

**STANDARD DRAWINGS 2021 EDITION - CROSS REFERENCE TABLE**  
(Updates made from 2018 Edition)

\* Updated  
 \*\* New Drawing  
 \*\*\* Deleted  
 (Note: Copied 2018 version of Regional Standards Drawing with no or minor changes from last version)

<b>CONCRETE STRUCTURES</b>		<b>Status</b>
SDC-103	Structure Excavation & Backfill (2)	
SDC-105	Masonry Wall	
SDC-107	Retaining Wall Notes	
SDC-108	Retaining Wall Details	
C-01	Masonry Retaining Wall Type 1 Level Backfill with 2-In. Heel	2018 version from Regional Standard Drawings
C-02	Masonry Retaining Wall Type 2 (Live Load Surcharge or Sloping Backfill)	2018 version from Regional Standard Drawings
C-03	Masonry Retaining Wall Type 3 (Level Backfill)	2018 version from Regional Standard Drawings
C-04	Masonry Retaining Wall Type 4 (Live Load Surcharge or Sloping Backfill)	2018 version from Regional Standard Drawings
C-05	Masonry Retaining Wall Type 5 (Level Backfill)	2018 version from Regional Standard Drawings
C-06	Masonry Retaining Wall Type 6 (Live Load Surcharge or Sloping Backfill)	2018 version from Regional Standard Drawings
C-09	Gravity Retaining Walls	2018 version from Regional Standard Drawings
C-10	General Notes and Details for Gravity Retaining Walls	2018 version from Regional Standard Drawings
C-11A	Reinforced Concrete Retaining Wall Type 1 - Elevation	2018 version from Regional Standard Drawings
C-11B	Reinforced Concrete Retaining Wall Type 1 - Spread Footing	2018 version from Regional Standard Drawings
C-11C	Reinforced Concrete Retaining Wall Type 1 - Pile Footing	2018 version from Regional Standard Drawings
C-11D	Reinforced Concrete Retaining Wall Type 1 - Dimension and Steel Table	2018 version from Regional Standard Drawings
C-12A	Reinforced Concrete Retaining Wall Type 1A	2018 version from Regional Standard Drawings
C-12B	Reinforced Concrete Retaining Wall Type 1A	2018 version from Regional Standard Drawings
C-13A	Reinforced Concrete Retaining Wall Details No. 1	2018 version from Regional Standard Drawings
C-13B	Reinforced Concrete Retaining Wall Details No. 1	2018 version from Regional Standard Drawings
C-13C	Reinforced Concrete Retaining Wall Details No. 1	2018 version from Regional Standard Drawings
C-13D	Reinforced Concrete Retaining Wall Details No. 1	2018 version from Regional Standard Drawings
C-14	Reinforced Concrete Retaining Wall Details No. 2	2018 version from Regional Standard Drawings
C-15	Reinforced Concrete Retaining Wall Details No. 3	2018 version from Regional Standard Drawings
<b>DRAINAGE SYSTEM</b>		<b>Status</b>
SDD-101	Typical Ford (2)	
SDD-102	Curb Inlet Opening	
SDD-103	Slotted Drain Connections to Standard Inlets	
SDD-104	Rip Rap Energy Dissipator	
SDD-105*	Concrete Energy Dissipator (2)	Updated
SDD-106	Drainage Ditches	
SDD-107	Minor Drainage Channel	
SDD-108	Major Drainage Channel	
SDD-109	Graded Earth Channel	
SDD-110	Pipe Bedding and Trench Backfill for Storm Drains	
SDD-111	Box Culvert Wingwall (6)	

SDD-112	Box Culvert Warped Wingwall (3)	
SDD-113	Concrete Lug	
SDD-114	Inlets and Cleanouts Notes and Details (2)	
SDD-115	Curb Inlet – Type A (2)	
SDD-116*	Curb Inlet – Type B (2)	Updated
SDD-117	Curb Inlet – Type C (2)	
SDD-118	Median Curb Inlet – Type J	
SDD-119	Catch Basin – Type F	
D-03B	Concrete Apron for Type C Curb Inlet	2018 version from Regional Standard Drawings
D-09	Storm Drain Cleanout – Type A	2018 version from Regional Standard Drawings
D-10	Storm Drain Cleanout – Type B	2018 version from Regional Standard Drawings
D-13	Welded Steel Grate Frame	2018 version from Regional Standard Drawings
D-15	Drainage Structure Grate	2018 version from Regional Standard Drawings
D-16	Corrugated Steel Pipe Inlets Types A and B	2018 version from Regional Standard Drawings
D-17A	Corrugated Steel Pipe Inlets, Details	2018 version from Regional Standard Drawings
D-17B	Corrugated Steel Pipe Inlets, Details	2018 version from Regional Standard Drawings
D-22	Asphalt Concrete Spillway	2018 version from Regional Standard Drawings
D-23	Tapered Inlet and Downdrain Flume	2018 version from Regional Standard Drawings
D-25A	Curb Outlet – Type A	2018 version from Regional Standard Drawings
D-25B	Modified Curb Outlet – Type B	
D-27	Sidewalk Underdrain Pipe	2018 version from Regional Standard Drawings
D-29	Catch Basin – Type I	2018 version from Regional Standard Drawings
D-30	Straight Headwall – Type A [Circular Pipe]	2018 version from Regional Standard Drawings
D-31	Straight Headwall – Type A [Corrugated Steel Pipe – Arch]	2018 version from Regional Standard Drawings
D-32	Straight Headwall – Type B [Circular Pipe]	2018 version from Regional Standard Drawings
D-33	Straight Headwall – Type B [Corrugated Steel Pipe. – Arch Pipe]	2018 version from Regional Standard Drawings
D-34	Wing and U Type Headwalls for 18” to 36” Pipes	2018 version from Regional Standard Drawings
D-35A	Wing and U Type Headwalls for 42” to 84” Pipe	2018 version from Regional Standard Drawings
D-35B	Wing and U Type Headwalls for 42” to 84” Pipe	2018 version from Regional Standard Drawings
D-36	L Type Headwalls [Circular Pipes]	2018 version from Regional Standard Drawings
D-37	L Type Headwalls [Corrugated Steel Pipe. Arch]	2018 version from Regional Standard Drawings
D-38	Curtain Wall	2018 version from Regional Standard Drawings
D-39	Inlet Apron for Culverts Up to 42” Diameter	2018 version from Regional Standard Drawings
D-42	Concrete Energy Dissipator (Reinforcement) 18” to 30” Diameter Pipe	2018 version from Regional Standard Drawings
D-43A	Concrete Energy Dissipator (Reinforcement) 36” to 72” Diameter Pipe	2018 version from Regional Standard Drawings
D-43B	Concrete Energy Dissipator (Reinforcement) 36” to 72” Diameter Pipe	2018 version from Regional Standard Drawings
D-43C	Concrete Energy Dissipator (Reinforcement) 36” to 72” Diameter Pipe	2018 version from Regional Standard Drawings
D-44A	Pipe Culvert – Headwalls, Endwalls & Warped Wingwalls	2018 version from Regional Standard Drawings
D-44B	Pipe Culvert – Headwalls, Endwalls & Warped Wingwalls	2018 version from Regional Standard Drawings
D-44C	Pipe Culvert – Headwalls, Endwalls & Warped Wingwalls	2018 version from Regional Standard Drawings
D-44D	Pipe Culvert – Headwalls, Endwalls & Warped Wingwalls	2018 version from Regional Standard Drawings
D-61	Rounded Pipe Ends in Drainage Structures	2018 version from Regional Standard Drawings
D-62	Pipe Collar	2018 version from Regional Standard Drawings
D-72	Cutoff Wall for Drainage Channel	2018 version from Regional Standard Drawings
D-73	Pipe to Channel Connection	2018 version from Regional Standard Drawings

D-76A	Single Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-76B	Single box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-76C	Single Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-76D	Single Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-76E	Single Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-76F	Single Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-76G	Single Box Culvert Details No. 2	2018 version from Regional Standard Drawings
D-77A	Double Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-77B	Double Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-77C	Double Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-77D	Double Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-77E	Double Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-77F	Double Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-77G	Double Box Culvert Details No. 2	2018 version from Regional Standard Drawings
D-78A	Triple Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-78B	Triple Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-78C	Triple Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-78D	Triple Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-78E	Triple Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-78F	Triple Box Culvert Details No. 1	2018 version from Regional Standard Drawings
D-78G	Triple Box Culvert Details No. 2	2018 version from Regional Standard Drawings
D-81A	Box Culvert Miscellaneous Details No. 1	2018 version from Regional Standard Drawings
D-81B	Box Culvert Miscellaneous Details No. 2	2018 version from Regional Standard Drawings
D-82	Debris Fence	2018 version from Regional Standard Drawings
<b>ELECTRICAL SYSTEM</b>		<b>Status</b>
SDE-101	Street Lighting Standard	
SDE-102	Model 336 Cabinet	
SDE-104	Type E Modified Loop (2)	
SDE-105	Streetscape Pole Type P-A	
SDE-106	Streetscape Pole Type P-AP	
SDE-107	Streetscape Luminaire Type AP	
SDE-108	Streetscape Pole Type P-C	
SDE-109	Streetscape Pole Type P-CE/CI	
SDE-110	Streetscape Pole Type P-G	
SDE-111	Streetscape Pole Type P-T	
E-02	Grounding of Concrete Lighting Standards	2018 version from Regional Standard Drawings
E-03	Pedestal for Electrical Equipment	2018 version from Regional Standard Drawings
<b>GENERAL SURFACE IMPROVEMENTS</b>		<b>Status</b>
SDG-102	Bus Stop Slab	
SDG-106	Cold Milling & Asphalt Concrete Overlay - Types A & B (2)	
SDG-107	Trench Resurfacing for Asphalt Concrete Surfaced Streets	
SDG-108	Trench Resurfacing for PCC Surfaced Streets	
SDG-109	Sidewalk Joint Locations	

SDG-110	Inlet Transition Profile (2)	
SDG-112	Raised Center Median (2)	
SDG-113*	Pavement Design Standards Schedule "J" (4)	Updated
SDG-115	Existing Historical Stamp or Impression Placement	
SDG-116**	Slot Trench Resurfacing	New
SDG-117A*	Narrow Trench Resurfacing For Asphalt Concrete Surface Streets Option A - One Conduit (2)	Updated
SDG-117B*	Narrow Trench Resurfacing for Asphalt Concrete Surface Streets Option B - Two Conduits (2)	Updated
SDG-117C*	Narrow Trench Resurfacing for Asphalt Concrete Surface Streets Option C - Three Conduits (2)	Updated
SDG-118	Narrow Trench Resurfacing for PCC Surfaced Streets	
SDG-119*	Trench Types 1 & 2 Backfill for Dry Utility	Updated
SDG-120	Alley Apron	
SDG-121	Concrete Alley Pavement Section	
SDG-123	24-Inch and Smaller Utility Pothole (2)	
SDG-130*	Detectable Warning Tiles	Updated
SDG-131*	General Curb Ramp Notes (3)	Updated
SDG-132*	Curb Ramp - Type A	Updated
SDG-133*	Curb Ramp - Type B (2)	Updated
SDG-134*	Dual Curb Ramps (2)	Updated
SDG-135*	Curb Ramps - Type C1 and C2 (3)	Updated
SDG-136*	Curb Ramps - Additional Details (2)	Updated
SDG-137*	Curb Ramp - Type D (2)	Updated
SDG-138***	General Curb Ramps	Deleted
SDG-139*	Pedestrian Island and Cut - Through Details	Updated
SDG-140*	Protective Railing at Curb Ramps	Updated
SDG-141	Pedestrian Barricade - Type A	
SDG-150	Curb and Gutter - Separate	
SDG-151	Curb and Gutter - Combined	
SDG-154	Curb and Gutter - Medians	
SDG-155	Sidewalk - Typical Sections	
SDG-156	Concrete Curb, Gutter, Sidewalk and Pavement Removal and Replacement	
SDG-157*	Cross Gutter	Updated
SDG-158	Mid-Block Cross Gutter	
SDG-159	Concrete Driveway (Contiguous Sidewalk) (2)	
SDG-160	Concrete Driveway (Non-Contiguous Sidewalk)	
SDG-161	Residential Concrete Driveway (Parkway Less Than 10' In Depth)	
SDG-162	Concrete Driveway (For Confined Right-of-Way)	
SDG-163	Commercial Concrete Driveway	
SDG-164	Driveway Location and Width Requirements	
SDG-165	Micro-Trench Backfill For Dry Utilities	
G-5	Dikes - Asphalt Concrete	2018 version from Regional Standard Drawings
G-10	Concrete Joint Details	2018 version from Regional Standard Drawings
G-15	Driveway Location - Adjacent to Curb Returns and Street Lines	2018 version from Regional Standard Drawings
G-18	Concrete Pavement Width 40' or Less	2018 version from Regional Standard Drawings
G-19	Concrete Pavement Width 40' to 62'	2018 version from Regional Standard Drawings
G-22	Cutoff Wall at End of Pavement	2018 version from Regional Standard Drawings

G-23	Cutoff Wall at End of Alley Pavement	2018 version from Regional Standard Drawings
G-36	Slurry Backfill	2018 version from Regional Standard Drawings
<b>SPRINKLER IRRIGATION SYSTEMS</b>		<b>Status</b>
SDI-101*	Shrub Spray Head on Fixed Riser	Updated
SDI-102*	Rotor or Impact Head on Fixed Riser	Updated
SDI-103*	Rotor, Spray, or Bubbler Pop-up Head	Updated
SDI-104*	Tree Bubbler Tube	Updated
SDI-105	Quick Coupling Valve	
SDI-106*	Isolation Glove Valve 2" or Smaller	Updated
SDI-107	Isolation Glove/Gate Valve 2 1/2" and Larger	
SDI-110*	Irrigation Trench PVC or Copper Pipe	Updated
SDI-111	Master Valve	
SDI-112	Flow Sensor	
SDI-114*	Remote Control Valve	Updated
SDI-115	Electrical Pull Box for Direct Burial Control Wires and Splice Notes	
SDI-116	Solar Irrigation Controller	
SDI-117	Automatic Irrigation Controller Pedestal Mounted	
SDI-118*	Automatic Irrigation Controller Indoor Wall Mounted	Updated
SDI-119	Control Wire Installation	
SDI-120	On-Grade Pipe Stabilization Temporary installation	
SDI-123	Swing Joint and Pipe Installation on Slopes Above Ground Pipe Installations	
SDI-125	Remote Control Valve Manifold Assembly with PVC Pipe (Temporary Systems)	
SDI-126*	Remote Control Valve Manifold Assembly with Brass Pipe	Updated
SDI-127*	Remote Control Valve Drip Irrigation	Updated
SDI-128	Air / Vacuum Relief Valve	
SDI-129	Drip Irrigation Flush Valve (Automatic)	
<b>LANDSCAPING</b>		<b>Status</b>
SDL-101	Tree Planting and Staking	
SDL-102	Shrub Planting/Ground Cover Spacing	
SDL-103	Concrete Mowing Strip	
SDL-104	Tree Grate	
SDL-105	Light Pole Pad in Turf Areas	
SDL-106	Root Control Barrier	
SDL-107	Palm Tree Planting (2)	
<b>MISCELLANEOUS</b>		<b>Status</b>
SDM-101	Left Turn Median Transition	
SDM-102	Street Name Sign (4)	
SDM-103	Joint Trench Locations	
SDM-104	Break-Away Sign Post	
SDM-105*	Warning / Identification Tape Installation	Updated
SDM-107	Dual Height Drinking Fountain (New Construction)	
SDM-108	Dual Height Drinking Fountain Non-Alcove (For Existing Structures)	

SDM-109	Underground Typical Location (New Construction)	
SDM-111	Utility Locations in Local and Major Streets Prime Arterials and Expressways	
SDM-112	Vinyl Coated Chain Link Fence	
SDM-113	Manhole Cover – Locking Device	
SDM-114	Chain Link Gate (2)	
SDM-115	Pedestrian Ramp and Protective Railing (3)	
SDM-116	Continental Crosswalk Markings Layout and Notes (3)	
SDM-117	Accessible Parking (9)	
SDM-118	Pedestrian Protective Railing & Stair Handrail (3)	
SDM-119	Tennis Court Fence Chain Link	
SDM-130	Guardrail	
SDM-131**	Temporary Pedestrian Plaza/Outdoor Dining Platform (2)	New
M-01	24” Manhole Frame and Cover Heavy Duty	2018 version from Regional Standard Drawings
M-02	24” Manhole Frame and Cover Light Duty	2018 version from Regional Standard Drawings
M-03A	36” Manhole Frame and Two Concentric Covers Heavy Duty	2018 version from Regional Standard Drawings
M-9	Guard Post and Barricade	2018 version from Regional Standard Drawings
M-10A	Street Survey Monument	2018 version from Regional Standard Drawings
M-10B	Street Survey Monument Overlay Adjustment	2018 version from Regional Standard Drawings
M-10C	Street Survey Monument Notes	2018 version from Regional Standard Drawings
M-11	Bench Mark – Brass Plug	2018 version from Regional Standard Drawings
M-12	Datums	2018 version from Regional Standard Drawings
M-13	Survey Monuments	2018 version from Regional Standard Drawings
M-14	Metric Equivalents	2018 version from Regional Standard Drawings
M-16	Demountable Post	2018 version from Regional Standard Drawings
M-20	Chain Link Fence Details	2018 version from Regional Standard Drawings
M-21	Underground Typical Location Conversion/Replacement/Upgrade	2018 version from Regional Standard Drawings
<b>RECYCLED WATER SYSTEMS</b>		<b>Status</b>
SDRW-101	Pipe Bedding and Trench Backfill for Recycled Water Mains	
SDRW-102	2” Recycled Water Service Installation and Marking (2)	
SDRW-103	Recycled Water Valve and Valve Box (Light Duty)	
SDRW-104	Recycled Water Valve and Valve Box (Heavy Duty)	
SDRW-105	Recycled Water Valve Well Cover	
SDRW-106	Recycled Water Valve Key Extension	
SDRW-108	Recycled Water Signs (4)	
SDRW-109	Sign / Tag for Recycled Water Irrigation Remote Control Valve	
SDRW-110	Sign / Tag for Recycled Water Irrigation Valve	
SDRW-111	Sign / Tag for Identification of Recycled Water Control Devices	
SDRW-112	Sign / Tag for Recycled Water Irrigation Box Cover / Lid	
SDRW-113	Sign / Tag for Recycled Water Automatic Irrigation Controller	
SDRW-114	Recycled Water Tag	
SDRW-115	Recycled Water Quick Coupling Valve (2)	
SDRW-116	Cross Connection Control Test Station	
SDRW-120	Threshold Bypass Piping	

SDRW-121	Typical Curb Marker Installation Location	
<b>SEWER SYSTEM</b>		<b>Status</b>
SDS-101	Permissible Depth of Cover for PVC Pipe	
SDS-102*	Sewer Lateral Cleanout (In Paved Alley, or Other Areas Subject to Traffic)	Updated
SDS-103*	Sewer Lateral Cleanout on Sidewalk and Parkway	Updated
SDS-104	4" Backwater Device (2)	
SDS-105*	House Connection (Sewer Lateral)	Updated
SDS-106	Manhole 5' x 3' Diameter	
SDS-107	Manhole - 4' x 3' Diameter (For 15" Maximum Diameter Pipe)	
SDS-108	Manhole Pipe Connectors	
SDS-109	Cleanout - Sewer Force Main	
SDS-110	Pipe Bedding and Trench Backfill for Sewers	
SDS-112	Concrete Encasement	
SDS-113	Concrete Backfill	
SDS-114	Concrete Anchor	
SDS-115	Cutoff Wall	
SDS-116	Concrete Protection for Existing Sewer Pipe	
SDS-117	Concrete Support for Undercut Sewer Pipe	
SDS-118	House Connection Sewer Repair	
SDS-119	Pipe Bedding and Trench Backfill for Sewers in Groundwater	
SDS-120	Sewer Manhole Base	
SDS-121*	Sewer Main Cleanout	Updated
SC-01	Sewer Cleanout	2018 version from Regional Standard Drawings
SM-07	Manhole Coating and Lining System	2018 version from Regional Standard Drawings
SM-08	Existing Manhole Abandonment	2018 version from Regional Standard Drawings
<b>STORM WATER SYSTEM</b>		<b>Status</b>
SDSW-101	Cleanout For Underdrain (2)	
SDSW-102	Perforated Underdrain Detail (2)	
SDSW-103	Bioretention Overflow Structure	
SDSW-104	Vertical PVC Liner Attachment	
<b>WATER SYSTEMS</b>		<b>Status</b>
SDW-101	Typical Outlet for SCRW Pipe Steel Pipe and Pipe Specials	
SDW-103	Access Manhole	
SDW-104*	Fire Hydrant Installation (3)	Updated
SDW-105*	Backflow Preventer for 4" and Larger Fire Service (2)	Updated
SDW-106	Blow-Off Assemblies at the End of PVC and Cast Iron Mains	
SDW-107*	Trench for 1" & 2" Water Services	Updated
SDW-108	Field Welded Joints	
SDW-109	Valve Key Extensions	
SDW-110*	Pipe Bedding and Trench Backfill for Potable Water Mains	Updated
SDW-111	Spigot Ring & Gasket Joint for Welded Steel Pipe	
SDW-112	Concrete Encasement For Water Mains(2)	

SDW-113***	Concrete Water Meter Box for 1 1/2" or 2" Water Meter	Deleted
SDW-114	2" Meter, Backflow and Coffey Box (3)	
SDW-115	Read Hole Cap & Chain Detail (For Metal Meter Vault Covers)	
SDW-117	Air and Vacuum Valve Enclosure & Location (2)	
SDW-118	Fire Service Connection & Assembly	
SDW-119	Dual Above Ground Meter With City Backflow Preventer (2)	
SDW-121*	At-Grade Cathodic Protection Test Station Installation for Roadways (2)	Updated
SDW-122*	Joint Bonding of Non-Welded Pipe Joints & Fittings	Updated
SDW-123*	Insulating Flange Insulating Mechanical Coupling Monolithic Isolation Joint (4)	Updated
SDW-124	Post-Mounted Test Station Wire Termination Detail	
SDW-125***	Exothermic Welding of Cables and Coating of Welding	Deleted
SDW-125*	Wire-To-Pipe Connections and Coating Repair (3)	Updated
SDW-126*	Installation of Directly Buried Cables and Conduit	Updated
SDW-127*	Above Ground Cathodic Protection Test Station Installation for Undeveloped Areas (±) (3)	Updated
SDW-128*	At-Grade Concrete Test Box(2)	Updated
SDW-129	At-Grade Cathodic Protection Test Station Wiring Diagram for Roadways	
SDW-130*	Four-Wire Insulating Flange and Casing Test Station Installation (2)	Updated
SDW-131*	Wire Identification	Updated
SDW-132**	Above Ground Cathodic Protection Test Station Installation for Undeveloped Areas	New
SDW-133**	Standard Potential Magnesium Anode	New
SDW-134*	Water Meter Box for 1" Water Service	Updated
SDW-135*	Water Meter Box for 2" Water Service	Updated
SDW-136*	Water Meter Box Cover for 1" or 2" Water Service	Updated
SDW-137	Traffic Rated Cover and Meter Box Installation	
SDW-138	Multiple Service Assembly Dead End Main	
SDW-139	Split Butt Strap	
SDW-141	Backflow Preventers Wet Utility Room Installation (2)	
SDW-143*	2" Blow-off Installation	Updated
SDW-144	4" & 6" Blow-off Installation Type A	
SDW-145	4" & 6" Blow-off Installation in Street Type B	
SDW-146	Blow-off Installation from End of Main & from Steel Main	
SDW-149*	2" Water Service Installation	Updated
SDW-150	1" Water Service Installation	
SDW-151	Concrete Thrust and Anchor Block Installations (3)	
SDW-152	Gate Well Identification	
SDW-153*	Gate Well Cap & Can Installation for Valves 4" and Larger (2)	Updated
SDW-154	Water Valve Bypass Details for Mainlines 16" and Larger	
SDW-155	Backflow Preventer for 3/4" to 2" Metered Service	
SDW-156	Backflow Preventer for 3" and Larger Metered Service	
SDW-157	Dual Above Ground Meter with Private Backflow (2)	
SDW-158	2" Manual Air Valve	
SDW-159*	1" or 2" Automatic Combination Air Release & Air/Vacuum Valve Installations	Updated
SDW-160*	4" & 6" Automatic Combination Air Release & Air/Vacuum Valve Installations	Updated
SDW-161	Pipe Support for Undercut Sewer Mains or Sewer Laterals	
SDW-162	Pipe Support for Undercut AC Water Main	
SDW-163**	Water Quality Sampling Station	New



SDW-170	2" Fire Hydrant Highlining Connection	
SDW-171	4" Fire Hydrant Highlining Connection	
SDW-172	Residential User Highlining Connection	
SDW-173	Highlining Crossing & Run at Driveways and Curbs	
SDW-174	Highlining Crossing & Run at Curb Ramps	
SDW-175	Butt Strap Connection between SCRW and WSP 20" o 54" Diameter Pipe (7)	
SDW-176	Wrapper Plate & Line Stop Outlet for 20" to 54" Diameter SCRW Pipe (8)	
SDW-177	Outlet and Collar Plate Detail for SCRW Pipe 20" to 54" Diameter (10)	
SDW-180**	Impressed Current Anode Wellhead	New
SDW-181**	Impressed Current Rectifier Enclosure and Components	New
SDW-182**	Impressed Current Wiring Schematic	New
SDW-183**	At-Grade Cathodic Protection Test Station with Galvanic Anodes Installation for Roadways (2)	New
WB-05	Temporary 2" Blow-Off Installation	2018 version from Regional Standard Drawings
WM-04	Protection Post Installation	2018 version from Regional Standard Drawings
WP-03	Cutting and Plugging Abandoned Water, Recycled Water and Sewer Mains	2018 version from Regional Standard Drawings
WP-05	Slope Protection Installations	2018 version from Regional Standard Drawings
WP-07	Cut-Off Wall Installation in Traveled Areas	2018 version from Regional Standard Drawings
WS-03	Meter Box Locations for Water and Recycled Water Appurtenances	2018 version from Regional Standard Drawings
WS-04	4" or 6" Fireline/Master Meter Installation (2)	2018 version from Regional Standard Drawings
WV-05	Steel Valve Stem Extension for Valves 2" and Smaller	2018 version from Regional Standard Drawings