

**2008 Interim Standard Sheet List
For Use With The 2008 Imperial Road and Bridge Standards
January, 2015**

The following is a complete list of special design **IMPERIAL** interim standard sheets that will be used with the 2008 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: Imperial
PPMS# eng-ser
Division 2008 Insertable Sheets

FTP Location: Imperial path download/insertable-sheets/2008-inserts

The information below shows the file name as it is on the system, the title of the Interim Standard Sheet, the applicable Standard, and the date the file was revised by Engineering Services. The new/revised sheets and descriptions of the 01-13 changes are in bold. **Note that the revised Interim Standard Sheets dated 01/15 will be applicable to Tier 1 projects going to Advertisement on April 28, 2015 (Non Federally Eligible), May 12, 2015 (Federally Eligible) and Tier 2 projects going to Advertisement on August 11, 2015.**

Special Note: Revision to the IIS05_22 GR-9 Alternate Breakaway Cable Terminal - No Flare Standard is effective for all projects October 24, 2014. This includes all projects currently under construction.

<u>NUMBER</u>	<u>TITLE</u>	<u>STD</u>	<u>DATE</u>
IIS01_01	Standard Endwall for Pipe Underdrain	EW-12	Rev. 01/15
IIS01_02	Temporary Diversion Channel	EC-12	New 4/09
IIS01_03	Temporary Vehicular Watercourse Crossing	EC-14	New 4/09
IIS01_04	Installation of Pipe Culverts and Storm Sewers Circular Pipe Bedding and Backfill - Method "A"	PB-1	Rev. 7/12
IIS01_05	Steel Spiral Rib Pipe Height of Cover Table for H-20 Live Load	PC-1	New 01/13
IIS01_06	Plastic Pipe Height of Cover Table for H-20 Live Load	PC-1	New 01/13
IIS01_07	Allowable Pipe Criteria for Culvert and Storm Sewers	PC-1	New 01/13
IIS01_08	Allowable Pipe Criteria for Culvert and Storm Sewers	PC-1	New 01/13
IIS01_09	Typical Sediment Trap	EC-7	New 01/13
IIS01_10	Temporary Berm & Slope Drain	EC-10	New 01/13
IIS01_11	Multigrate Drop Inlet for Pipe Sizes 12" - 72"	DI-12, 12A	New 08/14
IIS01_12	Multigrate Drop Inlet for Pipe Sizes 12" - 36"	DI-12B, 12C	New 08/14
IIS01_13	Temporary Silt Barriers, Silt Fence (Type A & B), and Brush Barrier	EC-5	New 08/14

<u>Number</u>	<u>Title</u>	<u>STD</u>	<u>Date</u>
IIS01_14	Temporary Silt Barriers, Silt Fence (Type A & B), and Brush Barrier	EC-5	New 08/14
IIS01_15	Temporary Silt Barriers, Silt Fence (Type A & B), and Brush Barrier	EC-5	New 08/14
IIS01_16	Prefabricated Geocomposite Retrofit Pavement Edgedrain	UD-5	New 01/15
IIS02_01	Detectable Warning Surface General Notes	CG-12	Rev. 7/11
IIS02_02	Detectable Warning Surface Type A (Perpendicular) Application	CG-12	Rev. 7/11
IIS02_03	Detectable Warning Surface Type B (Parallel) Application	CG-12	Rev. 7/11
IIS02_04	Detectable Warning Surface Type C (Parallel and Perpendicular)	CG-12	Rev. 7/11
IIS02_05	Detectable Warning Surface - Type M & R (Median & Refuge Island)	CG-12	Rev. 7/12
IIS02_06	Asphalt Curb and Gutter (Asphalt Paving Under Guardrail)	MC-4	New 7/13
IIS03_01	8" Continuously Reinforced Concrete Pavement (Leave out Joint Detail)	PR-3	Rev. 7/12
IIS03_02	9" Continuously Reinforced Concrete Pavement (Leave out Joint Detail)	PR-4	Rev. 7/12
IIS03_03	Continuous Shoulder Rumble Strips	RS-1	New 10/09
IIS03_04	Centerline Rumble Strips	RS-3	Rev. 07/13
IIS03_05	Continuous Shoulder Rumble Stripes	RS-4	Rev. 07/13
IIS03_06	Intermittent Shoulder Rumble Strips	RS-5	Rev. 08/10
IIS03_07	Asphalt Concrete Overlay Transition	ACOT-1	Rev. 7/12
IIS03_08	8" Continuously Reinforced Concrete Pavement (Steel bar reinforcement)	PR-3	Rev. 7/12
IIS03_09	9" Continuously Reinforced Concrete Pavement (Steel bar reinforcement)	PR-4	Rev. 7/12
IIS05_01.dgn	MB-10A TRAFFIC BARRIER SERVICE CONCRETE PARAPET (SINGLE FACE)	MB-10A	New 1/09
IIS05_02.dgn	MB-11A TRAFFIC BARRIER SERVICE CONCRETE PARAPET (DOUBLE FACE)	MB-11A	New 1/09
IIS05_03.dgn	MB-11A TRAFFIC BARRIER SERVICE CONCRETE PARAPET	MB-11A	New 1/09

(DOUBLE FACE)

<u>NUMBER</u>	<u>TITLE</u>	<u>STD</u>	<u>DATE</u>
IIS05_04	Standard Guardrail Hardware	GR-HDW	Rev 01/14
IIS05_05	Terminal Treatment for W Beam Guardrail	GR-6	Rev 7/12
IIS05_06	W Beam Guardrail-Fixed Object Attachment Rubrail and Hardware Details	GR-FOA-1	New 4/09
IIS05_07	Terminal Treatment For W-Beam Guardrail	GR-6	Rev 7/12
IIS05_08	W-Beam Guardrail Installation Criteria	GR-INS	Rev 01/15
IIS05_09	Standard Blocked-Out W Beam Guardrail (Strong Post System)	GR-2, 2A	Rev 08/14
IIS05_10	Standard Blocked-Out W Beam Guardrail (Strong Post System, Post and Blockout Details)	GR-2, 2A	Rev 08/14
IIS05_11	Guardrail at Low-Fill Culvert	GR-10	Rev 7/11
IIS05_12	W Beam Guardrail-Fixed Object Attachment For Use With Vertical Fixed Objects and Guardrail (Wood Post)	GR-FOA-1	Rev 01/14
IIS05_13	W Beam Guardrail-Fixed Object Attachment For Use With Vertical Fixed Objects and Guardrail (Steel Post)	GR-FOA-1	Rev 01/14
IIS05_14	W Beam Guardrail Object Attachment For Use Between Safety Shape and Guardrail (Wood Posts)	GR-FOA-2	Rev 01/14
IIS05_15	W Beam Guardrail Object Attachment For Use Between Safety Shape and Guardrail - Steel Posts	GR-FOA-2	Rev 01/14
IIS05_16	Blocked-Out W-Beam Median Barrier - Fixed Object Attachment For Use Between MB-7 & MB-3	GR-FOA-4	Rev 01/14
IIS05_17	W-Beam Guardrail Installation Criteria Fixed Object Attachment Methods For Construction Zones	GR-FOA-CZ	Rev 7/11
IIS05_18	Blocked-Out W Beam Median Barrier	MB-3	Rev. 08/14
IIS05_19	Butting Traffic Barrier Service to Single Face Parapet Service	MB-INS	Rev 7/11
IIS05_20	Standard Fence Chain Link	FE-CL	Rev 7/11
IIS05_21	Breakaway Cable Terminal - 4' Flare	GR-7	New 7/12
IIS05_22	Alternate Breakaway Cable Terminal - No Flare	GR-9	Rev. 10/14
IIS05_23	Guardrail Terminal Installation Site Preparation Requirements For GR-7	GR-7	New 01/14
IIS05_24	Guardrail Terminal Installation Site Preparation Requirements For GR-9	GR-9	New 01/14

<u>NUMBER</u>	<u>TITLE</u>	<u>STD</u>	<u>DATE</u>
IIS05_25	W Beam Guardrail-Fixed Object Attachment Rubrail and Hardware Details	FOA-2 & 4	New 01/14
IIS06_01	Standard Handrail Method of Locating and Erecting	HR-1	Rev 7/11
IIS06_02	Storage Facility for Nuclear Gauge	NG-1	New 01/13
Section 1000	Entire Box Culvert Section By Page Number	All	Rev. 01/15
IIS13_01	Pedestrian Actuation Details	PA-1,2,3	Rev 6/09
IIS13_02	Signal Pole Foundation Installation Details (NEW)	PF-8	Rev 08/14
IIS13_03	Interstate Sign Structure Installation Details	SSP-VIA	VOID
IIS13_04	Overhead Sign Structure Typical Details	OSS-1	Rev. 07/13
IIS13_05	Overhead Sign Structure Gusset Plate Connection	OSS-1	New 4/09
IIS13_06	Sign Panel Design	SPD-1	New 4/09
IIS13_07	Extruded Sign Panel Design	SPD-2	New 4/09
IIS13_08	Sign Panel Design	SPD-3	New 4/09
IIS13_09	Sign Panel Design	SPD-7	New 4/09
IIS13_10	Typical Pavement Marking Left Turn Pavement Marked Median	PM-5	VOID
IIS13_11	Typical Pavement Marker Location Details	PM-9	VOID
IIS13_12	Controller Cabinet Foundation and Conduit Placement Details	CF-1	New 6/09
IIS13_13	Control Center Cabinet Foundation and Conduit Placement Details	CF-2	New 6/09
IIS13_14	Controller Cabinet Foundation and Conduit Placement Details	CF-3	New 6/09
IIS13_15	Signal Pole Details (Mast Arm and Combination Luminaire Mast Arm Pole)	MP-1	New 6/09
IIS13_16	Signal Pole Details (Strain and Combination Luminaire Strain Pole)	MP-2	New 6/09
IIS13_17	Pedestal Pole Foundation Details	PF-2	New 6/09
IIS13_18	Signal Head Mounting Details Span Wire	SW-1	New 6/09
IIS13_19	Signal Head Mounting Details Span Wire	SW-2	New 6/09
IIS13_20	Signal Head Mounting Details - Pole and Top Bracket	SMB-1,2,3	New 6/09
IIS13_21	Tether Wire Details	TA-1	New 6/09

<u>NUMBER</u>	<u>TITLE</u>	<u>STD</u>	<u>DATE</u>
IIS13_22	Sign Mounting Details	SMD-1,2	New 6/09
IIS13_23	Steel Pole Wiring and Rigging Details	WD-1	New 6/09
IIS13_24	Wood Pole Wiring and Rigging Details	WD-2	New 6/09
IIS13_25	Flashing Beacon Installation Details	FB-2	New 6/09
IIS13_26	Signal Pole Foundation Installation Details Void	PF-1	VOID 08/14
IIS13_27	Lighting Pole Foundation Installation Details	LF-1	Rev 08/14
IIS13_28	Lighting Pole Details and High Mast	LP-3	New 6/09
IIS13_29	Electrical Service Installation Details	SE-1	New 6/09
IIS13_30	Electrical Service Installation Details	SE-5	New 6/09
IIS13_31	Electrical Service Installation Details	SE-6	New 6/09
IIS13_32	Electrical Service Installation Details	SE-7	New 6/09
IIS13_33	Electrical Service Installation Details	SE-9	New 6/09
IIS13_34	Electrical Service Installation Details	SE-10	New 6/09
IIS13_35	Loop Detector Installation Details	TD-1A,B,C	New 6/09
IIS13_36	Junction Box For Traffic Use	JB-R1,R2	New 6/09
IIS13_37	Junction Box For Non-Deliberate Traffic Use	JB-S1,S2,S3	New 6/09
IIS13_38	Electrical Conduit and Conductor Cable (Underground Installation)	ECI-1	New 6/09
IIS13_39	Square Tube Sign Post	STP-1	VOID
IIS13_40	V A Sign Structures Installation Details	SSP-VA	VOID
IIS13_41	Overhead Sign Structure Foundation Details	OSS-1	Rev. 07/13
IIS13_42	Overhead Sign Structure (Sign Hanger and Luminaire Retrieval Detail) (Hanger and Luminaire Detail)	OSS-1	New 6/09
IIS13_43	Sign Panel Design	SPD-5	New 6/09
IIS13_44	Sign Panel Design	SPD-6	Rev. 01/15
IIS13_45	Interstate Road Edge Delineators Typical Details	ED-3	New 6/09
IIS13_46	Signal Pole Foundation Installation Details (NEW)	PF-8	New 08/14

<u>Number</u>	<u>Title</u>	<u>STD</u>	<u>Date</u>
IIS13_47	Lighting Pole Foundation Installation Details	LF-1	New 08/14
IIS13_1321_10	Square Tube Sign Post	STP-1	New 01/15
IIS13_1321_11	Square Tube Sign Post	STP-1	New 01/15
IIS13_1321_12	Square Tube Sign Post	STP-1	New 01/15
IIS13_1321_13	Square Tube Sign Post Foundation Type A Details	STP-1	New 01/15
IIS13_1321_14	Square Tube Sign Post Foundation Type B Details	STP-1	New 01/15
IIS13_1321_15	Square Tube Sign Post Foundation Type C Details	STP-1	New 01/15
IIS13_1321_16	Square Tube Sign Post Foundation Type B and C Details	STP-1	New 01/15
IIS13_1321_17	Square Tube Sign Post Foundation Type D and E Details	STP-1	New 01/15
IIS13_1321_18	Square Tube Sign Post Foundation Type F Details	STP-1	New 01/15
IIS13_1321_19	Square Tube Sign Post Sign Bracing and Sign Panel Attachment Details	STP-1	New 01/15
IIS13_1321_20	Square Tube Sign Post Sign Bracing Details	STP-1	New 01/15
IIS13_1321_21	Square Tube Sign Post Mounting Heights of Sign Installations	STP-1	New 01/15
IIS13_1322_10	V A Sign Structures Installation Details	SSP-VA	New 01/15
IIS13_1322_11	V A Sign Structures Installation Details	SSP-VA	New 01/15
IIS13_1322_12	V A Sign Structures Installation Details	SSP-VA	New 01/15
IIS13_1322_13	V A Sign Structures Installation Details	SSP-VA	New 01/15
IIS13_1323_10	Interstate Sign Structure Installation Details	SSP-VI A	New 01/15
IIS13_1323_11	Interstate Sign Structure Installation Details	SSP-VI A	New 01/15
IIS13_1323_12	Interstate Sign Structure Installation Details	SSP-VI A	New 01/15
IIS13_1323_13	Interstate Sign Structure Installation Details	SSP-VI A	New 01/15
IIS13_1323_14	Interstate Sign Structure Installation Details	SSP-VI A	New 01/15
IIS13_1323_15	Interstate Sign Structure Installation Details	SSP-VI A	New 01/15
IIS13_1323_16	Interstate Sign Structure Installation Details	SSP-VI A	New 01/15
IIS13_1325_40	Sign Panel Design	SPD-4	New 01/15
IIS13_1325_41	Sign Panel Design	SPD-4	New 01/15
IIS13_1330_10	Typical Pavement Marking Interchange	PM-1	New 01/15

IIS13_1330_20	Typical Pavement Marking Interchange Lane Drop	PM-2	New 01/15
IIS13_1330_30	Typical Pavement Marking Unsignalized Intersections	PM-3	New 01/15
IIS13_1330_31	Typical Pavement Marking Signalized Intersections	PM-3	New 01/15
IIS13_1330_32	Typical Pavement Marking Signalized Intersections	PM-3	New 01/15
IIS13_1330_33	Typical Pavement Marking Crosswalk Markings	PM-3	New 01/15
IIS13_1330_50	Typical Pavement Marking Left Turn Pavement Marked Median	PM-5	New 01/15
IIS13_1330_51	Typical Pavement Marking Two Way Left-Turn Lane	PM-5	New 01/15
IIS13_1330_60	Typical Pavement Markings Bicycle Lane	PM-6	New 01/15
IIS13_1330_61	Typical Pavement Markings Bicycle Lane and Marked Shared Lane	PM-6	New 01/15
IIS13_1330_70	Typical Pavement Marking Railroad-Highway Grade Crossing	PM-7	New 01/15
IIS13_1330_80	Typical Raised Pavement Marker Location Details	PM-8	New 01/15
IIS13_1330_81	Typical Raised Pavement Marker Location Details	PM-8	New 01/15
IIS13_1330_90	Pavement Marking Location Details	PM-9	New 01/15
IIS13_1340_10	Pavement Word, Symbol, and Arrow Markings Letters and Numerals Details	PM-10	New 01/15
IIS13_1340_11	Pavement Word, Symbol, and Arrow Markings Words Details	PM-10	New 01/15
IIS13_1340_12	Pavement Word, Symbol, and Arrow Markings Square Foot Areas of Symbols and Arrows	PM-10	New 01/15
IIS13_1340_13	Pavement Word, Symbol, and Arrow Markings Arrow Details	PM-10	New 01/15
IIS13_1340_14	Pavement Word, Symbol, and Arrow Markings Arrow Details	PM-10	New 01/15
IIS13_1340_15	Pavement Word, Symbol, and Arrow Markings Arrow Details	PM-10	New 01/15
IIS13_1340_16	Pavement Word, Symbol, and Arrow Markings Symbol Details	PM-10	New 01/15
IIS13_1340_17	Pavement Word, Symbol, and Arrow Markings Symbol Details	PM-10	New 01/15
IIS13_1340_18	Pavement Word, Symbol, and Arrow Markings Symbol Details	PM-10	New 01/15

<u>Number</u>	<u>Title</u>	<u>STD</u>	<u>Date</u>
IIS13_1340_19	Pavement Word, Symbol, and Arrow Markings Symbol Details	PM-10	New 01/15
IIS13_1340_20	Pavement Word, Symbol, and Arrow Markings Square Foot Areas of Route Shield Symbols	PM-10	New 01/15
IIS13_1340_21	Pavement Word, Symbol, and Arrow Markings Route Shield Details	PM-10	New 01/15
IIS13_1340_22	Pavement Word, Symbol, and Arrow Markings Route Shield Details	PM-10	New 01/15
IIS13_1340_23	Pavement Word, Symbol, and Arrow Markings Route Shield Details	PM-10	New 01/15
IIS13_1340_24	Pavement Word, Symbol, and Arrow Markings Route Shield Details	PM-10	New 01/15
IISa47_1	GR-FOA-3 W-BEAM GUARDRAIL INSTALLATION CRITERIA (SHEET 1 OF 3)	N/A	Rev. 01/14
IISa47_2	GR-FOA-3 W-BEAM GUARDRAIL INSTALLATION CRITERIA (SHEET 2 OF 3)	N/A	Rev. 01/14
IISa47_3	GR-FOA-3 W-BEAM GUARDRAIL INSTALLATION CRITERIA (SHEET 3 OF 3)	N/A	Rev. 01/14
IISa73.dgn	TYPICAL METHOD OF INSTALLATION FOR PIPE ON FILL SLOPE	N/A	Rev. 7-01
IISisd2045.dgn	SPECIAL DESIGN CONCRETE SLAB END TREATMENT	N/A	Rev. 10-10-97
IISisd2944.dgn	SINK HOLE DETAILS	N/A	New 11-02
IISisd2945.dgn	MODIFIED PG-2A AND MODIFIED PG-5	N/A	New 11-02