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.

<u>BID ITEMS</u>

<u>New Items</u>
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 REMAME 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.