

Report to:



Traffic (Victoria Avenue) Bridge 2009 Bridge Inspection Report

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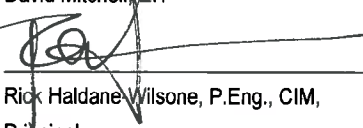
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Report to:



TRAFFIC (VICTORIA AVENUE) BRIDGE 2009 BRIDGE INSPECTION REPORT

JANUARY 2010

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| Prepared by |  _____ | Date | <u>Feb 3/2010</u> |
| | David Mitchell, EIT | | |
| Reviewed by |  _____ | Date | <u>Feb 3/2010</u> |
| | Rick Haldane, P.Eng., CIM, Principal | | |

DM/ac

WARDROP

400-386 Broadway, Winnipeg, Manitoba R3C 4M8
Phone: 204-956-0980 Fax: 204-957-5389 E-mail: winnipeg@wardrop.com

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1.0 INTRODUCTION

Wardrop Engineering Inc. was retained by the City of Saskatoon (City) to undertake a detailed visual inspection of the main truss spans of the ageing Traffic (Victoria Avenue) Bridge. The inspection took place from October 14 to October 16, 2009. The weather for both days was cloudy and windy with light flurries and temperature ranging between -2°C and 5°C. The inspection of the above deck portions of the main truss was conducted from deck level using an articulated Z35 Genie lift. Wardrop was also able to undertake visual inspection of the lower sway bracing of Span 1, Span 2 between joints L1 and L2, and Span 5 between joints L6 and L7. The inspections were performed by Mr. David Mitchell and Mr. Carlos Mota, P.Eng.

The intent of the inspection was to report on any notable deficiencies with the truss structure, noting that the lower chord, lower chord connections, and bearings were not accessible. Special access must be arranged to properly inspect the below deck superstructure. This report documents the findings of Wardrop and provides recommendations to the City, for consideration, with respect to future inspection work and maintenance.