

**1996 Insertable Sheet List
For Use With The 1996 Metric Road and Bridge Standards
August 2007**

The following is a complete list of special design **Metric** insertable sheets that will be used with the 1996 Road and Bridge Standards. These sheets have been loaded on Falcon DMS for VDOT personnel and on the FTP server for the consultant community.

| | | | |
|-------------------------|-----------------|----------|---------------|
| Falcon Location: | <u>Imperial</u> | | <u>Metric</u> |
| PPMS# | eng-ser | PPMS# | eng-ser |
| Division | insert | Division | minsert |

FTP Location: Imperial path download/insertable-sheets/imperial-inserts
Metric path download/insertable-sheets/metric-sheets

The information below shows the file name as it is on the system, the title of the Insertable Sheet, the description of the 9-06 changes, the applicable Standard, and the date the file was revised by Engineering Services. The new/revised sheets and descriptions of the 8-07 changes are in bold. **Note that the new/revised Insertable Sheets will be applicable to projects going to Advertisement in March 2008.**

If you need the Portable Impact Attenuator Insertable Sheets, MSD799, MSD819, and/or MSD1660, please contact Chuck Patterson of Engineering Services at (804) 786-1805.

| <u>NUMBER</u> | <u>TITLE (INCL. DESCRIPT. OF 8-07 CHANGES)</u> | <u>STD</u> | <u>DATE</u> |
|-----------------|--|-------------|------------------|
| ma2.dgn | HYDROLOGIC DATA SHEET | N/A | Rev. 9-87 |
| ma4.dgn | ROADSIDE DEVELOPMENT | N/A | Rev. 7-03 |
| ma5.dgn | EROSION CONTROL SUMMARY | N/A | Rev. 7-02 |
| ma6.dgn | TEMPORARY SEDIMENT TRAP DETAIL SHEET | N/A | New 2-01 |
| ma9.dgn | PRELIMINARY RIGHT OF WAY DATA SHEET | N/A | Rev. 6-97 |
| ma14.dgn | REVISION DATA SHEET | N/A | Rev. 9-23-93 |
| ma20.dgn | STANDARD MANHOLE FRAME AND COVER | MH-1 | New 7-02 |
| ma36.dgn | RADIAL OFFSET / REVERSE CURVE DATA | N/A | Rev. 9-23-93 |
| ma41.dgn | UNDERGROUND UTILITY TEST HOLE INFORMATION | N/A | Rev. 1-95 |
| ma45.dgn | TEMPORARY DIVERSION CHANNEL & ACCEPTABLE LININGS | TD-CL | New 8-00 |
| ma47.dgn | W-BEAM GUARDRAIL INSTALLATION CRITERIA | GR-FOA-3 | Rev. 7-98 |
| ma55.dgn | STANDARD SIDEWALK UNDERDRAIN Revised notes to allow the use of crushed glass in place of aggregate. | UD-3 | Rev. 8-07 |
| ma57.dgn | STANDARD ENDWALL FOR PIPE UNDERDRAIN | EW-12 | Rev. 7-04 |
| ma59.dgn | CG-12 DETECTABLE WARNING SURFACE (ACCESS FOR MOBILITY IMPAIRMENTS) | CG-12 | Rev. 7-05 |

| <u>NUMBER</u> | <u>TITLE (INCL. DESCRIPT. OF 8-07 CHANGES)</u> | <u>STD</u> | <u>DATE</u> |
|-------------------|---|----------------------|------------------|
| ma62.dgn | TYPICAL CONCRETE SAFETY SLAB | SL-1 | Rev. 7-05 |
| ma65_1.dgn | W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT | GR-FOA-1 | Rev. 9-06 |
| ma65_2.dgn | W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT | GR-FOA-1 | Rev. 9-06 |
| ma66_1.dgn | W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT | GR-FOA-2 | Rev. 9-06 |
| ma66_2.dgn | W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT | GR-FOA-2 | Rev. 9-06 |
| ma67.dgn | BLOCKED-OUT W-BEAM MEDIAN BARRIER-FIXED OBJECT ATTACHMENT | GR-FOA-4 | Rev. 9-06 |
| ma68.dgn | STANDARD HAND RAIL | HR-1 | Rev. 7-04 |
| ma69.dgn | STONE FOR EROSION CONTROL, PROTECTIVE COVERING INSTALLATION CRITERIA Revised description of EC-1 to match old pay item codes. | EC-1,EC-2 | Rev. 8-07 |
| ma70_1.dgn | SOIL STABILIZATION MAT DITCH INSTALLATION TYPE A OR B Revised description of EC-3 to match old pay item codes. | EC-3 | Rev. 8-07 |
| ma70_2.dgn | SOIL STABILIZATION MAT DITCH INSTALLATION TYPE A OR B Revised description of EC-3 to match old pay item codes. | EC-3 | Rev. 8-07 |
| ma71.dgn | GRADING DIAGRAM AND SUMMARY | N/A | Rev. 5-99 |
| ma73.dgn | TYPICAL METHOD OF INSTALLATION FOR PIPE ON FILL SLOPE | N/A | Rev. 12-93 |
| ma75.dgn | TYPICAL PAVEMENT MARKINGS FOR BICYCLE LANE | PM-6 | Rev 2-01 |
| ma76.dgn | STANDARD ENTRANCE GUTTER WITH FLARED OPENING FOR USE ACROSS SIDEWALK | CG-9A | Rev. 2-06 |
| ma77.dgn | METHOD OF TREATMENT-CONNECTION FOR STREET INTERSECTIONS AND COMMERCIAL ENTRANCES | CG-11 | Rev. 2-01 |
| ma78.dgn | STANDARD ENTRANCE GUTTER | CG-9D | Rev. 2-06 |
| ma80.dgn | STANDARD GROUNDWATER UNDERDRAIN; UNDERDRAIN STANDARD FOR USE WITH RAISED GRASS MEDIAN Revised notes to allow the use of crushed glass in place of aggregate. | UD-1 UD-2 | Rev. 8-07 |
| ma81.dgn | STANDARD PAVEMENT EDGEDRAIN Revised notes to allow the use of crushed glass in place of aggregate. | UD-4 | Rev. 8-07 |
| ma82.dgn | PREFABRICATED GEOCOMPOSITE RETROFIT PAVEMENT EDGEDRAIN Revised notes to allow the use of crushed glass in place of aggregate. | UD-5 | Rev. 8-07 |

| <u>NUMBER</u> | <u>TITLE (INCL. DESCRIPT. OF 8-07 CHANGES)</u> | <u>STD</u> | <u>DATE</u> |
|---------------|--|--------------------|-------------|
| ma83.dgn | STANDARD RETROFIT EDGEDRAIN Revised notes to allow the use of crushed glass in place of aggregate. | UD-7 | Rev. 8-07 |
| ma84.dgn | STANDARD COMBINATION UNDERDRAIN; (AT LOWER END OF CUTS AND AT GRADE SAGS AND BRIDGE APPROACHES) Revised notes to allow the use of crushed glass in place of aggregate. | CD-1, CD-2 | Rev. 8-07 |
| ma86.dgn | PIPE BEDDING AND BACKFILL Revised notes to allow the use of crushed glass in place of aggregate. | PB-1 | Rev. 8-07 |
| ma87.dgn | STANDARD BLOCKED-OUT W-BEAM GUARDRAIL (STRONG POST) POST AND BLOCKOUT DETAILS | GR-2,2A | Rev. 9-06 |
| ma88.dgn | GUARDRAIL AT LOW-FILL CULVERTS | GR-10 | Rev. 9-06 |
| ma89.dgn | BRAKEAWAY CABLE TERMINAL 4' FLARE | GR-7 | Rev. 9-06 |
| ma91.dgn | STANDARD W-BEAM GUARDRAIL (WEAK POST SYSTEM) | GR-8,8A,8B, 8C | Rev. 1-04 |
| ma92.dgn | W-BEAM GUARDRAIL INSTALLATION CRITERIA | GR-INS | Rev. 9-06 |
| ma93.dgn | W-BEAM GUARDRAIL AND MEDIAN BARRIER INSTALLATION CRITERIA | GR-INS | Rev. 9-06 |
| ma94.dgn | BLOCKED-OUT W-BEAM BARRIER | MB-3 | Rev. 9-06 |
| ma95.dgn | STANDARD W-BEAM MEDIAN BARRIER (WEAK POST SYSTEM) | MB-5 | Rev. 7-05 |
| ma96.dgn | CONCRETE MEDIAN BARRIER (TALL WALL) Revised notes to allow the use of crushed glass in place of aggregate. | MB-12A,12B, 12C | Rev. 8-07 |
| ma98.dgn | CONCRETE MEDIAN BARRIER Revised notes to allow the use of crushed glass in place of aggregate. | MB-7D,E,F MB-8A | Rev. 8-07 |
| ma103.dgn | PRECAST TRAFFIC BARRIER SERVICE CONCRETE WITH POSITIVE CONNECTION | MB-7D PC | Rev. 7-05 |
| ma104.dgn | CONCRETE MEDIAN BARRIER (TALL WALL) TYPE I,II,OR III | MB-13 | Rev. 1-04 |
| ma105_1.dgn | PRECAST CONCRETE MEDIAN BARRIER POSITIVE CONNECTION OPTIONS | MB-INS | Rev. 7-05 |
| ma105_02.dgn | PRECAST CONCRETE MEDIAN BARRIER POSITIVE CONNECTION OPTIONS | MB-INS | New 7-05 |
| ma106.dgn | WETLAND COMPENSATION PLANT LIST, SUMMARY AND NOTES | N/A | Rev. 10-99 |

| <u>NUMBER</u> | <u>TITLE (INCL. DESCRIPT. OF 8-07 CHANGES)</u> | <u>STD</u> | <u>DATE</u> |
|------------------|---|----------------------------------|------------------|
| ma108.dgn | COMMERCIAL ENTRANCE | CG-13 | Rev. 2-06 |
| ma111.dgn | STANDARD PRECAST BASE UNITS | B-3 | Rev. 6-97 |
| ma112.dgn | CORRUGATED METAL TEE SECTION | B-4 | Rev. 6-97 |
| ma116.dgn | STRUCTURAL PLATE STEEL PIPE ARCH HEIGHT OF COVER TABLE FOR H-18 LIVE LOAD | PC-1 | Rev. 1-97 |
| ma120.dgn | PIPE ARCH AND BOX CULVERT BEDDING Revised notes to allow the use of crushed glass in place of aggregate. | PB-1 | Rev. 8-07 |
| ma121.dgn | CONCRETE PIPE CLASS TABLE FOR H-18 LIVE LOAD | PC-1 | New 2-01 |
| ma124.dgn | DETAILS FOR CALCULATING NUMBER AND SIZE OF WOOD POSTS FOR CONSTRUCTION SIGN INSTALLATIONS LEVEL GROUND | CSI-1 | Rev. 12-97 |
| ma125.dgn | DETAILS FOR CALCULATING NUMBER AND SIZE OF WOOD POSTS FOR CONSTRUCTION SIGN INSTALLATIONS 1 1/2:1 SLOPE | CSI-1 | Rev. 12-97 |
| ma126.dgn | DETAILS FOR CALCULATING NUMBER AND SIZE OF WOOD POSTS FOR CONSTRUCTION SIGN INSTALLATIONS 2:1 SLOPE | CSI-1 | Rev. 12-97 |
| ma127.dgn | JUNCTION BOX Revised notes to allow the use of crushed glass in place of aggregate. | JB-1A, 2A, 3A, 4A, 5A | Rev. 8-07 |
| ma128.dgn | LIGHTING POLE FOUNDATION INSTALLATION DETAILS; SIGNAL POLE FOUNDATION INSTALLATION DETAILS | LF-1, PF-1 | Rev. 9-06 |
| ma129.dgn | TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES | OSS-1 | New 8-97 |
| ma130.dgn | FLARED END-SECTION FOR METAL PIPE-ARCHES 340 mm - 1200 mm RISE; 575 mm X 365 mm – 1345 mm X 855 mm ELLIPTICAL CONCRETE PIPE | ES-3,ES-1A | Rev. 7-01 |
| ma131.dgn | 200 mm THICK CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (STEEL BAR REINFORCEMENT) | PR-3 | New 8-97 |
| ma132.dgn | TERMINAL TREATMENT FOR W BEAM GUARDRAIL | GR-6 | Rev. 2-06 |
| ma133.dgn | CABLE GUARDRAIL | GR-3 | Rev. 7-04 |
| ma135.dgn | STANDARD PRECAST TOP UNITS | T-DI-5 | New 2-01 |
| ma136.dgn | SITE PREPARATION FOR GR-7 AND GR-9 | GR-SP | Rev. 2-06 |
| ma137.dgn | PLANTING DETAILS | L-5 | New 2-01 |
| ma138.dgn | STANDARD BOX CULVERT GUARDRAIL (TEXAS T-6) | BGR-01 | New 2-01 |

| <u>NUMBER</u> | <u>TITLE (INCL. DESCRIPT. OF 8-07 CHANGES)</u> | <u>STD</u> | <u>DATE</u> |
|------------------|---|-----------------------------|------------------|
| ma140.dgn | JUNCTION BOX Revised notes to allow the use of crushed glass in place of aggregate. | JB-1B,2B,3B, 4B,5B | Rev. 8-07 |
| ma141.dgn | JUNCTION BOX Revised notes to allow the use of crushed glass in place of aggregate. | JB-1C,2C,3C, 4C,5C | Rev. 8-07 |
| ma142.dgn | FLARED END-SECTION FOR CONCRETE PIPE CULVERTS; 300 mm – 1500 mm METAL PIPE CULVERTS | ES-1, ES-2 | New 7-01 |
| ma143.dgn | STANDARD SPRING BOX PRECAST SPRING BOX | SB-1 SB-1 PC | Rev. 3-03 |
| ma144.dgn | STANDARD CONCRETE STEPS FOR 1½:1 SLOPE STANDARD CONCRETE STEPS FOR 2:1 SLOPE | S-1 S-2 | New 7-02 |
| ma145.dgn | TRAILING END TERMINAL TREATMENT | GR-11 | Rev. 7-05 |
| ma146.dgn | W BEAM GUARDRAIL INSTALLATION CRITERIA | GR-INS | Rev. 3-03 |
| ma147.dgn | W-BBEAM GUARDRAIL INSTALLATION CRITERIA FIXED OBJECT ATTACHMENT METHOD FOR CONSTRUCTION ZONES | FOA-CZ | New 3-03 |
| ma148.dgn | STANDARD PRECAST TOP UNITS | TDI-2 TDI-3 | New 3-03 |
| ma149.dgn | STANDARD MAILBOX | RFD-1 | Rev. 7-04 |
| ma150.dgn | PLAIN AND REINFORCED CONCRETE PAVEMENT SHOWING REINFORCEMENT, LONGITUDINAL AND TRANSVERSE JOINTS | PR-2 | New. 7-03 |
| ma151.dgn | PIPE BEDDING AND BACKFILL | PB-1 | New 1-04 |
| ma152.dgn | STANDARD FENCE AND GROUNDING | FE-CL | Rev. 7-04 |
| ma153.dgn | STANDARD CURB DROP INLET | DI-2A, B, C DI -2D, E, F | New 1-04 |
| ma154.dgn | TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES | OSS-1 | Rev. 2-06 |
| ma155.dgn | TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES Deleted note for alternate sign panel design. | OSS-1 | Rev. 8-07 |
| ma156.dgn | TYPICAL DETAILS FOR SIGN STRUCTURES | SSP-VA SSP-VIA | Rev. 7-05 |
| ma157.dgn | TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES AND SIGN PANEL DESIGN | OSS-1 SPD-1 | Rev. 2-06 |

| <u>NUMBER</u> | <u>TITLE (INCL. DESCRIPT. OF 8-07 CHANGES)</u> | <u>STD</u> | <u>DATE</u> |
|------------------|--|----------------------------|------------------|
| ma158.dgn | 15" PIPE TEE SECTION DROP INLET | DI-9 | New 7-04 |
| ma159.dgn | STANDARD SOLID CONCRETE RAISED MEDIAN STRIP | MS-1 MS-1A | Rev. 9-06 |
| ma160.dgn | STANDARD FENCE WOVEN WIRE FABRIC STANDARD FENCE BARBED WIRE | FE-W1,W2 FE-B | New 7-04 |
| ma161.dgn | CONCRETE GRAVITY RETAINING WALLS Revised note to allow the use of crushed glass in place of aggregate. | RW-2 RW-3 | Rev. 8-07 |
| ma162.dgn | SANITARY SEWER MANHOLE WATER AND SANITARY SEWER FACILITIES | SMH-1 | New 7-05 |
| ma163.dgn | MULTIGRATE DROP INLET Dump No Waste Drains to Waterways lettering added to DI-12 grate and revised notes to allow the use of crushed glass in place of aggregate. | DI-12, 12A | Rev. 8-07 |
| ma164.dgn | MULTIGRATE DROP INLET Dump No Waste Drains to Waterways lettering added to DI-12 grate and revised notes to allow the se of crushed glass in place of aggregate. | DI-12B, 12C | Rev. 8-07 |
| ma165.dgn | SHOULDER SLOT INLET Modified distance between inlet and bridge terminal wall and require CG-3 between inlet and bridge terminal wall. | DI-13 | Rev. 8-07 |
| ma166_1.dgn | ALLOWABLE PIPE CRITERIA | PC-1 | New 7-05 |
| ma166_2.dgn | ALLOWABLE PIPE CRITERIA | PC-1 | New 7-05 |
| ma166_3.dgn | ALLOWABLE PIPE CRITERIA | PC-1 | New 7-05 |
| ma166_4.dgn | ALLOWABLE PIPE CRITERIA | PC-1 | New 7-05 |
| ma166_5.dgn | ALLOWABLE PIPE CRITERIA | PC-1 | New 7-05 |
| ma166_6.dgn | ALLOWABLE PIPE CRITERIA | PC-1 | New 7-05 |
| ma166_7.dgn | ALLOWABLE PIPE CRITERIA | PC-1 | New 7-05 |
| ma166_8.dgn | ALLOWABLE PIPE CRITERIA | PC-1 | Rev. 9-06 |
| ma166_9.dgn | ALLOWABLE PIPE CRITERIA | PC-1 | Rev. 9-06 |
| ma167.dgn | TYPICAL BRIDGE PARAPET SIGN SIGNAL POLE FOUNDATION | BSS-1 PF-1 | Rev. 2-06 |
| ma168.dgn | TYPICAL PAVEMENT MARKINGS FOR BICYCLE LANE | PM-6 | Rev. 2-06 |
| ma169.dgn | PEDESTRIAN SIGNAL INDICATION DETAILS | S-5,6,7,8,9 | New 7-05 |

| <u>NUMBER</u> | <u>TITLE (INCL. DESCRIPT. OF 8-07 CHANGES)</u> | <u>STD</u> | <u>DATE</u> |
|---------------------|--|-----------------------------|------------------|
| ma170.dgn | CONCRETE MEDIAN BARRIER DROP INLET | DI-14 | New 2-06 |
| ma171.dgn | STORAGE FACILITY FOR NUCLEAR GAUGE | NG-1 | New 2-06 |
| ma178.dgn | TYPICAL PAVEMENT MARKING DETAILS | PM-1 PM-2 | New 2-06 |
| ma179.dgn | STANDARD 6" CURB COMBINATION 6" CURB AND GUTTER | CG-2 CG-6 | New 9-06 |
| ma180.dgn | STANDARD 4" CURB COMBINATION 4" CURB AND GUTTER | CG-3 CG-7 | New 9-06 |
| ma181.dgn | ASPHALT CONCRETE CURB AND MEDIAN | MC-3, 3A | New 9-06 |
| ma182.dgn | CONCRETE MEDIAN CURB | MC-1 | New 9-06 |
| ma183.dgn | STANDARD RAISED GRASS MEDIAN STRIP STD. RAISED ASPHALT MEDIAN WITH CONCRETE CURB | MS-2 MS-4 | New 9-06 |
| ma186.dgn | DRAINAGE STRUCTURE BEDDING | DSB-1 | New 9-06 |
| ma187.dgn | PAVEMENT WIDENING Revised notes to require the overlay of existing pavement to be a minimum of the adjacent travel lane. | WP-2 | Rev. 8-07 |
| ma188.dgn | CENTERLINE RUMBLE STRIPS Revised radius of rumble strip to 312.5 mm. | RS-3 | New 8-07 |
| ma189.dgn | TRANSVERSE PAVEMENT TIE-IN | TPT-1 | New 9-06 |
| ma190.dgn | STANDARD DROP INLET Dump No Waste Drains to Waterways lettering added to DI-1 grate. | DI-1 DI-1A | New 8-07 |
| ma191.dgn | STANDARD CURB DROP INLET Dump No Waste Drains to Waterways lettering added to DI-2 grate. | DI-2 | New 8-07 |
| ma192_1.dgn | STANDARD INLET FRAME AND COVER Dump No Waste Drains to Waterways lettering added to IC-2 cover. | IC-2 | New 8-07 |
| ma192_2,.dgn | PRECAST INLET FRAME AND COVER Dump No Waste Drains to Waterways lettering added to IC-2 cover. | IC-2 | New 8-07 |
| ma193.dgn | 8" CONTINUOUSLY REINFORCED CONC. PAVEMENT 9" CONTINUOUSLY REINFORCED CONC. PAVEMENT Revised Anchor Slab Type I, Section A-A to include missing rebar across construction joint. | PR-3 PR-4 | New 8-07 |
| ma194.dgn | PIPE ENDWALL WITH LOAD-CARRYING GRATE Revised notes to allow the use of crushed glass in place of aggregate. | EW-11 | New 8-07 |

| <u>NUMBER</u> | <u>TITLE (INCL. DESCRIPT. OF 8-07 CHANGES)</u> | <u>STD</u> | <u>DATE</u> |
|----------------------|--|-------------------|--------------------|
| ma195.dgn | CONNECTION FOR STREET INTERSECTIONS AND COMMERCIAL ENTRANCES Revised sheet to clarify differences between street connections and commercial entrances. | CG-11 | New 8-07 |
| ma196.dgn | MORTAR RUBBLE RETAINING WALL Revised notes to allow the use of crushed glass in place of aggregate. | RW-1A RW-2B | New 8-07 |
| ma197.dgn | JUNCTION BOX Revised notes to allow the use of crushed glass in place of aggregate. | JB-1D | New 8-07 |
| ma198.dgn | UTILITY BEDDING AND PROTECTION WATER AND SANITARY SEWER FACILITIES Revised notes to allow the use of crushed glass in place of aggregate. | UB-1 | New 8-07 |
| ma199.dgn | LEAK DETECTOR Revised notes to allow the use of crushed glass in place of aggregate. | LD-1 | New 8-07 |
| ma200.dgn | BLOW-OFF VALVE AND BOX WATER AND SANITARY SEWER FACILITIES Revised notes to allow the use of crushed glass in place of aggregate. | BOV-1 | New 8-07 |
| msd414_1.dgn | EROSION CONTROL | EC-4 EC-5 | Rev. 9-06 |
| msd414_2.dgn | EROSION CONTROL | ESC-INS | Rev. 3-03 |
| msd414_3.dgn | EROSION CONTROL | ESC-INS | New 2-01 |
| msd414_4.dgn | TEMPORARY EROSION & SILTATION CONTROL | ESC-INS | Rev. 3-03 |
| msd564a.dgn | DITCH FLUME CONNECTOR | PG-7 | New 7-02 |
| msd570.dgn | STANDARD PAVED DITCHES | PG-2A PG-3 | Rev. 7-03 |
| msd1165a.dgn | TRAFFIC BARRIER SERVICE CONCRETE PARAPET (DOUBLE FACED FOR TEMPORARY INSTALLATION ON BRIDGE DECK EXTERIOR) | MB-11A | Rev. 9-06 |
| msd1165b.dgn | TRAFFIC BARRIER SERVICE CONCRETE PARAPET (DOUBLE FACED FOR TEMPORARY INSTALLATION ON ROADWAY) | MB-11A | New 9-06 |
| msd1276a.dgn | TRAFFIC BARRIER SERVICE SINGLE FACE PARAPET (FOR SINGLE FACE TEMPORAY INSTALLATION ON BRIDGE DECK EXTERIOR) | MB-10A | Rev. 7-02 |
| msd1482.dgn | SPECIAL DESIGN SLOPE DRAIN | N/A | Rev. 12-99 |

| <u>NUMBER</u> | <u>TITLE (INCL. DESCRIPT. OF 8-07 CHANGES)</u> | <u>STD</u> | <u>DATE</u> |
|----------------------|---|-------------------|--------------------|
| msd1588.dgn | LOW FLOW DIVERSION FOR MULTIPLE LINE CULVERT INSTALLATIONS | N/A | Rev. 9-94 |
| msd1676a.dgn | CONCRETE MEDIAN BARRIER 3.65 m TERMINAL SECTION | MB-9A | Rev. 8-97 |
| msd1722a.dgn | RUMBLE STRIPS Clarified title of RS-1 and revised the radius of rumble strip to 12.5". | RS-1 | Rev. 8-07 |
| msd1821.dgn | DETAILS FOR BACKFILLING ABANDONED CULVERTS | PP-1 | Rev. 7-97 |
| msd1954a.dgn | CONCRETE MEDIAN BARRIER TYPE I, II, III 810 mm FOR GRADE DIFFERENCE | MB-8A | Rev. 7-05 |
| msd2045.dgn | SPECIAL DESIGN CONCRETE SLAB END TREATMENT | N/A | Rev. 10-10-97 |
| msd2063.dgn | BUTTING TRAFFIC BARRIER SERVICE TO SINGLE FACE PARAPET SERVICE | MB-INS | Rev. 7-02 |
| msd2154a.dgn | ASPHALT CURB AND GUTTER, ASPHALT PAVING UNDER GUARDRAIL | MC-4 | Rev. 2-01 |
| msd2209.dgn | STORMWATER MANAGEMENT | SWM-DR | Rev. 3/03 |
| msd2216.dgn | STORMWATER MANAGEMENT (SWM) DETAILS | SWM-1 | Rev. 3/03 |
| msd2216A.dgn | STORMWATER MANAGEMENT (SWM) DETAILS | SWM-DR | Rev. 3/03 |
| msd2390.dgn | ALTERNATE BREAKAWAY CABLE TERMINAL NO FLARE | GR-9 | Rev. 9-06 |
| msd2623.dgn | CONTINUOUSLY REINFORCED CONCRETE PAVEMENT | PR-6 | Rev. 1-04 |
| msd2724.dgn | CONTINUOUSLY REINFORCED CONCRETE PAVEMENT | PR-5 | Rev. 1-04 |
| msd2761.dgn | CONTINUOUSLY REINFORCED CONCRETE PAVEMENT | PR-7 | Rev. 1-04 |
| msd2861.dgn | CONTINUOUSLY REINFORCED CONCRETE PAVEMENT | PR-8 | Rev. 1-04 |
| msd2862.dgn | CONTINUOUSLY REINFORCED CONCRETE PAVEMENT | PR-9 | Rev. 1-04 |
| msd2944.dgn | SINK HOLE DETAILS | N/A | New 11-02 |
| msd2945.dgn | MODIFIED PG-2A AND MODIFIED PG-5 | N/A | New 11-02 |
| msd86.dgn | 86 CADD LEVEL STRUCTURE SHEET | N/A | New 1-96 |
| msd95.dgn | 95 CADD LEVEL STRUCTURE SHEET | N/A | Rev 7-04 |
| minsertr | Current Insertable Sheet List | | Rev. 9-06 |