ADOT STANDARD DRAWINGS
TRAFFIC SIGNAL AND LIGHTING STANDARDS
(SHEET 2 OF 2)
EFFECTIVE MAY 2021

TRAFFIC SIGNAL DETECTORS
03/10 7-1 SHT 1 LOOP DETECTOR LOCATION SAWCUT PATTERNS AND INSTALLATION DETAILS
03/10 7-1 SHT 2 SAW CUT AND CORING DETAILS
03/10 7-1 SHT 3 SAW CUT AND CORING DETAILS
03/10 7-1 SHT 4 TYPICAL DETECTOR LOOP LEAD-IN ROAD TO PULL BOX DETAIL
03/10 7-1 SHT 5 LOOP DETECTOR LOCATION AND INSTALLATION DETAILS
03/10 7-2 PRE-FORMED LOOP DETECTORS FOR RAMP METERING AND COUNTING
03/10 7-3 PRE-FORMED LOOP DETECTORS IN BRIDGE DECK
03/10 7-4 PRE-FORMED LOOP DETECTORS IN PCCP
03/10 7-5 TYPICAL PRE-FORMED LOOP DETECTORS STUB-OUT DETAIL

SIGNAL ASSEMBLIES
06/19 8-0 TRAFFIC SIGNAL, VEHICLE FACE ASSEMBLY REQUIREMENTS AND DETAILS
06/19 8-1 VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
06/19 8-2 VEHICLE TRAFFIC SIGNAL FACE ASSEMBLY
01/12 8-3 SHT 1 12-INCH VEHICLE TRAFFIC SIGNAL HOUSING SECTION
01/12 8-4 SHT 2 12-INCH VEHICLE TRAFFIC SIGNAL HOUSING SECTION DETAILS
01/12 8-5 SHT 3 VEHICLE TRAFFIC SIGNAL HOUSING SECTION DETAILS
03/10 8-6 SHT 4 VISORS FOR 8-INCH AND 12-INCH TRAFFIC SIGNAL FACE ASSEMBLIES
01/12 8-7 SHT 5 FLASHING BEACON SIGNAL FACE ASSEMBLY
01/12 8-8 SHT 6 LED LAMP FOR PROGRAMMED VISIBILITY SIGNAL
01/12 8-9 SHT 7 PEDESTRIAN SIGNAL ASSEMBLY REQUIREMENTS AND DETAILS
01/12 8-10 SHT 8 PEDESTRIAN SIGNAL ASSEMBLY HOUSING
01/12 8-11 SHT 9 PEDESTRIAN SIGNAL ASSEMBLY VISOR

Mounting Assemblies - Signal
03/10 9-0 SHT 1 MOUNTING ASSEMBLY GENERAL REQUIREMENTS
03/10 9-1 SHT 2 MOUNTING ASSEMBLY GENERAL REQUIREMENTS
03/10 9-2 SHT 3 MOUNTING ASSEMBLY GENERAL REQUIREMENTS
01/13 9-3 SHT 4 TYPE I AND II MOUNTING ASSEMBLIES
03/10 9-4 SHT 5 TYPE III AND IV MOUNTING ASSEMBLIES
03/10 9-5 SHT 6 TYPE V MOUNTING ASSEMBLY
03/10 9-6 SHT 7 TYPE VI MOUNTING ASSEMBLY
03/10 9-7 SHT 8 TYPE VII MOUNTING ASSEMBLY
03/10 9-8 SHT 9 TYPE VIII MOUNTING ASSEMBLY
03/10 9-9 SHT 10 TYPE IX MOUNTING ASSEMBLY

Mounting Castings - Signal
03/10 10-1 SHT 1 MISCELLANEOUS SIGNAL MOUNTING PARTS
03/10 10-2 SHT 2 MAST ARM MOUNTING PLUMMERS
03/10 10-3 SHT 3 SIGNAL MOUNTING POLE PLATE DETAILS
03/10 10-4 SHT 4 TERMINAL COMPARTMENT, SIDE MOUNTED AND POLE TOP MOUNTED

Pedestrian Details
03/10 11-1 SHT 1 TYPE I PEDESTRIAN PUSH BUTTON HOUSING ASSEMBLY
03/10 11-2 SHT 2 CAN STYLE PEDESTRIAN PUSH BUTTON

Flashers
03/10 12-1 SHT 1 ADVANCE WARNING FLASHER POLE DETAIL
03/10 12-2 SHT 2 ADVANCE WARNING FLASHER POLE SIGN MOUNTING DETAILS
03/10 12-3 SHT 3 ADVANCE WARNING FLASHER SIGN DETAIL

Illumination - Signs
03/10 13-1 SHT 1 SIGN LIGHTING DETAIL FOR TUBULAR SIGN STRUCTURES
03/10 13-2 SHT 2 FUSE PANEL DETAILS FOR SIGN LIGHTING
03/10 13-3 SHT 3 PLACEMENT OF LIGHTING FIXTURES FOR OVERHEAD SIGNS

Illumination - Special
03/10 14-1 SHT 1 HIGH PRESSURE SODIUM (HPS) LAMPS
03/10 14-2 SHT 2 HIGH PRESSURE SODIUM (HPS) LAMPS
03/10 14-3 SHT 3 HIGH PRESSURE SODIUM (HPS) LAMPS
03/10 14-4 SHT 4 PEDESTRIAN BRIDGE LIGHTING DETAILS