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APPROACH SLAB
Revised: July 2002

FILE NAME	DESCRIPTION	PAGE
apn1m_la_i	Approach Slab with new safety barrier curb, Left Advance Integral End Bent	APN 1M
apn2m_la_n	Approach Slab with new safety barrier curb, Left Advance Non-integral End Bent	APN 2M
apn3m_ra_i	Approach Slab with new safety barrier curb, Right Advance Integral End Bent	APN 3M
apn4m_ra_n	Approach Slab with new safety barrier curb, Right Advance Non-integral End Bent	APN 4M
apn5m_sq_i	Approach Slab with new safety barrier curb, Square Integral End Bent	APN 5M
apn6m_sq_n	Approach Slab with new safety barrier curb, Square Non-integral End Bent	APN 6M

BARRIER CURB
Revised: July 2002

FILE NAME	DESCRIPTION	PAGE
ban1m_elev_r	Cast-in-Place Barrier Curb elevation with rustication & waterstop	BAN 1M
ban2m_elev_nr	Cast-in-Place Barrier Curb elevation without rustication	BAN 2M
ban4m_end_i	Cast-in-Place Barrier Curb endpost for integral end bent	BAN 4M
ban4m_end_i	Cast-in-Place Barrier Curb endpost for integral end bent with large skew	BAN 4MA
ban5m_end_ni	Cast-in-Place Barrier Curb endpost for non-integral end bent	BAN 5M
ban6m_end_semid	Cast-in-Place Barrier Curb endpost for semi-deep abutments	BAN 6M
ban7m_elev_dblt	Cast-in-Place Barrier Curb elevation for double-tee girder with rustication & waterstop	BAN 7M
ban8m_slip_r_i	Slip Form Barrier Curb with rustication and integral end bents	BAN 8M
ban9m_slip_nr_i	Slip Form Barrier Curb without rustication and integral end bents	BAN 9M
ban10m_slip_r_semid	Slip Form Barrier Curb with rustication and semi-deep abutments	BAN 10M
ban11m_end_ccslab	Cast-in-Place Barrier Curb endpost for continuous concrete slab bridge	BAN 11M
ban12m_slip_r_ni	Slip Form Barrier Curb with rustication and non-integral end bents	BAN 12M
ban13m_slip_nr_ni	Slip Form Barrier Curb without rustication and non-integral end bents	BAN 13M
ban14m_slip_nr_semid	Slip Form Barrier Curb without rustication and semi-deep abutments	BAN 14M

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BEARINGS
Revised: May 2002

FILE NAME	DESCRIPTION	PAGE
brg1m_typec_stl	Type "C" Bearings for steel girders and stringers	BRG 1M
brg2m_typed_stl	Type "D" Bearings for steel girders	BRG 2M
brg3m_typee_stl	Type "E" Bearings for steel girders	BRG 3M
brg4m_ptfe_psi_2stp	Type "N" PTFE Bearings for prestressed girders (Expansion with 2-stopper plates)	BRG 4M
brg5m_ptfe_psi_4stp	Type "N" PTFE Bearings for prestressed girders (Expansion with 4-stopper plates)	BRG 5M
brg6m_ptfe_stl_2stp	Type "N" PTFE Bearings for steel girders (Expansion with 2-stopper plates)	BRG 6M
brg7m_ptfe_stl_4stp	Type "N" PTFE Bearings for steel girders (Expansion with 4-stopper plates)	BRG 7M
brg8m_neo_stl_fix	Laminated Neoprene Bearings for steel girders (Fixed)	BRG 8M
brg9m_neo_psi_exp	Laminated Neoprene Bearings for prestressed girders (Expansion)	BRG 9M
brg10m_neo_stl_fix_exp	Laminated Neoprene Bearings for steel girders (Fixed & Expansion)	BRG10M

BOX CULVERTS
Revised: July 2002

FILE NAME	DESCRIPTION	PAGE
box_dbl_tri_std.dgn.	A standard file: All reference files for double and triple box culverts are included in this file.	
box01m_dbl_sq_str	Reference files: Double Box Culvert with straight wings - Square	BOX 1M
box02m_dbl_la_str	Reference files: Double Box Culvert with straight wings - Left advance	BOX 2M
box03m_dbl_ra_str	Reference files: Double Box Culvert with straight wings - Right advance	BOX 3M
box04m_dbl_sq_fla	Reference files: Double Box Culvert with flared wings - Square	BOX 4M
box05m_dbl_la_fla	Reference files: Double Box Culvert with flared wings - Left advance	BOX 5M
box06m_dbl_ra_fla	Reference files: Double Box Culvert with flared wings - Right advance	BOX 6M
box07m_tri_sq_str	Reference files: Triple Box Culvert with straight wings - Square	BOX 7M
box08m_tri_la_str	Reference files: Triple Box Culvert with straight wings - Left advance	BOX 8M
box09m_tri_ra_str	Reference files: Triple Box Culvert with straight wings - Right advance	BOX 9M
box10m_tri_sq_fla	Reference files: Triple Box Culvert with flared wings - Square	BOX10M
box11m_tri_la_fla	Reference files: Triple Box Culvert with flared wings - Left advance	BOX11M
box12m_tri_ra_fla	Reference files: Triple Box Culvert with flared wings - Right advance	BOX12M
box_guard_rail.dgn	A file includes 2 reference files for roadway guardrail post on box culverts.	
box13m_guard_rail	Reference file: guard rail for top slab greater than 9”- Resin Anchor System	BOX13M
box14m_guard_rail	Reference file: guard rail for top slab less than 9”- bolts thru slab with bottom plate	BOX14M

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PREFORMED COMPRESSION JOINT SEAL EXPANSION DEVICE

Revised: 02-2001

FILE NAME	DESCRIPTION	PAGE
cjs_la_ra_std.dgn	A standard file: All reference files for skewed structures are included in this file.	
la_psi_cip_e	Reference files: Left Advance for P/S Í-girder at end bent - CIP Slab	CJS 1M
la_psi_pcp_e	Reference files: Left Advance for P/S Í-girder at end bent - PCP Slab	CJS 2M
la_stl_cip_e	Reference files: Left Advance for steel girder at end bent - CIP Slab	CJS 3M
la_stl_pcp_e	Reference files: Left Advance for steel girder at end bent - PCP Slab	CJS 4M
la_stl_cip_I	Reference files: Left Advance for steel girder at Int. bent - CIP Slab	CJS 5M
la_stl_pcp_I	Reference files: Left Advance for steel girder at Int. bent - PCP Slab	CJS 6M
ra_psi_cip_e	Reference files: Right Advance for P/S Í-girder at end bent - CIP Slab	CJS 7M
ra_psi_pcp_e	Reference files: Right Advance for P/S Í-girder at end bent - PCP Slab	CJS 8M
ra_stl_cip_e	Reference files: Right Advance for steel girder at end bent - CIP Slab	CJS 9M
ra_stl_pcp_e	Reference files: Right Advance for steel girder at end bent - PCP Slab	CJS 10M
ra_stl_cip_I	Reference files: Right Advance for steel girder at Int. bent - CIP Slab	CJS 11M
ra_stl_pcp_I	Reference files: Right Advance for steel girder at Int. bent - PCP Slab	CJS 12M
cjs_sq_std.dgn	A standard file: All reference files for square structures are included in this file.	
sq_psi_cip_e	Reference files: Square for P/S Í-girder at end bent - CIP Slab	CJS 13M
sq_psi_pcp_e	Reference files: Square for P/S Í-girder at end bent - PCP Slab	CJS 14M
sq_stl_cip_e	Reference files: Square for steel girder at Int. bent - CIP Slab	CJS 15M
sq_stl_pcp_e	Reference files: Square for steel girder at Int. bent - PCP Slab	CJS 16M
sq_stl_cip_I	Reference files: Square for steel girder at end bent - CIP Slab	CJS 17M
sq_stl_pcp_I	Reference files: Square for steel girder at end bent - PCP Slab	CJS 18M

DEADMAN ANCHOR SYSTEM

Revised: 02-2001

FILE NAME	DESCRIPTION	PAGE
dms1m_deadman	Deadman anchorage system for non-integral end bents	DMS 1M

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DIAPHRAGMS
Revised: 05-2001

FILE NAME	DESCRIPTION	PAGE
dia1m_wf_str_cip	Diaphragms (Steel) for wide flange stringer - CIP Slab	DIA 1M
dia2m_wf_str_pcp	Diaphragms (Steel) for wide flange stringer - PCP Slab	DIA 2M
dia3m_psi_sk_cip	Diaphragms (Steel) for skewed P/S Conc. Í-girders - CIP Slab	DIA 3M
dia4m_psi_sk_pcp	Diaphragms (Steel) for skewed P/S Conc. Í-girders - PCP Slab	DIA 4M
dia5m_psi_sq_cip	Diaphragms (Steel) for square P/S Conc. Í-girders - CIP Slab	DIA 5M
dia6m_psi_sq_pcp	Diaphragms (Steel) for square P/S Conc. Í-girders - PCP Slab	DIA 6M
dia7m_pg_1200_cip	Diaphragms (Steel) without diagonal bracings for plate girders - CIP Slab	DIA 7M
dia8m_pg_1200_pcp	Diaphragms (Steel) without diagonal bracings for plate girders - PCP Slab	DIA 8M
dia9m_pg_1300_cip	Diaphragms (Steel) with diagonal bracings for plate girders - CIP Slab	DIA 9M
dia10m_pg_1300_pcp	Diaphragms (Steel) with diagonal bracings for plate girders - PCP Slab	DIA 10M
dia11m_psbt_sq_pcp	Diaphragms (Steel) for square P/S Conc. Bulb-tee girders - PCP Slab	DIA 11M
dia12m_psbt_sk_pcp	Diaphragms (Steel) for skewed P/S Conc. Bulb-tee girders - PCP Slab	DIA 12M

DRAINS
Revised: 06-2002

FILE NAME	DESCRIPTION	PAGE
dra1m_vert_i	Vertical Drain at Integral Pile Cap End Bent	DRA 1M
dra2m_vert_ni	Vertical Drain at Non-Integral Pile Cap End Bent	DRA 2M
dra3m_slab_psi	Slab Drain for P/S Concrete I-Girder - PCP Slab	DRA 3M
dra4m_slab_psbt_str	Slab Drain for P/S Concrete Bulb-Tee Girder (Straight) - PCP Slab	DRA 4M
dra5m_slab_psbt_angle	Slab Drain for P/S Concrete Bulb-Tee Girder (Angle) - PCP Slab	DRA 5M
dra6m_slab_stl	Slab Drain for Steel Girder or Stringer - PCP Slab	DRA 6M
dra7m_slab_vslab	Slab Drain for Solid or Voided Slab Bridges	DRA 7M
dra8m_vert_midwing	Vertical Drain at Integral Pile Cap End Bent with Intermediate wing	DRA 8M

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FINGER PLATE EXPANSION DEVICE

Revised: 03-2002

FILE NAME	DESCRIPTION	PAGE
fin_m_la_ra_sq_std.dgn	A standard file: all reference files for skewed and square structures are included in this file.	
fin01m_la_psi_stl_int_cip	Reference file: Left Advance - Prestressed to steel at intermediate bent - CIP Slab	FIN 1M
fin02m_la_psi_stl_int_pcp	Reference file: Left Advance - Prestressed to steel at intermediate bent - PCP Slab	FIN 2M
fin03m_la_psi_end_cip	Reference file: Left Advance - P/S I-girder at end bent - CIP Slab	FIN 3M
fin04m_la_psi_end_pcp	Reference file: Left Advance - P/S I-girder at end bent - PCP Slab	FIN 4M
fin05m_la_psi_int_cip	Reference file: Left Advance - P/S I-girder at intermediate bent - CIP Slab	FIN 5M
fin06m_la_psi_int_pcp	Reference file: Left Advance - P/S I-girder at intermediate bent - PCP Slab	FIN 6M
fin07m_la_stl_end_cip	Reference file: Left Advance - Steel girder at end bent - CIP Slab	FIN 7M
fin08m_la_stl_end_pcp	Reference file: Left Advance - Steel girder at end bent - PCP Slab	FIN 8M
fin09m_la_stl_int_cip	Reference file: Left Advance - Steel girder at intermediate bent - CIP Slab	FIN 9M
fin10m_la_stl_int_pcp	Reference file: Left Advance - Steel girder at intermediate bent - PCP Slab	FIN 10M
fin11m_ra_psi_stl_int_cip	Reference file: Right Advance - Prestressed to steel at intermediate bent - CIP Slab	FIN 11M
fin12m_ra_psi_stl_int_pcp	Reference file: Right Advance - Prestressed to steel at intermediate bent - PCP Slab	FIN 12M
fin13m_ra_psi_end_cip	Reference file: Right Advance - P/S I-girder at end bent - CIP Slab	FIN 13M
fin14m_ra_psi_end_pcp	Reference file: Right Advance - P/S I-girder at end bent - PCP Slab	FIN 14M
fin15m_ra_psi_int_cip	Reference file: Right Advance - P/S I-girder at intermediate bent - CIP Slab	FIN 15M
fin16m_ra_psi_int_pcp	Reference file: Right Advance - P/S I-girder at intermediate bent - PCP Slab	FIN 16M
fin17m_ra_stl_end_cip	Reference file: Right Advance - Steel girder at end bent - CIP Slab	FIN 17M
fin18m_ra_stl_end_pcp	Reference file: Right Advance - Steel girder at end bent - PCP Slab	FIN 18M
fin19m_ra_stl_int_cip	Reference file: Right Advance - Steel girder at intermediate bent - CIP Slab	FIN 19M
fin20m_ra_stl_int_pcp	Reference file: Right Advance - Steel girder at intermediate bent - PCP Slab	FIN 20M
fin_m_sq_median_cip.dgn	Square - at median barrier curb - CIP Slab	FIN 21M
fin22m_sq_psi_stl_int_cip	Reference file: Square - Prestressed to steel at intermediate bent - CIP Slab	FIN 22M
fin23m_sq_psi_stl_int_pcp	Reference file: Square - Prestressed to steel at intermediate bent - PCP Slab	FIN 23M
fin24m_sq_psi_end_cip	Reference file: Square - P/S I-girder at end bent - CIP Slab	FIN 24M
fin25m_sq_psi_end_pcp	Reference file: Square - P/S I-girder at end bent - PCP Slab	FIN 25M
fin26m_sq_psi_int_cip	Reference file: Square - P/S I-girder at intermediate bent - CIP Slab	FIN 26M

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FINGER PLATE EXPANSION DEVICE (CONT.)		
FILE NAME	**DESCRIPTION**	**PAGE**
fin27m_sq_psi_int_pcp	Reference file: Square - P/S I-girder at Intermediate bent - PCP Slab	FIN 27M
fin28m_sq_stl_end_cip	Reference file: Square - Steel girder at end bent - CIP Slab	FIN 28M
fin29m_sq_stl_end_pcp	Reference file: Square - Steel girder at end bent - PCP Slab	FIN 29M
fin30m_sq_stl_int_cip	Reference file: Square - Steel girder at intermediate bent - CIP Slab	FIN 30M
fin31m_sq_stl_int_pcp	Reference file: Square - Steel girder at intermediate bent - PCP Slab	FIN 31M

FLAT PLATE EXPANSION DEVICE – 90 mm GAP

Revised: 02-2001

FILE NAME	DESCRIPTION	PAGE
fpe01m_la_psi_end_cip	Left advance, P/S girder at end bent - CIP Slab	FPE 1M
fpe02m_la_psi_int_cip	Left advance, P/S girder at intermediate bent - CIP Slab	FPE 2M
fpe03m_la_stl_end_cip	Left advance, steel girder at end bent - CIP Slab	FPE 3M
fpe04m_la_stl_int_cip	Left advance, steel girder at intermediate bent - CIP Slab	FPE 4M
fpe05m_ra_psi_end_cip	Right advance, P/S girder at end bent - CIP Slab	FPE 5M
fpe06m_ra_psi_int_cip	Right advance, P/S girder at intermediate bent - CIP Slab	FPE 6M
fpe07m_ra_stl_end_cip	Right advance, steel girder at end bent - CIP Slab	FPE 7M
fpe08m_ra_stl_int_cip	Right advance, steel girder at intermediate bent - CIP Slab	FPE 8M
fpe09m_sq_psi_end_cip	Square, P/S girder at end bent - CIP Slab	FPE 9M
fpe10m_sq_psi_int_cip	Square, P/S girder at intermediate bent - CIP Slab	FPE 10M
fpe11m_sq_stl_end_cip	Square, steel girder at end bent - CIP Slab	FPE 11M
fpe12m_sq_stl_int_cip	Square, steel girder at intermediate bent - CIP Slab	FPE 12M
fpe13m_la_psi_end_pcp	Left advance, P/S girder at end bent - PCP Slab	FPE 13M
fpe14m_la_psi_int_pcp	Left advance, P/S girder at intermediate bent - PCP Slab	FPE 14M
fpe15m_la_stl_end_pcp	Left advance, steel girder at end bent - PCP Slab	FPE 15M
fpe16m_la_stl_int_pcp	Left advance, steel girder at intermediate bent - PCP Slab	FPE 16M
fpe17m_ra_psi_end_pcp	Right advance, P/S girder at end bent - PCP Slab	FPE 17M

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FLATE PLATE EXPANSION DEVICE – 90 mm GAP (CONT.)		
FILE NAME	**DESCRIPTION**	**PAGE**
fpe18m_ra_psi_int_pcp	Right advance, P/S girder at intermediate bent - PCP Slab	FPE 18M
fpe19m_ra_stl_end_pcp	Right advance, steel girder at end bent - PCP Slab	FPE 19M
fpe20m_ra_stl_int_pcp	Right advance, steel girder at intermediate bent - PCP Slab	FPE 20M
fpe21m_sq_psi_end_pcp	Square, P/S girder at end bent - PCP SLAB	FPE 21M
fpe22m_sq_psi_int_pcp	Square, P/S girder at intermediate bent - PCP Slab	FPE 22M
fpe23m_sq_stl_end_pcp	Square, steel girder at end bent - PCP Slab	FPE 23M
fpe24m_sq_stl_int_pcp	Square, steel girder at intermediate bent - PCP Slab	FPE 24M

PLATE GIRDER SPLICES

Revised: 02-2001

FILE NAME	DESCRIPTION	PAGE
spg1m_plgdr_splice	Web & Flange Splices for plate girders	SPG 1M

PRECAST PANELS

Revised: May 2002

FILE NAME	DESCRIPTION	PAGE
spn1m_fingerpl	75 mm Slab Panel (P/C P/S) for Steel Structure with Finger Plate	SPN 1M
spn2m_psigdr	75 mm Slab Panel (P/C P/S) for P/S I-Girder	SPN 2M
spn3m_stlgdr	75 mm Slab Panel (P/C P/S) for Steel Structure	SPN 3M

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PRESTRESSED GIRDERS
Revised: May 2002

FILE NAME	DESCRIPTION	PAGE
gdr1m_813_type2	Prestressed Í-Girder 152 mm Web, 813 mm Height, Girder Type 2	GDR 1M
gdr2m_991_type3	Prestressed Í-Girder 152 mm Web, 991 mm Height, Girder Type 3	GDR 2M
gdr3m_1143_type4	Prestressed Í-Girder 152 mm Web, 1143 mm Height, Girder Type 4	GDR 3M
gdr4m_1372_type6	Prestressed Í-Girder 165 mm Web, 1372 mm Height, Girder Type 6	GDR 4M
gdr5m_1842_bulbt	Prestressed Bulb-Tee Girder 152 mm Web, 1842 mm Height, Girder Type 7 (For bridges with Integral Bents)	GDR 5M

SLAB SECTIONS
Revised: 06-2001

CELL NAME	DESCRIPTION	PAGE
SLN 1M SLN 2M	8400 mm Roadway, 4 Girders with new 410 mm Safety Barrier Curb 9000 mm Roadway, 4 Girders with new 410 mm Safety Barrier Curb	SLC 1M
SLN 3M SLN 4M	9600 mm Roadway, 4 Girders with new 410 mm Safety Barrier Curb 10 200 mm Roadway, 4 Girders with new 410 mm Safety Barrier Curb	SLC 2M
SLN 5M SLN 6M	10 800 mm Roadway, 5 Girders with new 410 mm Safety Barrier Curb 11 400 mm Roadway, 5 Girders with new 410 mm Safety Barrier Curb	SLC 3M
SLN 7M SLN 8M	12 000 mm Roadway (Symmetrical), 5 Girders with new 410 mm Safety Barrier Curb 13 200 mm Roadway (Symmetrical), 5 Girders with new 410 mm Safety Barrier Curb	SLC 4M

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STRIP SEAL EXPANSION DEVICE

Revised: 02-2001

FILE NAME	DESCRIPTION	PAGE
sts_la_std.dgn	A standard file: All reference files for left advance structures are included in this file.	
sts01m_la_psi_end_cip	Reference file: Left advance, P/S structure at end bent - CIP Slab	STS 1M
sts02m_la_psi_int_cip	Reference file: Left advance, P/S structure at intermediate bent - CIP Slab	STS 2M
sts03m_la_stl_end_cip	Reference file: Left advance, Steel structure at end bent - CIP Slab	STS 3M
sts04m_la_stl_int_cip	Reference file: Left advance, Steel structure at intermediate bent - CIP Slab	STS 4M
sts05m_la_psi_end_pcp	Reference file: Left advance, P/S structure at end bent - PCP Slab	STS 5M
sts06m_la_psi_int_pcp	Reference file: Left advance, P/S structure at intermediate bent - PCP Slab	STS 6M
sts07m_la_stl_end_pcp	Reference file: Left advance, Steel structure at end bent - PCP Slab	STS 7M
sts08m_la_stl_int_pcp	Reference file: Left advance, Steel structure at intermediate bent - PCP Slab	STS 8M
sts_ra_std.dgn	A standard file: All reference files for right advance structures are included in this file.	
sts09m_ra_psi_end_cip	Reference file: Right advance, P/S structure at end bent - CIP Slab	STS 9M
sts10m_ra_psi_int_cip	Reference file: Right advance, P/S structure at intermediate bent - CIP Slab	STS 10M
sts11m_ra_stl_end_cip	Reference file: Right advance, Steel structure at end bent - CIP Slab	STS 11M
sts12m_ra_stl_int_cip	Reference file: Right advance, Steel structure at intermediate bent - CIP Slab	STS 12M
sts13m_ra_psi_end_pcp	Reference file: Right advance, P/S structure at end bent - PCP Slab	STS 13M
sts14m_ra_psi_int_pcp	Reference file: Right advance, P/S structure at intermediate bent - PCP Slab	STS 14M
sts15m_ra_stl_end_pcp	Reference file: Right advance, steel structure at end bent - PCP Slab	STS 15M
sts16m_ra_stl_int_pcp	Reference file: Right advance, steel structure at intermediate bent - PCP Slab	STS 16M
sts_sq_std.dgn	A standard file: All reference files for square structures are included in this file.	
sts17m_sq_psi_end_cip	Reference file: Square, P/S structure at end bent - CIP Slab	STS 17M
sts18m_sq_psi_int_cip	Reference file: Square, P/S structure at intermediate bent - CIP Slab	STS 18M
sts19m_sq_stl_end_cip	Reference file: Square, steel structure at end bent - CIP Slab	STS 19M
sts20m_sq_stl_int_cip	Reference file: Square, steel structure at intermediate bent - CIP Slab	STS 20M
sts21m_sq_psi_end_pcp	Reference file: Square, P/S structure at end bent - PCP Slab	STS 21M
sts22m_sq_psi_int_pcp	Reference file: Square, P/S structure at intermediate bent - PCP Slab	STS 22M
sts23m_sq_stl_end_pcp	Reference file: Square, steel structure at end bent - PCP Slab	STS 23M
sts24m_sq_stl_int_pcp	Reference file: Square, steel structure at intermediate bent - PCP Slab	STS 24M

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TEMPORARY BRIDGES
Revised: 10-2002

FILE NAME	DESCRIPTION	PAGE
tem1m_front_sht	Temporary bridge – Front sheet	TEM 1M
tem2m_bent_sht	Temporary bridge – Bent sheet	TEM 2M
tem3m_steel_det	Temporary bridge - Steel details	TEM 3M
tem4m_rail_sht	Temporary bridge – Rail sheet	TEM 4M

THRIE BEAM RAIL
Revised: 08-2002

FILE NAME	DESCRIPTION	PAGE
thb1ma_system1_new	Thrie beam rail for new structures – slab depth 216 mm and over	THB 1MA
thb1mb_system1_details	Thrie beam rail - slab depth 216 mm and over - details	THB 1MB
thb1mc_system1_dblt	Thrie beam rail for new double-tee structures	THB 1MC
thb2ma_system2_rehab	Thrie beam rail for rehab or widening - slab depth 558 mm and over	THB 2MA
thb2mb_system2_details	Thrie beam rail - slab depth 558 mm and over - details	THB 2MB
thb3ma_system3_rehab	Thrie beam rail for rehab or widening - slab depth between 216 mm and 483 mm	THB 3MA
thb3mb_system3_details	Thrie beam rail - slab depth between 216 mm and 483 mm - details	THB 3MB
thb4ma_system4_rehab	Thrie beam rail for rehab or widening on box girder and deck girder structures	THB 4MA
thb4mb_system4_details	Thrie beam rail – box girder and deck girder - details	THB 4MB
thb4mc_system4_latex	Thrie beam rail – additional details if using Latex, Low Slump or Silica Fume overlay	THB 4MC
thb4md_system4_optional	Thrie beam rail for box girder and deck girder with Large Cantilever	THB 4MD

WIDENING AND REPAIR
Revised: 02-2002(The details in the old WID1M, WID2M and WID3M are included in the Thrie Beam Rail Section.)

FILE NAME	DESCRIPTION	PAGE
wid4m_deck_repair	Deck repair and filled joint details	WID 4M
wid5m_wf_strength	Wide flange stringer strengthening	WID 5M