

City of Mississauga Corporate Report



Date: May 20, 2022 To: Chair and Members of Heritage Advisory Committee	Originator's files:
From: Jodi Robillos, Commissioner of Community Services	Meeting date: June 14, 2022

Subject

Guiderail Replacement, Second Line West (Ward 11)

Recommendation

That the proposal to replace and extend the guiderail Second Line West as per the Corporate Report from the Commissioner of Community Services dated May 20, 2022 be approved with the following condition:

- a) That the guiderail be treated with a vinyl wrap to mitigate the visual impacts of the infrastructure in the community.

Executive Summary

- Public spaces within the Meadowvale Village Heritage Conservation District are designated under Part V of the Ontario Heritage Act.
- The City's Capital Infrastructure Department is required to replace the guiderail along Second Line West.
- Updates to the Province's Road Safety Manual require a longer guiderail with end treatments and steel posts instead of the existing metal posts.
- The Road Safety Manual does not take heritage character into account for such infrastructure however it should be approved as the guiderail is critical infrastructure.

Background

The City of Mississauga's Capital Infrastructure and Works team is required to replace and expand the guiderail along the west side of Second Line West, north of Barberry Lane, as it is in poor condition no longer meets the safety requirements set forth in provincial regulation. This portion of Second Line West is within the Meadowvale Village Heritage Conservation District.

Public spaces within the Meadowvale Village Heritage Conservation District are designated under Part V of the Ontario Heritage Act. Repair and replacement work within public areas is considered a non-substantive alteration under the District Plan.

Comments

The current provincial standards require changes to the materials, composition and length of the guiderail. Appendix 1 is an engineer's memo which outlines the hazards and considerations taken into account for the design of the new guiderail and Appendix 2 are the construction design and material drawings.

The alterations to the guiderail are as follows:

- Extension of the guiderail 40 m to the north;
- Replacement of all wooden posts with steel posts, as the wooden posts are rotten and cannot support the guiderail on the slope;
- Flared end treatments and snow plow markers.

Infrastructure related to roads is governed by the Ontario Road Manual, which was updated in 2019. The updated version of the manual no longer includes many of the infrastructure treatments and designs that are deemed compatible with heritage areas. Specifically, the Meadowvale Village Heritage Conservation District Plan upholds the rural heritage character of Second Line West. The Ministry of Transportation no longer deems the use of more heritage and rural forms of infrastructure, such as post and cable, adequate for road safety. Further upgrades, such as high-visibility end treatments, are also required so that the infrastructure does not suffer damage from snow plows and drivers.

The City is required to adhere to the Ontario Road Manual and all Provincial regulation. The City's Capital Infrastructure team have worked to find a design that has the lowest impact on the character of the Village, meets Provincial regulation, and provides a measure of safety to the adjacent designated properties.

Financial Impact

There are no financial impacts resulting from the Recommendations in this report.

Conclusion

The City of Mississauga's Capital Infrastructure and Works team are replacing the guiderail on the west side of Second Line West, north of Barberry Lane. This work is required under Provincial regulation and so should be approved with the condition that the infrastructure be mitigated with a vinyl wrap to lessen the visual impact to the heritage character of the village.

Attachments

Appendix 1: Memo - Guiderail Replacement - Second Line West

Appendix 2: Construction Designs - Guiderail - Second Line West

A handwritten signature in black ink, appearing to read "Jodi Robillos", is written over a horizontal line.

Jodi Robillos, Commissioner of Community Services

Prepared by: John Dunlop, Manager, Heritage Planning and Indigenous Relations