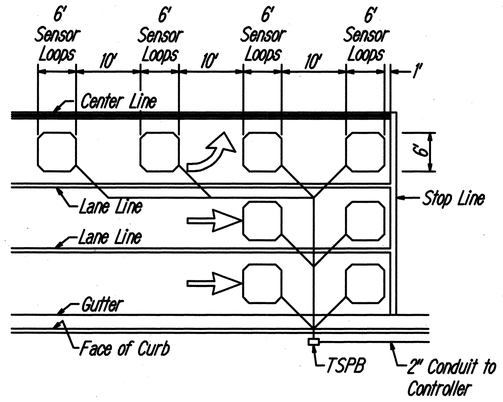
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-061-1(34)	2000	33	38

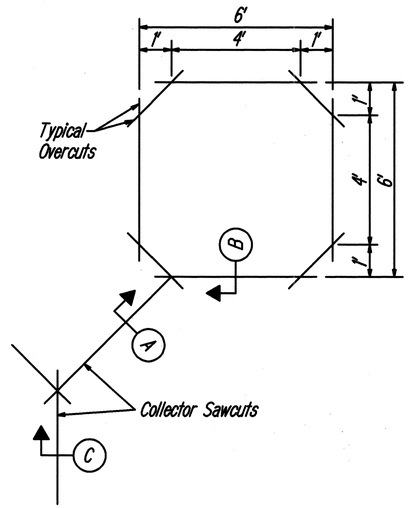


NOTES:

1. Center sensor loops in lanes.
2. Collector cables shall be twisted 2 turns per foot.
3. Number of loops and locations vary. See project plans.
4. Number and locations of collector sawcuts may be varied in the field to suit.

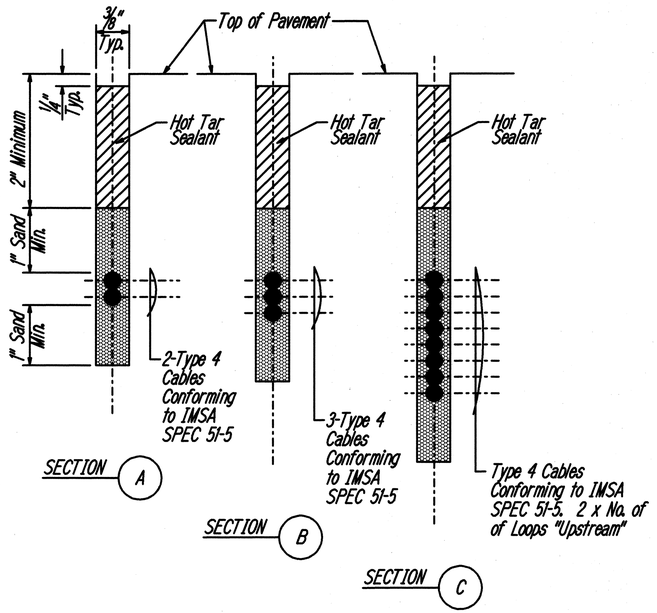
A E-11 **TYPICAL SENSOR LOOP LAYOUT**

N.T.S.



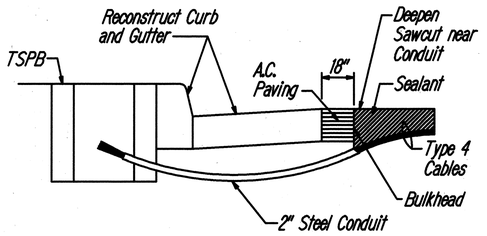
NOTE:

Length of overcuts shall be kept to a minimum. All overcuts shall be back filled with hot tar.



B E-11 **TYPICAL SENSOR LOOP SAWCUT DETAIL**

N.T.S.

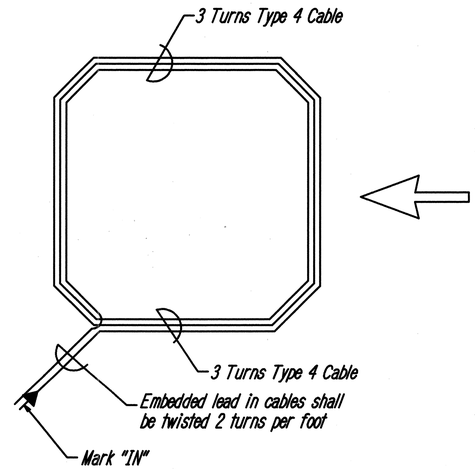


NOTES ON CONSTRUCTION AT END OF SAWCUT

1. Seal roadway end of conduit after installation of conductors.
2. Install bulkhead across conduit trench.
3. Place hot tar in sawcut.
4. Backfill over conduit with new A.C.
5. Reconstruct curb and gutter as required.

C E-11 **DETAIL OF SENSOR LOOP INSTALLATION AT EDGE OF ROADWAY**

N.T.S.



D E-11 **TYPICAL SENSOR LOOP WIRING DIAGRAM**

N.T.S.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
NOTE BOOK	TRACED BY	
	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

13 APR 100 18:04:26 TM z:\epw\dgn\projects\49116\49116d10.dgn

STEVEN H. SAKAI LICENSED PROFESSIONAL ENGINEER No. 7637-E HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LOOP DETECTOR DETAILS

PALI HIGHWAY INTERSECTION IMPROVEMENTS AT JACK LANE
PROJECT NO. STP-061-1(34)

Scale: As Shown Date:

SHEET No. E-11 OF 13 SHEETS