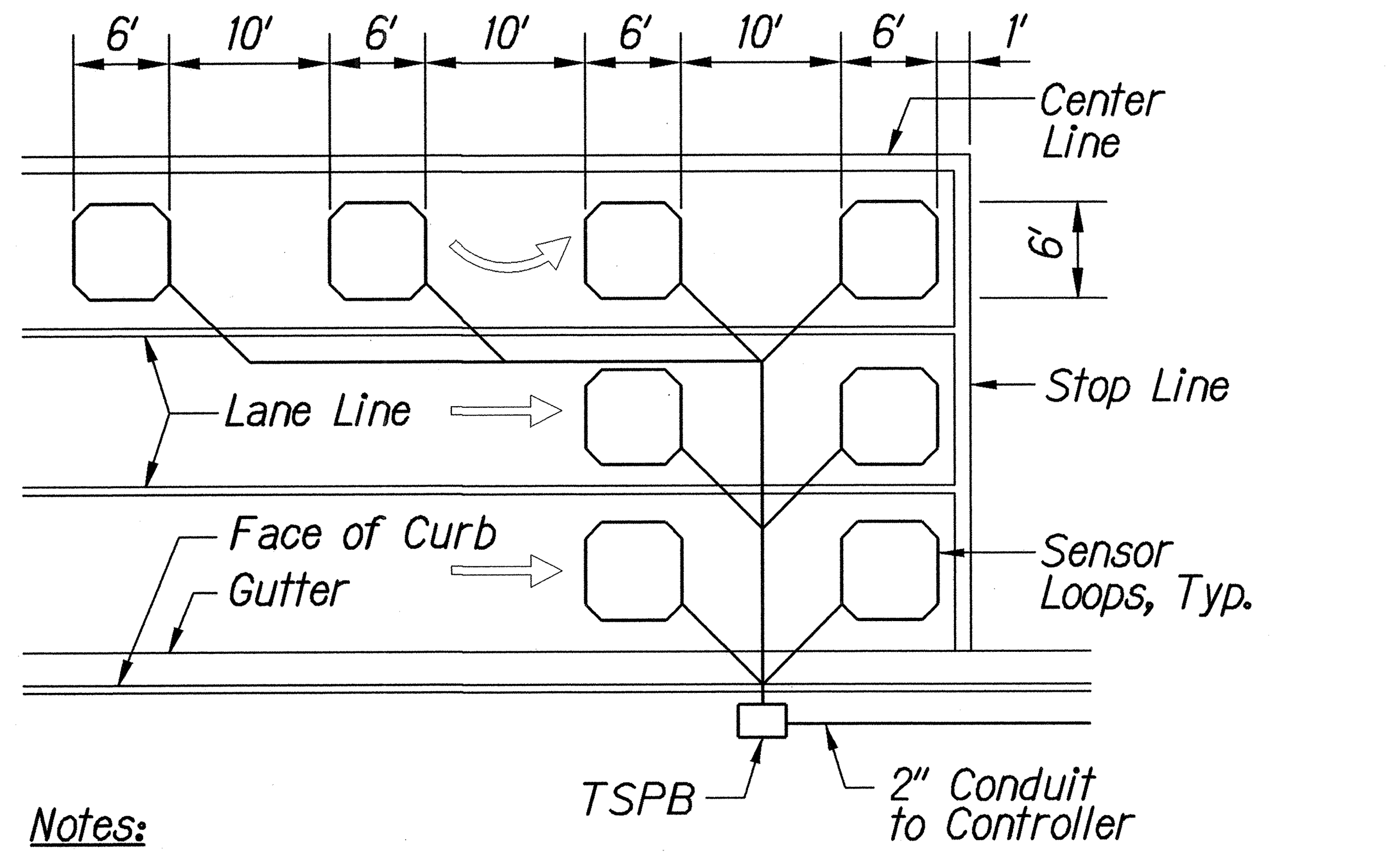
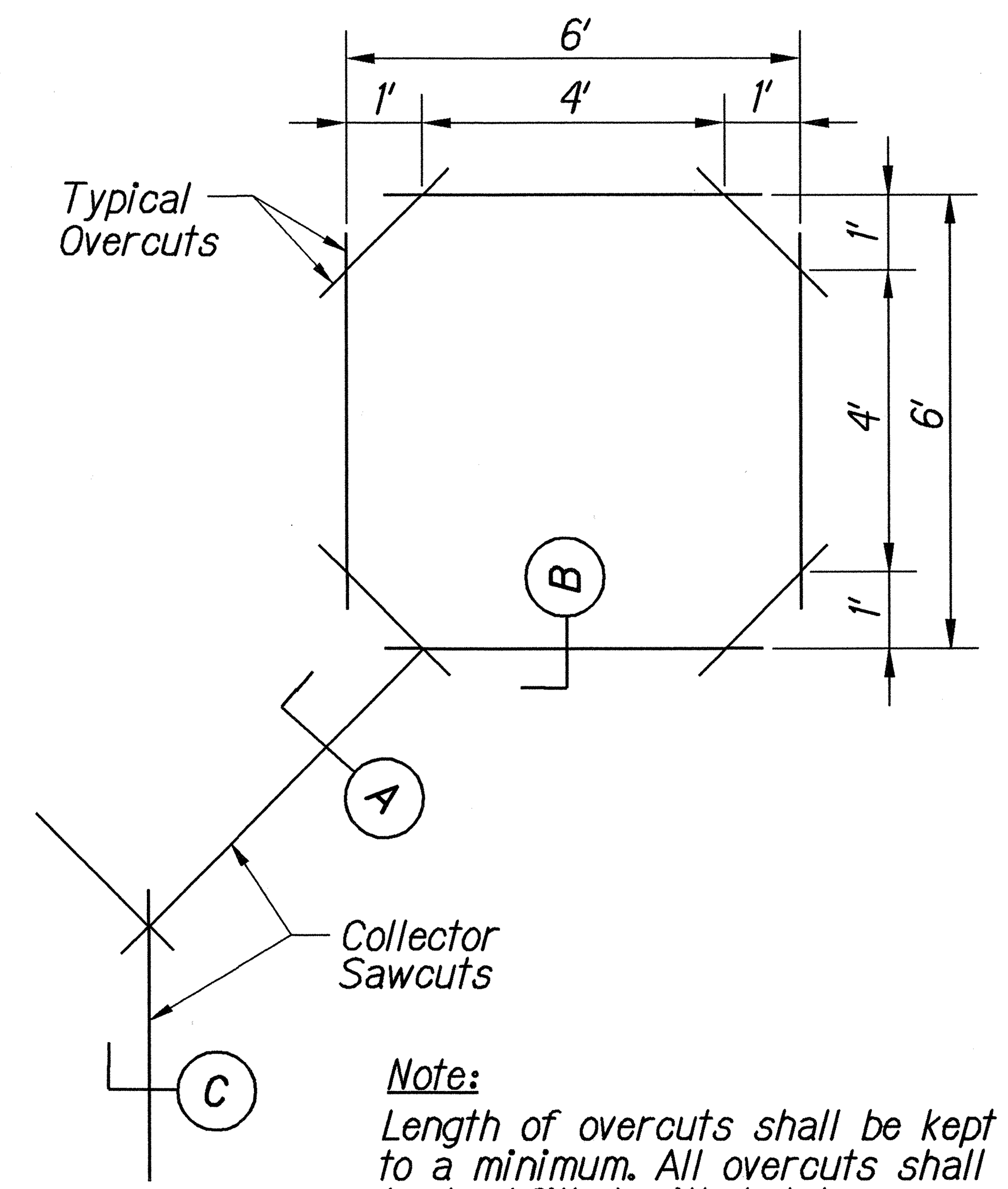
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50DE-01-05M	2005	35	39



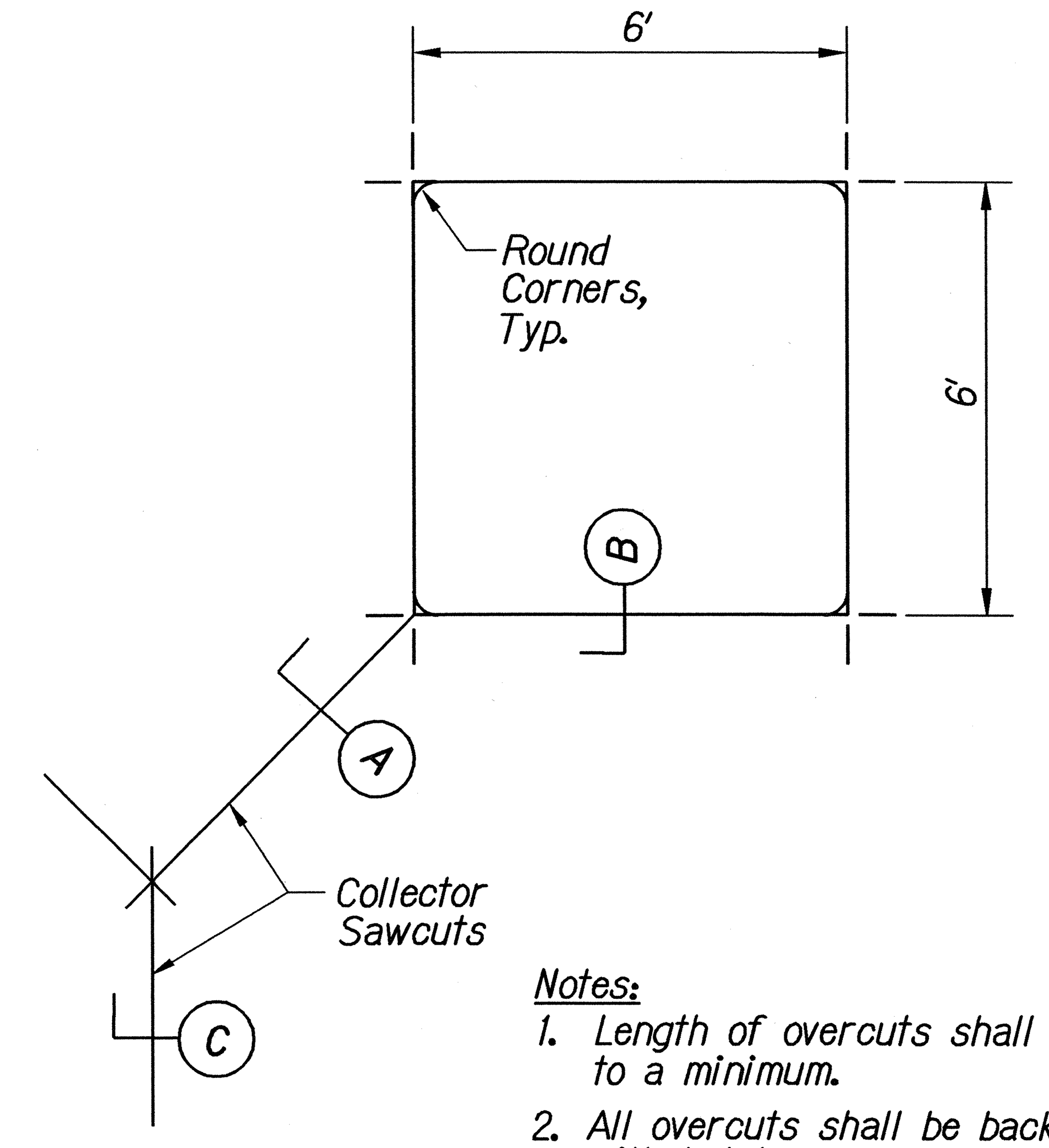
Notes:
1. Center sensor loops in lanes.
2. Collector cables shall be twisted 2 turns per foot.
3. Number of loops and locations vary. See project plans.
4. Number and locations of collector sawcuts may be varied in the field to suit.

TYPICAL SENSOR LOOP LAYOUT
Not to Scale



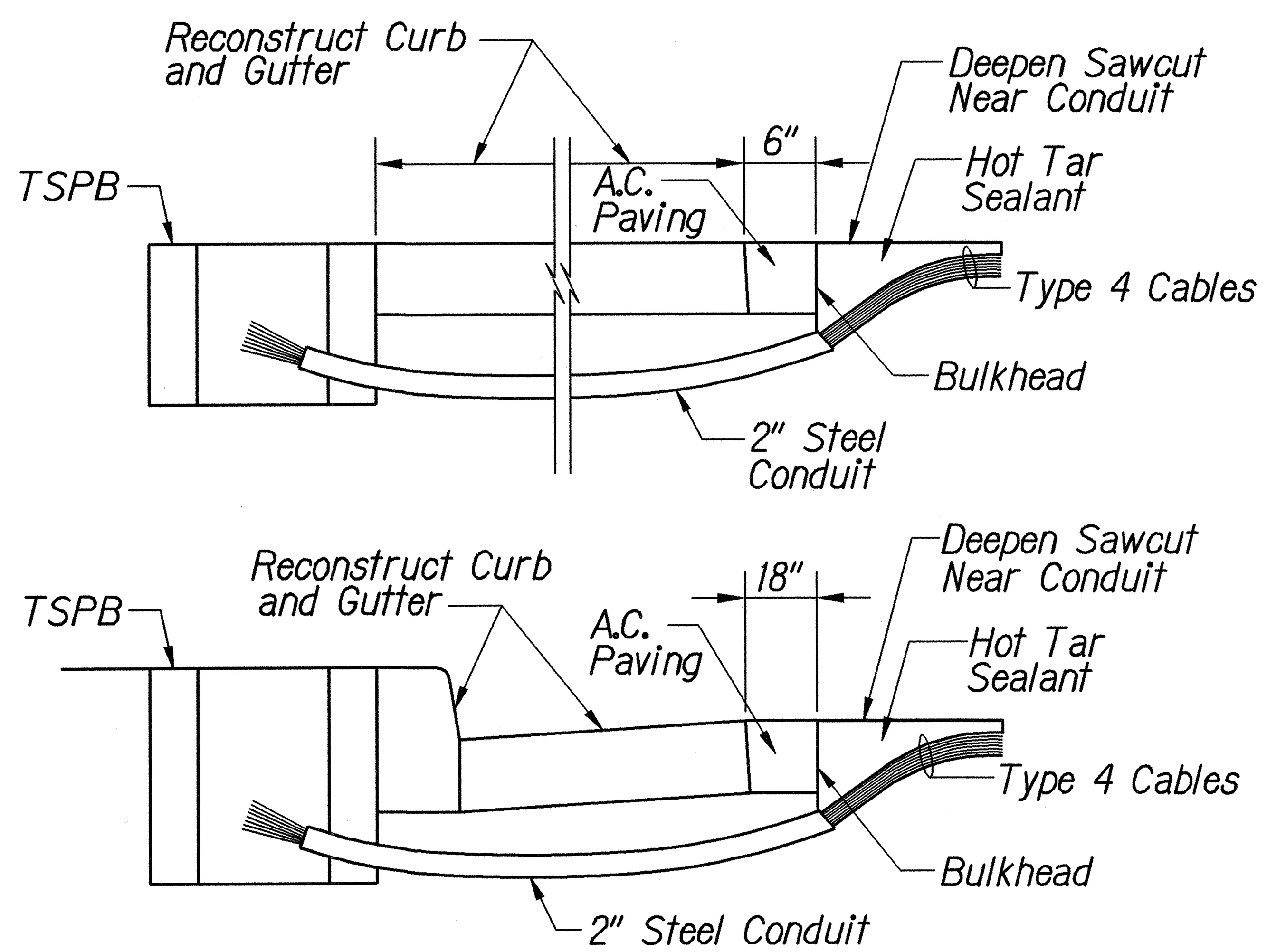
Note:
Length of overcuts shall be kept to a minimum. All overcuts shall be backfilled with hot tar.

TYPICAL SENSOR LOOP SAWCUT DETAIL
Not to Scale



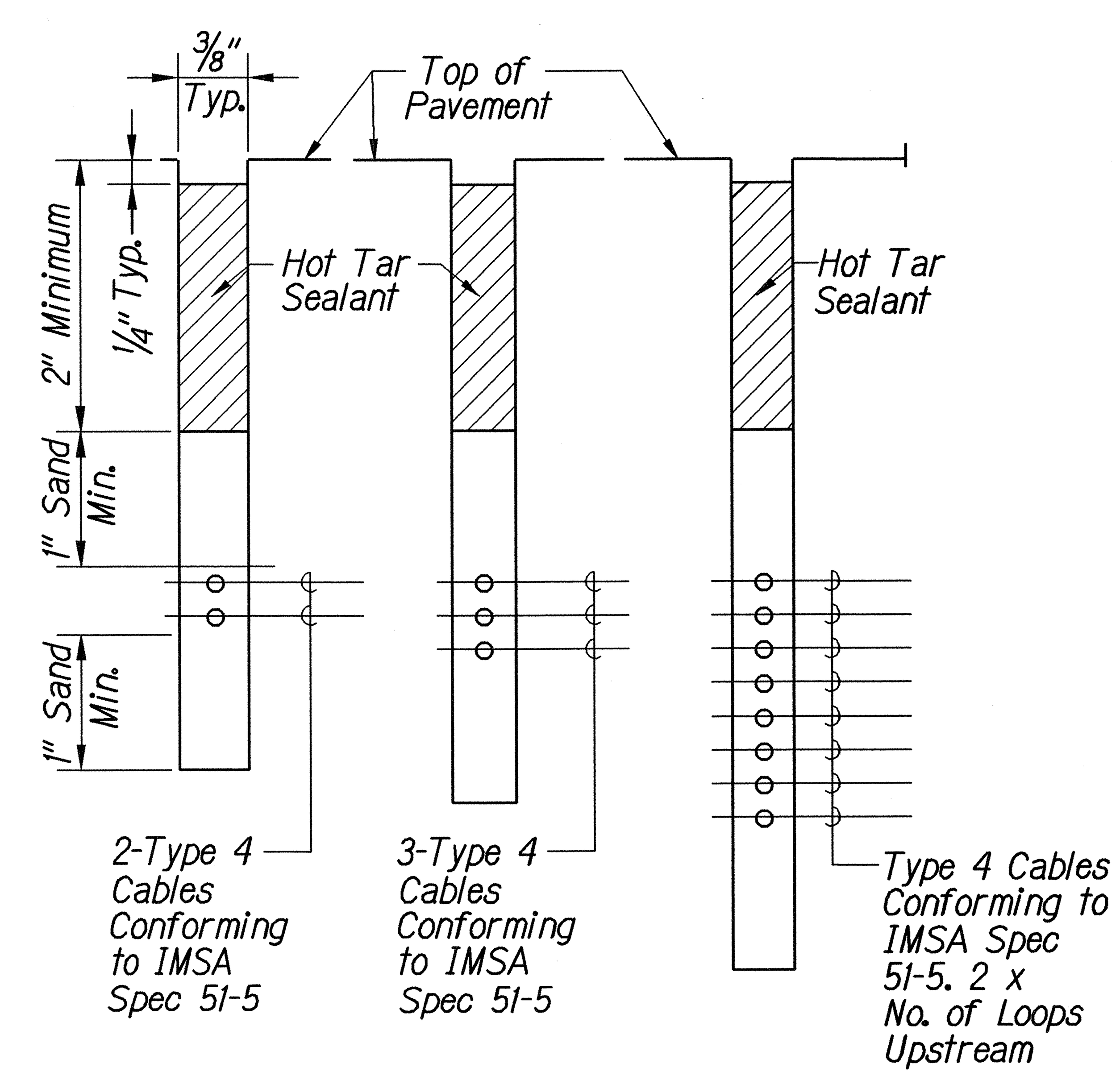
Notes:
1. Length of overcuts shall be kept to a minimum.
2. All overcuts shall be backfilled with hot tar.

ALTERNATE SENSOR LOOP SAWCUT DETAIL
Not to Scale



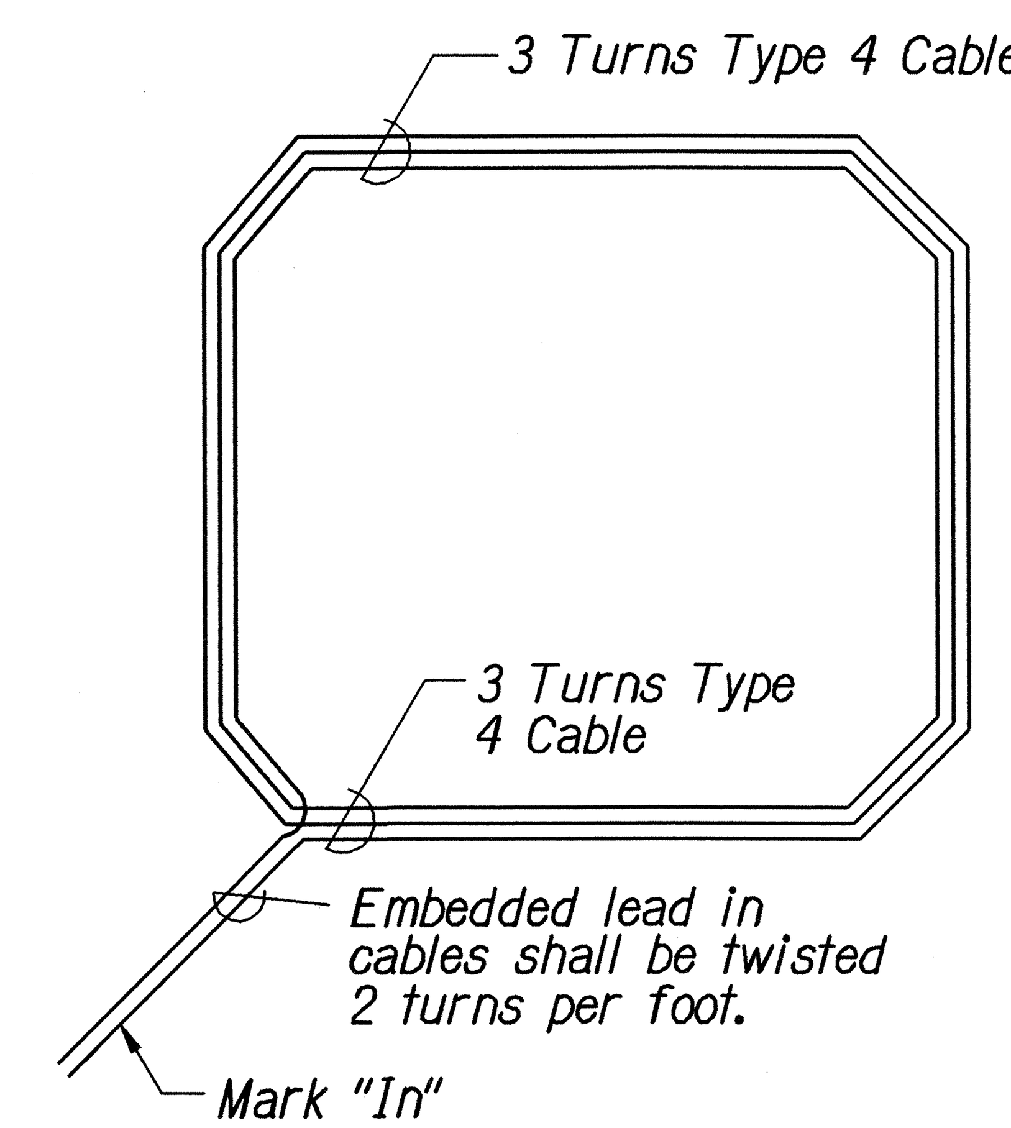
Notes on Construction at End of Sawcut:
1. Seal roadway end of conduit after installation of conductors.
2. Install bulkhead across conduit trench.
3. Place hot tar in sawcut.
4. Backfill over conduit with new a.c.
5. Reconstruct curb and gutter as required.

DETAIL OF SENSOR LOOP INSTALLATION AT EDGE OF ROADWAY
Not to Scale



SECTION A SECTION B SECTION C

DETAIL OF SENSOR LOOP INSTALLATION AT EDGE OF ROADWAY
Not to Scale



PLAN

TYPICAL SENSOR LOOP WIRING DIAGRAM
Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LOOP DETECTOR DETAILS

KAUMUALII HIGHWAY RESURFACING
Lihue Mill Bridge to Puhi Road
Project No. 50DE-01-05M

Not to Scale Date: January 2005

SHEET No. 1 OF 1 SHEETS