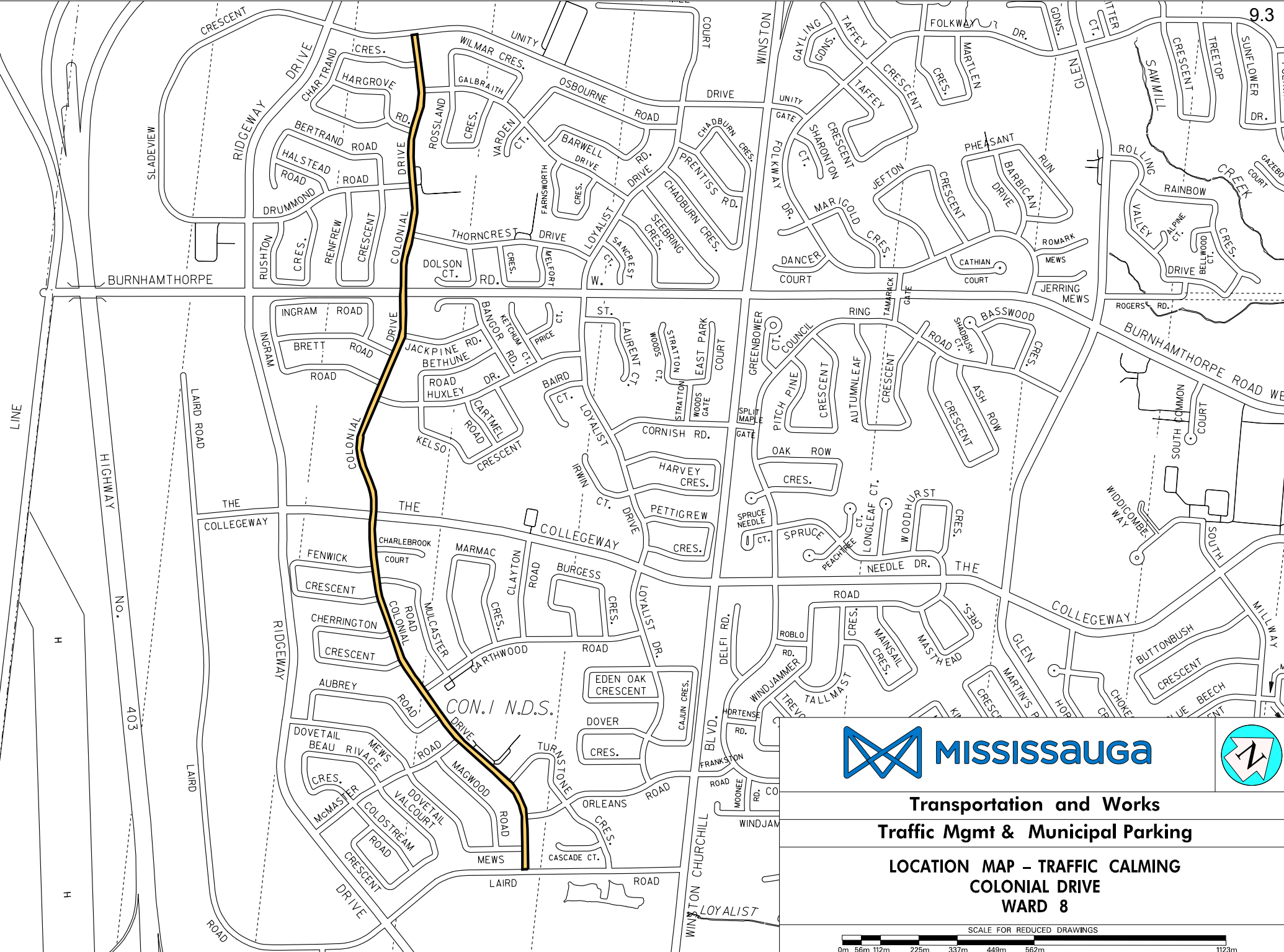




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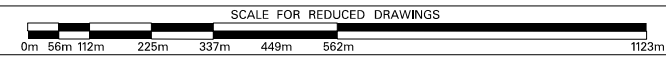
LOCATION MAP - TRAFFIC CALMING
CAMILLA ROAD
WARD 7

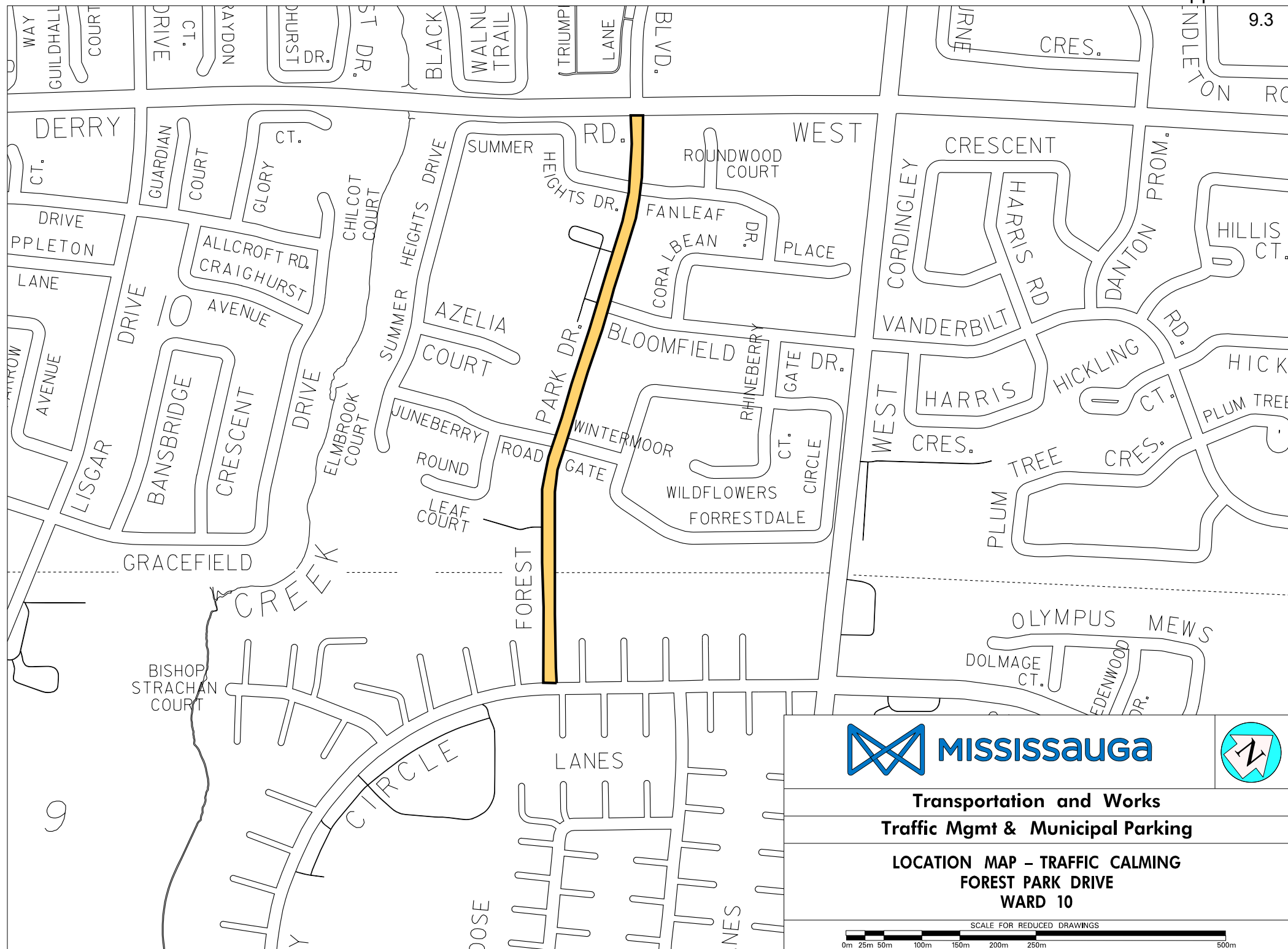


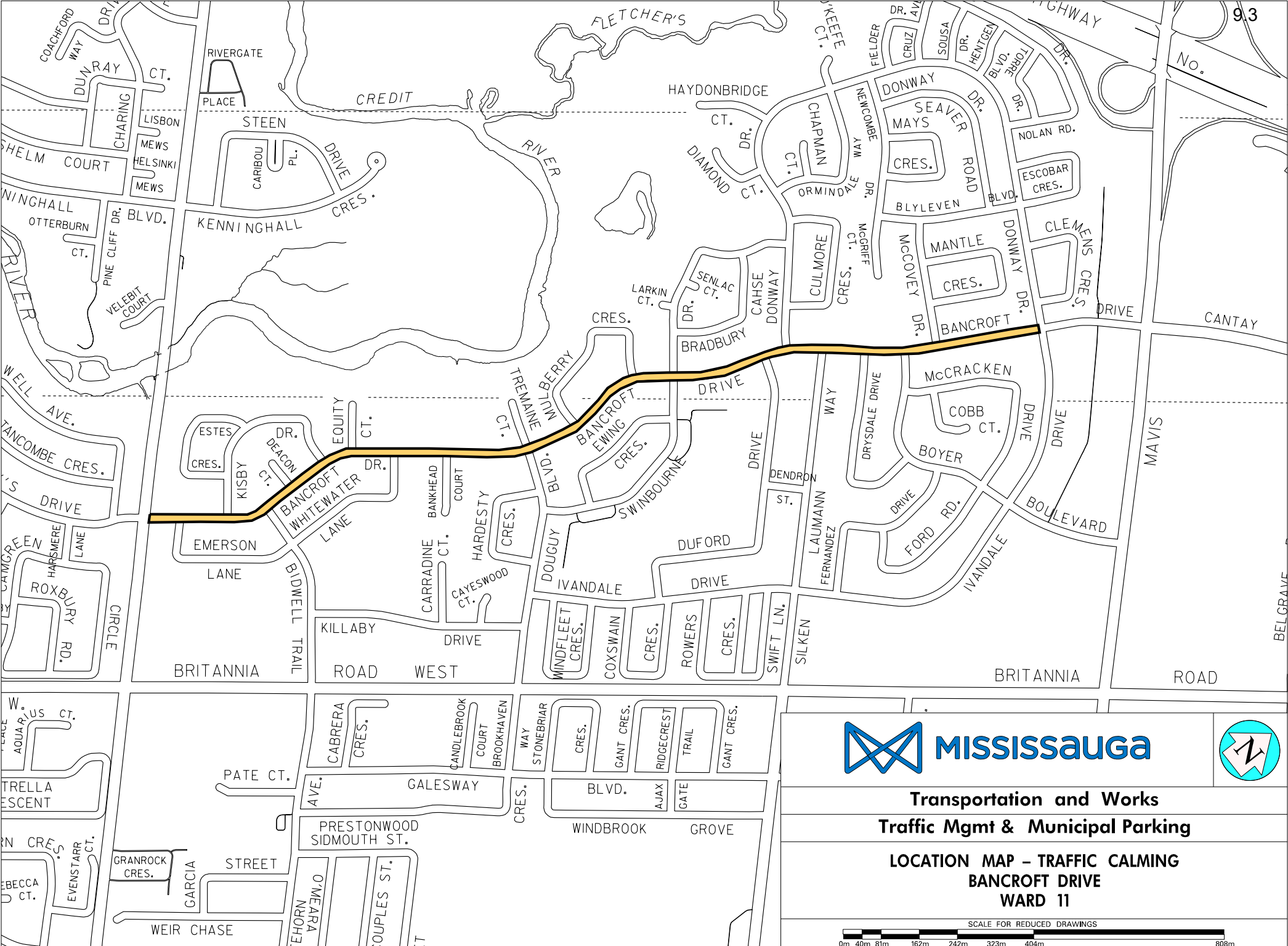


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LOCATION MAP - TRAFFIC CALMING
COLONIAL DRIVE
WARD 8







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LOCATION MAP - TRAFFIC CALMING
BANCROFT DRIVE
WARD 11

