

PART E
SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. APPLICABLE SPECIFICATIONS, STANDARD DETAILS AND DRAWINGS

E1.1 *The City of Winnipeg Standard Construction Specifications* in its entirety, whether or not specifically listed on Form B: Prices, shall apply to the Work.

E1.1.1 *The City of Winnipeg Standard Construction Specifications* is available in Adobe Acrobat (.pdf) format on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division internet site at <http://www.winnipeg.ca/matmgt>.

E1.1.2 Further to GC:2.4(d), Specifications included in the Bid Opportunity shall govern over *The City of Winnipeg Standard Construction Specifications*.

E1.2 The following Drawings are applicable to the Work:

<u>Drawing No.</u>	<u>City Drawing No.</u>	<u>Drawing</u>
04-3032-01	05492	Cedar and Hemlock - 1st MH N.E. of MH at Hemlock Lane to MH at Cedar Pl.
04-3032-02	05493	Walmer Street (CL) - MH at Lyndale Dr. to MH at Pinedale Avenue
04-3032-03	05494	Walmer Street (CL) - MH at Pinedale Ave. to MH at Birchdale Avenue
04-3032-04	05496	Tache Avenue(CL) - MH at Eugenie Street to MH at Kitson Street (CL)
04-3032-05	05497	Tache Avenue - MH at Eugenie Street to MH at Horace Street
04-3032-06	05498	Tache Avenue - MH at Kitson Street (S. of CL) to MH at Hanbury Street
04-3032-07	05499	Des Meurons Street - MH at Yelle Street to 1st MH S. of Yelle Street
04-3032-08	05500	Des Meurons Street - MH at Marion Street (CL) to MH at Horace Street (CL)
04-3032-09	05501	Birchdale Avenue - 2nd MH N. of Lyndale Dr. to MH at Coniston Street (CL)
04-3032-10	05502	Birchdale Avenue - 1st MH N. of Highfield Street to MH at Kirkdale Street
04-3032-11	05503	Dubuc Street - MH at Hill St. to MH at Braemar St. (E. of CL)
04-3032-12	05504	Lyndale Drive - 1st MH S. of Marion Pl. to MH at Marion Pl.
04-3032-13	05505	Lyndale Drive - 2nd MH S. of Marion Pl. to 1st MH S. of Marion Pl.
04-3032-14	05506	Marion Street - MH at Des Meurons St. to Node at Enfield Cres.
04-3032-15	05507	Luxton Avenue (ROW) - 4th MH E. of Main Street to MH at St. Cross Street (CL)
04-3032-16	05508	Montague Avenue - 1st MH W. of Nassau St. Street to MH at Churchill Dr.
04-3032-17	05509	St. James Street - 5th MH S. of Maroons Rd. to 4th MH S. of Maroons Rd.

E2. PROVISIONAL ITEMS

E2.1 The Provisional Items listed in the Schedule of Prices are a part of the Contract.

E2.2 No Work listed under these provisions will be performed by the Contractor without prior authorization from the Contract Administrator. All Work carried out will be within the construction areas listed in the Specifications.

E2.3 The City reserves the right to diminish all or any portion of the work listed as Provisional Items and no claim shall be made for damages on ground of loss of anticipated profit or any other ground.

E3. TRENCHING FOR STREET LIGHTING CABLE

E3.1 Construction Methods

E3.1.1 At locations where street lighting cable is to be replaced as directed by the Contract Administrator, the Contractor shall, after completion of backfilling and grading of sewermain trenches, construct a trench suitable for the placement of street lighting cable.

E3.1.2 The trench shall be constructed on the same alignment as the street light bases or as directed by the Contract Administrator. The bottom of the trench shall be between 600mm and 750 mm below the top of curb and shall be no more than 150mm in width.

- E3.1.3 The Contractor shall provide 48 hours notice to the Contract Administrator prior to the commencement of trenching operations in order to allow coordination of the cable installation by the street lighting utility.
- E3.1.4 Upon completion of cable installation by the street lighting utility the Contractor shall backfill, compact and grade the boulevard sections disturbed. Backfill shall be Class 4 Backfill in accordance with CW 2030-R6.
- E3.1.5 Where cable is required to be installed under a driveway or the street pavement, the Contractor shall install a 50mm HDPE conduit by trenchless methods. The HDPE conduit will be supplied by the street lighting utility at no cost to the Contractor.

E3.2 Method of Measurement and Payment

E3.2.1 Street Light Cable Trenching

- (a) Trenching for the installation of street lighting cable shall be measured on a linear metre basis based on measurements taken by the Contract Administrator. Payment shall be made at the Contract Unit Price for "Street Light Cable - Trenching", measured as specified herein which price shall be payment in full for performing all operations and supplying all materials and all other items incidental to the work included in this specification.

E3.2.2 Trenchless Installation of HDPE Conduit

- (a) The trenchless installation of HDPE conduit shall be measured on a linear metre basis from shaft face to shaft face based on measurements taken by the Contract Administrator. Payment shall be made at the Contract Unit Price for "Street Light Cable – Trenchless Installation of HDPE Conduit", measured as specified herein which price shall be payment in full for performing all operations and supplying all materials and all other items incidental to the work included in this specification.

E4. BOULEVARD RESTORATION

E4.1 Construction Methods

- E4.1.1 Sodding of boulevard areas will be the only allowable method of restoring grassed areas. The use of seeding will not be allowed unless permission is previously obtained from the Contract Administrator.

E4.2 Measurement and Payment

- E4.2.1 Sodding shall be measured and paid at the Contract Unit Price as directed by the Contract Administrator. Restoration of excavated areas is to be included in the unit price of excavation works.