

TS No.	Superseded (Remove)	Revised/New (Insert)	Remarks
TS 3.40	Apr 2014	Apr 2015	<p>Construction Specification for Concrete Road Base</p> <ul style="list-style-type: none"> • Subsection 3.40.05.01 Concrete; Item 1, cement type GUL added. Revised item 4, added 37.5 mm aggregate. Revised item 6, added 5.5 ± 1.5% for 37.5 mm. • Subsection 3.40.08.01 Visibly Defective or Damaged Concrete; new. • Section 3.40.08 Quality Assurance; remaining subsection reordered.
TS 3.50	Apr 2014	Apr 2015	<p>Construction Specification for Concrete Curb and Concrete Curb and Gutter</p> <ul style="list-style-type: none"> • Subsection 3.50.05.01 Concrete; Item 1, cement type GUL added. • Subsection 3.50.08.01 Visibly Defective or Damaged Concrete; new.
TS 3.65	Apr 2014	----	<p>Construction Specification for Concrete Crosswalk</p> <ul style="list-style-type: none"> • Concrete crosswalk no longer constructed. Specification cancelled. Moved to archives.
TS 3.70	Apr 2014	Apr 2015	<p>Construction Specification for Concrete Sidewalk and Concrete Raised Medium</p> <ul style="list-style-type: none"> • Subsection 3.70.05.01 Concrete; Item 1, cement type GUL added. • Subsection 3.70.08.01 Visibly Defective or Damaged Concrete; new. • Section 3.70.08 Quality Assurance; remaining subsection reordered. • Subsection 3.70.10.01 Concrete Sidewalk – Item; second paragraph revised. • Subsection 3.70.10.02 Concrete Raised Median – Item; second paragraph revised.

TS No.	Superseded (Remove)	Revised/New (Insert)	Remarks
TS 3.75	Apr 2014	Apr 2015	<p>Construction Specification for Streetcar Track Pavement and Foundation Slab</p> <ul style="list-style-type: none"> • Section 3.75.04 Design and Submission Requirements; Items 1 and 2 removed. Item 3 rewritten. Last paragraph deleted. • Subsection 3.75.05.01 Concrete; Item 1 cement type GUL added; Item 7, 25 mm revised to 30 mm. Requirements for 4-hour strength rewritten. • Subsection 3.75.05.03 Admixtures and Additives; measurement units spelled out. • Subsection 3.75.05.03 Curing of Concrete Samples; curing box definition rewritten. • Subsection 3.75.07.04 Granular Base Placement; OPSS 501 revised to TS 501. • Subsection 3.75.08.01 Visibly Defective or Damaged; new subsection added. • Section 3.75.08 Quality Assurance; remaining subsections renumbered. • Subsection 3.75.08.04 Compressive Strength; Second sentence reference revised. • Subsection 3.75.09.02 Concrete in Track Margin; new subsection added. • Subsection 3.75.10.01, new item added. Second paragraph deleted.
TS 3.80	Apr 2014	Apr 2015	<p>Construction Specification for Concrete Unit Pavers</p> <ul style="list-style-type: none"> • Section 3.80.02 References; ASTM C144 added. • Section 3.80.03 Definitions; aspect ratio and plan ratio, added. • Subsection 3.80.05.01 Granular Subbase; sentence reworded. • Subsection 3.80.05.02 Concrete Base; item 1 cement type GUL added, item 8 deleted. • Subsection 3.80.05.03 Granular Base; sentence reworded. • New Subsection 3.80.05.06 Polymeric Sand – High Strength; new. • Section 3.80.05 Materials; reordered. • Renumbered Subsection 3.80.05.07 Concrete Pavers; paver thickness revised to 70 from 60 mm. • Subsection 3.80.05.09 Geotextile Fabric; sentence revised. • Subsection 3.80.07.03 Bedding; 1st sentenced revised, change thickness range from 10-20 mm to 20-30 mm to match standard drawings. • Subsection 3.80.08.02 Acceptance; last sentence rewritten. • Appendix 3.80-A; new.
TS 3.85	Apr 2014	- - - -	<p>Construction Specification for Coloured Impressed Concrete</p> <ul style="list-style-type: none"> • Coloured impressed concrete no longer specified. Specification cancelled. Moved to archives.

TS No.	Superseded (Remove)	Revised/New (Insert)	Remarks
TS 3.90	Apr 2014	Apr 2015	<p>Construction Specification for Crack Repair</p> <ul style="list-style-type: none"> • Clause 3.90.05.02.03 Approved Stress Relief Tape; deleted as no longer used. • Clause 3.90.05.02.04 Approved Stress Relief Tape Primer; deleted as no longer used. • Clause 3.90.07.02.02 Concrete Base Repair; third and fourth paragraph deleted as street relief tape no longer specified. • Clause 3.90.07.02.03 Asphalt Paving; first paragraph revised. First sentence in 2nd paragraph revised. • Subsection 3.90.10.02, Repair of Minor Cracks in Concrete Base – Item; 2nd sentenced revised.
TS 4.60	Apr 2014	Apr 2015	<p>Construction Specification for Utility Cut and Restoration</p> <ul style="list-style-type: none"> • Section 4.60.07.03 Temporary Repair; revise 75 mm to 80 mm in first paragraph.
TS 13.10	Apr 2014	Apr 2015	<p>Specification for Unshrinkable Fill</p> <ul style="list-style-type: none"> • Subsection 13.10.05.01 Unshrinkable Fill; Item 1 cement type GUL added. Item 3 minimum 28 day cylinder compressive strength of 0.4 MPa deleted. • Clause 13.10.08.02.02 Unshrinkable Fill Compressive Strength; Item 1 removed.
TS 1010	Apr 2014	Apr 2015	<p>Amendment to OPSS 1010 (APR 2013) – Material Specification for Aggregates - Base, Subbase, Select Subgrade and Backfill Material</p> <ul style="list-style-type: none"> • Section 1010.03 Definitions, Granular A RCM definition now includes trench backfill. • New subsection 1010.08.05 Referee Testing; added. • Table 1; note f – new.

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TS 1350	Apr 2014	Apr 2015	<p>Amendments to OPSS.MUNI 1350 (NOV 2014) – Material Specification for Concrete – Materials and Production</p> <ul style="list-style-type: none"> • Introduction paragraph revised to reflect Nov 2014 version of OPSS.MUNI 1350. • Section 1350.02 References; CSA A23.2, A23.2-17C added. ASTM C1064 deleted. • Section 1350.03 Definitions; Admixtures definition revised to CSA definition. • Subsection 1350.04.01 Design Requirements; Revise from Contract Administrator to City in first sentence. • Clause 1350.04.02.01 Performance Based Concrete Mix Data; Item 2 revised. Item 9 deleted. Item 13 changed to a sentence and rewritten. Last paragraph revised Contract Administrator to City. • Subsection 1350.05.01 Materials for Concrete; Table A, Portland – limestone cement (GUL) added. 37.5 mm aggregate size added. 5.5% ±1.5 added. • Clause 1350.05.01.01 Cementing Materials; entire section revised to allow GUL and HEL cement. Second last paragraph deleted. Last paragraph revised. • Clause 1350.05.02.04 Air Content; revise reference to current CSA clause from 5.2.4.3.4 to 5.2.5.3.4. • Clause 1350.05.02.05 Slump or Slump Flow; revise reference to current CSA clause from 5.2.4.3.2 to 5.2.5.3.2. • Clause 1350.05.03.02 Curing Media; revised reference to current CSA table from 20 to 19, revised last paragraph first sentence from 75% to 20 MPa. • Subsection 1350.07.02 Temperature Control; Revised paragraph, change from 28°C to 27°C. • Clause 1350.08.02.01.02 Quality Assurance Test Reporting; revise reference from ASTM C1064 to CSA A23.2-17C. • Clause 1350.08.02.04.01 Compressive Strength; revise reference to current CSA clause from 4.4.6.7.1 to 4.4.6.6.1.2. • Subsection 1350.10.01 Visibly Defective or Damaged Acceptance; this subsection moved to TS 3.40, 3.50, 3.70 and 3.75. This subsection deleted in TS 1350. • Section 1350.10 Acceptance; renumbered.