SECTION I - BARRIER

SHEET NO.		NAME
B-L (2010)	–	BARRIER LEGEND
B-1	–	GUARDRAIL APPLICATIONS (TYPES 1-31, 2-31, AND 3-31)
(2010) - 1		PLAN VIEWS
(2010) - 2		ELEVATION VIEWS AND SPLICE DETAIL
(2010) - 3		SECTION VIEWS
B-2	–	GRADING FOR GUARDRAIL END TREATMENTS (TYPES 1, 2, AND 3)
(2010) - 1		GUARDRAIL END TREATMENT, TYPE 1
(2010) - 2		GUARDRAIL END TREATMENT, TYPE 2
(2010) - 3		GUARDRAIL END TREATMENT, TYPE 3
B-3	–	GUARDRAIL OVER CULVERTS (TYPES 1-31, 2-31, AND 3-31)
(2010) - 1		GUARDRAIL OVER CULVERTS, TYPE 1-31
(2010) - 2		GUARDRAIL OVER CULVERTS, TYPE 2-31
(2010) - 3		GUARDRAIL OVER CULVERTS, TYPE 3-31
B-4 (2012)	–	END ANCHORAGE , TYPE 31
B-5	–	GUARDRAIL TO BARRIER CONNECTION (TYPES 1-31, 2-31, AND EXIT TYPE 31)
(2010) - 1		GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31
(2010) - 2		GUARDRAIL TO BARRIER CONNECTION, TYPE 1 HARDWARE
(2010) - 3		GUARDRAIL TO BARRIER CONNECTION, BENT PLATE RUB RAIL
(2012) - 4		GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 2-31
(2010) - 5		GUARDRAIL TO BARRIER CONNECTION, TYPE 2 HARDWARE
(2010) - 6		GUARDRAIL TO BARRIER CONNECTION, EXIT TYPE 31
B-6	–	BRIDGE RAIL RETROFIT (TYPES 1, 2, 3, AND 4)
(2010) - 1		BRIDGE RAIL RETROFIT, ENTRANCE AND END APPLICATIONS
(2010) - 2		BRIDGE RAIL RETROFIT, TYPES 1 AND 2
(2010) - 3		BRIDGE RAIL RETROFIT, TYPE 2 HARDWARE
(2010) - 4		BRIDGE RAIL RETROFIT, TYPE 3
(2010) - 5		BRIDGE RAIL RETROFIT, TYPE 4
B-7 (2010)	–	W-BEAM, TYPE 1-27 TO TYPE 1-31 TRANSITION SECTION
B-8	–	RESERVED
B-9	–	RESERVED
B-10	–	RESERVED
B-11	–	RESERVED
B-12	–	RESERVED
B-13	–	HARDWARE
(2010) - 1		W-BEAM ELEVATION AND SECTION VIEWS
(2010) - 2		W-BEAM STEEL POST AND OFFSET BLOCK
(2010) - 3		W-BEAM TERMINAL CONNECTOR
(2010) - 4		THRIE BEAM AND THRIE BEAM EXPANSION ELEMENT ELEVATION AND SECTION VIEWS
(2010) - 5		THRIE BEAM STEEL POST AND OFFSET BLOCK
(2010) - 6		ASYMMETRIC AND SYMMETRIC W-BEAM TO THRIE BEAM TRANSITION SECTION
(2010) - 7		SHORT AND LONG WOOD BREAKAWAY POSTS, STEEL TUBE, SOIL PLATE, AND OFFSET BLOCKS
(2012) - 8		SWAGED CABLE ASSEMBLAGE AND HARDWARE
(2010) - 9		GUARDRAIL DELINEATOR AND W-BEAM BEARING PLATE
(2010) - 10		GUARDRAIL MOUNTED RAIL
B-14	–	CONCRETE SAFETY BARRIER (F SHAPE)
(2012) - 1		32" (960) CONCRETE BARRIER, TYPICAL CAST-IN-PLACE OR SLIP-FORM ELEVATION AND SECTION VIEWS
(2009) - 2		32" (960) CONCRETE BARRIER, TYPICAL PRE-CAST ELEVATION AND SECTION VIEWS
(2009) - 3		42" (1050) CONCRETE BARRIER, TYPICAL CAST-IN-PLACE OR SLIP-FORM ELEVATION AND SECTION VIEWS
(2009) - 4		SLOTTED PLATE CONNECTION DETAILS
B-15	–	GUARDRAIL APPLICATOINS (TYPES 1-27, 2-27, AND 3-27)
(2010) - 1		PLAN VIEWS
(2010) - 2		ELEVATION VIEWS AND SPLICE DETAIL
(2010) - 3		SECTION VIEWS

SECTION I - BARRIER (CONT'D)

SHEET NO. NAME

B-16 – GUARDRAIL OVER CULVERTS (TYPES 1-27, 2-27, AND 3-27)
(2010) - 1 GUARDRAIL OVER CULVERTS, TYPE 1-27
(2010) - 2 GUARDRAIL OVER CULVERTS, TYPE 2-27
(2010) - 3 GUARDRAIL OVER CULVERTS, TYPE 3-27
B-17 (2010) – GUARDRAIL END TREATMENT (TYPE 4-27)
B-18 (2010) – CURVED GUARDRAIL SECTION
B-19 (2012) – END ANCHORAGE, TYPE 27
B-20 – BURIED END SECTION
(2010) - 1 BURIED END SECTION - SINGLE RAIL
(2010) - 2 BURIED END SECTION - DOUBLE RAIL
(2010) - 3 POST, CONCRETE BLOCK, AND RUBRAIL DETAILS
B-21 – GUARDRAIL TO BARRIER CONNECTION (TYPES 1-27, 2-27, AND EXIT TYPE 27)
(2010) - 1 GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-27
(2010) - 2 GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 2-27
(2010) - 3 GUARDRAIL TO BARRIER CONNECTION, EXIT TYPE 27

SECTION II - CURB & GUTTER

SHEET NO. NAME

C-1 – P.C.C. CURB AND INTEGRAL P.C.C. CURB & GUTTER
(2012) - 1 P.C.C. CURB, TYPICAL CURB SECTION, AND TYPICAL TAPER SECTION AT NOSE OF MEDIANS
(2012) - 2 INTEGRAL P.C.C. CURB & GUTTER
C-2 – CURB RAMPS
(2012) - 1 TYPE 1
(2012) - 2 TYPES 2, 3, AND 4
(2012) - 3 TYPE 5
C-3 (2012) – ENTRANCES
C-4 (2012) – CURB OPENING DETAILS
C-5 (2011) – CURB OPENING WITH SIDEWALK DETAIL

SECTION III - DRAINAGE

SHEET NO. NAME

D-1 – 6:1 SAFETY END STRUCTURE
(2001) - 1 DETAIL VIEWS
(2001) - 2 SCHEDULES
D-2 – 10:1 SAFETY END STRUCTURE
(2001) - 1 DETAIL VIEWS
(2001) - 2 SCHEDULES
D-3 – SAFETY GRATES
(2005) - 1 SAFETY END STRUCTURE GRATE AND ASSEMBLY DETAIL
(2007) - 2 PERSONNEL SAFETY GRATE FOR PIPE INLET DETAIL
D-R (2012) – DRAINAGE INLET REFERENCE SHEET
D-4 (2009) – INLET BOX DETAILS
D-5 – DRAINAGE INLET DETAILS
(2010) - 1 DRAINAGE INLET ASSEMBLY
(2010) - 2 DRAINAGE INLET FRAME AND GRATES
(2012) - 3 DRAINAGE INLET TOP UNITS
(2010) - 4 DRAINAGE INLET COVER SLAB DETAILS
(2010) - 5 DOUBLE INLET COVER SLAB DETAILS
(2012) - 6 34" x 24" DRAINAGE INLET AND COVER SLAB DETAILS
(2010) - 7 34" x 18" DRAINAGE INLET DETAILS
(2010) - 8 DRAINAGE INLET TOP UNIT, TYPE S
(2010) - 9 DOGHOUSE INLET BOX

SECTION III - DRAINAGE (CONT'D)

SHEET NO. NAME

D-6 – MAHOLE DETAILS
(2009) - 1 BOX MANHOLE ASSEMBLY
(2001) - 2 ROUND MANHOLE ASSEMBLY
(2001) - 3 MANHOLE, TOP UNIT, FRAME AND COVER
(2007) - 4 BOX MANHOLE COVER SLAB
D-7 – JUNCTION BOX DETAILS
(2009) - 1 JUNCTION BOX ASSEMBLY
(2007) - 2 JUNCTION BOX COVER SLAB
D-8 (2010) – PIPE BEDDING
D-9 (2008) – PERFORATED PIPE UNDERDRAIN
D-10 (2011) – PIPE PLUGGING DETAIL

SECTION IV - EROSION

SHEET NO. NAME

E-1 (2001) – INCREMENTAL STABILIZATION
E-2 (2006) – SILT FENCE
E-3 (2005) – DRAINAGE INLET SEDIMENT CONTROL
E-4 – RESERVED
E-5 (2006) – STONE CHECK DAM
E-6 (2005) – SEDIMENT TRAP
E-7 (2005) – SEDIMENT TRAP, USING DRAINAGE INLET AS OUTLET
E-8 – RISER PIPE ASSEMBLY FOR SEDIMENT TRAP
(2006) - 1 ELEVATION
(2006) - 2 TRASH HOOD DETAILS
E-9 (2005) – EROSION CONTROL BLANKET APPLICATIONS
E-10 (2005) – RIPRAP DITCH
E-11 (2005) – TEMPORARY SWALE
E-12 (2005) – PERIMETER DIKE/SWALE
E-13 (2005) – EARTH DIKE
E-14 (2005) – TEMPORARY SLOPE DRAIN
E-15 (2005) – STILLING WELL
E-16 (2005) – SUMP PIT, TYPES 1 AND 2
E-17 (2005) – DEWATERING BASIN
E-18 (2005) – GEOTEXTILE-LINED CHANNEL DIVERSION
E-19 (2005) – SANDBAG DIVERSION
E-20 (2005) – SANDBAG DIKE
E-21 (2005) – STABILIZED CONSTRUCTION ENTRANCE
E-22 (2012) – SKIMMER DEWATERING DEVICE
E-23 – TURBIDITY CURTAIN
(2005) - 1 FLOATING TURBIDITY CURTAIN
(2005) - 2 STAKED TURBIDITY CURTAIN
E-24 (2005) – PORTABLE SEDIMENT TANK
E-25 (2005) – TURF REINFORCEMENT MAT APPLICATIONS
E-26 (2006) – RIPRAP ENERGY DISSIPATOR DETAIL

SECTION V - LANDSCAPING

SHEET NO. NAME

L-1 – PLANTING DETAILS
(2006) - 1 ROADSIDE SHRUB PLANTING DETAIL
(2006) - 2 TREE PLANTING DETAIL
(2006) - 3 PERENNIAL/GROUND COVER PLANTING DETAIL

SECTION VI - MISCELLANEOUS

SHEET NO. NAME

M-1 (2001) – RIGHT-OF-WAY FENCE
M-2 (2011) – RIGHT-OF-WAY MONUMENTATION
M-3 (2009) – BOLLARD AND SHARED-USE PATH DETAILS
M-4 (2011) – BIKE RACK LAYOUT DETAILS
M-5 (2004) – WOOD RAIL FENCE
M-6 (2011) – PATTERNED HOT-MIX OR CONCRETE & BRICK PAVER DETAILS
M-7 (2006) – CHAIN LINK FENCE DETAILS
M-8 (2007) – P.C.C. PARKING BUMPER

SECTION VII - PAVEMENT

SHEET NO. NAME

P-1 – P.C.C. PAVEMENT
(2001) - 1 SLAB PLAN (WITH DOWEL AND TIE LOCATIONS)
(2004) - 2 JOINT AND SEALANT DETAILS
(2001) - 3 W BOLT, HOOK BOLT, DOWEL AND TIE BAR DETAILS
(2001) - 4 DOWEL SUPPORT BASKET
(2001) - 5 DOWEL AND TIE BAR PLACEMENT TOLERANCES
P-2 – P.C.C. PAVEMENT PATCHING
(2008) - 1 FULL DEPTH PATCH, PLAN VIEW
(2008) - 2 FULL DEPTH PATCH, SECTION VIEWS
(2004) - 3 FULL DEPTH PATCH, SEALANT DETAILS, GROUT RETENTION DISK, AND DOWEL BAR
(2001) - 4 FULL DEPTH PATCH, DOWEL AND TIE BAR PLACEMENT TOLERANCES
(2001) - 5 PARTIAL DEPTH PATCH, PLAN AND SECTION VIEWS
P-3 (2012) – BUTT JOINTS

SECTION VIII - TRAFFIC

SHEET NO.	NAME
T-1	– CONDUIT JUNCTION WELLS
(2012) - 1	TYPES 1, 2, & 3
(2012) - 2	TYPE 4
(2012) - 3	TYPE 5
T-2 (2011)	– JUNCTION WELL, GROUNDING & BONDING FOR STEEL FRAMES & LIDS
T-3	– CONDUIT JUNCTION WELLS
(2012) - 1	TYPE 11
(2012) - 2	TYPE 14
(2012) - 3	TYPE 15
T-4	– CABINET BASES
(2012) - 1	TYPES M & F
(2012) - 2	TYPES P & R
T-5	– POLE BASES
(2012) - 1	ROUND BASE & ROUND BASE WITH SQUARE FOUNDATION
(2012) - 2	TYPICAL SECTION AND INSTALLATION (BASES 1, 2, 2A, 2B, 3, 3A, 3B, AND 7)
(2012) - 3	TYPICAL SECTION (BASES 5 AND 6), TYPE 7 GROUND ROD DETAIL, AND POLE BASE DATA CHART
(2012) - 4	TYPICAL SECTION (BASE 4) AND ANCHOR DETAIL
T-6 (2011)	– SPECIAL POLE BASE
T-7 (2005)	– SIGN FOUNDATION
T-8 (2012)	– LOOP DETECTOR TO CONDUIT CONNECTION
T-9 (2012)	– LOOP DETECTOR INSTALLATION & SPLICE KIT DETAILS
T-10	– **DETAIL REMOVED IN 2012 REVISION**
T-11	– INTERMEDIATE MESSENGER WIRE ATTACHMENT
(2005) - 1	INTERMEDIATE MESSENGER WIRE ATTACHMENT ON WOOD POLES
(2005) - 2	ANGULAR INTERMEDIATE MESSENGER WIRE ATTACHMENT
T-12	– MESSENGER WIRE ATTACHMENT
(2005) - 1	SPAN WIRE ATTACHMENT BETWEEN POLES
(2005) - 2	DEAD END MESSENGER WIRE ATTACHMENT
T-13	– CONDUIT JUNCTION WELLS
(2005) - 1	TYPE 6
(2006) - 2	TYPE 7
(2006) - 3	TYPES 8 AND 10
T-14	– EMERGENCY PREEMPTION RECIEVER
(2006) - 1	UPRIGHT MOUNT
(2005) - 2	INVERTED MOUNT
T-15 (2009)	– BREAKAWAY SIGN POST AND PIN ASSEMBLY DETAILS
T-16 (2010)	– WOOD BARRICADE DETAILS