| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| CONST. | 2017 | HSIP-106(33) | 1A1 |
| | | | |
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# STANDARD TRAFFIC OPERATIONS DRAWINGS

| DWG. | REV. | DESCRIPTION |
|---|---|---|
| **SIGNS** | | |
| T-S-7 | 02-12-91 | HIGHWAY SHIELDS USED ON INTERSTATE AND U.S. NUMBERED ROUTES |
| T-S-8 | 07-15-91 | HIGHWAY SHIELDS USED ON STATE NUMBERED ROUTES AND ARROWS |
| T-S-9 | 06-10-14 | STANDARD LAYOUT GROUND MOUNTED SIGNS |
| T-S-10 | 04-04-12 | STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN |
| T-S-11 | 06-06-11 | DELINEATOR AND MILEPOST DETAILS |
| T-S-12 | 07-02-15 | STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, SQUARE TUBES |
| T-S-16 | 07-02-15 | GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS |
| T-S-16A | 07-02-15 | GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS |
| T-S-17 | 07-02-15 | STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE |
| T-S-18 | 02-14-14 | END OF ROADWAY, DEAD END SIGNS, AND METAL BARRICADES (TYPE III) |
| T-S-19 | 07-19-15 | STANDARD STEEL SIGN SUPPORTS |
| T-S-20 | 11-01-11 | SIGN DETAILS |
| T-S-23A | 07-02-15 | MULTI-DIRECTIONAL SLIP BASE BREAKAWAY P-POST SIGN SUPPORT |
| T-S-23C | 07-02-15 | BREAKAWAY POST SIGN SUPPORTS |
| T-S-24 | 08-02-13 | DETAILS OF SIGN WITH SOLAR FLASHING ASSEMBLY |
| **SIGNALS** | | |
| T-SG-2 | 06-27-16 | LOOP LEAD-INS, CONDUIT AND PULL BOXES |
| T-SG-3 | 06-27-16 | STANDARD NOTES AND DETAILS OF INDUCTIVE LOOPS |
| T-SG-4 | 06-27-16 | SPAN WIRE AND MESSENGER CABLE DETAILS |
| T-SG-5 | 06-27-16 | CONTROLLER CABINET DETAILS |
| T-SG-7 | 06-27-16 | SIGNAL HEAD ASSEMBLIES |
| T-SG-7A | | TYPICAL SIGNAL HEAD PLACEMENT APPROACHES WITH NO THROUGH MOVEMENTS |
| T-SG-7B | | TYPICAL SIGNAL HEAD PLACEMENT APPROACHES WITH NO THROUGH MOVEMENTS |
| T-SG-7C | | TYPICAL SIGNAL HEAD PLACEMENT ONE-LANE AND TWO-LANE APPROACHES |
| T-SG-7D | | TYPICAL SIGNAL HEAD PLACEMENT - TWO-LANE APPROACHES |
| T-SG-9 | 06-27-16 | DETAILS OF CANTILEVER SIGNAL SUPPORT |
| T-SG-9A | 06-27-16 | MISCELLANEOUS SIGNAL DETAILS |
| T-SG-10 | 06-27-16 | MAST ARM POLE AND STRAIN POLES FOUNDATION DETAILS |
| T-SG-12 | 06-27-16 | TYPICAL WIRING FOR SIGNAL HEADS AND DETECTION LOOPS |
| T-SG-13 | 06-27-16 | FLASHING BEACON DETAIL |

# STANDARD STRUCTURE DRAWINGS

| DWG. | REV. | DESCRIPTION |
|---|---|---|
| **LRFD BOX CULVERTS** | | |
| STD-17-1 | | INDEX OF DRAWINGS |
| STD-17-2 | | TERMINOLOGY |
| STD-17-3 | | GENERAL NOTES |
| STD-17-4 | | DESIGN SECTION LIMITS |
| STD-17-5 | | TYPICAL SECTION AND DETAILS |
| STD-17-7 | | CURB, RAIL & EDGE BEAM DETAILS - SKEW NOT LESS THAN 45 DEG. |
| STD-17-9 | | INTERIOR WALL END TREATMENTS |
| STD-17-10 | | TYPICAL WINGWALL DETAILS AND NOTES |
| STD-17-11 | | WINGWALL DIMENSIONS AND QUANTITIES |
| STD-17-16 | | WINGWALL DESIGN SECTION |
| STD-17-17 | 06-01-11 | BACKFILL AND DRAINAGE DETAILS |
| STD-17-18 | | BACKFILL DETAILS |
| STD-17-26 | | EXTENSION DETAILS |
| STD-17-27 | | EXTENSION DETAILS FOR SCOURED OUTLET |
| STD-17-28 | | END SECTION DETAILS |
| STD-17-162 | | SLAB BRIDGE, 3 BARRELS AT 16', CLEAR HTS. 6' - 8', 0 - 60' FILL |

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD TRAFFIC OPERATIONS & STRUCTURE DRAWINGS

IB-17-03

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