

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-FF-078-1(6)	1976	8	142

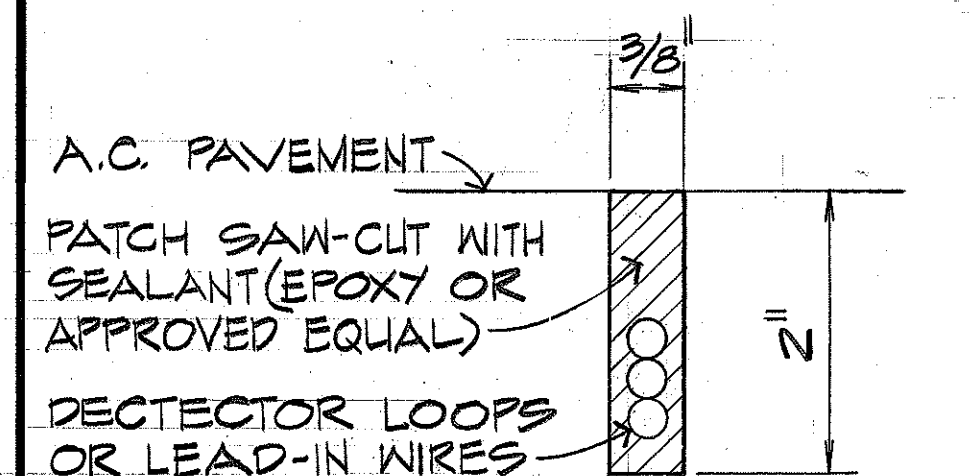
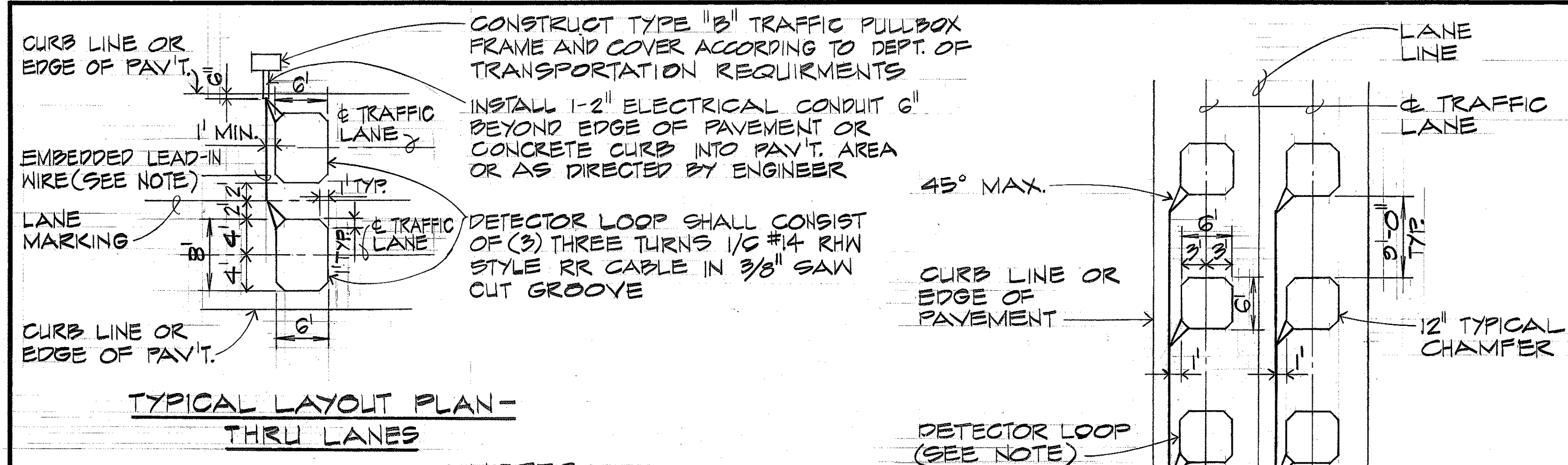
S36.750E

GENERAL NOTES

1. ALL CIRCULAR LENS FACES - 12 INCHES.
2. PULLBOXES, SIGNAL POSTS ETC. SHALL BE 2' CLEAR (MIN.) FROM FACE OF CURBING.

1/2" C. W/2 1/2" #2, 1#2 GRD.
TO TEMPORARY
HECO SVC.

1-2" C. W/2 - 1/2" #2, 1#2 GRD.
1-2" C. W/1 - 7/8" #16 INTERCONNECT CABLE
TO ADJACENT CONTROLLER ON KAUAI ST.
SEE SHT. E-1. PROVIDE 5'-0" SLACK IN
BOTH CONTROLLERS FOR FUTURE
CONNECTION BY OTHERS.



NOTES:

1. INSTALL DETECTOR LOOP WITH 3 TURNS OF 1-1/8" #4 RHW STYLE RR CABLE IN SAW CUT.
2. EMBEDDED LEAD-IN WIRE SHALL BE TURNED 2 TURNS PER FT.
3. WIRING IN PULLBOX SHALL BE AS RECOMMENDED BY THE LOOP DETECTOR MANUFACTURER.
4. EXACT LOCATION OF DETECTOR LOOPS SHALL BE DIRECTED BY ENGINEER.

2" STEEL CONDUIT

PULLBOX (SEE NOTE)

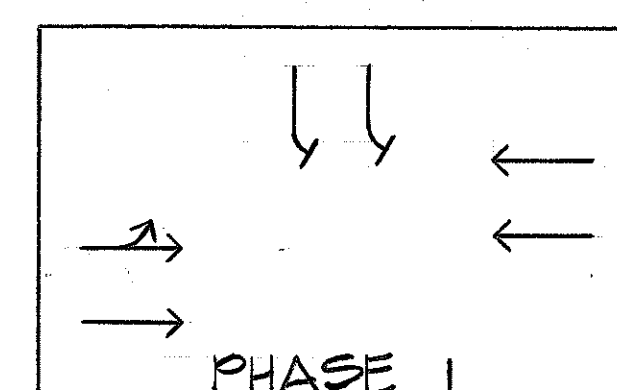
TYPICAL LAYOUT PLAN - LEFT TURN LANES

DETECTOR LOOP DETAILS

NO SCALE

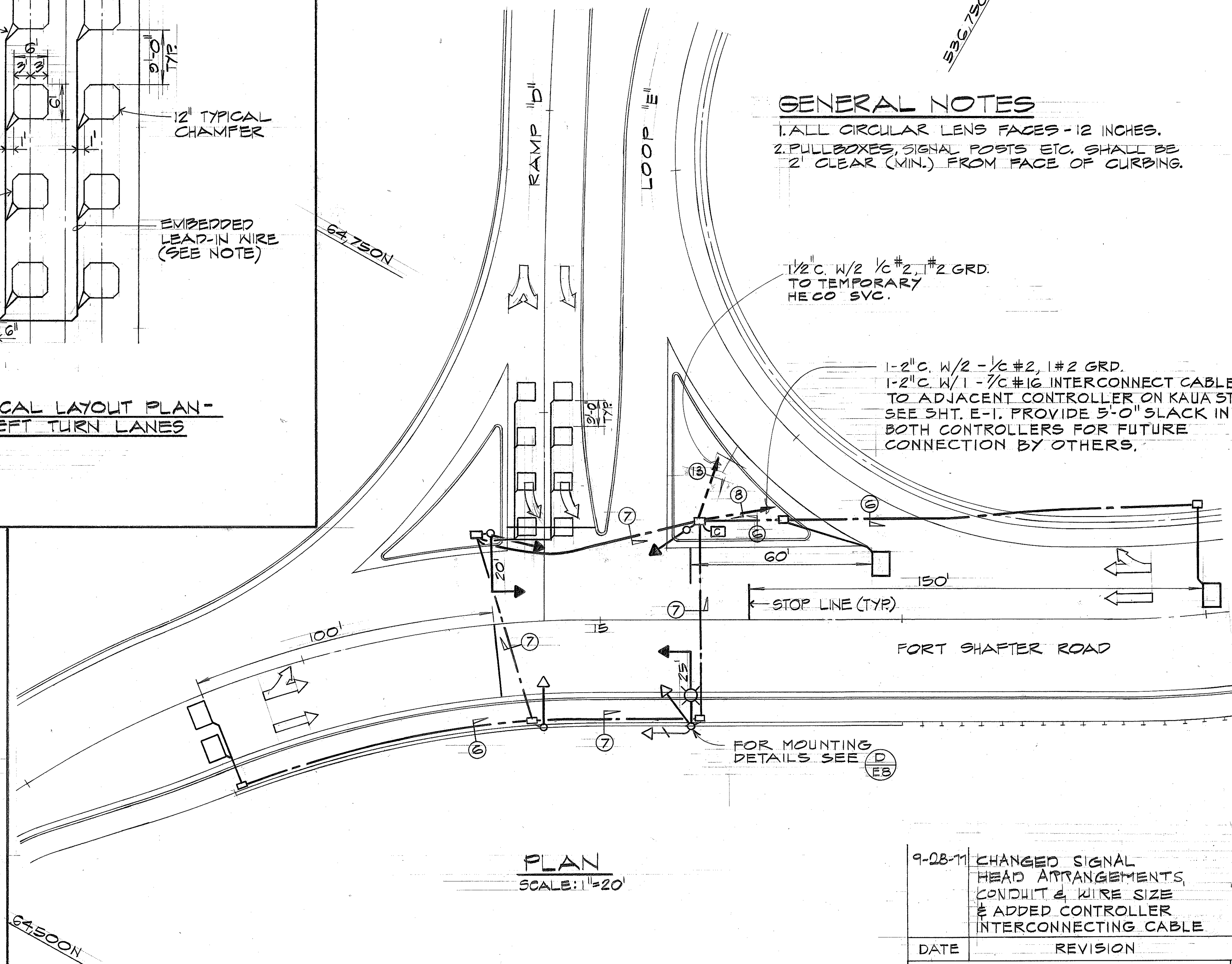
LEGEND:

- TYPE "B" TRAFFIC SIGNAL PULLBOX
- TRAFFIC SIGNAL STANDARD
- SIGNAL HEAD (INDICATING DIRECTION)
- ▲ TRAFFIC SIGNAL STANDARD W/MAST ARM SIGNAL & STREET LIGHT
- 25' MAST ARM SIGNAL (LENGTH OF MAST ARM INDICATED)
- DETECTORS
- TRAFFIC SIGNAL CONTROLLER



PHASE DIAGRAM

TRAFFIC SIGNAL HEAD LENS ARRANGEMENT



9-28-71 CHANGED SIGNAL HEAD ARRANGEMENTS CONDUIT & WIRE SIZE & ADDED CONTROLLER INTERCONNECTING CABLE

DATE REVISION

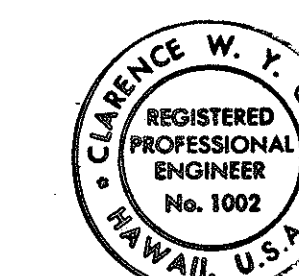
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL SYSTEM

MOANALUA ROAD
PULLOA I.C. TO MIDDLE ST. - UNIT 1
F.A. Proj. No. U-FF-078-1(6)

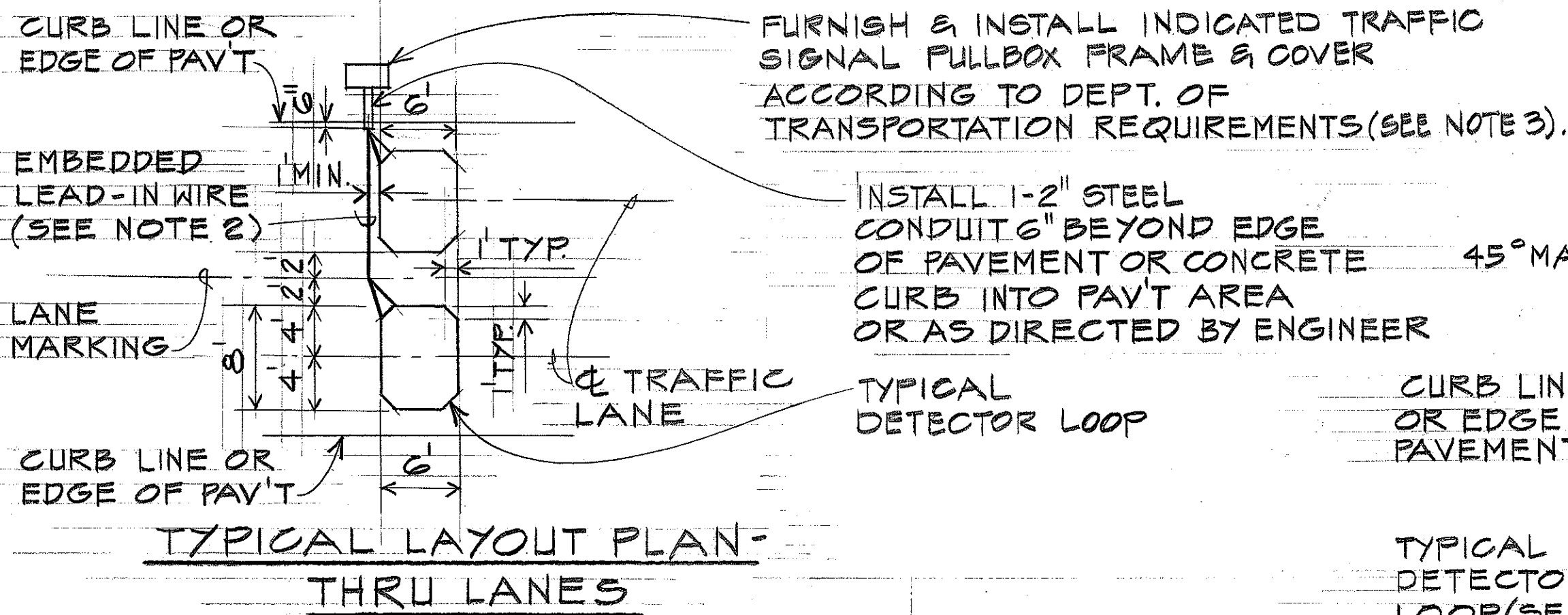
SCALE: AS SHOWN DATE: JUNE 25, 1976

SHEET No. E-4 OF 18 SHEETS



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

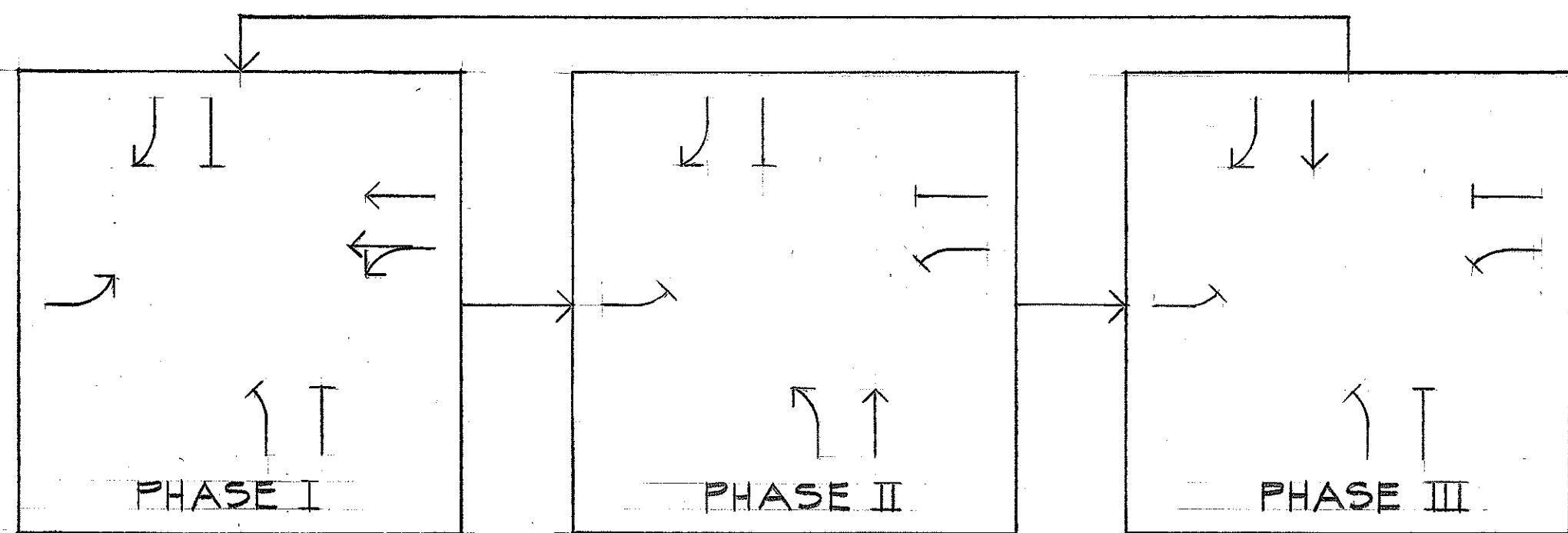
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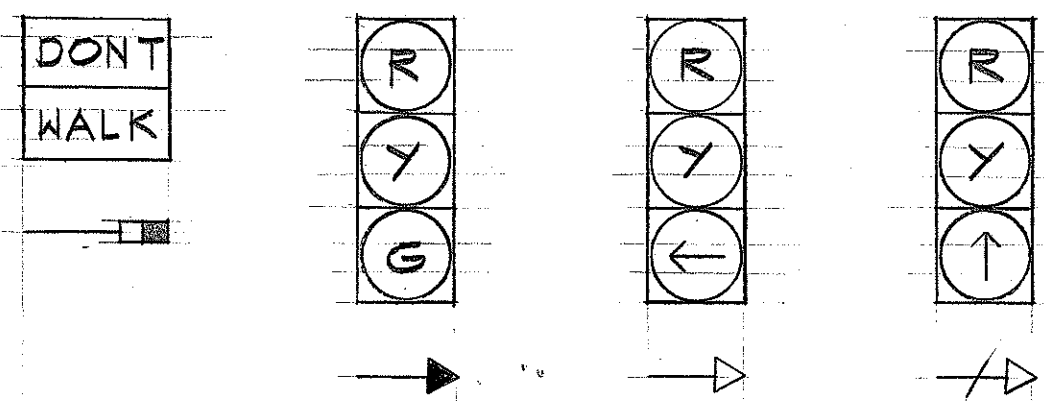
- NOTES**
1. INSTALL DETECTOR LOOP WITH 3 TURNS OF 1-1/8" #14 RHW STYLE RR CABLE IN 3/8" SAW CUT GROOVE.
 2. EMBEDDED LEAD-IN WIRE SHALL BE TURNED 2 TURNS PER FT.
 3. WIRING IN PULLBOX SHALL BE AS RECOMMENDED BY THE LOOP DETECTOR MANUFACTURER.
 4. EXACT LOCATION OF DETECTOR LOOPS SHALL BE DIRECTED BY ENGINEER.

TYPICAL "X" SECTION OF LOOP SAW CUT

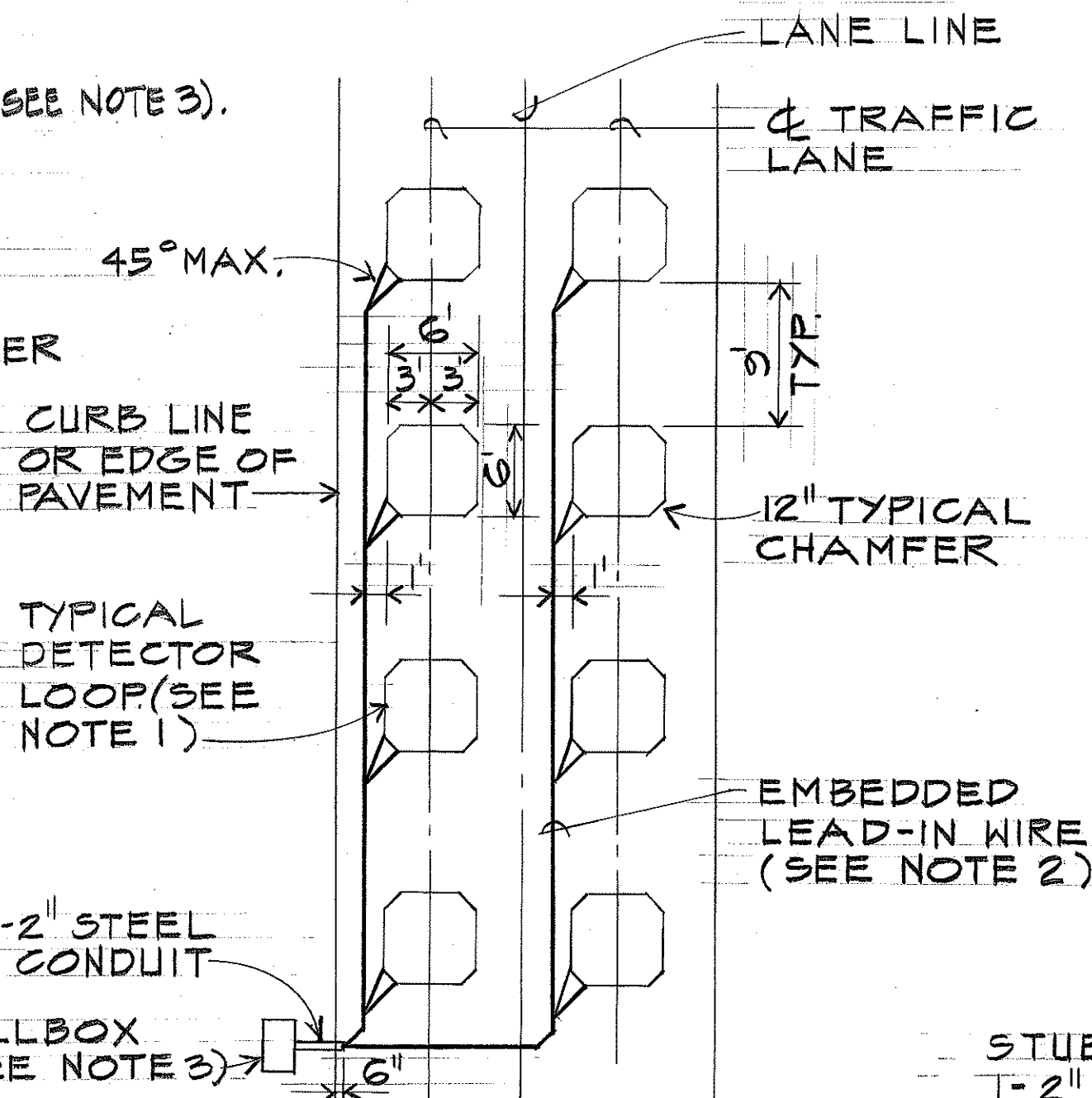
DETECTOR LOOP DETAILS
NO SCALE



PHASE DIAGRAM

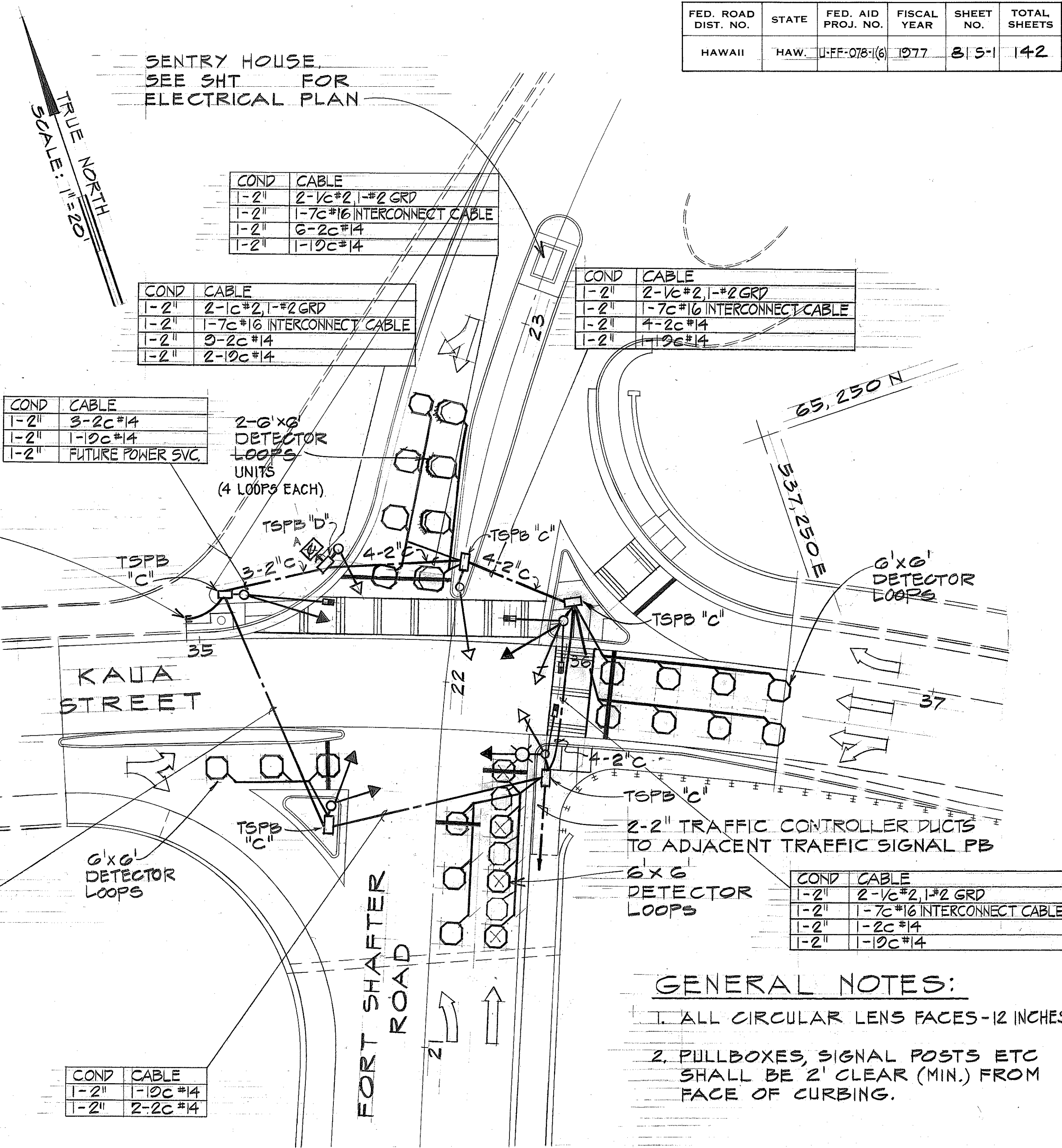


TRAFFIC SIGNAL HEAD LENS ARRANGEMENT



TYPICAL LAYOUT PLAN - LEFT TURN LANES

LEGEND	
	TRAFFIC SIGNAL P.B. (TYPE AS INDICATED)
	TRAFFIC SIGNAL STANDARD
	SIGNAL HEAD (INDICATING DIRECTION)
	SIGNAL HEAD ON STREET LIGHT STANDARD
	PEDESTRIAN SIGNAL HEAD WITH PUSHBUTTON AND SIGN
	DETECTOR LOOPS
	TRAFFIC SIGNAL CONTROLLER
	2-2" TRAFFIC SIGNAL CONDUIT UNLESS NOTED OTHERWISE



PLAN
SCALE: 1" = 20'

- GENERAL NOTES:**
1. ALL CIRCULAR LENS FACES - 12 INCHES
 2. PULLBOXES, SIGNAL POSTS ETC SHALL BE 2' CLEAR (MIN.) FROM FACE OF CURBING.

1-19-79	CHANGE ONE 6"x6" (4 LOOPS) TO ONE 6"x6" (3 LOOPS) LOOP
8-20-78	ADDED CABLES
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TRAFFIC SIGNAL SYSTEM	
MOANALUA ROAD PUULOA I.C. TO MIDDLE ST. - UNIT 1 FA. Proj No. U-FF-078-(6)	
SCALE: AS SHOWN	DATE: NOV. 17, 1977
SHEET NO.	OF SHEETS

CLARENCE W. F. CHING
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No. 1002
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.