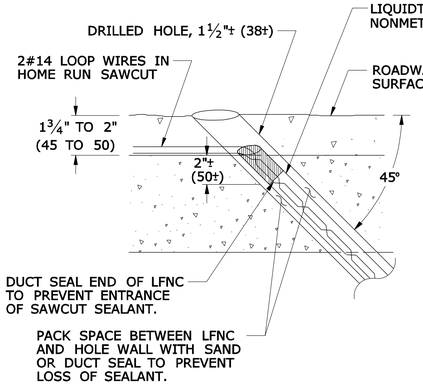
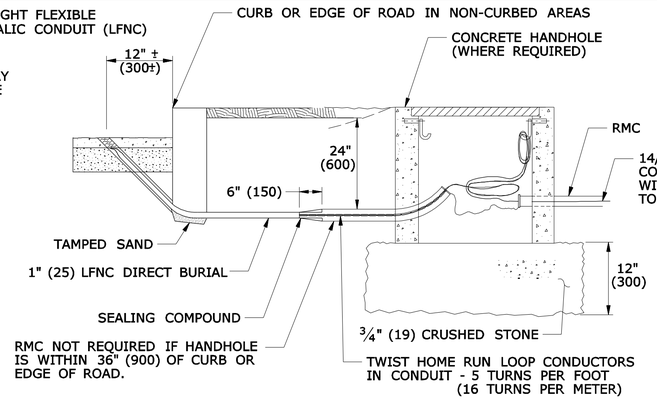
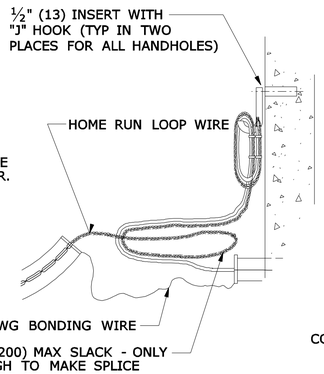


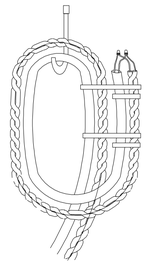
DETAIL "A"



TYPICAL ELEVATION VIEW
LOOP DETECTOR SAWCUT AND LEAD-IN

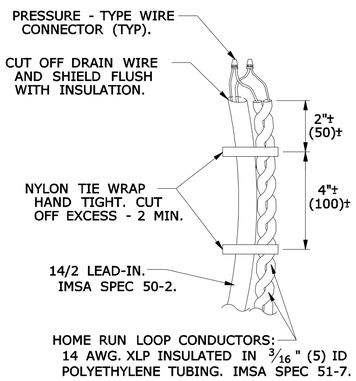


DETAIL "B"

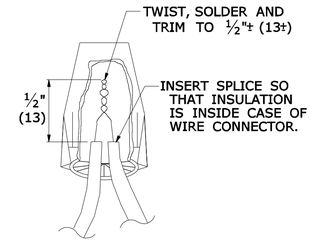


TIE WRAP SO WIRE CONNECTORS ARE POINTED UP.

DETAIL "C"
FRONT VIEW

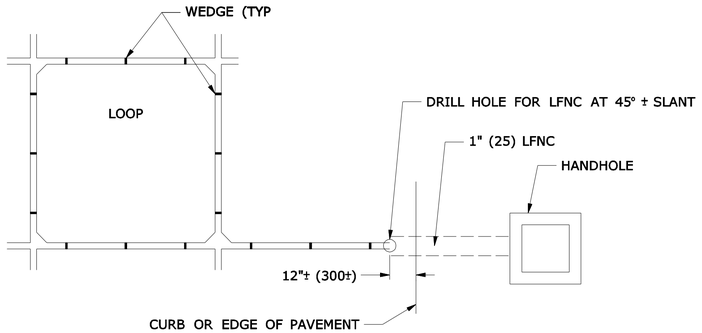


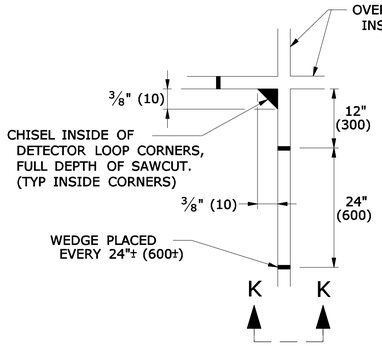
DETAIL "D"



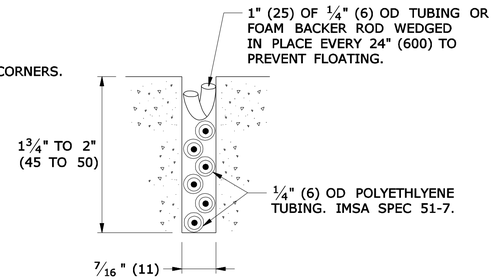
NOTE:
WATER RESISTANT CONNECTOR DESIGNED FOR WET, DAMP AND CORROSIVE APPLICATIONS. ONE TIME USE ONLY. DISCARD ALL REMOVED CONNECTORS.

DETAIL "E"

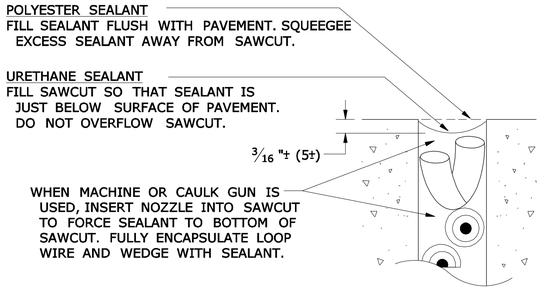




DETAIL "J"

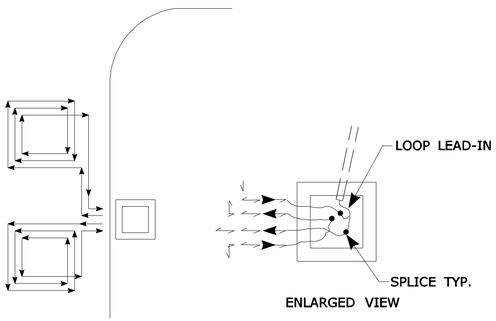


DETAIL "K"



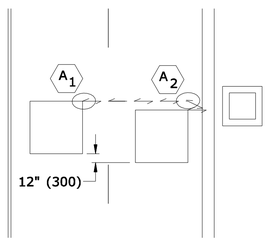
DETAIL "L"

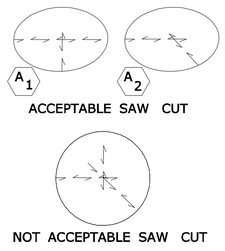
NOTES:
ONLY USE POLYESTER COMPOUND AS SEALANT, UNLESS OTHER TYPE IS APPROVED BY ENGINEER.
REFER TO STANDARD SPECIFICATIONS, SECTION 11-11.
WET SAW UNLESS DRY SAW IS APPROVED BY ENGINEER.
RECOMMENDED SAW BLADE: 14" x ⅜" (350 x 10) PRODUCES 7/16" (11) SLOT.

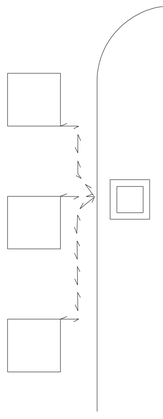


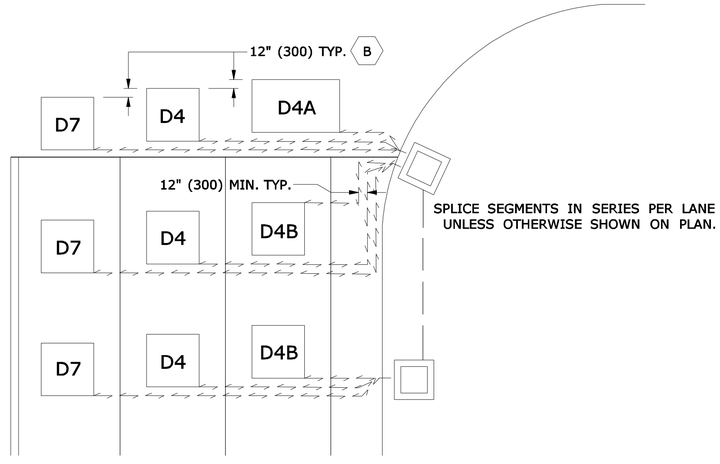
TYPICAL WINDING
SEGMENTED LOOPS, 3 TURNS EACH

NOTE:
TO CREATE A UNIFORM MAGNETIC FIELD, WIND ADJACENT LOOPS IN OPPOSITE DIRECTIONS.









LEGEND AS SHOWN ON TRAFFIC CONTROL SIGNAL PLAN:
- INDUCTIVE LOOP DETECTOR
- SAW CUT
- RIGID METAL CONDUIT
- HANDHOLE

(A) DO NOT OVERLAP MORE THAN TWO SAWCUTS.

(B) OFFSET ADJACENT INSIDE LANE(S) LOOP SEGMENTS 12" (300) ± SO THAT SAWCUT FROM CORNER OF LOOP TO CURB IS STRAIGHT.
LOOP NUMBERS AND PLACEMENT ARE FOR EXAMPLE ONLY.

REV.	DATE	INIT	REVISION DESCRIPTION
10	5-09	JFC	REVISED LOOP SEALANT NOTES.
9	4-09	JFC	REVISED HOME RUN SAW CUT.
8	1-08	MJG	REVISED FOR 2007 DIGITAL DES. ENVIORN. STANDARDS.

DIMENSIONS ARE IN ENGLISH (' AND ") AND METRIC UNITS (mm). METRIC CONVERSIONS OVER 1" ROUNDED TO NEAREST 5 mm - UNDER 1" TO NEAREST 1 mm.

DESIGNER/DRAFTER: D.K. SWINBURNE
CHECKED BY: R.M. WATERMAN
SCALE - NONE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK: OFFICE OF ENGINEERING
SUBMITTED BY: M.J. GARVIE
APPROVED BY: R.S. TWORKOWSKI DATE: 1-31-07

PROJECT TITLE:

TOWN:

PROJECT NO.

DRAWING NO.

DRAWING TITLE: TYPICAL INSTALLATION DETAILS INDUCTIVE LOOP VEHICLE DETECTORS

SHEET NO. 6

Filename: \\sh3dgs18\CTDOT_projects\999_Misc_Details\Traffic\Typical_Sheets\TRAFFIC_ELECTRICAL\PENDING REVISIONS\TR_MSH_TYP_E6_R10_5-09.dgn Plotted: 5/26/2009