

2015

Summary of Major Revisions

to the

City of Fargo
Standard Specifications
for
Construction

SECTION 1000 – EXCAVATION, TRENCHING, AND BACKFILLING FOR UNDERGROUND WORK

- 1) 3.9.4.A – Changed minimum moisture content of gravel backfill from 65% of optimum to 4% of dry weight.

SECTION 1200 - SANITARY SEWERS

- 2) 2.6.3 – Clarifies requirements for the use of integrally cast boots versus power sleeve boots for watertight pipe-to-manhole connections.

SECTION 1300 – WATER MAINS

- 1) 3.10 – The requirements for hydrostatic testing are revised per NDDoH requirements. The duration of the test, the allowable pressure drop, and the allowable leakage calculation are revised.
- 2) Detail 5.8 – Hydrant marker location shown in plan view.

SECTION 1400 - SEWER AND WATER SERVICE CONNECTIONS

- 1) 2.2.5 – Requirements for curb boxes are revised. No brass threaded inserts are allowed (cast iron plugs must thread into cast iron).

SECTION 1600 – PIPE AND MANHOLE REHABILITATION

- 1) “Sanitary Sewer” was removed from the section title, and the language was revised to apply to pipes and manholes other than sanitary sewers.

- 2) 2.3.1.2 – Allow “approved equal” for manhole lining cement mortar.
- 3) 2.3.2 – Allow “approved equal” for manhole lining epoxy coating.
- 4) 3.1.12 – Hydrophilic seals are required at manhole connections.
- 5) 4.2.9 – Pay item for manhole lining is clarified.

SECTION 2070 - AGGREGATE BASES

- 1) 2.4.2 – Updated reference to NDDOT specifications.
- 2) 3.2 – Changed minimum moisture content during compaction from 5% to 4% of dry weight.
- 3) 3.2 – Changed minimum compaction density requirement from 98% to 95% of Standard Proctor Density.

SECTION 2100 – CONCRETE PAVING AND CURBS & GUTTERS

- 1) 2.7.2 – Updated the outdated ASTM designation for poured joint filler.
- 2) Details 5.9 and 5.10 – The designation number for floating manhole castings is corrected.

SECTION 2400 - ASPHALT PAVING

- 1) 2.2 – Tack coat to meet NDDOT requirements.
- 2) 2.3 – Aggregates to meet NDDOT requirements.
- 3) 2.4 – NDDOT Superpave mixes are now the standard, FAA 43 unless otherwise specified.
- 4) 2.5 – New section added to address warm mix asphalt and admixtures. Subsequent sections have been renumbered accordingly.
- 5) 2.7 – Equipment to meet NDDOT requirements.
- 6) 3.1 – Mix designs to meet NDDOT requirements. Contractor is responsible for quality and should perform tests accordingly at his expense.
- 7) 3.2 – Surface preparation sections are combined to one section.
- 8) 3.3 – Admixtures for cool weather paving are clarified.

SECTION 4200 – TRAFFIC SIGNALS

- 1) 4.c.2.6 – Clean varnish terminal boards after sandblasting has been accepted.
- 2) 7.o – Adding a terminal bar to cabinet for locate wires.
- 3) 7.p – Contractor must label and supply equipment for programming.
- 4) 8 – Allowing more choices of vehicle and pedestrian heads.
- 5) 9.e – Loop saw joints shall be sandblasted before sealed.
- 6) 9.f – Specifies hot pour sealant.
- 7) 12.i – All conduit with have a Duratrace wire install.
- 8) 14 – Adding 24 more SM fibers.
- 9) 14.d – Clarifies fiber pigtail.
- 10) 17.a – Clarifies Contractors feed point responsibilities.
- 11) 19.d – Xcluder Fill Fabric replaces wire mesh.
- 12) 24.a – Clarifies CAT 6 cable, Change in supplied PTZ.

- 13) Detail 5.3 – Added combo feed point detail.
- 14) Detail 5.6 – Changed through bolt length on breakaway post.
- 15) Details 5.7 thru 5.9 – Drawing number changed.
- 16) Detail 5.10 – PTZ camera Model change.
- 17) Detail 5.11 – Fiber distribution panel labeling change.

SECTION 4300 - SIGNING

- 18) 2.1 and 2.2.1 – Specifies where to use 3/8” diameter bolts. Holes in sign to match bolt size.
- 19) 3.4.2 and 3.7 – Clarifies which signs to surface mount on pavement and the mounting method.
- 20) 4.3 – Clarified payment provisions for installing sign assemblies on light standards.

SECTION 9900 - BIDDING AND CONTRACT DOCUMENTS

CONTRACT

- 1) Liquidated damage amounts have been raised (12/8/14 City Commission Meeting). The Liquidated Damages Schedule has been removed from the contract, and will be attached to the contract as an exhibit.