

REVISION HISTORY

Part I - Donation Utility Construction					
Donation Water Mains					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
UC-000	<u>Donation Water Mains</u>	6/2005			
UC-005	<u>Project Approval</u>	6/2005			
UC-033	<u>Concrete, Mortar and Grout (Short)</u>	6/2005			
UC-055	<u>Structural Work</u>	8/1999			
UC-075	<u>Water Service Installations</u>	8/1999			
UC-080	<u>Meter Boxes, Sectional Plates and Vaults for Water Service</u>	1/1999			
UC-085	<u>Water Meter Valves</u>	1/1999			
UC-090	<u>Piling for Aerial Crossing</u>	8/1999			
UC-170	<u>Cleaning and Testing Mains</u>	3/2009			
UC-175	<u>Disinfection of Mains</u>	1/1999			
Donation Wastewater Gravity Systems					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
UC-250	<u>Gravity Sewer Systems</u>	5/2009			
UC-290	<u>Removal of Sanitary Sewerage and Debris</u>	1/1999			
UC-300	<u>Gravity Sewer Pipe Foundation</u>	1/1999			
UC-310	<u>Gravity Sewer Service Laterals</u>	8/1999			
UC-320	<u>Sewerage Bypass Pumping and Flow Control</u>	6/2005			
UC-330	<u>Repairs to Department Sewers</u>	8/1999			
UC-350	<u>Sewer Deflection Test</u>	1/1999			
UC-370	<u>Cleaning and Testing Gravity Sewers</u>	8/1999			
Donation Pumping Stations					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
UC-500	<u>Donation Pump Stations</u>	2/2009			
UC-570	<u>Installation of Pump Station</u>	6/2005			
UC-600	<u>Pump Station Electrical Material</u>	2/2007			
UC-610	<u>Pump Station Control Panel</u>	2/2007			

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UC-615	<u>Bubbler Leveler Controller</u>	6/2005			
UC-630	<u>Pump Station Testing</u>	6/2005			
Donation Force Mains					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
UC-750	<u>Donation Force Mains</u>	6/2005			
Reclaimed Water Systems					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
UC-800	<u>Reclaimed Water System Design and Construction Specifications</u>	6/2008			

Part II - General Provisions					
Division 1 - General Requirements					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
01005	<u>Defined Terms</u>	12/2006			
01011	<u>Site Conditions</u>	8/1999			
01016	<u>Safety Requirements and Protection of Property</u>	2/2009			
01018	<u>Environmental Contamination</u>	2/2009			
01031	<u>Grades, Lines and Levels</u>	1/1999			
01090	<u>Reference Standards</u>	1/1999			
01100	<u>Special Project Procedures</u>	5/2000			
01150	<u>Preconstruction Conference</u>	1/1999			
01340	<u>Shop Drawings</u>	5/2000			
01581	<u>Sub-Aqueous Pipeline Crossing Signage</u>	10/2009			
01600	<u>Materials and Equipment Shipping, Handling, Storage and Protection</u>	8/1999			
01710	<u>Cleaning</u>	1/1999			
01720	<u>Project Record Documents</u>	6/2005			
01725	<u>Project As-Builts</u>	1/1999			
01730	<u>Operating and Maintenance Data</u>	1/1999			
01740	<u>Permits</u>	8/1999			
01750	<u>Maintenance of Traffic and Public Streets</u>	8/1999			

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01775	<u>Magnetic Media Submittals</u>	1/1999			
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Part III - General Material & Methods of Construction					
Division 2 - Site Work					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
02230	<u>Clearing and Grubbing</u>	8/1999			
02260	<u>Steel Sheet Piling</u>	1/1999			
02314	<u>Excavation, Backfill and Fill for Structural</u>	8/1999			
02315	<u>Trenching and Backfilling for Piping Systems</u>	8/1999			
02536	<u>Precast Manholes & Covers</u>	5/2009	2/2009		
02615	<u>Concrete Protective Liner System for Precast Structures</u>	8/1999			
02620	<u>Manhole Frame Sealing System</u>	8/1999			
02625	<u>Sanitary Sewer Manhole Infiltration Insert</u>	1/1999			
02741	<u>Prime and Tack Coats</u>	1/1999			
02745	<u>Pavement Removal and Replacement</u>	8/1999			
02765	<u>Pavement Markings and Traffic Signs</u>	1/1999			
02822	<u>Chain Link Fences and Gates</u>	2/2009			
02900	<u>Landscaping</u>	1/1999			
Division 3 - Concrete					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
03300	<u>Cast-in-place Concrete, Reinforcing and Formwork</u>	5/2009	3/2009		
03375	<u>Flowable Fill</u>	1/1999			
03400	<u>Precast Prestressed Concrete</u>	1/1999			
03521	<u>Insulating Concrete Fill</u>	1/1999			
03600	<u>Grout</u>	1/1999			
Division 4 - Masonry					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
04060	<u>Mortar</u>	1/1999			
04082	<u>Joint Reinforcement</u>	1/1999			
04220	<u>Unit Masonry</u>	1/1999			

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Division 5 - Metals				
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)	
05120	<u>Miscellaneous and Structural Steel</u>	1/1999		
05140	<u>Structural Aluminum</u>	1/1999		
05520	<u>Aluminum Railings</u>	1/1999		
05540	<u>Access Hatches</u>	8/1999		
05550	<u>Castings</u>	8/1999		
Division 6 - Wood and Plastics				
(Not Used)				
Division 7 - Thermal and Moisture Protection				
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)	
07500	<u>Built-up Bituminous Roofing and Sheet Metal Over Lightweight Insulating Concrete Substrate or Structural Concrete Deck</u>	1/1999		
07920	<u>Sealants and Caulking</u>	1/1999		
Division 8 - Door and Windows				
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)	
08110	<u>Steel Doors and Frames</u>	6/2005		
08710	<u>Finish Hardware</u>	1/1999		
08720	<u>Aluminum Louvers</u>	6/2005		
Division 9 - Finishes				
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)	
9801	<u>Concrete Protecting Coatings</u>	1/1999		
9900	<u>Painting (Short)</u>	8/1999		
Division 10 - Specialties				
(Not Used)				
Division 11 - Equipment				
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)	
11205	<u>Submersible Wastewater Pumps</u>	6/2005		
11210	<u>Vertical (Dry-Pit) Centrifugal Sewage Pumps</u>	8/1999		
11215	<u>Sump Pump</u>	8/1999		
11500	<u>Fuel Storage Tanks</u>	2/2009	6/2005	
Division 12 through 13				
(Not Used)				
Division 14 - Conveying System				

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Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
14050	<u>Crane, Trolley and Hoist</u>	1/1999			
14060	<u>Hoist and Trolley</u>	1/1999			
Divison 15 - Mechanical					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
15010	<u>Basic Mechanical Requirements</u>	1/1999			
15040	<u>Seal Water System</u>	8/1999			
15060	<u>Piping and Fittings</u>	10/2009	12/2006		
15065	<u>Miscellaneous Materials</u>	9/2009	1/1999		
15070	<u>Jacking and Boring</u>	1/1999			
15075	<u>Aerial Crossing</u>	8/1999			
15080	<u>Horizontal Directional Drilling</u>	1/1999			
15100	<u>Valves, General</u>	1/1999			
15102	<u>Tapping Sleeves</u>	12/2006			
15105	<u>Ball Valves</u>	8/1999			
15110	<u>Butterfly Valves</u>	8/1999			
15115	<u>Check Valves</u>	1/1999			
15120	<u>Gate Valves</u>	12/2006			
15125	<u>Plug Valves</u>	8/1999			
15130	<u>Miscellaneous Valves</u>	12/2006			
15330	<u>Fire Hydrants</u>	12/2006			
15821	<u>Dehumidifier</u>	1/1999			
15860	<u>Air Moving Equipment</u>	2/2009			
Divison 16 - Electrical					
Section Number	Section Title	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
16152	<u>Variable Frequency Drives</u>	7/2009	1/1999		
16420	<u>Stationary Standby Engine/Generator Set</u>	6/2005			
16425	<u>Portable Engine-Generator Sets</u>	12/2006			
16780	<u>S. C. A. D. A. System R. T. U. Installation</u>	12/2006			

Part IV - MDWASD Standard Details					
General Details					
Detail Number	Description	Sheet Number	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)	
GS 0.5	<u>Standard Requirements for Water and Sewer Construction</u>	1 of 2	3/11/09	6/1/08	
GS 0.5	<u>As-Built Requirements</u>	2 of 2	3/11/09	6/1/08	
GS 1.0	<u>Typical Tie-Rod Details</u>	1 of 1	11/1/06		
GS 1.2	<u>Reinforced Concrete Slab (For Ground Cover less than 2.5')</u>	1 of 1	6/1/08		

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GS 1.3	<u>Buttweld for Field Welding</u>	1 of 1	11/1/06			
GS 1.4	<u>Pipe Guard (12" Pipe and Larger)</u>	1 of 2	11/1/06			
GS 1.4	<u>Pipe Guard Bolt Detail</u>	2 of 2	11/1/06			
GS 1.5	<u>Water and Sewer Main Crossings</u>	1 of 1	6/1/08	10/6/08		
GS 1.6	<u>Access Manhole for Concrete Pipe (30" and Larger)</u>	1 of 1	11/1/06			
GS 1.7	<u>Typical Tapping Valve Setting (16" and Smaller)</u>	1 of 1	1/22/09			
GS 1.8	<u>Tapping Sleeve and Valve Installation</u>	1 of 1	1/22/09			
GS 1.9	<u>Typical Trench Backfill for D.I. Water and Force Mains</u>	1 of 1	11/1/06			
GS 2.0	<u>Standard Requirements for Water & Sewer Mechanical Thrust Restraint</u>	1 of 5	11/1/06			
GS 2.0	<u>Thrust Restraint Design Ductile Iron/PVC Pipe (Vertical Offset)</u>	2 of 5	11/1/06			
GS 2.0	<u>Thrust Restraint Design Ductile Iron/PVC Pipe (Tee and Tapping Sleeve)</u>	3 of 5	11/1/06			
GS 2.0	<u>Thrust Restraint Design Ductile Iron/PVC Pipe (Dead Ends)</u>	4 of 5	11/1/06			
GS 2.0	<u>Thrust Restraint Design Ductile Iron/PVC Pipe (Horizontal Bends)</u>	5 of 5	11/1/06			
GS 2.1	<u>Embankment Typical Section</u>	1 of 1	6/1/08			
GS 3.0	<u>Standard Symbols</u>	1 of 2	2/10/09			
GS 3.0	<u>Standard Symbols</u>	2 of 2	2/10/09			
Water Detail						
Detail Number	Description	Sheet Number	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
WS 1.0	<u>Typical Gate Valve Setting (Smaller than 16")</u>	1 of 1	10/10/08	6/1/08		
WS 1.60	<u>Air Release Valve</u>	1 of 1	10/6/09	6/20/08	6/1/08	
WS 1.61	<u>Typical Flushing Valve Outlet</u>	1 of 1	10/6/09	6/20/08		
Water Box and Vault Details						
Detail Number	Description	Sheet Number	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
WS 2.05	<u>Casting Standards</u>	1 of 1	11/1/06			
WS 2.10	<u>Single Meter Box Installation</u>	1 of 3	6/1/08			
WS 2.10	<u>Single Meter Box Detail</u>	2 of 3	6/1/08			

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WS 2.10	<u>Single Meter Box for Multi-Story Building</u>	3 of 3	6/1/08			
WS 2.12	<u>Dual Meter Box</u>	1 of 2	11/1/06			
WS 2.12	<u>Dual Meter Box Installation for two 5/8" Meters</u>	2 of 2	6/20/08			
WS 2.16	<u>Typical 2" Service Installation with a 2" meter</u>	1 of 3	6/20/08	6/1/08		
WS 2.16	<u>Typical 2" Service Installation with a 1-1/2" meter</u>	2 of 3	6/1/08			
WS 2.16	<u>Typical 1" & 2" Service Connections (Copper or HDPE)</u>	3 of 3	9/3/09	3/25/08	6/1/08	6/20/08
WS 2.17	<u>Assembled 2' x 4' Vault (Precast Sections)</u>	1 of 5	11/1/06			
WS 2.17	<u>Assembled 2' x 4' Vault (Precast Sections)</u>	2 of 5	11/1/06			
WS 2.17	<u>Standard 2' x 4' Steel Cover Plate for Non-Traffic Vault</u>	3 of 5	11/1/06			
WS 2.17	<u>Details of 2' x 4' Steel Cover Plate for Non-Traffic Vault</u>	4 of 5	11/1/06			
WS 2.17	<u>2' x 4' Precast Meter Vault for Non-Traffic Areas</u>	5 of 5	11/1/06			
WS 2.19	<u>Standard Precast Meter Vault for Traffic Areas</u>	1 of 1	6/1/08	11/1/06		
WS 2.20	<u>4' x 4' Precast Sectional Meter Vaults for Non-Traffic Areas</u>	1 of 2	11/1/06			
WS 2.20	<u>4' x 4' Precast Meter Vault for Non-Traffic Areas</u>	2 of 2	11/1/06			
WS 2.21	<u>Easement Requirements for Service & Fire Hydrants</u>	1 of 3	10/5/09	6/20/08	6/1/08	
WS 2.21	<u>Easement Requirements for 8" Turbine Meter</u>	2 of 3	11/1/06			
WS 2.21	<u>Easement Requirements for 10" Turbine Meter</u>	3 of 3	11/1/06			
WS 2.30	<u>8-Inch Blow-Off Detail for a 20" D.I. Distribution Main</u>	1 of 1	6/20/08	11/1/06		
WS 2.40	<u>Typical Installations for Medical Facilities or Any Other Facilities Req. by WASD</u>	1 of 1	11/1/06			
Water Piping Details						
Detail Number	Description	Sheet Number	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
WS 3.10	<u>No. 2 C.I. Valve Box and Lid</u>	1 of 1	6/1/08			
WS 3.11	<u>No. 3 C.I. Valve Box</u>	1 of 2	6/1/08			
WS 3.11	<u>No. 3 C.I. Lid</u>	2 of 2	6/1/08			
WS 3.12	<u>Typical M.J. Butterfly Valve (24" and Smaller)</u>	1 of 1	10/10/08	6/1/08		
WS 3.13	<u>Leak Detector/Sampling Port Assembly Detail</u>	1 of 1	6/1/08			
WS 3.14	<u>Manhole for Butterfly Valve (30" and Larger)</u>	1 of 3	11/1/06			
WS 3.14	<u>Manhole for Butterfly Valve (30" and Larger)</u>	2 of 3	11/1/06			

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WS 3.14	<u>Manhole for Butterfly Valve (30" and Larger)</u>	3 of 3	11/1/06			
WS 3.15	<u>Steel Cover Assembly for No. 66-S Concrete Meter Box</u>	1 of 2	11/1/06			
WS 3.15	<u>Standard 34"x34" Steel Cover Plate for Non-traffic Areas Only</u>	2 of 2	11/1/06			
WS 4.10	<u>Typical Service Plan</u>	1 of 1	11/1/06			
WS 4.11	<u>Typical 1" Service Connection (Copper)</u>	1 of 1	3/14/08			
WS 4.12	<u>Typical Connection to Existing Main</u>	1 of 2	6/20/08			
WS 4.12	<u>Typical Connection to Existing Main</u>	2 of 2	6/20/08			
WS 4.13	<u>Typical 2" Galvanized Steel Connection to Existing Main</u>	1 of 1	6/22/09	2/10/09		
WS 4.16	<u>Meter Bank – 2" Supply</u>	1 of 2	11/1/06			
WS 4.16	<u>Meter Bank – 4" Supply</u>	2 of 2	6/1/08			
WS 4.18	<u>Reduced Pressure Zone Backflow Preventer for Water Service 3/4" thru 2"</u>	1 of 4	11/1/06			
WS 4.18	<u>Reduced Pressure Zone Backflow Preventer for Water Service 2-1/2" thru 4"</u>	2 of 4	11/1/06			
WS 4.18	<u>Reduced Pressure Zone Backflow Preventer for Water Service - Notes</u>	3 of 4	11/1/06			
WS 4.18	<u>Approved Backflow Prevention Assemblies-Notes</u>	4 of 4	11/1/06			
WS 4.19	<u>Pressure Vacuum Breaker, Irrigation System Only</u>	1 of 2	11/1/06			
WS 4.19	<u>Pressure Vacuum Breaker, Irrigation System - Notes</u>	2 of 2	11/1/06			
WS 4.20	<u>Typical Fire and Fire & Domestic Water Service Connections</u>	1 of 4	10/5/09	11/1/06		
WS 4.20	<u>Double Detector Check Valve Assembly for Fire Line Service</u>	2 of 4	9/30/09	11/1/06		
WS 4.20	<u>Double Detector Check Valve Assembly for Fire Line Service - Notes</u>	3 of 4	9/30/09	11/1/06		
WS 4.20	<u>Double Detector Check Valve in Parallel</u>	4 of 4	9/30/09	11/1/06		
WS 4.21	<u>Typical Pipe Layout for 4" Service</u>	1 of 2	10/5/09	6/20/08		
WS 4.21	<u>Dual 2" Meter Installation for Typical 2" Domestic Service Lines</u>	2 of 2	9/16/08			
WS 4.50	<u>Typical Fire Hydrant Installation with Guard Posts</u>	1 of 2	2/11/09			
WS 4.50	<u>Typical Fire Hydrant Installation in FDOT Right-of-Way</u>	2 of 2	2/11/09			
WS 4.60	<u>Water Main Crossing Drainage Ditch</u>	1 of 1	6/1/08			
Reclaimed Water Details						
Detail Number	Description	Sheet Number	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
RGN 1.0	<u>Reclaimed Water Mains, General Notes</u>	1 of 2	6/1/08			
RGN 1.0	<u>Reclaimed Water Mains, General Notes</u>	2 of 2	6/1/08			

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R 1.0	<u>Sign Post Installation</u>	1 of 1	6/1/08			
R 2.0	<u>Typical Residential Utility Layout Single Service Connections</u>	1 of 1	6/1/08			
R 3.0	<u>Residential Service Connection</u>	1 of 1	6/1/08			
R 4.0	<u>Pipe Identification</u>	1 of 1	6/1/08			
R 5.0	<u>Locating Devices for Non-Metallic Pipe</u>	1 of 1	6/1/08			
Sewer Details						
Detail Number	Description	Sheet Number	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
SS 1.0	<u>Wye Branch "Shallow" Connection (top of lateral pipe is 4' to less than 7' at property line)</u>	1 of 2	6/1/08			
SS 1.0	<u>Wye Branch "Deep" Connection (top of lateral pipe is 7' or deeper at property line)</u>	2 of 2	6/1/08			
SS 2.0	<u>Typical Modified Riser Connection Where Top of Sewer is 7 Feet or Deeper</u>	1 of 1	4/9/07			
SS 3.1	<u>Wye Branch Connection for Existing Shallow Main</u>	1 of 1	11/1/06			
SS 3.2	<u>Saddle Tee Fastened to Gravity Sewer Main Liner</u>	1 of 1	2/11/09			
SS 4.0	<u>Type "A" Manhole Cover and Frame</u>	1 of 2	6/1/08			
SS 4.0	<u>Type "A" Manhole Cover and Frame</u>	2 of 2	11/1/06			
SS 5.0	<u>Sewer Main or Lateral thru Drainage Ditch</u>	1 of 1	11/1/06			
SS 6.0	<u>Standard Manhole</u>	1 of 1	10/6/09	4/13/09		
SS 6.1	<u>Standard Manhole, Flow Channels</u>	1 of 1	4/13/09			
SS 6.2	<u>New Connection to Existing Manhole (Where no Stub-Out Exists)</u>	1 of 1	10/6/09	4/13/09		
SS 7.0	<u>Shallow Manhole</u>	1 of 1	4/13/09			
SS 8.0	<u>Detail Manhole Adjustment</u>	1 of 1	6/1/08			
SS 9.0	<u>Drop Connection - New Precast Manhole</u>	1 of 1	10/6/09	11/1/06		
SS 10.0	<u>Flow Patterns for Invert Channels</u>	1 of 1	11/1/06			
SS 11.0	<u>Air Release Valve Assembly - Sewage Force Mains</u>	1 of 2	12/4/08			
SS 11.0	<u>Automatic Air Release Valve Assembly</u>	2 of 2	12/4/08			
SS 13.0	<u>No. 53 C.I. Valve Box and Lid</u>	1 of 1	11/1/06			



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SS 15.0	<u>Check Valve Manhole</u>	1 of 1	10/6/09	11/1/06		
SS 16.0	<u>6" Plug Valve and Check Valve Manhole</u>	1 of 1	11/1/06			
SS 17.0	<u>Force Main Connection Private Ownership</u>	1 of 1	11/1/06			
SS 18.0	<u>Typical Trench Construction for V.C. and D.I. Pipe Gravity Sewer</u>	1 of 3	11/1/06			
SS 18.0	<u>Typical Trench Construction - PVC Pipe Gravity Sewers in Stable Soils</u>	2 of 3	11/1/06			
SS 18.0	<u>Typical Trench Construction - PVC Pipe Gravity Sewers in Unstable Soils</u>	3 of 3	11/1/06			
SS 19.1	<u>Typical Plug Valve Installation</u>	1 of 1	3/24/09			
SS 21.0	<u>Manhole/Valve Box in Grass Areas</u>	1 of 1	6/1/08			
Accessory Details						
Detail Number	Description	Sheet Number	Current Issue Date on Document	Prior Revision Dates for Reference (Since 2007)		
A 1.0	<u>Pavement Restoration - Type I</u>	1 of 1	6/1/08			
A 1.1	<u>Pavement Restoration - Type V</u>	1 of 1	11/1/06			
A 1.2	<u>Pavement Restoration - Type II (State Road)</u>	1 of 1	11/1/06			
A 2.0	<u>Pavement Restoration - Type III</u>	1 of 1	11/1/06			
A 3.0	<u>Pavement Restoration - Type IV</u>	1 of 1	11/1/06			
A 4.0	<u>Pavement Restoration - Type M</u>	1 of 1	11/1/06			
A 8.0	<u>Support for Carrier Pipe inside Casing</u>	1 of 2	11/1/06			
A 8.0	<u>Wood Block Details for Casing Pipe</u>	2 of 2	11/1/06			
A 9.0	<u>Polyethylene Encasement for Ductile Iron Pipe</u>	1 of 1	11/1/06			
A 10.0	<u>Abbreviations for Department's Projects</u>	1 of 3	6/1/08			
A 10.0	<u>Abbreviations for Department's Projects</u>	2 of 3	6/1/08			
A 10.0	<u>Abbreviations for Department's Projects</u>	3 of 3	6/1/08			

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Part V - Appendices			
Appendix A - Pump Station Design Package		Current Issue Date on Document	Prior Revision Dates for Reference (since 2007)
Pump Station Design Package (PSDP-4/96) (3 Pages)		4/1996	
Pump Station Technical Plans Review and Approval Transfer Form (PSPR-4/96) (1 Page)		4/1996	
Appendix B - Supplemental Design Guidelines for Lift Stations and Force Mains (66 pages)		Current Issue Date on Document	Prior Revision Dates for Reference (since 2007)
(Developed through WASD Pump Station Improvement Program, May 1994, Revised Jan. 1999)		1/1999	
Appendix C - Sewer Pump Station Guidelines (3 Pages)		Current Issue Date on Document	Prior Revision Dates for Reference (since 2007)
(Developed by WASD Engineering Division Staff, Revised Jan. 1999)		1/1999	
Appendix D - Basic Guide to Corrosion Protection (24 Pages)		Current Issue Date on Document	Prior Revision Dates for Reference (since 2007)
(Developed by WASD Engineering Division Staff, May 1996)		5/1996	

Appendix E - Standard Pump Station Drawings						
Sheet No.	Title	PDF	DWG	Drawing No.	Current Issue Date on Document	Prior Revision Dates for Reference (since 2007)
C-1	<u>Cover Sheet</u>			S-00000-A	11/1/06	
C-2	<u>Site Plan, Legend and Notes</u>			S-00000-A	11/1/06	
A-1	<u>Emergency Generator Building, Floor Plan, Sections and Details</u>			S-00000-A	3/6/09	
S-1	<u>Structural Plan, Sections and Details</u>			S-00000-A	3/6/09	
S-2	<u>Emergency Generator Building Foundation Plan, Floor Plan and</u>			S-00000-A	11/1/06	
S-3	<u>Structural General Notes</u>			S-00000-A	11/1/06	
M-1	<u>Mechanical Plan, Sections, Details and Pump Data</u>			S-00000-A	11/1/06	
E-1	<u>Electrical Site Plan, Power/Control and Wiring Schedule</u>			S-00000-A	11/1/06	
E-2	<u>Electrical Control Panel and Details</u>			S-00000-A	11/1/06	
E-3	<u>Emergency Generator Building Electrical Floor Plan and Legend</u>			S-00000-A	11/1/06	
E-4	<u>R. T. U. Installation Wiring Diagrams</u>			S-00000-A	11/1/06	
E-5	<u>Electrical General Notes</u>			S-00000-A	11/1/06	

Appendix F - Turbine Meter Guidelines						
Sheet No.	Title	PDF	DWG	Drawing No.	Current Issue Date on Document	Prior Revision Dates for Reference (since 2007)
WM-1	<u>Design Guidelines for Turbine Meters 4" to 10" with By-Pass</u>			W-00000-A	5/30/08	