

Purpose of a Supplemental Update

This Supplemental Update contains amendments to MMCD documents to correct errors and omissions that have been brought to the attention of the MMCD Association. The amendments have been prepared by the MMCD Association in the same manner and in the same spirit as the other MMCD documents, and the amendments are subject to the general disclaimer that applies to all MMCD documents.

Incorporation of an Amendment that is in a Supplemental Update

Before any amendment in a Supplemental Update will be included in a Tender or a Contract Document, it must be explicitly incorporated by express reference in Schedule 1 - Schedule of Contract Documents to the Form of Agreement.

When properly incorporated by reference each incorporated amendment is deemed to form part of the Contract Documents as a Supplementary General Condition, Supplementary Specification or Supplementary Detail Drawing, as appropriate.

Users can elect to adopt all, some or none of the amendments in any Supplemental Update. An entire Supplemental Update can be incorporated by referencing, for example: "MMCD Supplemental Update 2012-07-15". An individual amendment within a Supplemental Update can be incorporated by referencing its unique identification number, for example: "GC 13.9.1(1)S - 2012-001 (2012-05-30)".

Supplemental Update No.:	Specifications – 33 44 01 – 2014-10 (2014-07-15)		
Affected Document(s):	Volume II	Change Type:	Addition
Section:	Manholes and Catchbasins	Reference:	2.1.7.3
Change Summary:	Addition to 2.1 Materials		
Currently:	<p>.7 Cast iron frame and cover: as shown on Standard Detail Drawing S1 and as specified in Municipal Supplementary Specifications.</p> <p>.1 Frame and cover must conform to ASTM A48 and be designed to withstand H2O loading.</p> <p>.2 Frame and cover must bear manufacturer identification on castings.</p>		
Should Be:	<p>.7 Cast iron frame and cover: as shown on Standard Detail Drawing S1 and as specified in Municipal Supplementary Specifications.</p> <p>.1 Frame and cover must conform to ASTM A48 and be designed to withstand H2O loading.</p> <p>.2 Frame and cover must bear manufacturer identification on castings.</p> <p>.3 Any frame and cover assembly creating a point load on the concrete riser rings will not be permitted.</p>		

Supplemental Update No.:	Specifications – 33 44 01 – 2014-11 (2014-07-15)		
Affected Document(s):	Volume II	Change Type:	Revision
Section:	Manholes and Catchbasins	Reference:	2.1.12
Change Summary:	Revised lid specification		
Currently:	.12 Catchbasin lids: to be designed to withstand H2O loading.		
Should Be:	.12 Catchbasin lids manufactured to ASTM C478M		

Supplemental Update No.:	Specifications – 33 44 01 – 2014-12 (2014-07-15)		
Affected Document(s):	Volume II	Change Type:	Deletion
Section:	Manholes and Catchbasins	Reference:	2.1.17
Change Summary:	Deletion of 2.1.17		
Currently:	<p>.16 Adjusting rings manufactured to:</p> <p>.1 Concrete to ASTM C478</p> <p>.2 HDPE to ASTM D1248</p>		

	.17 Concrete Brick: to CAN3-A165 Series. .18 Drop manhole pipe: to be as shown on Contract Drawings.
Should Be:	.16 Adjusting rings manufactured to: .1 Concrete to ASTM C478 .2 HDPE to ASTM D1248 .17 [deleted] .18 Drop manhole pipe: to be as shown on Contract Drawings.

Supplemental Update No.:	Specifications – 33 44 01 – 2014-13 (2014-07-15)		
Affected Document(s):	Volume II	Change Type:	Addition
Section:	Manholes and Catchbasins	Reference:	3.1.2
Change Summary:	Addition of 3.1.2		
Currently:	3.1 Excavation and Backfill .1 Excavate and backfill in accordance with Section 31 23 01 Excavating, Trenching and Backfilling.		
Should Be:	3.1 Excavation and Backfill .1 Excavate and backfill in accordance with Section 31 23 01 Excavating, Trenching and Backfilling. .2 For manholes, when base gravels are complete, excavate for grade rings and manhole frame assembly. Do not disturb the compacted road base beyond the excavation requirement.		

Supplemental Update No.:	Specifications – 33 44 01 – 2014-14 (2014-07-15)		
Affected Document(s):	Volume II	Change Type:	Revision
Section:	Manholes and Catchbasins	Reference:	3.3.12.2 and 3.3.12.5
Change Summary:	Updated allowable products and use of grout.		
Currently:	.12 Installation of Cementitious Riser Rings: .1 Allowable number of courses is three and minimum is one. .2 Allowable products is: bricks, precast concrete risers, and cast-in-place form system. .3 Due regard must be observed to the maximum distance to the first step. .4 Pre-wet all joints before placing Mortar. .5 Butter inside and outside paces of brick with mortar to ensure neat even grout. .6 Grout inside, outside and between courses or grade		

	rings with mortar to ensure neat even finish.
Should Be:	<p>.12 Installation of Cementitious Riser Rings:</p> <p>.1 Allowable number of courses is three and minimum is one.</p> <p>.2 Allowable products are precast concrete risers, and cast-in-place form system. Individual riser height shall be 50mm, 75mm, or 100mm.</p> <p>.3 Due regard must be observed to the maximum distance to the first step.</p> <p>.4 Pre-wet all joints before placing Mortar.</p> <p>.5 Proper layer of grout between the spacers, covering the entire surface of the rings, should be utilized.</p> <p>.6 Grout inside, outside and between courses or grade rings with mortar to ensure neat even finish.</p>

Supplemental Update No.:	Specifications – 33 44 01 – 2014-15 (2014-07-15)		
Affected Document(s):	Volume II	Change Type:	Addition
Section:	Manholes and Catchbasins	Reference:	3.3.17
Change Summary:	Specify limitation on use of shim and mortar, and list of means to set final grade for frame and cover within road pavement.		
Currently:	.17 Ensure frames conform to design contour of pavement or existing surface.		
Should Be:	<p>.17 Ensure frames conform to design contour of pavement or existing surface. Use of shim and mortar will only be permitted outside of road pavement. One of the following means shall be used to set final grade for frame and cover within road pavement:</p> <p>.1 Tapered pre-cast concrete, HDPE, or metal adjustment riser rings when use with conventional manhole frame and cover under Standard Detail Drawing S1; or</p> <p>.2 Integrated height adjustable manhole frame and cover assembly. Any assembly creating a point load on the riser rings will not be permitted.</p> <p>.3 After grade rings and manhole frame assembly has been installed and adjusted the remaining excavation must be filled to the top of road base or bottom lift of asphalt surface with 30mpa 10mm aggregate concrete or 19mm base gravel compacted to specification. Ensure specified asphalt thickness can be achieved.</p>		