

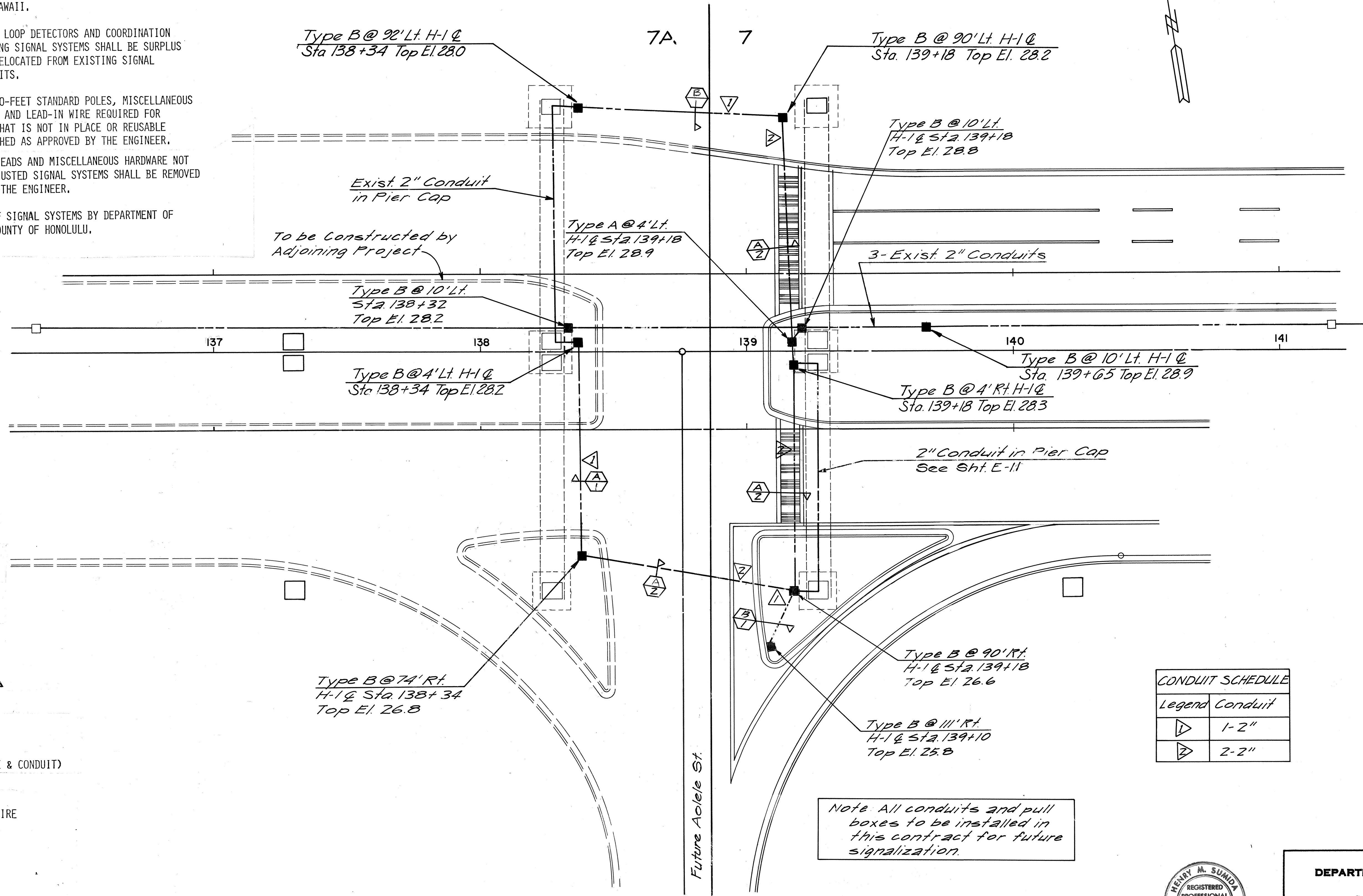
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(124)16	1978	30	223

GENERAL NOTES

- ALL SIGNAL POSTS AND POLES, SIGNAL HEADS AND SIGNAL HARDWARE AT SIGNALIZED INTERSECTIONS WITHIN PROJECT LIMITS ARE THE PROPERTY OF THE STATE OF HAWAII.
- ALL CABINETS, CONTROLLERS, LOOP DETECTORS AND COORDINATION UNITS REQUIRED FOR ADJUSTING SIGNAL SYSTEMS SHALL BE SURPLUS EQUIPMENT IN PLACE AT OR RELOCATED FROM EXISTING SIGNAL SYSTEMS WITHIN PROJECT LIMITS.
- ALL MAST ARMS AND POLES, 10-FOOT STANDARD POLES, MISCELLANEOUS HARDWARE, CABLE, LOOP WIRE AND LEAD-IN WIRE REQUIRED FOR ADJUSTING SIGNAL SYSTEMS THAT IS NOT IN PLACE OR REUSABLE SHALL BE CONTRACTOR FURNISHED AS APPROVED BY THE ENGINEER.
- ALL SIGNAL POLES, SIGNAL HEADS AND MISCELLANEOUS HARDWARE NOT RELOCATED OR REUSED IN ADJUSTED SIGNAL SYSTEMS SHALL BE REMOVED AND STORED AS DIRECTED BY THE ENGINEER.
- FINAL HOOKUP AND TIMING OF SIGNAL SYSTEMS BY DEPARTMENT OF TRANSPORTATION CITY AND COUNTY OF HONOLULU.

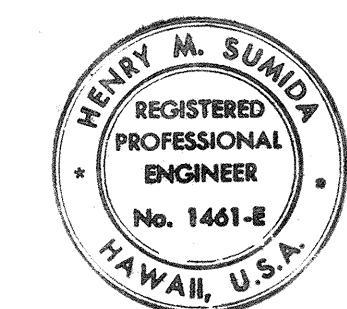
LEGEND

- ▷ RELOCATED SIGNAL
- ▷ EXISTING SIGNAL
- ◻ EXISTING CONTROLLER
- ◻ RELOCATED CONTROLLER
- ◻ EXISTING PULLBOX
- ◻ NEW PULLBOX
- EXISTING SIGNAL POST
- SIGNAL POST OR POLE IN PLACE
- NEW SIGNAL POST
- NEW SIGNAL POLE WITH MAST ARM
- ◻ NEW OR RELOCATED PED SIGNAL
- ◻ PED SIGNAL IN PLACE
- EXISTING CONDUIT (CABLE & CONDUIT)
- SPAN WIRE IN PLACE
- NEW OR RELOCATED SPAN WIRE
- EXISTING PAVEMENT ARROW
- NEW PAVEMENT ARROW
- ◻ NEW LOOP DETECTOR
- ◻ EXISTING LOOP DETECTOR
- PPB → PEDESTRIAN PUSHBUTTON (DIRECTION) W/SIGN
- NEW 2" PVC CONDUIT (SCHEDULE 80)
- NEW 2" PVC CONDUIT (SCHEDULE 40)



CONDUIT SCHEDULE	
Legend	Conduit
▷	1-2"
▷	2-2"

Note: All conduits and pull boxes to be installed in this contract for future signalization.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

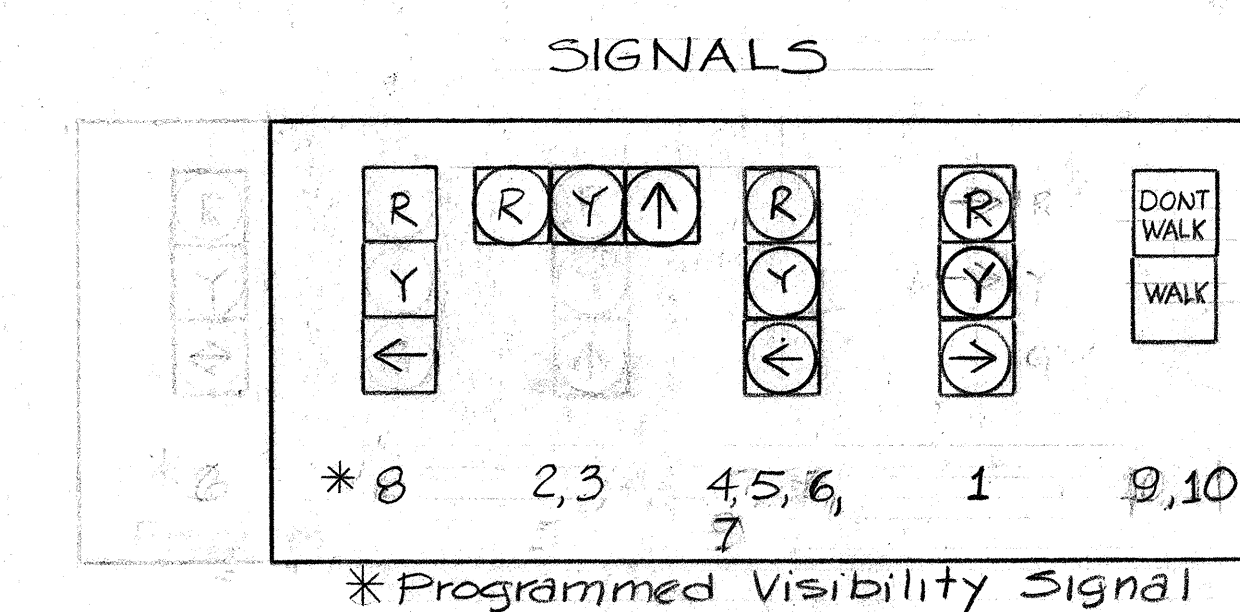
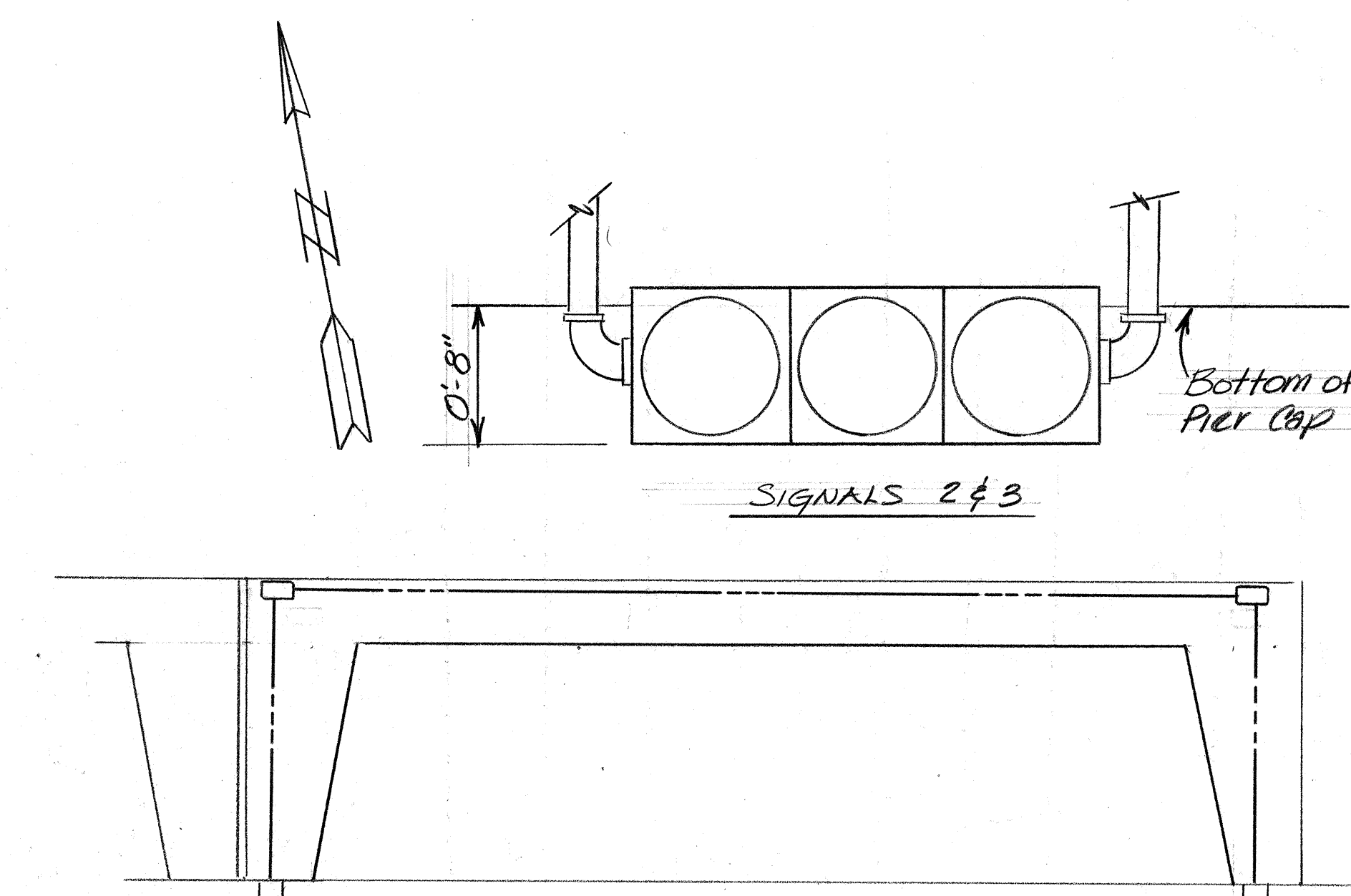
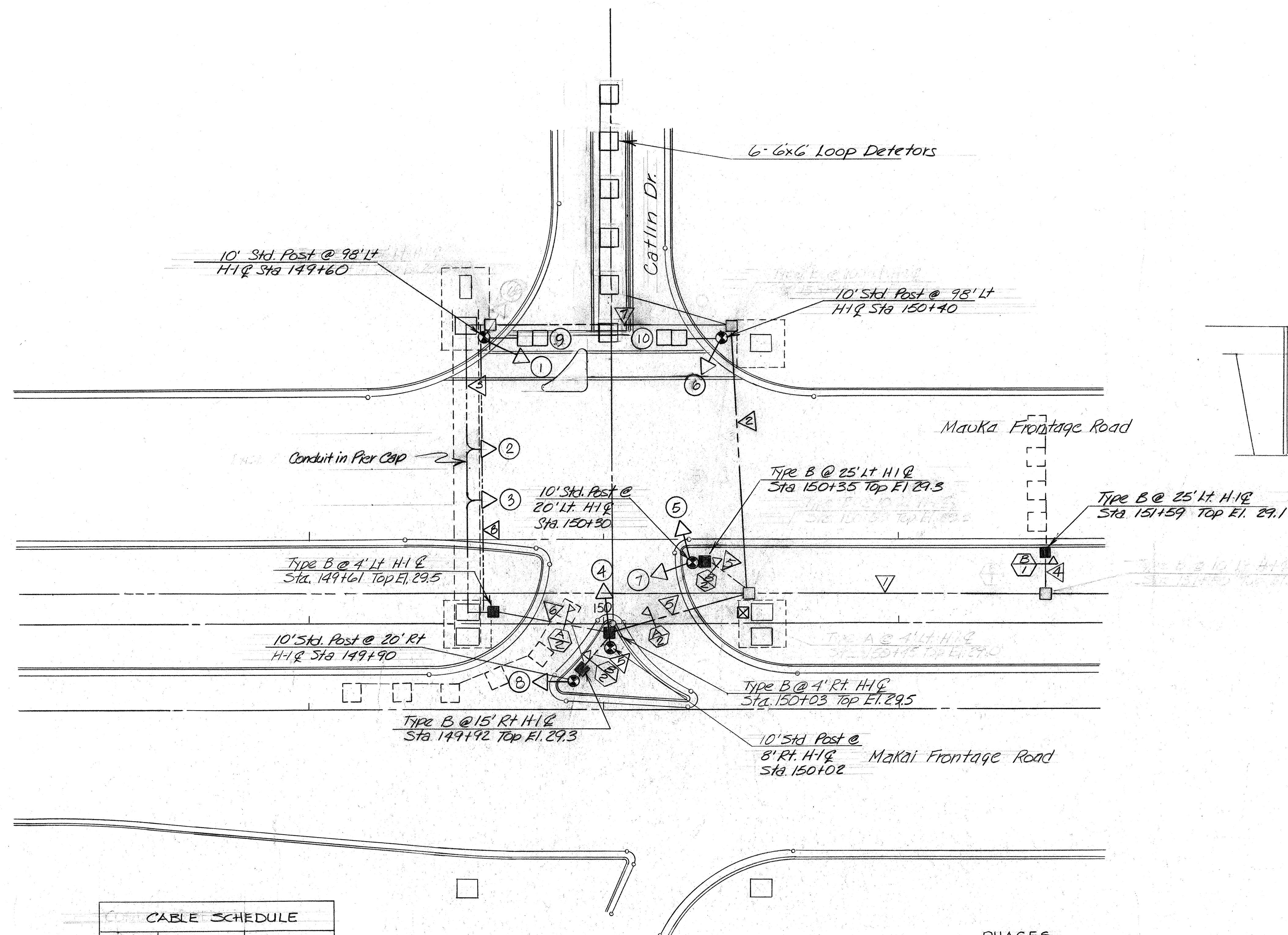
Henry M. Sumida

No.	DATE	REVISION
8-21-79		Revised General Notes No's. 2 & 3 and Legend.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNALS
FUTURE AOOLELE ST.
& H-1 STA. 138+76
AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(124)16
SCALE: 1"=20'
DATE: AUG. 9, 1977
SHEET No. 5-1 OF 4 SHEETS

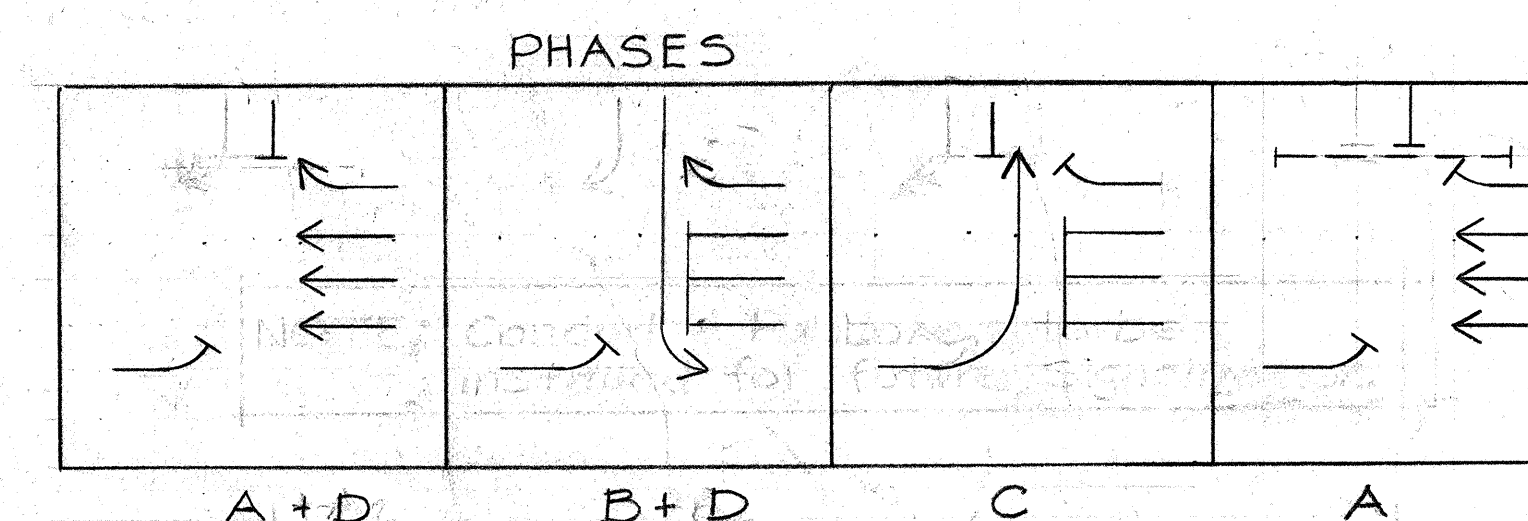
DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.	I-HI-1(124)16	1978	31	222

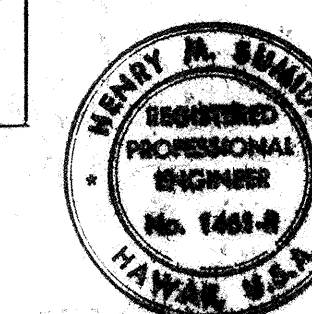


CABLE SCHEDULE		
LEGEND	CABLE	CONDUIT
1 ▷	1-2c #14	Exist.
	Service	Exist.
	Interconnect	Exist.
2 ▷	1-19c #14	Exist
	2-2c #14	Exist
3 ▷	1-19 #14	Exist.
4 ▷	1-2c #14	2"
5 ▷	1-19c #14	2"
	1-2c #14	2"
6 ▷	1-19c #14	2"
7 ▷	1-19c #14	Exist.
	1-2c #14	Exist.
8 ▷	2-4c #14	2"

SIGNAL	PHASES			
	A	B	C	D
2,3	↑	R	R	R
4,5	R	←	R	R
6,7,8	R	R	←	R
9,10	W/FDW	DW	DW	DW
1	R	R	R	→



1	5-19-81	Revised phasing. Added conduit on face of pier cap.
NO.	DATE	REVISION



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Larry H. Samsel

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

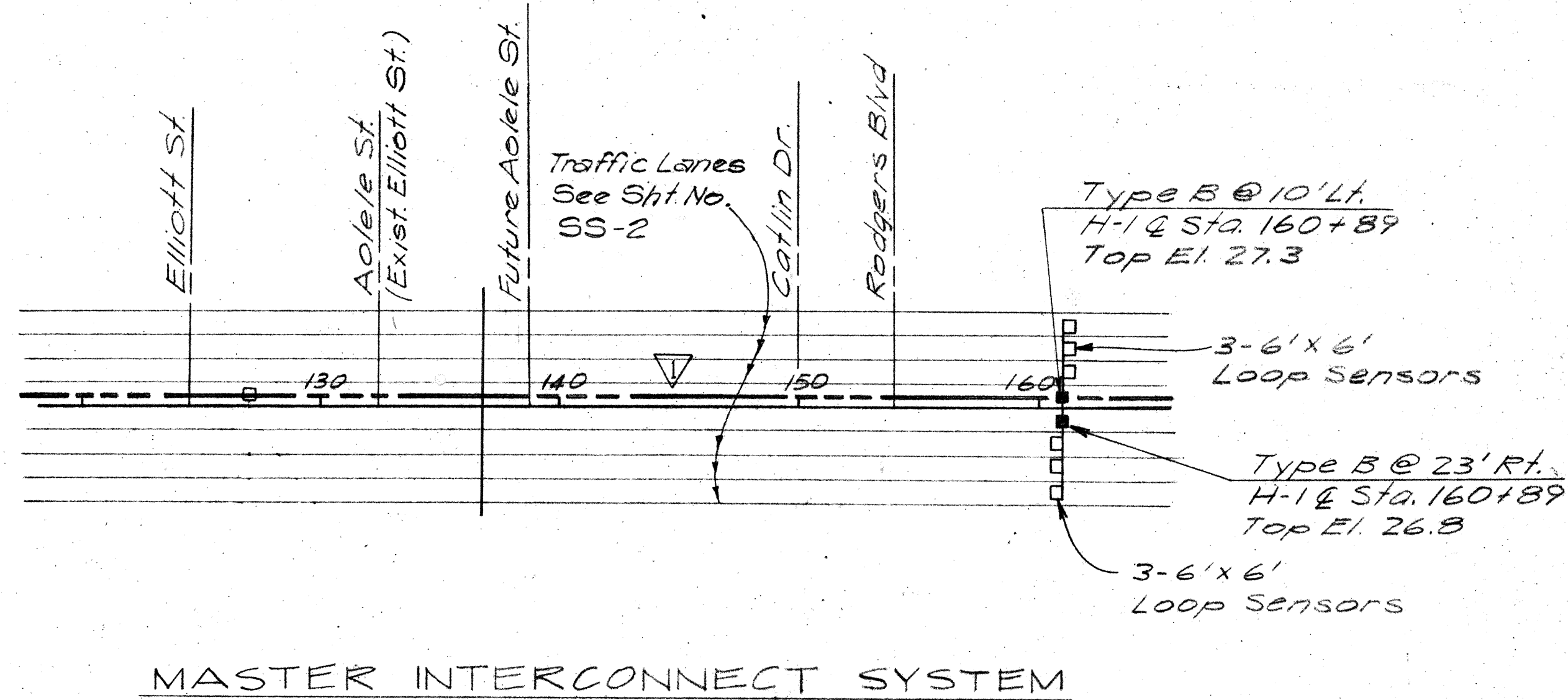
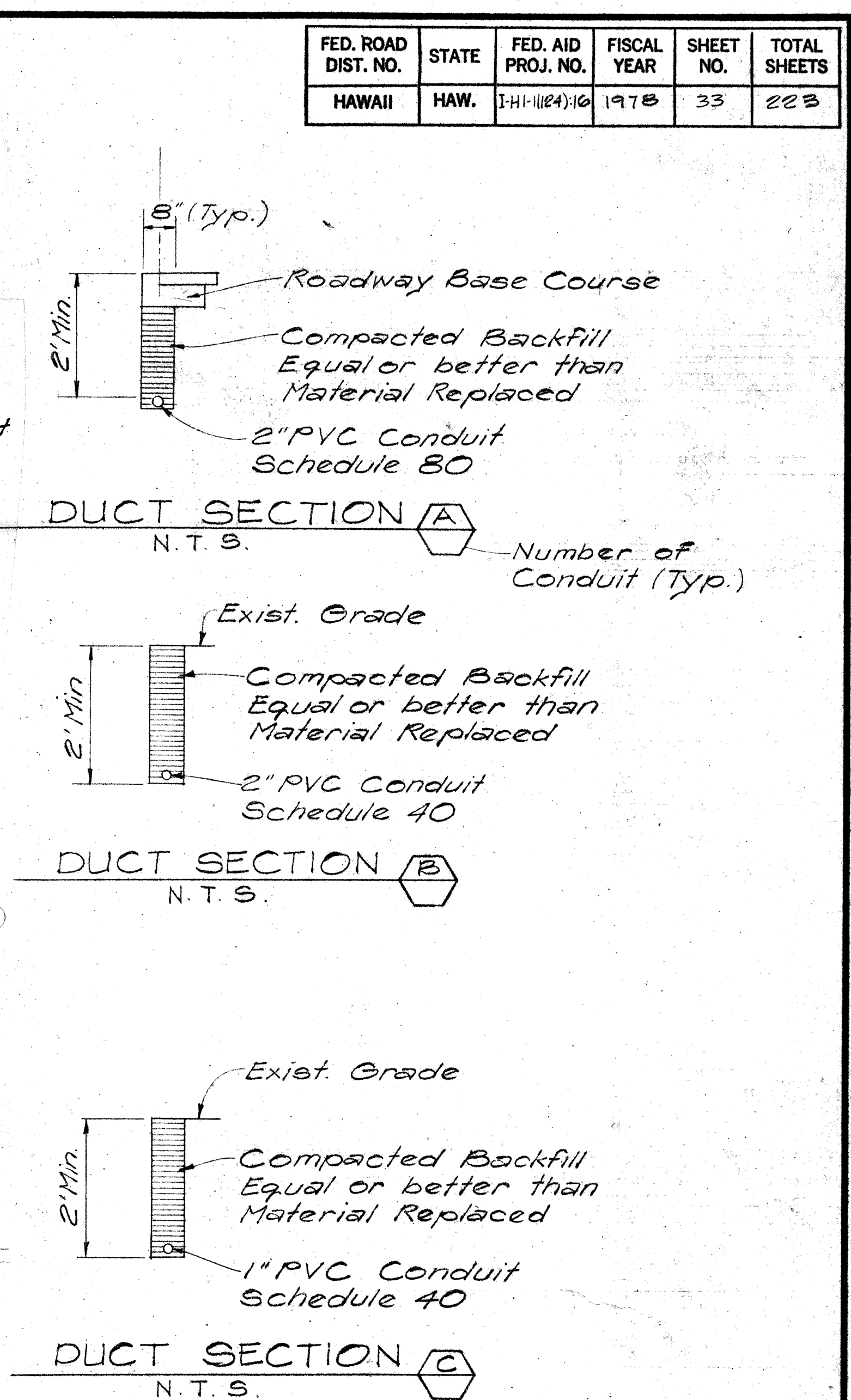
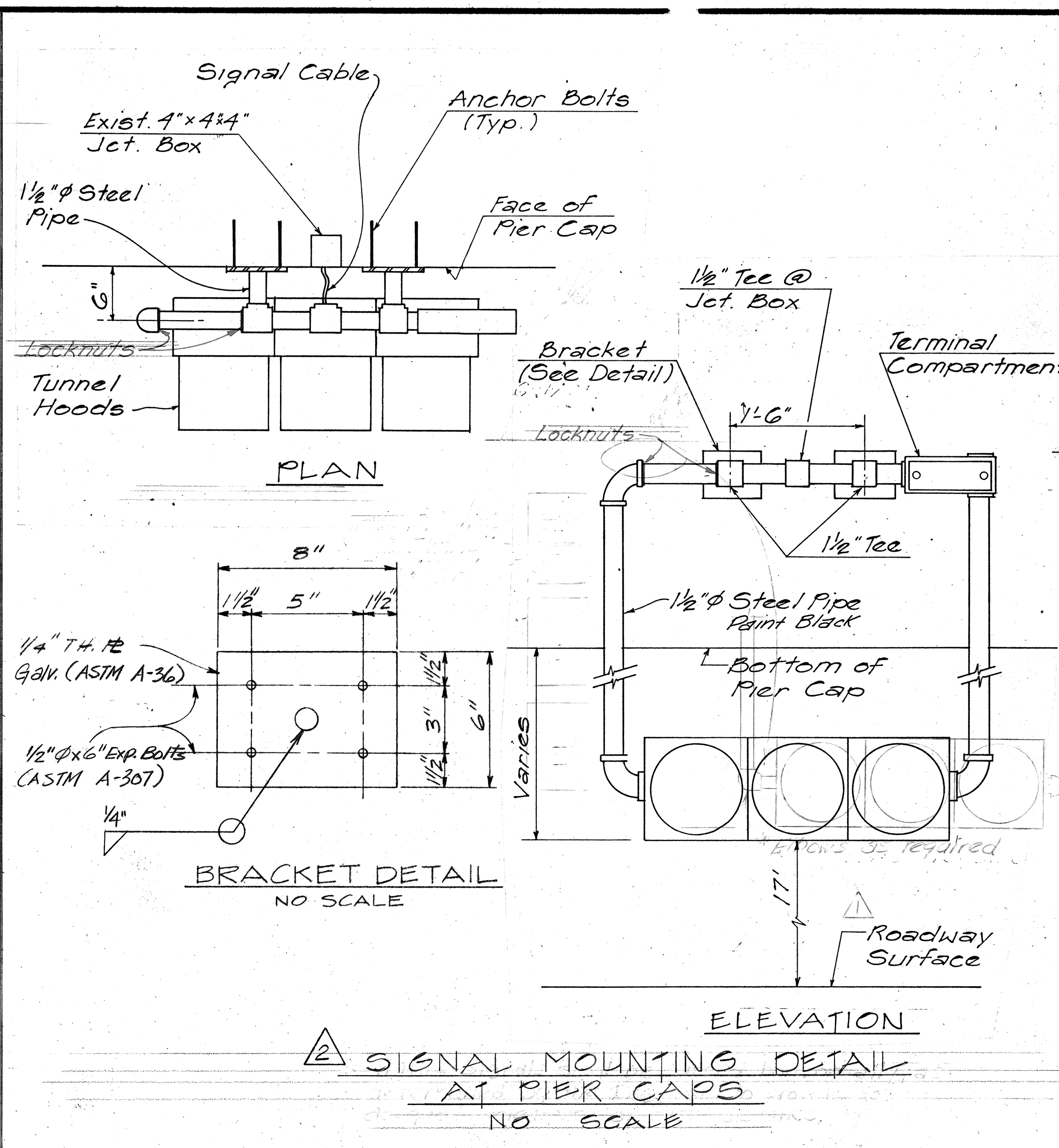
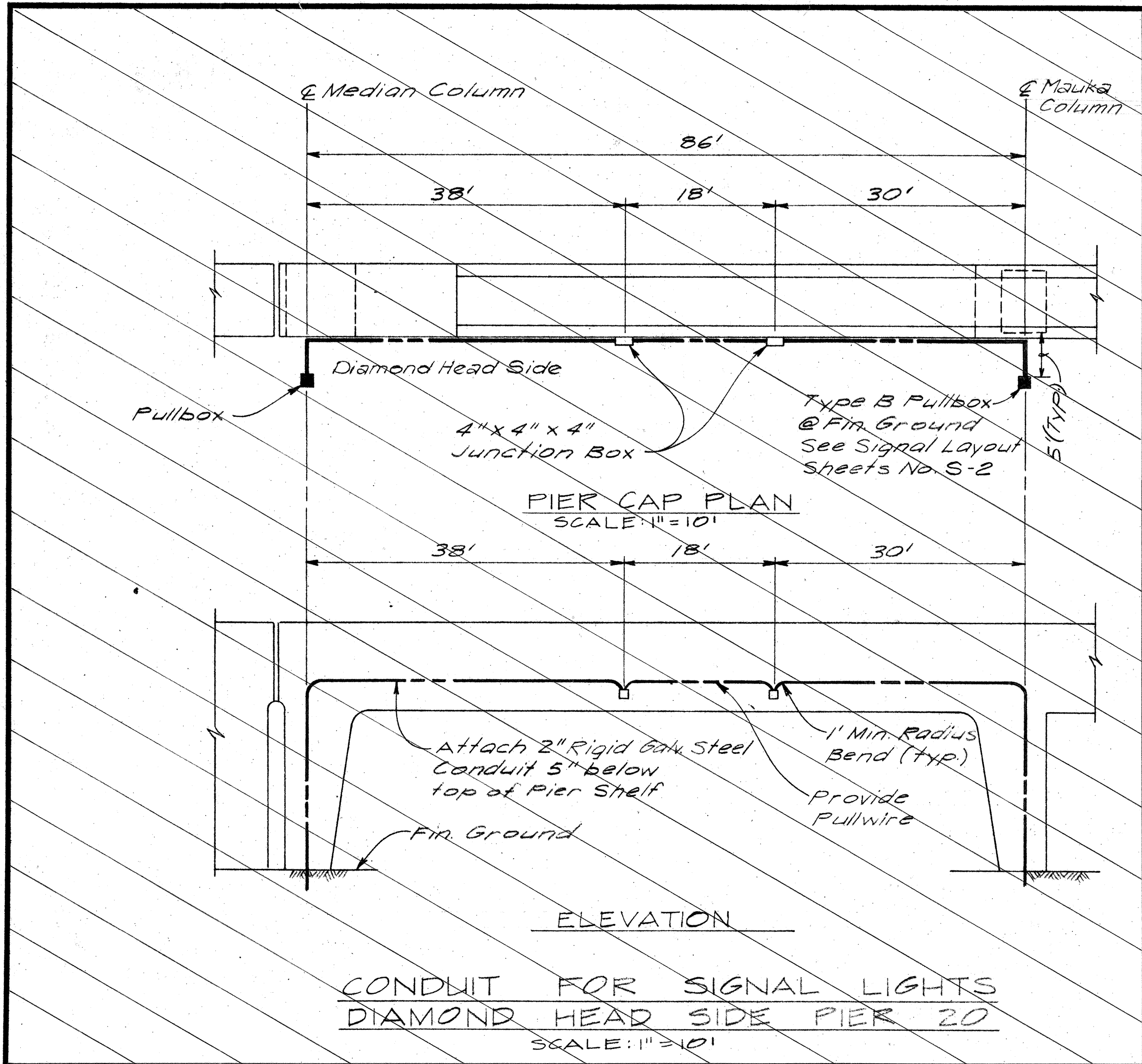
TRAFFIC SIGNALS
CATLIN DRIVE

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1 (129):16

SCALE: 1" = 20' DATE: AUG. 9, 1977

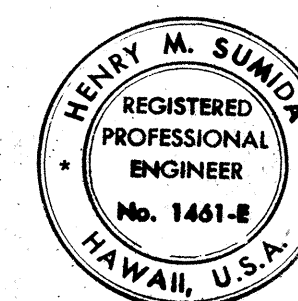
SHEET No. 5-2 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(124):16	1978	33	223



CABLE SCHEDULE		
Legend	Conduit	Cable
▽	Exist 2"	Exist. Command Cable and Sensor Cables
	Exist 2"	Future Use

NO.	DATE	REVISION
1	8-7-79	Changed Signal Mounting Detail
2	2-15-79	Added Detail for Horizontal signal Head.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL DETAILS

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(124):16
SCALE AS SHOWN DATE AUG 9, 1977

SHEET NO. 5-4 OF 4 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Henry M. Sumida