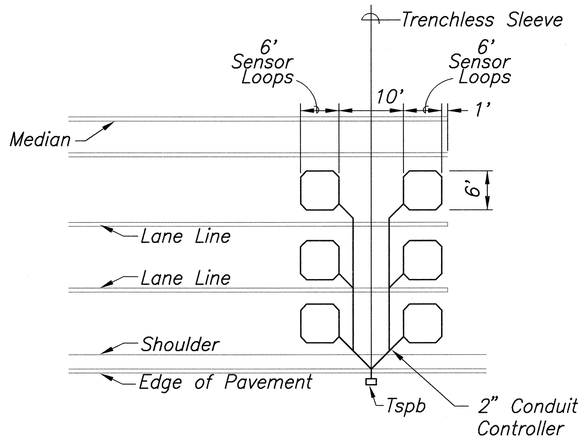
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H1H-01-00M	2003	101	234

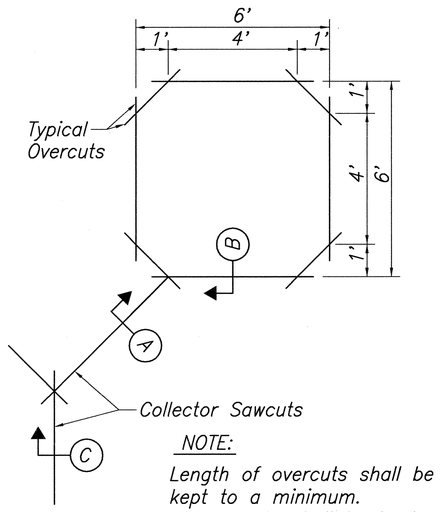


NOTES:

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.

TYPICAL SENSOR LOOP LAYOUT

NOT TO SCALE

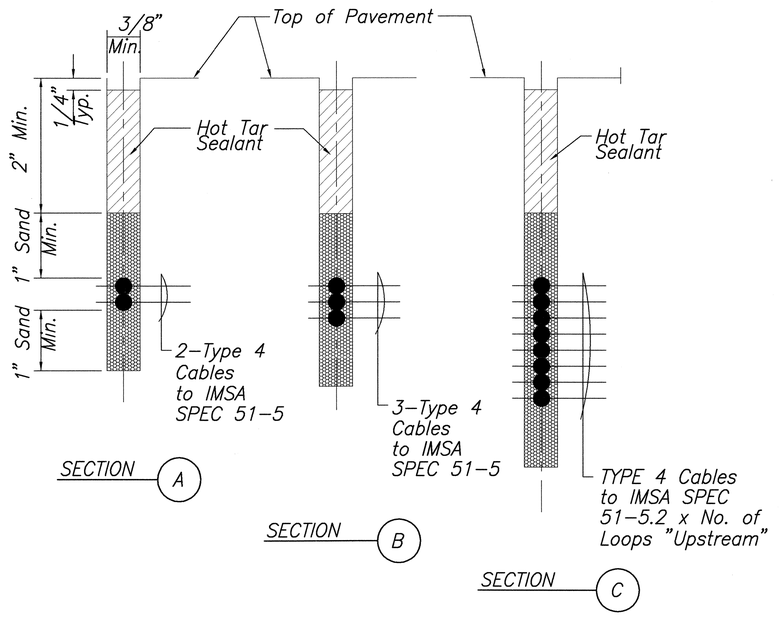


NOTE:

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

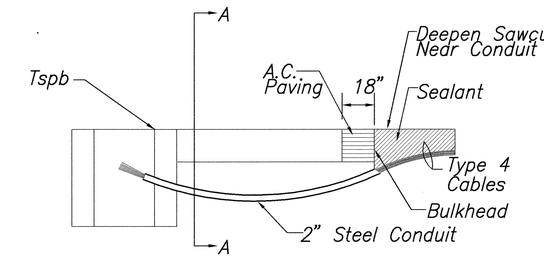
TYPICAL SENSOR SAWCUT DETAIL

NOT TO SCALE



TYPICAL SECTION THROUGH SENSOR LOOP

NOT TO SCALE

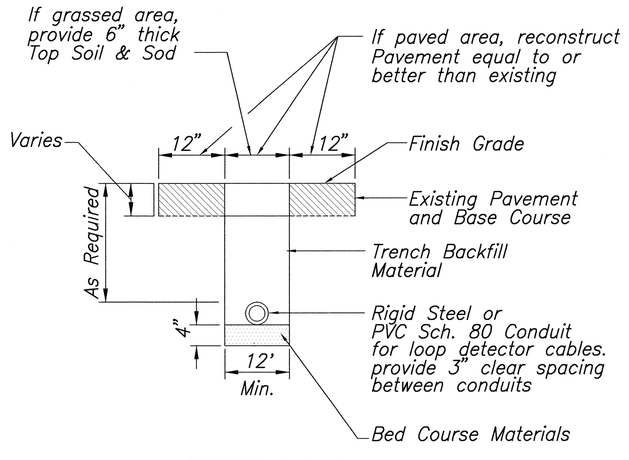


NOTES ON CONSTRUCTION AT END OF SAWCUT

1. Seal roadway end of conduit after installation of conducters.
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.

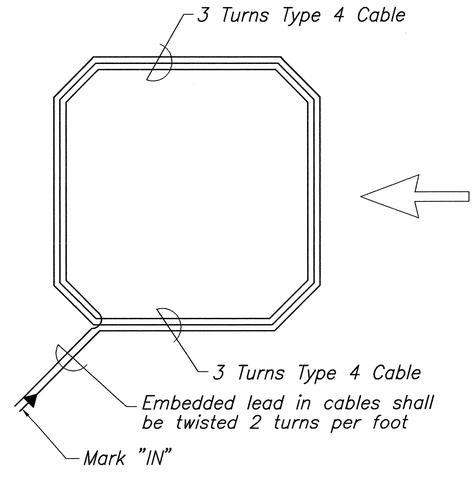
DETAIL OF SENSOR LOOP INSTALLATION AT EDGE OF ROADWAY

NOT TO SCALE



SECTION A-A

NOT TO SCALE



TYPICAL SENSOR LOOP WIRING DIAGRAM

NOT TO SCALE

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

SIGNATURE — APRIL 30, 2004 EXPIRATION DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LOOP DETECTOR DETAILS

INTERSTATE ROUTE H-1 REHABILITATION
OLA LANE TO KALIHI STREET
PROJECT NO. H1H-01-00M

Scale: None — Date: October 31, 2002

SHEET No. C-32 OF C-59 SHEETS

ORIGINAL PLANS	SURVEY PLOTTED BY	DATE
	SURVEY BY	
NOTEBOOK	TRACED BY	
	DESIGNED BY	
	QUANTITIES BY	
No.	CHECKED BY	