Agenda – Council - February 20, 2008

Report – Standing Policy Committee on Infrastructure Renewal and Public Works – February 5, 2008

Item No. 3 Amendment to the City of Winnipeg Traffic By-law No. 1573/77 – Hamilton Avenue Crossing of Sturgeon Creek
File ST-5.2

STANDING COMMITTEE RECOMMENDATION:

On February 13, 2008, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works and submits the following to Council:

1. That the City of Winnipeg Traffic By-law No. 1573/77 be amended by deleting Section (B) (3) of Schedule 6, being a restriction that limits the gross vehicle weight of vehicles on the Hamilton Avenue crossing of Sturgeon Creek to 36,500 kilograms.

2. That the City Solicitor/Manager of Legal Services be requested to prepare the necessary amending By-law for submission to Council for approval.

3. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing.

Agenda – Council - February 20, 2008

Report – Standing Policy Committee on Infrastructure Renewal and Public Works – February 5, 2008

DECISION MAKING HISTORY:

EXECUTIVE POLICY COMMITTEE RECOMMENDATION:

On February 13, 2008, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works and submitted the matter to Council.

STANDING COMMITTEE RECOMMENDATION:

On February 5, 2008, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Winnipeg Public Service and submitted the matter to the Executive Policy Committee and Council.

RE: AMENDMENT TO THE CITY OF WINNIPEG TRAFFIC BY-LAW NO. 1573/77 – HAMILTON AVENUE CROSSING OF STURGEON CREEK

FOR SUBMISSION TO: STANDING POLICY COMMITTEE ON INFRASTRUCTURE RENEWAL AND PUBLIC WORKS

ORIGINAL REPORT SIGNED BY: Director of Public Works

REPORT DATE: January 8, 2008

RECOMMENDATION(S):

That:

1. The City of Winnipeg Traffic By-Law No. 1573/77 be amended by deleting Section (B) (3) of Schedule 6, being a restriction that limits the gross vehicle weight of vehicles on the Hamilton Avenue crossing of Sturgeon Creek to 36,500 kilograms; and that

2. The City Solicitor/Manager of Legal Services be requested to prepare the necessary amending By-law for submission to Council for approval.

Report Summary

Key Issues:

- The bridge deck has been replaced on the Hamilton Avenue crossing of Sturgeon Creek and is now open to public usage.

- This rehabilitated bridge has been designed to carry all current legal vehicles having a gross vehicle weight equal to that legally allowed on the vast majority of City bridges and all City streets.

- There is no longer a need for the Traffic By-Law to specify a 36,500 kilogram weight restriction on the Hamilton Avenue crossing of Sturgeon Creek.

Implications of the Recommendation(s):

General Implications

x None
For the organization overall and/or for other departments
For the community and/or organizations external to the City
Involves a multi-year contract

Comment(s): The recommendations contained herein are consistent with past practice of amending the Traffic By-Law whenever the weight carrying capacity of a bridge is increased either as a result of structural upgrading or complete replacement of a bridge structure with a design meeting current standards.

Policy Implications

x No
Yes

Comment(s): The recommendation contained herein is consistent with the Public Works Department's practice whenever a bridge is upgraded to current standards and made available to public usage.

Regulatory Implications

None
x Eliminates or reduces regulatory impact
Proposes regulatory impact

Comment(s): The 36,500 kg weight restriction on the bridge structure is no longer required.

Environmental Implications

x No
Yes

Comment(s):

Human Resources Implications

x No
Yes

Comment(s):

Financial Implications

x Within approved current and/or capital budget
Current and/or capital budget adjustment required

Comment(s): There is no cost associated with implementing this recommendation.

Report

REASON FOR THE REPORT:

An amendment to The City of Winnipeg Traffic By-law No. 1573/77 requires concurrence by the Standing Policy Committee on Infrastructure Renewal and Public Works and approval by Council.

HISTORY:

The Hamilton Avenue Bridge was constructed in 1966. The original design and condition of the bridge deck slab required a posted load of 36,500 kilograms. A replacement of the bridge deck was undertaken in 2007 which allowed the bridge to be strengthened to accept current legal vehicular loads.

DISCUSSION:

Hamilton Avenue is a collector (non-Regional) street, a Bus Route, and a Snow Route. Hamilton Avenue provides a connection between Saskatchewan Avenue, Silver Avenue, Cavalier Drive and Buchanan Boulevard.

Based on a study undertaken between May 30th and June 1st, 2001, on Hamilton Avenue just north of the bridge, in a typical 12-hour weekday between 07:00 and 19:00, Hamilton Avenue carries approximately 3,000 vehicles.

Rehabilitation work on the Hamilton Avenue structure began in July 2007 and was completed in December 2007.

The rehabilitated bridge consists of two through traffic lanes in each direction divided by a centre median. The rehabilitated bridge has been designed using modern bridge design codes and is, therefore, now capable of carrying vehicles with a gross vehicle weight of up to 62,500 kilograms, being the maximum gross vehicle weight legally allowed on the vast majority of City bridges, and on all City streets, including elsewhere along Hamilton Avenue.

This rehabilitated structure is structurally capable of carrying the maximum gross vehicle weight legally permitted on the City's 2,700 kilometres of streets. Accordingly, there is no longer a requirement for a weight restriction on this new bridge structure.

It is therefore recommended that the City of Winnipeg Traffic By-law No. 1573/77 be amended by deleting Section (B) (3) of Schedule 6, being a restriction that limits the gross vehicle weight of vehicles on the Hamilton Avenue crossing of Sturgeon Creek to 36,500 kilograms.

Financial Impact Statement **Date:** January 4, 2008

Project Name:

AMENDMENT TO THE CITY OF WINNIPEG TRAFFIC BY-LAW NO. 1573/77 – HAMILTON AVENUE CROSSING OF STURGEON CREEK

COMMENTS:

There is no financial impact associated with the recommendation.

"Original Signed by Darcy Stewart, CA"

IN PREPARING THIS REPORT THERE WAS:

Internal Consultation With and Concurrence By: N/A

External Consultation With: N/A

THIS REPORT SUBMITTED BY:

Department Public Works Department
Division Transportation Engineering
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