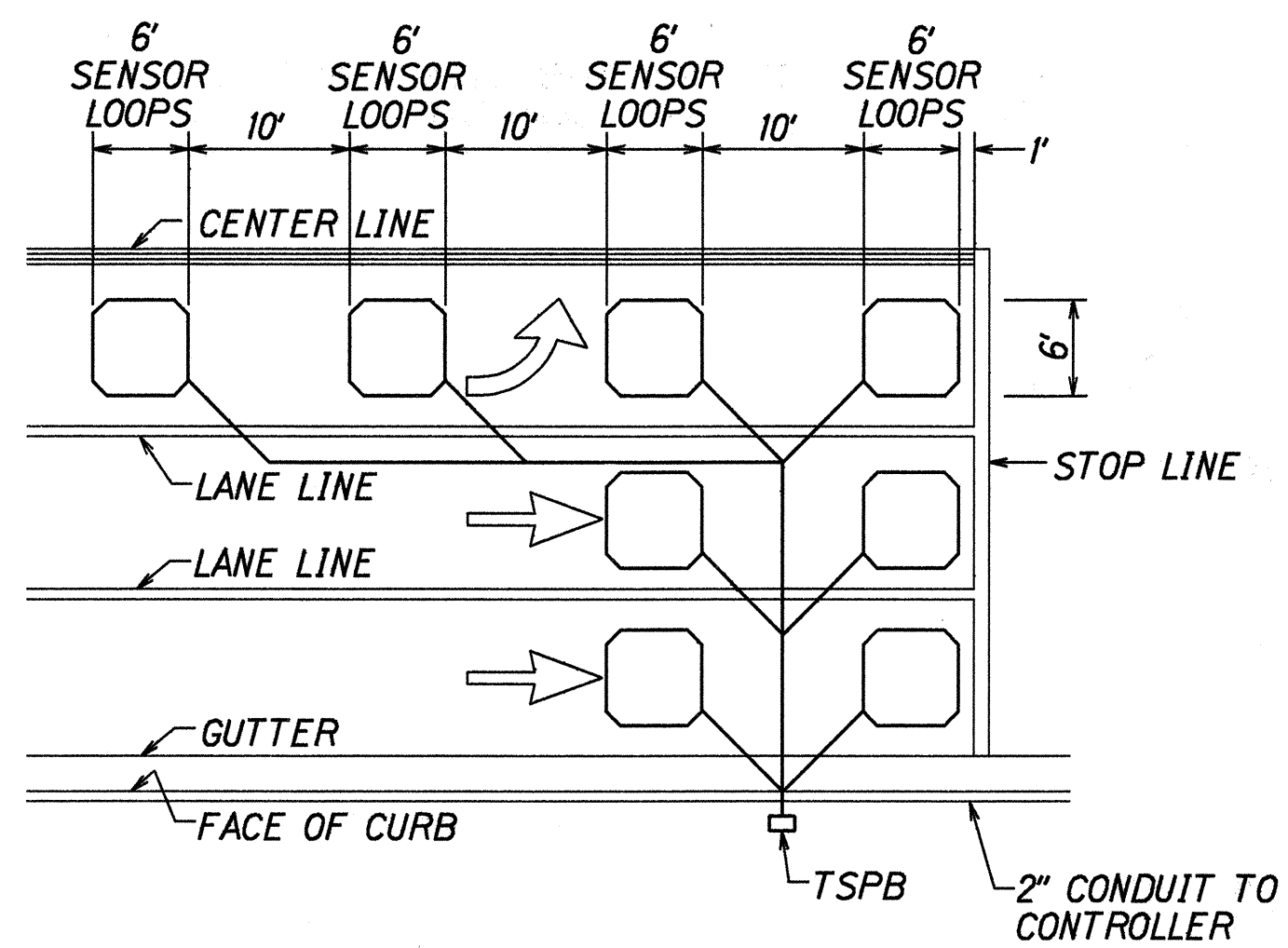
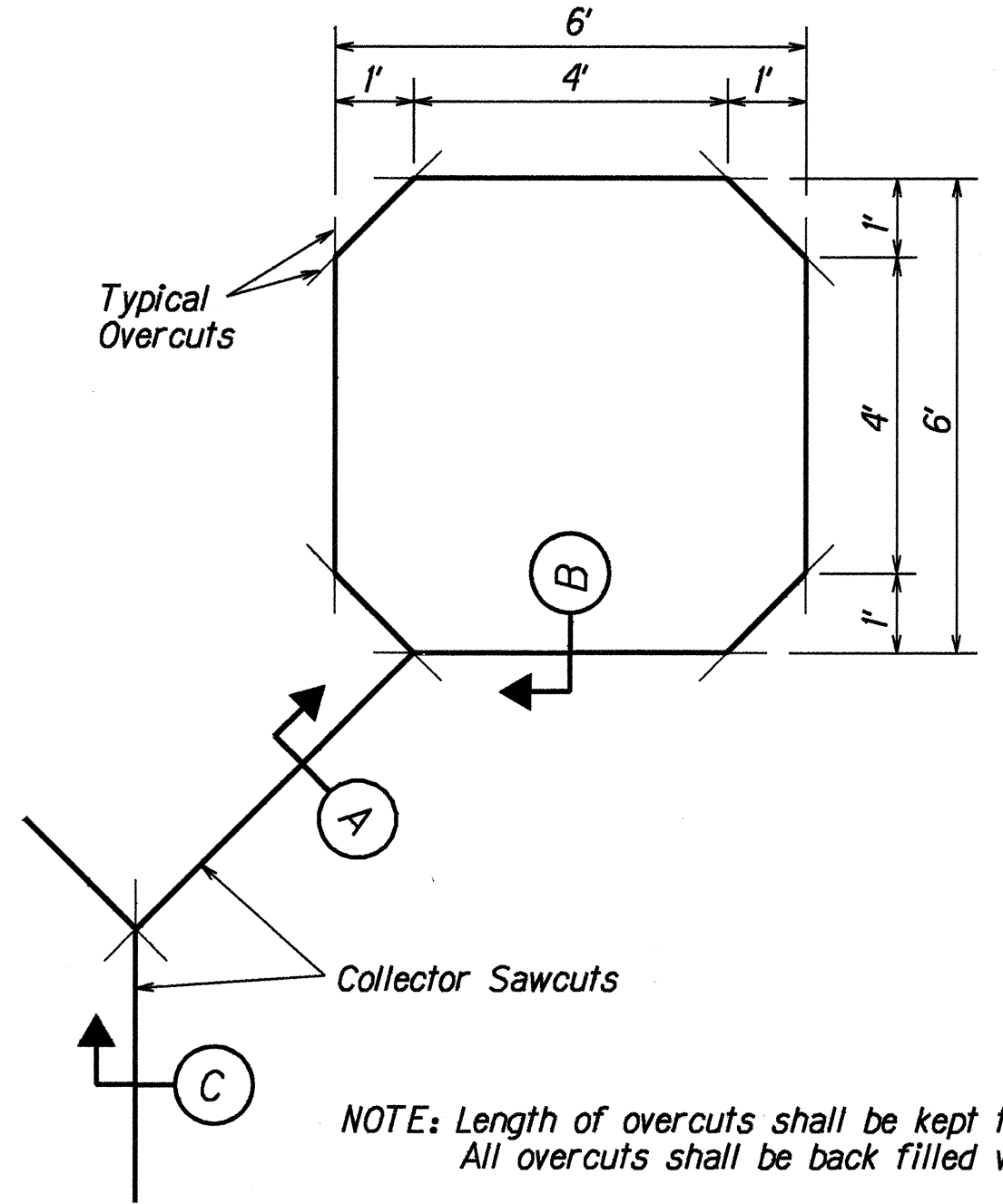


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(47)	2000	74	90

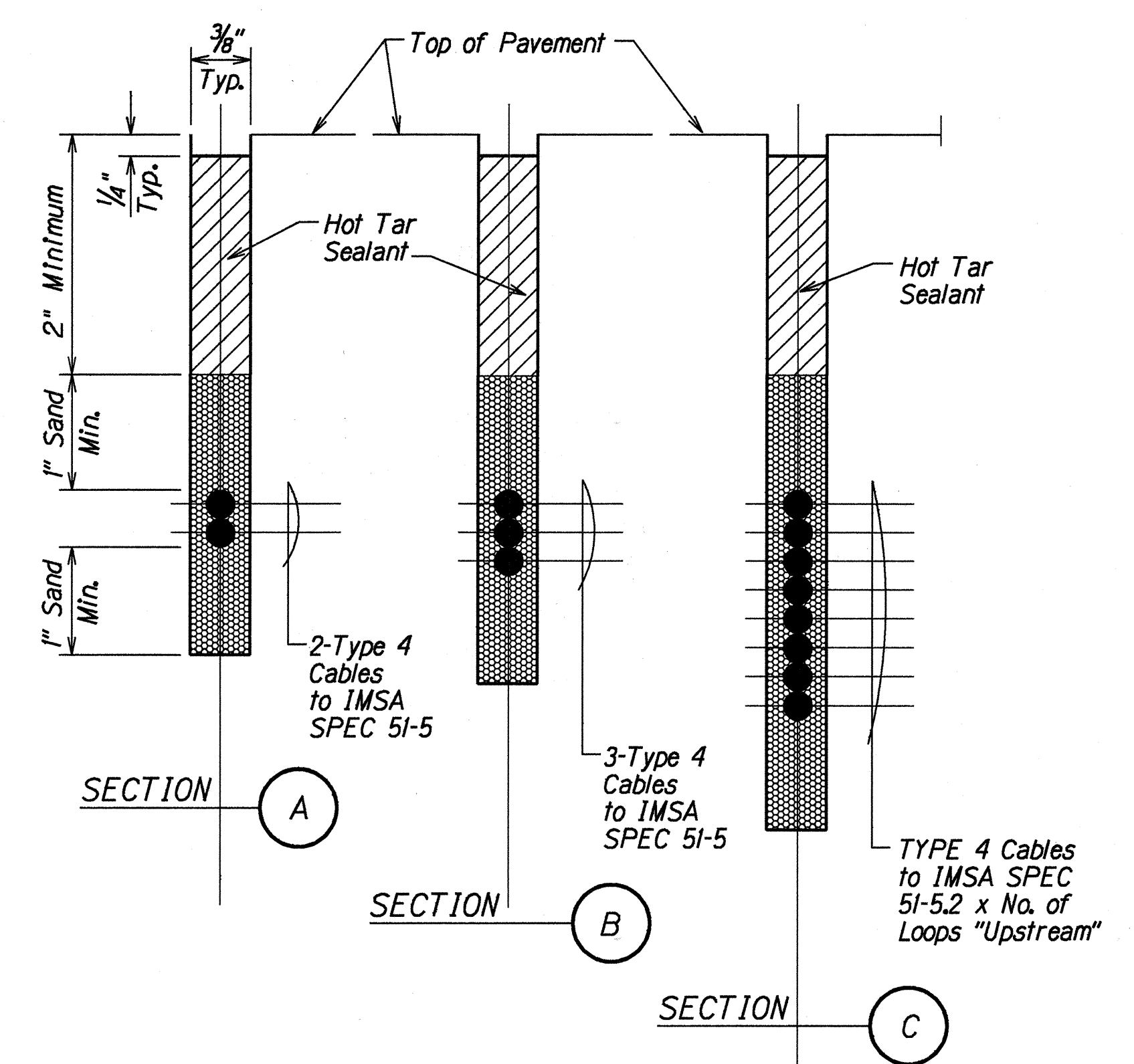


- NOTES:
1. Center sensor loops in lanes.
  2. Collector cables shall be twisted 2 turns per foot.
  3. Number of loops and locations vary. See project plans.
  4. Number and locations of collector sawcuts may be varied in the field to suit.

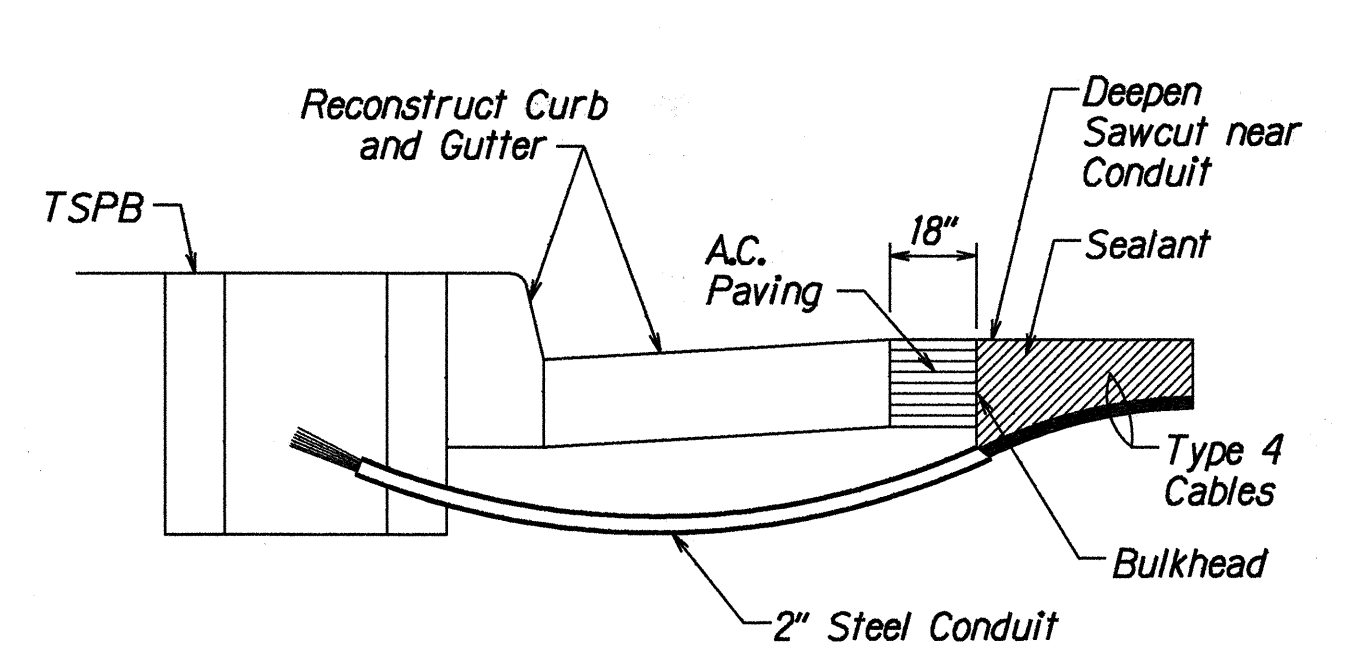
TYPICAL SENSOR LOOP LAYOUT



TYPICAL SENSOR LOOP SAWCUT DETAIL

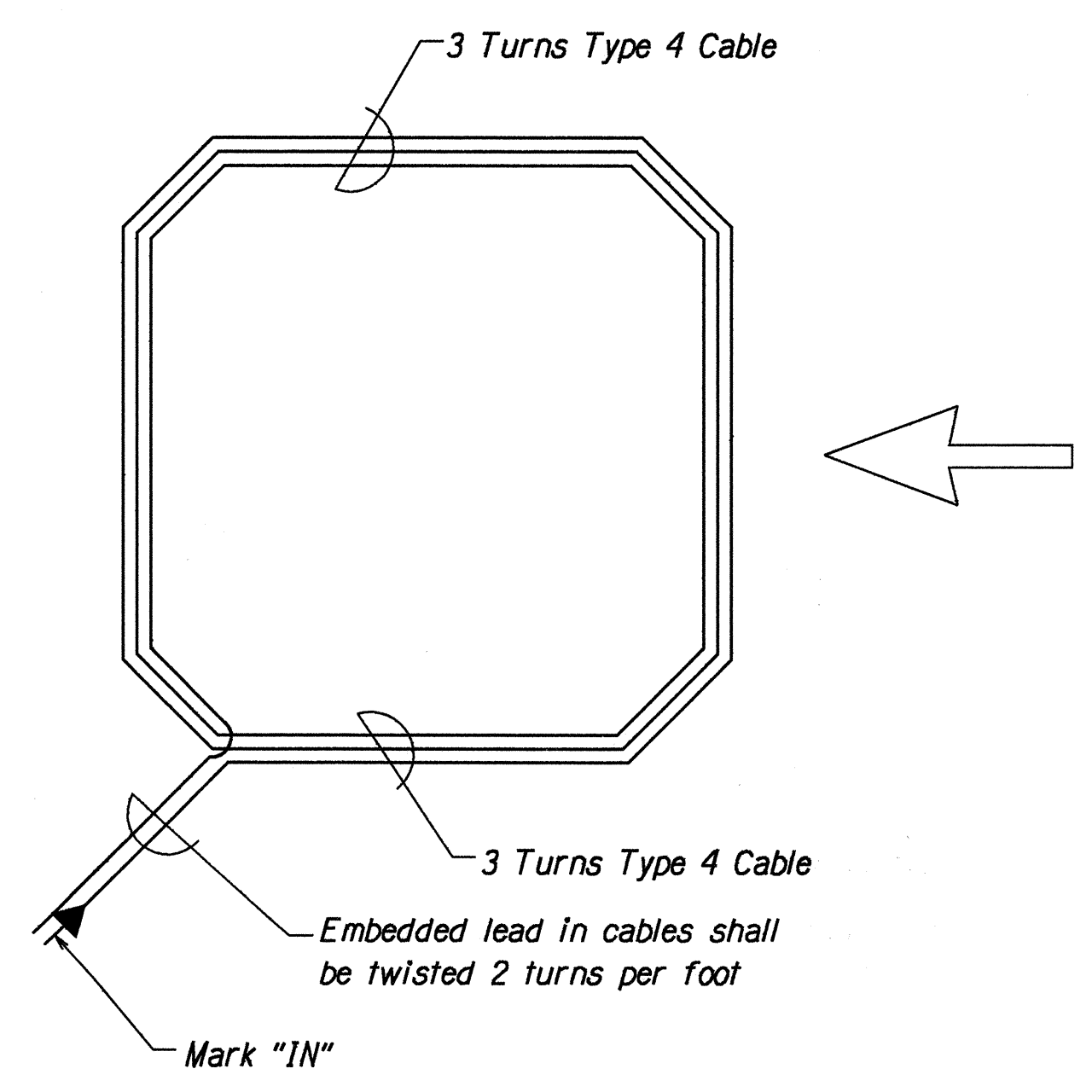


TYPICAL SECTION THROUGH SENSOR LOOP



- 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.

DETAIL OF SENSOR LOOP INSTALLATION  
AT EDGE OF ROADWAY



TYPICAL SENSOR LOOP WIRING DIAGRAM

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	
BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**LOOP DETECTOR DETAILS**  
**KALANIANA'OLE HIGHWAY RESURFACING**  
**Ainakoa Avenue to West Hind Drive**  
**Federal Aid Project No. NH-072-1(47)**  
Not to Scale  
Date: June, 1999

SHEET No. 74 OF 93 SHEETS