

# SECTION I - BARRIER

SHEET NO.	NAME
B-L (2001)	– BARRIER LEGEND .....
B-1	– GUARDRAIL APPLICATIONS .....
	(2004) - 1 PLANS - (TYPE 1, TYPE 2, AND TYPE 3) .....
	(2004) - 2 ELEVATIONS AND SPLICE DETAIL .....
	(2002) - 3 SECTION VIEWS .....
	(2002) - 4 GRADING FOR GUARDRAIL END TREATMENT, TYPE 1 .....
	(2002) - 5 GRADING FOR GUARDRAIL END TREATMENT, TYPE 2 .....
	(2002) - 6 GRADING FOR GUARDRAIL END TREATMENT, TYPE 3 .....
B-2 (2004)	– GUARDRAIL OVER CULVERTS, TYPE 1 .....
B-3 (2004)	– GUARDRAIL OVER CULVERTS, TYPE 2 .....
B-4 (2004)	– CURVED GUARDRAIL SECTION .....
B-5 (2002)	– END ANCHORAGE .....
B-6	– BURIED END SECTION .....
	(2002) - 1 BURIED END SECTION .....
	(2002) - 2 BURIED END SECTION .....
	(2002) - 3 POST, CONCRETE BLOCK, & RUBRAIL ANCHOR DETAILS .....
B-7	– GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1 .....
	(2005) - 1 PLAN, ELEVATION, AND SECTIONS .....
	(2001) - 2 WOOD BLOCKOUT, RUB RAIL WOOD BLOCKS, BEARING PLATE, RUB RAIL TO BARRIER CONNECTION DETAILS .....
	(2001) - 3 BENT PLATE RUB RAIL DETAILS .....
B-8	– GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 2 .....
	(2005) - 1 PLAN, ELEVATION, AND SECTIONS .....
	(2001) - 2 NOTES, BENT RAIL DETAILS, BLOCK SCHEDULE .....
B-9 (2002)	– GUARDRAIL TO BARRIER CONNECTION, EXIT TYPE .....
B-10 (2004)	– BRIDGE RAIL RETROFIT, TYPE 1 .....
B-11	– BRIDGE RAIL RETROFIT, TYPE 2 .....
	(2004) - 1 PLAN, SECTION A-A, BASE PLATE DETAIL .....
	(2001) - 2 BASE PLATE DETAIL AND STEEL GUARDRAIL POST .....
B-12 (2001)	– BRIDGE RAIL RETROFIT, TYPE 3 .....
B-13	– HARDWARE .....
	(2004) - 1 W-BEAM DETAILS .....
	(2004) - 2 W-BEAM STEEL POST AND OFFSET BLOCK .....
	(2004) - 3 W-BEAM TERMINAL CONNECTOR .....
	(2004) - 4 THRIE BEAM DETAILS .....
	(2004) - 5 THRIE BEAM STEEL POST AND OFFSET BLOCK .....
	(2004) - 6 W-THRIE BEAM TRANSITION SECTION .....
	(2004) - 7 WOOD BLOCK, SOIL PLATE, SHORT WOOD BREAKAWAY POST, STEEL TUBE, LONG WOOD BREAKAWAY POST .....
	(2004) - 8 SWAGED CABLE AND RELATED HARDWARE ASSEMBLY .....
	(2004) - 9 REFLECTORIZED WASHER AND BEARING PLATE DETAIL .....
	(2004) - 10 GUARDRAIL BOLT & RECESSED NUT .....
	(2004) - 11 5/8" (16) HEX BOLT, HEX NUT, & STEEL WASHER, HIGH-STRENGTH STRUCTURAL HEX BOLT & HEX NUT .....
	(2004) - 12 15/16" (24) HEX NUT & STEEL WASHER, 5/8" (16) CARRIAGE BOLT, HEX NUT, & STEEL WASHER .....
	(2005) - 13 GUARDRAIL MOUNTED RAIL .....
B-14	– CONCRETE SAFETY BARRIER (F SHAPE) .....
	(2001) - 1 TYPICAL CAST IN PLACE OR SLIP FORM CONSTRUCTION .....
	(2001) - 2 TYPICAL PRE-CAST CONSTRUCTION .....
	(2001) - 3 SLOTTED PLATE CONNECTION DETAILS .....

