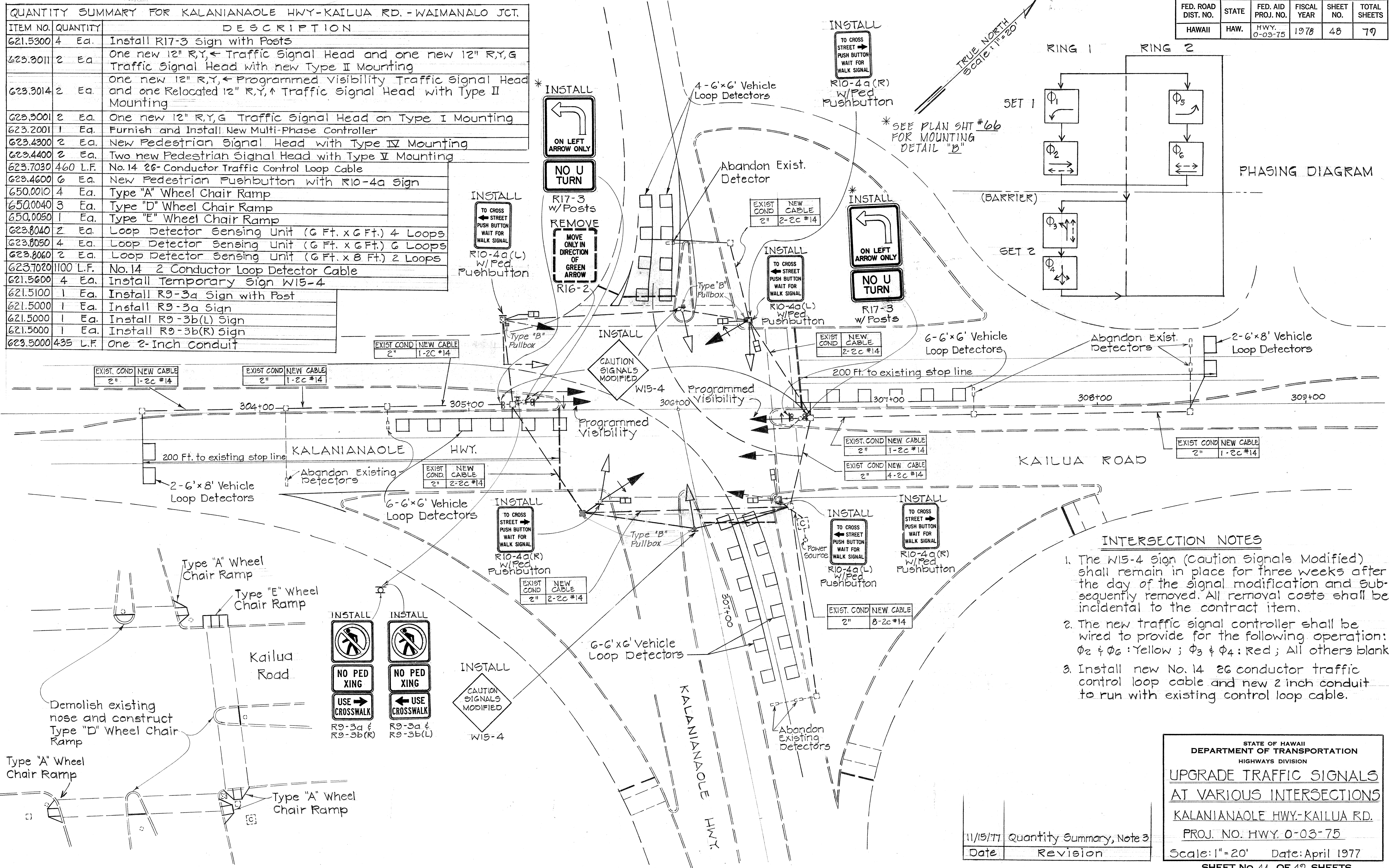


QUANTITY SUMMARY FOR KALANIANA'OLE HWY-KAILUA RD. - WAIMANALO JCT.		
ITEM NO.	QUANTITY	DESCRIPTION
621.5300	4 Ea.	Install R17-3 Sign with Posts
623.3011	2 Ea.	One new 12" R,Y,← Traffic Signal Head and one new 12" R,Y,G Traffic Signal Head with new Type II Mounting
623.3014	2 Ea.	One new 12" R,Y,← Programmed Visibility Traffic Signal Head and one Relocated 12" R,Y,↑ Traffic Signal Head with Type II Mounting
623.3001	2 Ea.	One new 12" R,Y,G Traffic Signal Head on Type I Mounting
623.2001	1 Ea.	Furnish and Install New Multi-Phase Controller
623.4300	2 Ea.	New Pedestrian Signal Head with Type IV Mounting
623.4400	2 Ea.	Two new Pedestrian Signal Head with Type V Mounting
623.7030	460 L.F.	No.14 26-Conductor Traffic Control Loop Cable
623.4600	6 Ea.	New Pedestrian Pushbutton with R10-4a Sign
650.0010	4 Ea.	Type "A" Wheel Chair Ramp
650.0040	3 Ea.	Type "D" Wheel Chair Ramp
650.0050	1 Ea.	Type "E" Wheel Chair Ramp
623.8040	2 Ea.	Loop Detector Sensing Unit (6 Ft. x 6 Ft.) 4 Loops
623.8050	4 Ea.	Loop Detector Sensing Unit (6 Ft. x 6 Ft.) 6 Loops
623.8060	2 Ea.	Loop Detector Sensing Unit (6 Ft. x 8 Ft.) 2 Loops
623.7020	1100 L.F.	No.14 2 Conductor Loop Detector Cable
621.5600	4 Ea.	Install Temporary Sign W15-4
621.5100	1 Ea.	Install R9-3a Sign with Post
621.5000	1 Ea.	Install R9-3a Sign
621.5000	1 Ea.	Install R9-3b(L) Sign
621.5000	1 Ea.	Install R9-3b(R) Sign
623.5000	435 L.F.	One 2-Inch Conduit

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY. 0-03-75	1978	48	79



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**UPGRADE TRAFFIC SIGNALS
AT VARIOUS INTERSECTIONS**

KALANIANA'OLE HWY-KAILUA RD.

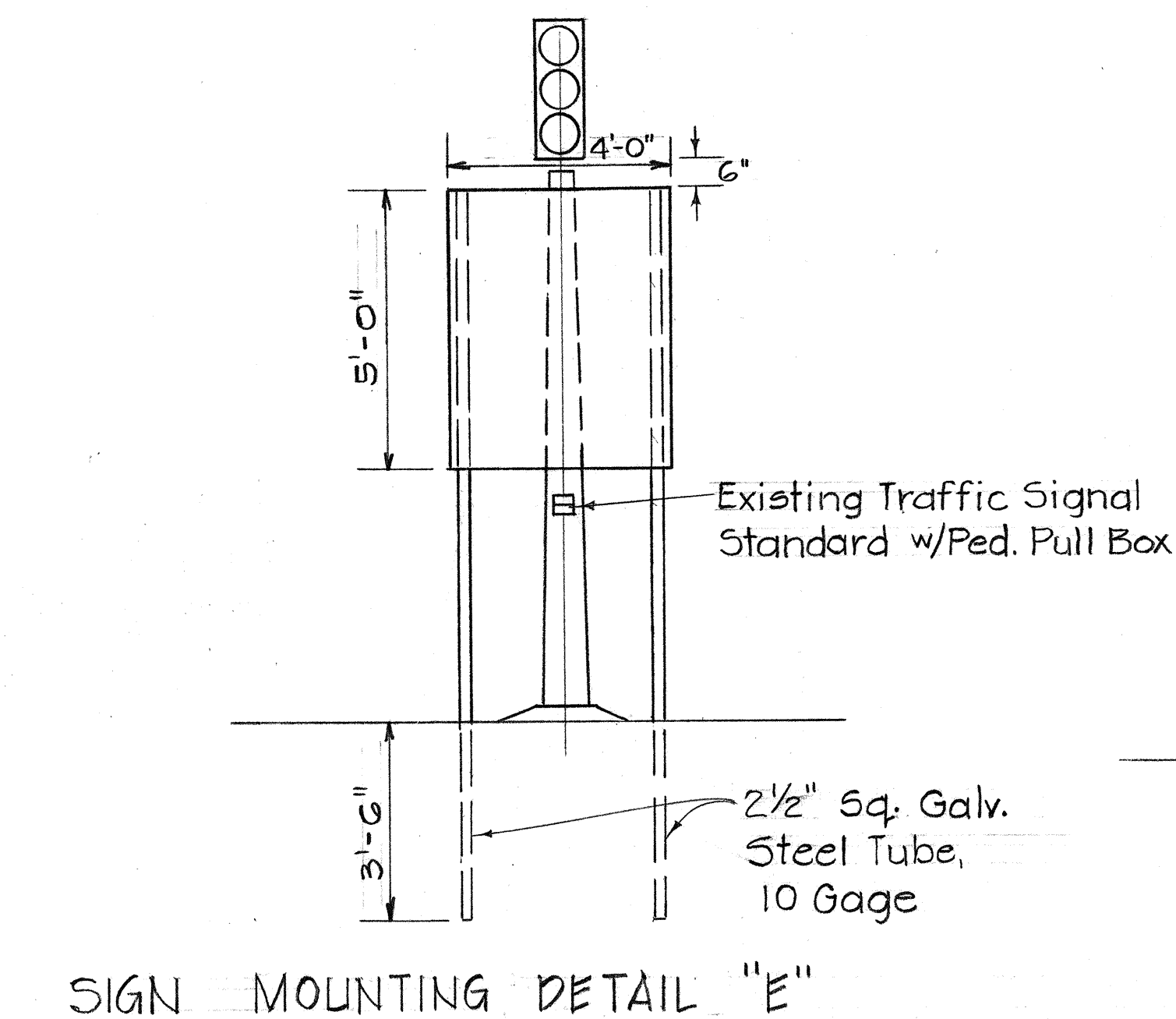
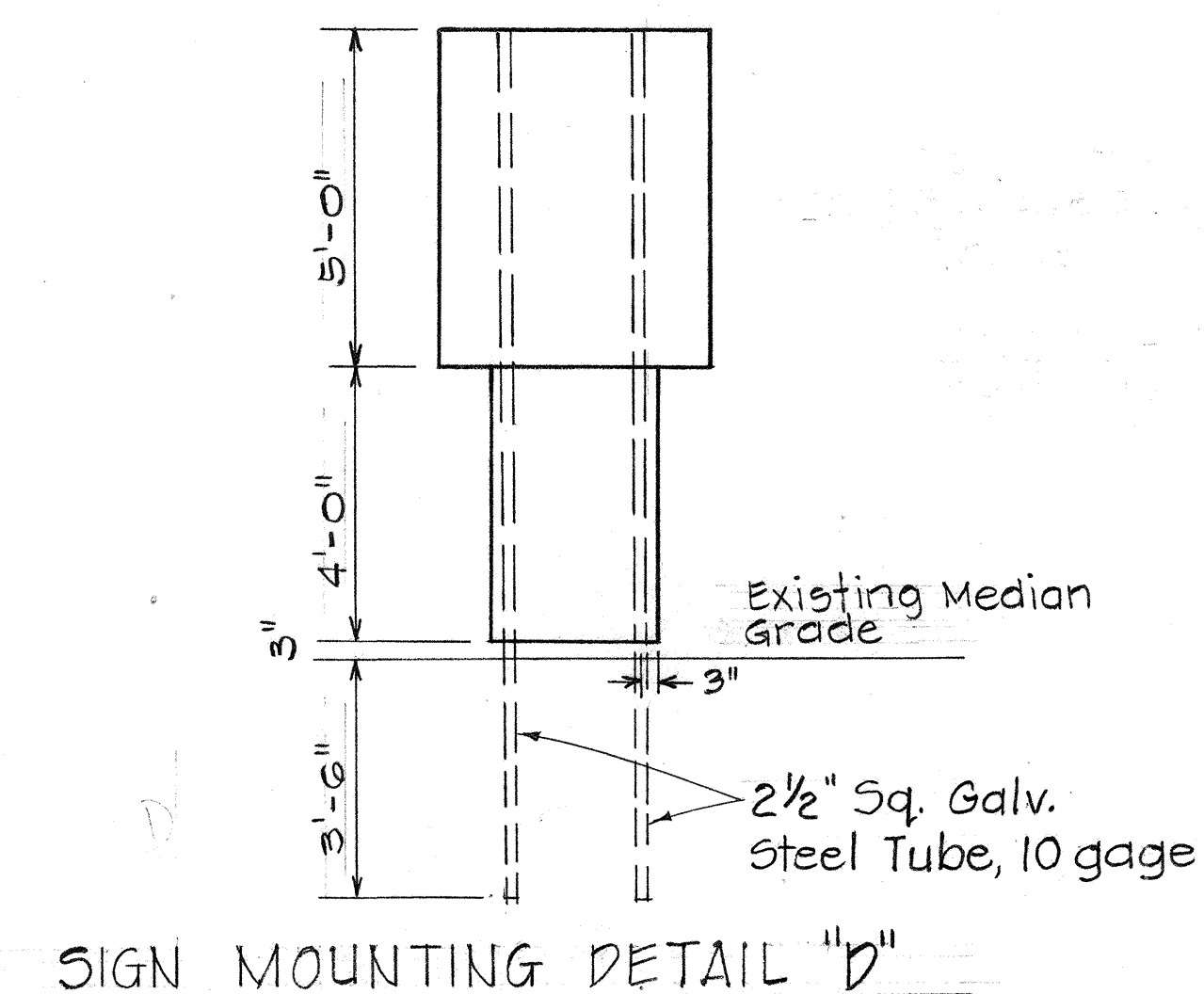
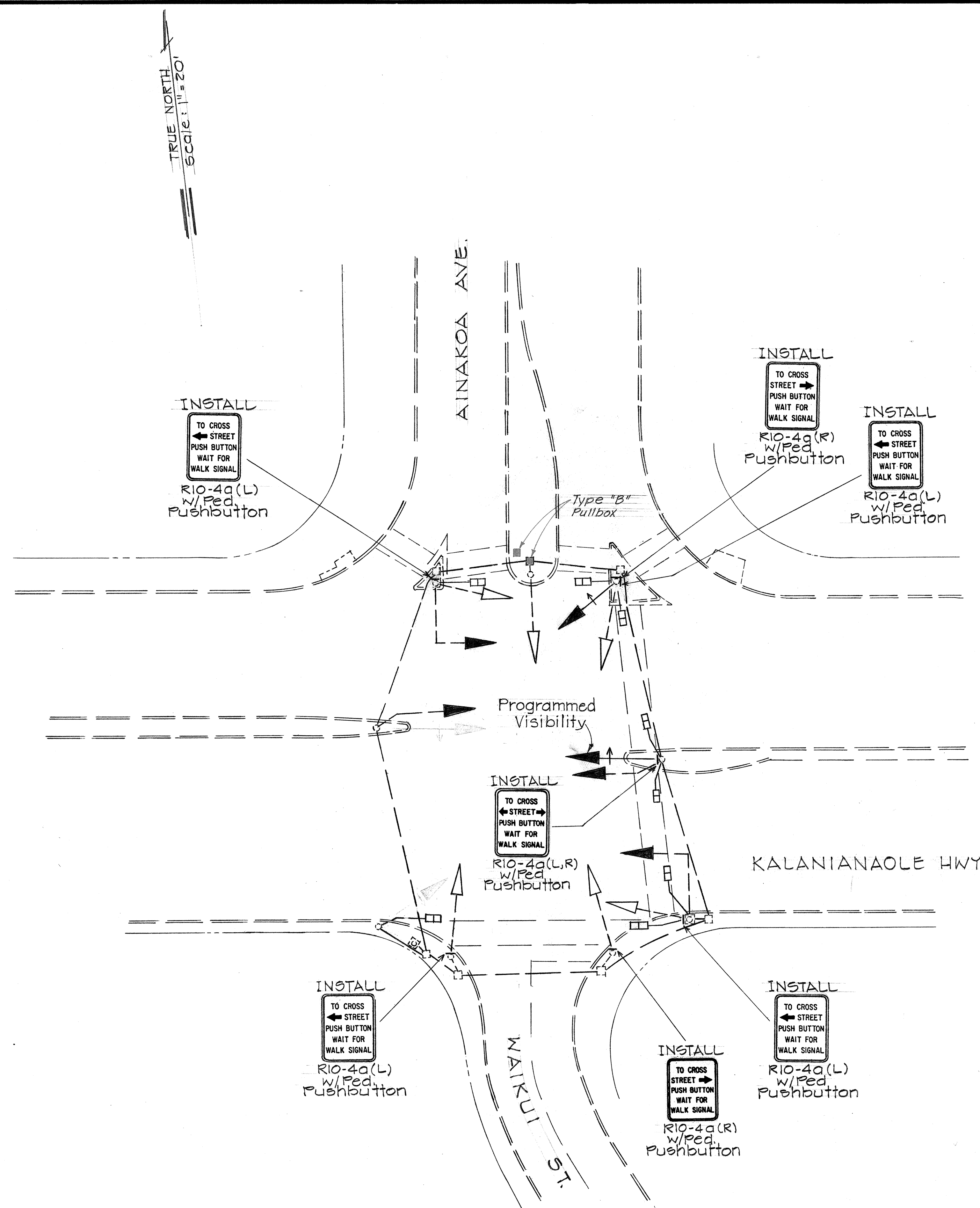
PROJ. NO: HWY. 0-03-75

Scale: 1"=20' Date: April 1977

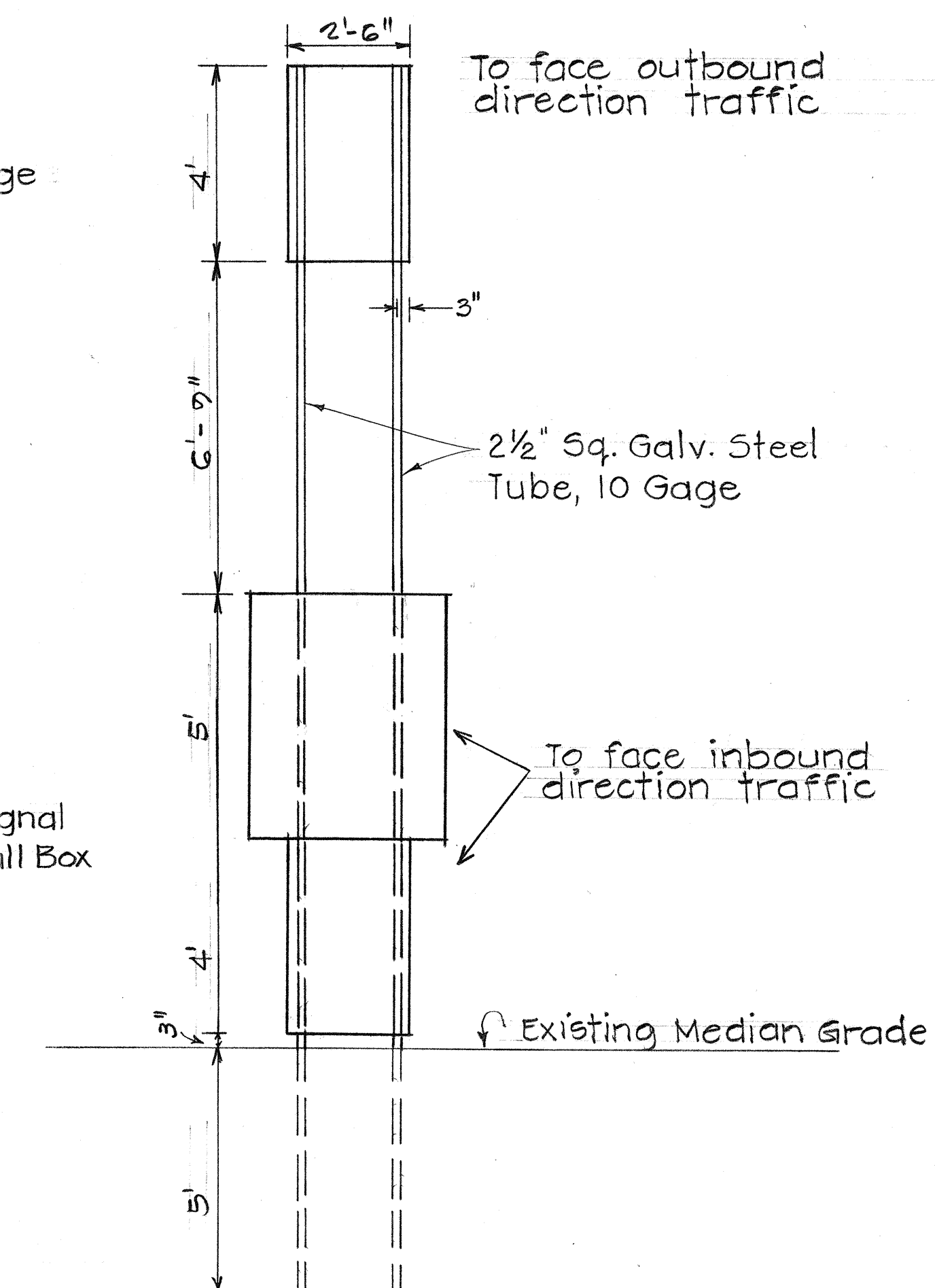
SHEET No. 44 OF 49 SHEETS

ADD. 48

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-75	1978	50	79



NOTE: Sign shall be mounted on existing median. Minimum 12" clearance from sign to the traffic signal standard.



Facing Direction of Traffic

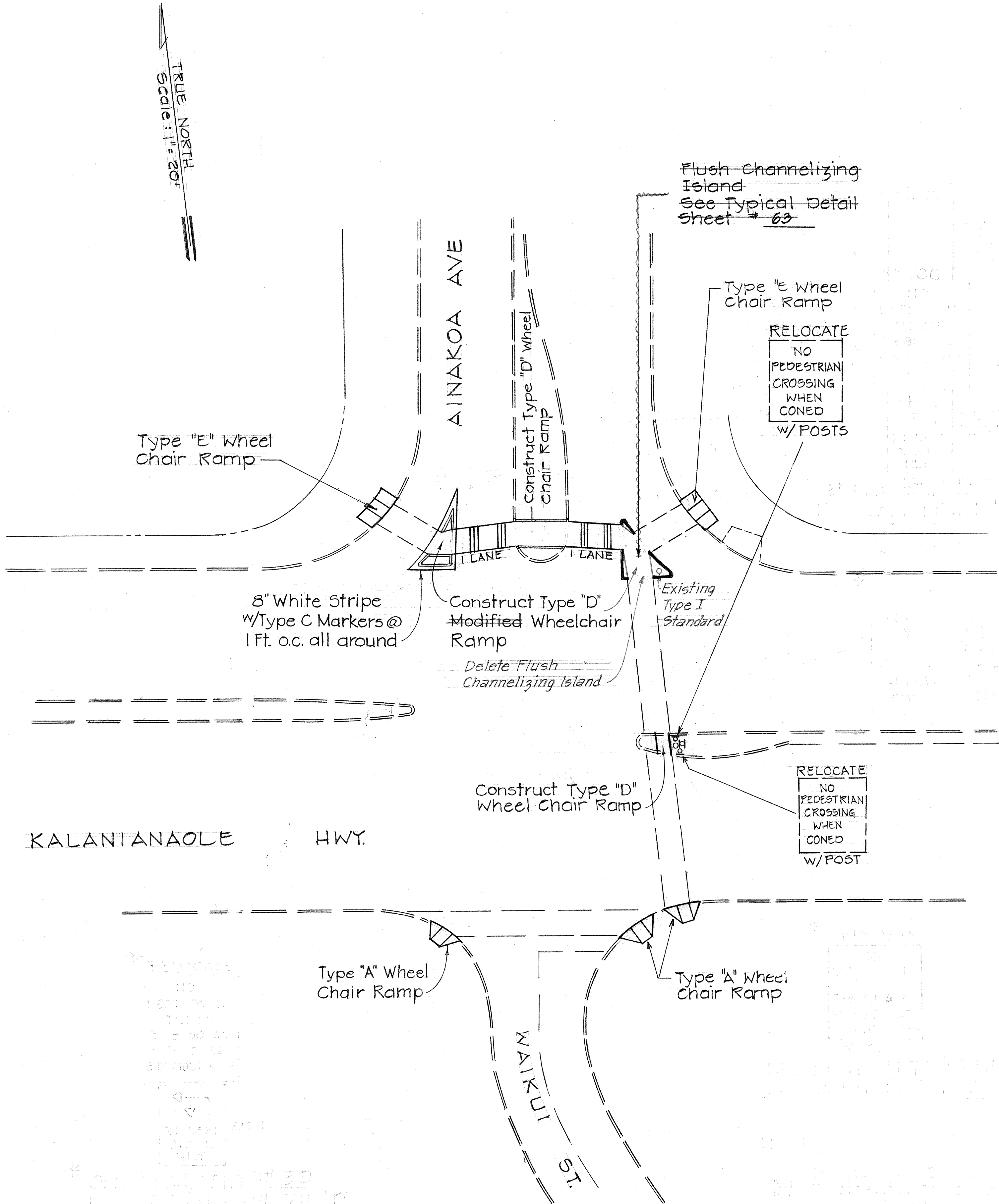
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

12/15/77	Revise Traffic Signal Plan
Date	Revision

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
UPGRADE TRAFFIC SIGNALS AT VARIOUS INTERSECTIONS
KALANIANA'OLE HWY - AINAKOA AVE
Proj. No. HWY-0-03-75
Scale: As Shown Date: April 1977
SHEET No. 46 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-75	1978	51	79

QUANTITY SUMMARY FOR KALANIANA'OLE HIGHWAY - AINAKOA AVENUE					
ITEM NO	QUANTITY	DESCRIPTION			
609.2020	6 L.F.	Curb, Type 2D			
621.5700	2 Ea.	Install relocated sign (No Pedestrian Crossing When Coned) with Post			
623.3015	1 Ea.	One new 12" RY← Traffic Signal Head and one relocated 12" RYG Traffic Signal Head with Type II Mounting			
623.3001	1 Ea.	One new 12" RY← Traffic Signal Head with Type I Mounting			
623.3014	1 Ea.	One new 12" RY← Programmed Visibility Traffic Signal Head and one relocated 12" RY↑ Traffic Signal Head with Type I Mounting			
623.4300	1 Ea.	One new Pedestrian Signal Head with Type IV Mounting			
623.4400	3 Ea.	Two new Pedestrian Signal Head with Type V Mounting			
623.4600	7 Ea.	Pedestrian Pushbutton with R10-4a Sign			
629.2030	160 Ea.	Type C Pavement Markers			
629.1020	2 Lane	Crosswalk Marking			
629.1010	220 L.F.	Pavement Striping			
650.0010	3 Ea.	Type "A" Wheel Chair Ramp			
650.0041	1 Ea.	Modified Type "D" Wheel Chair Ramp			
650.0040	2 Ea.	Type "D" Wheel Chair Ramp			
650.0050	2 Ea.	Type "E" Wheel Chair Ramp			
655.0010	1 Ea.	Flush Channelizing Island			
	500 L.F.	Pedestrian Pushbutton Control Cable (1-2c #14)			



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

12/15/77	Revise Signing Plan & Quantity Summary
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UPGRADE TRAFFIC SIGNALS
AT VARIOUS INTERSECTIONS
KALANIANA'OLE HWY - AINAKOA AVE.
Proj. No. HWY-0-03-75
Scale: As Shown Date: April, 1977
SHEET NO. 47 OF 49 SHEETS