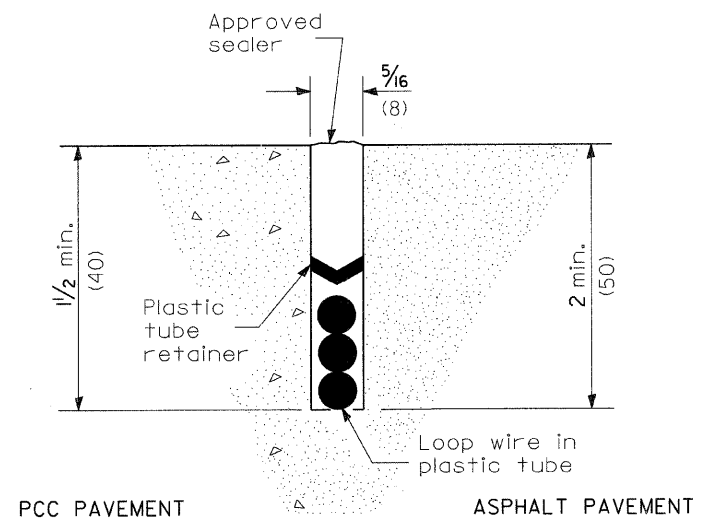
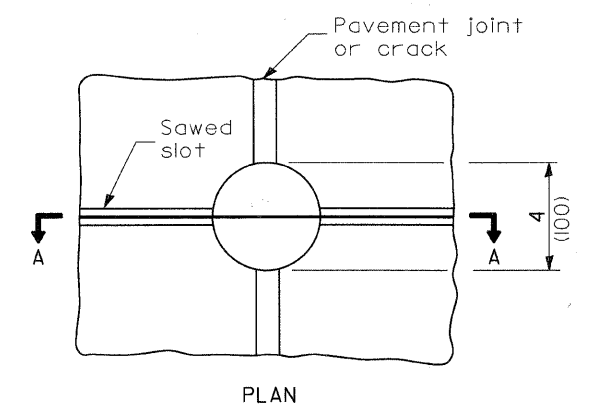


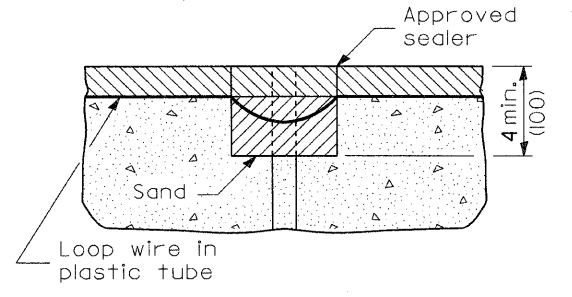
**DETECTOR LOOP LEAD-IN**



**DETECTOR LOOP INSTALLATION**



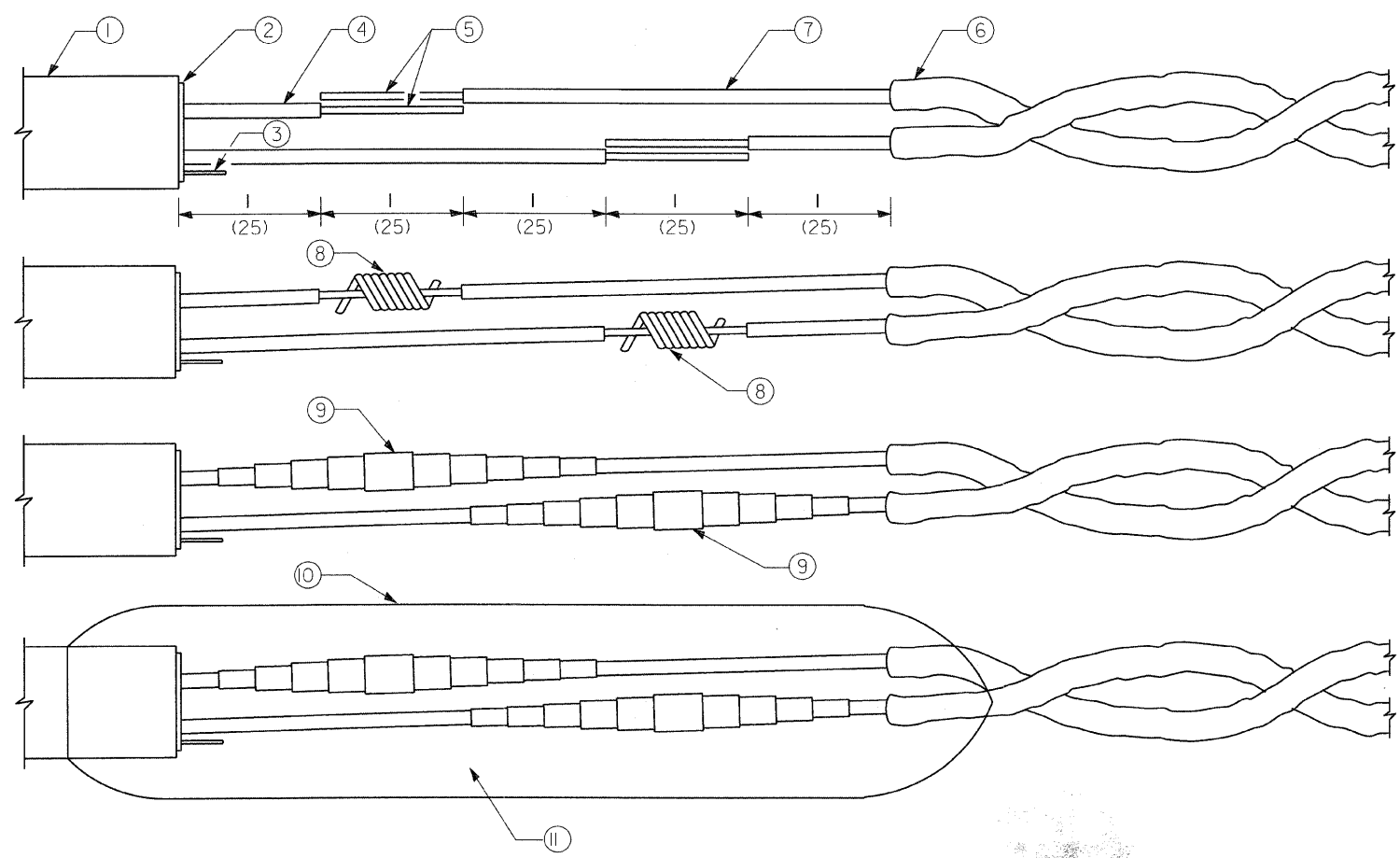
**PLAN**



**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**



**LOOP WIRE AND LEAD-IN CABLE SPLICE**

- 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 splice
- ⑩ = Rigid mold
- ⑪ = Waterproof and dielectric resin

	DESIGNED	RHL	REVISED	-	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JACKSON STREET LAPP PROJECT DUGDALE ROAD TO GOLF ROAD</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	DRAWN	PTO	REVISED	-				2738	09-00235-00-RS	LAKE	16	16		
	CHECKED	-	REVISED	-				CONTRACT NO. 63342						
	DATE	08/21/09	REVISED	-				ILLINOIS FED. AID PROJECT						
						SCALE: N/A	SHEET NO. 8 OF 10 SHEETS							