

Section / Drawing	Title	Article / Clause	Description of Updates
Water Division			
1500	Temporary Construction Crossing Over Critical Infrastructure	New	New specification regarding temporary crossings over City's critical infrastructure.
2511	Watermains	1.7	Added Applicable Standards
		2.1.1.2	Revised reference to DR 25 to refer to Class 165
		2.1.1.4	Added reference to ANSI/NSF 61
		2.1.3	Revise Steel Pipe specifications to refer to AWWA C200
		2.2.4.2	Added reference to ANSI B16.9
		2.2.4.3	Revised flange rating from 150 lb to 250 lb.
		2.3	Added reference to ANSI/NSF 61
		2.5.3	Removed requirement for "certified" testing firm
		2.6.1	Revised coupling spec for pipes ≤ 300 mm
		2.6.2	Revised coupling spec for pipes > 300 mm
2.7.2	Revised Reference from AWWA C505 to AWWA C504		
3.2.15	New clause regarding installation of steel pipe.		
2516	Water and Sewer Service Connections	1.2	Updated Related Sections
		2.3.4.2	Added epoxy coated cast iron boots
		2.3.4.5	Added brass pentagon plug
W-01	Valve Box Installation		Revised upper valve box cover.
W-01A	Valve Box Installation – Horizontal Direct Bury		Revised upper valve box cover.
W-18	Water Service Curb Box 50mm and Smaller Services	New Drawing	Water Service Curb Box 50mm and Smaller Services
W-30	Water Meter/Backflow Preventer Installation Requirements for Multi Metered Locations - Alt 1		Dimensions added
W-34	Installation Requirements for Summer Service Irrigation Meters		Revised notes, updated details and legend
W-37	Residential Water meter Installation		Added dimensions / Revised Title(removed reference to 15mm)
W-38	Temporary Crossing over Critical Infrastructure	New Drawing	Temporary Crossing over Critical Infrastructure
Sewer Division			
1340	Erosion Control	2.7.2	Revised permissible shear stress from 96kPa to 96 Pa.
S-7	Grated Floating Manhole/Catch Basin Frame and Cover		Revised S-7 to provide option to use grated floating style covers specifically in non-traffic areas.
S-9	Floating Manhole Frame and Cover		Revised S-9 to show City logo on cover.
S-11	Sewer Cleanout		Revised upper box cover detail.
S-15A	Arterial Road Catch Basin Frame, Grate and Side Inlet		Revised frame to show four flanges instead of three.
Roadway Sections			
2155	Geotextiles	2.1.1	Revised specification for permittivity and apparent opening size
2170	Perforated Drainage Pipe	2.1.2	Revised standard reference specification to ASTM F667.
2240	Concrete Base Course	1.2	Added Related Sections
		2.2.1	Removed requirement for epoxy coated rebar.
		3.1.1	New clause
		3.1.2	New clause
		3.1.3	New clause
		3.1.6	New clause
3.1.7	New clause		
2325	Supply of Asphaltic Pavement	Entire Section Revised	Revise the aggregate specifications to provide for fine and coarse graded mixes.

Section / Drawing	Title	Article / Clause	Description of Updates
		revised	Additions to the asphalt binder specifications to allow for performance grade (PG) asphalt binder for arterial, industrial and roads that include bus traffic. The addition of Rutting Resistance Testing for arterial, industrial, collector roads and roads that include bus traffic.
2350	Placement of Asphaltic Pavement	Entire Section Revised	Provide additional guidelines for placement of asphalt during cold weather conditions based on air temperature, wind speed and mat thickness. Revision to minimum lift thicknesses based on nominal maximum aggregate size (NMAS) and fine and coarse graded mixes. Revision of the asphalt density specifications to be based on Theoretical Maximum Density and Theoretical Maximum Specific Gravity rather than Marshall Density.

Section / Drawing	Title	Article / Clause	Description of Updates
2550	Concrete Sidewalk, Crossings, Medians, Curbs and Gutter	2.3.2	Removed requirement for epoxy coated rebar.
		3.1.3	Clarified requirements for acceptable materials to be used under sidewalks.
		3.1.4	Revised compaction requirement to be 95% standard Proctor Dry Density
2645	Coarse Grading Seeding	2.1.1	Removed reference to Mix 9 and added Mixes 4, 5 and 6.
R-1	Alternate Pavement Structures		Added Note 7.