

BEGIN PROJECT
 F.A.I. PROJECT NO. I-H-1(110)15
 H-1 & P.O.C. STA. 83+00
 66,845.26 N 521,627.14 E

END PROJECT
 F.A.I. PROJ. NO. I-H-1(110)15
 H-1 & P.O.C. STA. 92+00
 65,952.93 N 521,778.55 E

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(110)15	1973	7	220

GENERAL NOTES

1. Azimuths and coordinates are based on Plane Coordinates. Coordinates referenced to "Salt Lake" 72,582.63 N 530,326.80 E (1963).
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. See Sheets 60 to 63.
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.
6. For Bench Mark location see sheet 4.
7. Cost for premolded joint filler for guard rails, structures, etc. shall be incidental to the various contract items.

LEGEND

- Existing Road
- Existing Building
- Existing Fence
- Top of Slope
- Bottom of Slope

CURVE DATA

	(1)	(2)	(3)
Δ	17° 11' 20"	17° 12' 57"	17° 9' 48"
$\Delta/2$	8° 35' 40"	8° 36' 28.5"	8° 34' 51"
R	3000.00	3013.63	2986.37
T	453.41	456.19	450.62
Ch	896.64	902.11	891.16
Lc	900.00	905.51	894.80

PLAN

INTERSTATE ROUTE H-1
 Scale: 1"=50'

SCHEDULE OF GUARD RAILS (TYPE 3 SINGLE)

ROAD	STATION	LENGTH (L.F.)
Ramp NK	4+50 to 32+60 (Ramp NW)(Rt.)	570
Ramp NK	1+05 to 4+00 (Lt.)	300
Ramp NW	28+70 to 32+60 (Lt.)	400
Ramp MW	2+00 to 37+35 (Mauka F.R.)(Lt.)	2300
Mauka F.R.	6+00 to 8+30 (Lt.)	280
Ramp EK	17+15 (Mauka F.R.) to 1+70 (Rt.)	230
Ramp KN	6+15 (Mauka F.R.) to 1+38	165

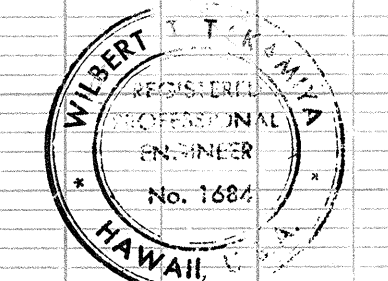
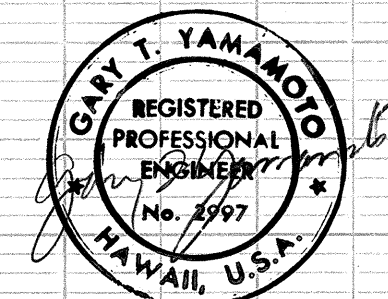
(INTERSTATE ROUTE H-1)

PROFILE

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

7/23/73 DELETED GUARD RAIL QUANTITY
 MAKA FRONTAGE ROAD STA.
 9+00 TO 9+75 RT. CO. #15
 3/5/74 REVISED GUARD RAIL TYPE
 4A TO 4B.
 11/18/73 REVISED MEDIAN FROM STA.
 85+20 TO STA. 92+00.

DATE REVISION



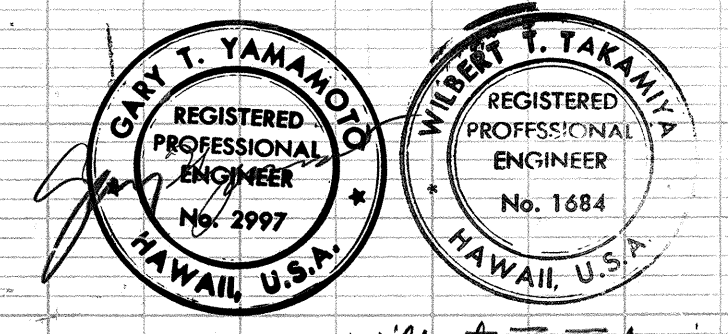
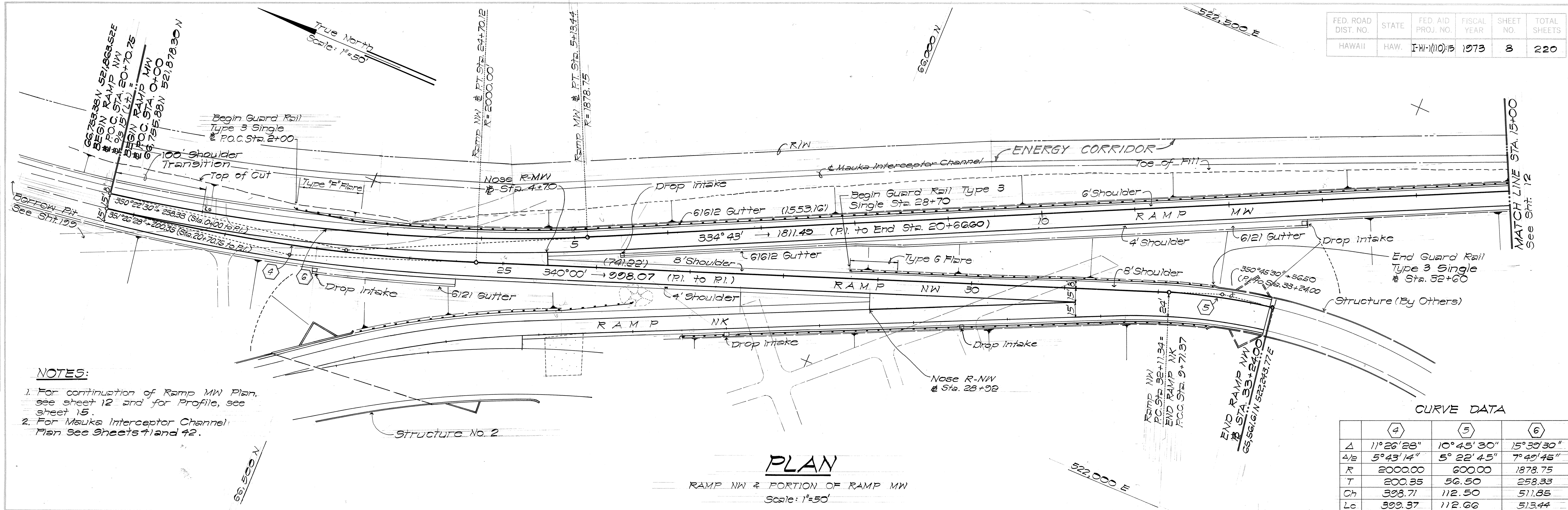
William T. Takemura
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C.O. 7R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(10)15	1973	8	220

PLAN	DATE	BY	DATE	BY
SURVEYED				
NOTE BOOK				
ALIGNMENT CHECKED				
RT. OF WAY CHECKED				

PROFILE	DATE	BY	DATE	BY
SURVEYED				
NOTE BOOK				
GRADES CHECKED				
B.M.'S NOTED				
STRUCTURE NOTATIONS CHKD				

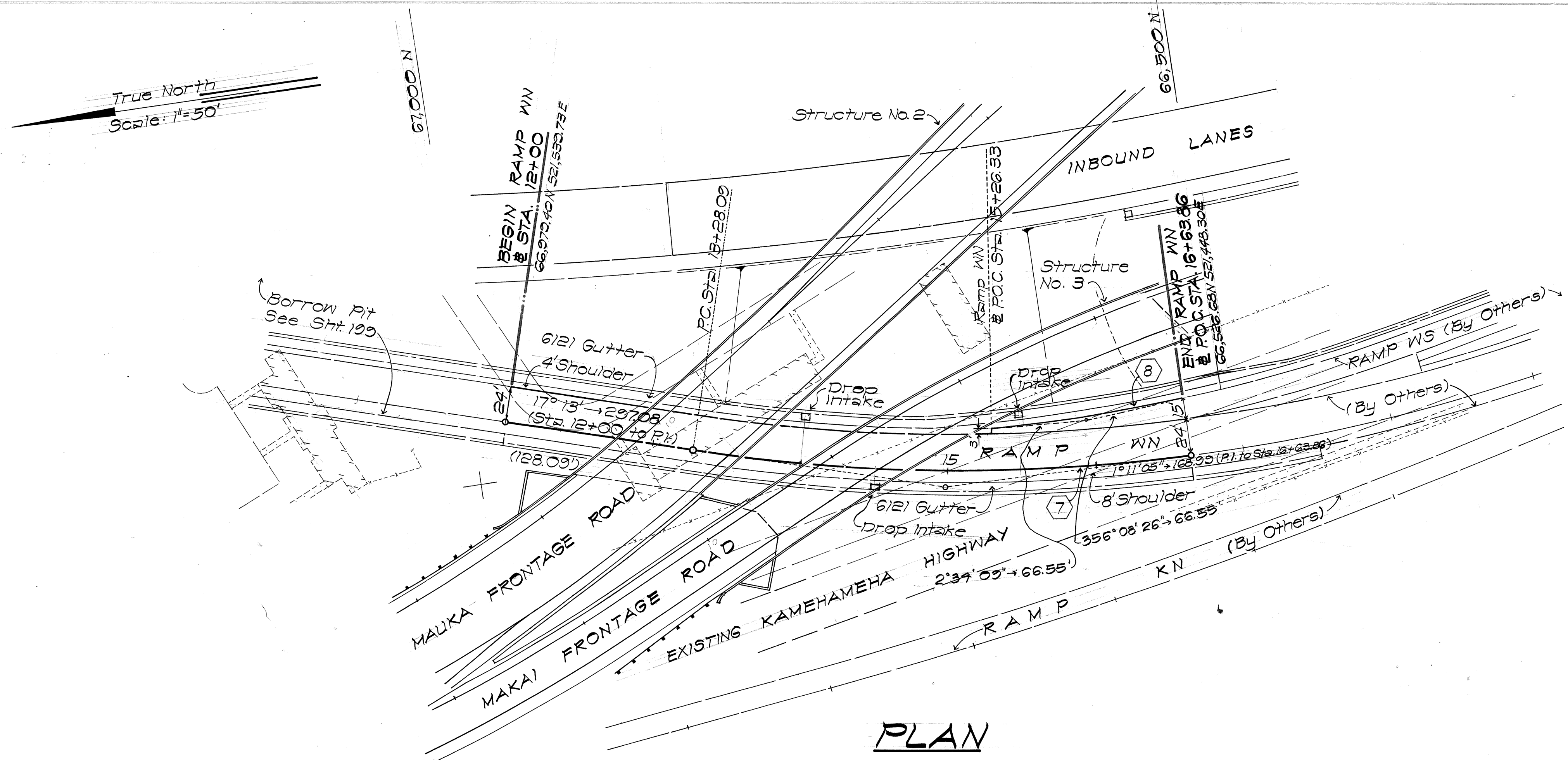


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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-11(10)15	1973	3	220

PLAN	NO.	BY	DATE	SURVEYED	NOTED	CHECKED	RT. OF WAY CHECKED

PROFILE	NO.	BY	DATE	SURVEYED	NOTED	CHECKED	STRUCTURE NOTATIONS CHECKED

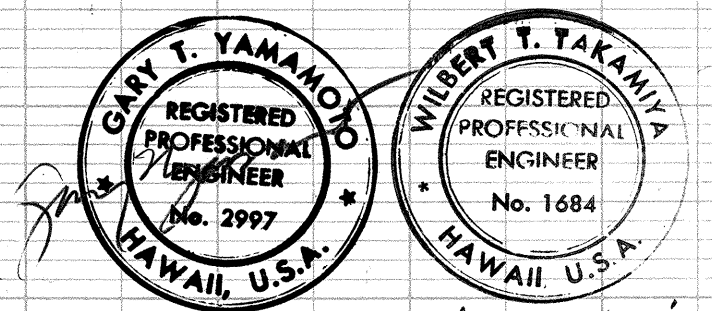
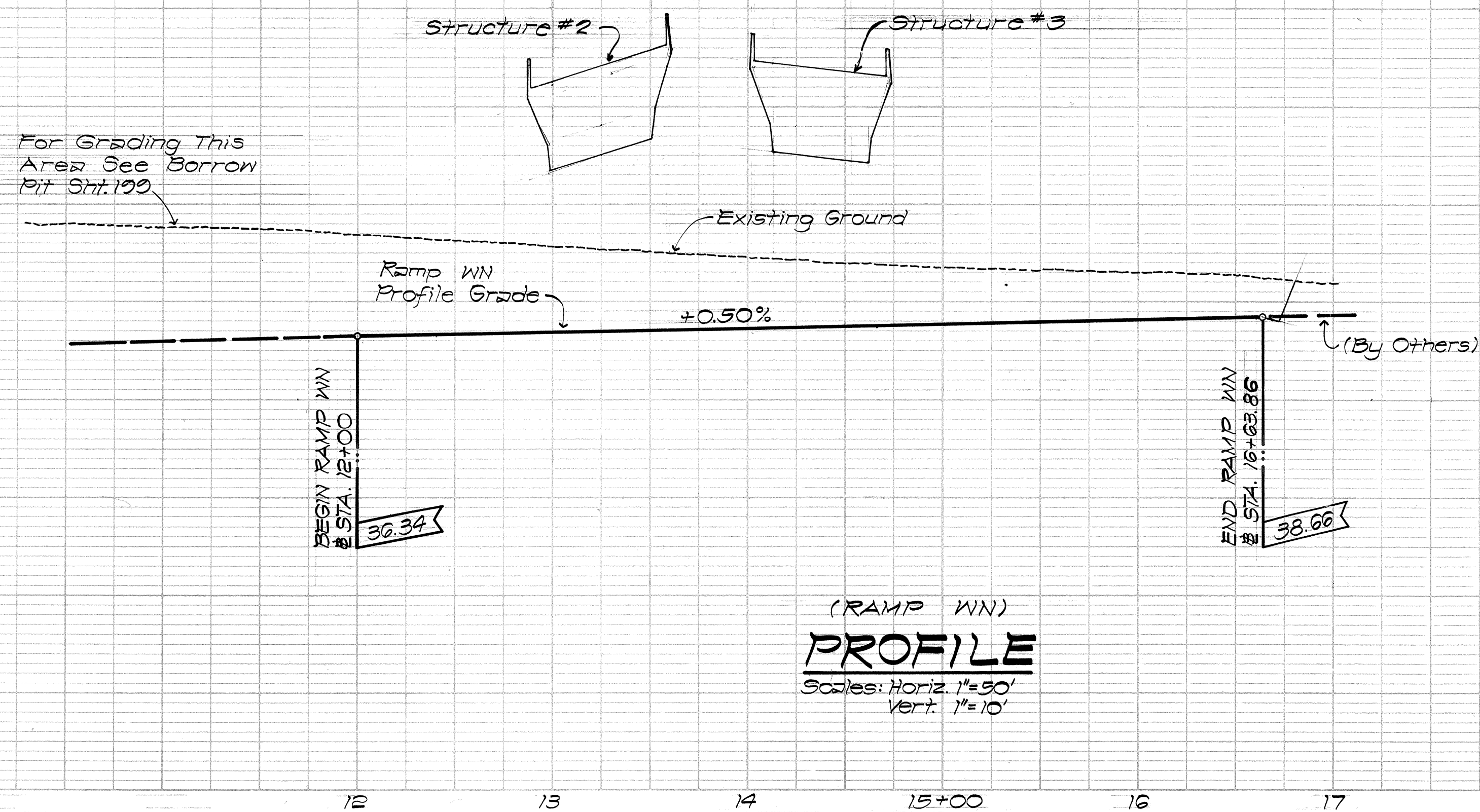


PLAN

RAMP WN
Scale: 1"=50'

CURVE DATA

	7	8
Δ	16° 01' 55"	6° 25' 43"
$4/2$	8° 00' 57.5"	3° 12' 51.5"
R	1200.00	1185.00
T	168.99	66.55
Ch	334.68	132.89
Lc	335.77	132.98

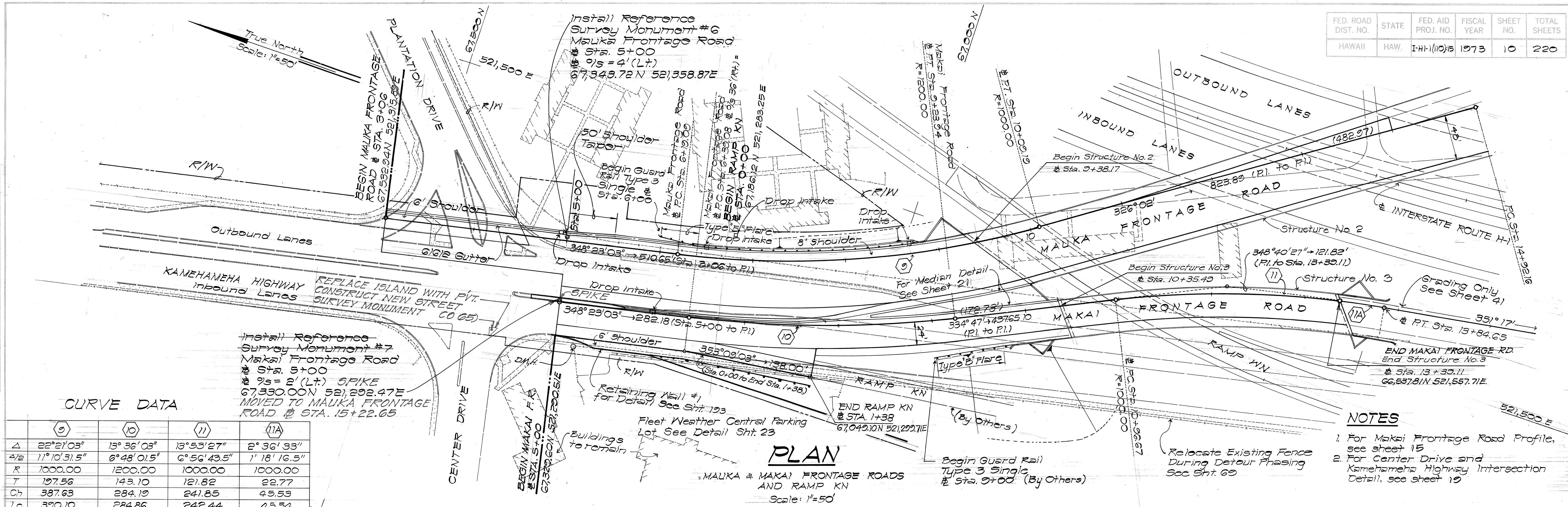


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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-11(10)15	1973	10	220

PLAN	DATE	BY	DATE	BY	DATE
SURVEYED					
PLOTTED					
GRADED					
STRUCTURE NOTED					
NOTE BOOK					
NO.					

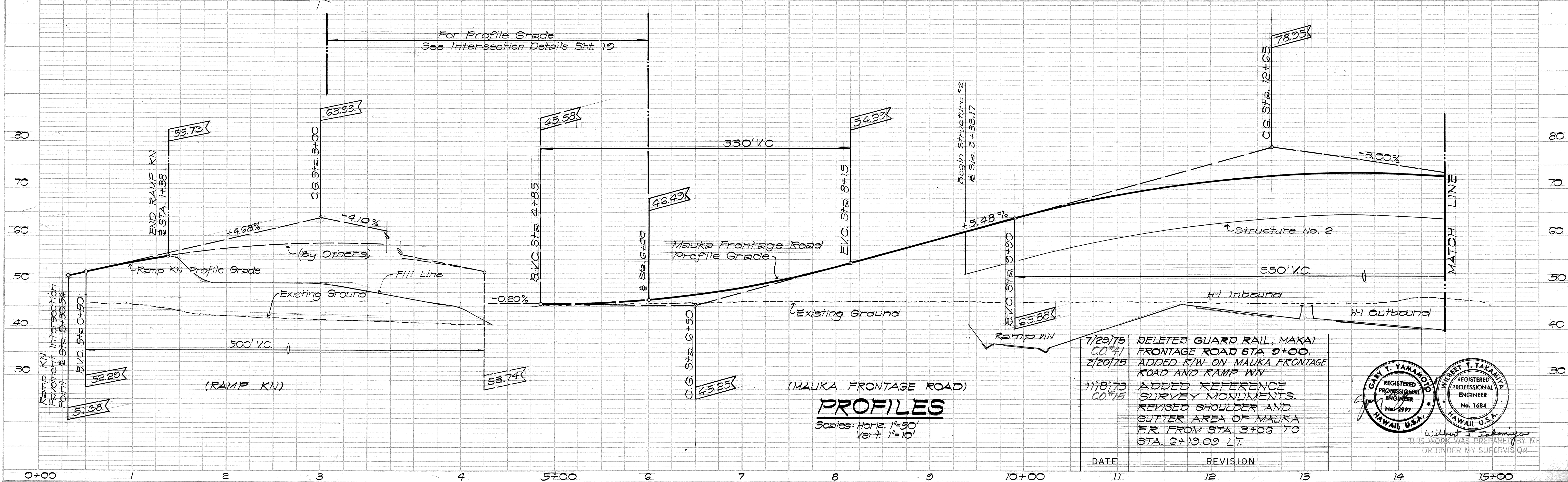
PROFILE	DATE	BY	DATE	BY	DATE
SURVEYED					
PLOTTED					
GRADED					
STRUCTURE NOTED					
NOTE BOOK					
NO.					



NOTES

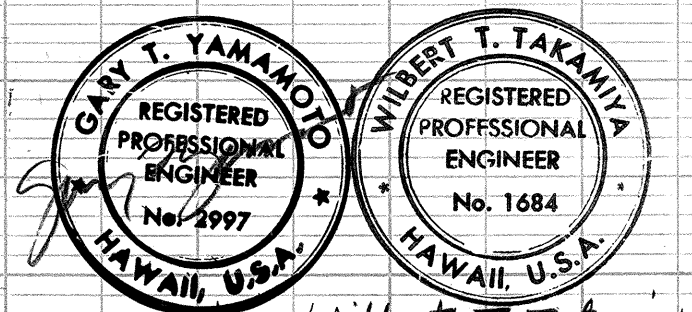
1. For Mauka Frontage Road Profile, see sheet 15
2. For Center Drive and Kamehameha Highway Intersection Detail, see sheet 12

	9	10	11	11A
Δ	22°21'03"	13°36'03"	13°53'27"	2°36'33"
4/2	11°10'31.5"	6°48'01.5"	6°56'43.5"	1°18'16.5"
R	1000.00	1200.00	1000.00	1000.00
T	197.56	143.10	121.82	22.77
Ch	387.63	284.19	241.85	45.53
Lc	390.10	284.86	242.44	45.54



7/25/75
C.O. 41
2/20/75
C.O. 15
11/8/73
C.O. 15

DELETED GUARD RAIL, MAKAI FRONTAGE ROAD STA. 9+00.
ADDED R/W ON MAUKA FRONTAGE ROAD AND RAMP KN
ADDED REFERENCE SURVEY MONUMENTS.
REVISED SHOULDER AND GUTTER AREA OF MAUKA FR. FROM STA. 3+06 TO STA. 6+19.09 L.T.



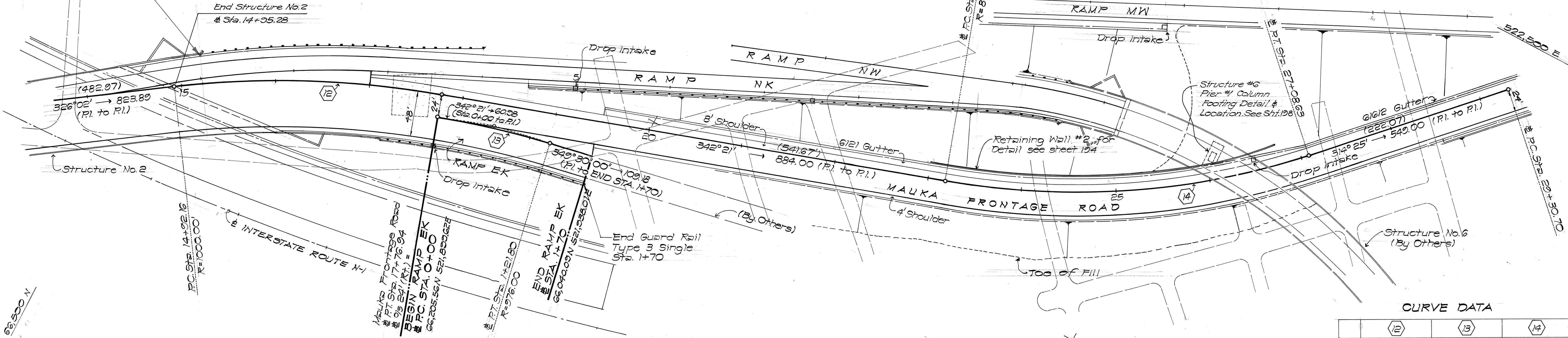
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C.O. 10R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(10)15	1973	11	220

REFERENCE SURVEY
MON. #7 MAUKA FRONTAGE RD. @ STA. 15+22.65,
28.12 2/3 Lt.

True North
Scale: 1"=50'



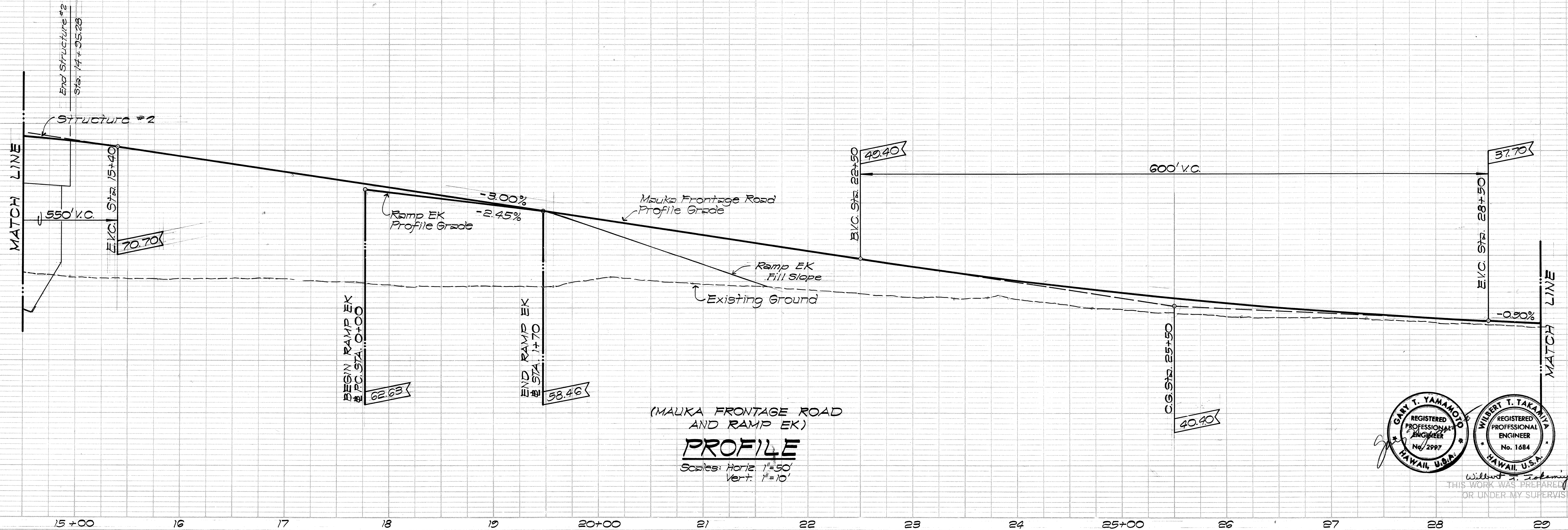
PLAN

MAUKA FRONTAGE ROAD
AND RAMP EK

Scale: 1"=50'

CURVE DATA

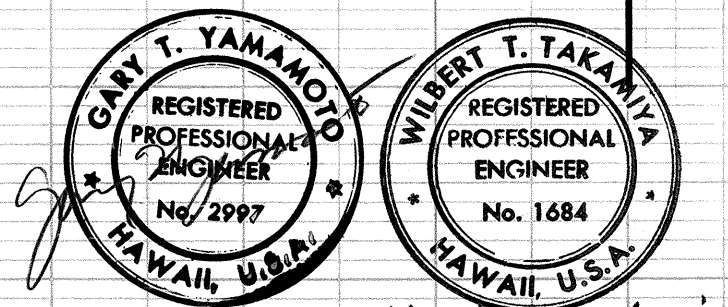
	(12)	(13)	(14)
Δ	16°10'00"	7°09'00"	27°56'00"
$\Delta/2$	8°05'30"	3°34'30"	13°58'00"
R	1000.00	976.00	800.00
T	143.36	60.98	138.97
Ch	283.82	121.72	386.17
Lc	284.78	121.80	390.02



(MAUKA FRONTAGE ROAD
AND RAMP EK)

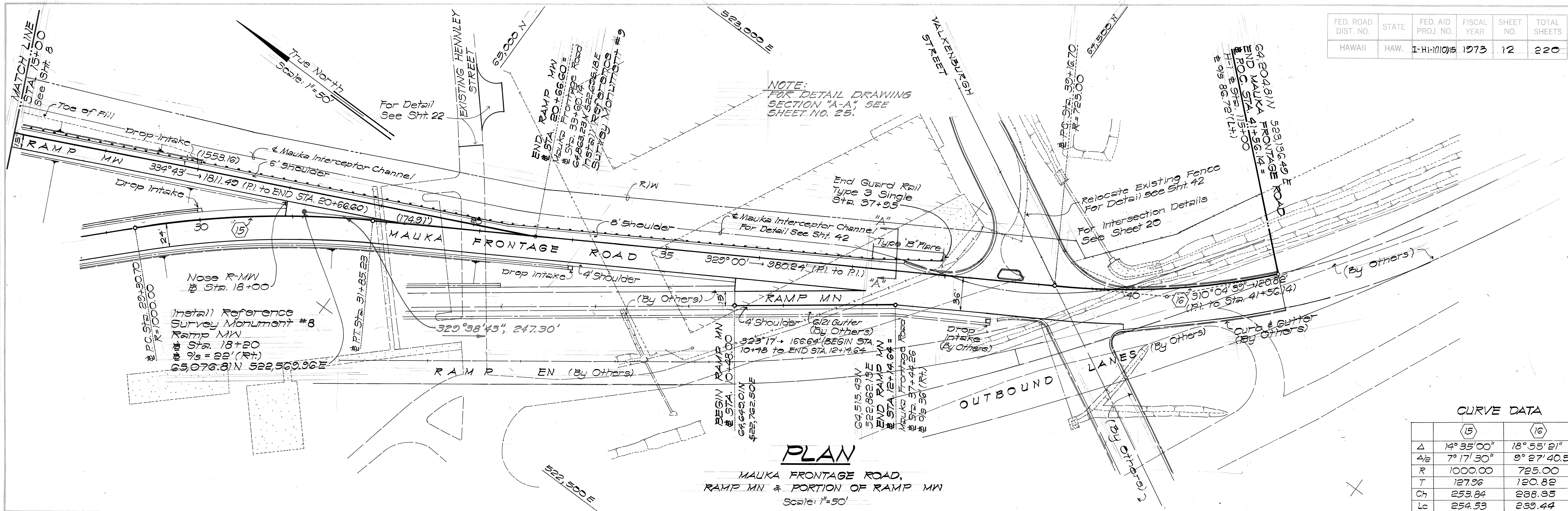
PROFILE

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



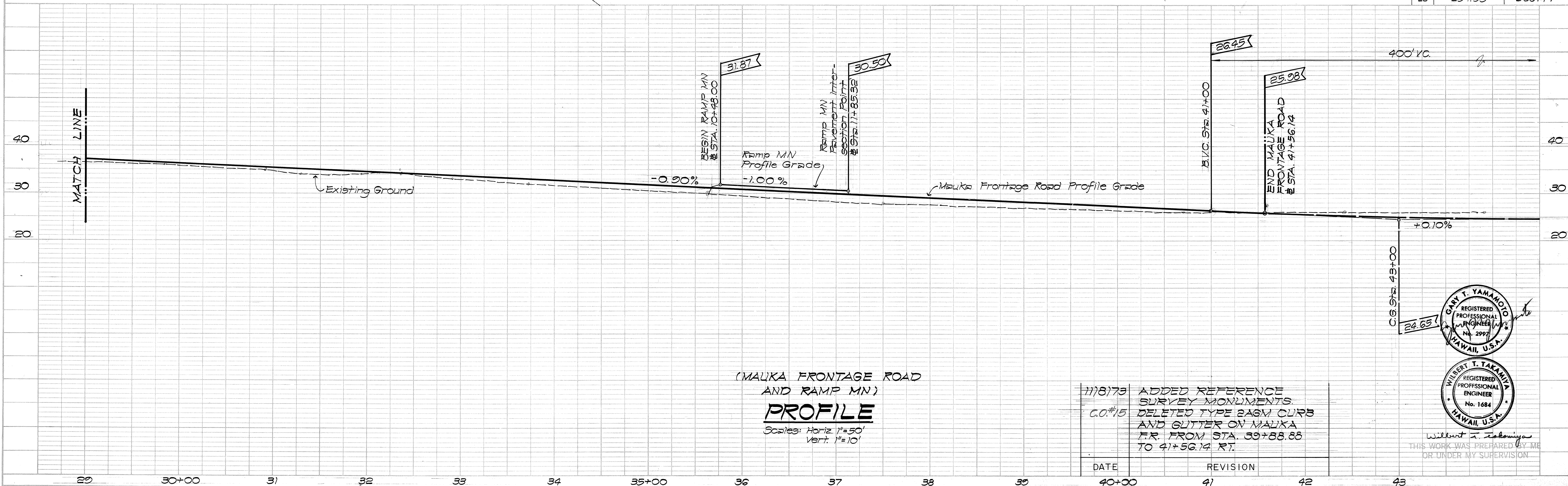
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-11(10)15	1973	12	220



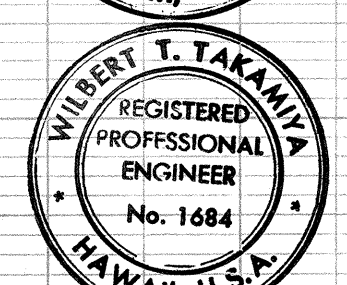
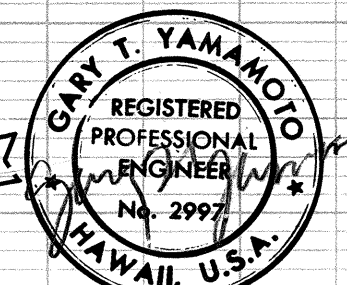
CURVE DATA

	(15)	(16)
Δ	14° 35' 00"	18° 55' 21"
Δ/2	7° 17' 30"	9° 27' 40.5"
R	1000.00	725.00
T	127.96	120.82
Ch	253.84	288.35
Lc	254.53	293.44



11/8/73
C.O.#15
ADDED REFERENCE
SURVEY MONUMENTS
DELETED TYPE 286M CURB
AND GUTTER ON MAUKA
F.R. FROM STA. 39+88.88
TO 41+56.14 RT.

DATE	REVISION
40+00	41
41	42
42	43

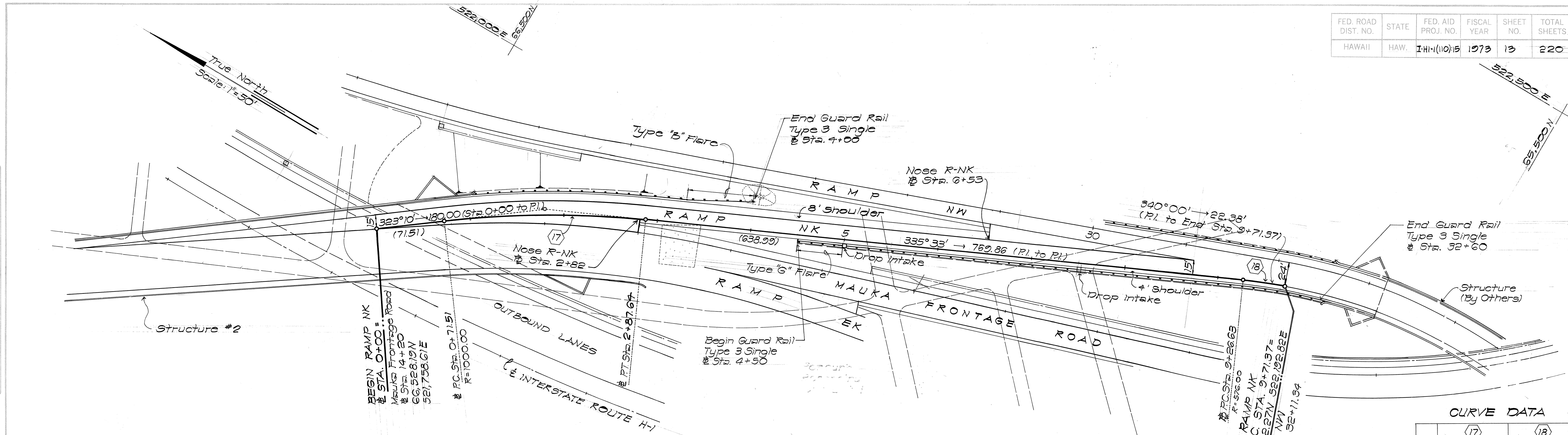


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HAWAII	HAW.	IHI-1(10)15	1973	13	220

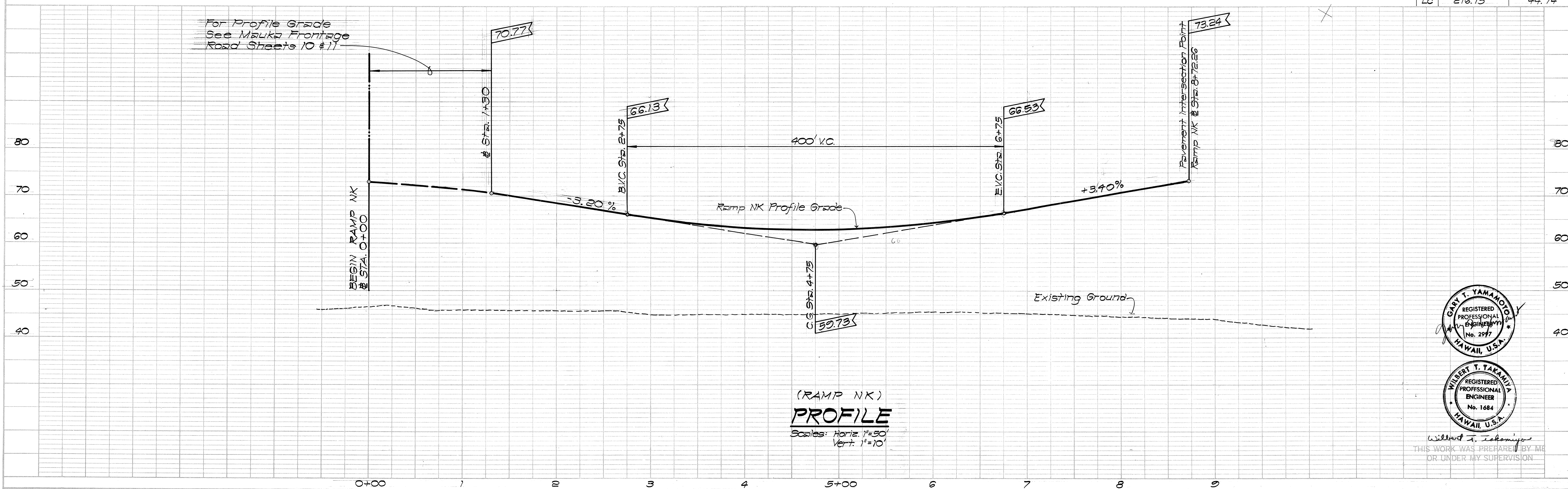
PLAN	DATE	BY	DATE	BY
SURVEYED				
PLOTTED				
NOTES CHECKED				
RT. OF WAY CHECKED				
NO.				

PROFILE	DATE	BY	DATE	BY
SURVEYED				
PLOTTED				
NOTES CHECKED				
STRUCTURE NOTATIONS OK'D				
NO.				



PLAN

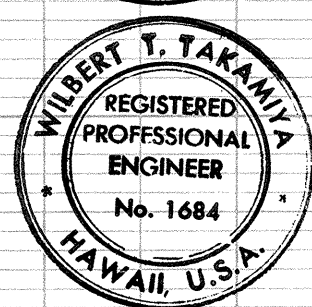
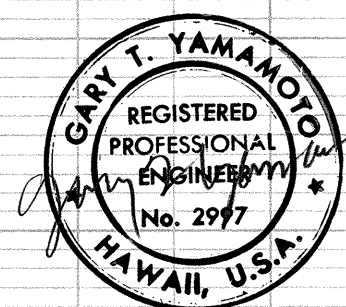
RAMP NK
Scale: 1"=50'



(RAMP NK)

PROFILE

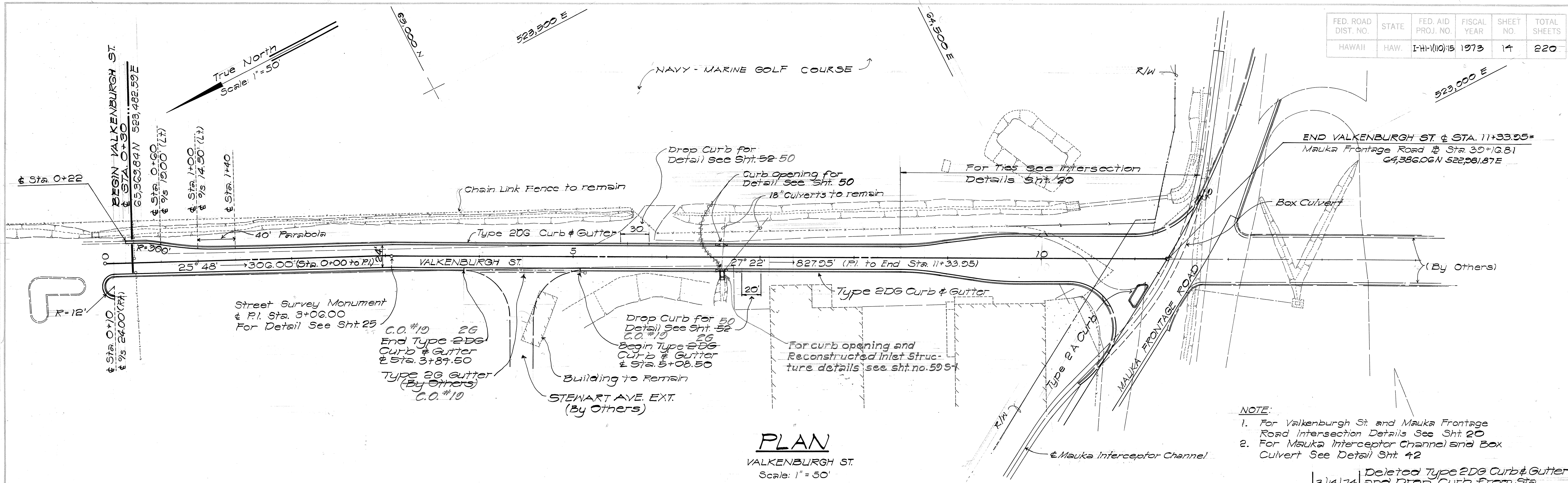
Scales: Horiz. 1"=50'
Vert. 1"=10'



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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(10)15	1973	14	220

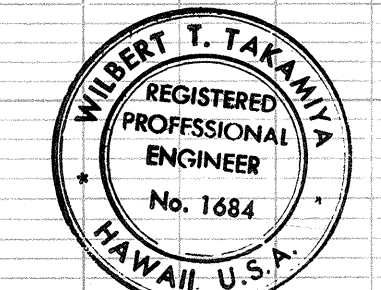
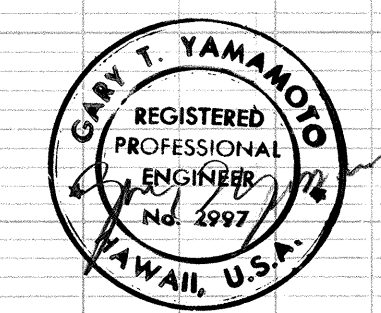
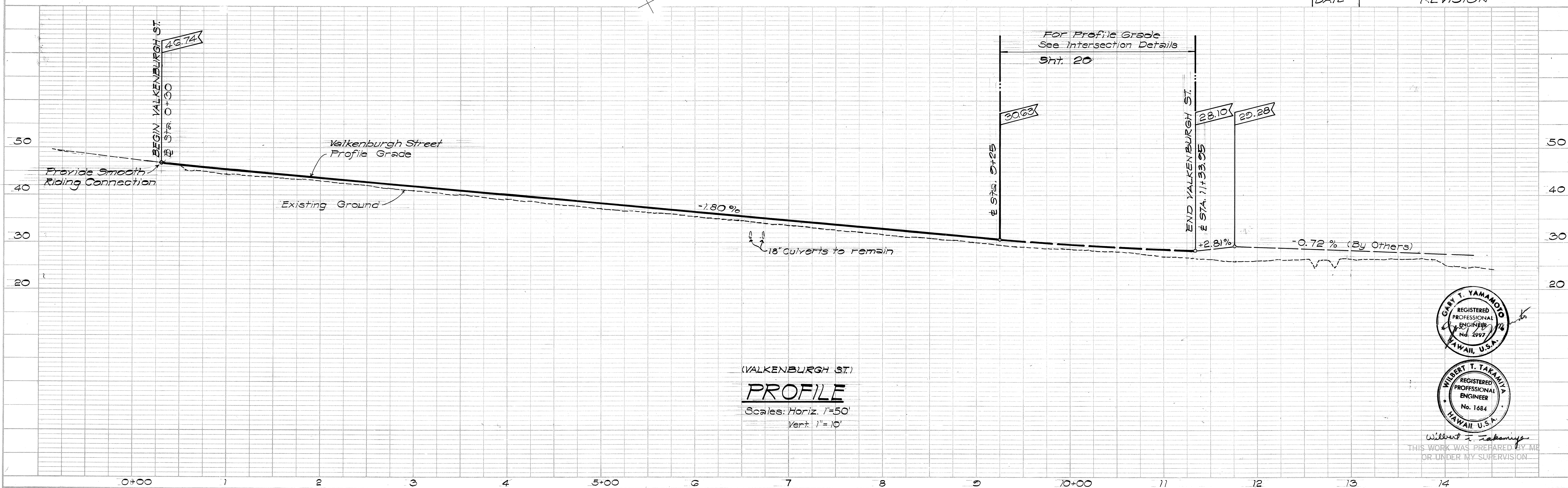
PLAN	DATE	BY
SURVEYED		
NOTED		
NOTE BOOK		
NO.		



- NOTE:**
- For Valkenburgh St. and Mauka Frontage Road Intersection Details See Sht. 20
 - For Mauka Interceptor Channel and Box Culvert See Detail Sht. 42

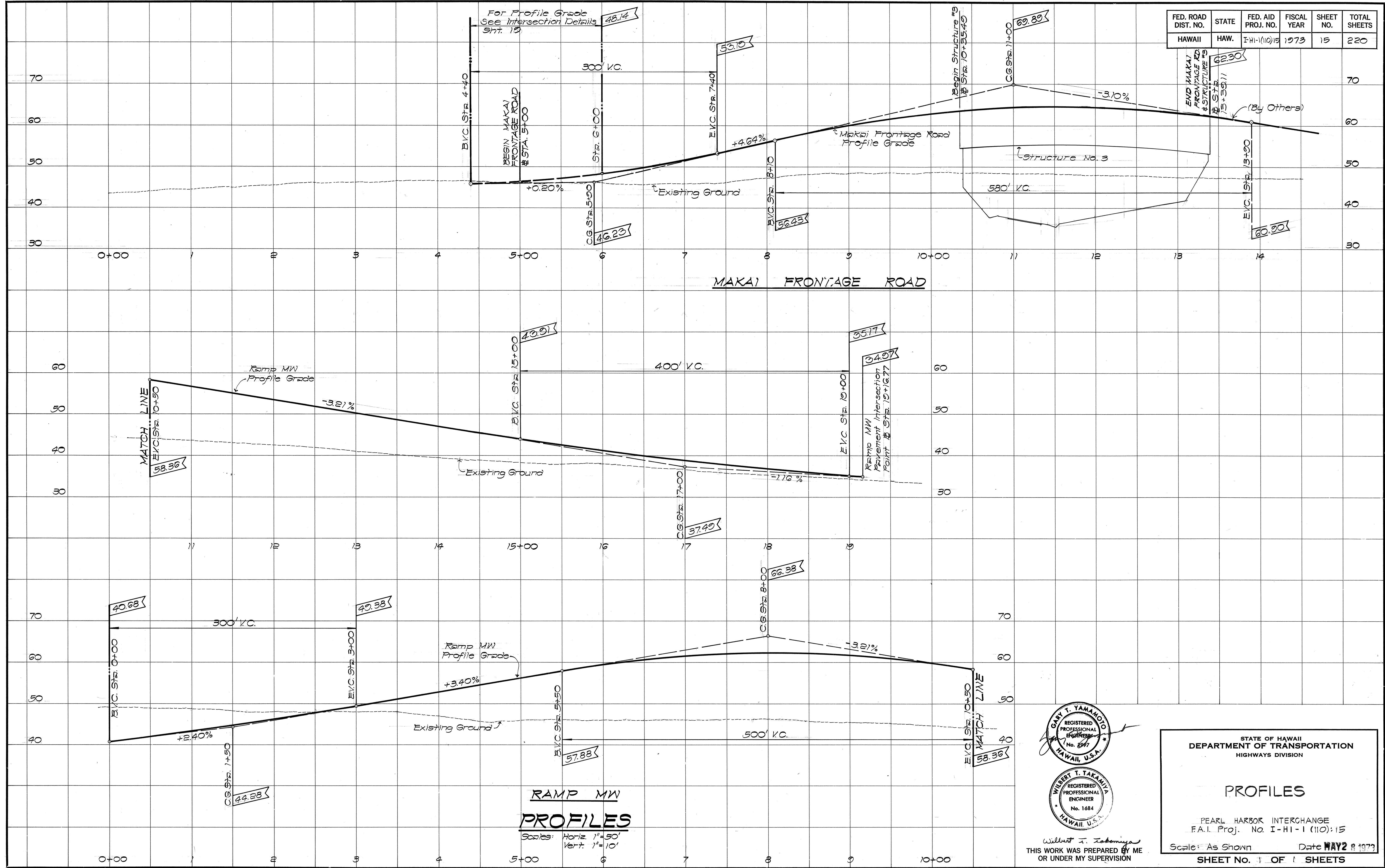
DATE	REVISION
3/14/74	Deleted Type 2DG Curb & Gutter and Drop Curb from Sta. 3+84.50 (Rt.) to Sta. 5+08.50 (Rt.)

PROFILE	DATE	BY
SURVEYED		
NOTED		
NOTE BOOK		
NO.		



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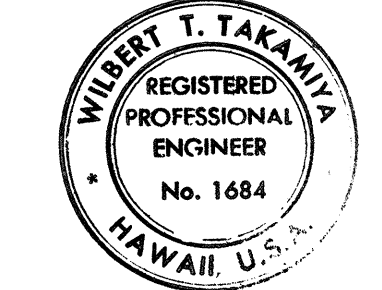
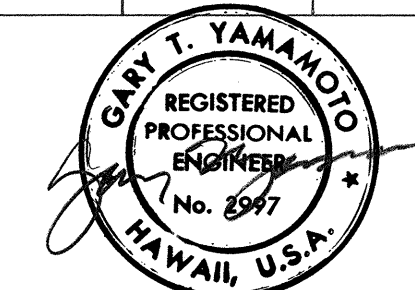
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(110):15	1973	15	220



ORIGINAL	DATE
PLAN	
DESIGNED BY	
NOTED BY	
CHECKED BY	

RAMP MW PROFILES

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



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILES

PEARL HARBOR INTERCHANGE
F.A.I. Proj. No. I-HI-1(110):15

Scale: As Shown Date MAY 28 1973

SHEET NO. 1 OF 1 SHEETS