

City of Lawrence Department of Utilities
Annual Review
of
Construction Material Specifications, Design Criteria and Standard Details

Review Date: January 2016
Reviewed By: Utility Department Staff
Materials Reviewed: Construction Material Specifications:
 Section 2500 – Sanitary Sewer (8” to 18” Mains)
 Section 2900 – Waterlines
Design Criteria:
 Section 5500 – Sanitary Sewer (8” to 18” Mains)
 Section 5900 - Waterlines
Standard Detail Sheets:
 Sanitary Sewer
 Waterlines
Fireline Connection Details
Meter Vault Details
Backflow Vault Details

Materials Added:

Updates and corrections to the City of Lawrence Department of Utilities construction material specifications, design criteria, and standard details are as follows:

Section 2500 – Sanitary Sewer (8” to 18” Mains)

<u>Table of Contents</u>	<u>Updated page references</u>
Section 2502.4	Updated wording for clarification.
Section 2510.3.3	Added note about repairing manhole lining.
Section 2510.3.4	Added note about repairing manhole lining and added Sherwin Williams SherFlex as an approved polyurethane system.
Section 2510.3.5.d	Added note clarifying that the flexible gasket must be cast into the manhole base.
Section 2510.3.5.d	Updated approved materials for gaskets.
Section 2510.3.5.e	Updated approved materials for gaskets.
Section 2510.3.5.i	Updated specifications for joint sealants with separate specifications for cold applied and heat applied sealants.
Section 2510.3.5.j	Added specification for Chimney Seals
Section 2510.3.8.a.6	Changed model of specified lid for bolt down manhole covers.
Section 2510.5.10	Added specification for minimum depth of a manhole.
Section 2512 (new)	Added section containing specifications for abandonments of Sanitary Sewer mains, manholes, and service lines.
Section 2512	Revised Section numbering to 2513

Section 2900 - Waterlines

<u>Table of Contents</u>	<u>Updated page references</u>
Section 2902.2.2	Added Anchor Couplings to section.
Section 2902.2.3	Added Anchor Couplings to section.
Section 2902.3.3	Added Mueller Co. as an approved alternative.
Section 2902.3.4	Added Mueller Co. P-25008 as an approved alternative.
Section 2902.6.8	Added Mueller Co. as an approved alternative.

Section 2902.7.1.b	Added specification for clean sand
Section 2903.13	Added section containing specifications for abandonments of waterlines, service lines, fire lines, and fire hydrants.

Section 5500 – Sanitary Sewer (8” to 18” Mains)

<u>Table of Contents</u>	<u>Updated page references</u>
Section 5504.2.9	Added note with direction for large diameter mains.
Section 5504.3.1	Added note to clarify that a manhole is required at a change of pipe material.
Section 5504.3.6	Revised section to include minimum manhole depth.
Section 5504.3.7	Revised section number from 5504.3.6.
Section 5504.3.8	Revised section number from 5504.3.7. Added clarification about when drop manholes are to be used.
Section 5504.3.9	Revised section number from 5504.3.8. Added clarification about when manholes should be lined.
Section 5504.3.10	Revised section number from 5504.3.9
Section 5504.3.11	Revised section number from 5504.3.10
Section 5504.3.12	Revised section number from 5504.3.11
Section 5504.7	Added section for Abandonments

Section 5900 - Waterlines

<u>Table of Contents</u>	<u>Updated page references</u>
Section 5906.2.3	Revised note to help clarify placement of valves.
Section 5908	Added section for abandonments.

Standard Details – Sanitary Sewer

Title block updated.
Specification references updated.

Standard Details – Waterline

Title block updated.
Specification references updated.

Fireline Connection Details

No Changes

Meter Vault Detail – 3” and Larger

No Changes

Backflow Vault Detail – 3” and Larger

No Changes