



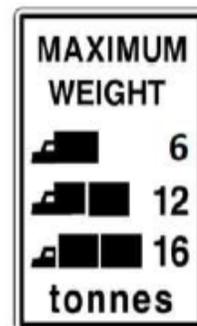
COMMUNICATION UPDATE

TO:	Mayor and Members City Council
DATE:	March 16, 2021
SUBJECT:	Bridge # 346 Load Restrictions, Centre Rd, 195m south of Carlisle Rd (ENG21002) (Ward 15)
WARD(S) AFFECTED:	Ward 15
SUBMITTED BY:	Gord McGuire Director, Engineering Services Public Works Department
SIGNATURE:	

Engineering Services conducts routing inspections on all bridge structures in Hamilton every two years in accordance with the Ontario Structure Inspection Manual under Ontario Regulation 472/10. These routine inspections combined with a subsequent Structural Evaluation Report completed by Morrison Hershfield Ltd recommend that the City reduce the maximum vehicular loading on Bridge # 346, Centre Road, located 195 meters south of Carlisle Road.

Load restriction signs will be posted for the bridge on March 17, 2021 and a by-law amendment will be presented to Council for approval on March 31, 2021 in order to enforce the load restrictions as per recommended triple posting (Single/Tandem/Tridem Axle Weight Limit), calculated in accordance with the Canadian Highway Bridge Design Code (Clause 14.17.2.2), as shown below.

Axle Type	Axle Weight Limit (Tonnes)
Single Axle	6
Tandem Axle	12
Tridem Axle	16



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Capital rehabilitation of this bridge is identified for implementation in 2025, with consideration of advancing works to 2023 due to the current condition. The capital strategy is expected to restore the original loading capacity. Regular inspections will continue to monitor the condition of the structure.

Due to the size of the material the report is available for review.

For further information please contact Erika Waite at (905) 546-2424, extension 6397.

APPENDICES AND SCHEDULES ATTACHED

None