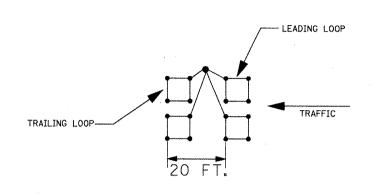
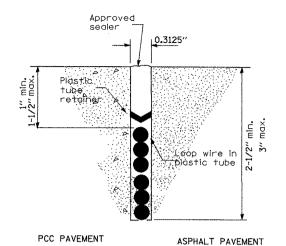
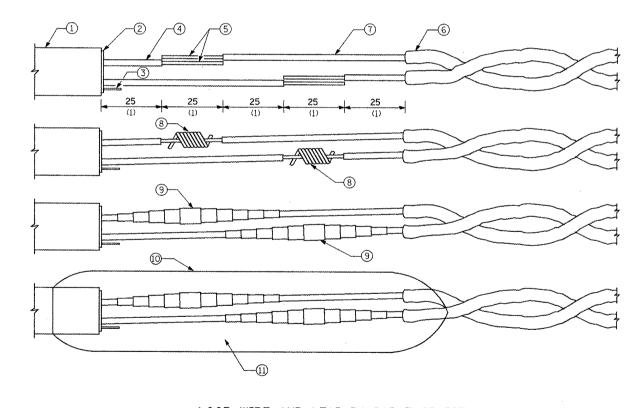
ALL 6' X 6' LOOPS SHALL HAVE SIX TURNS



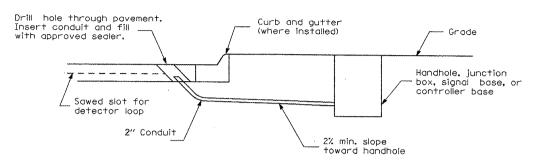


DETECTOR LOOP SPACING (6' X 6' SPEED TRAP)

DETECTOR LOOP INSTALLATION

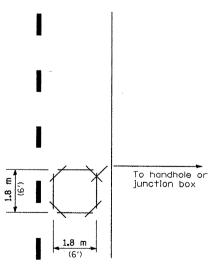


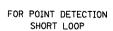
LOOP WIRE AND LEAD-IN CABLE SPLICE

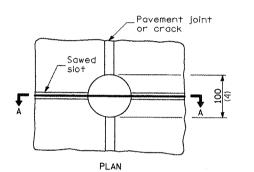


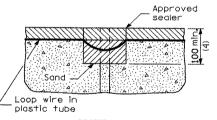
DETECTOR LOOP LEAD-IN

- 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
- (1) = Waterproof and dielectric resin









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.

FILE NAME =	USER NAME = johnsontv	DESIGNED -	REVISED -	
68467 - Phase II.dgn		DRAWN -	REVISED -	
	PLOT SCALE = 100.0000 '/ IN.	CHECKED -	REVISED -	
	PLOT DATE = 11/23/2009	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR	LOOP	INSTAL	LATION DE	TAILS FOR
6. X 9.	SPEEL	TRAP	DETECTOR	LOOPS
NOT TO SCALE SHEET NO.	. 4 OF 4	SHEETS		***************************************

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	17RS-6; 18RS-1; 35RS-8	TAZEWELL WOODFORD	60	39
		CONTRACT	NO. 6	8467
	ILLINOIS FED. A	AID PROJECT		