

**City of Lawrence Municipal Services & Operations
Annual Review
of
Construction Material Specifications, Design Standards, and
Standard Details**

Summary of Changes

Construction Material Specifications:

- Section 0010 – General Technical Provisions
- Section 1100 – Grading and Trenching
- Section 1700 – Traffic Signals
- Section 1800 – Pavement Maintenance
- Section 2900 – Waterline
- Section 3000 – Fiber Optics Appendix
- Section 6100 – Erosion and Sediment Control

Design Standards:

- Combined Plan Preparation and Design Criteria
 - 2.3 General Notes, General Layout, and Quants
 - 7.4.2 Valves
- Appendix F: Complete Streets Policy & Check List

Standard Details:

- 0010 – Erosion and Sediment Control
- 1506 – Concrete Curb and Gutter
- 6000 – Storm Sewer
- 6000 – Underdrains

NOTE:

Updates and corrections to the City of Lawrence Department of Municipal Services & Operations construction material specifications, design criteria, and standard details are as follows. Grammatical or other minor corrections are not noted in this summation.

UPDATES TO: CONSTRUCTION MATERIAL SPECIFICATIONS

Section 0010 – General Technical Provisions

0015 – K.2. Air Release Valves

Now reads "*Air/Vacuum Relief Valve Assembly*".

0015 – K.2.b. was revised to expand and clarify the unit price scope to include all excavation (earth, rock, shale), dewatering, bedding, installation, pipe connections, restraint measures, tapping components, structural elements, appurtenances, and all incidental work required for complete air release valve installation.

Section 1100 – Grading And Trenching

1102 – E. Flowable Fill

The compressive strength and unit weight requirements were revised by removing the 3-day compressive strength requirement, modifying the 28-day compressive strength from a maximum of 100 psi to a range of 50–125 psi, and increasing the maximum unit weight from 120 pcf to 125 pcf.

Section 1700 – Traffic Signals

1702 – I. a. iii. Traffic Signal Backplate

A new requirement was added "*iii. All backplates shall have retro-reflective borders.*"

Section 1800 – Pavement Maintenance

1808 – Ultrathin Bonded Asphalt Surface (Ubas)

A new specification was added for Ultrathin Bonded Asphalt Surface (Ubas)

Section 2900 – Waterline

2903 – F. 5. Tapping Saddles

Services were referred to as domestic services and a new requirement was added:

"d. All tapping saddles for fireline services 2 inch and smaller shall be furnished with Iron Pipe threads, brass nipple, and curb stop per detail 2902.2 – Fireline Connection Details. Materials shall be equivalent Ford or Mueller no lead products. ."

Section 3000 – Fiber Optics

Multiple changes were made across the entire list of approved materials; refer to 3008.

Section 6100– Erosion and Sediment Control

6108 – Alternate Methods or Materials: Deleted last sentence.

6133 – Sanitary Wastes: Added language regarding placement.

6136 – Chemical Handling and Storage: Added details for secondary containment.

6143 – Permanent Seeding and Sodding: Deleted last sentence regarding payment for watering.

UPDATES TO: PLAN PREPARATION AND DESIGN CRITERIA

Section	Changes:
2.3 General Notes, General Layout, and Quantities	4.e – Datum update. 2.e – Added bid items in the Pavement Section, page 15 for UBAS
7.4.2 Valves	2 – Provision for 25+ dwelling units.
Appendix F – Complete Streets Policy and Checklist	Check list revised to add VRU and HIN .

UPDATES TO: STANDARD DETAIL SHEETS

0010-Erosion and Sediment Control

Revised to 6100 Erosion and Sediment control details and specifications to coordinate and provide examples of specifications.

1506-Concrete Curb & Gutter

Added Modified CG-1.

6000-Storm Sewer

Revised Clay and Bailey rim and lids to Neenah Foundry equivalents.

6000-Underdrains

Revised to 6000-StormwaterBMPs adopting Kansas City APWA stormwater standards for BMPs, including underdrains.