

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

Review Date: January 2017
Reviewed By: Utilities 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 2503.2.2.f	Updated coating spec for ductile iron pipe requiring it to be zinc coated. Added spec for Fitting Coating.
Section 2503.2.2.h	Updated specifications for Polyethylene Encasement.
Section 2503.2.2.h.8	Removed color requirement for Poly Wrap and Tape.
Section 2503.5	Updated Section to just refer to Tunnel Liner Material.
Section 2503.6	Split out from previous section 2503 and added casing requirements for sizes 14” and under.
Section 2503.6.4.d	Added CCI polyethylene as an approved spacer.
Section 2503.6.4.e	Added CCI model ESW as approved end seal.
Section 2506.2.9	Added depth requirements for forcemain.
Section 2506.2.10	Changed accessible location of tracer wire to minimum of 1500’.
Section 2506.2.10.b	Added tape spacing for HDD applications.
Section 2506.2.10.e	Added Copperhead Industries LLC 3WB-01 DryConn Three-way direct bury Lug Connector as approved splice kit.
Section 2506.2.10.f	Changed type of anode required for location wire.
Section 2506.4.2	Added HDD as an approved method for casing installation.

Section 2900 - Waterlines

<u>Table of Contents</u>	<u>Updated page references</u>
Section 2902.2.1.c	Updated coating spec for ductile iron pipe requiring it to be zinc coated.
Section 2902.2.1.d	Separated Fitting Coating from Pipe Coating.
Section 2902.6.4	Specified type of blow-off device required.
Section 2902.6.7.a	Added section stating meters need to be installed in turf areas.

Section 2902.6.7.e	Changed type of meter covers required and removed meter lids for paved areas.
Section 2902.8	Changed accessible location of tracer wire to minimum of 1500’.
Section 2902.8.1.b	Added tape spacing for HDD applications.
Section 2902.8.1.d	Added Copperhead Industries LLC 3WB-01 DryConn Three-way direct bury Lug Connector as approved splice kit.
Section 2902.8.1.e	Changed type of anode required for location wire.
Section 2902.8.2.a	Added clarification on tape location.
Section 2902.11.4	Added CCI polyethylene spacers as approved alternative.
Section 2902.11.9	Added a minimum Casing Pipe Diameter.
Section 2903.1.a	Revised depths to be consistent throughout standards.
Section 2903.2.5	Added Section related to installation of casing and carrier conduits. Similar to Sanitary Sewer Specification 2506.4.
Section 2903.5	Updated specifications for Polyethylene Encasement.

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

<u>Table of Contents</u>	<u>Updated page references</u>
Section 5503.2.4	Revised necessary project control requirements.

Section 5900 - Waterlines

<u>Table of Contents</u>	<u>Updated page references</u>
Section 5904.2.4	Revised necessary project control requirements.

Standard Details – Sanitary Sewer

Revised to match specification changes

Standard Details – Waterline

Revised to match specifications changes

Fireline Connection Details

No Changes

Meter Vault Detail – 3” and Larger

Revised inspection ring to be A32PR-BR

Backflow Vault Detail – 3” and Larger

Revised inspection ring to be A32PR-BR