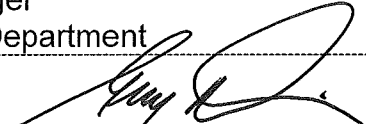


Hamilton

INFORMATION REPORT

5.2

TO: Chair and Members Public Works Committee	WARD(S) AFFECTED: CITY WIDE
COMMITTEE DATE: September 3, 2013	
SUBJECT/REPORT NO: Standard and Approved Products Committee (PW13062) - (City Wide)	
SUBMITTED BY: Gerry Davis, CMA General Manager Public Works Department	PREPARED BY: Gary Moore (905) 546-2424, Extension 2382
SIGNATURE: 	

Council Direction:

As approved by Council, Policy #14: Standardization of City of Hamilton's Procurement Policy requires an annual Information report outlining the rationale for any standardization of Goods added to the City's Approved Products Listing, the number of Goods standardized and any standardized good resulting in a single source purchase. This report is for the period of June 2012 to June 2013.

Information:

The Standards Review and New Products Committee is made up of representatives from Hamilton Water, Traffic, Road Operations, Design, Street Lighting, Construction and Development Engineering.

The group develops, reviews and implements construction and maintenance related specifications for horizontal linear assets (road, water, sewer) and reviews and approves applications for products to be added to the City Approved Products List for the works related to Road, Water, Sewer, Traffic and Street Lighting works.

The group has recently made a number of improvements to the Approved Products List. By combining three separate lists into one, contractors/suppliers and staff using the list are easily able to find approved products in one location. This new list is broken down into four sections water, sewer, street lighting and traffic signal infrastructure for easy reference. Other changes include an expansion of the street lighting listing to reflect the use of LED lighting technology and a new section for traffic signal underground infrastructure.

Seven applications for new products have been received from six applicants since June 2012. None have resulted in the requirement for single source purchasing.

**SUBJECT: Standards and Approved Products Committee
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Revision number 4 to the City of Hamilton Construction and Material Specifications Manual has been issued. This manual is widely used by consultants and internal staff of Road Operations, Hamilton Water, Corridor Management and the Construction section of Public Works as well as Development Engineering. The Committee provides a platform for cross-departmental participation in the review and updating of construction specifications and materials standards.

The most recent update of the manual was issued in June 2013. The changes are provided in Appendix "A" to Report PW13062 and included revisions to the following standards and specifications.

- a) Form 400 - Specification for the Installation of Watermains
- b) Form 500 - Specification Sewer Pipe Materials and CCTV Inspection
- c) Form 700 - Specification for Portland Cement Concrete
- d) Form 800 - Specification for How Mix Asphalt
- e) Approved Products Listing
- f) Revisions to the standard watermain index and drawings.

**STANDARDS AND APPROVED PRODUCTS COMMITTEE
UPDATE - July 2013**

The following is a brief summary of the changes initiated by or co-ordinated through the Standards and Approved Products Committee since the last update;

a) Construction and Materials Specification Manual - Revision No. 4

- Revision No. 4 was issued in June 2013.

b) Form 400 – Specification for the Installation of Watermains - Appendix “A”

- Existing sections 2.5, Disinfection of Watermains, 2.7, Bacteriological Sampling and 2.8 Sampling Results revised and updated.

c) Summary of Changes to Form 500 - Specification for Sewer Pipe Materials and CCTV Inspection:

- Specification references updated including references to Type HS cement.

d) Summary of Changes to Form 700 - Specification for Portland Cement Concrete:

- Specification references to Type GU (General Use) and HS (High Sulfate Resistant) cement updated.
- Table 700-1 - references to 30 MPa have been revised to 32 MPa.

e) Summary of Changes to Form 800 - Specification for Hot Mix Asphalt:

- Specification references updated.
- Section 800.02 - Specification for Superpave and Warm Mix added.
- List of approved Warm-Mix technologies added.
- Appendix 800-A Ministry of Transportation Laboratory Testing Method LS-318 - Practice for the Design of Superpave and Warm Mix asphalt added.

f) Summary of Revisions to the Approved Products List:

As of June 2013, all Approved Products Lists have been combined into one document. Each discipline will have it's own section as follows:

- Section 1 - Approved Watermain Products List
- Section 2 - Approved Sewer Products List
- Section 3 - Approved Street Lighting Products List
- Section 4 - Approved Traffic Products List

Revisions to the Approved Watermain Products List - Section 1:

- Specification and standards references updated.
- PetroWrap added to the Corrosion Protection category.
- Bionax PVCO pipe removed from the Approved Products List.
- Tapping sleeves – Specification references to size on size tapping configurations removed. This practice no longer permitted.
- Pipe restraint for ductile iron pipe - Stargrip Series 3000 and 3100 accepted size range increased up to and including 1200mm.

Revisions to the Approved Sewer Products List - Section 2:

- Specification references updated including references to Type HS cement.
- Manufacturer names for Saddles updated.

Revisions to the Approved Street Lighting Products List - Section 3:

- Decorative Communication Light Pole (CLP) removed from the list.
- List expanded to include LED lighting and associated products.

Approved Traffic Signal Products List - Section 4:

- New list added for products used for underground infrastructure related to traffic signal installations.

g) Summary of Revisions to the Standard Watermain Index and Drawings:

- Index updated.
- WM-200.01 Bedding and backfill for concrete and PVC Watermains and Water Services - dimension F revised from D+700mm to D+675mm.