



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.
SECRETARY

August 12, 2005

TO: District Directors of Operations, District Directors of Production, District Design Engineers, District Structures and Facilities Engineers, District Geotechnical Engineers, District Maintenance Engineers, District Construction Engineers, District Structures Design Engineers

FROM: William Nickas, P.E., State Structures Design Engineer

COPIES: Bob Greer, Jeffrey Ger (FHWA), John Harris, Anath Prasad, Duane Brautigam, Sharon Holmes, Robert Robertson, David O'Hagan, Larry Sessions, Larry Jones, Henry Bollmann, Steve Plotkin, Elwin Broome.

SUBJECT: Temporary Design Bulletin C05-10
Sheet Numbering and Sheet Titles in Structural Plans

REQUIREMENTS

Replace Chapter 4 of the January 2005 Structures Detailing Manual with the following:

4.1 Sheet Numbers for Bridges and Walls

Bridge plans are usually a component set of plans and includes walls. Projects with minor bridge work may include these features on sheets in the roadway plan set or detailed on roadway sheets. When prepared as a component set of plans, assemble the drawings as a separate plans set complete with a key sheet and all bridge and wall sheets, including the existing bridge plans. Number the sheets consecutively with the sheet numbers prefixed by the letter and letter/number combinations "B" for common sheets, "B1" for the first bridge, "B2" for the second bridge, "B3" for the third bridge, etc., "BW" sheets, if necessary, for all walls, and ending with the existing bridge plans, "B1E", "B2E", "B3E", etc., if necessary.

Start the sheet numbering with the Key Sheet numbered "B-1". Continue to use the "B" prefix for all sheets with common details to all the bridges including Structures Standard Drawings. Begin the sheet numbering for the first sheet of the first bridge with "B1-1". Continue to use the "B1" prefix for all sheets with details pertaining to the first bridge ("B1-2", "B1-3", etc.). Number the second series of sheets for the next bridge, if included, "B2-1", "B2-2", "B2-3", etc., continuing to use the "B2" prefix for all sheets of the second bridge. Continue incrementing sheet prefix numbers, "B3-1", "B4-1", etc., for each additional bridge included in the plans. To further divide bridge sheets on complex bridge projects, use a Drawing Number box in the upper right hand corner of the sheet (see Section 4.5).

After all the bridge plans, place all the wall drawings (including cast-in-place retaining walls, proprietary wall control plans, temporary walls, and sound barriers) using a "BW" sheet prefix. To further divide wall sheets by wall number or type, use a Drawing Number box in the upper right hand corner of the sheet (see Section 4.5). At the end of the plan set, place all existing

bridge sheets in one PDF file, using the sheet prefix B1E for the first bridge (number sheets sequentially "B1E-1", "B1E-2", etc.) and, if necessary, "B2E" for the second bridge, etc.

Number other miscellaneous structures (signs, signals, lighting, etc) for the appropriate component set (see PPM Volume II, Chapter 2) but place the drawing files in the Structures folder (see CADD Production Criteria Handbook, Chapter 18).

The preferred sheet order along with the file naming conventions and other CADD requirements are shown in the CADD Production Criteria Handbook, Chapter 18. All the sheets given in the Table may not be required in a given set of plans, while, in others, additional sheets may be necessary. The sheet order should correspond to the work sequence.

4.2 Sheet Titles

If more than one sheet is required for a particular sheet type, add sheet numbers in the Sheet Title Block; ex: "General Notes (1 of 2)", "General Notes (2 of 2)".

4.3 Sheet References for Multiple Bridges and/or Structures

The drawings for a specific bridge may refer to other drawings with sheet numbers beginning with the same prefix letter and number or with the letter "B". Do not use reference from one bridge to plan sheets for another bridge (i.e. "B1-XX" sheets should not reference "B2-XX" sheets).

4.4 Sheet Numbers on Projects with Alternate Structure Types

On projects with alternate structure types, designate each alternate for each bridge with a unique number following the "B" prefix (e.g. "B1" and "B2" for bridge 1 alternates; "B3" and "B4" for bridge 2 alternates, etc.). Since the sheet number will no longer correspond to the bridge number, cross reference each alternate with the bridge number in the List of Drawings.

4.5 Construction Sequence

Construction sequence drawings for phased construction or bridge replacement supplement but do not replace Traffic Control Plans. Show systematic construction stages including:

- A. Construction joints.
- B. Critical temporary walls (MSE or sheet pile).
- C. Temporary traffic barriers.
- D. Removal of existing structures.

4.6 Optional Drawing Number Box

When developing complex bridges or multiple wall systems, place an additional Drawing number box on the plans to separate components and help in the development of cross references. Drawing letter/number combinations are assigned at the discretion of the designer and should include prefixes combinations that correspond to the details on the drawing. When used, place the drawing number box in the top right hand corner of the sheet. The information in the Drawing Number box is only used for cross referencing and plan preparation; no data from

the box will be used in the electronic Delivery process. For drawing letter/number combination suggestions, see the CADD Production Criteria Handbook, Chapter 18. Optional Drawing Number Box is required on all bascule bridges or bridges with multiple wall types. For projects with alternate designs, follow the Drawing Number with the alternate designation (e.g. Drawing No.: 45, Alt. B).

Replace the Standard File Name Table in Chapter 18 of the CADD Production Criteria Handbook with the following:

ARCHIVED

Structures Plans Naming and Numbering Convention

Sheet Order	File Name	Sheet Title	Sheet Prefix	Drawing Prefix*	EDMS Document Type
1	BCoverSheetxx.dgn	Cover Sheet	B-01		Key Sheet
2	BKeySheetxx.dgn	Bridge Key Sheet	B-xx		Key Sheet
3	Blndexxx.dgn	Index of Sheets	B-xx		Gen. Notes, Index of Bridge Sheets, Bid Item Notes
4		Structures (Project) Std. Drawings	B-xx		Standard Drawings
5	BXGeneralNotesxx.dgn	General Notes	BX-xx		Gen. Notes, Index of Bridge Sheets, Bid Item Notes
6	BXPlanelevxx.dgn	Plan and Elevation	B1-xx,B2-xx, ...		Plan and Elevation
7	BXVertCurveSuperELxx.dgn	Profile Grade & SE Transition	B1-xx,B2-xx, ...		Plan and Elevation
8	BXCESStructuresxx.dgn	Summary of Pay Items Sheet	B1-xx,B2-xx, ...		Gen. Notes, Index of Bridge Sheets, Bid Item Notes
9	BXBridgeHydroxx.dgn	Bridge Hydraulic Recommendations	B1-xx,B2-xx, ...		Bridge Hydraulic Recommendation Sheet
10	BXConstNotesxx.dgn	Construction Notes	B1-xx,B2-xx, ...		Miscellaneous Details
11	BXConstDetxx.dgn	Construction Details	B1-xx,B2-xx, ...		Miscellaneous Details
12	BXConstSeqxx.dgn	Construction Sequence	B1-xx,B2-xx, ...		Miscellaneous Details
13	BXRemoveExistxx.dgn	Removal of Existing Structures	B1-xx,B2-xx, ...		Miscellaneous Details
14	BXCPTSoundxx.dgn	CPT Soundings	B1-xx,B2-xx, ...		Miscellaneous Details
15	BXBoringsxx.dgn	Foundation Investigation (Borings)	B1-xx,B2-xx, ...		Report of Core Borings
16	BXFoundl_ayxx.dgn	Foundation Layout	B1-xx,B2-xx, ...		Foundation Layout
17	BXPileDataxx.dgn	Pile Data Table	B1-xx,B2-xx, ...		Foundation Layout
18	BXPileDetxx.dgn	Pile Details	B1-xx,B2-xx, ...		Foundation Layout
19	BXDriIlShaftxx.dgn	Drilled Shaft Pier	B1-xx,B2-xx, ...		Intermediate Bents or Piers
20	BXDriIlShaftDetxx.dgn	Drilled Shaft Details	B1-xx,B2-xx, ...		Intermediate Bents or Piers
21	BXFootingxx.dgn	Footing	B1-xx,B2-xx, ...		Intermediate Bents or Piers
22	BXFootingDetxx.dgn	Footing Details	B1-xx,B2-xx, ...		Intermediate Bents or Piers
23	BXIntBentxx.dgn	Intermediate Bent	B1-xx,B2-xx, ...		Intermediate Bents or Piers
24	BXIntBentDetxx.dgn	Intermediate Bent Details	B1-xx,B2-xx, ...		Intermediate Bents or Piers
25	BXPierxx.dgn	Pier	B1-xx,B2-xx, ...		Intermediate Bents or Piers
26	BXPierDetxx.dgn	Pier Details	B1-xx,B2-xx, ...		Intermediate Bents or Piers
27	BXEndBentxx.dgn	End Bent	B1-xx,B2-xx, ...		End Bents Details
28	BXEndBentDetxx.dgn	End Bent Details	B1-xx,B2-xx, ...		End Bents Details
29	BXBeamLayxx.dgn	Beam Layout	B1-xx,B2-xx, ...		Superstructure Sheets

Structures Plans Naming Convention

Sheet Order	File Name	Sheet Title	Sheet Prefix	Drawing Prefix*	EDMS Document Type
30	BXBeamLayBulbTxx.dgn	Bulb-T Beam Layout	B1-xx, B2-xx, ...		Superstructure Sheets
31	BXBeamLayInvTxx.dgn	Inverted T Beam Layout	B1-xx, B2-xx, ...		Superstructure Sheets
32	BXBeamLayTxx.dgn	T Beam Layout	B1-xx, B2-xx, ...		Superstructure Sheets
33	BXPresSlabxx.dgn	Prestressed Slab Units	B1-xx, B2-xx, ...		Superstructure Sheets
34	BXBridgesSectionxx.dgn	Section through bridge	B1-xx, B2-xx, ...		Superstructure Sheets
35	BXTypicalSectionxx.dgn	Typical Section Through Bridge Deck	B1-xx, B2-xx, ...		Superstructure Sheets
36	BXFinishGrELxx.dgn	Finish Grade Elevations	B1-xx, B2-xx, ...		Superstructure Sheets
37	BXCamberxx.dgn	Camber Diagrams	B1-xx, B2-xx, ...		Superstructure Sheets
38	BXFramingPlanxx.dgn	Framing Plan	B1-xx, B2-xx, ...		Superstructure Sheets
39	BXSuperstxx.dgn	Superstructure	B1-xx, B2-xx, ...		Superstructure Sheets
40	BXSuperstDetxx.dgn	Superstructure Details	B1-xx, B2-xx, ...		Superstructure Sheets
41	BXClosureJointxx.dgn	Closure Joint Details	B1-xx, B2-xx, ...		Beam Sheets
42	BXCrossFrameDetxx.dgn	Cross Frame Details	B1-xx, B2-xx, ...		Beam Sheets
43	BXDiaPhragmDetxx.dgn	Diaphragm Details	B1-xx, B2-xx, ...		Beam Sheets
44	BXErectSeqxx.dgn	Erection Sequence	B1-xx, B2-xx, ...		Beam Sheets
45	BXErectProcedxx.dgn	Erection Procedure for Launching Girder	B1-xx, B2-xx, ...		Beam Sheets
46	BXFieldSplicexx.dgn	Bolted Field Splice	B1-xx, B2-xx, ...		Beam Sheets
47	BXSpliceDetxx.dgn	Bolted Field Splice Details	B1-xx, B2-xx, ...		Beam Sheets
48	BXFloorBeamxx.dgn	Floor Beams	B1-xx, B2-xx, ...		Beam Sheets
49	BXSteelGirderxx.dgn	Steel Girder	B1-xx, B2-xx, ...		Beam Sheets
50	BXSteelDetxx.dgn	Steel Girder Details	B1-xx, B2-xx, ...		Beam Sheets
51	BXSStiffenerxx.dgn	Stiffener Details	B1-xx, B2-xx, ...		Beam Sheets
52	BXBearingDetxx.dgn	Bearing Details"	B1-xx, B2-xx, ...		Superstructure Sheets
53	BXBearingPadsxx.dgn	Neoprene Bearing Pads	B1-xx, B2-xx, ...		Superstructure Sheets

* - Optional

Structures Plans Naming Convention

Sheet Order	File Name	Sheet Title	Sheet Prefix	Drawing Prefix*	EDMS Document Type
54	BX BearingPlatesxx.dgn	Beveled Bearing Plates	B1-xx, B2-xx, ...		Superstructure Sheets
55	BX PotBearingxx.dgn	Pot Bearing Details	B1-xx, B2-xx, ...		Superstructure Sheets
56	BX JackingDetxx.dgn	Jacking Details	B1-xx, B2-xx, ...		Superstructure Sheets
57	BX ExpJointDetxx.dgn	Expansion Joint Details	B1-xx, B2-xx, ...		Superstructure Sheets
58	BX SlidingPlatexx.dgn	Barrier Sliding Plate Assembly	B1-xx, B2-xx, ...		Superstructure Sheets
59	BX ReinSegxx.dgn	Reinforcing Segments	B1-xx, B2-xx, ...		Superstructure Sheets
60	BX ReinPierSegxx.dgn	Reinforcing in Pier Segments	B1-xx, B2-xx, ...		Superstructure Sheets
61	BX ReinAbutSegxx.dgn	Reinforcing in Abutment Segments	B1-xx, B2-xx, ...		Superstructure Sheets
62	BX SegLayoutxx.dgn	Segment Layout	B1-xx, B2-xx, ...		Superstructure Sheets
63	BX SegDimAbutxx.dgn	Abutment Segment Dimensions	B1-xx, B2-xx, ...		Superstructure Sheets
64	BX SegDimBoxxx.dgn	Precast Box Segment Dimensions	B1-xx, B2-xx, ...		Superstructure Sheets
65	BX SegDimCapxx.dgn	Pier Cap Segment Dimensions	B1-xx, B2-xx, ...		Superstructure Sheets
66	BX SegDimPierxx.dgn	Pier Segment Dimensions	B1-xx, B2-xx, ...		Superstructure Sheets
67	BX ContinuityTendxx.dgn	Continuity Tendon	B1-xx, B2-xx, ...		Superstructure Sheets
68	BX FuturePTLayxx.dgn	Future Post-Tensioning Layout	B1-xx, B2-xx, ...		Superstructure Sheets
69	BX LongPTxx.dgn	Longitudinal Post-Tensioning	B1-xx, B2-xx, ...		Superstructure Sheets
70	BX PierPTDetxx.dgn	Precast Box Pier Post-Tensioning Details	B1-xx, B2-xx, ...		Superstructure Sheets
71	BX PTDetxx.dgn	Post-Tensioning Details	B1-xx, B2-xx, ...		Superstructure Sheets
72	BX PTQuantitiesxx.dgn	Post-Tensioning Quantities	B1-xx, B2-xx, ...		Superstructure Sheets
73	BX TendonCurveDetxx.dgn	Tendon Curvature Details	B1-xx, B2-xx, ...		Superstructure Sheets
74	BX TransPTPierxx.dgn	Pier Transverse Post-Tensioning	B1-xx, B2-xx, ...		Superstructure Sheets
75	BX TransPTAbutxx.dgn	Abutment Transverse Post-Tensioning	B1-xx, B2-xx, ...		Superstructure Sheets
76	BX TransTendonDetxx.dgn	Transverse Tendon Details	B1-xx, B2-xx, ...		Superstructure Sheets
77	BX ApproachSlabxx.dgn	Approach Slab	B1-xx, B2-xx, ...		Miscellaneous Details

* - Optional

Structures Plans Naming Convention

Sheet Order	File Name	Sheet Title	Sheet Prefix	Drawing Prefix*	EDMS Document Type
78	BXConduitDetxx.dgn	Utility Conduit Details	B1-xx,B2-xx, ...		Miscellaneous Details
79	BXJunctionBoxxxx.dgn	Junction Box	B1-xx,B2-xx, ...		Miscellaneous Details
80	BXDrainDetxx.dgn	Drain Details	B1-xx,B2-xx, ...		Miscellaneous Details
81	BXLadderDetxx.dgn	Ladder Details	B1-xx,B2-xx, ...		Miscellaneous Details
82	BXMiscDetxx.dgn	Miscellaneous Details	B1-xx,B2-xx, ...		Miscellaneous Details
83	BXSidewalkDetxx.dgn	Sidewalk Details	B1-xx,B2-xx, ...		Miscellaneous Details
84	BXSurfaceFinishxx.dgn	Surface Finish Details	B1-xx,B2-xx, ...		Miscellaneous Details
85	BXFendersSystemxx.dgn	Fender System	B1-xx,B2-xx, ...		Miscellaneous Details
86	BXFenderDetxx.dgn	Fender Details	B1-xx,B2-xx, ...		Miscellaneous Details
87	BXRiprapRubblexx.dgn	Rubble Riprap	B1-xx,B2-xx, ...		Miscellaneous Details
88	BXScourPlanxx.dgn	Plan View of Scour Protection	B1-xx,B2-xx, ...	SP-xx	Miscellaneous Details
89	BXBotContourMapxx.dgn	Bottom Contour Map	B1-xx,B2-xx, ...	SP-xx	Miscellaneous Details
90	BXScourProfxx.dgn	Profile of Scour Protection	B1-xx,B2-xx, ...	SP-xx	Miscellaneous Details
91	BXScourDetailxx.dgn	Scour Protection Details	B1-xx,B2-xx, ...	SP-xx	Miscellaneous Details
92	BXRiprapSandxx.dgn	Sand Cement Riprap	B1-xx,B2-xx, ...	SP-xx	Miscellaneous Details
93	BXBaileyBridgexx.dgn	Temporary Bridge Details	B1-xx,B2-xx, ...		Miscellaneous Details
94	BXAccessOpenxx.dgn	Access Opening	B1-xx,B2-xx, ...		Miscellaneous Details
95	BXMaintLightxx.dgn	Maintenance Lighting Plan	B1-xx,B2-xx, ...		Miscellaneous Details
96	BXMaintLightDet.dgn	Maintenance Lighting Details	B1-xx,B2-xx, ...		Miscellaneous Details
97	BXHandrailxx.dgn	Handrail	B1-xx,B2-xx, ...		Miscellaneous Details
98	BXCompTestSetupxx.dgn	Compression Test Setup	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
99	BXDrillShaftLT123xx.dgn	Drilled Shaft Load Test Sites	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
100	BXLTSumDrillShaftxx.dgn	Drilled Shaft Load Test Program Summary	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
101	BXInstruDetxx.dgn	Instrumentation Details	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
102	BXLateralLTxx.dgn	Lateral Load Test Details	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details

* - Optional

Structures Plans Naming Convention

Sheet Order	File Name	Sheet Title	Sheet Prefix	Drawing Prefix*	EDMS Document Type
103	BXLTFramexx.dgn	Load Test Frame Configuration	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
104	BXLTrbraceDetxx.dgn	Load Test Reaction Girder Bracing Details	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
105	BXLTGirderDetxx.dgn	Load Test Reaction Girder Details	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
106	BXOsterbergCell3000xx.dgn	Osterberg Cell 3000 ton Load Testing Device	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
107	BXLTSumPilexx.dgn	Pile Load Test Program Summary	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
108	BXPlatformDetxx.dgn	Service Platform Deck and Frame Details	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
109	BXStatarnicLTxx.dgn	Statarnic Load Test Details	B1-xx,B2-xx, ...	LT-xx	Miscellaneous Details
110	BXRebarListxx.dgn	Reinforcing Bar List	B1-xx,B2-xx, ...	BP-xx	Reinforcing Bar List
111	BXBP-Notesxx.dgn	Bascule Pier Notes	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
112	BXBP-Planxx.dgn	Bascule Pier Plan	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
113	BXBP-Elevationsxx.dgn	Bascule Pier Elevations	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
114	BXBP-Sectionsxx.dgn	Bascule Pier Sections	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
115	BXBP-StlFramingxx.dgn	Bascule Pier Steel Framing	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
116	BXBP-Detailsxx.dgn	Bascule Pier Details	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
117	BXBP-Miscxx.dgn	Bascule Pier Miscellaneous	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
118	BXBP-Quantitiesxx.dgn	Bascule Pier Quantities	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
119	BXBP-Reinforcingxx.dgn	Bascule Pier Reinforcing	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
120	BXBP-BarListxx.dgn	Bascule Pier Bar Lists	B1-xx,B2-xx, ...	BP-xx	Movable Bridge - Structural
121	BXRP-Notesxx.dgn	Rest Pier Notes	B1-xx,B2-xx, ...	RP-xx	Movable Bridge - Structural
122	BXRP-Planxx.dgn	Rest Pier Plan	B1-xx,B2-xx, ...	RP-xx	Movable Bridge - Structural
123	BXRP-Elevationsxx.dgn	Rest Pier Elevations	B1-xx,B2-xx, ...	RP-xx	Movable Bridge - Structural
124	BXRP-Sectionsxx.dgn	Rest Pier Sections	B1-xx,B2-xx, ...	RP-xx	Movable Bridge - Structural
125	BXRP-StlFramingxx.dgn	Rest Pier Steel Framing	B1-xx,B2-xx, ...	RP-xx	Movable Bridge - Structural
126	BXRP-Detailsxx.dgn	Rest Pier Details	B1-xx,B2-xx, ...	RP-xx	Movable Bridge - Structural

* - Optional

Structures Plans Naming Convention

Sheet Order	File Name	Sheet Title	Sheet Prefix	Drawing Prefix*	EDMS Document Type
127	BXRP-Miscxx.dgn	Rest Pier Miscellaneous	B1-xx, B2-xx, ...	RP-xx	Movable Bridge - Structural
128	BXRP-Quantitiesxx.dgn	Rest Pier Quantities	B1-xx, B2-xx, ...	RP-xx	Movable Bridge - Structural
129	BXRP-Reinforcingxx.dgn	Rest Pier Reinforcing	B1-xx, B2-xx, ...	RP-xx	Movable Bridge - Structural
130	BXRP-Barlistxx.dgn	Rest Pier Bar Lists	B1-xx, B2-xx, ...	RP-xx	Movable Bridge - Structural
131	BXBL-Notesxx.dgn	Bascule Leaf Notes	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
132	BXBL-SpanLockPlanxx.dgn	Bascule Leaf Span Lock Plan	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
133	BXBL-Sectionsxx.dgn	Bascule Leaf Sections	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
134	BXBL-ClearDiagramxx.dgn	Bascule Leaf Clearance Diagram	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
135	BXBL-ForceDiagramxx.dgn	Bascule Leaf Force Diagram	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
136	BXBL-FramePlanxx.dgn	Bascule Leaf Framing Plan	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
137	BXBL-Girdersxx.dgn	Bascule Leaf Main Girders	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
138	BXBL-FloorBeamsxx.dgn	Bascule Leaf Floor Beams	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
139	BXBL-Stringssxx.dgn	Bascule Leaf Stringers	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
140	BXBL-Bracingxx.dgn	Bascule Leaf Bracing	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
141	BXBL-CantBracketxx.dgn	Bascule Leaf Cantilever Bracket	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
142	BXBL-TrunGirdersxx.dgn	Bascule Leaf Trunnion Girder	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
143	BXBL-CounterWeightxx.dgn	Bascule Leaf Counter Weight	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
144	BXBL-CnttWghtGirdersxx.dgn	Bascule Leaf Counter Weight Girder	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
145	BXBL-Deckxx.dgn	Bascule Leaf Deck	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
146	BXBL-Detailsxx.dgn	Bascule Leaf Misc. Details	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
147	BXBL-JointAssemblyxx.dgn	Bascule Leaf Joint Assemblies	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
148	BXBL-SideWalkxx.dgn	Bascule Leaf Sidewalk	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
149	BXBL-TraffRailxx.dgn	Bascule Leaf Traffic Railing	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
150	BXBL-PedRailxx.dgn	Bascule Leaf Pedestrian Railing	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural
151	BXBL-AccPlatformsxx.dgn	Bascule Leaf Access Platforms	B1-xx, B2-xx, ...	BL-xx	Movable Bridge - Structural

* - Optional

Structures Plans Naming Convention

Sheet Order	File Name	Sheet Title	Sheet Prefix	Drawing Prefix*	EDMS Document Type
152	BXMechNotesxx.dgn	Mechanical Notes	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
153	BXMechPlanxx.dgn	Mechanical Plan	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
154	BXMechElevxx.dgn	Mechanical Elevation	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
156	BXMechDetxx.dgn	Mechanical Details	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
157	BXMiscMechDetxx.dgn	Miscellaneous Mechanical Details	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
158	BXPinionDetxx.dgn	Pinion Details	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
159	BXTrunAssemxx.dgn	Trunnion Assembly	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
160	BXTrunDetxx.dgn	Trunnion Details	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
161	BXDriveAssemxx.dgn	Drive Assembly	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
162	BXGateAssemxx.dgn	Gate Assembly	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
163	BXHydraNotexx.dgn	Hydraulic Notes	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
164	BXHydraCylDetxx.dgn	Hydraulic Cylinder Details	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
165	BXHydraSchemxx.dgn	Hydraulic Schematic	B1-xx,B2-xx, ...	BM-xx	Movable Bridge - Mechanical
166	BXElecNotesxx.dgn	Electric Notes	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
167	BXCommLayoutxx.dgn	Communications Layout	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
168	BXConduitRiserxx.dgn	Conduit Riser	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
169	BXControlDeskxx.dgn	Control Desk	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
170	BXGeneratorDetxx.dgn	Generator Details	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
171	BXGroundingxx.dgn	Grounding and Lighting Protection	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
172	BXIOpointsxx.dgn	Input Output Points, PLC	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
173	BXLadderLogicxx.dgn	Ladder Logic, PLC	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
174	BXPanelBoardSchxx.dgn	Panel Board Schedule	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
175	BXSingleLinexx.dgn	Single Line Diagram	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
176	BXSubCableDetxx.dgn	Submarine Cable Details	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
177	BXSurgeSupxx.dgn	Surge Suppression Details	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical

* - Optional

Structures Plans Naming Convention

Sheet Order	File Name	Sheet Title	Sheet Prefix	Drawing Prefix*	EDMS Document Type
178	BXMiscElecDetxx.dgn	Miscellaneous Electrical Details	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
179	BXLegendxx.dgn	Symbol Legend	B1-xx,B2-xx, ...	BE-xx	Movable Bridge - Electrical
180	BXNavLightDetxx.dgn	Navigation Lighting System Details	B1-xx,B2-xx, ...	BE-xx	Miscellaneous Details
181	BXTowerDetxx.dgn	Control Tower Details	B1-xx,B2-xx, ...	BT-xx	Miscellaneous Details
182	BXTowerLightingxx.dgn	Control Tower Lighting	B1-xx,B2-xx, ...	BT-xx	Miscellaneous Details
183	BXTowerLayoutxx.dgn	Tower, Lighting and Pier Layout	B1-xx,B2-xx, ...	BT-xx	Miscellaneous Details
184	BXPlumbingxx.dgn	Plumbing	B1-xx,B2-xx, ...	BT-xx	Miscellaneous Details
185	BXWorkIDxx.dgn	Work Identification Sheet	B1-xx,B2-xx, ...	BT-xx	Miscellaneous Details
186	BXSitePlanxx.dgn	Site Plan for Rest Area	B1-xx,B2-xx, ...	BT-xx	Miscellaneous Details
187	BXCatwalkDetxx.dgn	Catwalk Details	B1-xx,B2-xx, ...	BT-xx	Miscellaneous Details
188	BXExistingPlansxx.dgn	Existing Bridge Plans	BE-xx	EB-xx	Existing Bridge Sheets
189	BXWallControlxx.dgn	Wall Control Drawing	BW-xx	W1-xx,W2-xx, ...	Retaining Wall Sheets
190	BXBulkheadxx.dgn	Bulkhead	BW-xx	W1-xx,W2-xx, ...	Retaining Wall Sheets
191	BXBulkheadDetxx.dgn	Bulkhead Details	BW-xx	W1-xx,W2-xx, ...	Retaining Wall Sheets
192	BXCrashWallxx.dgn	Crash Wall	BW-xx	W1-xx,W2-xx, ...	Retaining Wall Sheets
193	BXMSEWallxx.dgn	MSE Wall	BW-xx	W1-xx,W2-xx, ...	Retaining Wall Sheets
194	BXRetaiingWallxx.dgn	Retaining Wall	BW-xx	W1-xx,W2-xx, ...	Retaining Wall Sheets
195	BXSheetPileWalkxx.dgn	Sheet Pile Retaining Wall	BW-xx	W1-xx,W2-xx, ...	Retaining Wall Sheets
196	BXSheetPileWallSTxx.dgn	Steel Sheet Pile Retaining Wall	BW-xx	W1-xx,W2-xx, ...	Retaining Wall Sheets
197	BXSheetPileWallConcxx.dgn	Concrete Sheet Pile Retaining Wall	BW-xx	W1-xx,W2-xx, ...	Retaining Wall Sheets
198/Rdwy	SoundBarriersxx.dgn	Sound Barriers	BW-xx / none	SB1-xx, SB2-xx	
199/Rdwy	CulvertDetxx.dgn	Culvert Details	Bx-xx / none		
200/Rdwy	BXMiscStrxx.dgn	varies	Bx-xx / none		
	Preliminaryxx.dgn	Preliminary Plan and Elevation			

* - Optional

COMMENTARY

The letter "B" was chosen for Structures Plans sheet numbering because the letter "S" is already used for Signing and Pavement Marking Plans.

BACKGROUND

A revised sheet numbering policy for Electronic Delivery of Structures Plans is required in order to be consistent with other disciplines. Also, to index plans sets effectively in the Department's Electronic Database Management System (EDMS), plans sheets need consistent Sheet Names with corresponding EDMS Document Types as defined in the Table.

IMPLEMENTATION

Mandatory for all projects let beginning in July 2006, highly recommended for all projects let prior to July 2006.

CONTACT

David C. O'Hagan, PE
Assistant State Structures Design Engineer
(850) 414-4283
david.ohagan@dot.state.fl.us

WNN/DOH