SUMMARY OF CHANGES TO PUBLIC WORKS STANDARD SPECIFICATION – 2026

STANDARD SPECIFICATIONS

Revise Article 107.1 Public Convenience and Safety

Summary of change: Update language regarding Contractors maintaining pedestrian access on at least one side of the street at all times, using the Temporary Sidewalk bid item if needed, and if that's not possible, they must establish a signed, accessible pedestrian detour around the project site.

Revise Article 107.7 Maintenance of Traffic

Summary of change: Add language requiring the Contractor to submit Contractor-prepared Traffic Control plans to both Traffic Engineering and Metro Transit for review and approval prior to implementation.

Revise Article 109.9 Barricades, Warning Signs and Flagging

Summary of change: Fix temporary pedestrian barricade language to remove the old WisDOT SDD number.

Revise Article 107.13 Tree Protection Specifications

Summary of change: Update tree protection requirements for protecting existing trees during construction in the public right-of-way, defining tree protection zones, outlining prohibited activities and construction methods near trees, requiring fencing and coordination with the City Forester, and revising fines or liquidated damages for damage, negligence, or failure to follow specified tree protection practices.

Revise Article 107.19 Project Information Sign

Summary of change: Revise information sign size.

New Article 107.21 City Fiber Optic Network Protection

Summary of change: The new article establishes that contractors working in Madison's public right-of-way must take extreme care to protect the city's fiber-optic network, used for vital public services, and are fully responsible for promptly reporting, repairing, and covering all costs or damages, including potential liquidated damages, resulting from negligence or failure to follow these specifications.

New Article 107.22 Temporary Sidewalk Access

Summary of change: This new bid item covers providing, maintaining, and removing accessible temporary sidewalk routes within the construction zone, including any required temporary ramps, using approved hard

surface materials to meet PROWAG standards, with payment made per each completed installation as directed by the Construction Engineer.

Revise Article 202

Summary of change: Adding requirements for clay liner and associated bid items. Adding requirements for infiltration basin soil testing and engineered soil testing

Revise Article 203.2(c) Abandoning Structures and Pipes

Summary of change: The required wall removal depth for abandoned sewer structures was increased from 2 feet to 4 feet below finished grade.

Revise Article 207

Summary of change: Changing germination requirements for native species. Updating seed mix options for Infiltration Basin Side Slopes and Tallgrass Prairie Seed Mix

Revise Article 209

Summary of change: Clarifying contractor to be responsible for staking tree planting locations and the Engineer will review and approve the tree planting plan prior to staking. Minor edits to 209.4(k) with regards to placement of mulch around tree bases. Clarifying that mulch should be free of plant material from invasive species (such as buckthorn, honeysuckle, etc.)

Revise Article 210

Summary of change: Clarifying that there is only 1 product that is Class I, Type A Organic that meets WDOT PAL. Adding specifications and bid item for manufactured geosynthetic erosion control products. Update EC matting to include trenching in the ends and top on the slopes and transitions.

Revise Article 211

Summary of change: Requiring temporary cover crop for sites that that are installed after September 1st, but will not be planted by staff until the following Spring. Update rain garden specs to require matting on side slopes

Revise Article 213

Summary of change: Adding specifications for articulated concrete block and associated bid item. Adding specifications for fence boundary on stormwater lands and associated bid item

Revise Article 303.1(e) Temporary Sidewalk

Summary of change: Revise the language in the temporary sidewalk item.

Add Article 403.26 Temporary Asphalt Pavement Wedging and Removal

Summary of change: Add standard items for temporary asphalt pavement wedging and removal.

Revise Article 409.1 General

Summary of change: Revise mill & overlay/patching criteria to further clarify criteria for patching streets with special conditions like seal coating. Added patching criteria for multi-use asphalt paths.

Revise Article 502.1(f) Utility Trench Patches

Summary of change: (this change is still under review): – Consider revising the specification so that removal of concrete pavement is incidental to the type I trench patch bid item.

Revise Article 504.2(h) Storm Sewer Wyes, Tees, Angle-Sections, and Other Special Precast Sections

Summary of change: Fix typos related to fittings for Corrugated Metal Pipe and Polypropylene Pipe. 504.2(e) is Polypropylene Pipe

Revise Article 507.3(d) Sewer Connections

Summary of change: Fix typos and modify Table 3-Private Connections and notes to prohibit taps to elliptical pipes

Revise Article 508.1(b) Concrete Supports

Summary of change: Clarify that Styrofoam blocks shown in SDD 5.8.1 to be installed above existing utility and incidental to the item for concrete supports. Each Concrete Support pay items to include two (2) concrete supports installed on both side of the pipe to be protected.

Revise Article 509.7(a) CIPP Samples

Summary of change: Replace repair methods for common defects in CIPP with updated language

Revise Article 702.4.2 Mechanical Joint Restraints

Summary of change: revise list to

(1) EBAA Iron Inc. – MEGALUG® Series 1100.
(2) Star Pipe Products – Stargrip® Series 3000.
(3) SIP Industries – EZ Grip® Series EZD
(4) Romac Gripring (for cast iron only with similar outside diameter as ductile iron)
(5) Or engineer approved equal.

Revise Article 703.6 Backfilling and Compaction

Summary of change: Revise section 703.6.1(2)1 as follows

"Bedding material shall be either ~~washed gravel, clear stone,~~ crushed stone, limestone screenings or sand, in meeting the requirements of Section 502.1(d) of the Standard Specifications. Dense graded base is not acceptable bedding and cover material for water pipes. ~~Crushed stone is not acceptable bedding material for water pipes unless authorized by the Engineer.~~"

BID ITEMS

New Items
10714, TEMPORARY SIDEWALK ACCESS, (EACH)
40396, TEMPORARY ASPHALT PAVEMENT WEDGING, (LINEAR FEET)

Add bid item for clay liner
Add bid item for manufactured geosynthetic erosion control products
Add bid item for articulated concrete block
Add bid item for fence boundary on stormwater lands

Revised Items
10950, ARCHAEOLOGY FIELD MONITORING OR INVESTIGATION, (LUMP SUM) revise to 10950, ARCHAEOLOGY FIELD MONITORING OR INVESTIGATION AND REPORT, (LUMP SUM)
50404, UNDERCUT FOR STORM SEWER, (CUBIC YARD) revised to 50204

Deleted Items
10951, FINAL ARCHAEOLOGY MONITORING REPORT, (LUMP SUM)
50221, UTILITY TRENCH PATCH TYPE I, (TRENCH FEET) – this change is still under review

DETAIL DRAWINGS

Revised Details
Summary of change: Modify to show erosion matting being trenched in the ends and top on the slopes and transitions.
SDD 1.02-Erosion Mat

Summary of change: Add requirement to place erosion matting up side slopes of raingardens
SDD 2.09-8' Terrace Raingarden Plan

SDD 2.10-8' Terrace Raingarden Sections
SDD 2.11-10' Terrace Raingarden Plan
SDD 2.12-10' Terrace Raingarden Sections
SDD 2.13-10' Terrace Bioretention Plan

Summary of change: Update details regarding curb ramp flares aligning more toward PROWAG & WisDOT.
SDD 3.03 – Standard Curb Ramps Types 1 and 2
SDD 3.04 – Curb Ramps General and Curb Ramp Type 2-A and Type 2-B

- Update the SDD name in Part VIII to this: Curb Ramps General and Curb Ramp Type 2-A and Type 2-B

Summary of change: Revise overlapping arrows – Type 'A' Mountable detail.
SDD 3.06 – Madison Standard Concrete Curb & Gutter

Summary of change: Fix typo in note 2 that should reference Section 504.2(k)
SDD 5.4.4-Riprap at Apron End Walls

Summary of change: Show dimensions for railing spacings. Clarify that all railings to be galvanized with epoxy coating, not just the base plate.
SDD 5.5.3-Culvert Wingwall Railings

Summary of change: Add dimensions for approved openings for SAS openings is 24".
SDD 5.7.2-Sanitary Sewer Precast SAS
SDD 5.7.15-SAS Chimney and Casting
SDD 5.7.17-SAS Internal Chimney Seal

Summary of change: Change notes for amount of adjustment so that it matches the standard specifications, which is 2 ¼" to 8" for precast inlets and 3" to 9" for precast access structures.
SDD 5.7.7-Type "H" Inlet

Summary of change: Add note to refer to Section 507.3(d) part 2 regarding connections that require kor-n-seal boots.
SDD 5.7.5-Storm Sewer Precast SAS (Through Section View)
SDD 5.7.31-Flexible Pipe to SAS Connector

Summary of change: Updated the bike symbol as required by the newest edition of the MUTCD.
SDD 6.40 – Pavement Marking Details

Summary of change: Required pressure gauges should go up to 200 psi.
SDD 7.05B-Pressure Reducing Valve Detail

Summary of change: Install 1-inch minimum conduit through exterior wall.
SDD 7.29-2" Badger Recordall Turbo Series Meter Standard Installation
SDD 7.36-Standard 1-1/2" – 2" Meter Installation

Summary of change: Install 1-inch minimum conduit through exterior wall. Update meter lay length for 6-inch meter

SDD 7.37-Badger Recordall Compound Meter Standard Installation

Summary of change: Install 1-inch minimum conduit through exterior wall. Delete GPM data from meter table
SDD 7.40- Badger Recordall Turbo Series Meter Standard Installation

Summary of change: Install 1-inch minimum conduit through exterior wall. Update Meter lay length for 3-inch and 4-inch meters.
SDD 7.41-Sensus Omni Meter Standard Installation

<u>New Details</u>
SDD 2.19 – Terrace Support System
Add detail for fence boundary on stormwater lands

<u>Deleted Details</u>
NONE