

## SUMMARY OF PUBLIC WORK STANDARD SPECIFICATION REVISIONS – 2023

### STANDARD SPECIFICATIONS

102.9            Bidders Understanding  
Revised so section is gender neutral.

104.3            Changes In The Work  
Allow for digital signatures on Change Orders.

107.9            Barricades, Warning Signs and Flagging  
Added language for new bid item 10712 Temporary Pedestrian Barricade

201.2c           Excavation Cut  
Typo

201.4(a)        Under Drain, 6 Inch, Wrapped  
Typo

201.4(b)        Geotextile Fabric, Type SAS (Non-Woven)  
Typo

202.3(a)        General (Compaction)  
Typo

211              Terrace Rain Garden  
Improved clarify and consistency with standard detail drawing. Specified contractor's responsibility regarding seeding, erosion control matting and sandbags.

210.2(c)        Erosion Matting  
Revised language to refer to the Wisconsin Department of Transportation's Product Acceptability List (PAL) to avoid conflicting definitions.

214              Terrace Support System  
New Article for use with tree installation in concrete terraces

505.4(a)        Box Culverts.  
Modify last sentence as follows to make bedding and fabric incidental to the bid item:  
Bedding, including the required filter fabric, shall be considered incidental to this item. Backfill with select backfill, if required, shall not be included in this item and shall be compensated under the respective items.

202.2(f)        Topsoil  
modifying 202.2 (f) Topsoil to include use in side slopes of terrace raingardens and bioretention basins as defined in Article 211 and directed by the Engineer.

207.2(a)        Seed  
Modifying Infiltration Basin Side Slopes and Tallgrass Prairie Seed Mix to include 15% "Grand Diversity Prairie Seed Mix", "Diverse Prairie for Medium Soils" or "Bird and Butterfly Mix" to provide more diversity for the native ecotypes.

07.2(d) Inlets  
Typo

507.4(g)        External Sewer Access Structure Joint Seal  
Clarify measurement is for each SAS sealed

509.4(b)        Bypassing Pumping  
Revised so section is gender neutral.

601.8 Tree Trimming  
Replace: Parks Division with Streets Division.

602 UNDERGROUND DISTRIBUTION SYSTEMS

602.1 General

Add: Traffic Signal Cable, Fiber Optic Cable, Loop Detector Lead In Wire

602.2 Materials

Add: Traffic Signal Cable, Fiber Optic Cable, Loop Detector Lead In Wire

602.3 Construction Methods

Add: Traffic Signal Cable, Fiber Optic Cable, Loop Detector Lead In Wire

602.4 Measurement and Payment

Add: Traffic Signal Cable, Fiber Optic Cable, Loop Detector Lead In Wire

608 Pavement Markings

Added language for new bid items:

Skid/Slip Resistant Preformed Thermoplastic Pavement Marking, Bike Lane Green

Skid/Slip Resistant Preformed Thermoplastic Pavement Marking, 6-nch White

Retroreflective Line

Skid/Slip Resistant Preformed Thermoplastic Pavement Marking, 6-nch White Red

Transit Lane

New Articles

610 TEMPORARY STREET LIGHTS

610.1 General

610.2 Materials

610.3 Construction Methods

610.4 Measurement and Payment

702.1 General - Added additional language “Install all materials per manufacturers recommendation”

702.4 Fittings & Accessories - Clarified requirements for nuts and bolts coating used on water main fittings.

703.11 Polyethylene Encasement – Added additional language requiring the use of “Adhesive tape that will bond in all weather conditions”.

703.15 Testing – Updated equation for allowable leakage during hydrostatic pressure test. Per AWWA.

703.18 Water Utility Construction Services– Added additional language requiring two days notice prior to commencing work.

704.6 Furnish & Install Water Valve – Updated acceptable model numbers for Mueller gate valves

704.9 Furnish & Install Water Service Laterals – Update requirement to install a full size (16-In X 8-In X 4-In) solid concrete masonry block under curb stop.

BID ITEMS

New Items

10712 TEMPORARY PEDESTRIAN BARRICADE, L.F.

20222	PLANTING TOPSOIL, SY
20223	ENGINEERED FILL, CY
20707	INFILTRATION SIDE SLOPES SEEDING
20708	WOODLAND SEEDING
20709	SHORTGRASS PRAIRIE SEEDING
20710	NO MOW TURF SEEDING
40204	HMA PAVEMENT 3 MT 58-28 H
60894	SKID/SLIP RESISTANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN, L.F.
60895	SKID/SLIP RESISTANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, RED TRANSIT LANE
60896	SKID/SLIP RESISTANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROREFLECTIVE LINE
NEW	CONSTRUCT LB-3R BASE
NEW	CONSTRUCT LB-3R BASE
NEW	CONSTRUCT LB-8R BASE
NEW	CONSTRUCT TYPE "GR" BASE
NEW	FURNISH & INSTALL TRAFFIC SIGNAL CABLE 5-14 AWG
NEW	FURNISH & INSTALL TRAFFIC SIGNAL CABLE 7-14 AWG
NEW	FURNISH & INSTALL TRAFFIC SIGNAL CABLE 9-14 AWG
NEW	FURNISH & INSTALL TRAFFIC SIGNAL CABLE 12-14 AWG
NEW	LOOP DETECTOR LEAD IN WIRE
NEW	FURNISH & INSTALL FIBER OPTIC CABLE 24-COUNT
NEW	FURNISH & INSTALL FIBER OPTIC CABLE 72-COUNT
NEW	FURNISH & INSTALL FIBER OPTIC CABLE 144-COUNT
NEW	FURNISH & INSTALL FIBER OPTIC CABLE 288-COUNT
NEW	INSTALL AND MAINTAIN SUPPORT STRUCTURES FOR STREET LIGHTS
NEW	INSTALL AND MAINTAIN AERIAL CABLE FOR STREET LIGHTS

Revised Items

60403	CONSTRUCT LB-3 BASE
60407	CONSTRUCT LB-8 BASE
20704	RENAME TO INFILTRATION BOTTOM SEEDING

Deleted Items

NONE

DETAIL DRAWINGS

INDEX:

MODIFY INDEX FOR 5.7.12E TO MATCH SDD DRAWING TITLE: TERRACE INLET TYPE 6

DELETED DETAIL

SDD 2.09	RAINGARDEN & BIO-RETENTION DETAIL
Separated bio-retention detail from raingarden plans. Created additional detail drawing sheets.	
SDD 7.05	WATER MAIN VALVE ACCESS STRUCTURE. Replaced with 7.05A and 7.05B
SDD 7.38	SENSUS OMNI C2 METER

NEW DETAIL

SDD 2.09	8' TERRACE RAINGARDEN PLAN
New 8' terrace raingarden plan detail.	

SDD 2.10 8' TERRACE RAINGARDEN SECTIONS  
New 8' terrace raingarden section detail.

SDD 2.11 10' TERRACE RAINGARDEN PLAN  
New 10' terrace raingarden plan detail.

SDD 2.12 10' TERRACE RAINGARDEN SECTIONS  
New 10' terrace raingarden section detail.

SDD 2.13 BIORETENTION DETAIL  
New bioretention detail.

SDD 2.16 TERRACE SUPPORT SYSTEM

SDD 5.7.4A STORM SEWER 6'X8' CATCH BASIN  
Adding new detail for Storm Sewer 6'X8' Catch Basin, that allows for a depth of approximately or greater than 20'-0".

LB-3R BASE DETAIL

LB-8R BASE DETAIL

TYPE "GR" BASE DETAIL

SDD 7.05A Water Main Valve Access Structure – Added chimney seal requirements

SDD 7.05B Pressure Reducing Valve Detail – Added new SDD

#### REVISED DETAILS

SDD 2.14 BOUNDARY MARKER  
Renamed detail number from SDD 2.11 to SDD 2.14.

SDD 3.03 STANDARD CURB RAMPS TYPES 1 AND 2  
Use 5' detectable warning field vs 4' detectable warning field  
Provide more clarity for notes 2 & 3

SDD 3.04 CURB RAMP GENERAL AND CURB RAMP TYPE 2-A  
Use 5' detectable warning field vs 4' detectable warning field  
Provide more clarity for notes 2 & 3

SDD 5.1.5 TYPICAL SECTION SAS ACCESS ROAD PERMANENT – GRAVEL  
Page number and block numbers are revised to match.

SDD 5.4.4 RIPRAP AT APRON ENDS  
Add additional note to specify where to use cutoff walls.

SDD 5.7.12E TERRACE INLET TYPE 6  
Page number and block numbers are revised to match.

SDD 6.14 LB-3 BASE DETAIL  
Changes to anchor bolt circle dimensions.

SDD 6.19 LB-8 BASE DETAIL  
Changes to anchor bolt circle dimensions.

SDD 7.04 TYPICAL HYDRANT INSTALLATION – Install concrete masonry block underneath valve.

SDD 7.41 SENSUS OMNI METER – Updated upstream and downstream minimum pipe size diameters.