

**2014**

**Summary of Major Revisions**

**to the**

**City of Fargo**

**Standard Specifications**

**for**

**Construction**

**SECTION 1000 - EXCAVATION, TRENCHING, AND BACKFILLING FOR UNDERGROUND WORK**

- 1) 2.5 – Section added for Trench Foundation Material.
- 2) 3.8.5 and 3.8.6 – Minor changes to Foundation Material and Artificial Foundations.
- 3) 4.2.3 and 4.2.4 – Sections added for Foundation Material and Artificial Foundations.

**SECTION 1200 – SANITARY SEWERS**

- 1) 2.6.4 and 3.9 – All manhole adjusting rings shall be HDPE or EPP, and shall be watertight.

**SECTION 1300 – WATER MAINS**

- 2) 2.3.2 – Ductile iron fittings are no longer required to be FBE coated.
- 3) 2.6.1 – Clarified that all valve boxes shall be heavy duty.

**SECTION 1400 - SEWER AND WATER SERVICE CONNECTIONS**

- 1) 2.1.3.C and 2.1.4 – Added specifications for compression seals and couplings used at connections to existing services. Renumbered sections.
- 2) 4.2.2 – Clarified payment for sewer service connections.
- 3) 4.2.3 – Clarified payment for curb stops & boxes on water main replacement projects.
- 4) 5.2 – Sewer Service Replacement Detail: Updated to show connection to clay tile wye.

## **SECTION 1500 - STORM SEWERS**

- 1) 2.6.4 and 3.4 – All adjusting rings for manholes and inlets shall be HDPE or EPP.
- 2) 2.7 – Inlets to be furnished and installed complete with boots for edge drain connections.
- 3) 3.3 – Holes in manholes/inlets for edge drain to be plugged to prevent washouts.

## **SECTION 2050 - GEOTEXTILES AND GEOGRIDS**

- 1) 2.1.3 – Updated Mullen Burst to CBR Puncture Strength. Drainage sock to ASTM D6707.

## **SECTION 2100 - CONCRETE PAVING AND CURBS & GUTTERS**

- 1) 2.5 – Section added for Epoxy Resin Adhesives. Subsequent sections renumbered accordingly.
- 2) 3.2 – Paragraphs added regarding drilling holes for dowel bars and tie bars and installing epoxy.
- 3) 3.3 – Par. 1: Added second sentence regarding integral curb not being allowed at inlet locations.
- 4) 3.13 – All manhole and inlet adjusting rings shall be HDPE or EPP, watertight for sanitary sewer.
- 5) 3.15 – Section added detailing requirements for adjusting curb inlet castings to grade. Subsequent sections renumbered accordingly.
- 6) 4.2.7 and 8 – Clarified payment for adjusting castings and valve boxes to grade.
- 7) 5.2 – RC Concrete Alley detail: Added note 2 regarding aggregate base. Added note 3 about tie-bar spacing. Plan view revised to show spacing of longitudinal bars as 12" from centerline joint.
- 8) 5.3 – Concrete Intersection Layout detail: Added note 2 about where integral curb is allowed.

## **SECTION 2300 - CONCRETE SIDEWALKS AND DRIVEWAYS**

- 1) 2.4 - Section added for Epoxy Resin Adhesives. Subsequent sections renumbered accordingly.
- 2) 3.7 - Paragraphs added regarding drilling holes for dowel bars and tie bars and installing epoxy.
- 3) 3.18 - Section added for Cold Weather Pouring. Subsequent sections renumbered accordingly.

## **SECTION 2400 - ASPHALT PAVING**

- 1) 3.3 and 4.2.4 – Cool weather price deduction provision replaced with mix additive requirement.
- 2) 3.9 – All manhole and inlet adjusting rings shall be HDPE or EPP, watertight for sanitary sewer.
- 3) 3.12 – Valve boxes to be brought to grade with concrete squares only if called for on the plans.
- 4) 4.2.3.F and H – Clarified payment for adjusting castings and valve boxes to grade.
- 5) 5.1 – Typical Section: Moved arrow for dimension "B" to show base course to flange of curb pan.

## **SECTION 2600 - SEAL COATS**

- 1) 4.2.4 – Section describing the price reduction for flakiness index has been removed. Subsequent sections renumbered accordingly.

## **SECTION 3300 - EROSION AND SEDIMENT CONTROL**

- 1) 2.5 – Rock size for temp construction entrances reduced from 1" - 4" to 1" - 2".

## **SECTION 4200 - TRAFFIC SIGNALS**

- 1) Several insignificant changes to specs and details.

## **SECTION 4400 - STREET LIGHTING**

- 1) Payment provisions were consolidated into Section 4.
- 2) 3.2.9 and 4.2.13 – Provisions added for Contractor to borrow City maintenance stock when material delivery is delayed.
- 3) 4.2.12 – Clarified payment provisions for removed and salvaged materials.

## **SECTION 7000 - LANDSCAPING**

- 1) 3.2 – A 3-foot deep, 3" to 4" dia. hole shall be drilled in the planting hole prior to tree planting.
- 2) 3.5 – Section added addressing tree spaded material. Subsequent sections renumbered.
- 3) 4.2 – Defined the Establishment Period as a contract item.
- 4) 4.5 – Revised payment terms at acceptance from 85% to 95%.

## **SECTION 9900 - BIDDING AND CONTRACT DOCUMENTS**

### **PROPOSAL**

- 1) Spacing and formatting changes.

### **CONTRACT**

- 1) Page 1 - Year was removed and replaced with a blank.
- 2) Misc Section – City to provide construction staking, Contractor to give 48-hour notice.