



386-2016 ADDENDUM 1

2016 REGIONAL STREET RENEWAL PROGRAM – PEMBINA HIGHWAY SB & NB – GRANT AVENUE TO 100M EAST OF OSBORNE STREET – PAVEMENT REHABILITATION, RECONSTRUCTION AND BUFFERED BIKE LANES

ISSUED: May 26, 2016
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URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE BID
OPPORTUNITY**

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20150806

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A (R1): Bid may render your Bid non-responsive.

PART A – BID SUBMISSION

Replace: 386-2016 Bid Submission with 386-2016 Addendum 1 Bid Submission.

The following is a summary of changes incorporated in the replacement Bid Submission:

Form B (R1): Add Items No. A60 and B70.

Page numbering on some forms may be changed as a result.

PART E – SPECIFICATIONS

Revise: E19.2.10 to read: Water

Delete: E19.2.13(a)

Add: E19.2.13(c) Anchor bolts shall conform to ASTM F1554 Gr.55.

Delete: E19.2.14(a)

Revise: E19.3.7(a) to read: The anchor bolts shall be aligned with a steel template matching the bolt holes in the sign structure base plate. Extreme care shall be used in this operation to ensure bolts are aligned properly. Placement of anchor bolts without the steel template will not be permitted.

Delete: E19.3.8

Revise: E19.3.17 to read: Anti-Graffiti Coating

Replace: E27. CRASH CUSHION ATTENUATOR REMOVAL

DESCRIPTION

E27.1 This Specification covers the removal and salvage of the existing crash cushion attenuators located near the Pembina Highway and Osborne Street Intersection.

- E27.2 The work to be done by the Contractor under this Specification shall include the supply of all materials, and furnishing of all superintendence, overhead, labour, equipment, tools, supplies and all other things necessary for and incidental to the satisfactory performance and completion of all Work as hereinafter specified.

MATERIAL

E27.3 Storage and Handling

- E27.3.1 All materials shall be handled and stored in a careful workmanlike manner to the satisfaction of the Contract Administrator.
- E27.3.2 Any damaged or missing material or components resulting from handling and storage operations shall be replaced at the Contractor's expense, to the satisfaction of the Contract Administrator.

CONSTRUCTION METHODS

E27.4 General

- E27.4.1 The crash-cushion attenuators shall not be removed until the overhead sign structures or concrete traffic barriers in which the attenuators are protecting have been removed and the pile or foundations are demolished to a height less than 150mm above the pavement surface

E27.5 Pre-Removal Inspection

- E27.5.1 Prior to the removal and dismantling of the crash cushion attenuators, the Contractor and Contract Administrator shall jointly inspect the attenuators taking note of any existing damage above ground level.

E27.6 Removal of Crash Cushion Attenuator

- E27.6.1 The crash cushion attenuator components shall be carefully dismantled in a workmanlike manner. Material damaged through negligent operations shall be replaced by the Contractor at their own expense.
- E27.6.2 A minimum of 48 hours prior to commencement of dismantling operations, the Contractor shall spray all the existing hardware with an anti-seize compound to the satisfaction of the Contract Administrator.
- E27.6.3 All hardware shall be initially loosened with a hand wrench. Once loosened, the hardware may be removed with an impact wrench unless otherwise directed by the Contract Administrator.

E27.7 Salvaged Crash Cushion Attenuator

- E27.7.1 All salvaged material shall be delivered to the City Bridge Yard located at 960 Thomas Avenue. Contact Mr. Mike Terleski, C.E.T. at 204-794-8510 to arrange a suitable time and date for delivery.
- E27.7.2 The salvaged material shall be properly placed in the bridge yard at a location determined by City personnel in a manner accepted by the City.
- E27.7.3 Salvaged material deemed unsuitable for reinstallation shall also be returned to the City Bridge Yard.

MEASUREMENT AND PAYMENT

- E27.8 Crash Cushion Attenuator Removal will be measured on a unit basis and paid for at the Contract Unit Price for "Removal of Existing Crash Cushion Attenuators". The number of units to be paid for shall be the total number of Crash Cushion Attenuators removed in accordance with this Specification, accepted and measured by the Contract Administrator. The price shall include all costs for the removal of all crash attenuators, posts, fastening devices, foundations and all other materials and work related to the removal of the crash attenuators.

Replace: E28. REMOVAL OF EXISTING OVERHEAD SIGN STRUCTURE

DESCRIPTION

- E28.1 This Specification covers the removal and salvaging of the existing overhead Sign Structures at the northbound Pembina Highway and Jessie Avenue intersection and the northbound Pembina Highway and Osborne Street intersection.
- E28.2 The work to be done by the Contractor under this Specification shall include the supply of all materials, and furnishing of all superintendence, overhead, labour, equipment, tools, supplies and all other things necessary for and incidental to the satisfactory performance and completion of all Work as hereinafter specified.

CONSTRUCTION METHODS

E28.3 Removal of Sign Support Structures

- E28.3.1 The Contractor shall submit a Dismantle Plan for each structure to be removed, including detail of traffic control, to the Contract Administrator for review and approval. The Dismantle Plan shall be submitted at least twenty-one (21) days prior to removing the overhead sign structure to arrange for installation of temporary signs and de-energizing the power supply as well as review and approval by the City of Winnipeg Traffic Management Engineer.
- E28.3.2 The Contractor shall never lift an overhead sign structure or member over traffic.
- E28.3.3 The City of Winnipeg Traffic Services Branch will supply and install temporary sign posts as required. The power supply to the existing overhead sign support structures designated for removal and disposal will be re-energized by the City of Winnipeg Traffic Signals Branch.
- E28.3.4 The Contractor shall use a digital multimeter to verify that the electrical power supply to the structure has been de-energized prior to the removal of the structure.
- E28.3.5 The Contractor shall remove the existing sign support structures carefully without damaging the existing anchor bolts and adjacent property.
- E28.3.6 All structures marked for salvage, including hardware, shall be delivered to the City of Winnipeg Bridge Storage Yard located at 960 Thomas Avenue. Contact Mr. Mike Terleski, C.E.T. at 204-794-8510 to arrange a suitable time and date for delivery. At the storage yard, the Contractor shall off-load the salvaged material with his own labour and equipment and place in a location determined by City personnel in a manner accepted by the City.

E28.4 Removal of Sign Panels

- E28.4.1 The Contractor shall remove the existing sign panels, including steel sign mounting brackets, and deliver all components to the City of Winnipeg Traffic Services Branch located at 421 Osborne Street, Contact Mr. Jim Donaldson at 204-232-0301 to arrange a suitable time and date for delivery.

SUBMITTALS

- E28.6 Prior to Removal of Existing Overhead Sign Structures, the Contractor Shall Submit a Dismantle Plan to the Contract Administrator for approval, which shall include:
- a) Traffic Accommodation Plan.
 - b) Procedure of Removing the Existing Overhead Sign Structure.

MEASUREMENT AND PAYMENT

- E28.7 Removal of Existing Overhead Sign Structure will be measured on a unit basis and paid for at the Contract Unit Price for "Removal of Existing Overhead Sign Structure". The number of units to be paid for shall be the total number of Removal of Existing Overhead Sign Structure accordance with this Specification, accepted and measured by the Contract Administrator. The price shall

include all costs for the removal of all beams and columns, fastening devices, foundations and all other materials and work related to the removal of the overhead structure.

- Revise: E29.6.1 to read: Flange bolts, nuts and washers shall be in accordance with ASTM A325 hot-dip galvanized.
- Revise: E29.10.1 to read: Anchor bolts including nuts, washers and setting template shall be in accordance with ASTM F1554 Grade 300W, hot-dip galvanized.
- Revise: E29.12.1 to read: New sign panels/boxes/plates will be supplied by the City of Winnipeg Traffic Services Branch. Loading, transportation, unloading and installation shall be the responsibility of the Contractor. Contact Mr. Jim Donaldson at 204-232-0301 to arrange a suitable pickup date and time.
- Revise: E29.20.6 to read: Minor defects in the galvanizing coating shall be repaired in accordance with Section E29.24 of this Specification. The Contract Administrator shall be consulted before repairs are made. Use of cold applied spray on galvanized will not be permitted and will be cause for rejection.

Replace: E29.22 Installation of Sign Panels/Boxes/Plates

- E29.22.1 The Contractor will be responsible for installation of sign panels/boxes/plates complete with sign mounting brackets.
- E29.22.2 New sign panels/boxes/plates will be supplied by the City of Winnipeg Traffic Services Branch. Loading, transportation, unloading and installation shall be the responsibility of the Contractor. Contact Mr. Jim Donaldson at 204-232-0301 to arrange a suitable pickup time.
- E29.22.3 Aluminum backing bars will be pre-installed on the sign panel by the City of Winnipeg Traffic Services, adjustment of the backing bars may be required in the field to clear splice plates etc.
- E29.22.4 Holes in the aluminum backing bars shall be field marked and drilled to suit attachment to the mounting brackets. Holes shall be drilled so that the sign panel is level in its final position on the structure.
- E29.22.5 At the Contractor's option, sign panels may either be installed on the cross arm prior to erection of the arm, or they may be installed on the structure after is it erected. Traffic control for the purposes of sign panel installation shall be submitted to the Contract Administrator for approval prior to carrying out the Work.
- E29.22.6 Fastener installation shall be as directed by the Contract Administrator. All fasteners shall be new, supplied by the Contractor.
- E29.22.7 The Contractor shall take great care when handling existing or new sign panels. Any damage to the sign panels that has not been identified prior to removal will be repaired by Traffic Services. All costs and delays associated with the repair shall be borne by the Contractor.

- Add: E29.23.2: Grout pads shall extend to the edge of the concrete pile and provide positive drainage away from the base plate.

Add: E30. HOOP STYLE BIKE RACK

DESCRIPTION

- E30.1 This Specification covers the supply, delivery and installation including all labour, materials, methods, equipment and accessories for the supply and installation of bike racks.

SUBMITTALS

- E30.2 The Contractor is to submit shop drawings for the bike racks, indicating sizes, assembly and installation details.

MATERIALS

- E30.3 A hoop style surface mounted bike rack, powdercoated black, is to be installed at all locations as indicated on the Drawings. The hoop style bike racks are available from Rackworks at 204-955-5221.

CONSTRUCTION METHODS

- E30.4 All work is to be located and installed in accordance with the Drawings and manufacturers specifications.
- E30.5 All bike racks are to be installed plump and true to correct elevations and locations, as directed by the Contract Administrator. The Contractor shall confirm proposed locations of all bike racks with the Contract Administrator prior to installation.
- E30.6 All bike racks are to be carefully handled so that no parts will be bent, broken, or otherwise damaged. The Contractor is responsible for replacing any damaged furnishings, prior to installation, at no cost to the City.

MEASUREMENT AND PAYMENT

- E30.7 The supply and installation of the bike racks will be measured on a unit basis and paid for at the Contract Unit Price for "Hoop Style Bike Rack". The number of units to be paid for shall be the total number of Hoop Style Bike Racks supplied and installed in accordance with this Specification, accepted and measured by the Contract Administrator. The price shall include all costs for the supply and installation of the bike racks, including all miscellaneous fastening devices, equipment, labour and all other work related to the installation of the bike racks.

DRAWINGS

Replace: 386-2016_Drawing_5516006-C-04-R3 with 386-2016_Addendum_1-Drawing_5516006-C-04-R4

386-2016_Drawing_5516006-C-06-R3 with 386-2016_Addendum_1-Drawing_5516006-C-06-R4

386-2016_Drawing_5516006-C-07-R3 with 386-2016_Addendum_1-Drawing_5516006-C-07-R4

386-2016_Drawing_5516006-C-08-R3 with 386-2016_Addendum_1-Drawing_5516006-C-08-R4