

## SUMMARY OF PUBLIC WORK STANDARD SPECIFICATION REVISIONS – 2014

- 102.10            Prevailing Wage  
Clarified Prevailing Wage Requirements.
- 105.1            Authority of The Engineer  
Added language about approving changes in SBE subcontractors.
- 107.4(h)        Certificates of Insurance  
Clarified submission of Certificates of Insurance.
- 107.4(i)        Insurance for the Construction of Buildings  
Added language that the contractor shall be responsible for the \$25,000 Builders Risk Insurance deductible if the contractor is negligent.
- 203.2(c)        Abandoning Structures and Pipes.  
Clarified methods for abandoning sewer pipe and payment.
- 210.1(a)        Erosion Control Implementation Plan.  
Added language to require a dewatering plan.
- 210.1(b)        Erosion Control Inspection.  
Added language to clarify weekly and rain event inspections.
- 210.2(c)        Erosion Matting.  
Added language to clarify the use of 100% biodegradable erosion matting.
- Article 211 – Terrace Rain Garden.  
211.4            Method of Measurement.  
Added language to require rain gardens to be measured by the square foot.
- 211.5            Basis of Payment.  
Added language to clarify that plantings on rain gardens to be done by others.
- 302.2(i)        Traffic Circle Mountable Concrete Curb & gutter  
New section. Sections 302.3 was modified for measurement and payment.
- 303.2            Concrete Sidewalks  
Changed maximum transverse slope from 2% to 1.5% to match WISDOT and so that sidewalks will be installed at less than the maximum cross slope allowed by Americans With Disability Act (ADA) which is 2%.
- 305              Sidewalk Replacement Program  
Corrected a referenced detail drawing, traffic control is incidental, matting is required vs. mulch
- 401.1            Crushed Aggregate Base Course  
Revised the percent by weight passing limits for Gradation No. 2.
- 403.2            Grinding  
Revised the Base Patch Grinding depth designations of the various methods.
- 403.12         Adjust Access Structure Casting – Resurfacing  
Deleted the language that allows adjustments of more than the standard nine inches.
- 403.13         Adjust Catchbasin Casting – Resurfacing  
Deleted the language that allows adjustments of more than the standard nine inches.
- 503.2            Sanitary Sewer Force Main

Added language requiring Electronic marker balls

503.3(c) Sanitary Sewer Laterals

Added language that plugging the existing lateral is incidental to the item Reconnect.

504.2(l) Joint Ties

Added language to clarify location of ties and references Standard Detail Drawing.

507.2(d) Inlets

Updated casting numbers and grates.

507.3(d) Sewer Connections

Added language for private storm sewer reconnects.

Part VII - Water Mains and Service Laterals - Format overhaul of chapter  
Conversion to WI-DOT format.

1. General / multi-item requirements in Articles 701, 702, 703.
2. All bid item specific requirements, per item in Article 704.

Convert from 'Narrative' to 'Declarative' style (*from "Contractor shall install water pipe" to "Install water pipe"*).

1. Text simplified whenever applicable.
2. Bulleted list criteria in preference over paragraph descriptions.

NOTE – changes associated with the reformatting and content reorganization are NOT highlighted in the 2014 Specifications; however, all changes in scope have been highlighted. Section/Bid Item numbers in 2014 may not match previous years due to reorganization.

702.2 Ductile Iron Water Pipe

Allow manufacturer approved locking-gaskets for restrained-joint pipe.

702.4 Hydrants

Cap color to change from white to light-blue.

Kennedy hydrant eliminated due to maintenance costs.

Hydrants to require plastic drain valve/fencing assemblies.

702.5 Materials for Service Lateral Installation

Compression couplings will be allowed on existing-to-new copper connections.

Saddles required on all taps to PVC/HDPE/CIPP-lined water mains.

703.2/703.3 Repairs and Replacement/Unauthorized Tampering of Water Utility System

Eliminated existing sections and replaced with new '703.2 – Repairs and Alterations'.

Clarify requirements for unplanned work on the water system.

Provide notice and approval requirements for unplanned work.

Violation consequences for noncompliance.

703.6 Connecting to Existing Water Mains

Plug removal connections will become a pay item.

Depressurization requirement for connections or taps onto PVC/HDPE water mains.

703.9 Thrust Restraint.

Revise bearing area requirements for concrete thrust blocking.

Limit area size for modular blocks, rather than pipe diameter limit.

Allow restrained-joint pipe by means of locking gaskets in lieu of concrete blocking.

Provide restrained-joint pipe length requirements and associated detail drawings.

Megalug retainer glands remain required at all mechanical joints.

Concrete blocking remains required at all hydrant installations.

703.12 Installation of Copper Services

Terrace restoration for service lateral-related work now incidental.

703.14(c) Main Flushing.  
Corrected phone number.

703.14(d) Hydrostatic Pressure Test  
Expel air prior to MWU arrival.  
Eliminate mandatory 5-psi loss re-pump (may be required at MWU's request).  
Set allowable low-pressure due to loss – 125 psi.

704.5 Cut-In Connection  
Changed to 'Cut-In or Connect-To Existing Water System' to allow payment for plug removal connections.

704.18 Adjust Water Valve Box  
Contractor to furnish top casting w/lid (formerly MWU furnished).  
Set pricing for additional materials, if required.

704.28 Furnish and Install Additional Fittings  
Revised set pricing for extra fittings.

704.36 Furnish Excavation and Ditch for Live-Tap  
Bid item now includes the cut-off & cap associated with the live-tap.

#### BID ITEMS

##### Deleted Items

20336	PIPE PLUG SANITARY	EACH
20337	PIPE PLU STORM	EACH
21101	REMOVE AND REPLACE MAILBOX	EACH
21072	EROSION MATTING, CLASS II, TYPE B	SY
40331	BASE PATCH GRINDING, METHOD 1	S.Y.
40334	BASE PATCH GRINDING, METHOD 4	S.Y.
70405	CUT-IN CONNECTION	EACH
70410	LEAD SERVICE REPLACEMENT	L.F.
70421	INSTALL BOLTLESS RESTRAINED JOINT PIPE & FITTINGS	EACH.
70422	TUNNELING AND JACKING WATER PIPE	L.F.
70424	TERRACE RESTORATION FOR WATER MAIN	L.F.
70425	CUT OUT EXISTING WATER MAIN FITTING	EACH
70426	CUT OUT AND REPLACE EXISTING WATER MAIN VALVE	EACH

##### New Items

20336	PIPE PLUG	EACH
21301	REMOVE AND REPLACE MAILBOX	EACH
21063	EROSION MATTING, CLASS I, TYPE A – ORGANIC	SY
21064	EROSION MATTING, CLASS I, TYPE B – ORGANIC	SY
21071	EROSION MATTING, CLASS II, TYPE A – ORGANIC	SY
21073	EROSION MATTING, CLASS II, TYPE C – ORGANIC	SY
21110	TERRACE RAIN GARDEN	SF
40335	BASE PATCH GRINDING, METHOD 5	S.Y.
50104	REBUILD BENCH AND FLOWLINE(S)	EACH
50766	TERRACE INLET TYPE 1	EACH
50767	TERRACE INLET TYPE 2	EACH
50768	TERRACE INLET TYPE 3	EACH
50769	TERRACE INLET TYPE 4	EACH
50770	TERRACE INLET TYPE 5	EACH
50793	PRIVATE STORM SEWER RECONNECT, TYPE 1	EACH
50794	PRIVATE STORM SEWER RECONNECT, TYPE 2	EACH

70405	CUT-IN OR CONNECT-TO EXISTING WATER SYSTEM	EACH
70424	LANDSCAPE RESTORATION FOR WATER MAIN	L.F.

### DETAIL DRAWINGS

SDD 4.08 TYPICAL SECTION BIKE PATH

Added note that Base Course is Grade 2

SDD 5.4.6 CONCRETE PIPE JOINT

A note referenced the incorrect specification section

SDD 5.7.12 TERRACE INLET TYPE 1

Revised grate number.

SDD 5.7.12A TERRACE INLET TYPE 2

Revised grate number.

SDD 5.7.12B TERRACE INLET TYPE 3

Revised grate number.

SDD 5.7.12C TERRACE INLET TYPE 4

Revised grate number.

SDD 5.7.12D TERRACE INLET TYPE 5

Revised grate number.

SDD 5.7.19 R-3067 CURB BOX

REMOVED FROM SPEC BOOK

SDD 5.7.33 H INLET ALLEY CURB

Revised casting number.

SDD 7.03 STANDARD THRUST BLOCKING

Renamed to SDD 7.03 (A). Added blocking detail for plugged cross.

SDD 7.03 (B) GRAVITY BLOCK THRUST RESTRAINT FOR VERTICAL DOWN BENDS

New detail drawing.

SDD 7.03 (C) ROD & CONCRETE BLOCK THRUST RESTRAINT FOR VERTICAL BENDS

New detail drawing.

SDD 7.04 TYPICAL HYDRANT INSTALLATION

Revised lead valve language to accommodate double main-line valves.

SDD 7.10 STANDARD BLOCKING FOR OFFSETS & BENDS

(Removed)

SDD 7.10 JOINT RESTRAINT LENGTHS FOR VERTICAL BENDS

New detail drawing.

SDD 7.12 OFFSETTING EXISTING WATER MAIN UNDER/OVER UTILITY CONFLICTS

New detail drawing.