

## MICROSTATION FIGURES

### DIVISION 2

#### Section 2010

- 2010.1 DETAILS OF EMBANKMENTS AND REBUILDING EMBANKMENTS
- 2010.2 DESIGNATION OF ROADWAY EARTHWORK ITEMS

### DIVISION 3

#### Section 3010

- 3010.101 TRENCH BEDDING AND BACKFILL ZONES
- 3010.102 RIGID GRAVITY PIPE TRENCH BEDDING (SHEET 1 OF 2)
- 3010.102 RIGID GRAVITY PIPE TRENCH BEDDING (SHEET 2 OF 2)
- 3010.103 FLEXIBLE GRAVITY PIPE TRENCH BEDDING
- 3010.104 PRESSURE PIPE TRENCH BEDDING
- 3010.105 MISCELLANEOUS PIPE BEDDING
- 3010.901 SEWER PIPE SUPPORT OVER EXISTING UTILITY
- 3010.902 REINFORCED PCC BEAM UTILITY LINE SUPPORT
- 3010.903 FLOWABLE MORTAR FILL UTILITY LINE SUPPORT

### DIVISION 4

#### Section 4010

- 4010.201 SANITARY SEWER SERVICE STUB (SHEET 1 OF 2)
- 4010.201 SANITARY SEWER SERVICE STUB (SHEET 2 OF 2)
- 4010.202 SEWAGE AIR RELEASE VALVE PIT
- 4010.203 SANITARY SEWER CLEANOUT
- 4010.901 RELOCATE SANITARY SEWER SERVICE IN CONFLICT WITH NEW SEWER

#### Section 4020

- 4020.211 SPECIAL PIPE CONNECTIONS FOR STORM SEWER

#### Section 4030

- 4030.211 RCP APRON SECTION FOOTING

#### Section 4040

- 4040.231 SUBDRAINS
- 4040.232 SUBDRAIN CLEANOUTS

4040.233 SIBDRAIN OUTLETS

## DIVISION 5

### Section 5010

- 5010.101 THRUST BLOCKS
- 5010.101 THRUST BLOCKS
- 5010.102 TRACER SYSTEM
- 5010.901 MINIMUM CLEARANCE BETWEEN WATER SERVICE AND STRUCTURE

### Section 5020

- 5020.201 FIRE HYDRANT ASSEMBLY

## DIVISION 6

### Section 6010

- 6010.301 CIRCULAR SANITARY SEWER MANHOLE
- 6010.302 RECTANGULAR SANITARY SEWER MANHOLE (SHEET 1 OF 2)
- 6010.302 RECTANGULAR SANITARY SEWER MANHOLE (SHEET 2 OF 2)
- 6010.303 SANITARY SEWER MANHOLE OVER EXISTING SEWER
- 6010.304 RECTANGULAR BASE/CIRCULAR TOP SANITARY SEWER MANHOLE (SHEET 1 OF 2)
- 6010.304 RECTANGULAR BASE/CIRCULAR TOP SANITARY SEWER MANHOLE (SHEET 2 OF 2)
- 6010.305 TEE-SECTION SANITARY SEWER MANHOLE (SHEET 1 OF 2)
- 6010.305 TEE-SECTION SANITARY SEWER MANHOLE (SHEET 2 OF 2)
- 6010.306 CHIMNEY SEALS FOR SANITARY SEWER MANHOLES
- 6010.307 DROP CONNECTION FOR SANITARY SEWER MANHOLE
- 6010.401 CIRCULAR STORM SEWER MANHOLE
- 6010.402 RECTANGULAR STORM SEWER MANHOLE (SHEET 1 OF 2)
- 6010.402 RECTANGULAR STORM SEWER MANHOLE (SHEET 2 OF 2)
- 6010.403 DEEP WELL RECTANGULAR STORM SEWER MANHOLE (SHEET 1 OF 2)
- 6010.403 DEEP WELL RECTANGULAR STORM SEWER MANHOLE (SHEET 2 OF 2)
- 6010.404 RECTANGULAR BASE/CIRCULAR TOP STORM SEWER MANHOLE (SHEET 1 OF 2)
- 6010.404 RECTANGULAR BASE/CIRCULAR TOP STORM SEWER MANHOLE (SHEET 2 OF 2)
- 6010.405 TEE-SECTION STORM SEWER MANHOLE (SHEET 1 OF 2)
- 6010.405 TEE-SECTION STORM SEWER MANHOLE (SHEET 2 OF 2)
- 6010.501 SINGLE GRATE INTAKE

- 6010.502 CIRCULAR SINGLE GRATE INTAKE
- 6010.503 SINGLE GRATE INTAKE WITH MANHOLE (SHEET 1 OF 2)
- 6010.503 SINGLE GRATE INTAKE WITH MANHOLE (SHEET 2 OF 2)
- 6010.504 SINGLE GRATE INTAKE WITH FLUSH-TOP MANHOLE (SHEET 1 OF 2)
- 6010.504 SINGLE GRATE INTAKE WITH FLUSH-TOP MANHOLE (SHEET 2 OF 2)
- 6010.505 DOUBLE GRATE INTAKE (SHEET 1 OF 2)
- 6010.505 DOUBLE GRATE INTAKE (SHEET 2 OF 2)
- 6010.506 DOUBLE GRATE INTAKE WITH MANHOLE (SHEET 1 OF 2)
- 6010.506 DOUBLE GRATE INTAKE WITH MANHOLE (SHEET 2 OF 2)
- 6010.507 SINGLE OPEN-THROAT CURB INTAKE, SMALL BOX (SHEET 1 OF 2)
- 6010.507 SINGLE OPEN-THROAT CURB INTAKE, SMALL BOX (SHEET 2 OF 2)
- 6010.508 SINGLE OPEN-THROAT CURB INTAKE, LARGE BOX (SHEET 1 OF 2)
- 6010.508 SINGLE OPEN-THROAT CURB INTAKE, LARGE BOX (SHEET 2 OF 2)
- 6010.509 DOUBLE OPEN-THROAT CURB INTAKE, SMALL BOX (SHEET 1 OF 2)
- 6010.509 DOUBLE OPEN-THROAT CURB INTAKE, SMALL BOX (SHEET 2 OF 2)
- 6010.510 DOUBLE OPEN-THROAT CURB INTAKE, LARGE BOX (SHEET 1 OF 2)
- 6010.510 DOUBLE OPEN-THROAT CURB INTAKE, LARGE BOX (SHEET 2 OF 2)
- 6010.511 RECTANGULAR AREA INTAKE
- 6010.512 CIRCULAR AREA INTAKE
- 6010.513 OPEN-SIDED AREA INTAKE
- 6010.514 BOXOUTS FOR GRATE INTAKES (SHEET 1 OF 3)
- 6010.514 BOXOUTS FOR GRATE INTAKES (SHEET 2 OF 3)
- 6010.514 BOXOUTS FOR GRATE INTAKES (SHEET 3 OF 3)
- 6010.601 CASTINGS FOR SANITARY SEWER MANHOLES
- 6010.602 CASTINGS FOR STORM SEWER MANHOLES (SHEET 1 OF 2)
- 6010.602 CASTINGS FOR STORM SEWER MANHOLES (SHEET 2 OF 2)
- 6010.603 CASTINGS FOR GRATE INTAKES
- 6010.604 CASTINGS FOR AREA INTAKES

## DIVISION 7

### Section 7010

- 7010.1A 26' B/B & 31' B/B PCC PAVEMENT 1/4 POINT JOINTING AND CROWN DETAIL (SHEET 1 OF 2)
- 7010.1A 26' B/B & 31' B/B PCC PAVEMENT 1/3 POINT JOINTING AND

- 7010.1B CROWN DETAIL (SHEET 2 OF 2)  
26' B/B & 31' B/B PCC PAVEMENT GUTTERLINE JOINTING AND CROWN DETAIL
- 7010.1C 49' B/B & 53' B/B P.C. CONCRETE PAVEMENT JOINTING & CROWN DETAIL
- 7010.1D 24' RURAL P.C. CONCRETE PAVEMENT JOINTING & CROWN DETAIL
- 7010.1E 48' RURAL P.C. CONCRETE PAVEMENT JOINTING & CROWN DETAIL
- 7010.1F REINFORCED PAVEMENT DETAIL 26' B/B STREET
- 7010.1G REINFORCED PAVEMENT DETAIL 31' B/B STREET
- 7010.2A TYPICAL JOINT LOCATIONS P.C. CONCRETE PAVEMENT
- 7010.2B JOINT LOCATIONS AROUND MANHOLES AND INTAKES
- 7010.3A PCC CUL-DE-SAC JOINT LOCATIONS 1/4 POINT JOINTING
- 7010.3B PCC CUL-DE-SAC JOINT LOCATIONS 1/3 POINT JOINTING
- 7010.3C PCC CUL-DE-SAC JOINT LOCATIONS GUTTERLINE JOINTING
- 7010.4A JOINTS (TRANSVERSE CONTRACTION) (SHEET 1 OF 2)
- 7010.4A JOINTS (TRANSVERSE CONTRACTION) (SHEET 2 OF 2)
- 7010.4B JOINTS (LONGITUDINAL CONTRACTION) (SHEET 1 OF 2)
- 7010.4B JOINTS (LONGITUDINAL CONTRACTION) (SHEET 2 OF 2)
- 7010.4C JOINTS (EXPANSION) (SHEET 1 OF 2)
- 7010.4C JOINTS (EXPANSION) (SHEET 2 OF 2)
- 7010.5 PCC PAVEMENT SECTION BETWEEN EXISTING CURB & GUTTER
- 7010.6 P.C. CONCRETE PAVED SHOULDER WITH SLOPED CURB
- 7010.7A PCC CURB DETAILS
- 7010.7B PRECAST P.C. CONCRETE CURB
- 7010.8A P.C. CONCRETE BASE PAVEMENT WIDENING
- 7010.8B P.C. CONCRETE BASE PAVEMENT WIDENING - RURAL
- 7010.9A TRAFFIC ISLAND DETAILS
- 7010.9B TRAFFIC ISLANDS - TYPE 'A' & 'B'
- 7010.9C TRAFFIC ISLANDS - TYPE 'C' & 'D'
- 7010.10 PCC RAILROAD CROSSING APPROACH

## **Section 7020**

- 7020.1 TYPICAL HMA PAVEMENT SECTIONS
- 7020.2A 26' B/B & 31' B/B HMA PAVEMENT
- 7020.2B 49' B/B & 53' B/B HMA PAVEMENT
- 7020.3 MANHOLE & GRATE INTAKE BOXOUTS IN HMA PAVEMENT
- 7020.4 END RETURNS - HMA PAVEMENT
- 7020.5 DETAILS FOR HMA RESURFACING (SHEET 1 OF 2)
- 7020.5 DETAILS FOR HMA RESURFACING (SHEET 2 OF 2)
- 7020.6 HMA BASE WIDENING
- 7020.7 HMA RAILROAD CROSSING APPROACH

### **Section 7030**

- 7030.101 CONCRETE DRIVEWAY, TYPE A
- 7030.102 CONCRETE DRIVEWAY, TYPE B
- 7030.201 CLASSES OF SIDEWALKS
- 7030.202 CURB DETAILS FOR CLASS A SIDEWALK
- 7030.203 BRICK SIDEWALK
- 7030.204 GENERAL CURB RAMP DETAILS
- 7030.205 CURB RAMPS OUTSIDE OF INTERSECTION RADIUS
- 7030.206 CURB RAMPS WITHIN INTERSECTION RADIUS FOR CLASS A SIDEWALK
- 7030.207 CURB RAMPS WITHIN INTERSECTION RADIUS FOR CLASS B OR C SIDEWALK
- 7030.207 CURB RAMPS WITHIN INTERSECTION RADIUS FOR CLASS B OR C SIDEWALK

### **Section 7040**

- 7040.1 FULL DEPTH P.C.C. PATCHING
- 7040.2 FULL DEPTH PATCH DETAILS WITH REINFORCING STEEL
- 7040.3 ASPHALTIC CONCRETE FULL DEPTH PATCH DETAILS
- 7040.4 STREET EXCAVATION AND OTHER PAVEMENT RESTORATION
- 7040.5 PARTIAL DEPTH PATCH
- 7040.6 P.C. CONCRETE JOINT STITCHING
- 7040.7 FLOWABLE MORTAR CUTOFFWALL
- 7040.8 PARTIAL DEPTH CURB REPLACEMENT PARTIAL DEPTH PATCH

## **DIVISION 8**

### **Section 8010**

- 8010.1 CONTROLLER CABINET FOOTING
- 8010.2 CONTROLLER CABINET FOOTING (TYPE 170 CONTROLLER)
- 8010.3 CONDUIT IN TRENCH
- 8010.4 DETECTOR CONDUIT ENTRY
- 8010.5 TYPICAL SQUARE LOOP DETECTOR
- 8010.6 RIGHT TURN DETECTOR DETAIL
- 8010.7 MAST ARM POLE FOOTING
- 8010.8 MAST ARM SIGNAL BRACKET
- 8010.9 SIGNAL HEAD OVERHEAD MOUNTING
- 8010.10 MAST ARM SIGN BRACKET
- 8010.11 PEDESTAL POLE FOOTING
- 8010.12 PEDESTAL POLE
- 8010.13 POLE MOUNTED CONTROLLER CABINET
- 8010.14 PRE-CAST CONCRETE HANDHOLE
- 8010.15 UNDERGROUND SECONDARY SERVICE
- 8010.16 SECONDARY SERVICE

- 8010.17 STEEL MAST ARM POLE
- 8010.18 WOOD POST SPAN ASSEMBLY
- 8010.19 MODIFIED DIAMOND DETECTOR LOOP
- 8010.20 MAST ARM POLE LOADING

## **DIVISION 9**

### **Section 9030**

- 9030.1 PLANTING PIT DETAILS
- 9030.2 PLANTING ON SLOPES
- 9030.3 TREE STAKING AND WRAPPING DECIDUOUS AND CONIFEROUS
- 9030.4 TREE GUYING AND ANCHOR
- 9030.5 SIDEWALK TREE WELL
- 9030.6 PLANTING WELL BLIND DRAIN DETAIL

### **Section 9040**

- 9040.1 COMPOST BLANKET
- 9040.2 FILTER BERM & FILTER SOCK
- 9040.3 ROLLED EROSION CONTROL PRODUCT (RECP) INSTALLATION ON SLOPES
- 9040.4 ROLLED EROSION CONTROL PRODUCT (RECP) INSTALLATION IN CHANNEL
- 9040.5 WATTLE
- 9040.6 CHECK DAM SPACING
- 9040.7 ROCK CHECK DAM
- 9040.8 TEMPORARY EARTH DIVERSION STRUCTURES
- 9040.9 LEVEL SPREADER
- 9040.10 ROCK APRON FOR PIPE OUTLET ONTO FLAT GROUND
- 9040.11 ROCK APRON FOR PIPE OUTLET INTO CHANNEL
- 9040.12 TEMPORARY PIPE SLOPE DRAIN
- 9040.13 SEDIMENT BASIN WITHOUT EMERGENCY SPILLWAY
- 9040.14 SEDIMENT BASIN WITH EMERGENCY SPILLWAY
- 9040.15 SEDIMENT BASIN DEWATERING DEVICE (PERFORATED RISER)
- 9040.16 ANTI-VORTEX DEVICE (SHEET 1 OF 2)
- 9040.16 ANTI-VORTEX DEVICE (SHEET 2 OF 2)
- 9040.17 ANTI-SEEP COLLAR
- 9040.18 SEDIMENT TRAP
- 9040.19 SILT FENCE (SHEET 1 OF 2)
- 9040.19 SILT FENCE (SHEET 2 OF 2)
- 9040.20 STABILIZED CONSTRUCTION ENTRANCE

### **Section 9050**

- 9050.1 GABION WALL DETAILS

**Section 9060**

- 9060.1 CHAIN LINK FENCE INSTALLATION DETAILS
- 9060.2 CHAIN LINK FENCE DETAILS
- 9060.3 CHAIN LINK GATE DETAILS

**Section 9070**

- 9070.1 DRY WALLS
- 9070.2 TREE DRY WELLS
- 9070.3 RETAINING WALLS ADJACENT TO DRIVEWAYS
- 9070.4 RAILROAD TIE WALLS & LANDSCAPE TIMBER WALLS
- 9070.5 MODULAR BLOCK MASONRY WALL
- 9070.6 COMBINED RETAINING WALL - SIDEWALK (SHEET 1 OF 2)
- 9070.6 COMBINED RETAINING WALL - SIDEWALK (SHEET 2 OF 2)

**Section 9080**

- 9080.1 TYPE "A" CONCRETE STEPS WITH HANDRAIL
- 9080.2 TYPE "B" CONCRETE STEPS WITH HANDRAIL

**DIVISION 10**

- 10000.1 UTILITY SERVICE LOCATIONS; SANITARY SEWER OUTSIDE OF STREET PAVING
- 10000.2 UTILITY SERVICE LOCATIONS; SANITARY SEWER IN THE CENTER OF THE STREET

**DIVISION 11**

- 1110.1-1 DETAILS FOR PLUGGING WATER WELLS
- 1110.1-2 DETAILS FOR PLUGGING WATER WELLS