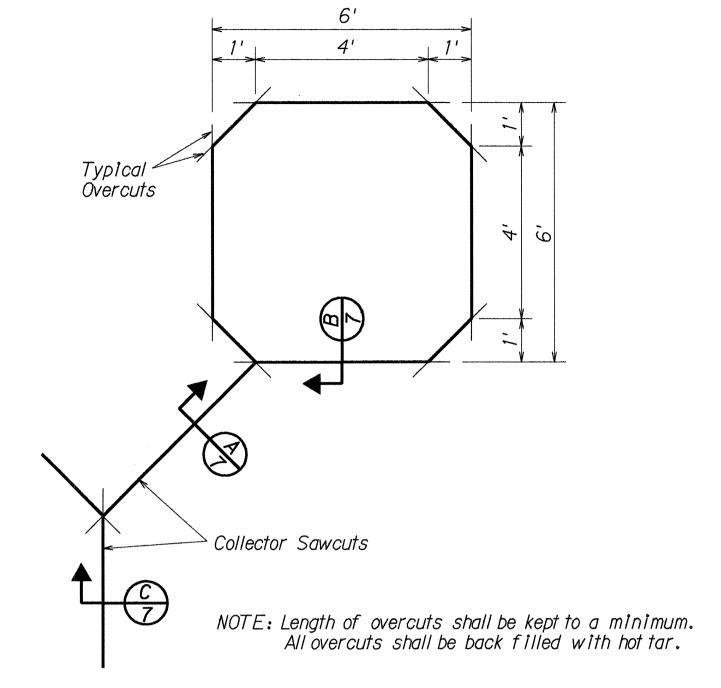
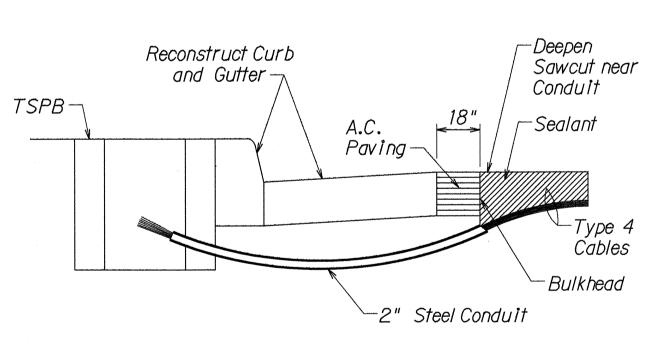


- 1. Center sensor loops in lanes.
- 2. Collector cables shall be twisted 2 turns per foot.
- 3. Number of loops and locations vary. See project plans.
- 4. Number and locations of collector sawcuts may be varied in the field to suit.

TYPICAL SENSOR LOOP LAYOUT



TYPICAL SENSOR LOOP SAWCUT DETAIL

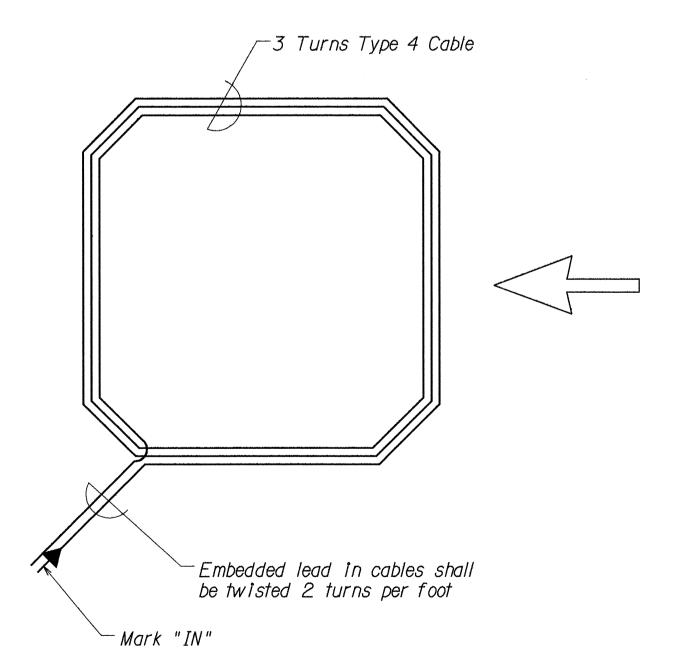


NOTES ON CONSTRUCTION AT END OF SAWCUT

- 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.

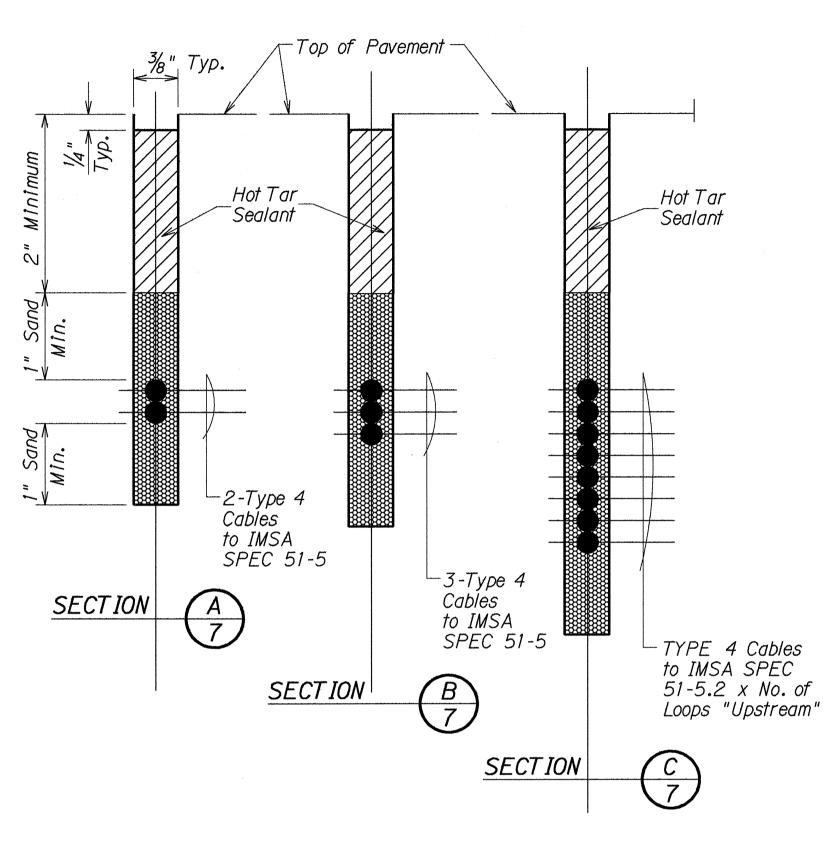
DETAIL OF SENSOR LOOP INSTALLATION

AT EDGE OF ROADWAY



TYPICAL SENSOR LOOP WIRING DIAGRAM

FED. ROAD DIST. NO. FISCAL SHEET TOTAL YEAR NO. SHEETS 56A-02-93 1994 14



TYPICAL SECTIONS THROUGH SENSOR LOOP

TYPES OF CABLES

- TYPE 1 Signal Loop Cable: Stranded No. 14, 26 conductors
- TYPE 2 Detector Lead-In Cable and Pedestrian Push Button Circuit Cable: Stranded, No. 14, 2 Conductors
- TYPE 3 Interconnect Cable: Solid No. 20, 12 Pairs
- TYPE 4 Loop Sensor Cable: Solid No. 12, Single Conductor to IMSA SPEC 51-5
- TYPE 5 Cable from Signal Loop to Signal Head: Stranded, No. 14, Single Conductor
- TYPE 6 Service Cable: Solid, No. 6, 3 Conductors

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

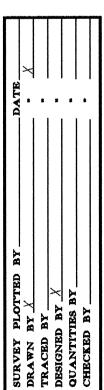
LOOP DETECTOR DETAILS

Kuhio Highway Traffic Signals At Poinciana Street Project No. 56A-02-93

Not to Scale

Date: May, 1994

SHEET No. T6 OF 7 SHEETS



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