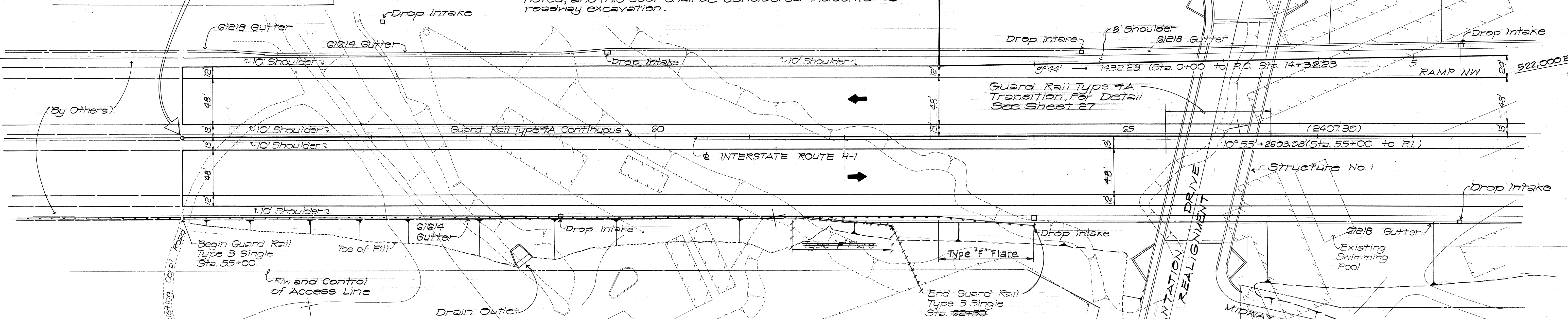


BEGIN PROJECT
RAIL PROJECT NO. I-H-1(III)4
H-1 & STA. 55+00
63,528.64 N 522,200.40 E

GENERAL NOTES

1. Azimuths and coordinates are based on Plane Coordinates. Coordinates referenced to "Salt Lake" 72,582.62 N 530,326.82 E (1962).
2. Bench Marks are referred to Mean Sea Level Datum.
3. Inbound Profile Grade and Outbound Profile Grade as shown on the Profile are based on H-1 centerline stationing radial offsets.
4. Unless otherwise noted, existing structures shown are to be removed within R/W (See Special Provisions).
5. Existing A.C. pavement not incorporated in the final plans shall be scarified and removed unless otherwise noted, and this cost shall be considered incidental to roadway excavation.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(III)4	1974	8	234

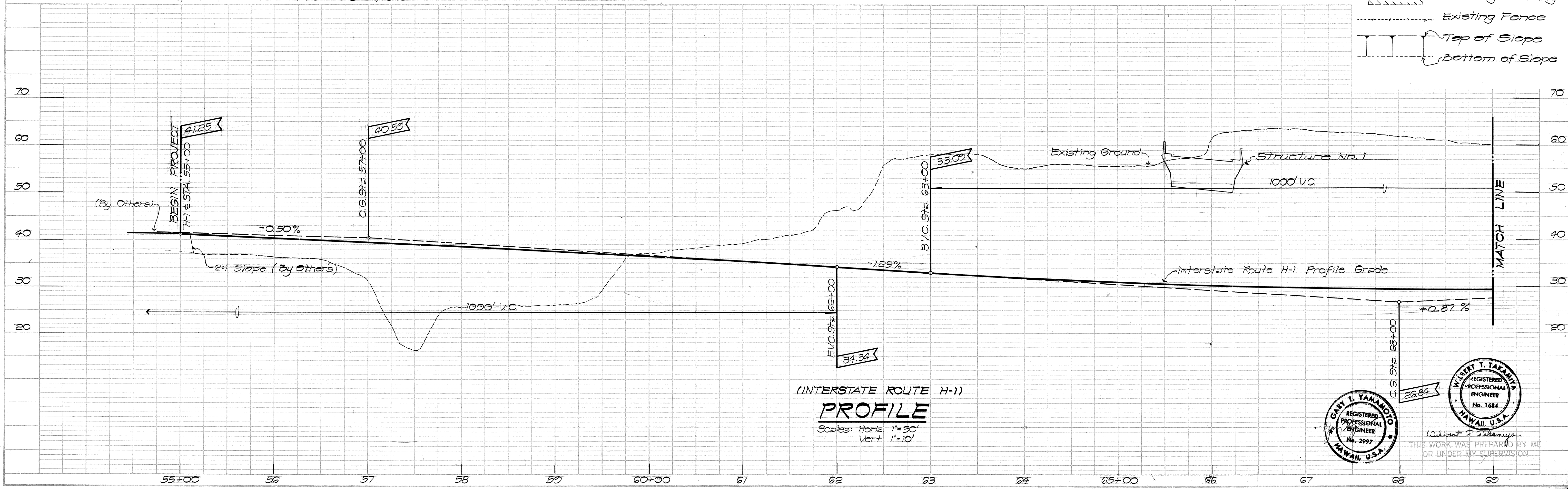


PLAN

INTERSTATE ROUTE H-1, RAMP NW & WN
Scale: 1"=50'

C.C.O. #43
9-2-16

6. See sheets 68 to 70 for Existing Conditions Plan.
7. The contractor shall verify locations of all underground utilities before installing guard rail. Any damage to the existing and/or newly installed utilities shall be repaired at the contractor's expense.



PROFILE

Scales: Horiz. 1"=50'
Vert. 1"=10'

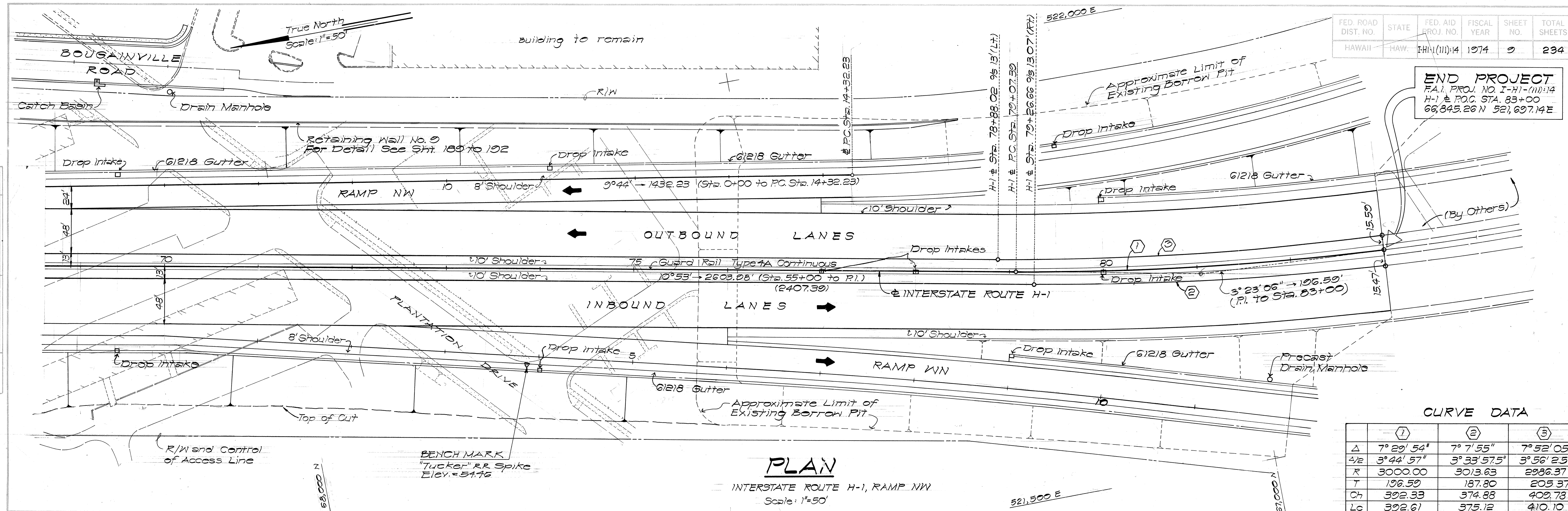
GARY T. YAMAMOTO
REGISTERED PROFESSIONAL ENGINEER
No. 2997
HAWAII, U.S.A.

WILBERT T. TAKAHARA
REGISTERED PROFESSIONAL ENGINEER
No. 1684
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

PLAN	SURVEYED	DATE
	BY	
NOTE BOOK	PLOTTED	
	NO.	
NO.	ALIGNMENT CHECKED	
	BY	
NO.	STRUCTURE NOTATION CHECKED	
	BY	

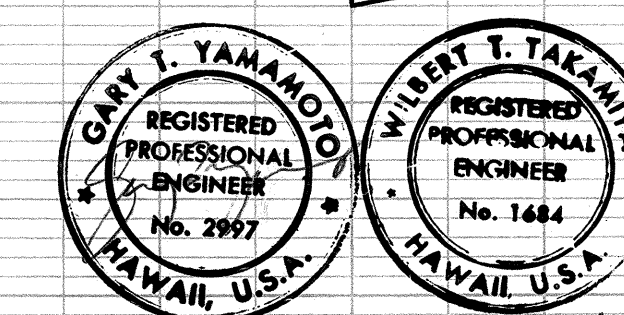
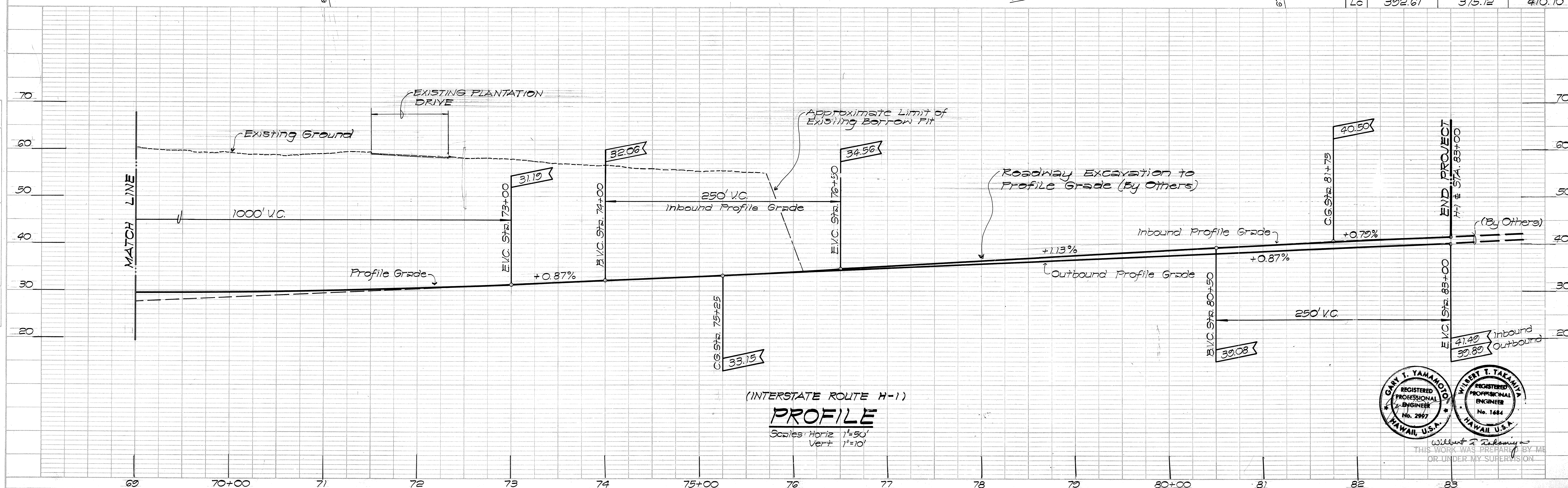
PROFILE	SURVEYED	DATE
	BY	
NOTE BOOK	PLOTTED	
	NO.	
NO.	ALIGNMENT CHECKED	
	BY	
NO.	STRUCTURE NOTATION CHECKED	
	BY	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H1-111-14	1974	9	234

END PROJECT
F.A.I. PROJ. NO. 1-H1-111-14
H-1 & P.O.C. STA. 83+00
66,845.26 N 521,697.14 E

	①	②	③
Δ	7° 29' 54"	7° 7' 55"	7° 52' 05"
4/2	3° 44' 57"	3° 33' 57.5"	3° 56' 2.5"
R	3000.00	3013.63	2986.37
T	196.59	187.80	205.37
Ch	392.33	374.88	409.78
Lo	392.61	375.12	410.10



Willmet T. Takamiya
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OR UNDER MY SUPERVISION

NOTES:

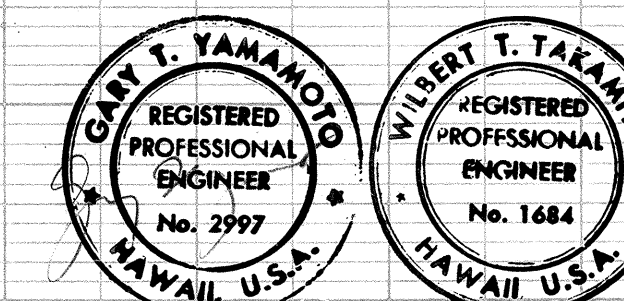
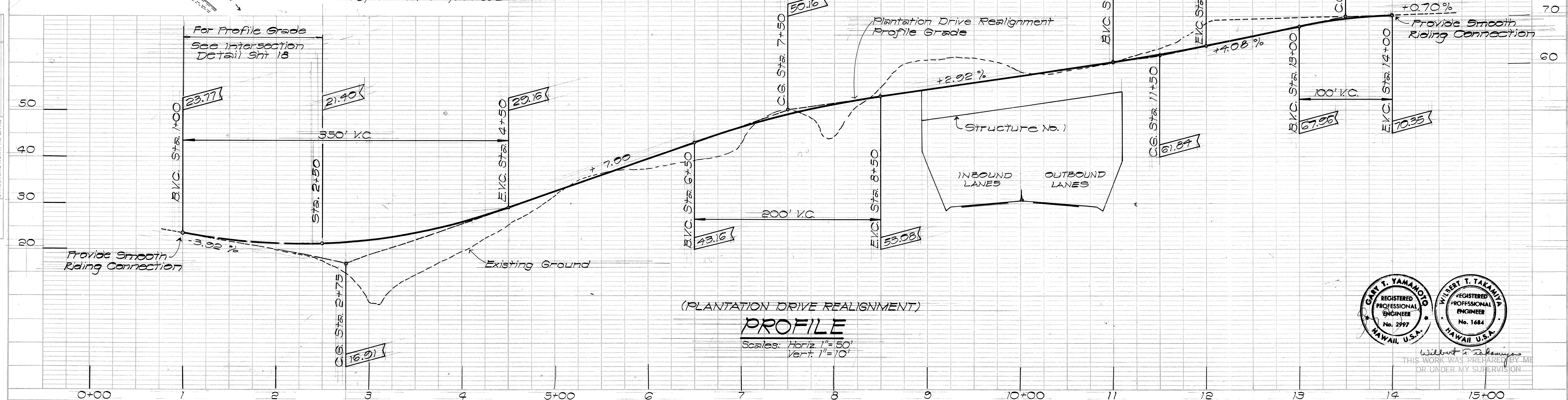
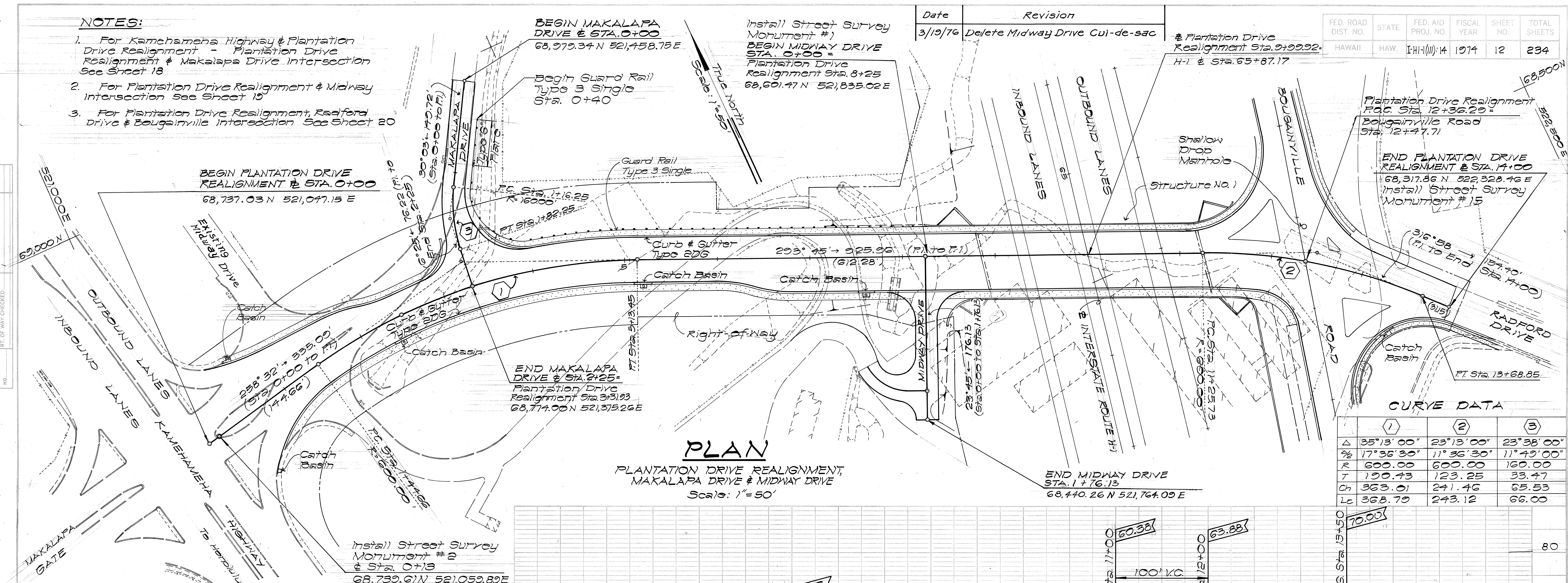
1. For Kamehameha Highway & Plantation Drive Realignment - Plantation Drive Realignment & Makalapa Drive Intersection See Sheet 18
2. For Plantation Drive Realignment & Midway Intersection See Sheet 19
3. For Plantation Drive Realignment, Radford Drive & Bougainville Intersection See Sheet 20

Date	Revision
3/19/76	Delete Midway Drive Cul-de-sac

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1H1(III)14	1974	12	234

PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		

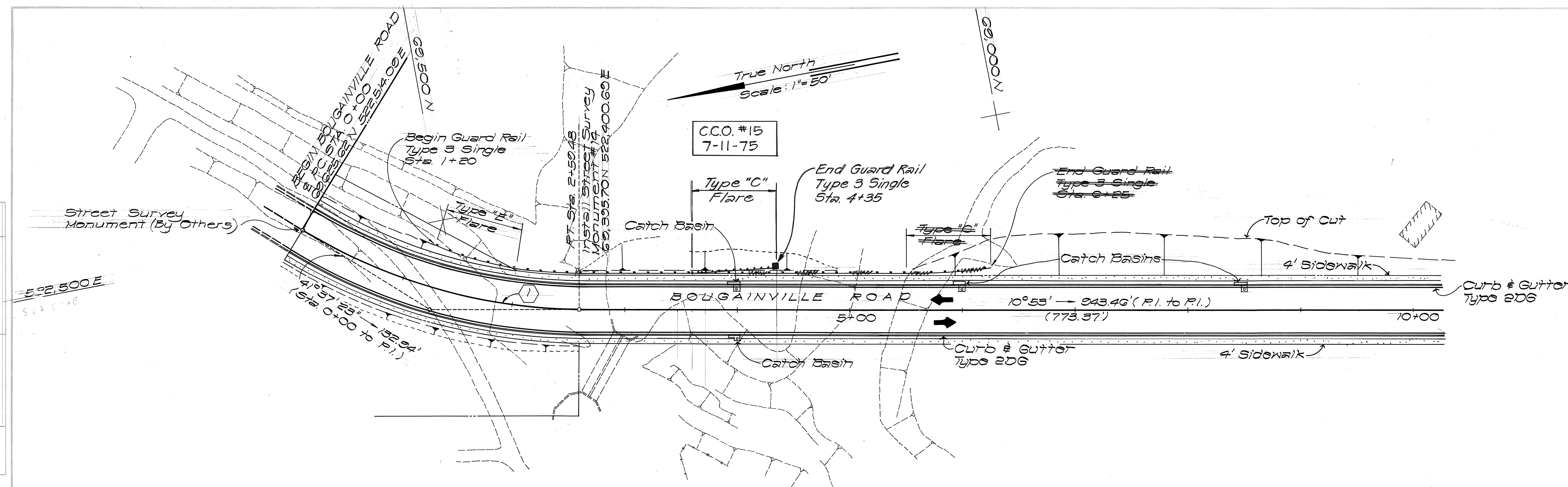


Without reference to this work was prepared by me or under my supervision

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-(111)-14	1974	13	234

PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

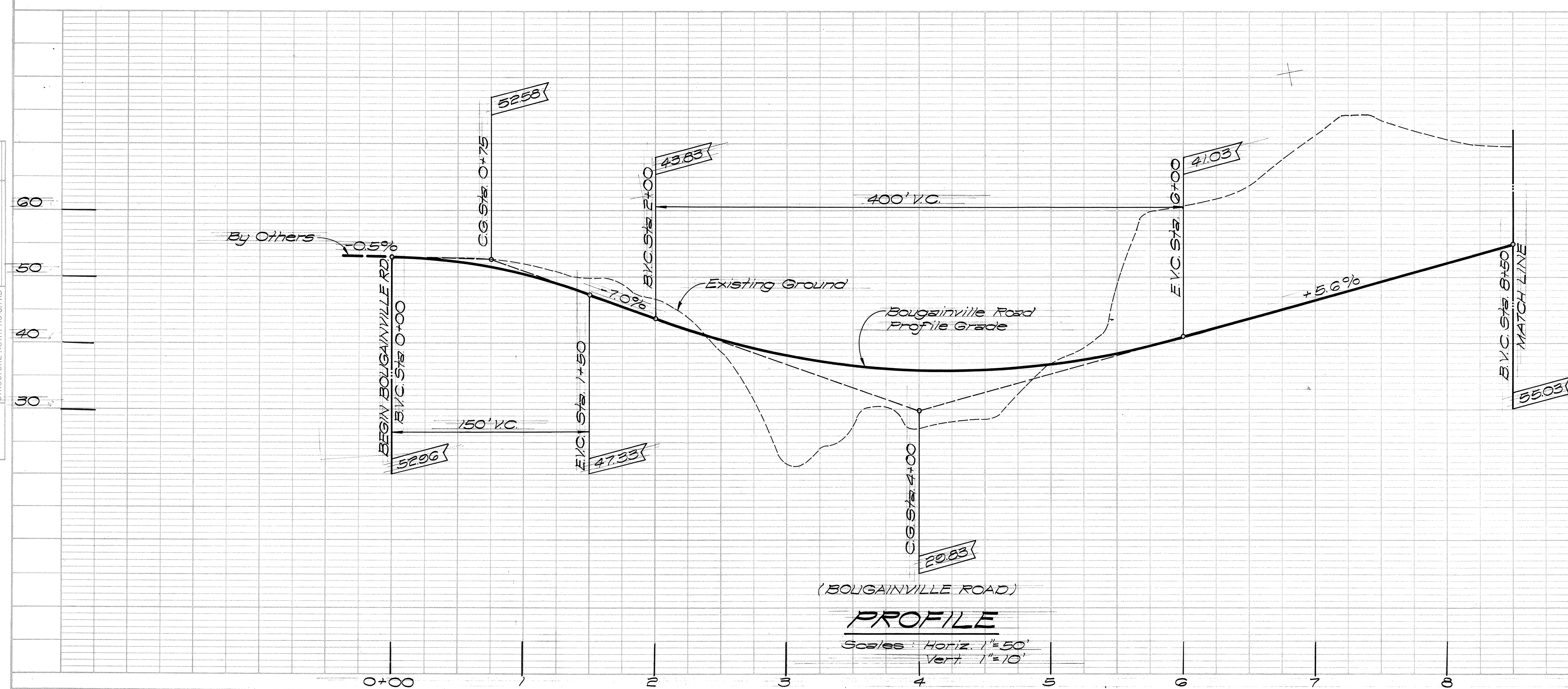
PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		



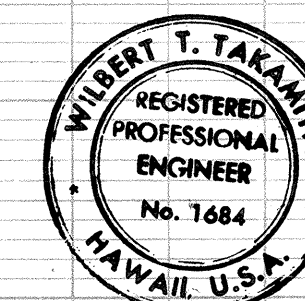
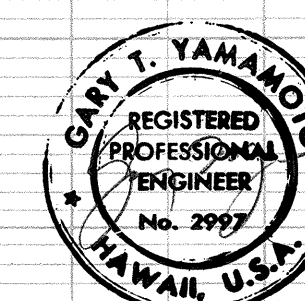
PLAN
BOUGAINVILLE ROAD
Scale: 1"=50'

CURVE DATA

Station	Value
Δ	30°44'23"
$\Delta/2$	15°22'11.5"
R	483.04
T	132.94
Ch	250.38
Lc	250.48



PROFILE
Scale: Horiz. 1"=50'
Vert. 1"=10'

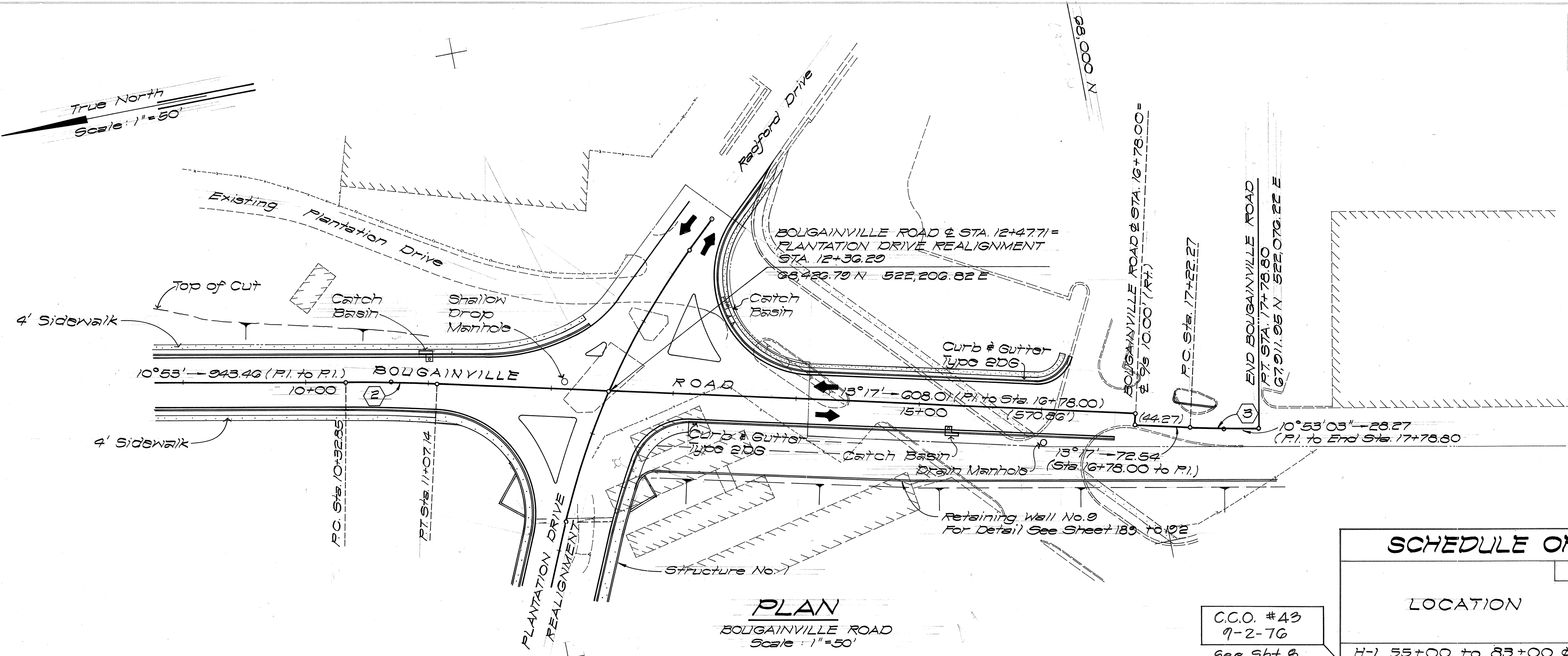


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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(III)-14	1974	14	234

CURVE DATA

	(2)	(3)
Δ	2°24'00"	2°23'57"
$\frac{1}{2}R$	1°12'00"	1°11'58.5"
R	1773.52	1350.00
T	37.15	28.27
Ch	74.28	56.52
Lc	74.29	56.53



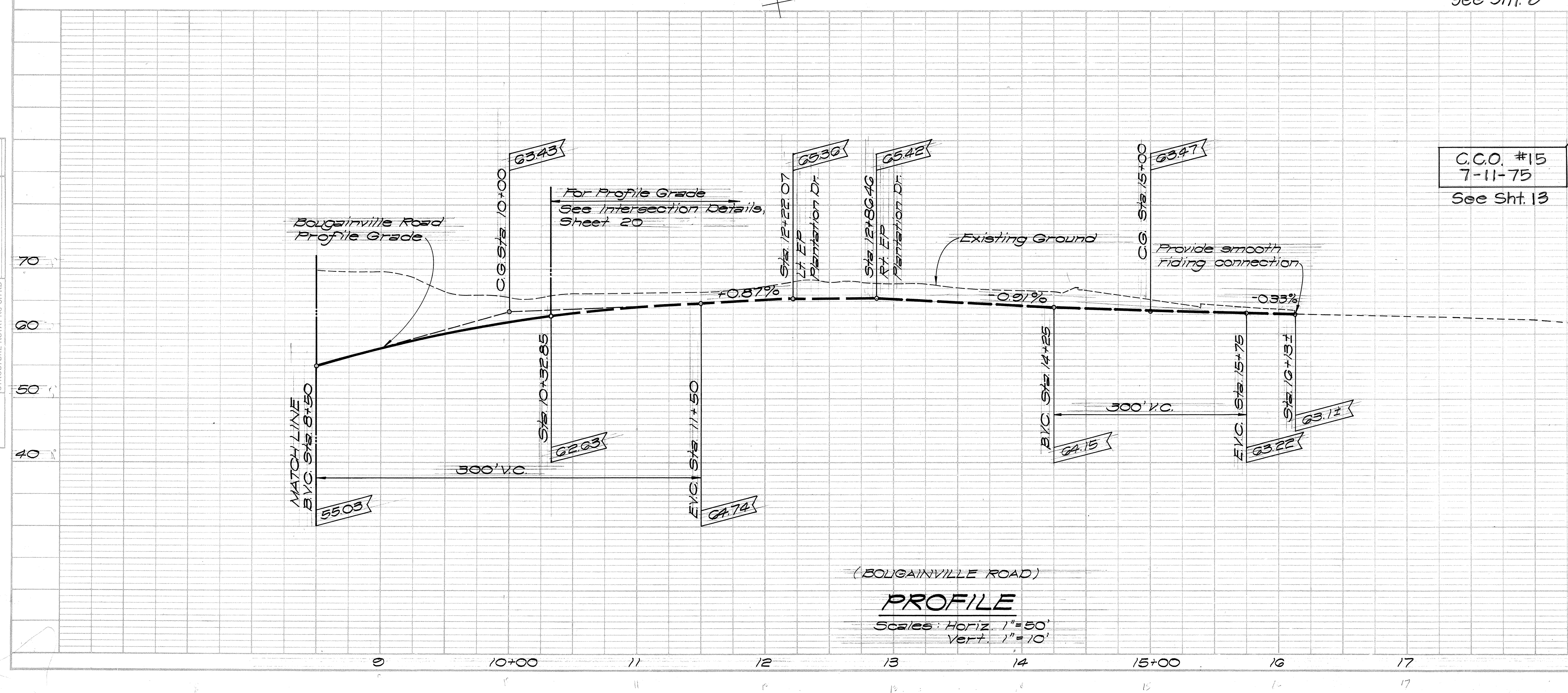
PLAN
BOUGAINVILLE ROAD
Scale: 1"=50'

SCHEDULE OF GUARD RAILS

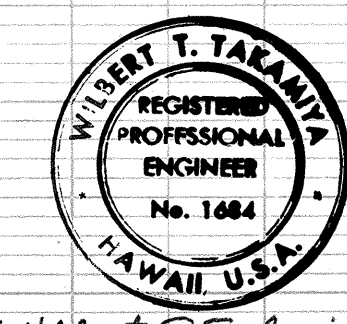
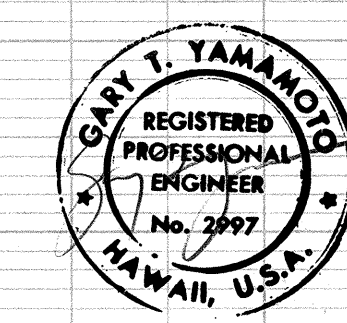
ITEM NO.	606.310	606.410
LOCATION	TYPE 3 (SINGLE)	TYPE 4A
H-1 55+00 to 83+00 E	LF	LF
H-1 Inbound 55+00 to 62+50 R; 64+00 R	900	2800
Ramp WN 1+60 to 3+05 R	145	
Ramp WN 10+12 to 11+52 R	140	
Ramp WN 10+12 to 11+52 L	140	
Bougainville Rd. 1+20 to 8+25 L	505	
Makalapua Dr. 0+40 L to Plantation Dr. 8+10 L	595	
Tarawa Dr. 0+75 to 1+70 R	95	
Kam Widening 8+00 to 8+80	80	
Totals	2450	2800

C.C.O. #43
9-2-76
See Sht. 8

C.C.O. #15
7-11-75
See Sht. 13

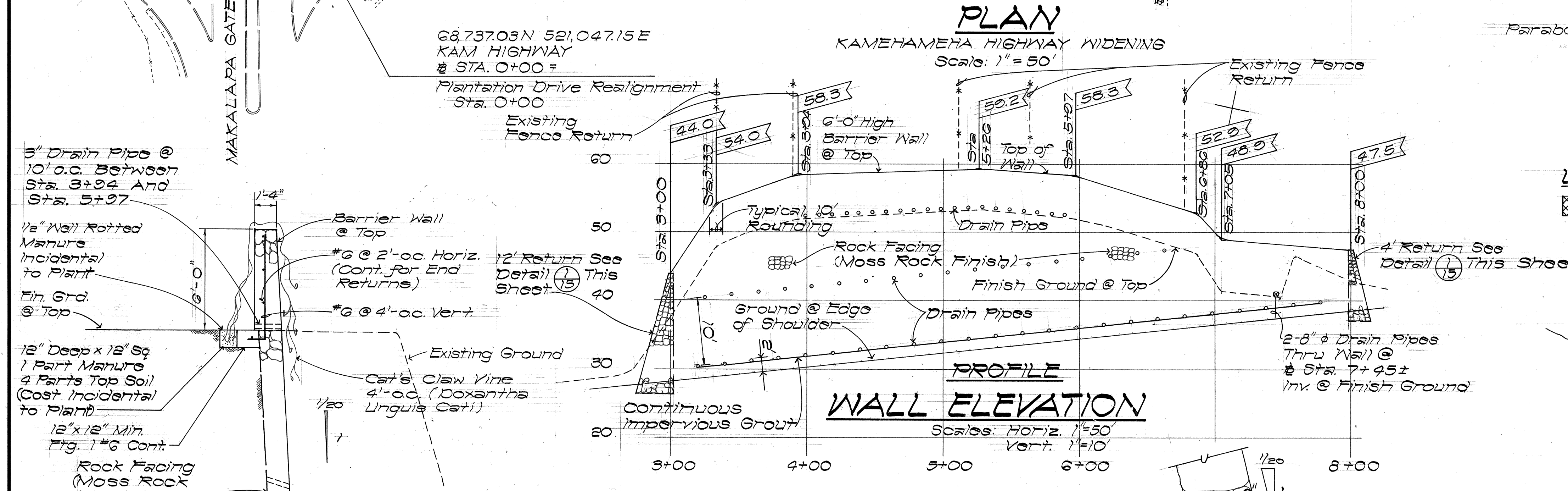
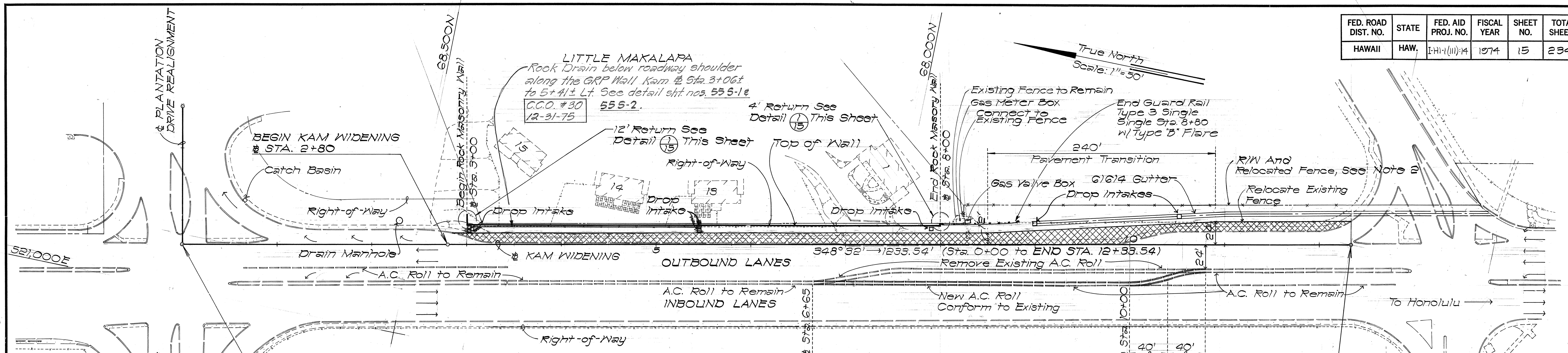


PROFILE
(BOUGAINVILLE ROAD)
Scale: Horiz. 1"=50'
Vert. 1"=10'



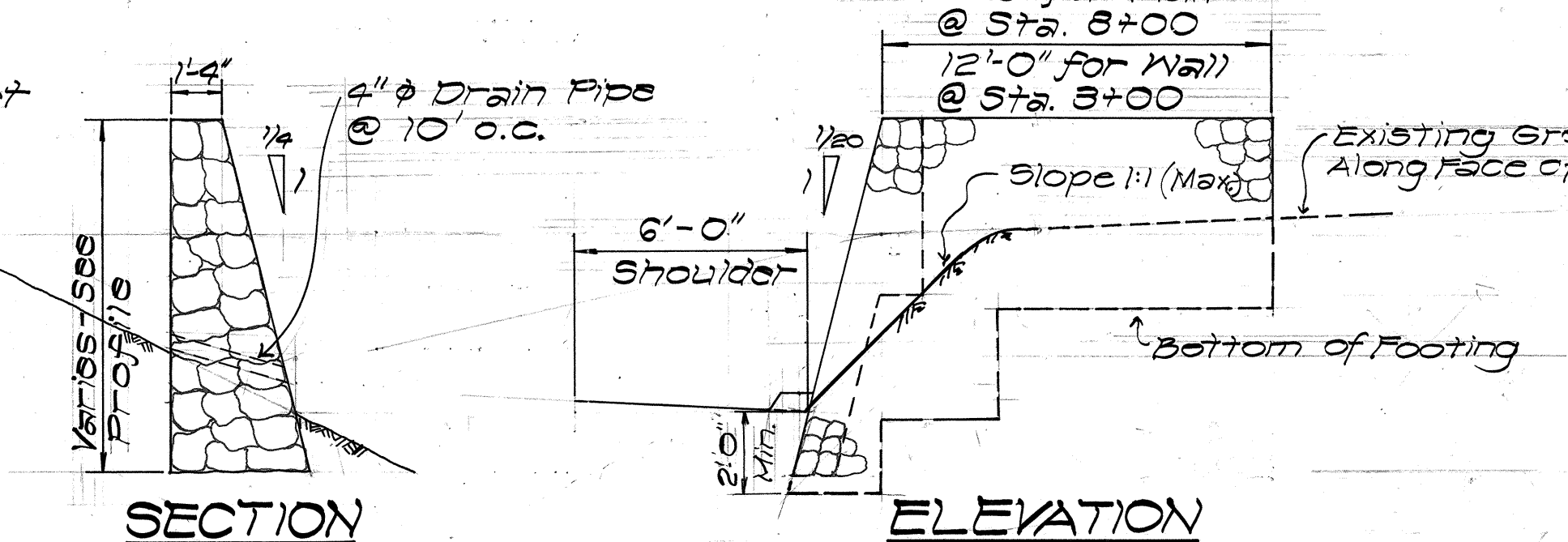
Without Seal
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-11-100-14	1974	15	234

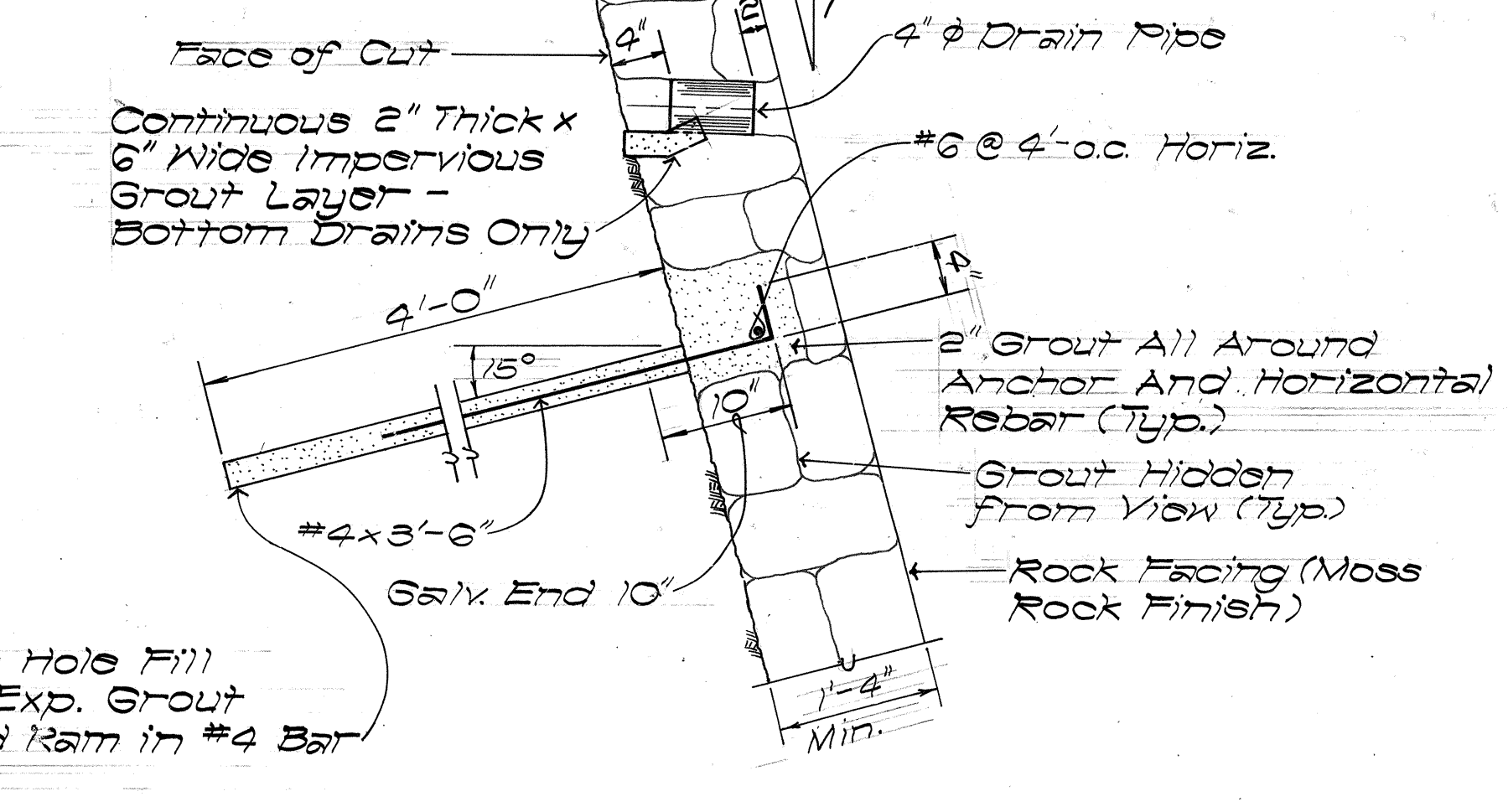
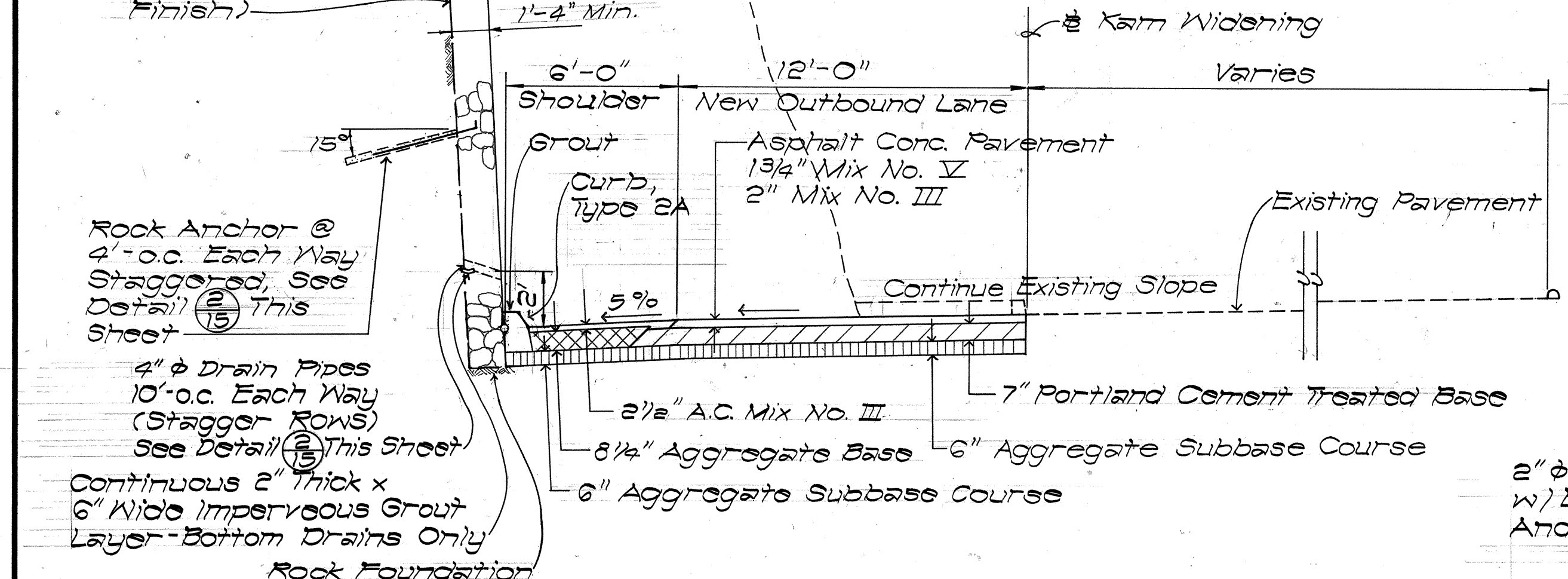


LEGEND

New Pavement

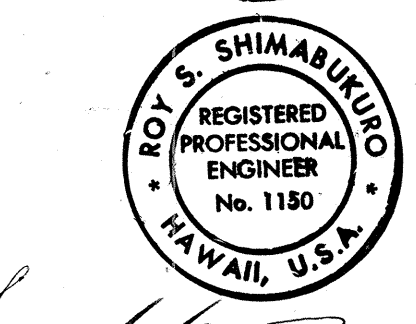
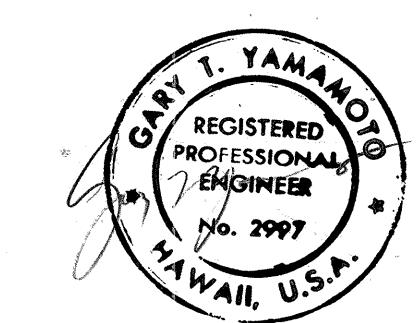


NOTES:
 1. Cost of drain pipe, grout and rock anchor incidental to wall construction.
 2. The relocated fence post size and spacing shall match the existing. Concrete footing size to be 4'-0" depth x 1'-0" (rd. or sq.) Class B. Cost of post and footing incidental to Relocated Chain Link Fence.



TYPICAL SECTION
 Scale: 1/4" = 1'-0"

DET. 2
 Not to Scale



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

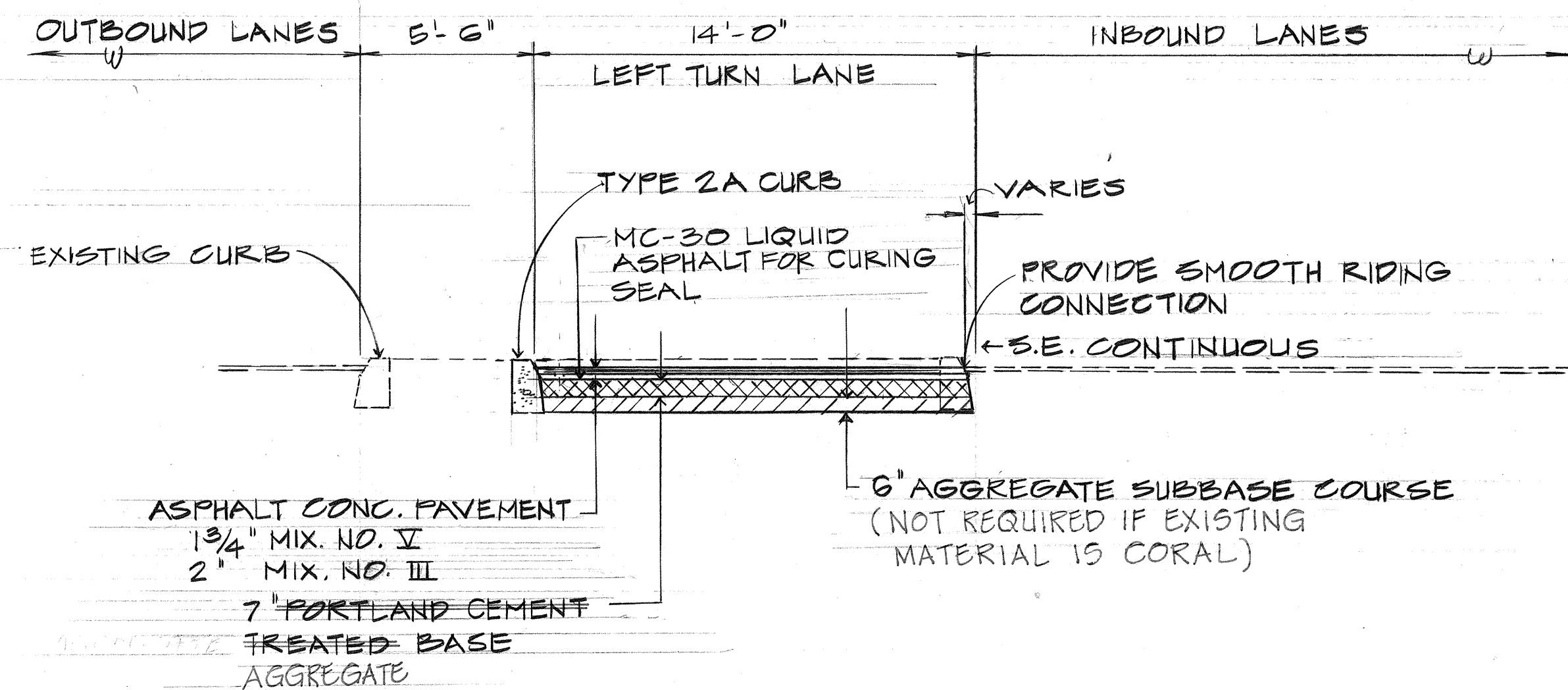
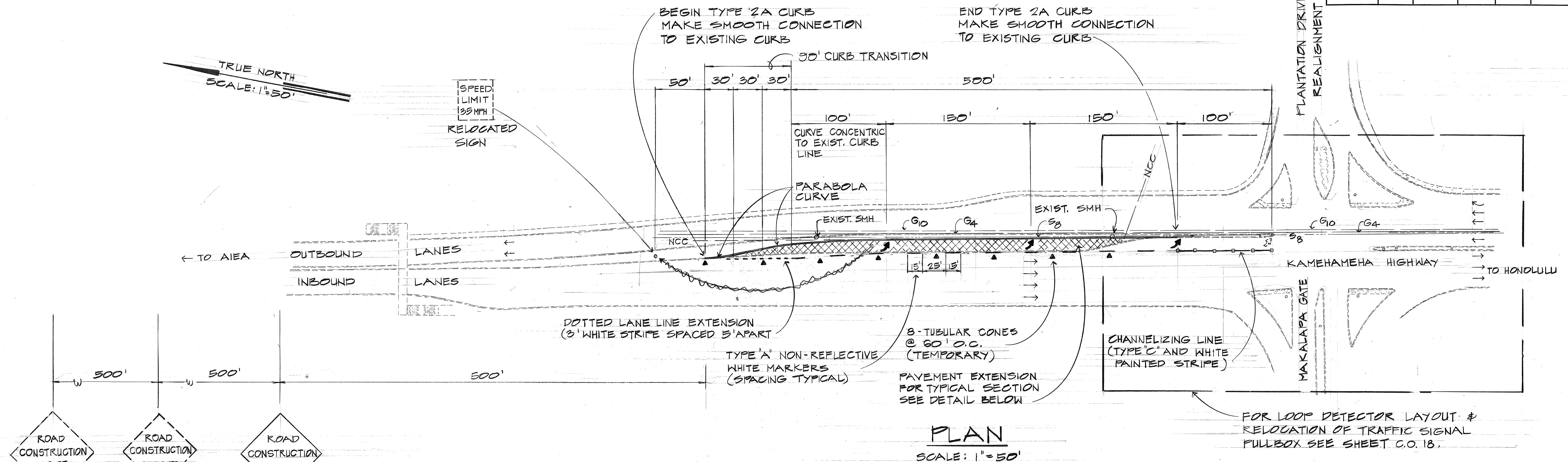
KAM WIDENING PLAN AND DETAILS

PEARL HARBOR INTERCHANGE
 F.A.I. Proj. No. I-HI-1011.14

Scale: As Shown Date: DEC. 14, 1973
 SHEET NO. 8 OF 8 SHEETS

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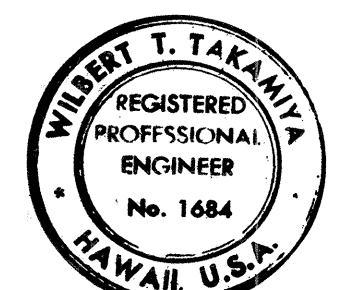
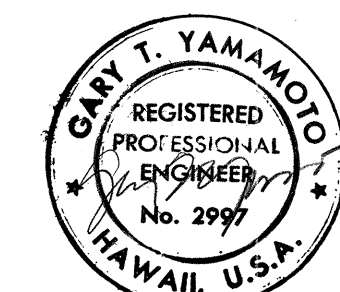
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(III)-14	1974	C.O.15 S-1	234



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

GENERAL NOTES

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS PRIOR TO THE CONSTRUCTION. ANY DAMAGE TO THE UTILITIES WHETHER OR NOT SHOWN ON THE PLANS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
2. COST FOR RELOCATING SIGNS, LOOP DETECTORS, RELOCATION OF TRAFFIC SIGNAL PULLBOX AND CONDUIT SHALL BE PAID FOR UNDER FORCE ACCOUNT IN ACCORDANCE WITH SECTION 104.05
3. THE EXISTING LOOP DETECTOR SYSTEM FOR THIS INTERSECTION WILL BE DISCONNECTED AND ABANDONED IN PLACE.
4. HOOK-UP OF LOOP DETECTOR SYSTEM FROM PULLBOXES TO CONTROLLER WILL BE DONE BY OTHERS.



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OR UNDER MY SUPERVISION

C.O. #42
7-19-76

See Sht. C.O. 18

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEFT TURN LANE EXTENSION PLAN

PEARL HARBOR INTERCHANGE
F.A.I. Proj. No. I-HI-1(III)-14

SCALE: AS SHOWN DATE: APRIL 6, 1976
SHEET NO. 1 OF 1 SHEETS

C.O.15 S-1

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