

STANDARD NUMBER DESCRIPTION

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SECTION A – ROADWAY /PAVEMENT

A1-02 CONCRETE PAVEMENT REPAIR FULL DEPTH  
A2-02 PAVEMENT REPAIR PARTIAL DEPTH  
A3-01 ASPHALT PRESSURE RELIEF JOINTS  
A4-01 BUTT JOINTS  
A5-01 J.P.C. PAVEMENT 12" OR LESS  
A6-01 J.P.C. PAVEMENT - 13"  
A7-01 PAVEMENT JOINTS  
A8-01 2-LANE CRC PAVEMENT (WITH LUG SYSTEM)  
A9-01 3-LANE CRC PAVEMENT (WITH LUG SYSTEM)  
A10-01 4-LANE CRC PAVEMENT (WITH LUG SYSTEM)  
A11-01 5-LANE CRC PAVEMENT (WITH LUG SYSTEM)  
A12-00 BAR REINFORCEMENT FOR CRC PAVEMENT  
A13-01 CRC ROADWAY TRANSITION PAVEMENT  
A14-00 JOINTING PLAN ENTRANCE RAMP TERMINAL  
A15-00 JOINTING PLAN EXIT RAMP TERMINAL  
A16-00 JOINTING PLAN PARALLEL EXIT RAMP TERMINAL  
A17-00 JOINTING PLAN PARALLEL ENTRANCE RAMP TERMINAL  
A18-02 PRECAST PAVEMENT SLABS

SECTION B – DRAINAGE STRUCTURES, CURBS, CURB AND GUTTER AND DITCHES

B1-05 GUTTER AND CURB DETAILS  
B2-04 TYPE G-2 AND G-3 GUTTER TRANSITIONS  
B3-04 TYPE G-2/G-3 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T6  
B4-01 DITCHES AND DITCH DIKE  
B5-01 CONCRETE FLUME DETAILS  
B6-04 HEADWALL TYPE III 18"-24"-30"-36"-42"-48" FOR 1:4, 1:6 AND 1:10 SLOPES  
B7-02 CATCH BASIN TYPE B AND SLOPE DRAIN  
B8-04 CATCH BASINS TYPE G AND TYPE G MODIFIED, FRAMES AND GRATES TYPE G-2, G-3 AND G-3 MODIFIED  
B9-02 SLOPED HEADWALLS TYPE I AND TYPE II  
B10-06 SLOPED HEADWALLS TYPE III DETAILS  
B11-03 SLOPED HEADWALLS TYPE IV DETAILS  
B12-04 TRENCH DRAIN DETAIL  
B13-04 SAFETY END TREATMENT FOR SINGLE CULVERTS 0° SKEW; 1:4 SLOPE; H ≤ 4'  
B14-04 SAFETY END TREATMENT FOR SINGLE AND MULTIPLE CULVERTS 0° SKEW; 1:4 SLOPE; H ≤ 8'  
B15-03 SAFETY END TREATMENT FOR SINGLE CULVERTS 15° SKEW; 1:4 SLOPE; H ≤ 4'  
B16-04 SAFETY END TREATMENT FOR SINGLE AND MULTIPLE CULVERTS 15° SKEW; 1:4 SLOPE; H ≤ 8'  
B17-03 SAFETY END TREATMENT FOR SINGLE CULVERTS 30° SKEW; 1:4 SLOPE; H ≤ 4'  
B18-04 SAFETY END TREATMENT FOR SINGLE AND MULTIPLE CULVERTS 30° SKEW; 1:4 SLOPE; H ≤ 8'  
B19-01 EROSION PROTECTION  
B20-03 HEADWALL TYPE IV CONCRETE BOX CULVERT ≤ 84" WIDTH  
B21-02 STEEL GRATE FOR HEADWALL TYPE IV BOX CULVERT ≤ 84" WIDTH  
B22-02 HEADWALL TYPE IV METAL PIPE AND PIPE-ARCH CULVERT  
B23-02 STEEL GRATE FOR HEADWALL TYPE IV PIPE & PIPE-ARCH CULVERTS  
B24-02 PIPE UNDERDRAINS  
B25-01 FRAME AND GRATE TYPE 20A  
B26-01 FRAME AND GRATE TYPE 21A  
B27-01 FRAME AND GRATE TYPE 22A  
B28-02 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL)  
B29-01 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)  
B30-01 HEADWALLS TYPE I AND TYPE II

SECTION C – GUARDRAIL /MEDIAN BARRIER

C1-07 GALVANIZED STEEL PLATE BEAM GUARDRAIL  
C2-00 RESERVED  
C3-04 SINGLE FACE REINFORCED CONCRETE BARRIER  
C4-04 CONCRETE SHOULDER BARRIER TRANSITION  
C5-03 CONCRETE BARRIER BASE AND CONCRETE BARRIER, DOUBLE FACED, 42" AND VARIABLE HEIGHT  
C6-06 SHOULDER WIDENING FOR TYPE T1 (SPECIAL) GUARDRAIL TERMINALS  
C7-05 TRAFFIC BARRIER TERMINAL, TYPE T2  
C8-00 RESERVED  
C9-05 TRAFFIC BARRIER TERMINAL, TYPE T6  
C10-05 TRAFFIC BARRIER TERMINAL, TYPE T6B  
C11-04 TRAFFIC BARRIER TERMINAL, TYPE T10  
C12-04 TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)  
C13-02 CONCRETE MEDIAN BARRIER TRANSITION, TYPE V-F AT BRIDGE PIERS  
C14-00 CONCRETE BARRIER TRANSITION, TYPE V AT BRIDGE PIERS

SECTION D – ROADWAY APPURTENANCES (FENCE, SYMBOLS, MARKERS AND DELINEATORS)

D1-03 RIGHT OF WAY FENCE  
D2-02 SYMBOLS AND PATTERNS  
D3-01 PERMANENT SURVEY MONUMENTS AND RIGHT-OF-WAY MARKERS  
D4-03 DELINEATORS  
D5-05 PERMANENT PAVEMENT MARKINGS  
D6-04 PAVEMENT MARKING AND SHOULDER RUMBLE STRIP DETAILS  
D7-01 LANDSCAPE PLANTING DETAILS  
D8-01 RAISED PAVEMENT LANE MARKER

SECTION E – MAINTENANCE OF TRAFFIC

E1-04 CONSTRUCTION SIGNS  
E2-04 LANE CLOSURE DETAILS  
E3-03 SHOULDER CLOSURE DETAILS  
E4-04 MAINTENANCE OF TRAFFIC REVERSE CURVE  
E5-03 TEMPORARY GORE DETAILS  
E6-02 CONTRACTOR ACCESS TO WORK AREA  
E7-03 PULL-OUT AREA

SECTION F – SIGN STRUCTURE

F1-04 OVERHEAD SIGN STRUCTURE - SPAN TYPE, STRUCTURE DETAILS  
F2-00 RESERVED  
F3-00 RESERVED  
F4-05 OVERHEAD SIGN STRUCTURE - CANTILEVER TYPE, STRUCTURE DETAILS  
F5-00 RESERVED  
F6-00 RESERVED  
F7-00 RESERVED  
F8-04 OVERHEAD SIGN STRUCTURE SIGN & LUMINAIRE SUPPORTS  
F9-04 BREAKAWAY SIGN SUPPORT DETAILS  
F10-02 MISCELLANEOUS DETAILS AND ALUMINUM SIGN PANELS  
F11-03 MILEPOST MARKER  
F12-00 MOUNTING DETAILS FOR RETRO FITTING NEW EXIT SIGN PANELS  
F13-00 OVERHEAD SIGN STRUCTURE - MONOTUBE TYPE (STEEL), STRUCTURE DETAILS  
F14-00 OVERHEAD SIGN STRUCTURE - BUTTERFLY TYPE, STRUCTURE DETAILS

SECTION G – STRUCTURAL

G1-00 RESERVED  
G2-02 SLOPEWALL DETAILS  
G3-03 APPROACH SLAB TO J.P.C. PAVEMENT, MAINLINE  
G4-00 RESERVED  
G5-00 RESERVED  
G6-03 APPROACH SLAB TO CRC PAVEMENT, MAINLINE  
G7-00 RESERVED  
G8-00 RESERVED  
G9-03 APPROACH SLAB, RAMP  
G10-00 APPROACH SLAB TO J.P.C. PAVEMENT, MAINLINE - 3 LANES  
G11-00 APPROACH SLAB TO J.P.C. PAVEMENT, MAINLINE - 4 LANES

SECTION H – ROADWAY LIGHTING AND ELECTRICAL

H1-03 LIGHT STANDARD FOUNDATION  
H2-02 LIGHT STANDARD POLE WIRING  
H3-02 WINGWALL CONDUIT DETAILS  
H4-01 BURIED WIRING DETAILS  
H5-01 UNDERGROUND WIRING DETAILS  
H6-02 OUTDOOR CONTROL CONSOLE DETAILS  
H7-01 OUTDOOR CONTROL CONSOLE FOUNDATION DETAILS  
H8-02 MEDIAN BARRIER LIGHT POLE FOUNDATION DETAILS  
H9-00 RESERVED  
H10-01 BRIDGE MOUNT SIGN LIGHTING TYPICAL WIRING  
H11-02 OVERHEAD TRUSS SIGN LIGHTING WITHOUT CATWALK TYPICAL WIRING DETAILS  
H12-01 CANTILEVER SIGN LIGHTING WITHOUT CATWALK TYPICAL WIRING DETAILS  
H13-00 RESERVED  
H14-01 SIGN LUMINAIRE MOUNTING DETAIL AND WIRING DIAGRAMS  
H15-01 OVERHEAD TRUSS AND CANTILEVER SIGN WITHOUT LIGHTING OR CATWALK TYPICAL DETAILS

SECTION K – TEMPORARY EROSION CONTROL

K1-04 TEMPORARY EROSION AND SEDIMENT CONTROLS



DATE	REVISIONS
1-1-2011	REVISED SECTION NUMBERS AND DESCRIPTIONS.
2-7-2012	REVISED SECTION NUMBERS AND DESCRIPTIONS.
11-1-2012	REVISED SECTION NUMBERS AND DESCRIPTIONS.
3-1-2013	REVISED SECTION NUMBERS AND DESCRIPTIONS.
3-31-2014	REVISED DRAWING NUMBERS AND TITLES, AND ADDED SECOND INDEX SHEET.

APPROVED *Paul Kovacs* CHIEF ENGINEER DATE 1-1-2011

STANDARD NUMBER	DESCRIPTION
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SECTION M – BASE DRAWINGS

BASE SHEET M1	EXPANSION JOINT FRAME RAIL AND SEAL ALTERNATIVE A
BASE SHEET M2	EXPANSION JOINT FRAME RAIL AND SEAL ALTERNATIVE B
BASE SHEET M3	EXPANSION JOINT FRAME RAIL SUPPORT SYSTEM
BASE SHEET M4	BRIDGE (CONCRETE) MOUNTED SIGN SUPPORT
BASE SHEET M5	BRIDGE (STEEL) MOUNTED SIGN SUPPORT
BASE SHEET M6	BRIDGE EXPANSION JOINTS REPLACEMENT AND CONSTRUCTION DETAILS
BASE SHEET M7	PRESSURE RELIEF JOINT REPAIR
BASE SHEET M8A	CRASH WALL MODIFICATIONS MEDIAN PIERS
BASE SHEET M8B	CRASH WALL MODIFICATIONS SHOULDER PIERS
BASE SHEET M9	MSE WALL/INTEGRAL ABUTMENT DETAIL
BASE SHEET M10	TEMPORARY CONCRETE BARRIER "Y" CONNECTOR SEGMENT
BASE SHEET M11	TEMPORARY PIPE SLOPE DRAIN
BASE SHEET M12	STONE OUTLET STRUCTURE SEDIMENT TRAP
BASE SHEET M13	DEWATERING BASIN
BASE SHEET M14	TEMPORARY SWALE
BASE SHEET M15	DIVERSION DIKE
BASE SHEET M16	SEDIMENT BASIN DEWATERING DEVICE
BASE SHEET M17	SEDIMENT BASIN AGGREGATE BERM
BASE SHEET M18	TEMPORARY SEDIMENT SILTER BAG
BASE SHEET M19	ROADWAY TYPICAL SECTIONS - GROUP A
BASE SHEET M20	ROADWAY TYPICAL SECTIONS - GROUP B
BASE SHEET M21	ROADWAY TYPICAL SECTIONS - GROUP C
BASE SHEET M22	ROADWAY TYPICAL SECTIONS - GROUP D
BASE SHEET M23	ROADWAY TYPICAL SECTIONS - GROUP E
BASE SHEET M24	ROADWAY TYPICAL SECTIONS - GROUP F
BASE SHEET M25	ROADWAY TYPICAL SECTIONS - GROUP G
BASE SHEET M26	OUTLET CONTROL STRUCTURES - CHECK DAM DETAILS
BASE SHEET M27	OVERHEAD SIGN STRUCTURES - SPAN TYPE SUMMARY AND TOTAL BILL OF MATERIAL
BASE SHEET M28	OVERHEAD SIGN STRUCTURES - CANTILEVER TYPE SUMMARY AND TOTAL BILL OF MATERIAL
BASE SHEET M29	OVERHEAD SIGN STRUCTURES - MONOTUBE ENTRANCE TYPE SUMMARY AND TOTAL BILL OF MATERIAL
BASE SHEET M30	OVERHEAD SIGN STRUCTURES - MONOTUBE EXIT TYPE SUMMARY AND TOTAL BILL OF MATERIAL
BASE SHEET M31	OVERHEAD SIGN STRUCTURES - BUTTERFLY TYPE SUMMARY AND TOTAL BILL OF MATERIAL
BASE SHEET M32	RESERVED
BASE SHEET M33	RESERVED
BASE SHEET M34	45" PPC BULB-T BEAM
BASE SHEET M35	45" PPC BULB-T DETAILS
BASE SHEET M36	54" PPC BULB-T BEAM
BASE SHEET M37	54" PPC BULB-T DETAILS
BASE SHEET M38	72" PPC BULB-T BEAM
BASE SHEET M39	72" PPC BULB-T DETAILS
BASE SHEET M40	45", 54" & 72" PPC BULB-T BEAM DETAILS
BASE SHEET M41	RESERVED
BASE SHEET M42	45", 54" PPC BULB-T BEAM DETAILS
BASE SHEET M43	INTERIOR STEEL DIAPHRAGMS FOR 72" PPC BULB-T BEAM DETAILS
BASE SHEET M44	EARTHWORK SCHEDULE



INDEX OF STANDARD DRAWINGS

APPROVED *Paul Kovacs* CHIEF ENGINEER DATE 1-1-2011