Report - Standing Policy Committee on Public Works - November 19, 2002

6. Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition File ST (Vol. 4)

STANDING COMMITTEE RECOMMENDATION:

On November 19, 2002, the Standing Policy Committee on Public Works recommended:

1. The "Manual of Temporary Traffic Control in Work Areas on City Streets, 1994 Edition" and the revisions thereto be rescinded, and that the attached "Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition" be adopted.

2. Sections 4.13.02 and 4.13.03 of The City of Winnipeg Streets By-law No. 1481/77 and Section 16 of The City of Winnipeg Traffic By-law No. 1573/77 be amended by deleting reference to "Manual of Temporary Traffic control in Work Areas on City Streets" and substituting therefore "Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition.

3. The City Solicitor/Manager of Legal Services be advised to prepare and submit the necessary amending By-laws to Council for approval.

4. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing, including the execution of any documents related thereto.

Public Works Department

Re: MANUAL OF TEMPORARY TRAFFIC CONTROL IN WORK AREAS ON CITY STREETS, 2003 EDITION

For submission to: **STANDING POLICY COMMITTEE ON PUBLIC WORKS**

Original report signed by: **J.A. Thomson, P. Eng., Director of Public Works**

Report date: **October 30, 2002**

In Camera item: ☐ **Yes** ☒ **No**

Recommendation(s): That:

1) The "Manual of Temporary Traffic Control in work Areas on City Streets, 1994 Edition" and the revisions thereto be rescinded, and that the attached "Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition" be adopted;
2) Sections 4.13.02 and 4.13.03 of The City of Winnipeg Streets By-law No. 1481/77 and Section 16 of The City of Winnipeg Traffic By-law No. 1573/77 be amended by deleting reference to "Manual of Temporary Traffic Control in Work Areas on City Streets" and substituting therefore "Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition; and,
3) The City Solicitor/Manager of Legal Services be advised to prepare and submit the necessary amending By-laws to Council for approval.

Report Summary

Key Issues:

1) Standards for the placement of temporary traffic control signs and devices on Winnipeg streets are regulated by provisions contained in "The Manual of Temporary Traffic Control in Work Areas on City Streets".
2) The requirement to comply with the provisions of this Manual is contained in both The City of Winnipeg Streets By-law No. 1481/77 and The City of Winnipeg Traffic By-law No. 1573/77.
3) Periodically, this Manual is revised in response to changing circumstances, new technologies, product enhancement, improvement in device arrangement, and up-dated Canadian standards.
4) "The Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition" includes the Council approved amendments to the Manual since the publication of the last edition, as well as revisions that, are deemed to be superior for safe and efficient temporary traffic control in urban areas.

Implications of the Recommendation(s):

General Implications

- ☐ None
- ☒ For the organization overall and/or for other Departments
- ☒ For the community and/or organizations external to the City of Winnipeg
- ☐ Involves a multi-year contract

Comment: All contractors, utilities and city departments are obliged to follow the provisions in this Manual to maintain the safety of their workers and the public that uses these streets.

Policy Implications

- ☒ No
- ☐ Yes

Comment:

Financial Implications

- ☒ Within approved current and/or capital budget
- ☐ Current and/or capital budget adjustment required

Comment: A fee is charged for printing materials of this Manual.

Report

Recommendation(s): That:

1) The “Manual of Temporary Traffic Control in Work Areas on City Streets, 1994 Edition” and the revisions thereto be rescinded, and that the attached “Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition” be adopted;
2) Sections 4.13.02 and 4.13.03 of The City of Winnipeg Streets By-law No. 1481/77 and Section 16 of The City of Winnipeg Traffic By-law No. 1573/77 be amended by deleting reference to “Manual of Temporary Traffic control in Work Areas on City Streets” and substituting therefore “Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition; and,
3) The City Solicitor/Manager of Legal Services be advised to prepare and submit the necessary amending By-laws to Council for approval.

Reason for the Report:

Amendments to The City of Winnipeg Streets By-law and The City of Winnipeg Traffic By-law require approval by the Standing Policy Committee on Public Works prior to adoption by Council.

Discussion:

The Manual of Temporary Traffic Control in Work Areas on City Streets contains information to ensure safe conditions for motorists, cyclists, pedestrians, and workers on City streets where unusual and temporary conditions exist as a result of work being conducted within the public right-of-way. The Manual shows arrangements for effective traffic control, applications of the methods of work site enclosure, general principles and detailed methods of temporary traffic control for many typical circumstances. The responsibilities of any City Department, Public Utility or Construction Agency undertaking work in The City of Winnipeg are defined in this Manual.

The requirement to comply with the provisions of this Manual is contained in both The City of Winnipeg Streets By-law No. 1481/77 and The City of Winnipeg Traffic By-law No. 1573/77. The last version of this Manual is the 1994 Edition.

Over time, traffic operating circumstances change, new technologies, equipment and methodologies emerge, products are enhanced, and the TAC Council of Uniform Traffic Control Devices for Canada adopts revised standards for signs and devices.

“The Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition” includes approved amendments to the Manual since the publication of the 1994 Edition, as well as revisions that are deemed to be superior for safe and efficient temporary traffic control in urban areas.

Some of the more significant changes that are included in the 2003 Edition of the Manual are:

(1) Authorization of the use of “Tall Cones” in lieu of Construction Markers in areas where it is impractical to maintain Construction Markers.

(2) Authorization of the use of “Traffic Control Barrels” in lieu of Chevron Markers if desired by the agency.

(3) The prohibition of the use of circular bases such as tire rims as pedestals for traffic control devices in order to minimize the potential for dislodged round bases being inadvertently rolled into the adjacent traffic lane and into the path of on-coming traffic.

(4) Inclusion of new displays (such as on pages 29, 33, 41 and 43) depicting a traffic diversion for a two-lane re-alignment to expedite traffic in a more efficient manner.

(5) Inclusion of an Area Map (page 8) of that portion of the community of St. Boniface within which bilingual signing is mandated, thereby making contractors more aware of their obligation in this regard.

(6) Notification that effective January 1, 2010 individuals responsible for supervising the placement of temporary traffic control devices at worksites must be certified.

(7) Notification that effective January 1, 2010 all temporary traffic signs, traffic barricades and traffic control devices must be Level 1 (High Intensity Canadian Standard) retroreflective sheeting.

In preparing this report, there was consultation with other City Departments.

This Report Submitted by:

Department:	Public Works Department
Division:	Transportation Division
Prepared by:	Carl Sitarz, Traffic Analyst ..... Phone No: 986-5067
Processed by:	Carol Kawaza, Secretary for Traffic Management. Phone No: 986-5288
File name:	MANUALOFTEMPORARYTRAFFICCONTROL2003REPORT

Approved by Divisional Accountant Trainee: ☑

Project Name: **First Year of Program** **2003**

Manual of Temporary Traffic Control in Work Areas On City Streets, 2003 Edition

	2003	2004	2005	2006	2007
Capital					
Capital Expenditures Required	$ -	$ -	$ -	$ -	$ -
Less: Existing Budgeted Costs	-	-	-	-	-
Additional Capital Budget Required	$ -	$ -	$ -	$ -	$ -
Funding Sources:					
Debt - Internal	$ -	$ -	$ -	$ -	$ -
Debt - External	-	-	-	-	-
Grants (Enter Description Here)	-	-	-	-	-
Reserves, Equity, Surplus	-	-	-	-	-
Other - Enter Description Here	-	-	-	-	-
Total Funding	$ -	$ -	$ -	$ -	$ -
Total Additional Capital Budget Required	$ -				
Total Additional Debt Required	$ -				
Current Expenditures/Revenues					
Direct Costs	$ 25,000	$ -	$ -	$ -	$ -
Less: Incremental Revenue/Recovery	25,000	-	-	-	-
Net Cost/(Benefit)	$ -	$ -	$ -	$ -	$ -
Less: Existing Budget Amounts	-	-	-	-	-
Net Budget Adjustment Required	$ -	$ -	$ -	$ -	$ -

Additional Comments:

The above amounts represent the approximate cost of printing the manual and then the incremental revenue from the public sale of the manual.

Original signed by Darcy Stewart, CA
Manager of Finance & Administration



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