

SUMMARY OF PUBLIC WORK STANDARD SPECIFICATION REVISIONS – 2024

STANDARD SPECIFICATIONS

Revised sections so they are gender neutral

104.1 Lands for Work

105.10 Conformity with Plans and Specifications

107.4(f) Subcontractor's Insurance

107.10 Opening of Section of Highway to Traffic

107.13(b)5 Curb Excavation and Installation

107.13(c)5 Sidewalk Excavation and Installation

108.2 Permits and Licensing

109.13(b) Cancellation

201.2(d) Finish Grading

203.2(a) Removing Structures

209.2(b)4 Plant Materials

301.10 Concrete Waste Management

305.1 Sidewalk Replacement Program General

403.1 Resurfacing General

501.3(b) Sanitary Sewer Gravity Main

501.3(c) Sanitary Sewer Force Main

502.1(c) Type II Dewatering [2 locations]

503.3(f)2 New Pipe to Existing Pipe

508.1(a) Utility Line Opening

509.5(d) Structural Requirements: Cured-in-Place Pipe (CIPP)

509.6(c)5 Reinstatement of Service Connections

Article 101 – Definition and Terms

Holiday. City holidays when no work is allowed. New Year's Day, Martin Luther King Jr. Day, Memorial Day, Juneteenth, Fourth of July, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, and New Year's Eve Day.

103.3 Execution of Contract and Bond.

Revised language for routing of contracts through City of Madison.

New article 107.17 - Supporting Utility Poles

The contractor shall either install shoring or supply a piece of equipment to hold a utility pole in place while excavating in the adjacent project area. This shall be considered incidental to the bid items required for supporting the utility pole.

Part II: New article – Terrace Excavation For Tree Planting

Part II: New article – Split Block Retaining Wall

Part II: New article – Geosynthetic Reinforcement Fabric

207.3(e) Watering.

Update U.S. Drought Monitoring website link:

<https://droughtmonitor.unl.edu/>

Part III: New article – Colored Concrete

Part III: New article – Stamped & Colored Concrete

Article – 303.2(b) Forms.

Sidewalk forms shall be of steel construction and have a vertical height matching the thickness of the concrete specified.

Article 409 – Mill & Overlay/Patching Criteria

503.2(d) Poly (Vinyl Chloride) Pressure Pipe.
Update to allow C900 fittings on pressure pipe laterals. Wyes still need to be ductile.

503.3(b) Laying Pipe
A flexible watertight connections or a concrete collar may be used for Type II pipe connections to storm structures as detailed in Standard Detail Drawing 5.7.31, Flexible Pipe to SAS Connector. A flexible watertight connections shall be used for plastic sanitary sewer pipe connections to structures as detailed in Standard Detail Drawing 5.7.31, Flexible Pipe to SAS Connector.

507.3(D)2. SEWER CONNECTIONS

Where a new public TYPE II or III storm pipe is being connected into new precast concrete structure the contractor may provide either a concrete collar or a Kor-N-Seal or approved prefabricated connection to connect the new pipe to new structure as detailed in Standard Detail Drawing 5.7.31, Flexible Pipe to SAS Connector.

602.1 Underground Distribution Systems - General.
Add: Furnish and install loop detector wire.

602.2(b) Electrical Conduit.
Add: Furnish and install 10 AWG for PVC Conduit installed.

602.2(d) Traffic Signal Cable
Add: Furnish and install 10 AWG for conductors.

602.2(e) Fiber Optic Cable
Add: Language for fiber optic fusion splice per location.

602.2(f) Loop Detector Wire
New: Materials required to furnish and install loop detector wire.

602.3(i) Loop Detector Wire
New: Construction Methods required to furnish and install loop detector wire.

602.4(f) Loop Detector Wire
New: Measurement and Payment to furnish and install loop detector wire.

605.1 General.
Remove: 3:00am circuits from language.
Add: Splice in handhole.

605.2(a) Construction Methods.
Remove: Tail of #4 wire from ground rod to pole.

702.5.1 Service Laterals - Allow rolled copper for 1 ½ and 2 inch

703.7 Connect to Existing Water Mains – Add additional language to include installing a Galvanic Anode for large service connections to existing water mains where applicable.

704.4.2 Mechanical Joint Restraint - Considering adding an additional joint restraint manufacturer

704.5 Furnish and Install Casing – Adding Cascade casing spacers as an approved material. Model CCS.

704.7 Furnish and Install Hydrant – Require a Two-piece operating nut with weather shield.

BID ITEMS

New Items

XXXXX, TERRACE EXCAVATION FOR TREE PLANTING (C.Y)
XXXXX, SEED DROUGHT WATERING (STA)
XXXXX, CRUSHED AGGREGATE BASE COURSE, GRADATION NO. 3 (TON)
XXXXX, COLORED 4-INCH CONCRETE (S.F)
XXXXX, COLORED 5-INCH CONCRETE (S.F.)
XXXXX, COLORED 6-INCH CONCRETE (S.F)
XXXXX, COLORED 7-INCH CONCRETE (S.F.)
XXXXX. STAMPED AND 4-INCH COLORED CONCRETE
XXXXX. STAMPED AND 5-INCH COLORED CONCRETE
XXXXX. STAMPED AND 7-INCH COLORED CONCRETE
XXXXX. STAMPED AND 6-INCH COLORED CONCRETE
XXXXX. STAMPED AND 7-INCH COLORED CONCRETE
XXXXX, 4-INCH CONCRETE SIDEWALK (S.F)
XXXXX, 6-INCH CONCRETE SIDEWALK & DRIVE (S.F)
XXXXX, SPLIT BLOCK RETAINING WALL (S.F.)
XXXXX, GEOSYNTHETIC REINFORCEMENT FABRIC (S.Y.)
60281, FURNISH AND INSTALL LOOP DETECTOR WIRES 6X6, EACH
60282, FURNISH AND INSTALL LOOP DETECTOR WIRES 6X10, EACH
60283, FURNISH AND INSTALL LOOP DETECTOR WIRES 6X14, EACH
60284, FURNISH AND INSTALL LOOP DETECTOR WIRES 6X20, EACH
60285, FURNISH AND INSTALL LOOP DETECTOR WIRES BIKE 3X6, EACH
60290, FIBER OPTIC FUSION SPLICE PER LOCATION, EACH

Revised Items

60511, INSTALL AND MAINTAIN AERIAL CABLE FOR STREET LIGHTS, L.F.

Deleted Items

DETAIL DRAWINGS

DELETED DETAIL

NEW DETAIL

Adding a Tree Protection Detail Drawing

REVISED DETAILS

SDD 2.02 Updating the Grate Tree Planting Detail Drawing

We have crossed out the lines that are not applicable and replaced with the red type the updated version. These changes reflect the exact way our Forestry crews have been planting trees and how we have directed contractors to install street trees within a grate.

SDD 4.05 Typical Section with Underdrain

Noted open graded base course, geotextile fabric, wrap is incidental to underdrain

SDD 5.7.2 SANITARY SEWER SAS

Require upper core of outside drop to be field cored and payable as a sanitary tap.

SDD 5.7.30 INSIDE DROP FOR SANITARY MAIN & LATERAL
Require core of inside drop to be field cored and payable as a sanitary tap.

SDD 5.7.31 FLEXIBLE PIPE TO SAS CONNECTOR
Flexible, watertight connections or concrete collars will be allowed at structures and inlets for all storm sewer pipe types, unless specified by the Engineer.

SDD 6.11A TYPE "GR" BASE DETAIL
Add: Base bolt extension.

SDD 6.14 LB-3 BASE DETAIL
Add: Base bolt extension.

SDD 6.19 LB-8 BASE DETAIL
Add: Base bolt extension.

SDD 6.14A LB-3R BASE DETAIL
Add: Base bolt extension.

SDD 6.19A LB-8R BASE DETAIL
Add: Base bolt extension.