

SUMMARY OF PUBLIC WORK STANDARD SPECIFICATION REVISIONS – 2012
ADOPTED FEBRUARY 28, 2012

102.10 Minimum Rate of Wage Scale
Revised to match current state law

103.5 Payment and Performance Bond
Bond is valid for 1 year after substantial completion not acceptance by common council.

105.5 Payment and Performance Bond
Tied bond to substantial completion vs. acceptance by city in accordance with state law

105.15 & 105.16 Final Acceptance and Guarantee
Revised some terminology to be consistent within these sections.

107.1 Public Convenience and Safety

107.13 Tree Care
Corrected typo. Revised trunk damage area from 1 sf to 0.5 sf.

110.2 Partial Payments
Revised language to reflect payments are made twice each month.

ARTICLE 202 – FILL

Deleted Medium Riprap and Extra Heavy Riprap specifications.
Added new Article 212 - Riprap specifications.

203.2(a) Removing Structures
Added language to make tree grate removal and installation a standard item vs. a special provision.

Revised language to make pipe plugs incidental to removing structures and abandoning pipe with slurry.

Added language to address removing sanitary SASs with CIPP pipe

205 Adjustment of Castings
Revised language so adjusting casting includes only adjusting rings. If the cone section needs to be adjusted then the pay item would be adjust structure.

ARTICLE 209 – TREES

Revised language regarding Contractor plant stock submittal requirements. Revised language regarding requirements for container grown plants and updated plant installation seasons.
Revised language related to Contractor requirements for care and final acceptance.

ARTICLE 210 – EROSION CONTROL

Updated Erosion Control Inspection to require photo documentation of failed practices only. Also included language for payment of late erosion control inspections and for liquidated damages for required inspections and reports that are not completed within 48 hours of the end of a rain day event. Added language and pay items for 8" silt sock, 12" silt sock and Inlet Protection Type D Hybrid.

ARTICLE 211 - TERRACE RAIN GARDEN

Added new Article 211 with Terrace Rain Garden specifications.

ARTICLE 212 - RIPRAP

Added new Article 212 with Riprap specifications.

ARTICLE 213 – MISCELLANEOUS

Changed numbering on entire Article 211 – Miscellaneous to Article 213 – Miscellaneous

301 Concrete Waste Management

This is now a standard item to manage concrete waste as incidental to construction activities.

303 Sidewalk Classification System

Established a classification system for sidewalks subject to MGO 10.28

Revised various sections for clarity.

Added tree grate installation to standard specifications

305.2 Sidewalk Replacement Program

Added language to require replacing sidewalk within 3 work days after removal or 24 hours if next to business or multi-family.

401.3 Base Course

Added language that ticket summaries are acceptable vs. individual tickets

402 HMA

Removed language for adjusting density required. Added language that ticket summaries are acceptable vs. individual tickets

403.3 Pulverize and Shape

Contractor shall reuse at least 50% of pulverized asphalt as base.

403.22 Sidewalk with Resurfacing

Corrected typo

404.4 Concrete Speed Humps

Added language defining how they are to be measured.

502.1 (f) Utility Trench Patch

Clarified that sawcut, is full depth and incidental and tie bars and dowel bars are incidental

ARTICLE 503 – SANITARY SEWER PIPES AND LATERALS

Added paragraph on lateral abandonment requirements.

ARTICLE 504 - STORM SEWER PIPES, APRON ENDWALLS AND OTHER STORM WATER CHANNELS

Revised to bring the spec book up to date with modified ASTM specs and correct some wording at the recommendation of pipe suppliers.

ARTICLE 507 – SEWER STRUCTURES

507.3(d) Downstream sanitary pipe connections to new sewer access structures shall be considered incidental to the cost to sewer access structure and not be paid for as a sanitary tap connection.

3. Added paragraph on installation of sanitary SAS with CIPP pipe

509.7(a) CCTV Inspection and Acceptance
Removed ASTM standards for closed-circuit television and replaced with NAASCO pipeline assessment standards.

Added paragraph on still image of liner watertight seal at sanitary access structure.

509.8 CIPP
Corrected typo

701.2 Description.
Requirements of compliance to field staked line and grade.

701.5 Finishing Work and Maintenance.
Requiring compliance with the latest edition of OSHA regulations.

702.1 General.
Clarifying the acceptability of partially damaged materials.

702.5 Materials for Service Lateral Installation.
Including specific compression style copper couplings to the approved materials list.

702.13 High Density Polyethylene Pipe (Horizontal Directional Drilling Only).
Identification requirements of HDPE pipe as water main.

703.1 General.
Requiring compliance to Article 203 for removal of existing pipes and structures.
Prohibiting the use of water main pipe to support any underground facilities.

703.6 Connecting to Existing Water Mains.
Cost of any plug removals is considered incidental to a water main connection.
Clarifying notification requirements during planned shut-offs.

703.8 Pipe Laying and Bedding.
Specifying the acceptable tolerance to the staked line and grade.
Requiring a plug to be placed at the open end of any water main at the end of each day.
Specifying the length of time chlorine may be in a pipe prior to flushing.

703.8(c) Valve Installation.
Verification of bolt tightness.
Requiring adequate box adjustment and prohibiting the use of cheaters.

703.8(d) Hydrant Installation.
48-hours has been revised to two working days.
Contractor's responsibility during required hydrant repairs.

703.8(e) Pipe Casing.
New Detail Drawing 7.09.

703.12 Installation of Copper Services.
Requiring vertical installation of "S" loop.
Prohibiting box placement within five feet of driveways or trees.
Prohibiting backfill with rocks three inches or larger.

703.14(a) Conductivity Testing.
Clarification of conductivity testing procedures.

703.14(b) Water Quality Testing.
Clarification of water quality testing procedure.
Contractor is required to incur all re-sampling costs.

703.14(c) Main Flushing.
48-hours has been revised to two working days.
Added formula for clarification.

703.14(d) Hydrostatic Pressure Test.
Added formula for clarification.

703.15 Cut Off Existing Water Main.
Placement requirement of a cap installed on the end of a pipe.

703.16 Final Inspection.
Requiring two working day notice.
Requiring verification that all boxes have adequate adjustment without the use of
cheaters/extensions.

704.5 Cut-In Connection.
Clarification to include applicable work on water services.

704.6 Furnish and Install Pipe and Fittings.
Clarifying temporary flushing devices.

704.8 Select Fill
Clarifying imported fill.
Prohibiting the use of asphalt or foreign debris as allowable backfill material.

704.9 Water Service Laterals.
Clarification to include the cover material for the pipe and location requirements of stop/box
removal.

704.16 Abandon Hydrant.
Hydrants that are damaged due to Contractor negligence will not be paid for abandonment of
and will be billed.

704.24 Terrace Restoration for Water Main.
Specifying seed mix accordance to section 207.2(a)1 of the Standard Specifications.

704.28 Furnish and Install Additional Fittings.
Updated standard compensation costs for additional fittings.

Biditems

Added the following new bid items

20225 Light Riprap	CY	
20226 Light Riprap		TON
20227 Medium Riprap	CY	
20228 Medium Riprap	TON	
20229 Heavy Riprap	CY	
20230 Heavy Riprap	TON	
20327 Remove Tree Grate	EACH	
20506 Adjust Sewer Access Structure Casting	EACH	
21017 Silt Sock (8 inch) – Complete	LF	
21018 Silt Sock (8 inch) – Provide, Install & Maintain	LF	
21019 Silt Sock (8 inch) – Remove & Restore	LF	
21055 Inlet Protection, Type D Hybrid – Complete	EACH	
21056 Inlet Protection, Type D Hybrid – Provide & Install	EACH	
21057 Inlet Protection, Type D Hybrid – Maintain	EACH	
21058 Inlet Protection, Type D Hybrid – Remove	EACH	
30210 Alley Gutter	LF	
30341 – 30345 Tree Grates (Various Sizes)	EACH	
60362-50368 CWPP Sanitary Sewer Pipe (Various Sizes)	LF	

Revised

(12 inch) to the following bid items

21024 Silt Sock (12 inch) - Complete
21025 Silt Sock (12 inch) – Provide, Install & Maintain
21026 Silt Sock (12 inch) – Remove & Restore

Deleted the following bid items

20229 Medium Riprap	CY
20230 Medium Riprap	TON

Detail Drawings

1.01	SILT FENCE Added note 7, removal of accumulated silt required.
1.03	TYPICAL INSTALLATIONS OF EROSION BALES Added note on accumulated silt removal.
1.04	INLET PROTECTION TYPE C AND TYPE C “MODIFIED” Added note for cleaning required, modified note on fabric and added WisDOT to fourth paragraph.
1.06	INLET PROTECTION TYPE D AND TYPE D “MODIFIED” Added note for when cleaning is required, deleted note 1 requiring 10” flaps and replaced with note requiring flaps to be trimmed to 3”
1.07	CONSTRUCTION ENTRANCE Added note 6, cleaning or adding new stone.

- 1.08 STREET CONSTRUCTION ENTRANCE BERM
Added note 6, cleaning or adding new stone.
- 1.09 SILT SOCK
Added note 5, 8" or 12" diameter sock.
- 1.11 INLET PROTECTION TYPE D HYBRID
New Standard Detail Drawing
- 2.09 RAINGARDEN DETAIL
New Standard Detail Drawing
- 5.3.3 COUPLING DETAIL
Revised language as to using proper coupling
- 5.7.3 STORM SEWER FIELD POURED SAS AND CATCH BASINS
Added 4" on note 3)
- 5.7.4 STORM SEWER 6'X6' CATCH BASIN
Revised note, Roof to be reinforced with #6 bars 4" C-C both ways.
- 5.7.12 TERRACE INLET TYPE 1
Added curb & gutter note.
- 5.7.12A TERRACE INLET TYPE 2
Added curb & gutter note.
- 5.7.12B TERRACE INLET TYPE 3
Added curb & gutter note.
- 5.7.12C TERRACE INLET TYPE 4
Added curb & gutter note.
- 5.7.12D TERRACE INLET TYPE 5
Added curb & gutter note.
- 5.7.39 SCREEN TREATMENT DEVICE
New Standard Detail Drawing.
- 5.7.39A SCREEN TREATMENT DEVICE
New Standard Detail Drawing.
- 7.08 Standard HDPE Pipe Restraints.
- 7.09 Casing Spacers.
- 7.10 Standard Blocking for Offsets and Bends.