

**2001 Insertable Sheet List
For Use With The 2001 Imperial Road and Bridge Standards
September 2006**

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.

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-inserts

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 9-06 changes are in bold. **Note that the new/revised Insertable Sheets will be applicable to projects going to Advertisement in March 2007.**

<u>NUMBER</u>	<u>TITLE (INCL. DESCRIPT. OF 9-06 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	Rev. 2-06
a57.dgn	STANDARD ENDWALL FOR PIPE UNDERDRAIN	EW-12	Rev. 7-04
a59.dgn	CG-12 DETECTABLE WARNING SURFACE (ACCESS FOR MOBILITY IMPAIRMENTS)	CG-12	Rev. 7-05
a62.dgn	TYPICAL CONCRETE SAFETY SLAB	SL-1	New 7-05

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a65_1.dgn	W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT Guardrail height changed to match GR-2.	GR-FOA-1	Rev. 9-06
a65_2.dgn	W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT Revised dimension of guardrail on parapet.	GR-FOA-1	Rev. 9-06
a66_1.dgn	W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT Guardrail height changed to match GR-2.	GR-FOA-2	Rev. 9-06
a66_2.dgn	W-BEAM GUARDRAIL - FIXED OBJECT ATTACHMENT Revised dimension of guardrail on parapet.	GR-FOA-2	Rev. 9-06
a67.dgn	BLOCKED-OUT W-BEAM MEDIAN BARRIER FIXED OBJECT ATTACHEMENT Guardrail height changed to match MB-3.	GR-FOA-4	Rev. 9-06
a68.dgn	STANDARD HANDRAIL	HR-1	Rev. 7-04
a69.dgn	CULVERT OUTLET PROTECTION Added dimension tables for length and thickness of erosion control stone.	EC-1	Rev. 9-06
a70.dgn	SOIL STABILATION MAT DITCH INSTALLATION TYPE A OR B	EC-3	New 7-05
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
a76.dgn	STANDARD ENTRANCE GUTTER W/ FLARED OPENING FOR USE ACROSS SIDEWALK	CG-9A	Rev. 2-06
a78.dgn	PRIVATE ENTRANCES	CG-9B	Rev. 2-06
a80.dgn	STANDARD GROUNDWATER UNDERDRAIN STANDARD UNDERDRAIN FOR USE WITH GRASS MEDIANS	UD-1 UD-2	Rev. 2-06
a81.dgn	STANDARD PAVEMENT EDGEDRAIN	UD-4	Rev. 2-06
a83.dgn	STANDARD RETROFIT EDGEDRAIN	UD-7	Rev. 2-06
a84.dgn	STANDARD COMBINATION UNDERDRAIN; (AT LOWER END OF CUTS AND AT GRADE SAGS AND BRIDGE APPROACHES)	CD-1 CD-2	New 7-03
a86.dgn	PIPE BEDDING AND BACKFILL	PB-1	New 7-04

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a87.dgn	STANDARD BLOCKED-OUT W BEAM GUARDRAIL (STRONG POST SYSTEM) POST AND BLOCKOUT DETAILS Added note for GR-11 option in place of 50' rail with washers.	GR-2,2A	Rev. 9-06
a88.dgn	GUARDRAIL AT LOW FILL CULVERTS Revised depth of fill above culvert to 4'-0".	GR-10	Rev. 9-06
a89.dgn	BRAKEAWAY CABLE TERMINAL 4' FLARE Revised dimensions.	GR-7	Rev. 9-06
a91.dgn	STANDARD W BEAM GUARDRAIL (WEAK POST SYSTEM)	GR-8, 8A, 8B, 8C	Rev. 1-04
a92.dgn	W-BEAM GUARDRAIL INSTALLATION CRITERIA Revised tables.	GR-INS	Rev. 9-06
a93.dgn	W BEAM GUARDRAIL AND MEDIAN BARRIER INSTALLATION CRITERIA Revised transition length for rail height adjustment.	GR-INS	Rev. 9-06
a94.dgn	BLOCKED OUT W-BEAM BARRIER Guardrail height changed to match GR-2 and added note for GR-11 option.	MB-3	Rev. 9-06
a95.dgn	STANDARD W BEAM MEDIAN BARRIER (WEAK POST SYSTEM)	MB-5	Rev. 7-05
a96.dgn	CONCRETE MEDIAN BARRIER (TALL WALL)	MB-12A,B,C	Rev. 7-04
a98.dgn	CONCRETE MEDIAN BARRIER	MB-7D,E,F MB-8A	Rev. 7-05
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	PRECAST TRAFFIC BARRIER SERVICE CONCRETE WITH POSITIVE CONNECTION	MB-7D PC	Rev. 7-05
a104.dgn	CONCRETE MEDIAN BARRIER (TALL WALL TYPE I, II, OR III)	MB-13	New 1-04
a105_1.dgn	PRECAST CONCRETE MEDIAN BARRIER POSITIVE CONNECTION OPTIONS	MB-INS	Rev. 7-05
a105_2.dgn	PRECAST CONCRETE MEDIAN BARRIER POSITIVE CONNECTION OPTIONS	MB-INS	New 7-05

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a106.dgn	WETLAND COMPENSATION PLANT LIST, SUMMARY AND NOTES	N/A	Rev. 10-99
a108.dgn a120.dgn	COMMERCIAL ENTRANCE PIPE BEDDING AND BACKFILL	CG-13 PB-1	Rev. 2-06 New 1-04
a127.dgn	JUNCTION BOX Corrected mislabeled dimensions.	JB-1A,2A 3A,4A,5A	Rev. 9-06
a128.dgn	LIGHTING POLE FOUNDATION INSTALLATION DETAILS Corrected mislabeled dimensions.	LF-1	Rev. 9-06
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	Rev. 2-06
a133.dgn a136.dgn	CABLE GUARDRAIL SITE PREPARATION FOR GR-7 (Sheet 1 of 2)	GR-3 GR-SP	Rev. 7-04 Rev. 2-06
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. 7-05
a146.dgn	W BEAM GUARDRAIL INSTALLATION CRITERIA	GR-INS	Rev. 3-03
a148.dgn	STANDARD PRECAST TOP UNITS	TDI-2, TDI-3	New 3-03
a149.dgn	STANDARD MAILBOX	RFD-1	Rev. 7-04
a150.dgn	PLAIN AND REINFORCED CONCRETE PAVEMENT SHOWING REINFORCEMENT, LONGITUDINAL AND TRANSVERSE JOINTS	PR-2	New 7-03
a151.dgn	PIPE BEDDING AND BACKFILL	PB-1	New 1-04

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a152.dgn	STANDARD FENCE AND GROUNDING	FE-CL FE-6	Rev. 7-04
a153.dgn	STANDARD CURB DROP INLET	DI-2A,B,C DI-2D,E,F	Rev. 7-05
a154.dgn	TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES	OSS-1	Rev. 2-06
a155.dgn	TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES	OSS-1	New 5-04
a156.dgn	TYPICAL DETAILS FOR SIGN STRUCTURES	SSP-VA SSP-VIA	Rev. 7-05
a157.dgn	TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES AND SIGN PANEL DESIGN	OSS-1 SPD-1	Rev. 2-06
a158.dgn	15" PIPE TEE SECTION DROP INLET	DI-9	New 7-04
a159.dgn	STANDARD SOLID CONCRETE RAISED MEDIAN STRIP Revised note for the use of 4" and 6" curb.	MS-1 MS-1A	Rev. 9-06
a160.dgn	STANDARD FENCE WOVEN WIRE FABRIC STANDARD FENCE BARBED WIRE	FE-W1,W2 FE-B	New 7-04
a161.dgn	CONCRETE GRAVITY RETAINING WALLS Clarified porous backfill location.	RW-3	Rev. 9-06
a162.dgn	SANITARY SEWER MANHOLE WATER AND SANITARY SEWER FACILITIES	SMH-1	New 7-05
a163.dgn	MULTIGRATE DROP INLET	DI-12, 12A	Rev. 2-06
a164.dgn	MULTIGRATE DROP INLET	DI-12B, 12C	Rev. 2-06
a165.dgn	SHOULDER SLOT INLET	DI-13	New 7-05
a166_1.dgn	ALLOWABLE PIPE CRITERIA	PC-1	New 7-05
a166_2.dgn	ALLOWABLE PIPE CRITERIA	PC-1	New 7-05
a166_3.dgn	ALLOWABLE PIPE CRITERIA	PC-1	New 7-05
a166_4.dgn	ALLOWABLE PIPE CRITERIA	PC-1	New 7-05
a166_5.dgn	ALLOWABLE PIPE CRITERIA	PC-1	New 7-05
a166_6.dgn	ALLOWABLE PIPE CRITERIA	PC-1	New 7-05
a166_7.dgn	ALLOWABLE PIPE CRITERIA	PC-1	New 7-05

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a166_8.dgn	ALLOWABLE PIPE CRITERIA Revised notes.	PC-1	Rev. 9-06
a166_9.dgn	ALLOWABLE PIPE CRITERIA Revised notes.	PC-1	Rev. 9-06
a167.dgn	TYPICAL BRIDGE PARAPET SIGN SIGNAL POLE FOUNDATION	BSS-1 PF-1	Rev. 2-06
a168.dgn	TYPICAL PAVEMENT MARKINGS FOR BICYCLE LANE	PM-6	Rev. 2-06
a169.dgn	PEDESTRIAN SIGNAL INDICATION DETAILS	S-5,6,7,8,9	New 7-05
a170.dgn	CONCRETE MEDIAN BARRIER DROP INLET	DI-14	New 2-06
a171.dgn	STORAGE FACILITY FOR NUCLEAR GAUGE	NG-1	New 2-06
a172.dgn	ELECTRICAL SERVICE DETAILS SIGNAL INSTALLATION	SE-1	New 2-06
a173.dgn	ELECTRICAL SERVICE DETAILS SIGNAL INSTALLATION	SE-2 SE-4	New 2-06
a174.dgn	ELECTRICAL SERVICE DETAILS SIGNAL INSTALLATION	SE-3	New 2-06
a175.dgn	ELECTRICAL SERVICE DETAILS SIGNAL INSTALLATION SIGN AND LIGHTING INSTALLATION	SE-5 SE-6	New 2-06
a176.dgn	ELECTRICAL SERVICE DETAILS SIGN AND LIGHTING INSTALLATION	SE-7 SE-8	New 2-06
a177.dgn	ELECTRICAL SERVICE DETAILS SIGN AND LIGHTING INSTALLATION	SE-9	New 2-06
a178.dgn	TYPICAL PAVEMENT MARKING DETAILS	PM-1	New 2-06
a179.dgn	STANDARD 6" CURB COMBINATION 6" CURB AND GUTTER Revised notes for use of 4" and 6" curb.	CG-2 CG-6	New 9-06
a180.dgn	STANDARD 4" CURB COMBINATION 4" CURB AND GUTTER Revised notes for use of 4" and 6" curb.	CG-3 CG-7	New 9-06
a181.dgn	ASPHALT CONCRETE CURB AND MEDIAN Revised notes for use of 4" and 6" curb.	MC-3,3A MC-3B,3C	New 9-06
a182.dgn	CONCRETE MEDIAN CURB Revised notes for use of 4" and 6" curb.	MC-1	New 9-06

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a183.dgn	STANDARD RAISED GRASS MEDIAN STRIP STD. RAISED ASPHALT MEDIAN WITH CONCRETE CURB Revised notes for use of 4" and 6" curb.	MS-2 MS-4	New 9-06
a184.dgn	PEDESTAL POLE WIRING DETAIL Revised notes.	WD-4	New 9-06
a185.dgn	TYPICAL DETAILS FOR STANDARD & SPECIAL ROAD EDGE DELINEATORS Revised notes.	ED-1,ED-2	New 9-06
a186.dgn	DRAINAGE STRUCTURE BEDDING New standard for the bedding of drainage structures.	DSB-1	New 9-06
a187.dgn	PAVEMENT WIDENING New standard for asphalt pavement widening.	WP-2	New 9-06
a188.dgn	CENTERLINE RUMBLE STRIPS New standard for centerline rumble strips.	RS-3	New 9-06
a189.dgn	TRANSVERSE PAVEMENT TIE-IN New standard for pavement planning tie-ins.	TPT-1	New 9-06
isd414_1.dgn	TEMPORARY SILT FENCE AND FILTER BARRIER Replaced silt fence at culvert inlet with a check dam.	EC-5	Rev. 9-06
isd414_2.dgn	DROP INLET SILT TRAP (TYPE A AND B)	EC-6	Rev. 3-03
isd414_4.dgn	TEMPORARY EROSION AND SILTATION CONTROL	EC-INS	Rev. 7-04
isd564a.dgn	DITCH FLUME CONNECTOR	PG-7	New 7-02
isd570.dgn	STANDARD PAVED DITCHES	PG-2A PG-3	Rev. 7-04
isd1165a.dgn	TRAFFIC BARRIER SERVICE CONCRETE PARAPET – DOUBLE FACED FOR TEMP. INSTALLATION ON BRIDGE DECK EXTERIOR Revised Sheet 1 of 3 and 2 of 3.	MB-11A	Rev. 9-06
isd1165b.dgn	TRAFFIC BARRIER SERVICE CONCRETE PARAPET – DOUBLE FACED FOR TEMP. INSTALLATION ROADWAY New staking detail for pavement.	MB-11A	New 9-06
isd1276a.dgn	TRAFFIC BARRIER SERVICE SINGLE FACE PARAPET (FOR SINGLE FACE TEMPORAY INSTALLATION ON BRIDGE DECK EXTERIOR)	MB-10A	New 7-02

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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 Revised Dimensions.	GR-9	Rev. 9-06
isd2623.dgn	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	PR-6	Rev. 1-04
isd2724.dgn	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	PR-5	Rev. 1-04
isd2761.dgn	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	PR-7	Rev. 1-04
isd2861.dgn	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	PR-8	Rev. 1-04
isd2862.dgn	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	PR-9	Rev. 2-06
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 Revised survey level structure.	N/A	Rev. 7-04
iinsert.doc	Current Insertable Sheet List		Rev. 9-06