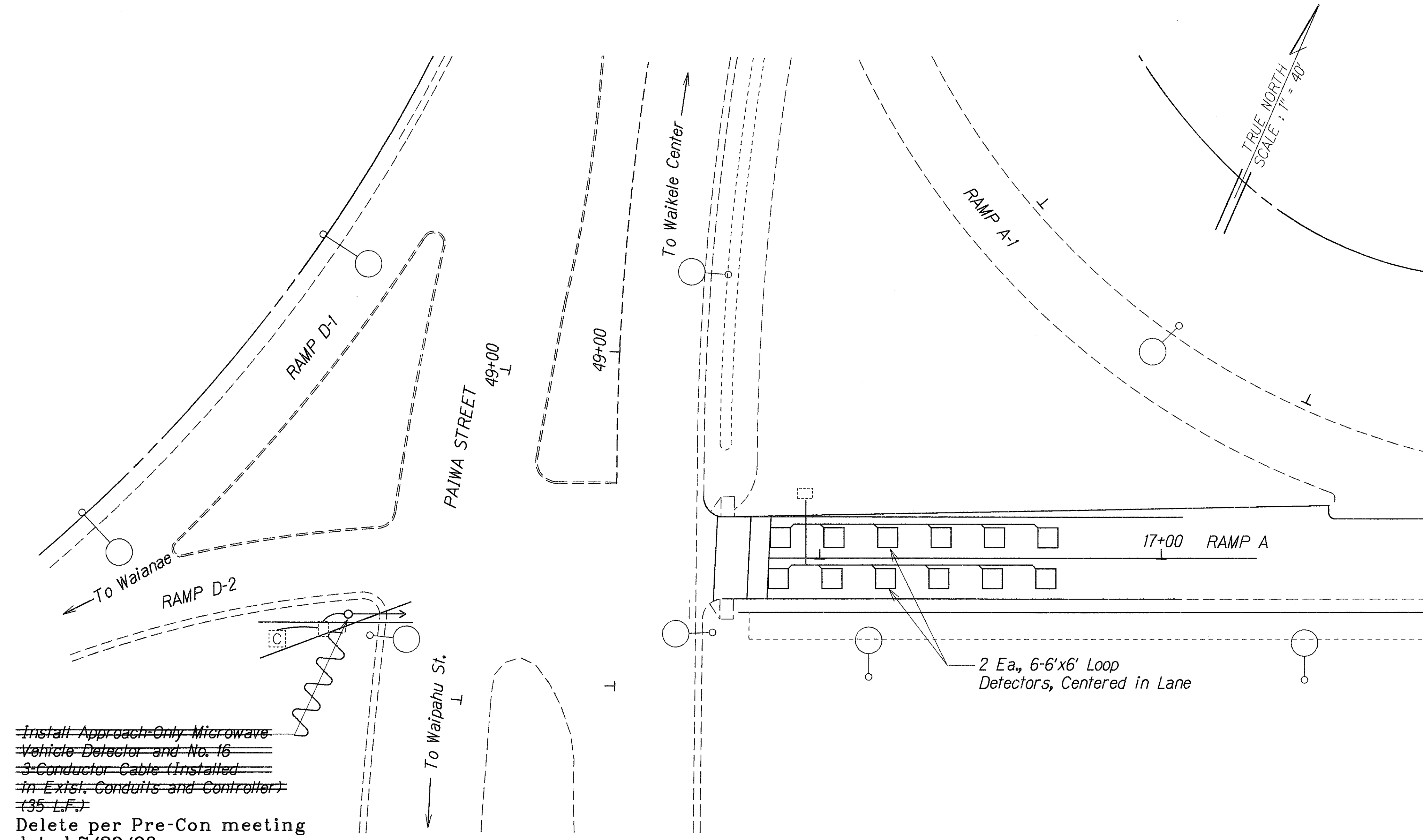


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIC-02-98M	1998	11	13



~~Install Approach-Only Microwave Vehicle Detector and No. 16~~
~~3-Conductor Cable (Installed in Exist. Conduits and Controller) (35 L.F.)~~
Delete per Pre-Con meeting dated 7/29/98.

PLAN
Scale: 1"=20'

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY M. T. H. H. H.	1
TO DAY	DESIGNED BY G. K. K.	
BY	QUANTITIES BY	
BY	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

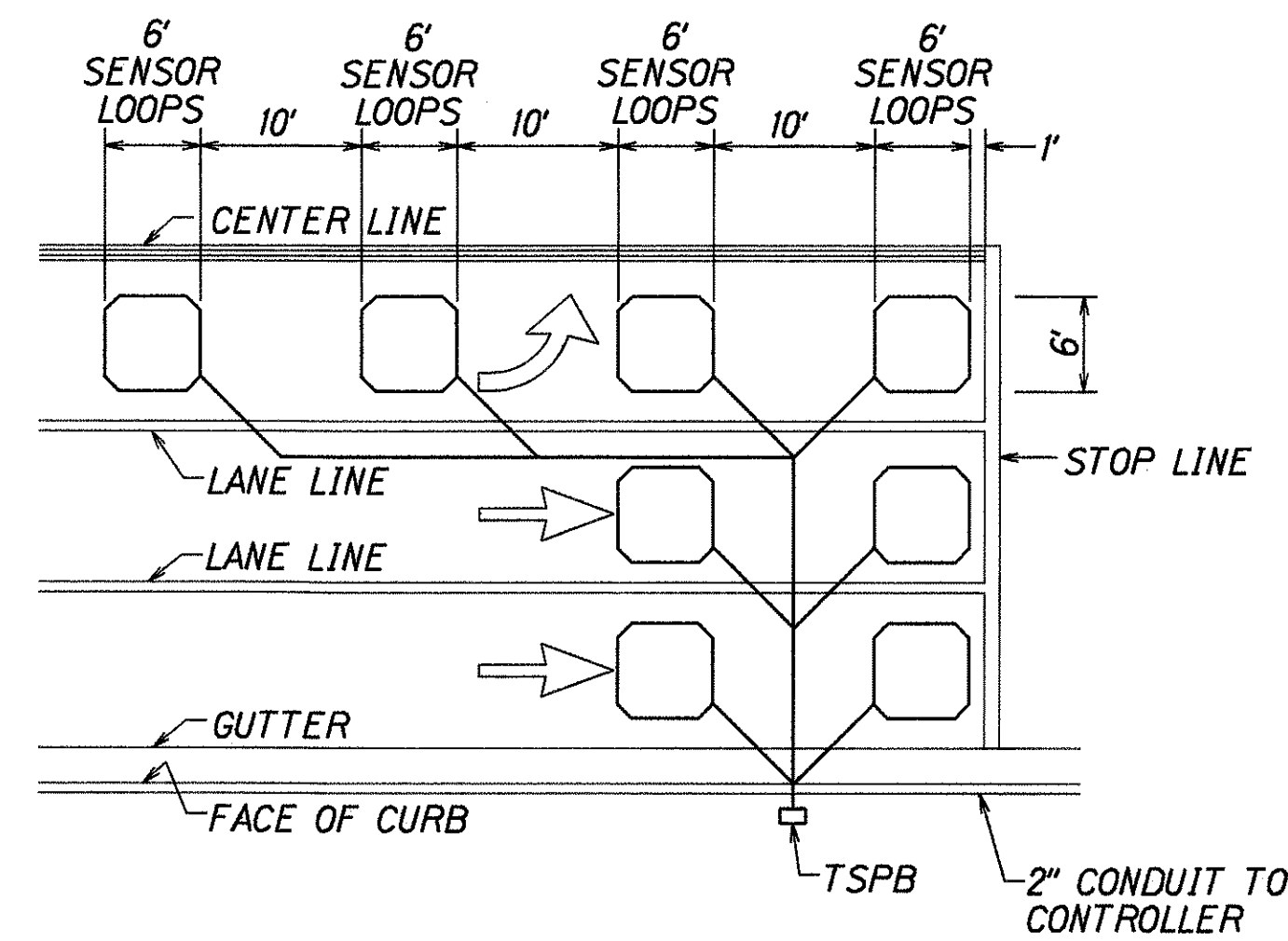
LOOP DETECTOR PLAN

INTERSTATE ROUTE H-1, RESURFACING
OF WAIKELE OFF-RAMP (OUTBOUND)
Project No. HIC-02-98M

Scale: 1"=20' Date: April, 1998

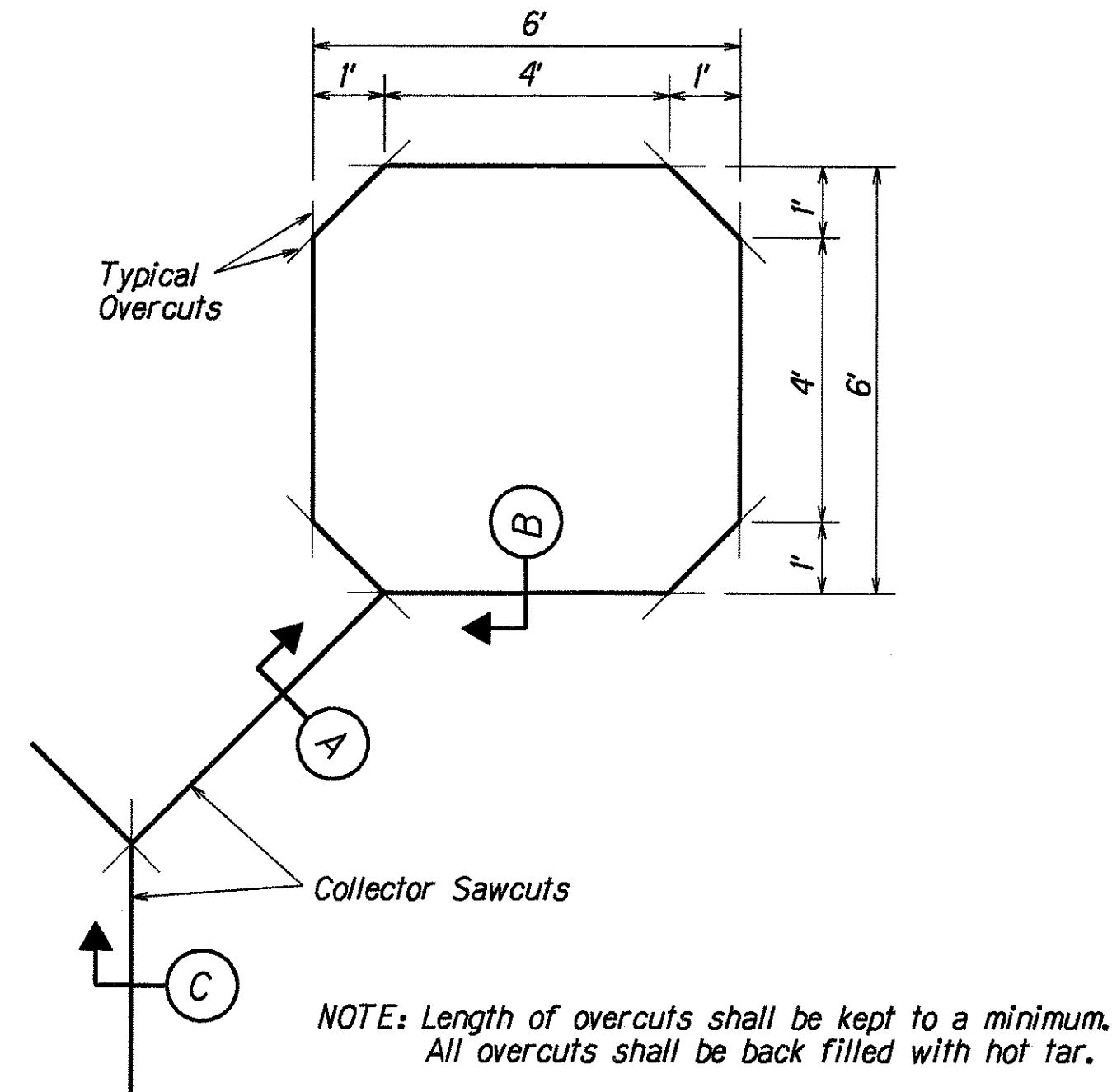
SHEET No. T4 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIC-02-98M	1998	12	13

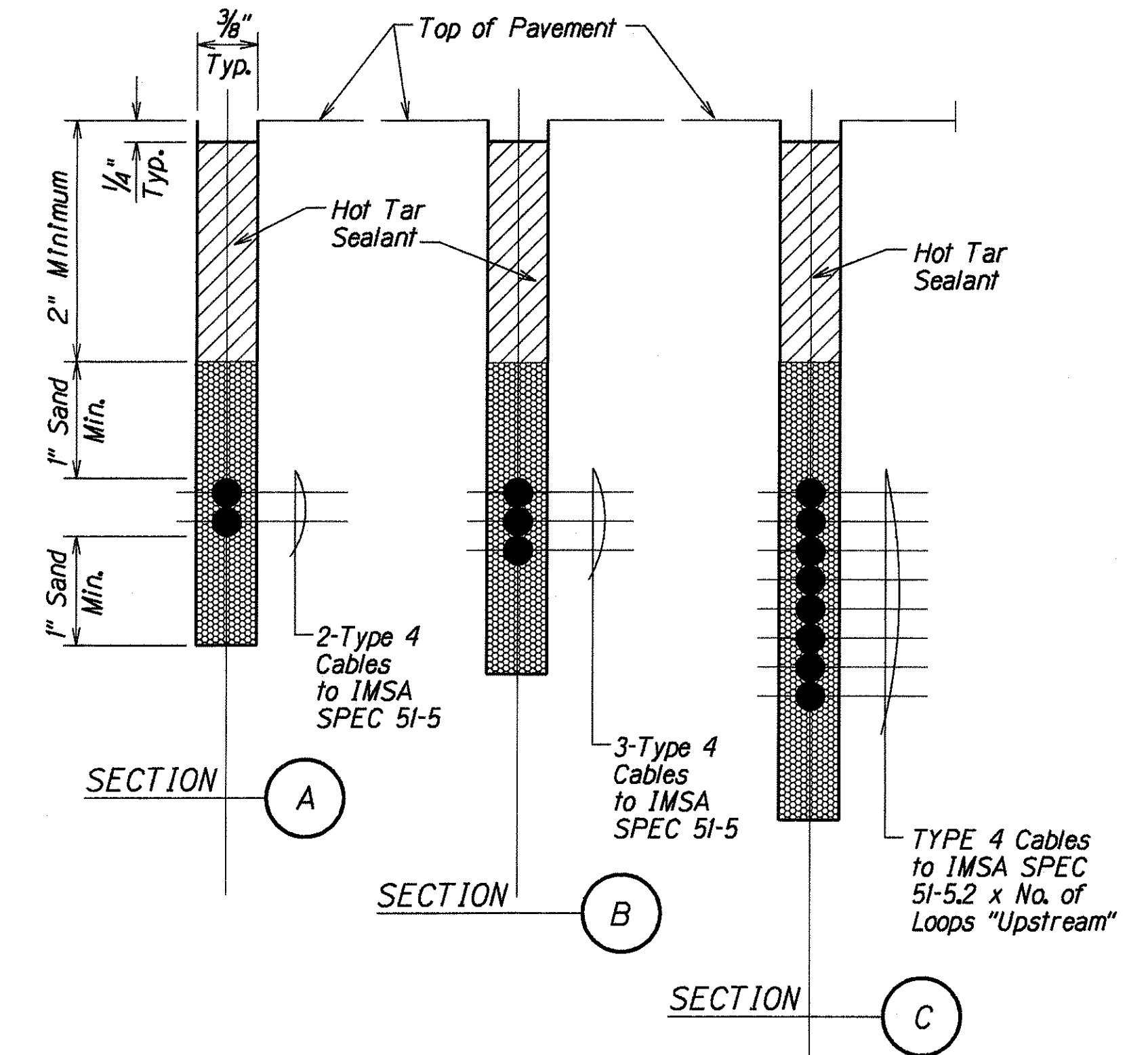


- NOTES:
1. Center sensor loops in lanes.
 2. Collector cables shall be twisted 2 turns per foot.
 3. Number of loops and locations vary. See project plans.
 4. Number and locations of collector sawcuts may be varied in the field to suit.

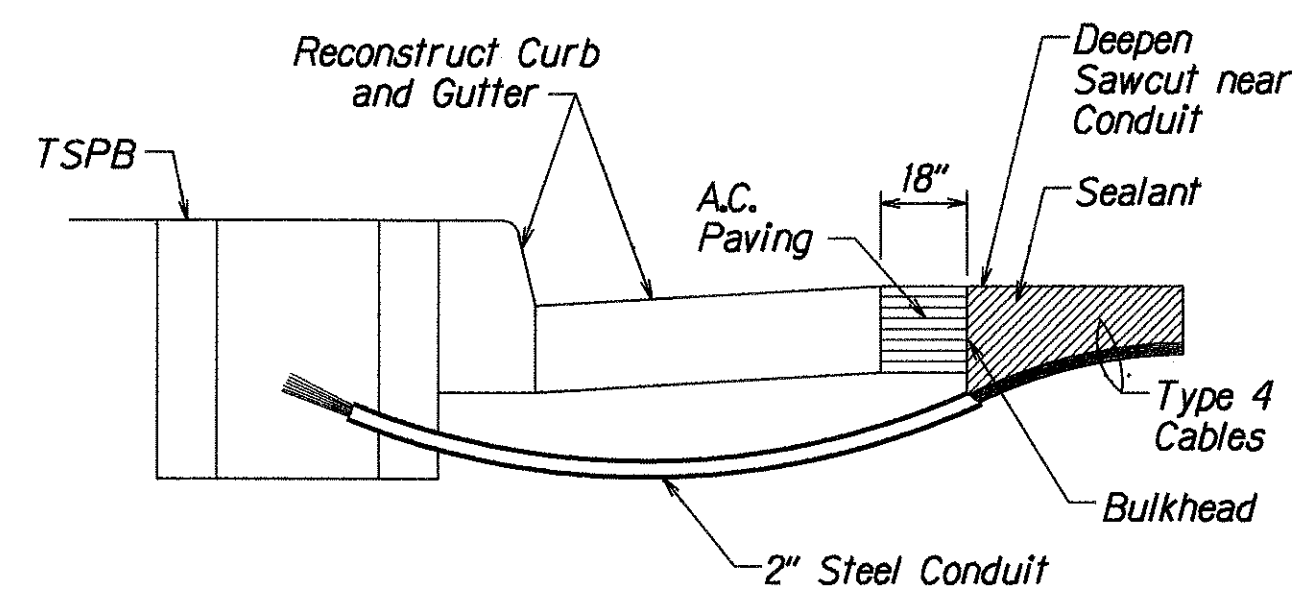
TYPICAL SENSOR LOOP LAYOUT



TYPICAL SENSOR LOOP SAWCUT DETAIL

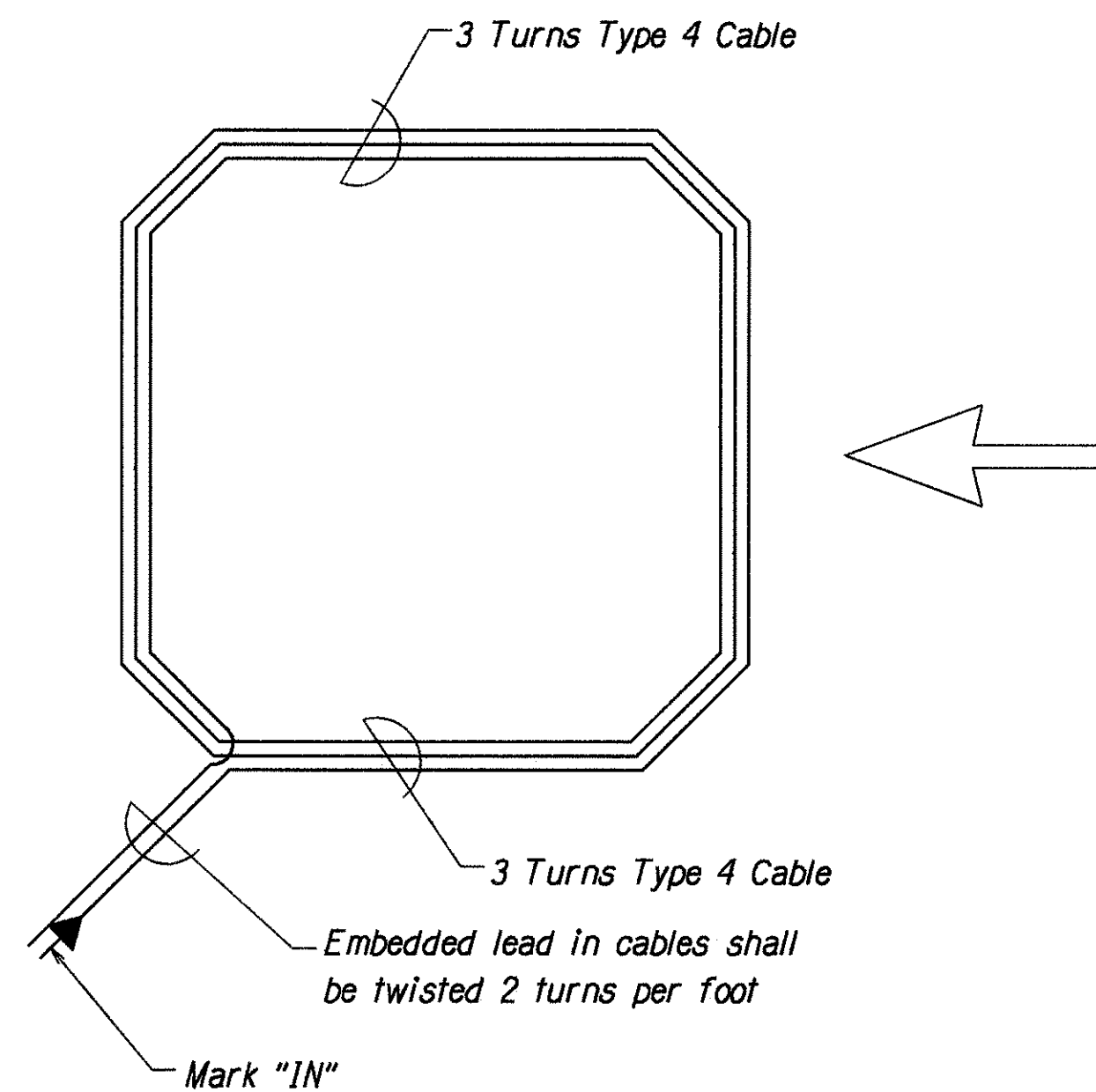


TYPICAL SECTION THROUGH SENSOR LOOP



- 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 AC.
 5. Reconstruct curb and gutter as required.

DETAIL OF SENSOR LOOP INSTALLATION AT EDGE OF ROADWAY



TYPICAL SENSOR LOOP WIRING DIAGRAM

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

R12-15-97 TE-40

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LOOP DETECTOR DETAILS

INTERSTATE ROUTE H-1, RESURFACING OF WAIKELE OFF-RAMP (OUTBOUND)

Project No. HIC-02-98M

Not to Scale Date: April, 1998

SHEET No. T5 OF 6 SHEETS