

SUMMARY OF PUBLIC WORK STANDARD SPECIFICATION REVISIONS – 2013
ADOPTED Proposed Date December 11, 2012

102.13 Equal Benefits Requirement
New section.

104.6 Electrical quantities may be decreased from bid quantities without claims for damages or lost profit.

105.16 Guarantee
Guarantee is linked to Substantial Completion not Final Acceptance.

107.7 Maintenance of Traffic
Corrected a typo which referenced the incorrect detail.

107.14 Weapons Prohibition
New section.

110.5 Acceptance and Payment
City Engineer recommends final payment to the finance director once work has been completed and accepted instead of common council.

201.2 Excavation Cut
All concrete curb & gutter, concrete sidewalk, concrete pavement and asphalt pavement shall be recycled. The goal is 90%.

201.5 Earthwork
Deleted section for measurement of test rolling and finish grading as they incidental work items.

207, 208, 209 Seed, Sod and Plantings
Revisions to watering including in time of drought. Revisions to care, maintenance and replacement of plantings.

210.1 Erosion Control
Added language for timing of restoration of terrace after curb is completed.

210.1(g) Inlet Protection
Revision to allow for hybrid filters.

210.2(c) Erosion Matting
Clarify description of biodegradable materials.

211 Terrace Rain Garden
Deleted curb inlet casting and pipe, added construction of curb cut for drainage to the rain garden.

302.2 (e) Concrete Reinforcement
Added language to include standard detail drawings as a source.

302.3(b) Concrete Reinforcement
Tie bars and dowel bars are incidental to curb & gutter and concrete pavement.

402.1 Asphalt Construction
Clarified when to use which binder grade AC.

402.2 Compaction

Compaction in parking lots is required to meet the same specification as a roadway.

402.3 Asphalt Pavement

Clarified warm mix asphalt is not approved. Clarified percent of recycled material allowed in asphalt mixes.

402.5 Recycled Asphalt Pavement

Clarified source of shingles need to be approved by Engineer.

clarified when recycled HMA can be used and approved components,

403.3 HMA Pulverize and Shape

Streets can only be milled if the existing pavement is greater than 5" thick.

403.6 & 7 Resurfacing

Reorganized the specification. Some of the language is more appropriate for Article 402.

403.21 & 22 Resurfacing curb and sidewalk

Matting is required vs. straw mulch.

404.1 Concrete Pavement

Clarified a reference to the standard specifications.

405.5(b) Concrete Pavement

Clarified installation of dowel bars.

Article 408 Pavement Chip Sealing

New Section

502.2(j) Utility Trench Patches

Patch is paid as measured at the road surface and not along the pipe

503 Sanitary Sewer Pipes and Laterals

Added language to require a SAS at lateral connections where the main and the proposed lateral are the same size.

504 Storm Sewer Pipes, Apron Endwalls and other Storm Water Channels

Added SDR@26 pipe to approved storm pipes.

507.3(d) Sewer Connections

1. Sanitary Sewer

Added language to require a SAS at lateral connections where the main and the proposed lateral are the same size.

2. Storm Sewer

Added language to clarify types of storm pipe to use under the pavement and from the back of curb to the pavement.

508 Utility Crossing

Added language to clarify that the contractor is required to verify elevation of the top and bottom and location of both sides.

601.1 Added section dealing with damage to lighting, signals, or communication facilities

601.10 All quantities of a City-furnished material item shall be picked up on one appointment.

602.3(b) Location of conduits further defined. Manhole entrances should be watertight

602.3(c) Minimum cover requirement changed to 40 inches when within five feet of a handhole

602.4(b) Pay item language changed for access into manholes and for gopher raceway

604.5(b) Description added for Abandon Electrical Utility Access Structure

604.5 (c) Removing traffic signal controller cabinet concrete base will be paid for as a traffic signal base removal

607.1 Detailed descriptions added for Handholes Type I, III, and V

701 Water – General

Consistency between vertical and horizontal installation tolerances. Incidental use of hand tools. Establish invoicing/billing procedures for Contractor requested MWU services.

702 Water – Materials

Require all materials to be new and of current or previous year. Revise acceptable materials listing.

703.1 Water Construction Methods – General

Require all valves to be visible and accessible at all times. Establish considerations for temporary pipe supports.

703.2 Excavation

Clarify the descriptions for boulders and rock excavation.

703.6 (2) Connecting to Existing Water Mains

No planned shut-offs earlier than 8:00 AM.

703.8 Pipe Laying & Bedding

Added language for requirements at rectified main crossings. Revised hydrant installation language to limit bury depth and number of extensions. Added set-compensation for temporary hydrants or blow-offs required as a result of plan revisions. Require terrace restoration to be incidental to hydrant installations.

703.8 (f) Horizontal Directional Drilling

Any necessary provisions for hard rock drilling shall be included. Tracer wire must be corrosion resistant. Clarify tracer wire strength requirement.

703.9 Thrust Restraint

Clarifications to allowable thrust restraint procedures.

703.10 Disinfection

Clarify swabbing disinfection description. Require disinfection of caps, plugs, pressure testing containers.

703.12 Installation of Copper Services

Add requirement to install blocking under the curb stops. Include damage accountability for excavation adjacent to existing curb stops/boxes.

703.14 Main Flushing

Require nozzles to remain fully open during flushing. Correct error in allowable leakage formula.

704.4 Removal of Excess Amount of Boulders
Consistency of excess boulders/rock excavation descriptions.

704.8 Select Fill
Remove set-price compensation for select fill.

704.12 Disconnect/Reconnect Service Lateral
Separate pay items for 1.5-inch and 2-inch services.

704.28 Extra Fittings
Revise set-prices for extra fittings by size.

704.29,30,31 – Curb Box, Curb Stop, Adjustments
Establish set-prices for these occurrences.

704.36 Excavate Ditch for Live Tap
Clarify clearance requirements for performing tap.

DETAIL DRAWINGS:

1.05 Clear Stone Berm (Ditch Check)
Revised design to add 3" clear to front of check and filter fabric for stability.

2.09 Raingarden Detail
Deleted curb inlet casting and pipe, added construction of curb cut for drainage to the rain garden.

3.10 Longitudinal Joints and Pavement Ties Detail
Added language that tie bars and dowel bars are incidental

3.11 Doweled Concrete Pavement Detail
Typos and dowel bars and tie bars are incidental.

5.2.4 Typical Pavement Patch Sections
Revised Type II patch. Asphalt base will not be used.

6.29 Street Barricade Detail
Added information on how to barricade a street end when there is a sanitary access road beyond the end of the paved road.

6.09 Conduit Placement Under Commercial Driveway

6.27 Electrical Utility Access Structure Detail
Steel Frame/Cover, and Cable Rack supplied by contractor

6.45 LB-9 Base Detail
Formerly called LB-3 Modified

6.46 Conduit Installation Parallel to Curb

6.47 Multispace Parking Meter Base Detail
New detail.

7.04 Hydrant Installation
Revise bury depth notes.

7.11 Standard Water Main Trench Section
Add new detail drawing.

BID ITEMS

NEW ITEMS

20336	PIPE PLUG SANITARY	EACH
20337	PIPE PLUG STORM	EACH
20850	SOD DROUGHT WATERING	EACH
20970	TREES, SHRUBS, PERENNIALS AND GRASSES DROUGHT WATERING	EACH
40801	CHIP SEAL	LUMP SUM
60408	CONSTRUCT LB-9 BASE	EACH
60409	CONSTRUCTION OFFSET BASE	EACH
60414	BASE FOR MULTISPACE PARKING METER	EACH
60262	ELECTRICAL TRENCH PAVED ROADWAY	L.F.
70445	DISCONNECT / RECONNECT 2-INCH SERVICE LATERAL	L.F.
70446	RELACE 1-INCH COPPER SERVICE LATERAL	L.F.
70447	REPLACE 1 1/2-INCH COPPER SERVICE LATERAL	L.F.
70448	REPLACE 2-INCH COPPER SERVICE LATERAL	L.F.

DELETED BID ITEMS

70450	FURNISH & INSTALL CURB BOX	Each
70451	FURNISH & INSTALL CURB STOP	Each
70452	ADJUST WATER SERVICE BOX	Each
70453	ABANDON EXISTING CURB BOX	Each
70454	REPLACE COPPER SERVICE LATERAL	L.F.