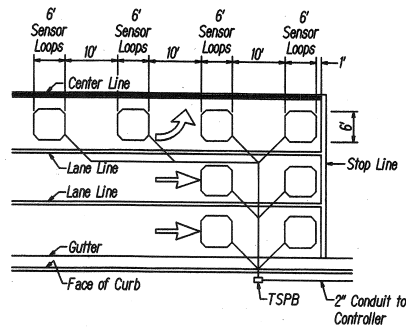


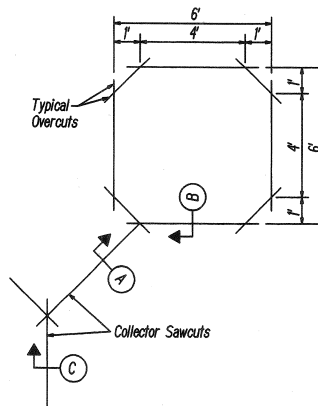
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-04-00	2002	31	63



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.

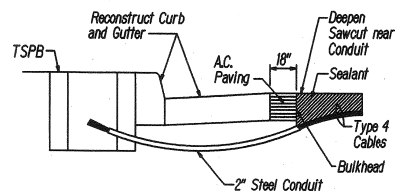
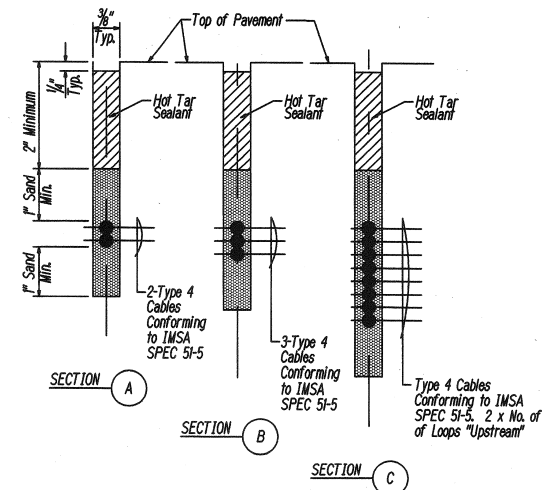
A
E-1 E-22 TYPICAL SENSOR LOOP LAYOUT
N.T.S.



NOTE:

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

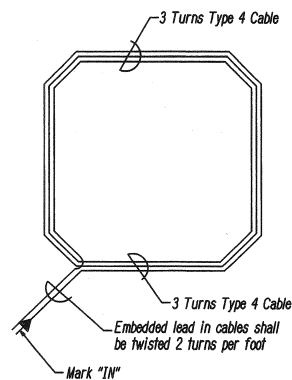
B
E-1 E-22 TYPICAL SENSOR LOOP SAWCUT DETAIL
N.T.S.



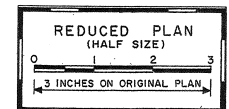
NOTES ON CONSTRUCTION AT END OF SAWCUT

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 AC.
5. Reconstruct curb and gutter as required.

C
E-1 E-22 DETAIL OF SENSOR LOOP INSTALLATION
AT EDGE OF ROADWAY
N.T.S.



D
E-1 E-22 TYPICAL SENSOR LOOP WIRING DIAGRAM
N.T.S.



LOOP DETECTORS DETAILS

TRAFFIC OPERATIONAL IMPROVEMENTS
AT VARIOUS LOCATIONS
PUUNENE AVENUE AND
KAAHUMANU AVENUE

Scale: AS NOTED Date: April 2002
SHEET No. E-22 OF 22 SHEETS



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
DATE: 4/11/2002
Signature: Steven H. Baker