

**EXPLANATION OF REPRINT NO. 12**  
(ROADWAY, TRAFFIC AND BRIDGE DRAWINGS)

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
RBB-001-08	RBB-001-09		GUARDRAIL AND BRIDGE END DRAINAGE FOR SINGLE STRUCTURES	EDITED NOTE 10. REMOVED "WHEN THIS DEMINSION IS 6'-0" OR LESS"
RBB-010-05	RBB-010-06		GUARDRAIL TRANSITION FROM NORMAL SHOULDER TO NARROW BRIDGE	CHANGED NOTES ADDED TABLES FOR 6' – 8' – 10' USABLE SHOULDER GUARDRAIL FLARE DIMENSIONS
RBC-002-03	RBC-002-04		GUARDRAIL CONNECTOR TO BRIDGE END TYPE A COMPONENTS	ADDED MAINTENANCE NOTES: NOT FOR NEW CONSTRUCTION. ONLY USE FOR REPAIRING OR RESTORING CONCRETE BARRIEIR WALL. USE 3500PSI CONCRETE FOR REPAIRS TO EXISTING JERSEY SHAPE
RBC-003-08	RBC-003-09		GUARDRAIL CONNECTOR TO BRIDGE END TYPE A AND A-1 COMPONENTS	CHANGED BLOCK SIZE ADDED MAINTENANCE NOTES: NOT FOR NEW CONSTRUCTION. ONLY USE FOR REPAIRING OR RESTORING CONCRETE BARRIEIR WALL. USE 3500PSI CONCRETE FOR REPAIRS TO EXISTING JERSEY SHAPE

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
RBC-004-07	RBC-004-08		GUARDRAIL CONNECTOR TO BRIDGE END TYPE D	UPGRADED TO MASH REQUIREMENTS ADDED MAINTENANCE NOTES: NOT FOR NEW CONSTRUCTION. ONLY USE FOR REPAIRING OR RESTORING CONCRETE BARRIEIR WALL. USE 3500PSI CONCRETE FOR REPAIRS TO EXISTING JERSEY SHAPE
NEW	NEW	RBC-004N	GUARDRAIL CONNECTOR TO BRIDGE END TYPE D	SPLIT RBC-004-08 INTO A NOTES SHEET
RBC-005	RBC-005-01		GURADRAIL CONNECTOR TO BRIDGE END TYPE A	UPGRADED TO MASH REQUIREMENTS ADDED MAINTENANCE NOTES: NOT FOR NEW CONSTRUCTION. ONLY USE FOR REPAIRING OR RESTORING CONCRETE BARRIEIR WALL. USE 3500PSI CONCRETE FOR REPAIRS TO EXISTING JERSEY SHAPE
NEW	NEW	RBC-005N	GURADRAIL CONNECTOR TO BRIDGE END TYPE A	SPLIT RBC-005-01 INTO A NOTES SHEET
RBC-006	RBC-006-01		GUARDRAIL CONNECTOR TO BRIDGE END TYPE A-1	UPGRADED TO MASH REQUIREMENTS ADDED MAINTENANCE NOTES: NOT FOR NEW CONSTRUCTION. ONLY USE FOR REPAIRING OR RESTORING CONCRETE BARRIEIR WALL. USE 3500PSI CONCRETE FOR REPAIRS TO EXISTING JERSEY SHAPE

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
RBC-100-04	RBC-100-05		GUARDRAIL CONNECTOR TO CONCRETE MEDIAN BARRIER END	UPGRADED TO MASH REQUIREMENTS ADDED MAINTENANCE NOTES: NOT FOR NEW CONSTRUCTION. ONLY USE FOR REPAIRING OR RESTORING CONCRETE BARRIEIR WALL. USE 3500PSI CONCRETE FOR REPAIRS TO EXISTING JERSEY SHAPE
NEW	NEW	RBC-100N	GUARDRAIL CONNECTOR TO CONCRETE MEDIAN BARRIER END	SPLIT RBC-100-05 INTO A NOTES SHEET
RBC-110-11	RBC-110-12		CONNECTION DETAILS OF CRASH CUSHION TYPE VI TO DOUBLE FACE GUARDRAIL	UPGRADED TO MASH REQUIREMENTS
RBE-040-10	RBE-040-11		CRASH CUSHION TYPE VII CLASS B AND C (ONE & TWO DIRECTION)	UPGRADED TO MASH REQUIREMENTS
RBE-060-14	RBE-060-15		CRASH CUSHION TYPE VI	UPGRADED TO MASH REQUIREMENTS
RBE-065-07	RBE-065-08		CONCRETE MEDIAN BARRIER END	ADDED MAINTENANCE NOTES: NOT FOR NEW CONSTRUCTION. ONLY USE FOR REPAIRING OR RESTORING CONCRETE BARRIEIR WALL. USE 3500PSI CONCRETE FOR REPAIRS TO EXISTING JERSEY SHAPE
NEW	NEW	RBE-065N	CONCRETE MEDIAN BARRIER END	SPLIT RBC-100-05 INTO A NOTES SHEET

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
RBE-070-006	RBE-070-07		CONCRETE MEDIAN BARRIER END FOR CRASH CUSHION TYPE IX	ADDED MAINTENANCE NOTES: NOT FOR NEW CONSTRUCTION. ONLY USE FOR REPAIRING OR RESTORING CONCRETE BARRIEIR WALL. USE 3500PSI CONCRETE FOR REPAIRS TO EXISTING JERSEY SHAPE
NEW	NEW	RBE-070N	CONCRETE MEDIAN BARRIER END FOR CRASH CUSHION TYPE IX	SPLIT RBC-100-05 INTO A NOTES SHEET
RBE-100-10	RBE-100-11		CRASH CUSHION TYPE VI-BT	UPGRADED TO MASH REQUIREMENTS
RBE-200-06	RBE-200-07		CRASH CUSHION TYPE IX	UPGRADED TO MASH REQUIREMENTS
RBE-205-06	RBE-205-07		CRASH CUSHION TYPE IX-A	UPGRADED TO MASH REQUIREMENTS
RBI-001-11	RBI-001-12		TYPICAL GUARDRAIL INSTALLATIONS	UPGRADED TO MASH REQUIREMENTS
RBI-004-05	RBI-004-06		INSTALLATION OF GUARDRAIL END TREATMENT TYPE 1	UPGRADED TO MASH REQUIREMENTS
RBM-001-10	RBM-001-11		CONCRETE MEDIAN BARRIER FIXED-FORM OR SLIP-FORM (PERMANENT)	CHANGES TO QUANTITIES BOX

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
RBM-003-11	RBM-003-12		CONCRETE MEDIAN BARRIER PRECAST (PERMANENT)	ADD NOTE FOR "NOT FOR NEW CONSTRUCTION"
RBM-006-10	RBM-006-11		CONCRETE MEDIAN BARRIER PRECAST (PERMANENT)	ADD NOTE FOR "NOT FOR NEW CONSTRUCTION"
RBM-053-01	RBM-053-02		CONCRETE MEDIAN BARRIER FIXED OR SLIP FORM 50-INCH PERMANENT	ADD NOTE FOR "NOT FOR NEW CONSTRUCTION"
RBM-050-01	RBM-050-02		CONCRETE MEDIAN BARRIER FIXED FORM OR SLIP FORM (PERMANENT 50" TALL WALL)	EDITED EXPANSION NOTE
RBR-001-12	RBR-001-13		STEEL BEAM GUARDRAIL (W-BEAM)	UPGRADED TO MASH REQUIREMENTS
RBR-015-05	RBR-015-06		STEEL GUARDRAIL POSTS	CHANGED BLOCK SIZE TO "NOMINAL" AND REMOVED HANDLING HOLES
NEW	NEW	RBR-018	GUARDRAIL SYSTEM TRANSITION	UPGRADED TO MASH REQUIREMENTS
RBR-020-06	RBR-020-07		GUARDRAIL END TREATMENT TYPE 1	UPGRADED TO MASH REQUIREMENTS
RBR-025-05	RBR-025-06		GUARDRAIL END TREATMENT TYPE 2A	UPGRADED TO MASH REQUIREMENTS

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
RBR-050-07	RBR-050-08		GUARDRAIL END TREATMENT TYPE 7	UPGRADED TO MASH REQUIREMENTS
RBR-051	RBR-051-01		GUARDRAIL END TREATMENT TYPE 7 ALTERNATE ANCHOR	SPELLING CORRECTIONS
RBR-055	RBR-055-01		DELINEATORS FOR GUARDRAIL	UPGRADED TO MASH REQUIREMENTS
RDI-020-09	RDI-020-10		PIPE BEDDING FOR CULVERTS, SEWERS, STORM DRAINS, AND THEIR COMBINATIONS	EDIT TO NOTE 4
RDI-025-05	RDI-025-06		PIPE BEDDING TRENCH CONDITION	EDIT TO NOTE 4
RGX-002-09	VOID		RETAINING WALL GRAVITY TYPE NON-REINFORCED	MOVED TO BRIDGE SECTION, MADE INTO TWO SHEETS
RGX-065-02	RGX-065-03		TYPE D BREAKAWAY SIGN SUPPORT	UPDATED NOTES AND DETAILS
RGX-100-06	RGX-100-07		TREATMENT OF EMBANKMENTS AT END BENTS	REVISED ACCORDING TO SPECIAL PROVISION 69

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
RGX-105-08	RGX-105-09		TREATMENT OF EMBANKMENTS AT END BENTS - DETAILS	CHANGED TO CLASS I & 2 GEOTEXTILE FABRIC
RPM-100-10	RPM-100-11		CURB AND GUTTER, CURBS AND VALLEY GUTTER	UPDATED DIMENSIONS
TPM-140-03	TPM-140-04		PAVEMENT MARKER ARRANGEMENTS TWO-WAY LEFT TURN LANE	CORRECTED REFERENCE NUMBERS
TPM-150-02	VOID		CENTERLINE RUMBLE STRIPS	CHANGED TO TPR-100
TPM-155-02	VOID		CENTERLINE RUMBLE STRIPS 4 INCH STRIPING	CHANGED TO TPR-105
TPM-160-02	VOID		CENTERLINE RUMBLE STRIPS 6 INCH STRIPING	CHANGED TO TPR-110
TPM-165	VOID		SHUOLDER AND EDGE LINE RUMBLE STRIP DETAILS	CHANGED TO TPR-115
TPM-170	TPM-170-01		FLEXIBLE DELINEATOR POST ARRANGEMENTS FOR HORIZONTAL CURVES	CHANGED "TYPE IX" SHEETING TO "TYPE XI" SHEETING MODIFIED A "SHOULD" CONDITION IN NOTE 4 TO A "SHALL" CONDITION

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
TPM-171	TPM-171-01		FLEXIBLE DELINEATOR POST ARRANGEMENTS FOR INTERCHANGE RAMPS AND CROSSOVERS	CHANGED "TYPE IX" SHEETING TO "TYPE XI" SHEETING MODIFIED A "SHOULD" CONDITION IN NOTE 4 TO A "SHALL" CONDITION
NEW	NEW	TPM-175	PAVEMENT STRIPING DETAILS FOR TWO LANE TWO WAY ROADWAYS	NEW DRAWING
NEW	NEW	TPM-200	TYPICAL ENTRANCE RAMP MARKINGS	NEW DRAWING
NEW	NEW	TPM-201	TYPICAL EXIT RAMP MARKINGS PAGE 1	NEW DRAWING
NEW	NEW	TPM-202	TYPICAL EXIT RAMP MARKINGS PAGE 2	NEW DRAWING
NEW	NEW	TPM-203	TYPICAL MARKINGS AT SIGNALIZED INTERSECTIONS	NEW DRAWING
NEW	NEW	TPM-204	TYPICAL MARKINGS FOR GORE AREAS	NEW DRAWING



DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	TPM-205	TYPICAL MARKINGS FOR ISLANDS AND MEDIANS	NEW DRAWING
NEW	NEW	TPM-206	TYPICAL MARKINGS FOR TURN LANES PAGE 1	NEW DRAWING
NEW	NEW	TPM-207	TYPICAL MARKINGS FOR TURN LANES PAGE 2	NEW DRAWING
NEW	NEW	TPR-100	CENTERLINE RUMBLE STRIPS PLACEMENT DETAILS	NEW DRAWING
NEW	NEW	TPR-105	CENTERLINE RUMBLE STRIPS 4 INCH STRIPING	NEW DRAWING
NEW	NEW	TPR-110	CENTERLINE RUMBLE STRIPS 6 INCH STRIPING	NEW DRAWING
NEW	NEW	TPR-115	SHOULDER & EDGE LINE RUMBLE STRIPS PLACEMENT DETAILS	NEW DRAWING
NEW	NEW	TPR-120	EDGE LINE RUMBLE STRIP DETAILS TWO LANE ROADWAYS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	TPR-125	SHOULDER RUMBLE STRIP DETAILS TWO LANE ROADWAYS	NEW DRAWING
NEW	NEW	TPR-130	RUMBLE STRIP DETAILS MULTI-LANE ROADWAYS & RAMPS	NEW DRAWING
TTC-100-04	TTC-100-05		LANE CLOSURE TWO-LANE HIGHWAY	NOTE 1, CHANGED "SHALL BE" TO "IS" NOTE 1, REMOVED "OR TYPE II BARRICADES" AND "OR TUBULAR MARKERS", INCLUDED INFO ON THE USE OF GRABBER CONES REMOVED NOTE 8 REMOVED "TYPE II BARRICADES AND TUBLUAR MARKERS" FROM LEGEND REMOVED APPICATION NOTE REMOVED "BARRICADE TYPE 1, EACH" UNDER "BID ITEMS AND UNIT TO BID"
TTC-110-03	TTC-110-04		LANE CLOSURE USING TRAFFIC SIGNALS	NOTE 1, CHANGED "SHALL BE" TO "IS" MOVED NOTE 10 TO NOTE 11, CHANGED NOTE 10 TO INCLUDE INFO ON THE USE OF GRABBER CONES REMOVED "TYPE II BARRICADES" FROM LEGEND REMOVED APPICATION NOTE REMOVED "BARRICADE TYPE III, EACH" UNDER "BID ITEMS AND UNIT TO BID"

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
TTC-115-03	TTC-115-04		LANE CLOSURE MULTI-LANE HIGHWAY CASE I	NOTE 2, CHANGED "SHALL BE" TO "IS" NOTE 5, REMOVED"OR TYPE II BARRICADES" AND "OR TUBULAR MARKERS", INCLUDED INFO ON THE USE OF GRABBER CONES REMOVED NOTE 8 REMOVED "TYPE II BARRICADES AND TUBLUAR MARKERS" FROM LEGEND REMOVED APPICATION NOTE ADDED "ARROW PANEL, EACH" UNDER "BID ITEMS AND UNIT TO BID"
TTC-120-03	TTC-120-04		LANE CLOSURE MULTI-LANE HIGHWAY CASE II	NOTE 2, CHANGED "SHALL BE" TO "IS" REMOVED NOTE 8 REMOVED "TYPE II BARRICADES" FROM LEGEND MOVED NOTE 12 TO NOTE 13, CHANGED NOTE 12 TO INCLUDE INFO ON THE USE OF GRABBER CONES ADDED "ARROW PANEL, EACH" UNDER "BID ITEMS AND UNIT TO BID"
TTC-135-02	TTC-135-03		SHOULDER CLOSURE	NOTE 1, CHANGED "SHALL BE" TO "IS" NOTE 3, REMOVED"OR TYPE II BARRICADES" AND "OR TUBULAR MARKERS" ADDED TO NOTE 3 TO INCLUDE INFO ON THE USE OF GRABBER CONES REMOVED "TYPE II BARRICADES AND TUBLUAR MARKERS" FROM LEGEND REMOVED APPLICATION NOTE

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
TTC-141-03	TTC-141-04		MEDIAN CROSSOVER CASE I PAGE 2	<p>MOVED NOTE 15 TO NOTE 16 MADE NOTE 15 TO INCLUDE INFO ON THE USE OF GRABBER CONES REMOVED "VERTICAL PANELS" FROM LEGEND ADDED "BARRICADE TYPE III, EACH", ARROW PANEL, EACH" AND "CROSSOVER, LUMP SUM" UNDER "BID ITEMS AND UNIT TO BID"</p>
TTC-145-03	TTC-145-04		MEDIAN CROSSOVER CASE II	<p>NOTE 1, CHANGED "SHALL BE" TO "IS" REMOVED "VERTICAL PANELS" FROM LEGEND</p>
TTC-146-03	TTC-146-04		MEDIAN CROSSOVER CASE II PAGE 2	<p>MOVED NOTE 15 AND 16 TO NOTE 16 AND 17 MADE NOTE 15 TO INCLUDE INFO ON THE USE OF GRABBER CONES REMOVED "VERTICAL PANELS" FROM LEGEND ADDED "BARRICADE TYPE III, EACH", ARROW PANEL, EACH" AND "CROSSOVER, LUMP SUM" UNDER "BID ITEMS AND UNIT TO BID"</p>
TTC-150-03	TTC-150-04		ROAD CLOSURE WITH DIVERSION	<p>REMOVED "TYPE II BARRICADES" FROM LEGEND ADDED "BARRICADE TYPE III, EACH", ARROW PANEL, EACH" AND "CROSSOVER, LUMP SUM" UNDER "BID ITEMS AND UNIT TO BID"</p>

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	TTC-165	AUTOMATED FLAGGING ASSISTANCE DEVICES	NEW DRAWING
TTD-120-02	TTD-120-03		DOUBLE FINES ZONE SIGNS	ADDED A NEW "WHEN FLASHING" SIGN MODIFIED "APPLICATION" NOTE REMOVED "REDUCED SPEED ZONE SIGNS" SECTION AND RELOCATED TO ANOTHER DRAWING
TTD-125-02	TTD-125-03		PAVEMENT CONDITION WARNING SIGNS	MODIFIED "APPLICATION" NOTE
NEW	NEW	TTD-130	SPEED ZONE SIGNING FOR WORK ZONES	NEW DRAWING
BDP-001-05	BDP-001-06		BOX BEAM GENERAL NOTES & REFERENCES	REVISED TO MEET 44 TON RATING
BDP-004-03	BDP-004-04		BOX BEAM TENSION ROD DETAILS	REVISED TO MEET 44 TON RATING
BDP-005-05	BDP-005-06		RAILING SYSTEM TYPE II	GUARDRAIL HEIGHT DIMENSION CORRECTION
BDP-006-04	BDP-006-05		BOX BEAM B12 & CB12 DETAILS	REVISED TO MEET 44 TON RATING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
BDP-007-04	BDP-007-05		BOX BEAM B17 & CB17 DETAILS	REVISED TO MEET 44 TON RATING
BDP-013-03	BDP-013-04		SLAB BRIDGE FOR 12" & 17" BEAMS	REVISED TO MEET 44 TON RATING
BGX-015-03	BGX-015-04		BRIDGE DRAINS	REVISED GALVANIZING NOTE TO READ: ASTM A123
BGX-017-02	BGX-017-03		APPROACH SLAB	REVISED TO MAKE DRIVE ON AND ADDED SLEEPER SLAB
NEW	NEW	BGX-018	TREATMENT OF OPEN SINKHOLES	NEW DRAWING
NEW	NEW	BGX-019	24 INCH JUNCTION BOX SINGLE SLOPE AND VERTICAL BARRIER	NEW DRAWING
NEW	NEW	BGX-020	24 INCH JUNCTION BOX TYPE 3 BARRIER	NEW DRAWING
NEW	NEW	BGX-021	JUNCTION BOX TYPE A	NEW DRAWING
NEW	NEW	BGX-022	JOINT WATERPROOFING	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BGX-023	STANDARD GRAVITY WALL	NEW DRAWING
NEW	NEW	BGX-024	STANDARD GRAVITY WALL	NEW DRAWING
NEW	NEW	BGX-025	CHAINLINK FENCE	NEW DRAWING
NEW	NEW	BGX-026	AIR VENT DETAILS	NEW DRAWING
BHS-007-07	BHS-007-08		RAILING SYSTEM TYPE II GUARDRAIL TREATMENT	UPGRADED TO MASH REQUIREMENTS
BHS-008-02	BHS-008-03		RAIL SYSTEM TYPE 3	ADDED MAINTANENCE NOTES
NEW	NEW	BHS-009	RAILING SYSTEM 36 INCH SINGLE SLOPE	NEW DRAWING
NEW	NEW	BHS-010	RAILING SYSTEM 40 INCH SINGLE SLOPE	NEW DRAWING
NEW	NEW	BHS-011	RAILING SYSTEM SIDE MOUNTED MGS DETAILS	NEW DRAWING
NEW	NEW	BHS-012	RAILING SYSTEM TYPE T631 DETAILS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BHS-013	THRIE BEAM GUARDRAIL TRANSITION (TL-2)	NEW DRAWING
NEW	NEW	BHS-014	THRIE BEAM GUARDRAIL TRANSITION (TL-3)	NEW DRAWING
NEW	NEW	BHS-015	ALUMINUM HANDRAIL	NEW DRAWING
NEW	NEW	BHS-016	STEEL HANDRAIL	NEW DRAWING
BJE-001-13	BJE-001-14		ARMORED EDGES	REMOVED EXPANSION JOINTS
NEW	NEW	BJE-002	EXPANSION JOINTS	NEW DRAWING
NEW	NEW	BJE-003	EXPANSION JOINT REPLACEMENT 1"-3"	NEW DRAWING
NEW	NEW	BJE-004	EXPANSION JOINT COVER PLATE DETAILS	NEW DRAWING
NEW	NEW	BJE-005	EXPANSION JOINT REPLACEMENT GENERAL NOTES	NEW DRAWING



DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BJE-006	EXPANSION JOINT REPLACEMENT 4" & 5"	NEW DRAWING
NEW	NEW	BPS-012	PIPE PILE 16 INCH	NEW DRAWING
NEW	NEW	BSA-001	0° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-002	0° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-003	5° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-004	5° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-005	10° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-006	10° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-007	15° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-008	15° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-009	20° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-010	20° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-011	25° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-012	25° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-013	30° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-014	30° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-015	35° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-016	35° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-017	40° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-018	40° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-019	45° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-020	45° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 50% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-021	0° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-022	0° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-023	5° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-024	5° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-025	10° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-026	10° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-027	15° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-028	15° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-029	20° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-030	20° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-031	25° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-032	25° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-033	30° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-034	30° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-035	35° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-036	35° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-037	40° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-038	40° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-039	45° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-040	45° SKEW SUPPORT VARIABLE WIDTH ABUTMENT 25% SKEWED WINGS	NEW DRAWING
NEW	NEW	BSA-041	0° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-042	0° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-043	5° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-044	5° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-045	10° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-046	10° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-047	15° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-048	15° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-049	20° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-050	20° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING



DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-051	25° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-052	25° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-053	30° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-054	30° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-055	35° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-056	35° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-057	40° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-058	40° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-059	45° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-060	45° SKEW SUPPORT VARIABLE WIDTH ABUTMENT PARALLEL WINGS	NEW DRAWING
NEW	NEW	BSA-101	0° SKEW 16'-0" – 17'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSA-102	0° SKEW 24'-0" – 25'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-103	0° SKEW 32'-0" – 33'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSA-104	15° SKEW 16'-0" – 17'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSA-105	15° SKEW 24'-0" – 25'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSA-106	15° SKEW 32'-0" – 33'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSA-107	30° SKEW 16'-0" – 17'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSA-108	30° SKEW 24'-0" – 25'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSA-109	30° SKEW 32'-0" – 33'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSA-110	45° SKEW 16'-0" – 17'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSA-111	45° SKEW 24'-0" – 25'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSA-112	45° SKEW 32'-0" – 33'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER	NEW DRAWING
NEW	NEW	BSB-001	H20 STEEL BEAM STANDARDS	NEW DRAWING
NEW	NEW	BSB-002	KYHL-93 STEEL BEAM STANDARDS	NEW DRAWING
NEW	NEW	BSB-003	SLAB AND END DIAPHRAGM DETAILS	NEW DRAWING
NEW	NEW	BSB-004	ROLLED STEEL DIAPHRAGM DETAILS	NEW DRAWING
NEW	NEW	BSB-005	ROLLED STEEL DIAPHRAGM DETAILS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSB-006	COMPOSITE STEEL BEAM SUPERSTRUCTURES DIAPHRAGMS CONTINUED	NEW DRAWING
NEW	NEW	BSB-101	COMPOSITE STEEL BEAM SUPERSTRUCTURES GENERAL NOTES	NEW DRAWING
NEW	NEW	BSB-102	COMPOSITE STEEL BEAM SUPERSTRUCTURES BEAM TABLES	NEW DRAWING
NEW	NEW	BSB-103	COMPOSITE STEEL BEAM SUPERSTRUCTURES SLAB DETAILS	NEW DRAWINGS
NEW	NEW	BSB-104	COMPOSITE STEEL BEAM SUPERSTRUCTURES FRAMING PLAN/DIAPHRAGMS	NEW DRAWING
NEW	NEW	BSB-105	COMPOSITE STEEL BEAM SUPERSTRUCTURES DIAPHRAGMS CONTINUED	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSC-001	STANDARD CULVERT 4'-0" WIDTH	NEW DRAWING
NEW	NEW	BSC-002	STANDARD CULVERT 6'-0" WIDTH	NEW DRAWING
NEW	NEW	BSC-003	STANDARD CULVERT 8'-0" WIDTH	NEW DRAWING
NEW	NEW	BSC-004	STANDARD CULVERT 10'-0" WIDTH	NEW DRAWING
NEW	NEW	BSC-005	STANDARD CULVERT 12'-0" WIDTH	NEW DRAWING
NEW	NEW	BSC-006	STANDARD CULVERT 14'-0" WIDTH	NEW DRAWING
NEW	NEW	BSC-007	STANDARD CULVERT 16'-0" WIDTH	NEW DRAWING
NEW	NEW	BSD-001	BOX BEAM DIAPHRAGMS	NEW DRAWING
NEW	NEW	BSD-002	PPC I-BEAMS SKEWED STEEL CROSS FRAME DETAILS	NEW DRAWING
NEW	NEW	BSD-003	PPC I-BEAMS 0° SKEWED STEEL CROSS FRAME DETAILS	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSD-004	PPC I-BEAM TYPE 2 DIAPHRAGM DETAILS	NEW DRAWING
NEW	NEW	BSD-005	PPC I-BEAM TYPE 3 DIAPHRAGM DETAILS	NEW DRAWING
NEW	NEW	BSD-006	PRESTRESSED PREFORMED CONCRETE I-BEAM TYPE 4 DIAPHRAGM DETAILS	NEW DRAWING
NEW	NEW	BSD-007	PPC I-BEAM HN36 DIAPHRAGM DETAILS	NEW DRAWING
NEW	NEW	BSD-008	PPC I-BEAM HN42 DIAPHRAGM DETAILS	NEW DRAWING
NEW	NEW	BSD-009	PPC I-BEAM HN48 AND HN54 DIAPHRAGM DETAILS	NEW DRAWING
NEW	NEW	BSE-001	PILE END BENT 0° SKEW	NEW DRAWING
NEW	NEW	BSE-002	PILE END BENT 15° SKEW	NEW DRAWING
NEW	NEW	BSE-003	PILE END BENT 30° SKEW	NEW DRAWING

DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSE-004	PILE END BENT 45° SKEW	NEW DRAWING
NEW	NEW	BSP-001	STANDARD PIER 0° SKEW 16'-0" – 17'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-002	STANDARD PIER 0° SKEW 24'-0" – 25'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-003	STANDARD PIER 0° SKEW 32'-0" – 33'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-004	STANDARD PIER 15° SKEW 16'-0" – 17'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-005	STANDARD PIER 15° SKEW 24'-0" – 25'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-006	STANDARD PIER 15° SKEW 32'-0" – 33'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-007	STANDARD PIER 30° SKEW 16'-0" – 17'-6" BRIDGE WIDTH	NEW DRAWING



DRAWING NUMBERS			DRAWING NAME	REMARKS
CURRENT	REVISED	NEW		
NEW	NEW	BSP-008	STANDARD PIER 30° SKEW 24'-0" – 25'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-009	STANDARD PIER 30° SKEW 32'-0" – 33'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-010	STANDARD PIER 45° SKEW 16'-0" – 17'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-011	STANDARD PIER 45° SKEW 24'-0" – 25'-6" BRIDGE WIDTH	NEW DRAWING
NEW	NEW	BSP-012	STANDARD PIER 45° SKEW 32'-0" – 33'-6" BRIDGE WIDTH	NEW DRAWING