

SUMMARY OF CHANGES
TO STANDARD DETAILS FOR CONSTRUCTION
DATED JULY 1, 2005

Section II-Miscellaneous Details

New Standard Details:

M/8.0, M/8.1a, M/8.1b and M/8.1c- Trench Detail for Rigid Pipe and Trench Detail for Flexible Pipe. Details added to coordinate with standard specification for Earthwork for Pipeline Construction.

Section III-Sewer Details

Revised Standard Details:

S/1.0- Revised Notes for Channel Lining.

S/3.03- Revised detail to add PVC AWWA C900 pipe.

S/3.1 and S/3.1a- Drops are now 12" and smaller.

S/3.1b and S/3.1c- Inside drops can be used for both new and existing precast manholes.

S/6.6- Added requirement to line transition manholes and interior of DIP and RCP sewers.

New Standard Details:

S/1.3- Precast Top Slab for Precast Concrete Manholes.

S/3.4- Manhole Steps in Channels for Sewers 36" and Larger.

S/8.1- Polyvinyl Chloride (PVC) Gravity Sewer Pipe Load Chart.

Section IV-Water Details

Revised Standard Details:

W/1.0- Deleted note about Commission furnishing testing equipment.

W/2.4, W/2.4a, W/2.5, W/2.5a, W/2.6, W/2.7, W/10.0, W/10.1, W/10.2, W/10.3, W/10.5, W/10.6- Added Rubber Annular Hydrostatic Sealing Devices around pipe openings, and added Polyethylene Encasement for DIP.

W/3.0, W/3.02, W/3.03, W/3.04, W/3.05 and W/3.06- Added Polyethylene Encasement for DIP.

W/3.01- Added Polyethylene Encasement for DIP and changed rip-rap to Class II.

W/4.2, W/4.3, W/4.4 and W/4.5- Revised piping layout for pressure relief and pressure reducing valve vaults.

W/8.0- Fire Hydrant detail has been revised to show Polyethylene Encasement for DIP.

New Standard Details:

W/2.8- Added Polyethylene Encasement at Concrete Interface.

W/4.6- Endwall for Pressure Relief Valve Piping at discharge point.

W/5.22 and W/5.23- Cast-in-Place and Precast Concrete Top for Pressure Reducing Valve Vaults.

W/5.6, W/5.7, W/5.8, and W/5.9- New Meter Settings for Water Services.

W/5.15 and W/5.15a- New Double Meter Settings.

W/6.1- Polyvinyl Chloride (PVC) Pipe (AWWA C900/905) Load Chart.

W/8.1- Fire Hydrant Setting Open Paving Section.

Section V-Blocking Details

Revised Standard Details:

B/1.9, B/2.3, B/3.2 and B/3.3- Details revised to use only Ductile Iron Pipe and Fittings.

B/3.1a and B/3.1b- Eliminated retainer glands.

Section VI-Corrosion Details

Revised Standard Details:

C/2.2- Removed “magnesium” from the “Prepackaged Anode” note.

C/3.3a and C/3.4- Changed “prepackaged standard magnesium anode” to “prepackaged zinc anode”.

C/4.2- Added two notes to locate Test Station out of proposed or existing paved areas and to provide Detectable Tape.
Pipe mounted above test station to be color-coded blue.

Section VII- Pressure Sewer Details

Revised Standard Details:

PS/1.0- Details revised to coordinate with standard specification for Earthwork for Pipeline Construction.

PS/1.1- Revised requirements for maximum cover at ball valve at property line.

PS/1.3- Changed type of valves for in-line flushing connection from Eccentric Plug to Ball valve. Added detail for Terminal Flushing Connection.

PS/1.5- Revised interior lining requirements for manholes per General Specifications.

PS/1.6- Changed method of connecting pressure sewer house connections to gravity main line sewer.

PS/1.8- Revised requirements for maximum cover at in-line ball valves.

PS/4.0, PS/4.1 and PS/4.2- Revised interior lining requirements for transition manholes per Specifications.

PS/5.0- Added requirements for connecting new PSHC to existing HDPE pipe.

New Standard Detail:

PS/6.0- Abandonment of Existing Pressure Sewer House Connection. Detail added per Specifications.

Section VIII-Sediment Control Details

No changes.

Section IX- Procurement and Manufacturing Details

New section adding WSSC fabrication details referenced in Standard Specifications.