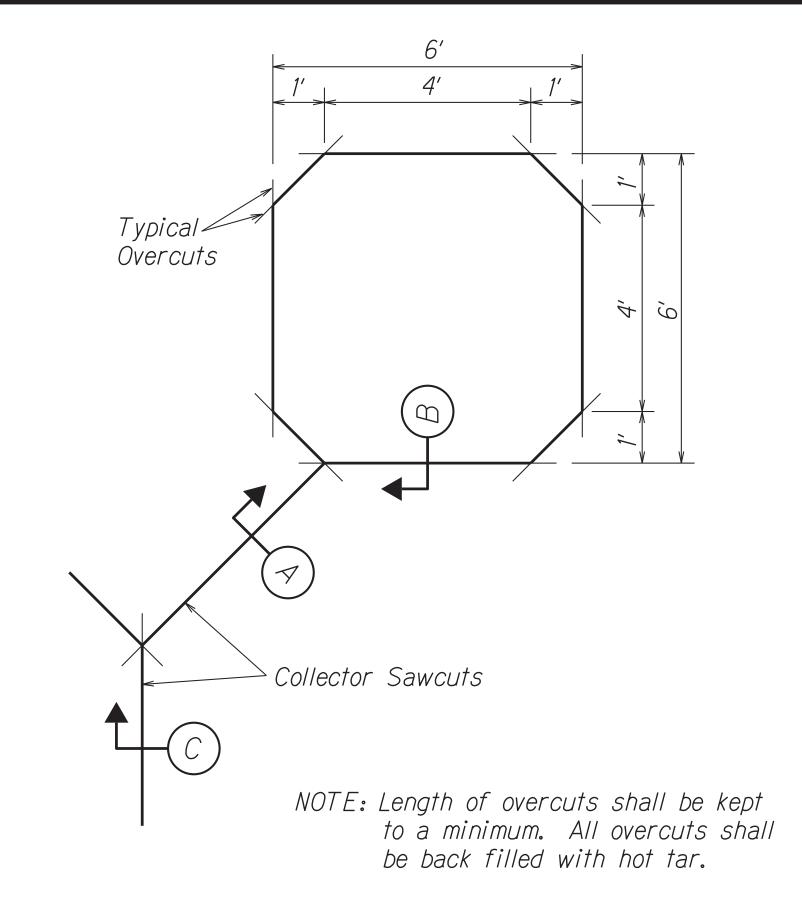


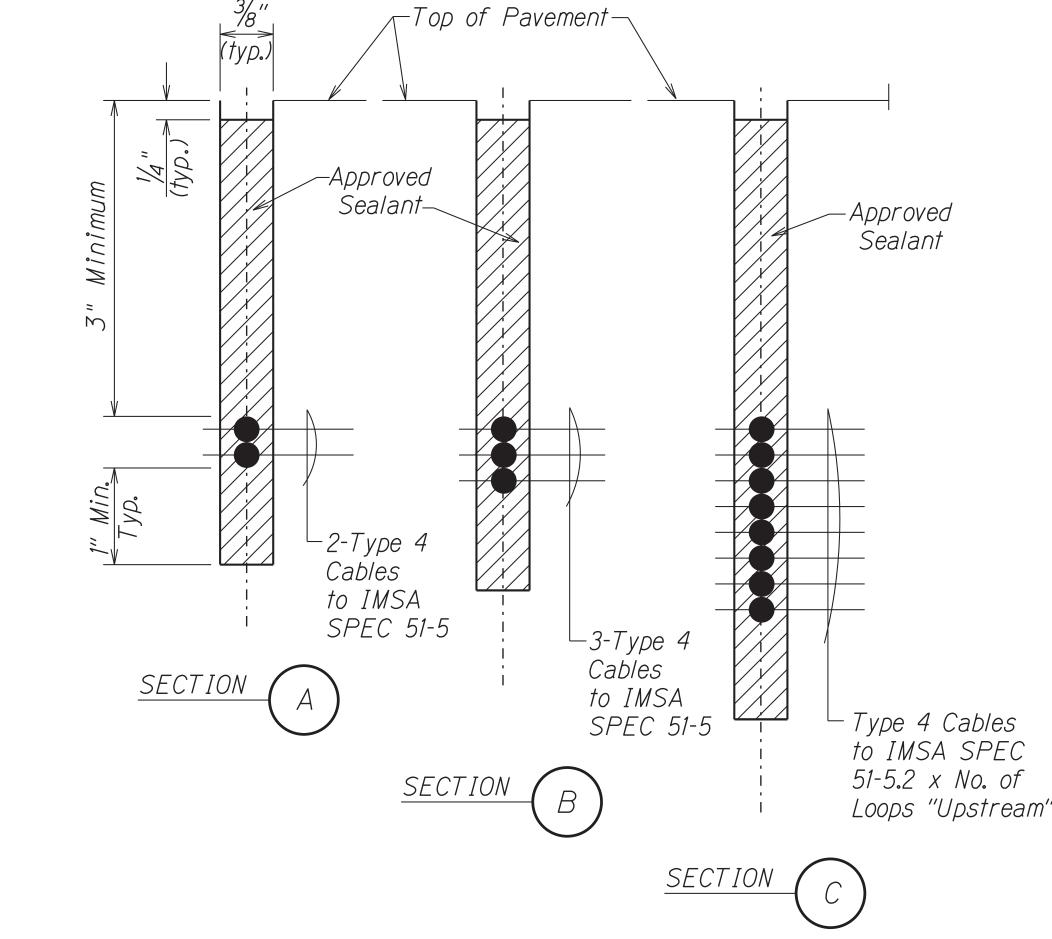
NOTES:

- 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.

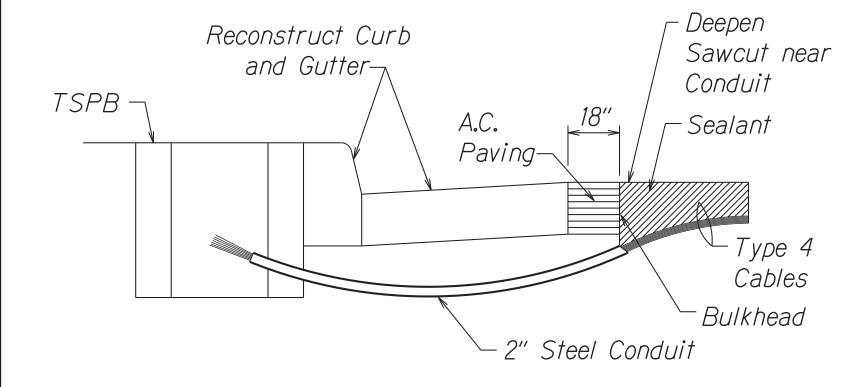
TYPICAL SENSOR LOOP LAYOUT



TYPICAL SENSOR LOOP SAWCUT DETAIL



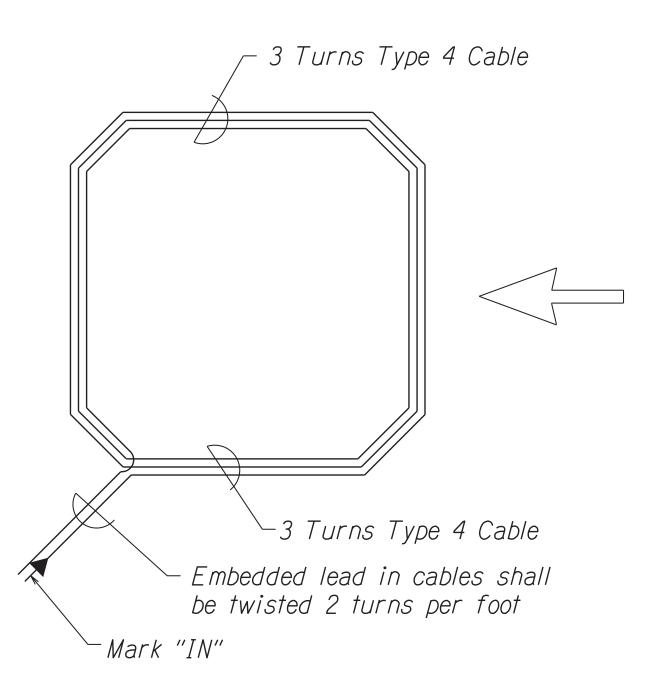
TYPICAL SECTION THROUGH SENSOR LOOP Not to Scale



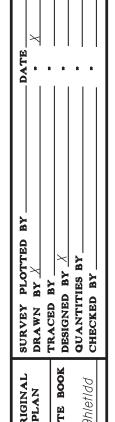
NOTES ON CONSTRUCTION AT END OF SAWCUT

- 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



TYPICAL SENSOR LOOP WIRING DIAGRAM Not to Scale



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

FED. AID PROJ. NO.

наw. *NH-037-1(028)*

FISCAL YEAR

2022

40

LOOP DETECTOR DETAILS

HALEAKALA HIGHWAY RECONSTRUCTION

North Firebreak Road to Old Haleakala Highway Fed. Aid Proj. No. NH-037-1(028) Date: March 2022

Not To Scale

SHEET No. *T20* OF *22* SHEETS