

**2001 Insertable Sheet List  
For Use With The 2001 Imperial Road and Bridge Standards  
January 9, 2004**

The following is a complete list of special design **IMPERIAL** insertable sheets that will be used with the 2001 Road and Bridge Standards. These sheets have been loaded on Falcon DMS for VDOT personnel and on the FTP server for the consultant community.

<b>Falcon Location:</b>	<u>Imperial</u>		<u>Metric</u>
PPMS#	eng-ser	PPMS#	eng-ser
Division	insert	Division	minsert
Subdirectory	effective june 9 2004	Subdirectory	eff june 9 2004

**FTP Location:** Imperial path download/insertable-sheets/imperial-inserts/eff june 9 2004  
Metric path download/insertable-sheets/metric-sheets/eff june 9 2004

**Note:** Until the effective date the file names will be proceeded by the effective date. (ie 6-04ma120, 6-04a120)

After the effective date, the complete list under the Division of **insert** will be updated with the complete insertable list and files and the effective june 9 2004 subdirectory will be removed. The current list will remain under the Division of **insert**.

The information below shows the file name as it is on the system, the title of the Insertable Sheet, the description of the 1-04 changes, the applicable Standard, and the date the file was revised by Engineering Services. The new/revised sheets and descriptions of the 1-04 changes are in bold. **Note that the new/revised Insertable Sheets will be applicable to projects going to Advertisement after June 9, 2004**

<u>NUMBER</u>	<u>TITLE (INCL. DESCRIPT. OF 11-02 CHANGES)</u>	<u>STD</u>	<u>DATE</u>
a2.dgn	HYDROLOGIC DATA SHEET	N/A	Rev. 9-19-87
a4.dgn	ROADSIDE DEVELOPMENT	N/A	Rev. 7-03
a5.dgn	EROSION CONTROL SUMMARY	N/A	Rev. 7-02
a6.dgn	TEMPORARY SEDIMENT TRAP DETAIL SHEET	N/A	New 6-01
a9.dgn	PRELIMINARY RIGHT OF WAY DATA SHEET	N/A	Rev. 6-97
a14.dgn	REVISION DATA SHEET	N/A	Rev. 9-23-93
a20.dgn	STANDARD MANHOLE FRAME AND COVER	MH-1	New 7-02
a36.dgn	RADIAL OFFSET / REVERSE CURVE DATA	N/A	Rev. 9-23-93
a41.dgn	UNDERGROUND UTILITY TEST HOLE INFORMATION	N/A	Rev. 1-95
a47.dgn	GR-FOA-3 W-BEAM GUARDRAIL INSTALLATION CRITERIA	N/A	Rev. 7-98
a55.dgn	STANDARD SIDEWALK UNDERDRAIN	UD-3	New. 7-03

a57.dgn	STANDARD ENDWALL FOR PIPE UNDERDRAIN	EW-12	New. 7-03
<b>a59.dgn</b>	<b>CG-12 DETECTABLE WARNING SURFACE (ACCESS FOR MOBILITY IMPAIRMENTS)</b> <b>Revised notes and dimensions.</b>	<b>CG-12</b>	<b>Rev. 1-04</b>
a65_1.dgn	W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT	GR-FOA-1	New 7-01
a65_2.dgn	W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT	GR-FOA-1	New 7-01
a66_1.dgn	W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT	GR-FOA-2	New 7-01
a66_2.dgn	W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT	GR-FOA-2	New 7-01
a71.dgn	GRADING DIAGRAM AND SUMMARY	N/A	Rev. 5-99
a73.dgn	TYPICAL METHOD OF INSTALLATION FOR PIPE ON FILL SLOPE	N/A	Rev. 7-01
<b>a78.dgn</b>	<b>PRIVATE ENTRANCES</b> <b>Revised notes.</b>	<b>CG-9</b>	<b>Rev. 1-04</b>
a80.dgn	STANDARD GROUNDWATER UNDERDRAIN STANDARD UNDERDRAIN FOR USE WITH GRASS MEDIANS	UD-1 UD-2	New. 7-03
<b>a81.dgn</b>	<b>STANDARD PAVEMENT EDGEDRAIN</b> <b>Removed inspection port and modified outlet Pipe configuration.</b>	<b>UD-4</b>	<b>Rev. 1-04</b>
a83dgn	STANDARD RETROFIT EDGEDRAIN	UD-7	New. 7-03
a84.dgn	STANDARD RETROFIT EDGEDRAIN	UD-7	New. 7-03
<b>a86.dgn</b>	<b>PIPE BEDDING AND BACKFILL</b> <b>Removed requirement for class II backfill.</b>	<b>PB-1</b>	<b>New 1-04</b>
a87.dgn	STANDARD BLOCKED-OUT W BEAM GUARDRAIL(STRONG POST SYSTEM) POST AND BLOCKOUT DETAILS	GR-2,2A	New. 7-03
<b>a88.dgn</b>	<b>GUARDRAIL AT LOW FILL CULVERTS</b> <b>Revised notes and removed reference to splice plate.</b>	<b>GR-10</b>	<b>New 1-04</b>
a89.dgn	BRAKEAWAY CABLE TERMINAL 4' FLARE	GR-7	Rev. 7-03
<b>a91.dgn</b>	<b>STANDARD W BEAM GUARDRAIL (WEAK</b>	<b>GR-8, 8A,</b>	<b>Rev. 1-04</b>

	<b>POST SYSTEM)</b> <b>Revised notes referring to limits of item.</b>	<b>8B, 8C</b>	
a92.dgn	W-BEAM GUARDRAIL INSTALLATION CRITERIA	GR-INS	New. 7-03
a93.dgn	<b>W BEAM GUARDRAIL AND MEDIAN BARRIER GR-INS INSTALLATION CRITERIA</b> <b>Added detail for transition from old GR-8 to current Standard.</b>		<b>Rev. 1-04</b>
a94.dgn	<b>BLOCKED OUT W-BEAM BARRIER</b> <b>Revised flare rates.</b>	<b>MB-3</b>	<b>New 1-04</b>
a95.dgn	STANDARD W BEAM MEDIAN BARRIER (WEAK POST SYSTEM)	MB-5	Rev. 7-01
a96.dgn	<b>CONCRETE MEDIAN BARRIER (TALL WALL)</b> <b>Revised flare rates.</b>	<b>MB-12A,B,C</b>	<b>New 1-04</b>
a97.dgn	SOLID PAVING UNITS (SIDEWALK & CROSSWALK)	N/A	Rev. 3-03
a98.dgn	<b>CONCRETE MEDIAN BARRIER</b> <b>Revised flare rates.</b>	<b>MB-7D,E,F</b> <b>MB-8A</b>	<b>New 1-04</b>
a100.dgn	CONCRETE BARRIER INLET (WITH MB-8A)	DI-10J,K,L	Rev. 7-02
a102.dgn	CONCRETE MEDIAN BARRIER DROP INLET	DI-14D, 14E, 14F	Rev. 7-01
a103.dgn	<b>PRECAST TRAFFIC BARRIER SERVICE CONCRETE WITH POSITIVE CONNECTION</b> <b>Revised flare rates.</b>	<b>MB-7D PC</b>	<b>New 1-04</b>
a104.dgn	<b>CONCRETE MEDIAN BARRIER (TALL WALL TYPE I, II, OR III</b> <b>Revised flare rates.</b>	<b>MB-13</b>	<b>New 1-04</b>
a106.dgn	WETLAND COMPENSATION PLANT LIST, SUMMARY AND NOTES	N/A	Rev. 10-99
a108.dgn	<b>COMMERCIAL ENTRANCE</b> <b>Revised notes and dimensions.</b>	<b>CG-12</b>	<b>Rev. 1-04</b>
a120.dgn	<b>PIPE BEDDING AND BACKFILL</b> <b>Removed requirement for class II backfill.</b>	<b>PB-1</b>	<b>New 1-04</b>
a130.dgn	FLARED END-SECTION FOR 23" X 14" TO 53" X 34" ELLIPTICAL CONCRETE PIPE CULVERTS	ES-1A	New 7-01

a132.dgn	TERMINAL TREATMENT FOR W BEAM GUARDRAIL	GR-6	New. 7-03
a133.dgn	CABLE GUARDRAIL	GR-3	New. 7-03
a140.dgn	JUNCTION BOX	JB-1B, 2B, 3B, 4B, 5B	New 7-01
a141.dgn	JUNCTION BOX	JB-1C, 2C, 3C, 4C, 5C	New 7-01
a142.dgn	FLARED END-SECTION FOR 12" – 60" CONCRETE PIPE CULVERTS AND 12" – 60" CORRUGATED PIPE CULVERTS	ES-1, ES-2	New 7-01
a143.dgn	STANDARD SPRING BOX PRECAST SPRING BOX	SB-1 SB-1 PC	Rev 3-03
a144.dgn	STANDARD CONCR. STEPS FOR 1½:1 SLOPE STANDARD CONCR. STEPS FOR 2:1 SLOPE	S-1 S-2	New 7-02
a145.dgn	TRAILING END TERMINAL TREATMENT	GR-11	Rev 7-03
a146.dgn	W BEAM GUARDRAIL INSTALLATION CRITERIA Added detail for terminal end occurrence	GR-INS	Rev 3-03
a148.dgn	W BEAM GUARDRAIL INSTALLATION CRITERIA	TDI-2 TDI-3	New 3-03
<b>a149.dgn</b>	<b>STANDARD MAILBOX</b> <b>Revised table dimension from Ft. in In.</b>	<b>RFD-1</b>	<b>Rev. 7-03</b>
a150.dgn	PLAIN AND REINFORCED CONCRETE PAVEMENT SHOWING REINFORCEMENT, LONGITUDINAL AND TRANSVERSE JOINTS	PR-2	New. 7-03
<b>A151.dgn</b>	<b>PIPE BEDDING AND BACKFILL</b> <b>Created notes sheet.</b>	<b>PB-1</b>	<b>New 1-04</b>
<b>A152.dgn</b>	<b>STANDARD FENCE AND GROUNDING</b> <b>Revised specification Designation and post sizing. Revised notes.</b>	<b>FE-CL</b> <b>FE-6</b>	<b>New 1-04</b>
<b>A153.dgn</b>	<b>STANDARD CURB DROP INLET</b> <b>Revised details showing approach surface to slot.</b>	<b>DI-2A,B,C</b> <b>DI -2D,E,F</b>	<b>New 1-04</b>
<b>A154.dgn</b>	<b>TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES</b> <b>Revised notes, catwalk details, fixed object Offset distance and electrical installation details.</b>	<b>OSS-1</b>	<b>New 1-04</b>
<b>A155.dgn</b>	<b>TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES</b> <b>Revised sign panel erection details and sign</b>	<b>OSS-1</b>	<b>New 1-04</b>

**lighting details.**

isd414_1.dgn	TEMPORARY SILT FENCE AND FILTER BARRIER	EC-5	New. 3-03
isd414_2.dgn	DROP INLET SILT TRAP (TYPE A AND B)	EC-6	Rev. 3-03
<b>isd414_4.dgn</b>	<b>TEMPORARY EROSION AND SILTATION CONTROL</b> <b>Revised entrance width from 12" to 12'</b>	<b>EC-INS</b>	<b>Rev. 1-04</b>
isd564a.dgn	DITCH FLUME CONNECTOR	PG-7	New 7-02
isd570.dgn	STANDARD PAVED DITCHES	PG-2A PG-3	Rev. 7-03
isd1276a.dgn	TRAFFIC BARRIER SERVICE SINGLE FACE PARAPET (FOR SINGLE FACE TEMPORAY INSTALLATION ON BRIDGE DECK EXTERIOR)	MB-10A	New 7-02
isd1482.dgn	SPECIAL DESIGN SLOPE DRAIN	N/A	Rev. 12-99
isd1588.dgn	LOW FLOW DIVERSION FOR MULTIPLE LINE CULVERT INSTALLATIONS	N/A	Rev. 9-94
isd1722a.dgn	RUMBLE STRIPS	RS-1	New 11-02
isd2045.dgn	SPECIAL DESIGN CONCRETE SLAB END TREATMENT	N/A	Rev. 10-10-97
isd2063.dgn	BUTTING TRAFFIC BARRIER SERVICE TO SINGLE FACE PARAPET SERVICE	MB-INS	New 7-02
isd2209.dgn	STORMWATER MANAGEMENT (SWM) DETAILS	SWM-DR	Rev. 3-03
isd2216.dgn	STORMWATER MANAGEMENT (SWM) DETAILS	SWM-1	Rev. 3-03
isd2216A.dgn	STORMWATER MANAGEMENT (SWM) DETAILS	SWM-DR	Rev. 3-03
isd2390.dgn	ALT. BREAKAWAY CABLE TERMINAL NO FLARE	GR-9 MB-5	Rev. 7-03
<b>isd2623.dgn</b>	<b>CONTINUOUSLY REINFORCED CONCRETE PAVEMENT</b> <b>Revised anchor slab detail.</b>	<b>PR-5</b>	<b>Rev. 1-04</b>
<b>isd2724.dgn</b>	<b>CONTINUOUSLY REINFORCED CONCRETE PAVEMENT</b> <b>Revised anchor slab detail.</b>	<b>PR-6</b>	<b>Rev. 1-04</b>

<b>isd2761.dgn</b>	<b>CONTINUOUSLY REINFORCED CONCRETE PAVEMENT</b> Removed load transfer dowel into bridge (section F-F). Revised anchor slab detail.	<b>PR-7</b>	<b>Rev. 1-04</b>
<b>isd2861.dgn</b>	<b>CONTINUOUSLY REINFORCED CONCRETE PAVEMENT</b> Removed load transfer dowel into bridge (section F-F). Revised anchor slab detail.	<b>PR-8</b>	<b>Rev. 1-04</b>
<b>isd2862.dgn</b>	<b>CONTINUOUSLY REINFORCED CONCRETE PAVEMENT</b> Removed load transfer dowel into bridge (section F-F). Revised anchor slab detail.	<b>PR-9</b>	<b>Rev. 1-04</b>
isd2944.dgn	SINK HOLE DETAILS	N/A	New. 11-02
isd2945.dgn	MODIFIED PG-2A AND MODIFIED PG-5	N/A	New. 11-02
isd86.dgn	86 CADD LEVEL STRUCTURE SHEET	N/A	New 1-96
isd95.dgn	95 CADD LEVEL STRUCTURE SHEET	N/A	Rev. 7-15-96
<b>iinsertr.doc</b>	<b>Current Insertable Sheet List (Includes description of 1/04 changes Rev. 1/04</b>		