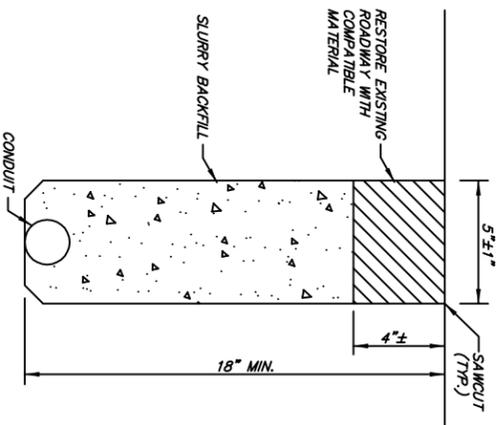
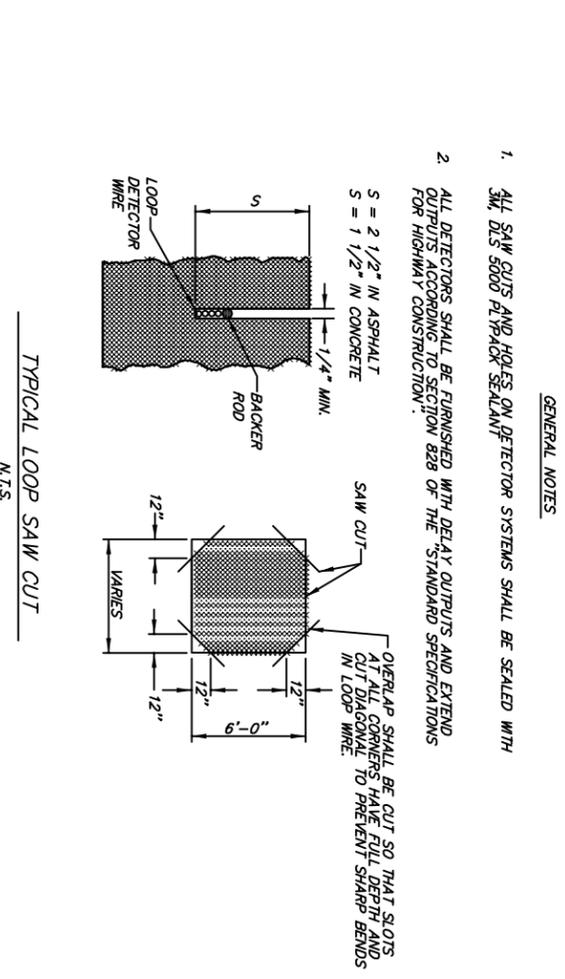


TYPICAL DETECTOR WIRE AND LOOP PLACEMENT
N.T.S.
TS.5.1



NOTE:
DETAIL TO BE USED ONLY WHERE BORING OF CONDUIT UNDER ROADWAY OR DRIVEWAY IS NOT FEASIBLE.

CONDUIT TRENCH IN ROADWAY
N.T.S.
TS.5.3



TYPICAL LOOP SAW CUT
N.T.S.
TS.5.2

- GENERAL NOTES:
1. LOOPS WITH A PERIMETER LESS THAN OR EQUAL TO 40' SHALL HAVE THREE TURNS, UNLESS OTHERWISE NOTED ON THE PLANS. ALL OTHER LOOPS TO HAVE 2 TURNS.
 2. LOOP AND FEEDER WIRE SHALL BE CONTINUOUS WITHOUT SPICES EXCEPT AT THE LOOP / FEEDER WIRE SPICE AS SHOWN ON DETAIL TS.6.1. SPICE SHALL BE ROSIN SOLDERED AND WATERPROOFED WITH AN ACCEPTED SPICE KIT. DRAIN WIRE SHALL BE GROUNDED IN CABINET AND INSULATED AT LOOP FEEDER SPICE.
 3. THE LOOP FEEDER SPICE, FEEDER JACKET AND JACKET OF LOOP WIRE IN DUCT SHALL BE COMPLETELY SEALED AND WATERPROOFED.
 4. EACH LOOP SHALL HAVE A SEPARATE "FEEDER WIRE" UNLESS OTHERWISE NOTED. ALL FEEDER WIRES SHALL BE LABELED AS TO LOOP NUMBER AS DESIGNATED ON THE PLANS.
 5. ALL LOOP WIRE ENTERING PULL BOXES SHALL BE ENCLOSED IN CONDUIT. EACH LOOP WIRE SHALL ENTER PULL BOX OR POLE BASE THROUGH A SEPARATE PIECE OF 1 INCH DIAMETER CONDUIT.
 6. LOOP WIRE FROM LOOP TO CONDUIT IS NOT TWISTED. LOOP WIRE IN THE CONDUIT MUST BE TWISTED TWO TO FIVE TURNS PER FOOT.
 7. WARRANTY PERIOD FOR LOOPS SHALL NOT COMMENCE UNTIL ACCEPTED BY THE ENGINEER.

GENERAL NOTES

1. ALL SAW CUTS AND HOLES ON DETECTOR SYSTEMS SHALL BE SEALED WITH 3M DLS 3000 FLEXPACK SEALANT
2. ALL DETECTORS SHALL BE FURNISHED WITH DELAY OUTPUTS AND EXTEND TO THE CONDUIT TO SECTION 828 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

S = 2 1/2" IN ASPHALT
S = 1 1/2" IN CONCRETE
OVERLAP SHALL BE CUT SO THAT SLOTS AT ALL CORNERS HAVE FULL DEPTH AND CUT DIAGONAL TO PREVENT SHARP BENDS IN LOOP WIRE.