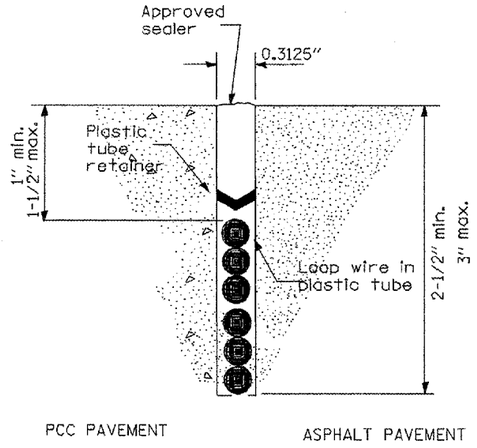
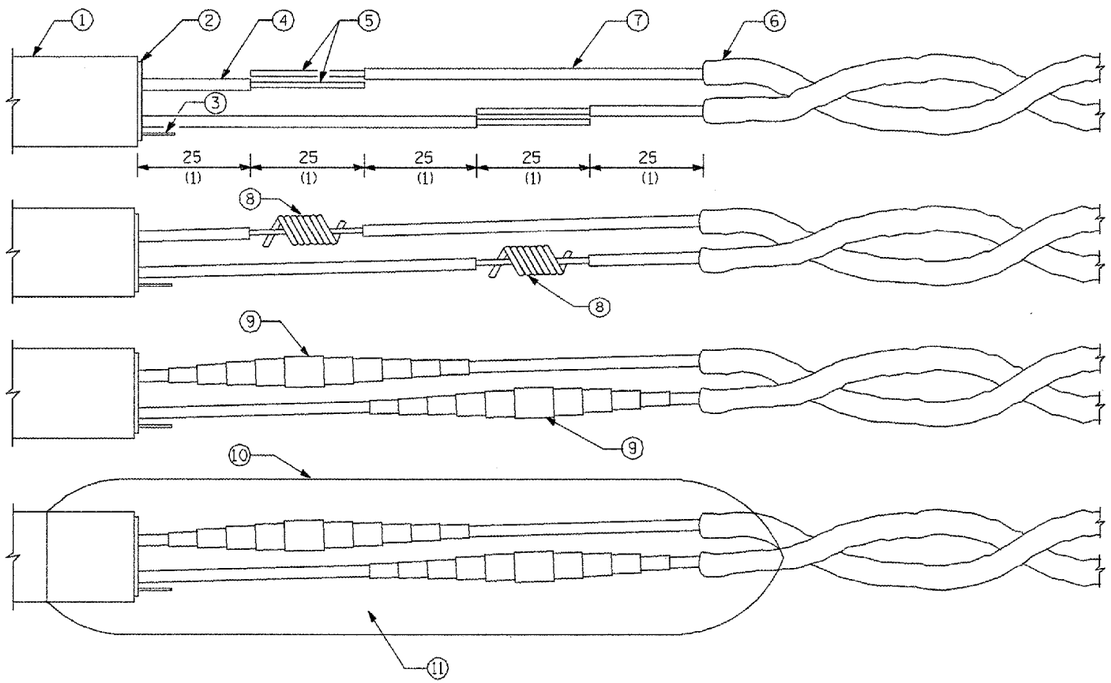
CONTRACT NO. 68110

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1IRS	PEORIA	89	63
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

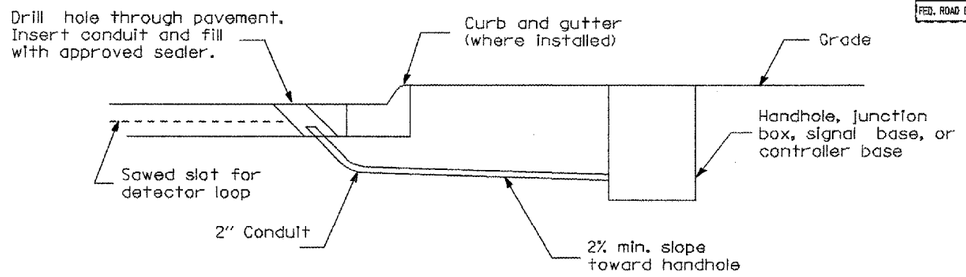
ALL 6' X 6' LOOPS SHALL HAVE SIX TURNS



DETECTOR LOOP INSTALLATION

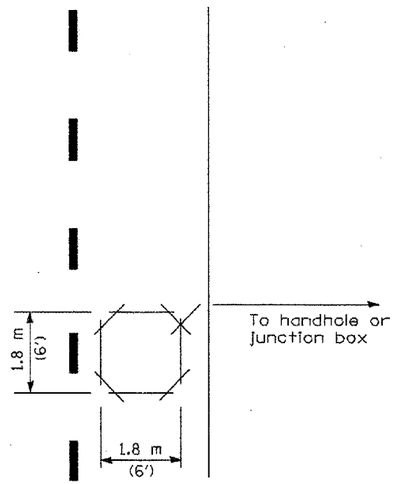


LOOP WIRE AND LEAD-IN CABLE SPLICE

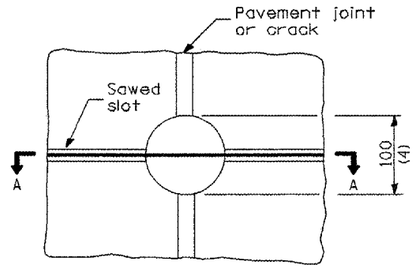


DETECTOR LOOP LEAD-IN

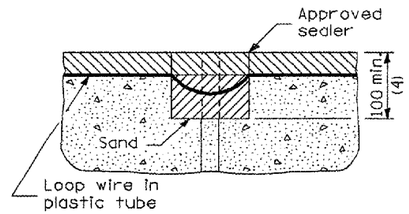
① = Lead-in cable (single pair or multipair)
② = Lead-in cable shield
③ = Lead-in cable shield drain-wire
④ = Lead-in cable insulated conductor
⑤ = Bare conductor
⑥ = Loop wire in tube
⑦ = Loop wire insulated conductor
⑧ = Twisted and resin soldered conductor
⑨ = Electrical tape insulated spice
⑩ = Rigid mold
⑪ = Waterproof and dielectric resin



FOR POINT DETECTION SHORT LOOP



PLAN



SECTION A-A

NOTE
Loop wire shall follow saw cut to bottom, forming slack section at joint.

DETECTOR LOOP AT PAVEMENT JOINT OR PAVEMENT CRACK

All dimensions are in millimeters (inches) unless otherwise shown.

NOT TO SCALE

TRAFFIC SIGNALS
SHEET 10 OF 18

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL 6 & IL 29
DETECTION CONTROL SYSTEM
OPTION "A"
DETECTOR LOOP SPECIAL DETAIL
SCALE: VERT. HORIZ. DRAWN BY
DATE CHECKED BY

PLOT DATE = 10/17/2007
FILE NAME = S:\DESIGN\DRAFT\STDAPLNS\SIGNAGE\NEW\Active Contracts\68110\Cover sheets & SIGD .dgn
PLOT SCALE = 62.5412 ' / IN.
USER NAME = brucebm