

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 The version in effect three (3) Business Days before the Submission Deadline shall apply.

E1.1.3 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>Drawing</u>
B123-04-01	Route 20 @ Keewatin Overpass
B123-04-02	Route 20 @ Keewatin Overpass
B123-04-03	Route 20 @ Keewatin Overpass
B123-04-04	Route 20 @ Keewatin Overpass
C301-04-01	Marion Street Culvert @ Seine River

E2. TRAFFIC CONTROL

E2.1 General

The Contractor shall supply, erect, and maintain all applicable traffic control devices in accordance with the provision contained in the latest edition of the "Manual of Temporary Traffic Control in Work Areas on City Streets, 2003 Edition," issued by the City of Winnipeg. Inform the Contract Administrator one week in advance of any lane closures at each Site so that a public notice can be issued about four days in advance of the lane closures commencing. Then inform City of Winnipeg customer services at 986-5640 one day in advance of each lane reopening.

E2.2 Construction Methods

E2.2.1 Marion Street Culvert Site

There will be no restricted closure times for the partial slab patches except that one lane in each direction must be open at all times. For the asphalt surfacing, 1 lane in each direction is to be maintained at all times except two lanes must be open in the westbound direction between 06:30 and 09:00 and two lanes open in the eastbound direction between 15:30 and 17:30 hours.

Planing in all lanes may be done before any asphalt is placed.

E2.2.2 Route 20 at Keewatin Overpass Site

There will be no restricted closure times for the partial slab patches except that one lane in each direction must be open at all times. For the asphalt surfacing one lane in each direction is to be maintained at all times except that for the first day of closures, lane closure cannot begin until 09:00 hours.

At this Site, no traffic is to be forced to travel on a planed roadway surface prior to the lane being asphalted.

E2.3 Measurement and Payment

The provision of traffic control will not be measured and will be paid for at the Contract Lump Sum Price per site for Traffic Control in accordance with this Specification, accepted by the Contract Administrator.

E3. CRACK SAW-CUTTING AND SEALING

E3.1 General

Perform saw-cutting in the new pavement above the joints in the existing pavement and seal them in accordance with CW 3250-R5 and this Specification.

It is intended that all joints in the existing pavement be located after the asphalt overlay has been placed. A saw-cut 10 mm wide x 30 mm deep is to be installed at these locations for the length of the existing joints. Fill them with hot poured sealant in accordance with the CW Specification. Should there be any cracks that develop within the warranty period that are attributable to the Contractor not locating the joints or locating them correctly, the Contractor will be required to seal them during the warranty period in accordance with the CW Specification at the Contractor's cost.

E3.2 Measurement and Payment

In accordance with CW 3250-R5.

E4. RAISE ALUMINUM BALANCED BARRIER

E4.1 General

Raise the aluminum balance barrier rail for the lengths shown on the Drawings. The rail may be raised without taking it apart if the Contractor so chooses as long as the posts are tamped into place in their new less embedded position. Otherwise, install the posts in accordance with CW 3650-R5.

E4.2 Measurement and Payment

In accordance with CW 3250-R5, except that the length will be based on the length of the barrier system measured along the top rail of the balanced barrier. The length of the totals of each rail will not be used.

E5. CONCRETE CURB RENEWAL

E5.1 General

Concrete curb at the Route 20 site refers to the tapered type of curb to match the existing curb.

E6. DELAMINATED CONCRETE PAVEMENT REMOVAL

E6.1 General

The approach slabs and some of the pavement slabs have been previously overlaid with concrete. Some of this overlay has delaminated. Where the delaminations are shown on the Drawing, sawcut the perimeter of the delamination and remove this delaminated concrete leaving the original slab below intact. The delaminated volume is to be filled with compacted asphalt to the surface of the concrete pavement and then overlaid with the remainder of the asphalt project. Asphalt placement will be paid for as part of CW 3450-R3.

E6.2 Measurement and Payment

The removal of delaminated concrete pavement will be measured on an area basis and paid for at the Contract Unit Price per square metre for "Delaminated Concrete Pavement Removal." The area to be paid for will be the total number of square metres removed in accordance with this Specification, accepted and measured by the Contract Administrator.