

SUMMARY OF PUBLIC WORK STANDARD SPECIFICATION REVISIONS FINAL – 2022

STANDARD SPECIFICATIONS

105.9 Surveys, Points and Instructions
Added language on tolerances for survey layout

109.4 Character of Workers
Added more specific language of requirements.

210.1(e) Silt Fence, Silt Sock, Erosion Bales
Revise to reference Greentier silt sock installation. (see attached)

210.2(a) Silt Sock
Revise to reference Greentier specifications. (see attached)

210.2(c)
Require that when using biodegradable matting that anchoring devices shall also be 100% biodegradable.

213 Miscellaneous
Added section for construction fence (plastic)

303.2(n) Curb Ramp Detectable Warning Field
Added additional approved supplier

303.2(p) C1 Concrete, 7-Inch
Added section for C1 concrete sidewalk

402.2(b) Personnel
Flaggers required to meet WISDOT certification requirements

402.3 Asphalt Pavement
Typo Corrected

409 Article 409 – Mill & Overlay/Patching Criteria
Typo corrected.

504.2(q) Drilled underdrain
New Section: Pipe material and drill pattern description to support new drawing 5.7.42

505.3(b) Box Culvert Wingwalls.
Clarifying that Box Culvert Wingwalls shall be constructed as depicted in Standard Detail Drawing 5.5.1, Box Culvert Wingwall, or Standard Detail Drawings 5.5.1 A&B, Box Culvert Wingwall - 1 & - 2, or as specified on the plan set.

505.4(A) Box Culvert.
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.

507.2(d) Inlets
10. R-3808-0005: Component number for Terrace Inlets Types 1-5 (SDD 5.7.12 – 5.7.12D) shall be made...

11. R-1878-B11G: Heavy-duty frame and flat open grate for use with Terrace Inlet Type 6 (SDD 5.7.12E). No curb box required.

507.3(b) PRECAST REQUIREMENTS
Steps will be allowed however adding language to remove steps and patch with mortar and epoxy if steps provided with a precast structure.

Adding language to seal pick holes with mortar and epoxy on barrel section prior to backfilling the proposed structure.

702.3.2 POLYETHYLENE ENCASEMENT

Add an additional approved manufacturer for Polyethylene Encasement

703.12 COPPER SERVICE LATERALS

Require the use of a copper pipe rounding tool and a deburring tool prior to install.

703.18 WATER UTILITY CONSTRUCTION SERVICES

Require 2 working day notice for Construction Inspection Services

703.2.2 UTILITY SEPERATION REQUIRMENTS

703.2.2(5) Strike "Centered above or below the sewer" from this specification.

704.4.2(3) HORIZONTAL DIRECTIONAL DRILL PIPE

Requiring the tracer wire to be attached to the ductile pipe for conductivity at the transition point between HDPE and Ductile iron.

704.5(6) FURNISH AND INSTALL CASING

Eliminate the use of 4X4 timbers as an approved casing spacers.

704.6 FURNISH AND INSTALL WATER VALVE

704.6.3(6) Discussing whether or not to eliminate this specification

704.7 FURNISH AND INSTALL HYDRANT/SALVAGE EXISTING HYDRANT

Requiring hydrant barrels to be one-piece. Acceptable model – Waterous Pacer WB-67.

704.7.3(13) FURNISH AND INSTALL HYDRANT/SALVAGE EXISTING HYDRANT

Reviewing whether or not to eliminate this specification

704.22 ROCK EXCAVATION

Add text to the water main specifications that coincide with Article 201 – Excavation Cut

704.31 FURNISH AND INSTALL ANODE

Clarify whether the anode should be attached to the new pipe or the existing pipe during cut ins.

Various Sections – Reviewing whether or not to replace "Conductivity" with "Continuity".

BID ITEMS

New Items

21302	Construction Fencing
30347	C1 Concrete, 7-Inch
50203	Undercut for Sanitary Sewer
50204	Undercut for Storm Sewer

Revised Items

NONE

Deleted Items

NONE

DETAIL DRAWINGS

NEW DETAILS

SDD 1.12	Silt Sock Placement
SDD 5.1.5	TYPICAL SECTION SAS ACCESS ROAD PERMANENT- GRAVEL

SDD 5.7.12E Terrace Inlet Type 2 modified to use a Neenah R-1878-B11G casting.

SDD 5.7.47 Drilled Underdrain: detail drawing showing drill pattern of underdrain

REVISED DETAIL

SDD 2.09 - RAINGARDEN & BIO-RETENTION DETAIL

Changed the notes and the storage layer portion of the detail to remove the filter fabric and show a more realistic location of the underdrain. Used WDNR recommend sand and pea gravel instead of filter fabric.

SDD 5.1.2 – RCBC Repair Type I & Type II

Added material properties and structure design criteria. Added General Notes section. Revised the details for reinforcement and joint compound for Type I and II Repair. Revised steel plating requirements for Type II Repair.

SDD 5.1.4 TYPICAL SECTION SAS ACCESS ROAD PERMANENT- PARK

Revised topsoil depth to 3"

SDD 5.7.12, A, B, C, D – Terrace Inlet Types 1-5

Added material properties and structure design criteria. Revised structure dimensions for consistency with standard concrete forms. Revised the General Notes for consistency across all five Terrace Inlet Types. Revised the details for reinforcement and bottom slab layout. Revised detail to for layout of steel angle iron.

SDD 5.7.40 - SEWER BACKWATER VALVE

Casting type changed from R-1975-A2 to a specialized casting R-1975-5005 which includes a concealed pickhole and gasket.

SDD 5.7.41 - LATERAL CLEANOUT

Casting type changed from R-1975-A2 to a specialized casting R-1975-5005 which includes a concealed pickhole and gasket. Fitting between vertical pipe and lateral changed from a tee to a wye and a bend.

SDD 7.21 CASING SPACERS

Updated Detail Drawing to eliminate wood timbers as an approved spacer.

DELETED DETAILS

NONE