

SUMMARY OF PUBLIC WORK STANDARD SPECIFICATION REVISIONS – 2022

STANDARD SPECIFICATIONS

104.9 Character of Workers

Added more specific language of requirements.

105.9 Surveys, Points and Instructions

Added language on tolerances for survey layout

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 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

20302 Construction Fencing

New Item

30347 C1 Concrete, 7-Inch

New Item

Revised Items

NONE

Deleted Items

NONE

DETAIL DRAWINGS

NEW DETAILS

SDD 2.12 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 5.7.42 Drilled Underdrain: detail drawing showing drill pattern of underdrain

REVISED DETAIL

GENERAL:

Will request County Materials review and offer suggestions for changes based on what they are manufacturing and supplying vs what we require in our specs. Potential modifications not yet known.

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 5.7.1 Sanitary Sewer Cast-In-Place SAS

Added material properties and structure design criteria. Revised the base slab details. Revised the reinforcement for the base slab, walls, top slab, and additional reinforcement around openings. Revised top slab thickness.

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.

DELETED DETAILS

NONE