



342-2013 ADDENDUM 1

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION: RAIL SHOOFLY GRADE PREPARATION AND MISCELLANEOUS WASTEWATER SEWER, WATERMAIN AND LAND DRAINAGE WORKS

ISSUED: May 24, 2013
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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: A20130301

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: Bid may render your Bid non-responsive.

PART A – BID SUBMISSION

Replace: 342-2013 Bid Submission with 342-2013 Addendum 1 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B (R1): Numerous changes

Replace Form B Excel with Form B (R1) Excel.

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

PART D – SUPPLEMENTAL CONDITIONS

Add: D3.1(k) “Engineer” for the purposes of this Project shall have the same meaning as Contract Administrator.

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

PART E – SPECIFICATIONS

Revise: E1.4 to read: The following are applicable to the Work:

<u>Drawing No.</u>	<u>Drawing Name/Title</u>	<u>Drawing (Original) Sheet Size</u>
	<u>CN Redditt Subdivision Mile 246.64 – Rail Shoofly</u>	
P-3346-1000	Cover Sheet and Location Plan	A1
P-3346-1001	Overall Plan, Legend and General Notes	A1
P-3346-1010	Shoofly Plan and Profile Sta. 397+100 to 397+300	A1
P-3346-1011	Shoofly Plan and Profile Sta. 396+750 to 397+100	A1
P-3346-1012	Shoofly Plan and Profile Sta. 396+400 to 396+750	A1
P-3346-1013	Shoofly Plan and Profile Sta. 396+280 to 396+400	A1
P-3346-1014	Plan and Profile Sta. 1+000 to 1+200.330 (Track WM01)	A1
P-3346-1015	Plessis West Ditch Plan and Profile Sta. 0+000 to 0+090.890	A1
P-3346-1030	Grading Sections Sta. 396+300 to 396+740	A1

<u>Drawing No.</u>	<u>Drawing Name/Title</u>	<u>Drawing (Original) Sheet Size</u>
P-3346-1031	Grading Sections Sta. 396+760 to 397+160	A1
P-3346-1032	Grading Sections Sta. 1+100 to 1+200 (Track WM01)	A1
P-3346-1060	Standard Details – Typical Sections	A1
P-3346-1061	Standard Details – Typical Sections	A1
P-3346-1062	Standard Details – Typical Sections	A1
P-3346-1063	Standard Details – Typical Sections	A1
P-3346-1064	Standard Details – Typical Sections	A1
P-3346-1065	Standard Details – Typical Sections	A1
R7A-80_2	Supplemental Drawing – Culvert Installation	A1
<u>Plessis Road – Miscellaneous Underground Works</u>		
P-3346-1103	Key Plan - Utilities	D
P-3346-1104	Plessis Road – 450 WWS & 200 WM from Dugald Road to 350 m South of Kernaghan Avenue	D
P-3346-1105	Plessis Road – 450 WWS & 200 WM from 205 m North of Dugald Road to 100 m South of Kernaghan Avenue	D
P-3346-1106	Plessis Road – 525 LDS – Dugald Road to 350 m South of Kernaghan Avenue	D
P-3346-1107	Plessis Road – LDS from 205 m North of Dugald Road to 100 m South of Kernaghan Avenue	D
P-3346-1108	Existing 500 Watermain Renewal – 200 m West of Plessis Road, Dugald Road to Paul Martin Dr (S. Leg) R.O.W.	D
P-3346-1109	Existing 500 Watermain Renewal – 55 m North of Dugald Road, 170m West of Plessis Road to 50 m West of Plessis Road	D
P-3346-1110	Utility Details	D
P-3346-1111	Weir Manhole, Sections & Details	D

- Revise: E7.2.2 to read: Maintain a minimum of one lane of traffic eastbound and one lane westbound on Dugald Road during construction. The Contractor will be responsible for all signage related to the temporary closures and securing of his work and diversion of traffic around his work area. Left turns from Dugald Road to Plessis Road in the northbound and southbound directions to be maintained at all times. Left turns from Dugald Road to northbound Plessis Road to be discontinued after July 31, 2013.
- Revise: E7.2.4 to read: Maintain one lane of traffic in each direction on Plessis Road south of the Plessis/Dugald intersection. Maintain left turns from Plessis Road to Westbound Dugald Road at all times.
- Revise: E7.2.5 to read: Intersecting street and private approach access south of Kernaghan Avenue to the CN Redditt Subdivision shall be maintained at all times.
- Revise: E11.2.2 to read: Flagman's availability is Monday to Friday from 7 am to 7 pm. Should the Contractor require additional hours the Contractor is to inform the Contract Administrator a minimum of 14 calendar days in advance.
- Revise: E11.2.3 to read: The Contractor is not responsible for arranging or paying for flagging. The Contractor is to inform the Contract Administrator of flagging requirements a minimum of 48 hours in advance.
- Revise E13.2.1 to read: Hydro excavation unit shall be capable of maintaining a minimum working pressure of 10,000 psi, at a rate of flow of 10 to 12 gallons per minute. The unit should be adjustable, so as to provide adequate pressure to remove earthen material identified by the Contract Administrator.

- Revise E13.6.1 to read: Hydro excavation of earthen material will be measured on an hourly basis and paid for at the contract unit price per hour for "Hydro Excavation". The hours to be paid for will be the total number of hours of hydro excavation completed in accordance with this specification, accepted and measured by the Contract Administrator. Travel to and from the site will not be included for payment.
- Revise E15.1.1 to read: Further to City of Winnipeg Standard Specifications the following shall apply.
- Revise E15.2.1 to read: Embankment Fill: material placed above original ground or stripped surface to construct the sub-base for the rail bed or gravel pad.
- Revise E15.4.1(a) to read: The Geotechnical Report is included in Appendix A.
- Delete E15.4.1(b)
- Delete E15.4.2
- Revise E15.7 to read Embankment Fill Material
- Revise E15.7.1 to read Embankment fill material from off Railway property shall consist of 100 mm crushed limestone sub-base materials with properties as specified in CW 3110.
- Revise E15.7.2 to read The Contractor shall identify his proposed source of embankment fill material after award, no later than one week prior to commencement of construction.
- Delete E15.7.3
- Revise E15.7.4 to read The Contractor shall provide at no cost to the City representative samples to the Contract Administrator for approval in accordance with CW 3110.
- Revise E15.7.5 to read Embankment fill material shall not be used for embankment construction prior to approval by the Contract Administrator.
- Revise E15.8.2(c) to read Salvage stripping material for later re-use on embankment side slopes.
- Revise E15.8.2(d) to read The maximum depth of stripping in ditches shall be the ditch invert unless subgrade material is deemed unsuitable by the Contract Administrator.
- Revise E15.8.2(e) to read After completion of embankment, spread stripping uniformly against embankment cut and fill slopes or as directed by the Contract Administrator. Any excess material is to be disposed of in accordance with CW 1130.
- Revise E15.9.2(b) to read Remove and dispose of material off Railway property in excess of requirements for embankment construction as directed in accordance with CW 1130.
- Revise E15.10.1 to read Where indicated or directed by Contract Administrator, bench into existing slopes to ensure a proper bond between new materials and existing surfaces.
- Revise E15.10.2 to read Prior to placement of fill material, compact subgrade to 95% of Standard Proctor maximum density, in accordance with this Specification and CW 3110.
- Delete E15.10.3
- Revise E15.10.8(b) to read The geotextile shall be installed full width for the required length of the embankment in accordance with the manufacturer's recommended procedure. Align machine direction parallel to the rail line, free of tension, stress, folds, wrinkles, or creases. Joints in the fabric shall be overlapped not less than 600 mm (2 feet).
- Revise E15.10.9(a) to read Compact all embankment fill material and excavations to a density of not less than 95% maximum dry density in accordance with Standard Proctor Compaction Test (ASTM D698).

Delete	E15.10.9(c)	
Revise	E15.11.1 to read	To be completed in accordance with CW 3110.
Delete	E15.11.1(a)	
Delete	E15.11.1(b)	
Delete	E15.11.2	
Delete	E15.11.2(a)	
Delete	E15.11.2(b)	
Delete	E15.11.2(c)	
Delete	E15.11.3	
Delete	E15.11.3(a)	
Delete	E15.11.3(b)	
Revise	E16.2 to read	State on Form J: the source of granular materials to be incorporated into work.
Revise	E16.13.5 to read	Place material to full width of section in uniform layers not exceeding 150 mm (6 inch) loose thickness and compact to specified density. Contract Administrator may authorize thicker lifts if specified compaction can be achieved.
Revise	E16.18 to read	Granular material will be measured on a weight basis and paid for at the Contract Unit Price per tonne for "Supply and Placing Sub-Ballast Material. The weight to be paid for will be the total number of tonnes of crushed Sub-Ballast material supplied and placed in accordance with this specification, accepted and measured by the Contract Administrator.
Revise	E17.2.4 to read	Connect drainage pipe to existing culvert with an pre-manufactured approved coupler.
Revise	E18.11.2(a) to read	Compact granular material in accordance with CW 3610.
Revise	E18.13.2 to read	Culverts removed that are not to be relocated are to be disposed of off-site.
Delete	E18.18	
Delete	E18.19	
Delete	E19.4.3	
Delete	E19.7	
Delete	E19.7.1	
Delete	E19.7.2	
Revise	E22.7.1(a) to read	The Contractor is responsible to steel plate or place rig matting over the construction access crossings of the pipelines taking into account vehicle weight, wheel or track configuration, material size and utility depth of bury. The Contractor's design must be submitted to the Contract Administrator for approval in advance of any construction access crossings with a drawing showing the locations and depths of the pipes in accordance with CW 1110.
Revise	E23.6 to read	Where the Contract Administrator deems that a Change in Work is necessary, it shall be valued in accordance with the provisions of GC: 7 and the supplementary requirements of E23.

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| Revise | E28.8.2(ii) to read | Perform leakage test in the Contract Administrator's presence once sluice gate has been installed to ensure compliance with the allowable leakage rate indicated in the latest edition of AWWA C560. |
| Add | E33.2(e) | The test pit holes remaining shall be backfilled and compacted to the satisfaction of the Contract Administrator. |
| Add | E34.5 | Acceptable materials are Combigrid® or approved equal in accordance with B6. |