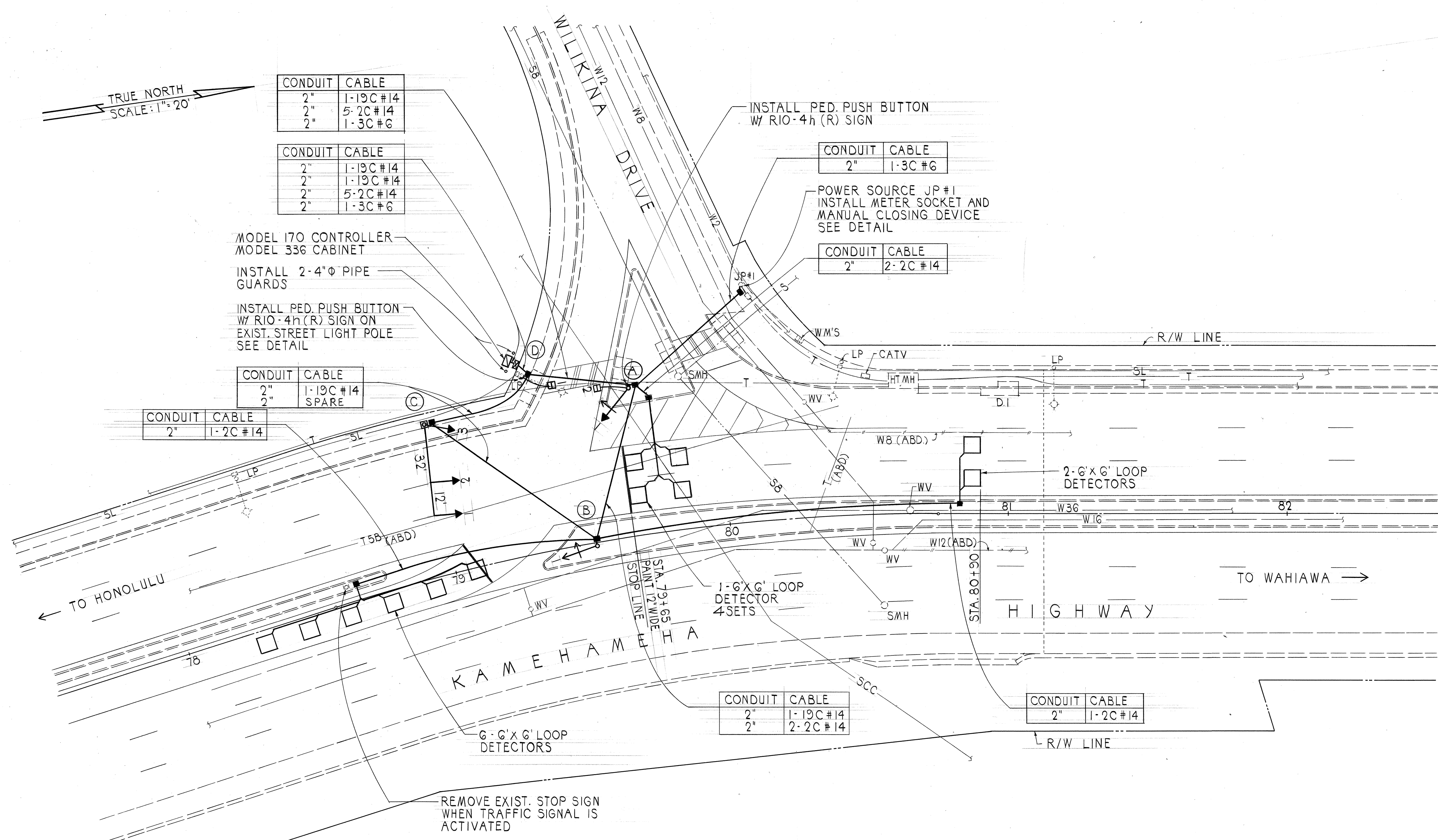


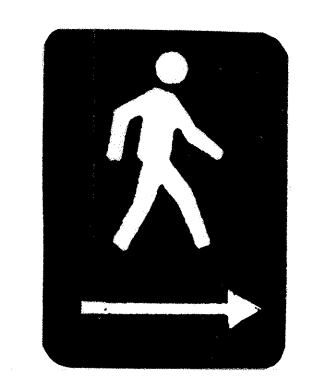
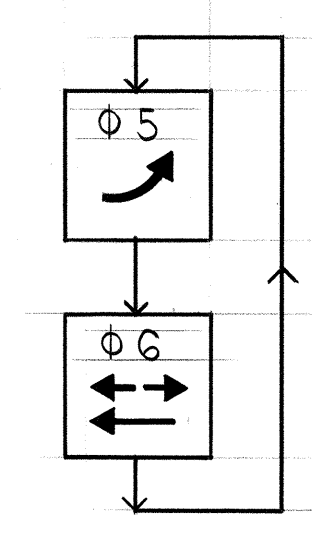
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-01-89	1989	4	5

- NOTES:
1. DETECTOR ASSIGNMENT SHALL BE PER CALIFORNIA DEPARTMENT OF TRANSPORTATION "TRAFFIC SIGNAL CONTROL LOCAL INTERSECTION PROGRAM", JULY 1978.
 2. PEDESTRIAN SIGNAL HEADS SHALL BE SOLID STATE NEON TYPE.



R	R	
Y	Y	
←	↑	
A-1	C-1	A-2
*B-1	C-2	D-1
	C-3	

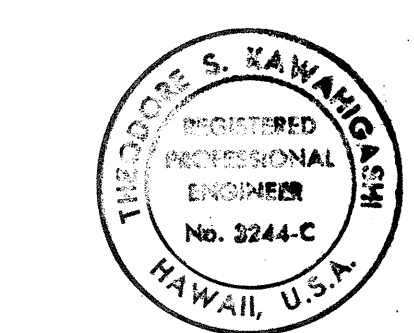
* PROGRAMMABLE VISIBILITY HEAD



R10-4h (R)
5" x 7"

SIGNAL INDICATIONS PHASE DIAGRAM

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Theodore S. Kawahigashi

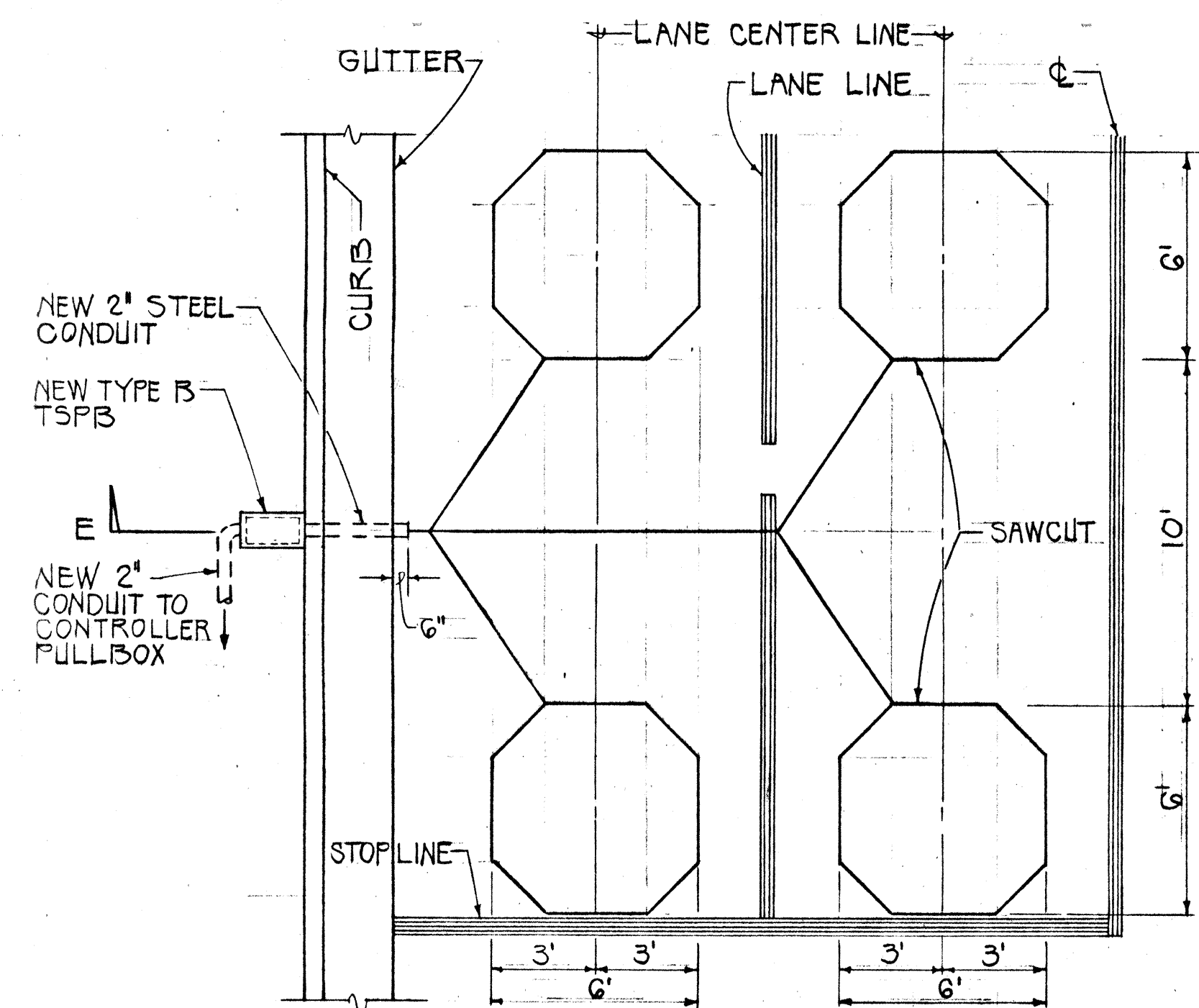
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN

KAMEHAMEHA HIGHWAY
TRAFFIC SIGNALS AT WILIKINA DRIVE
PROJECT NO. 99C-01-89

SCALE: AS NOTED DATE: OCT. 1988
SHEET NO. 4 OF 5 SHEETS

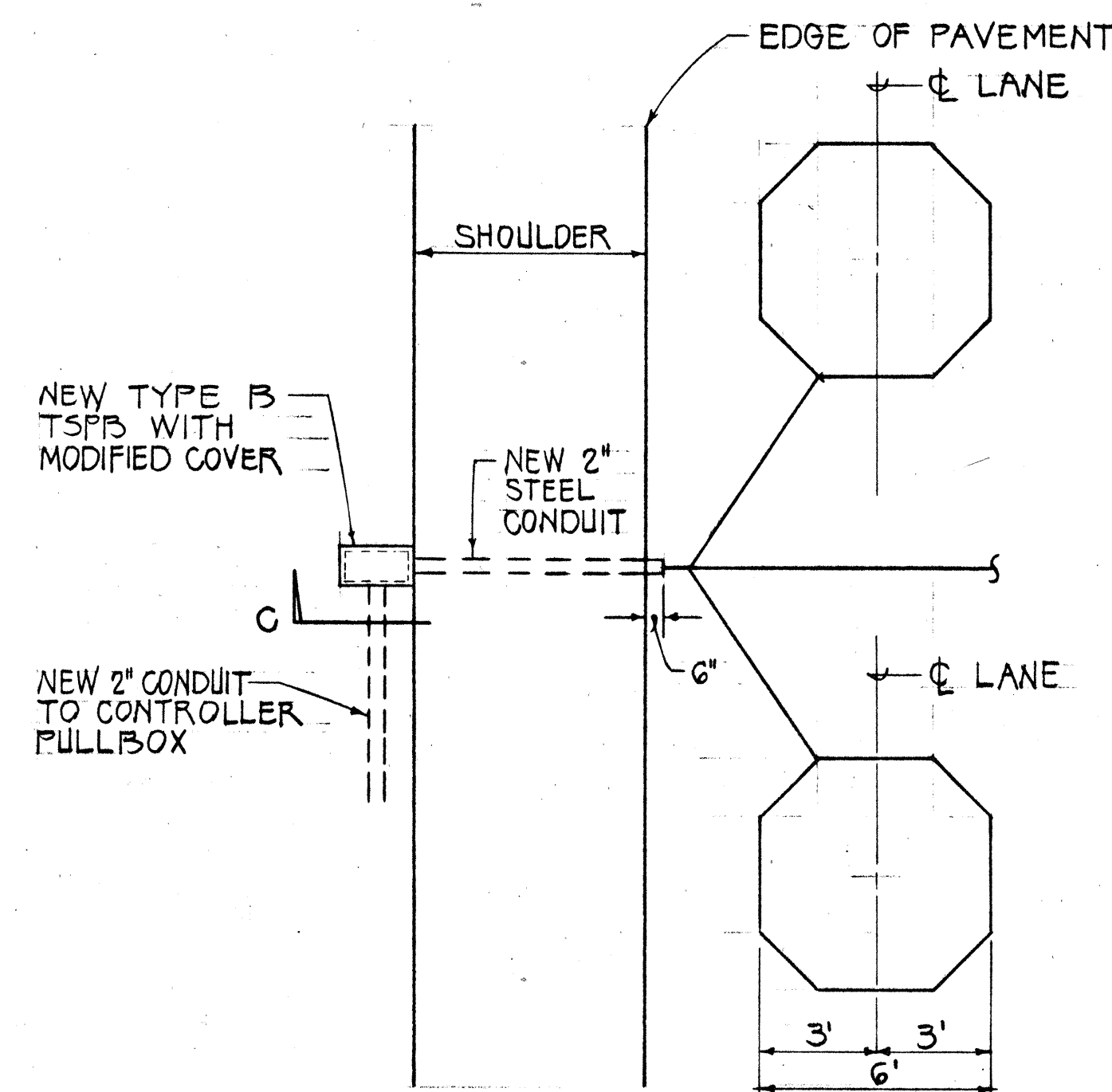
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-01-89	1989	5	5



NOTE: ADD ONE PAIR OF LOOPS FOR EACH ADDITIONAL LANE

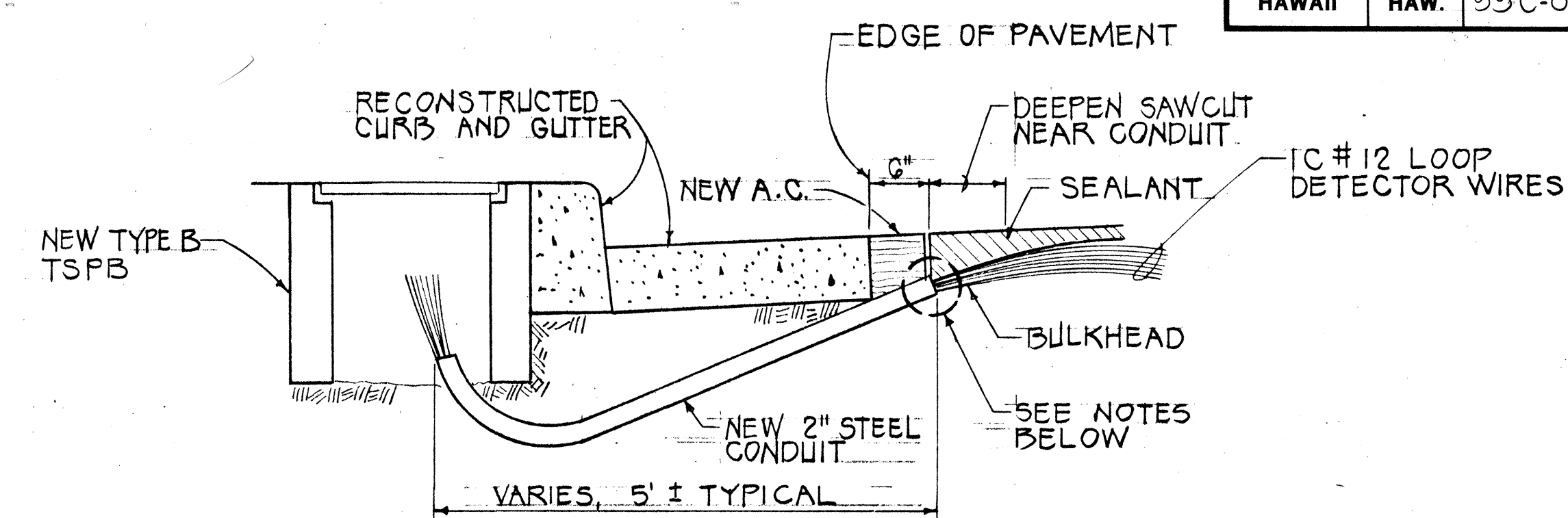
TYPICAL LAYOUT AT STOPLINES

SCALE: 1/4" = 1'-0"



TYPICAL LAYOUT AT SHOULDER AREAS

SCALE: 1/4" = 1'-0"

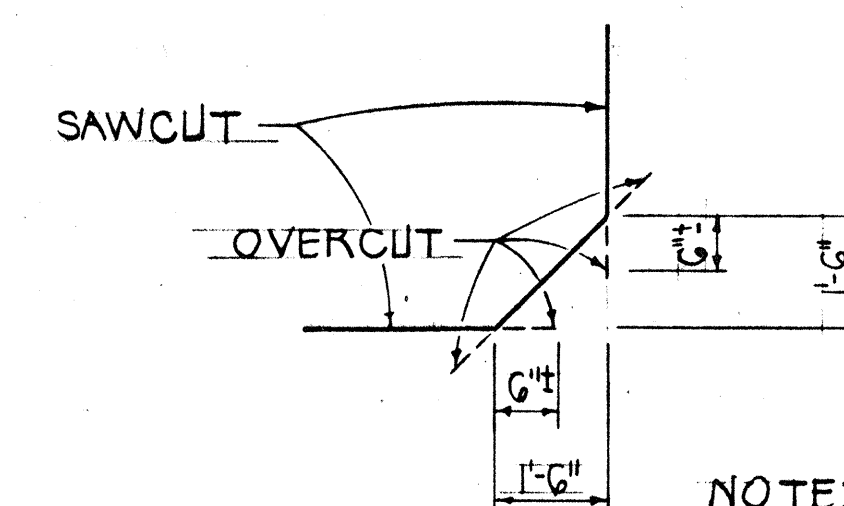


NOTES:

1. SEAL ROADWAY END OF CONDUIT AFTER INSTALLATION OF CONDUCTORS.
2. INSTALL BULKHEAD ACROSS CONDUIT TRENCH.
3. PLACE APPROVED SEALANT IN SAWCUT
4. BACKFILL OVER CONDUIT WITH NEW A.C.
5. RECONSTRUCT CURB AND GUTTER AS REQUIRED.

SECTION E

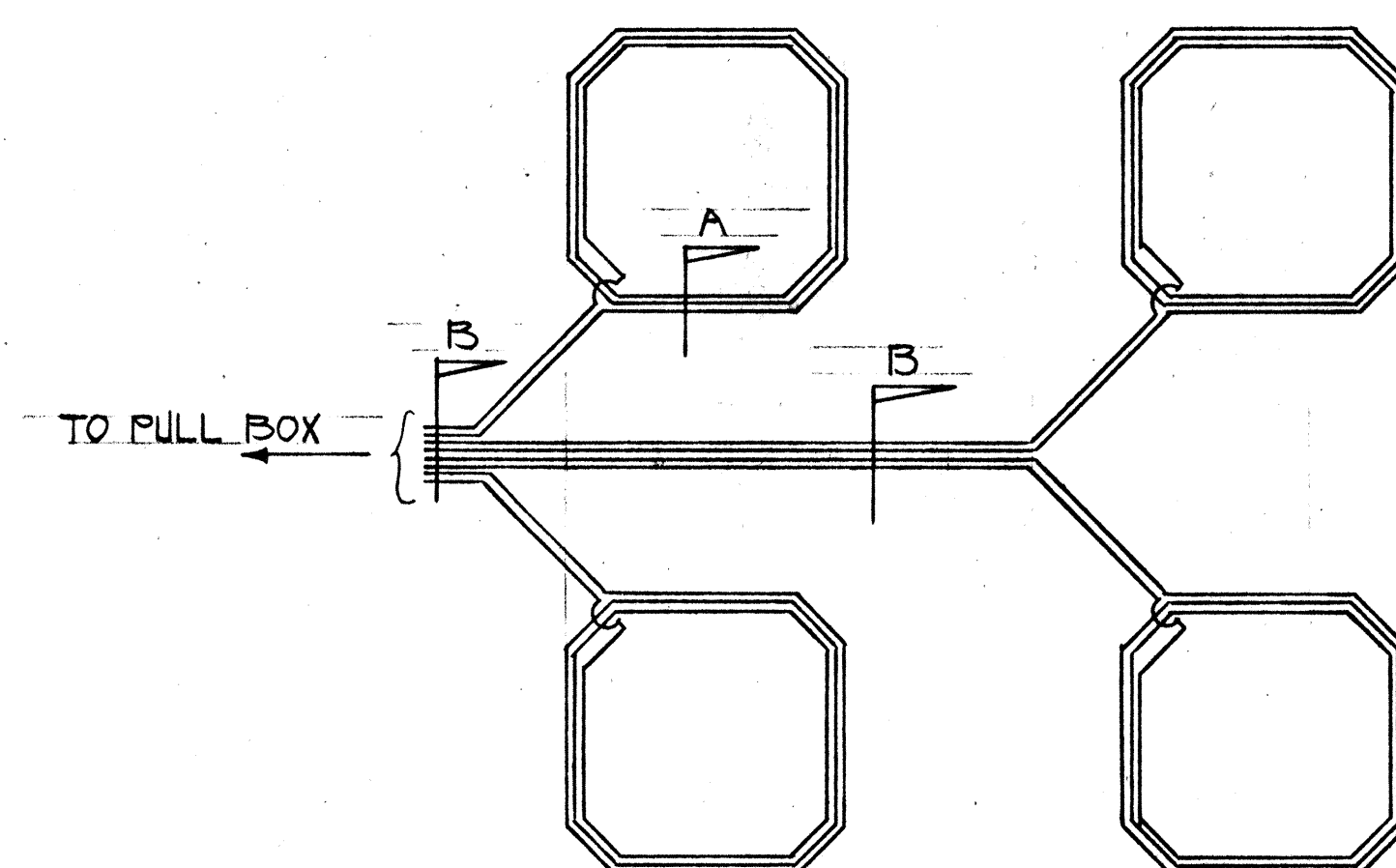
NOT TO SCALE



NOTE: BACKFILL OVERCUTS WITH EPOXY.

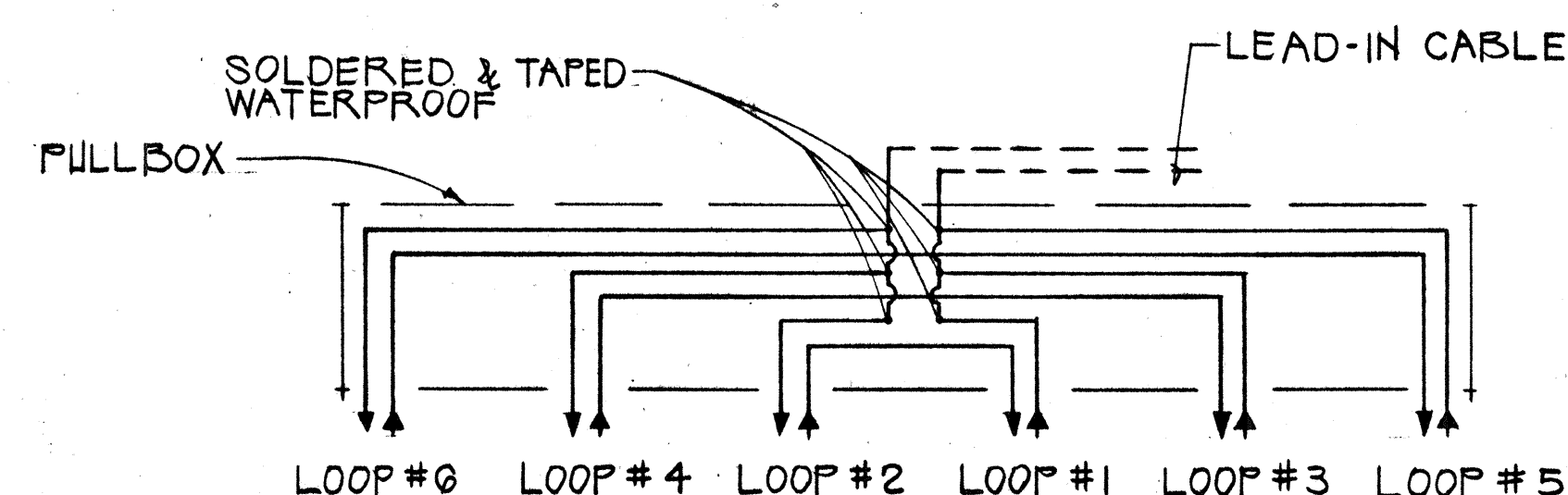
DETAIL OF SAWCUT AT CORNERS

NOT TO SCALE



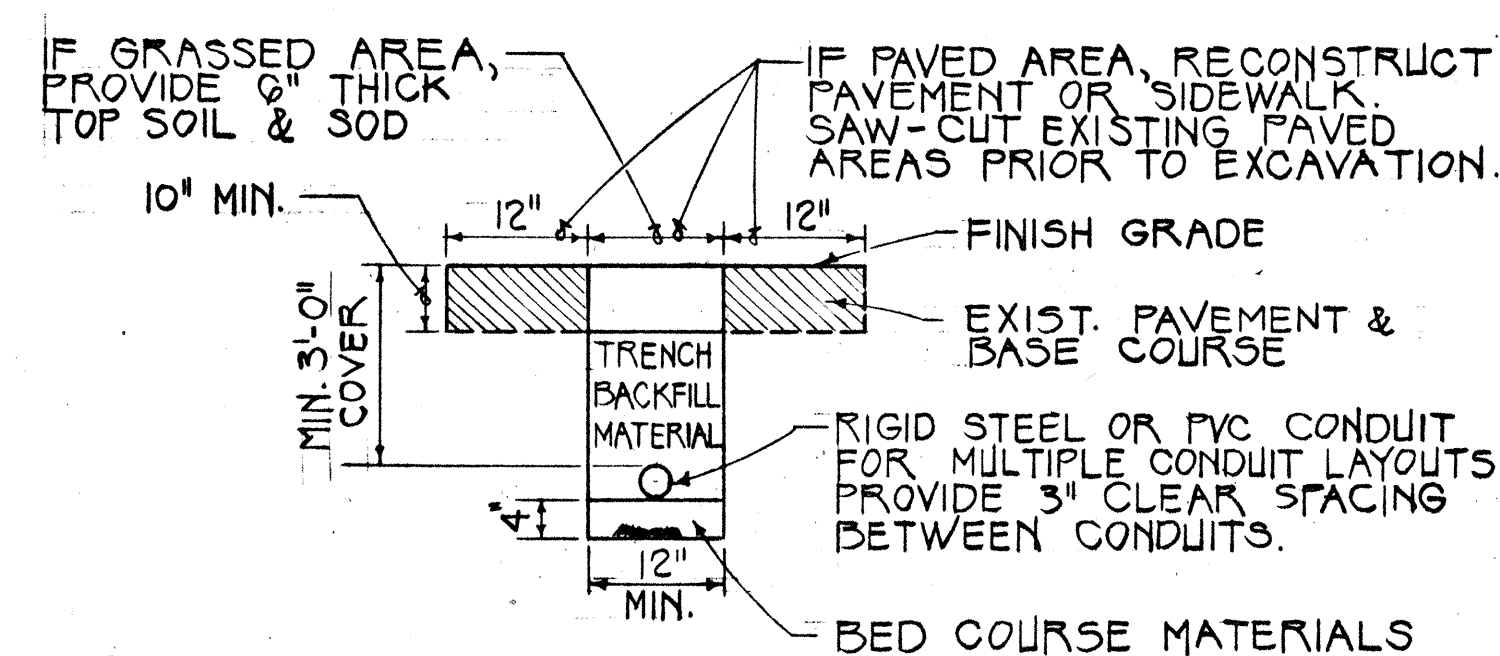
WIRING DIAGRAM

NOT TO SCALE



DETAIL "A"

TYPICAL SERIES - PARALLEL LOOP CONNECTION



SECTION C

NOT TO SCALE

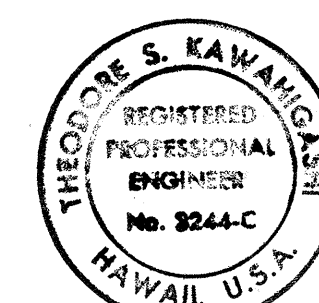
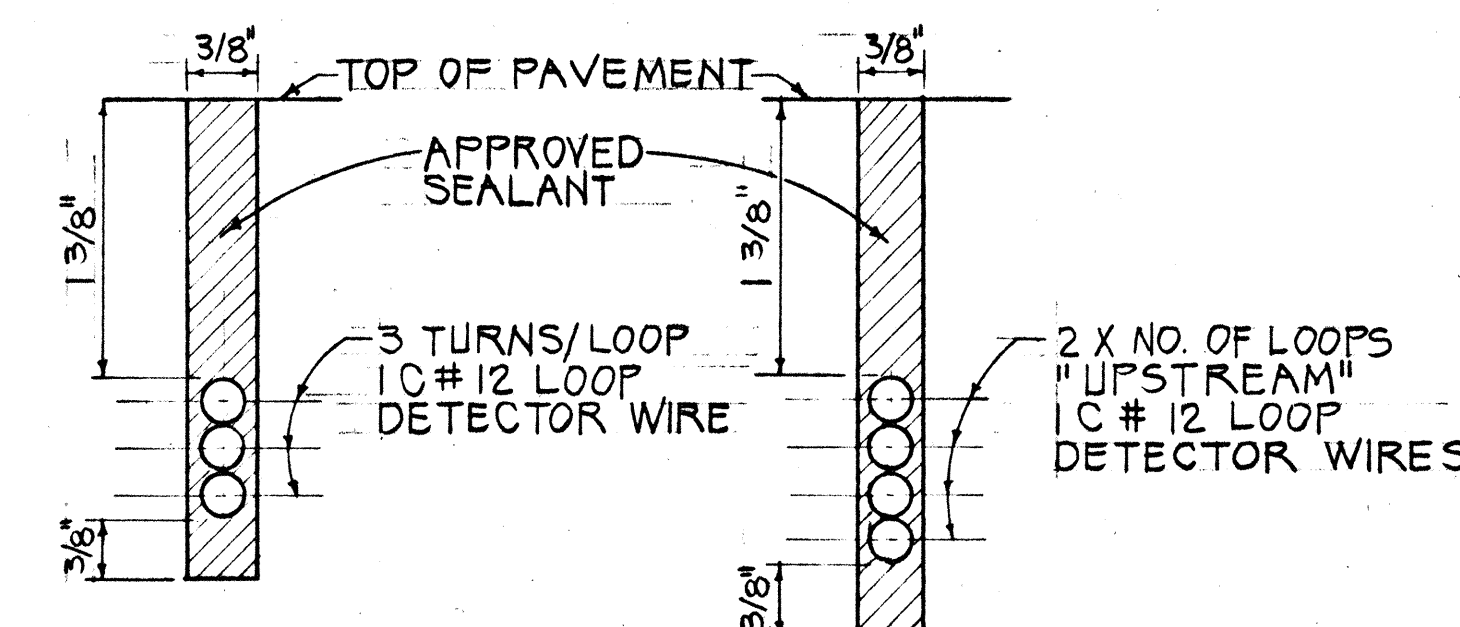
NOTE: ALL CONDUITS UNDER ROADWAYS SHALL BE STEEL OR PVC SCHEDULE 80

SECTION A

NOT TO SCALE

SECTION B

NOT TO SCALE



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Theodore S. Kawahigashi

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LOOP DETECTOR DETAIL

KAMEHAMEHA HIGHWAY
TRAFFIC SIGNALS AT WILIKINA DRIVE
PROJECT NO. 99C-01-89

SCALE: AS NOTED DATE: OCT. 1988

SHEET No. 5 OF 5 SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	