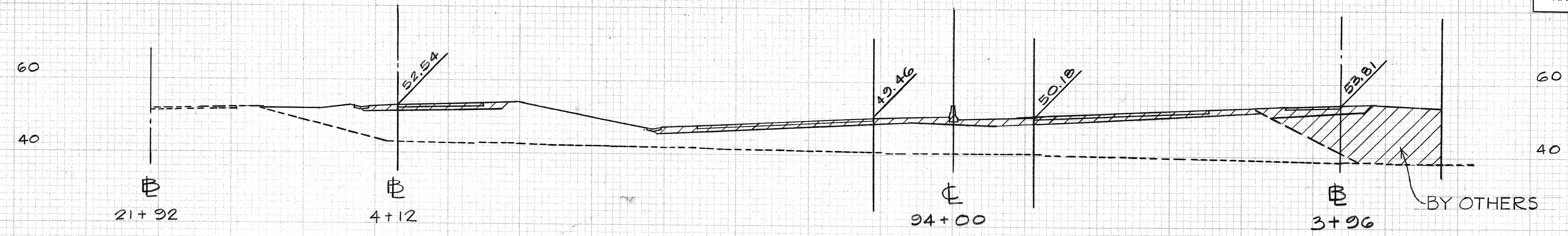
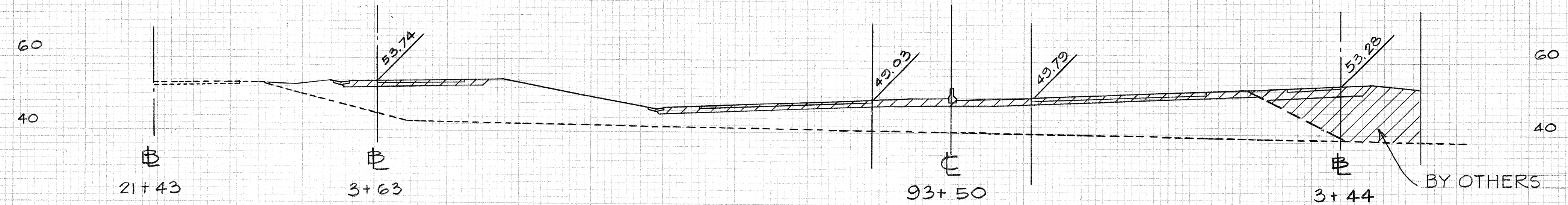


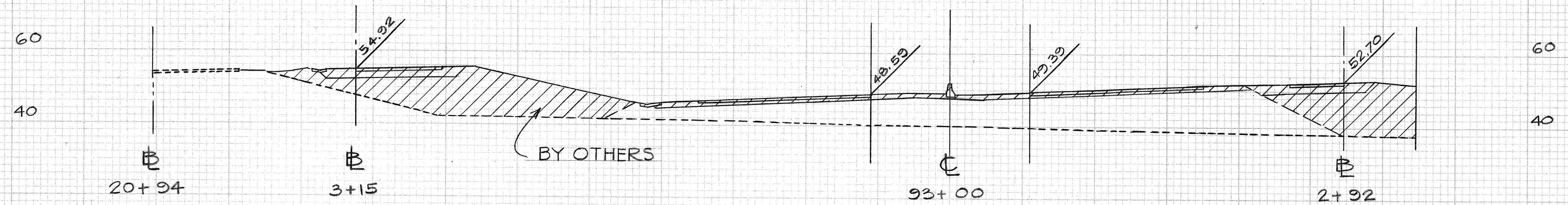
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-(III)-14	1974	212	234



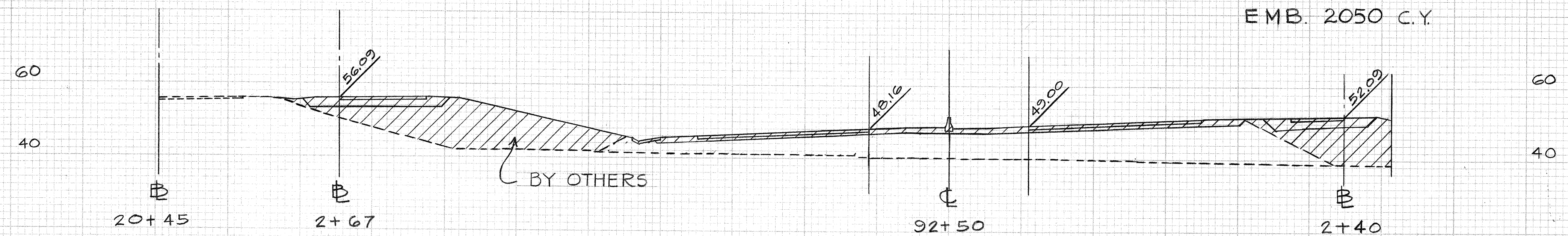
EXC. 0 C.Y.
EMB. 3653 C.Y.



EXC. 0 C.Y.
EMB. 2824 C.Y.

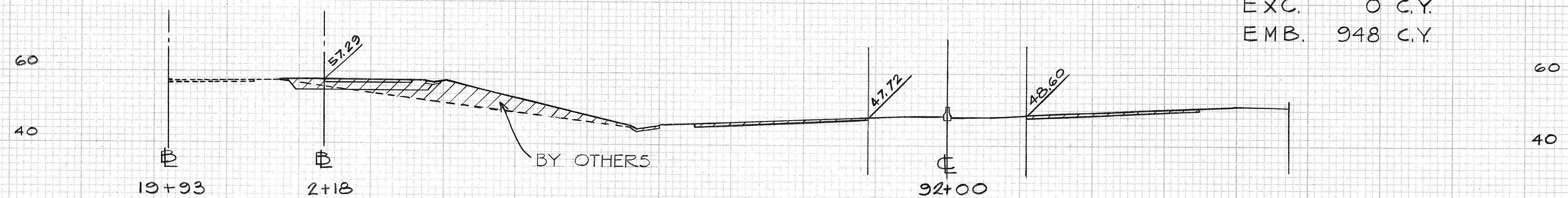


EXC. 0 C.Y.
EMB. 2050 C.Y.



RAMP KE

EXC. 0 C.Y.
EMB. 948 C.Y.

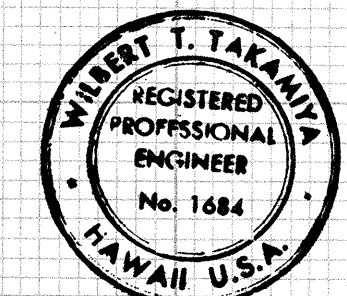
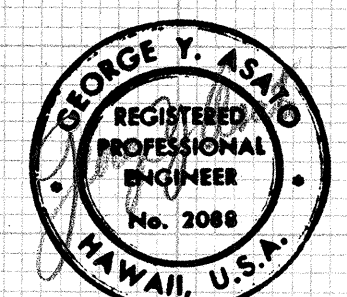


RAMPEK

INTERSTATE ROUTE H-1

MAUKA FRONTAGE ROAD

SCALES: HORIZ. 1" = 20'
VERT. 1" = 20'

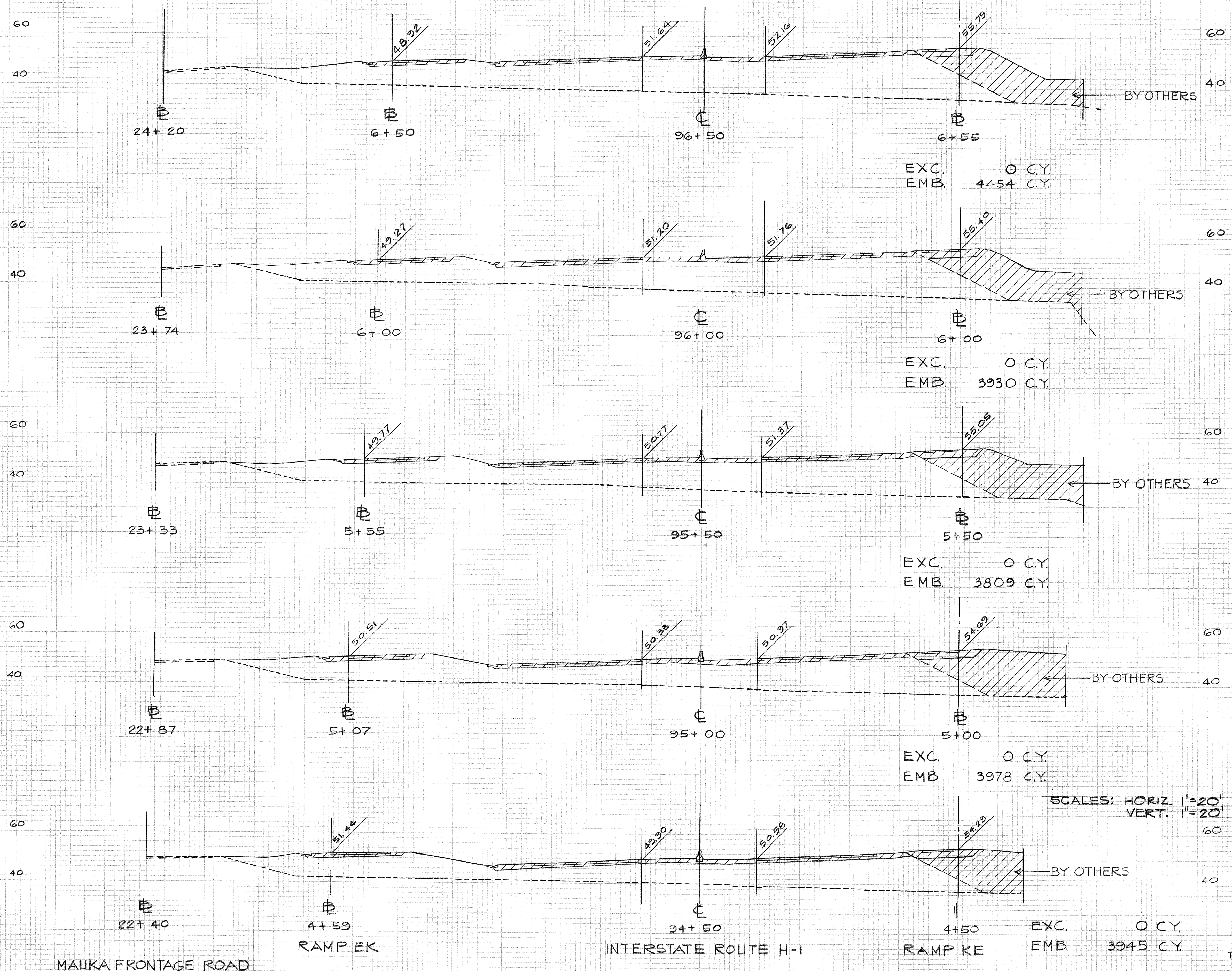


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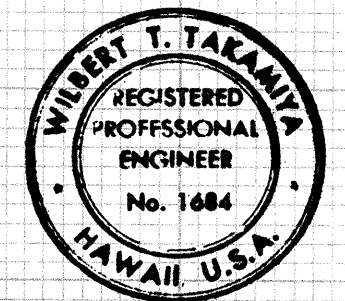
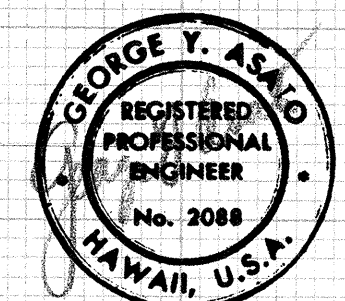
FINAL SURVEY PLOTTED
NOTE BOOK TEMPLATE
No. _____

ORIGINAL SURVEY PLOTTED
NOTE BOOK TEMPLATE
No. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-(III)-14	1974	213	234



SCALES: HORIZ. 1"=20'
VERT. 1"=20'

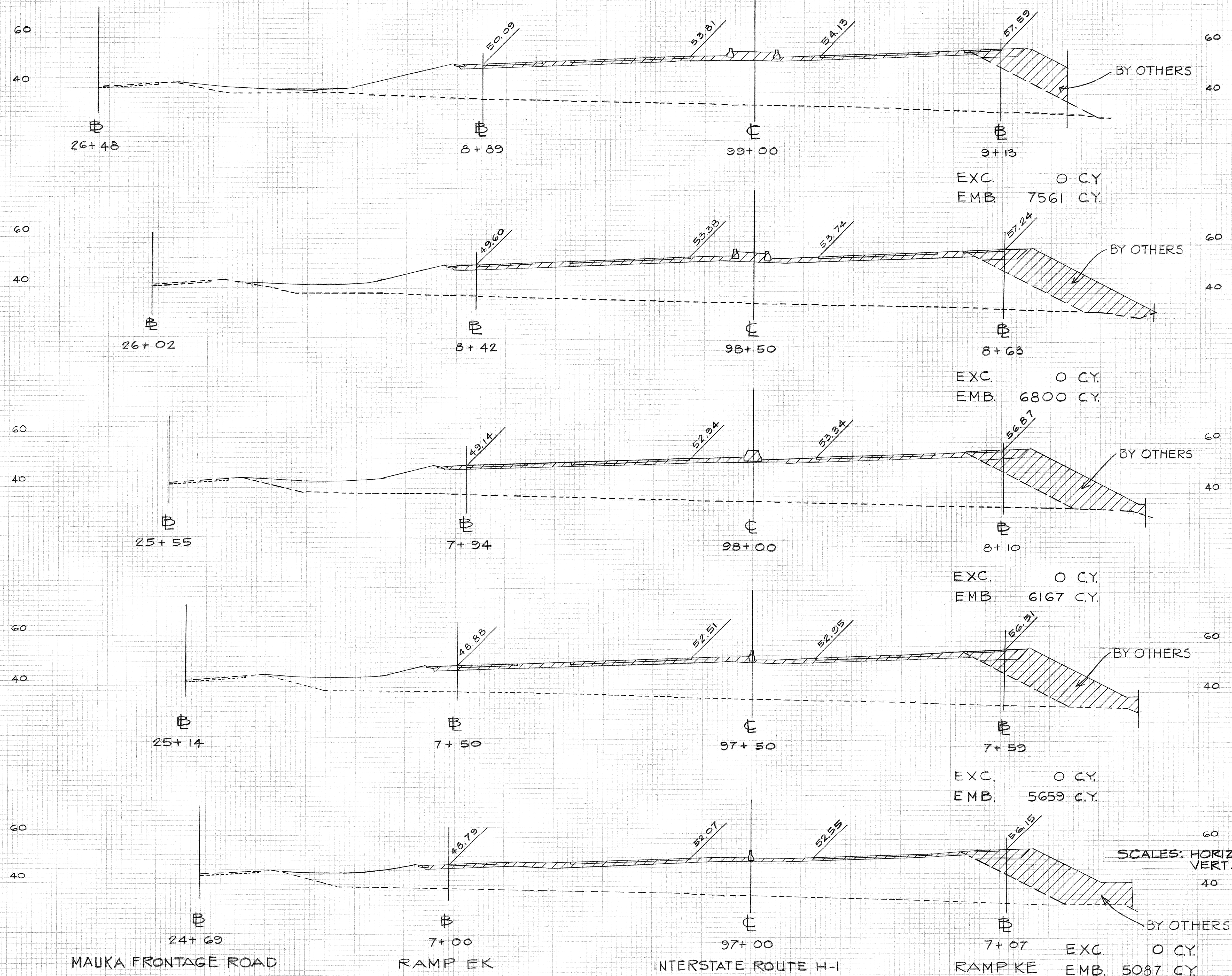


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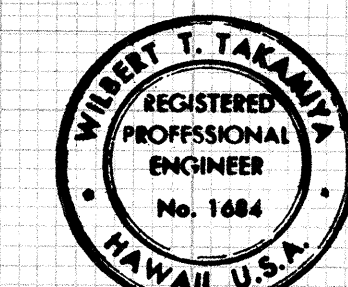
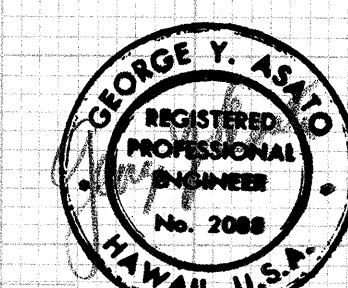
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NO. _____
DATE _____
BY _____
REVIEWED _____
PLOTTED _____
TEMPLATE _____
AREAS CHECKED _____

ORIGINAL SURVEY NOTE BOOK
NO. _____
DATE _____
BY _____
REVIEWED _____
PLOTTED _____
TEMPLATE _____
AREAS CHECKED _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(III)-14	1974	214	234



SCALES: HORIZ. 1"=20'
 VERT. 1"=20'

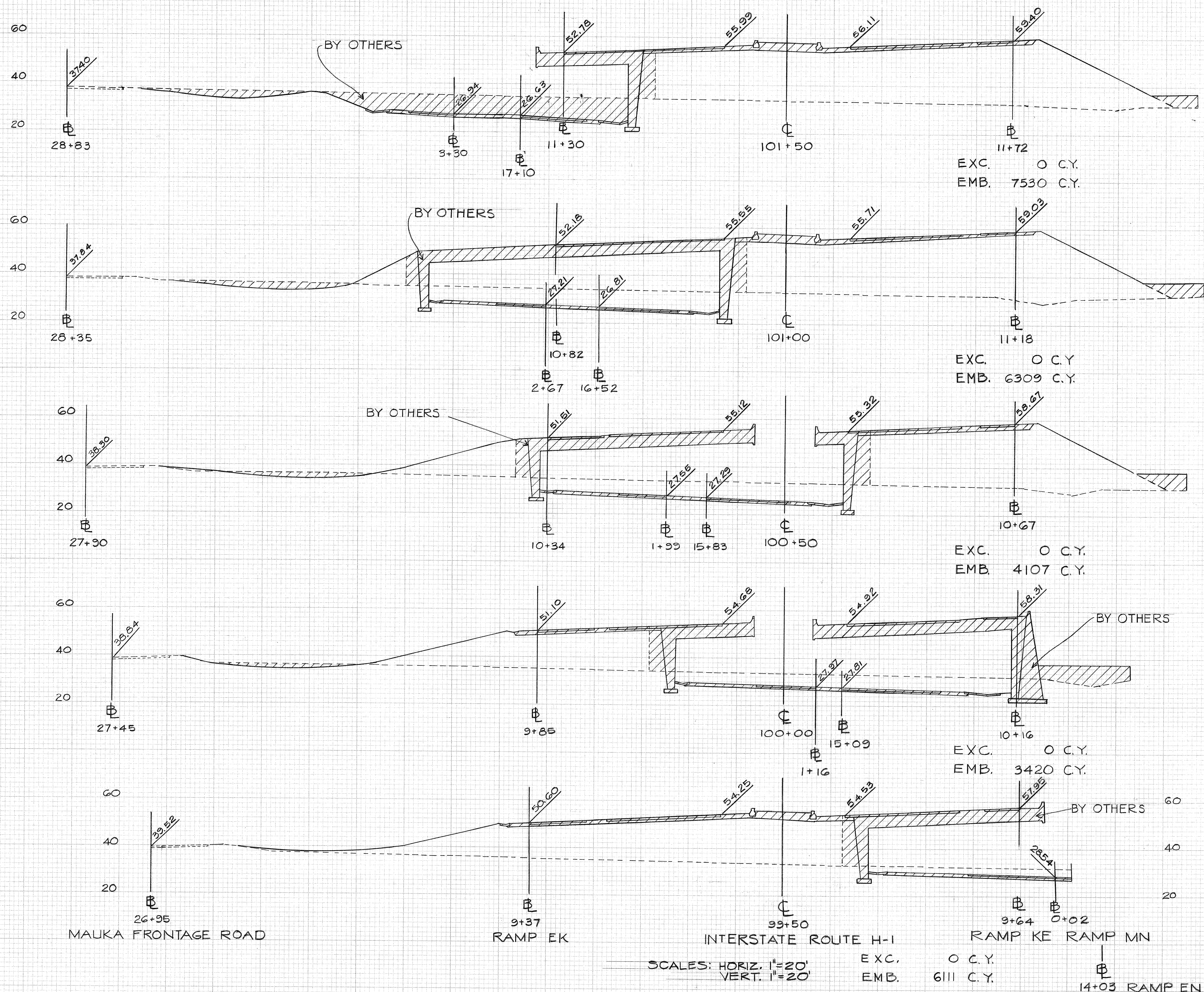


THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION

FINAL SURVEY
 DATE
 BY
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS
 AREAS CHECKED

ORIGINAL SURVEY
 DATE
 BY
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS
 AREAS CHECKED

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(III);14	1974	215	234



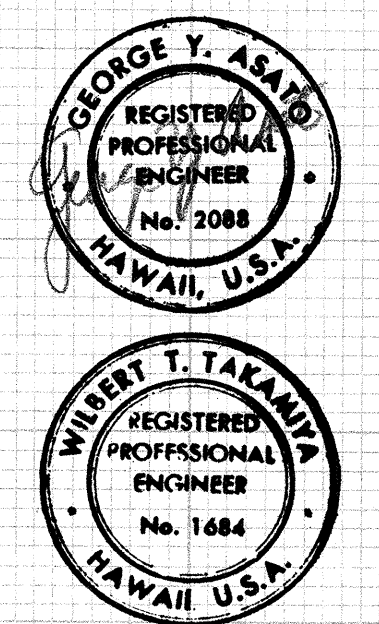
FINAL SURVEY NOTE BOOK No. _____

ORIGINAL SURVEY NOTE BOOK No. _____

SCALES: HORIZ. 1"=20'
VERT. 1"=20'

EXC. 0 C.Y.
EMB. 611 C.Y.

14+03 RAMP EN



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FINAL SURVEY NOTE BOOK NO.	BY		DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL	BY	DATE
SURVEY		
NOTE BOOK		
AREAS CHECKED		

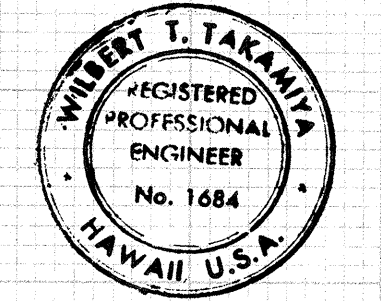
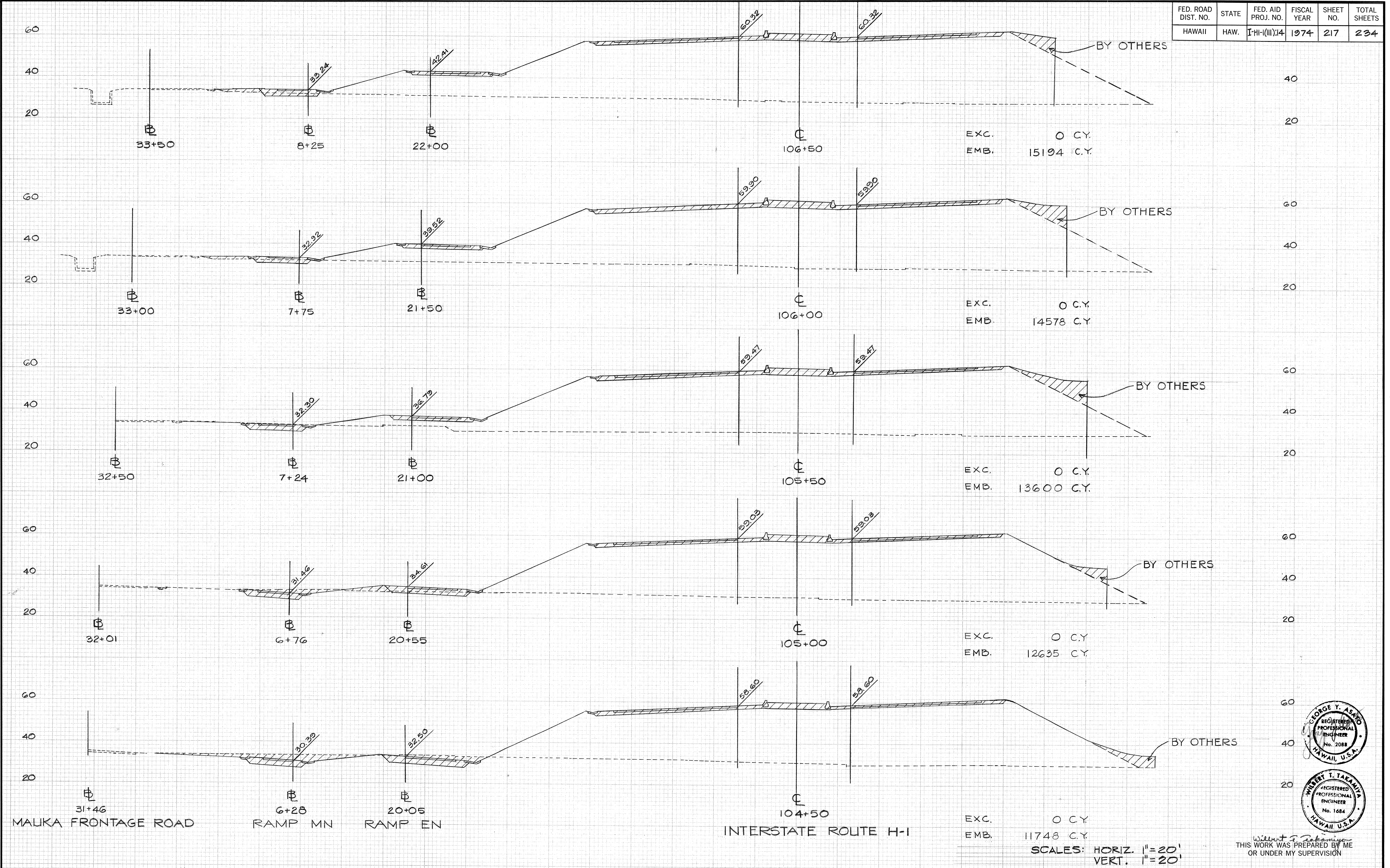


SHEET NO. 5 OF 23 SHEETS 216

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(III)14	1974	217	234

DATE	BY	NO.	AREAS CHECKED

DATE	BY	NO.	AREAS CHECKED

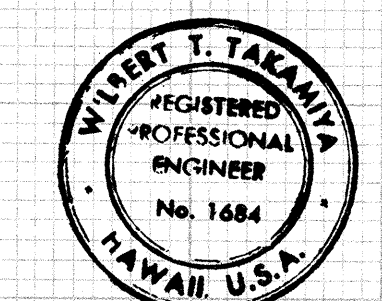
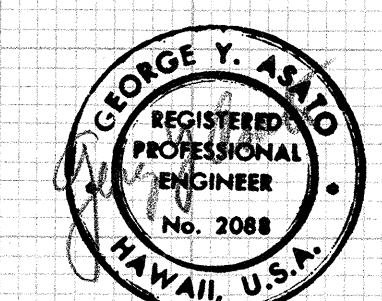
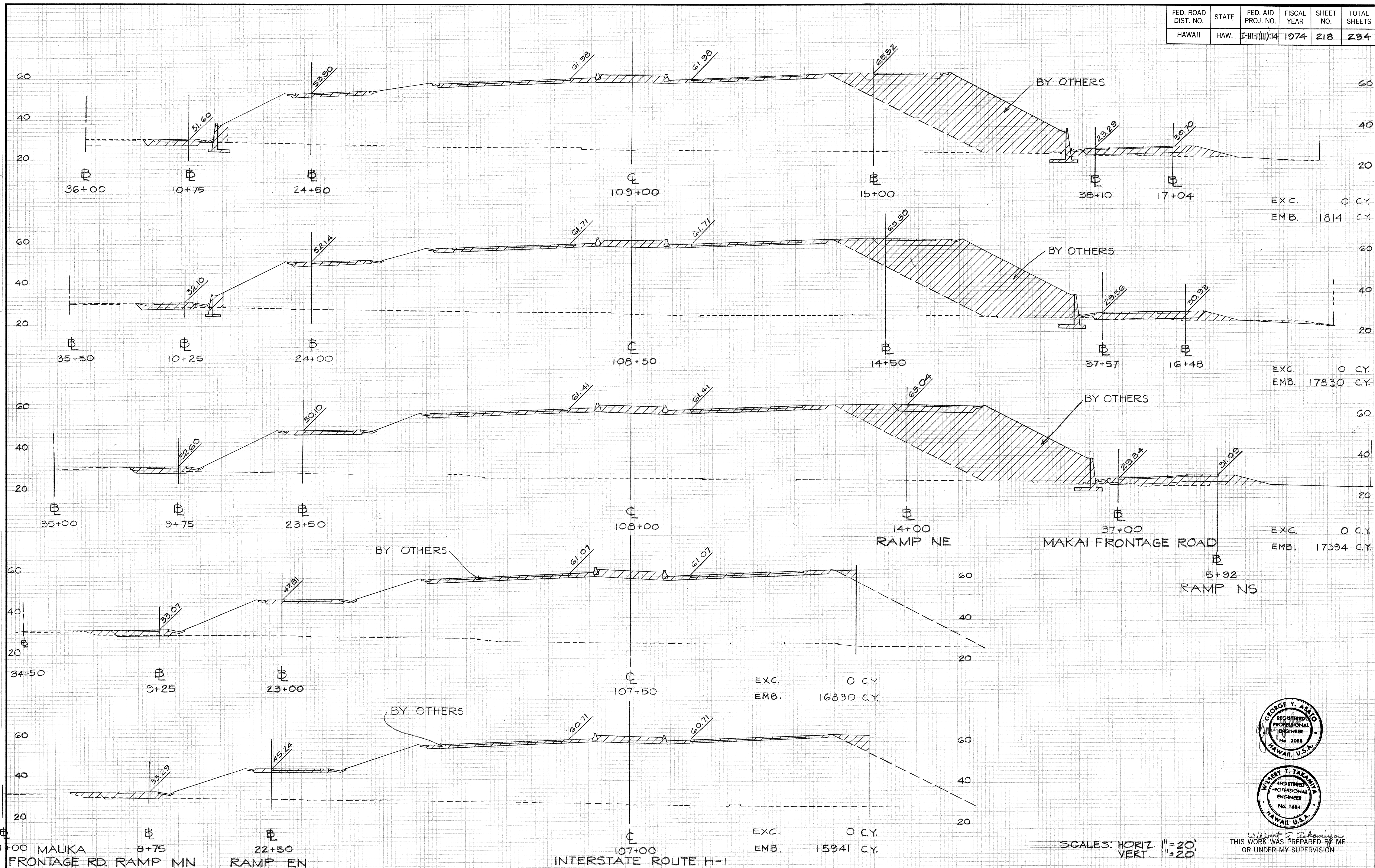


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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-III-1(III)-14	1974	218	234

FINAL SURVEY
NOTES BOOK
NO. _____

ORIGINAL SURVEY
NOTES BOOK
NO. _____



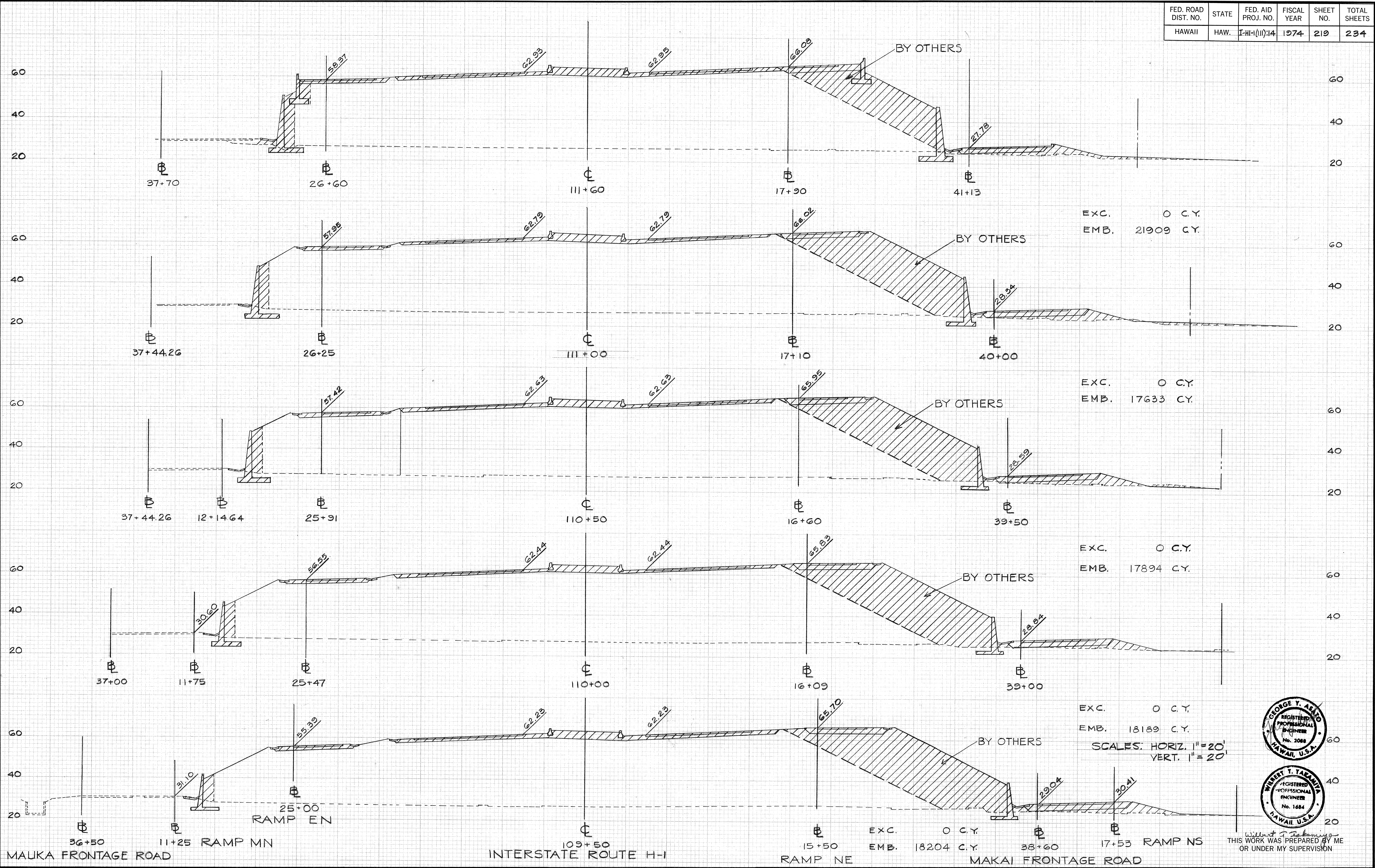
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

SCALES: HORIZ. 1"=20'
VERT. 1"=20'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(II)-14	1974	219	234

FINAL SURVEY
DATE: _____
BY: _____
SURVEYED: _____
PLOTTER: _____
CHECKED: _____
NOTES TO BE MADE: _____
AREAS CHECKED: _____
No. _____

ORIGINAL SURVEY
DATE: _____
BY: _____
SURVEYED: _____
PLOTTER: _____
CHECKED: _____
NOTES TO BE MADE: _____
AREAS CHECKED: _____
No. _____



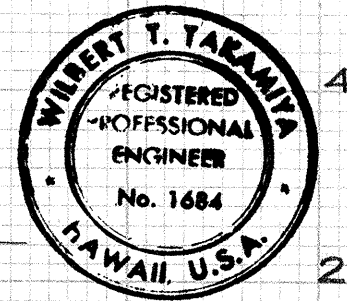
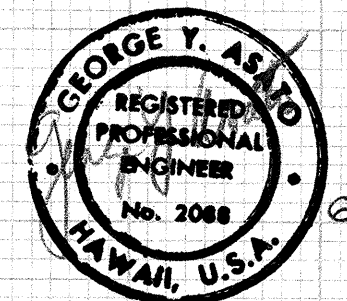
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EMB. 21909 C.Y.

EXC. 0 C.Y.
EMB. 17633 C.Y.

EXC. 0 C.Y.
EMB. 17894 C.Y.

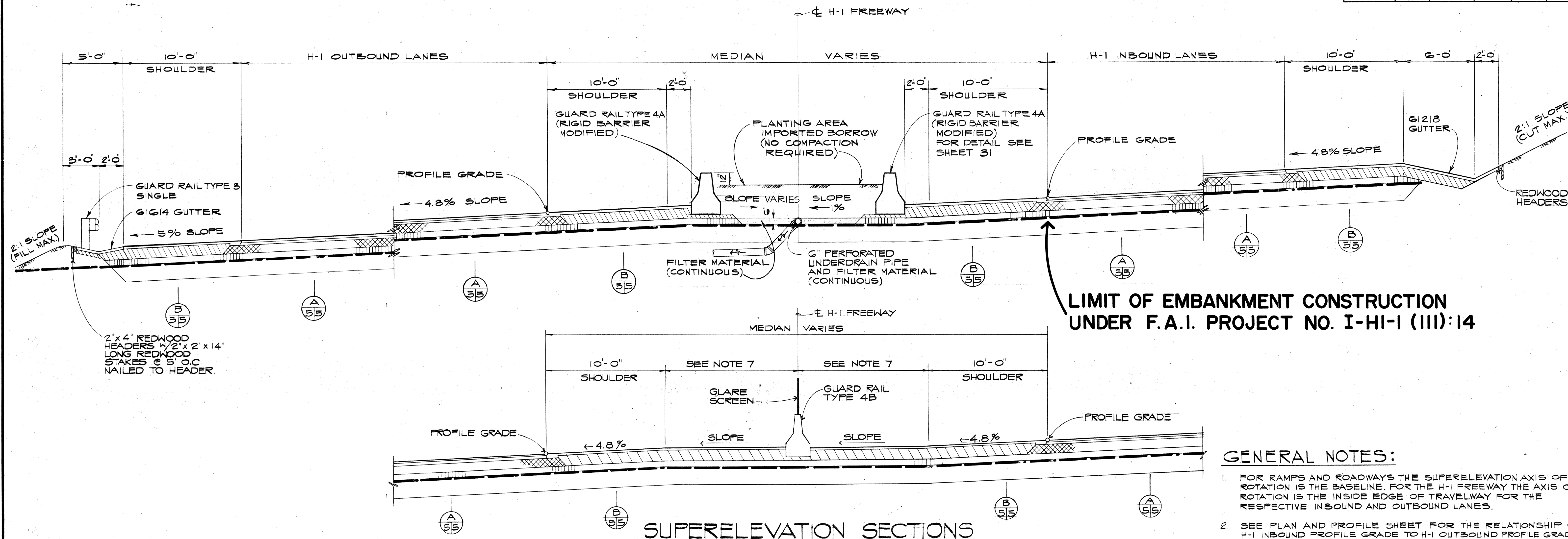
EXC. 0 C.Y.
EMB. 18169 C.Y.

SCALES: HORIZ. 1"=20'
VERT. 1"=20'



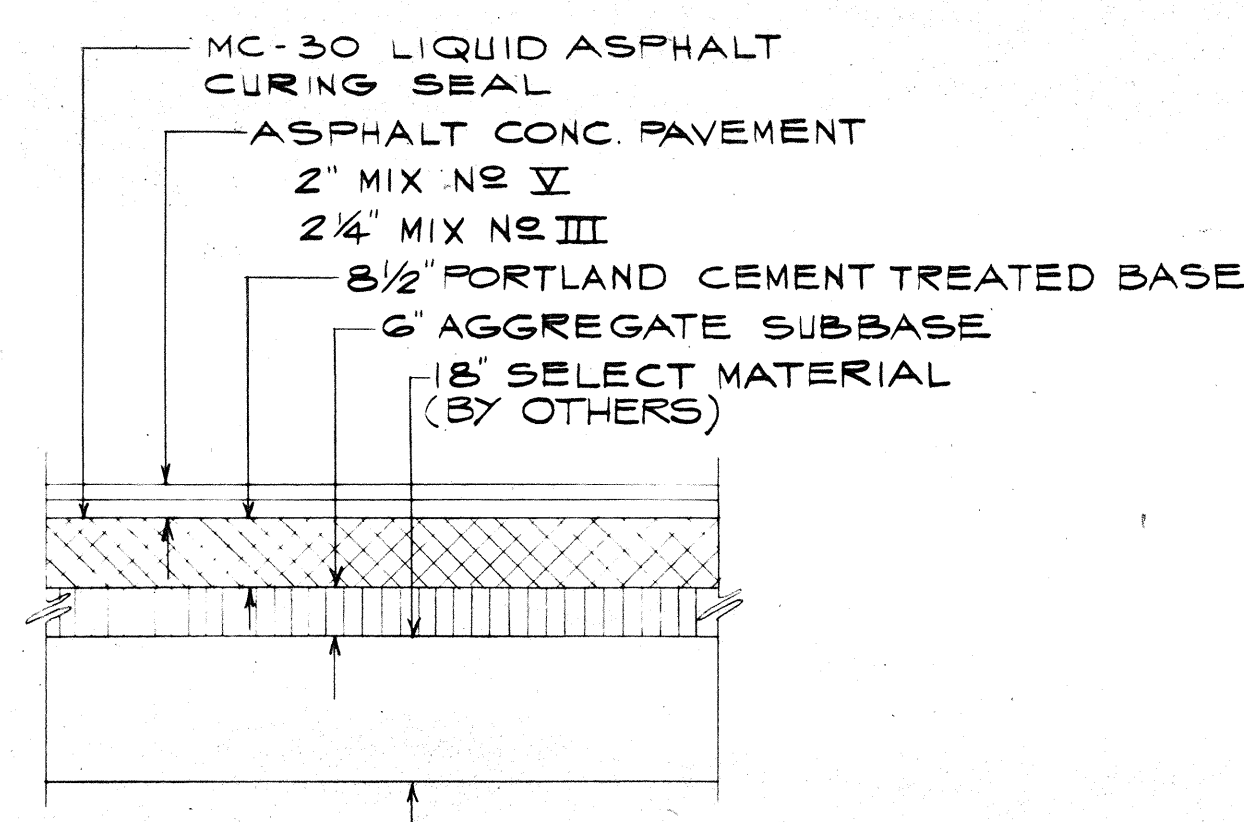
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OR UNDER MY SUPERVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(III):14	1974	220	234



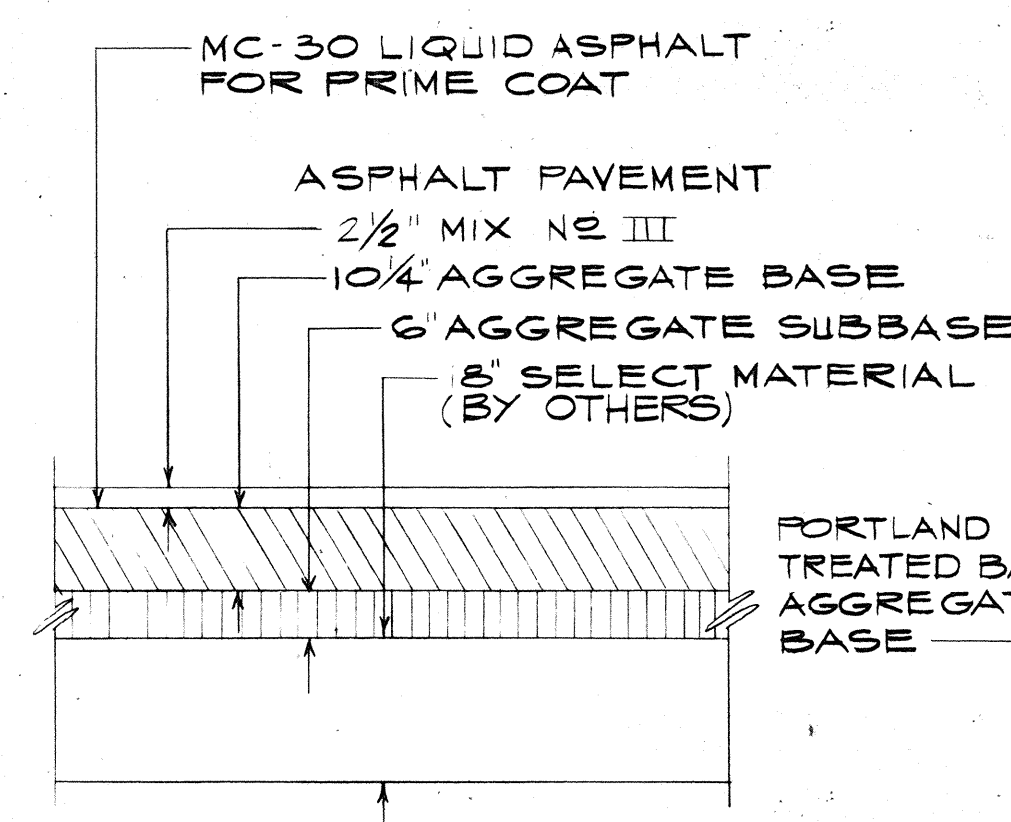
SUPERELEVATION SECTIONS

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



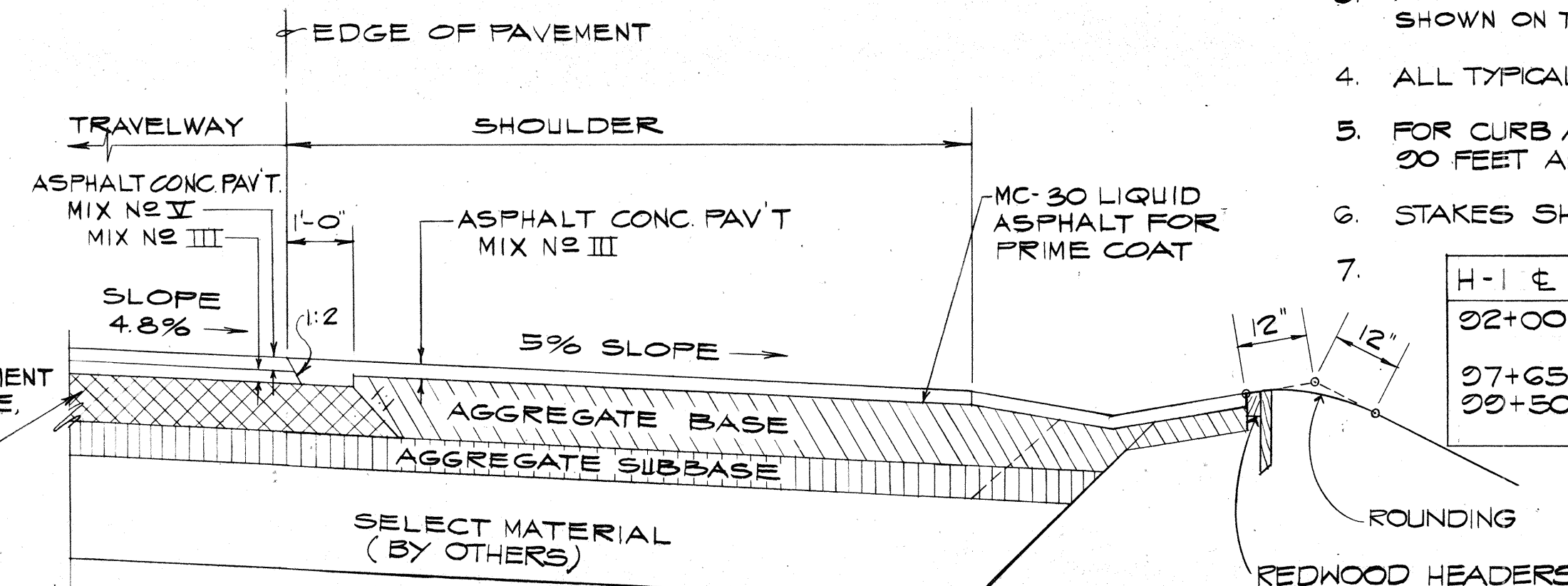
FREEWAY TRAVELWAY

SECTION **A**
SCALE: 1/2" = 1'-0"



FREEWAY SHOULDER

SECTION **B**
SCALE: 1/2" = 1'-0"



FREEWAY & RAMPS

TRAVELWAY/SHOULDER SECTION
SCALE: 1/2" = 1'-0"

GENERAL NOTES:

- FOR RAMPS AND ROADWAYS THE SUPERELEVATION AXIS OF ROTATION IS THE BASELINE. FOR THE H-1 FREEWAY THE AXIS OF ROTATION IS THE INSIDE EDGE OF TRAVELWAY FOR THE RESPECTIVE INBOUND AND OUTBOUND LANES.
- SEE PLAN AND PROFILE SHEET FOR THE RELATIONSHIP OF H-1 INBOUND PROFILE GRADE TO H-1 OUTBOUND PROFILE GRADE.
- PROFILE GRADES (BASELINE) FOR RAMPS AND ROADWAYS ARE SHOWN ON THE PLAN AND PROFILE SHEETS.
- ALL TYPICAL SECTIONS ARE IN THE DIRECTION OF TRAVEL.
- FOR CURB AND CURB AND GUTTER, SPACE EXPANSION JOINTS 20 FEET APART.
- STAKES SHALL BE INCIDENTAL TO REDWOOD HEADERS.

H-1 & STA.	SLOPE OF MEDIAN SECTION
92+00 TO 97+65	1% FOR OUTBOUND MEDIAN AND 2% FOR INBOUND MEDIAN.
97+65 TO 99+50	TRANSITION SLOPES
99+50 TO 115+00	4.8% FOR OUTBOUND AND INBOUND MEDIANS.

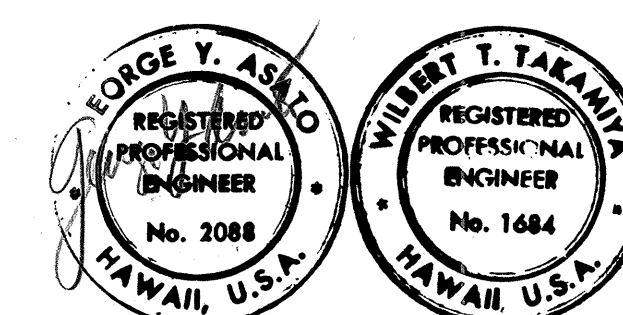
THIS SHEET FOR INFORMATION ON EMBANKMENT CONSTRUCTION ONLY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

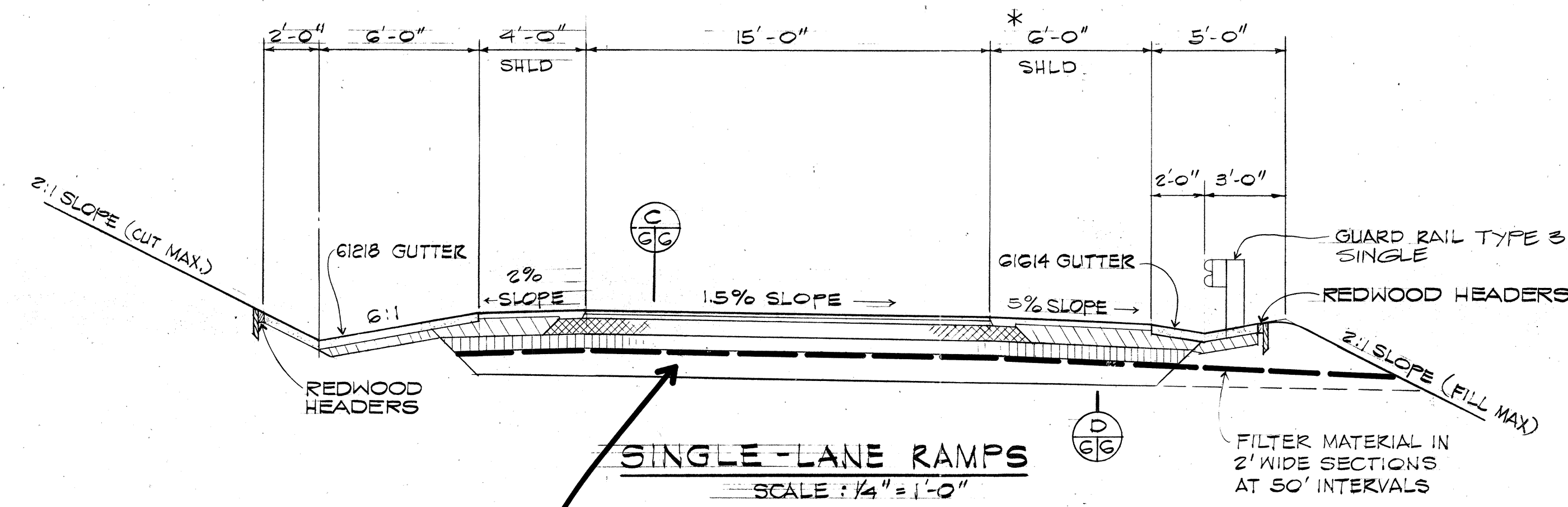
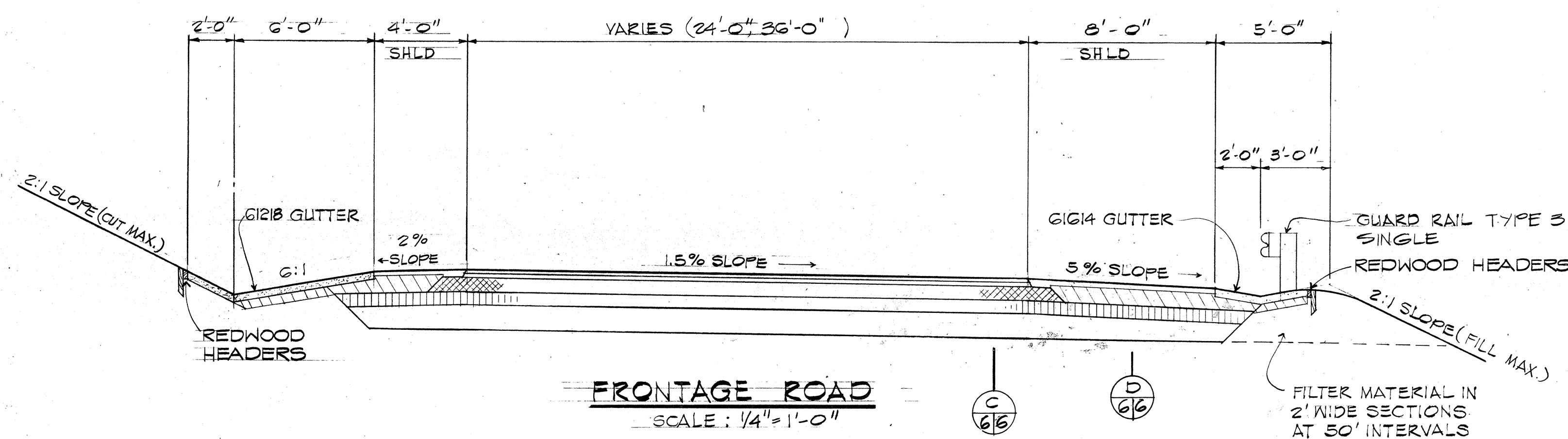
PEARL HARBOR INTERCHANGE
F.A.I. Proj No. I-HI-1(III):14

Scale: As Shown Date: DEC. 14, 1973
SHEET NO. 2 OF 23 SHEETS

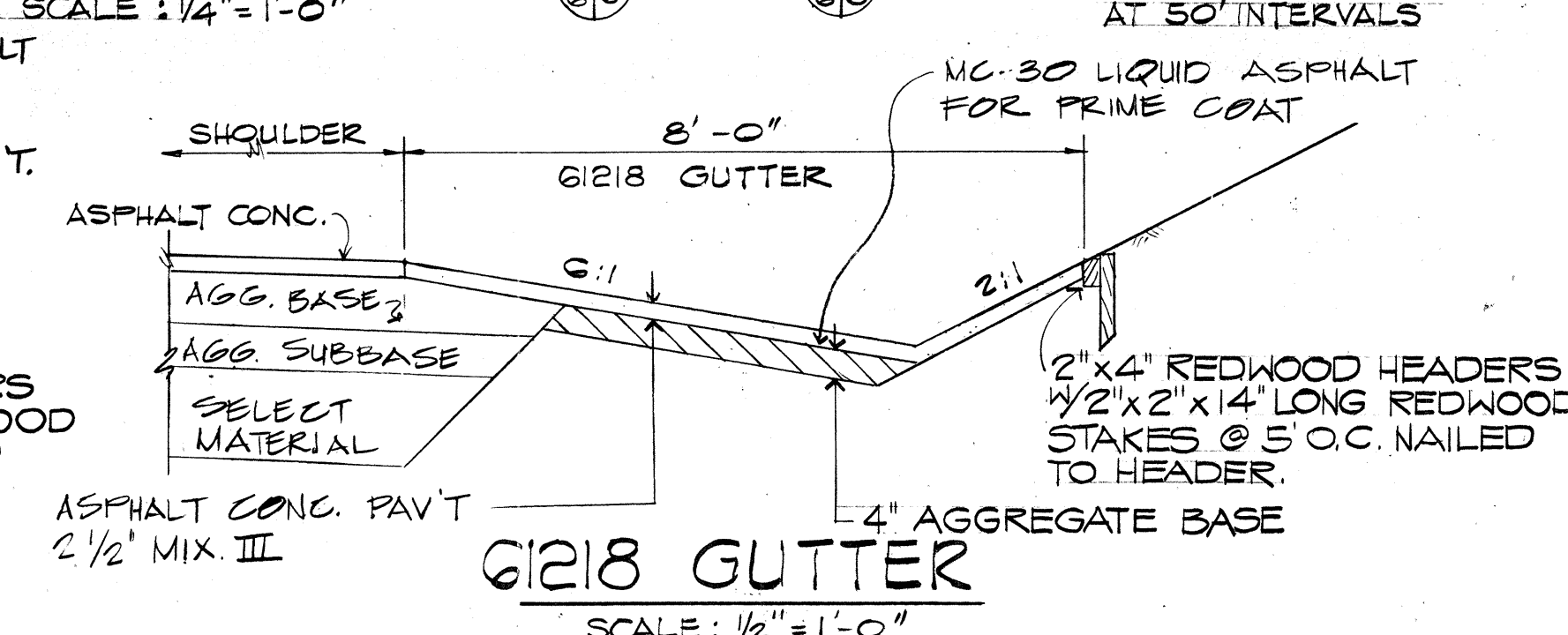
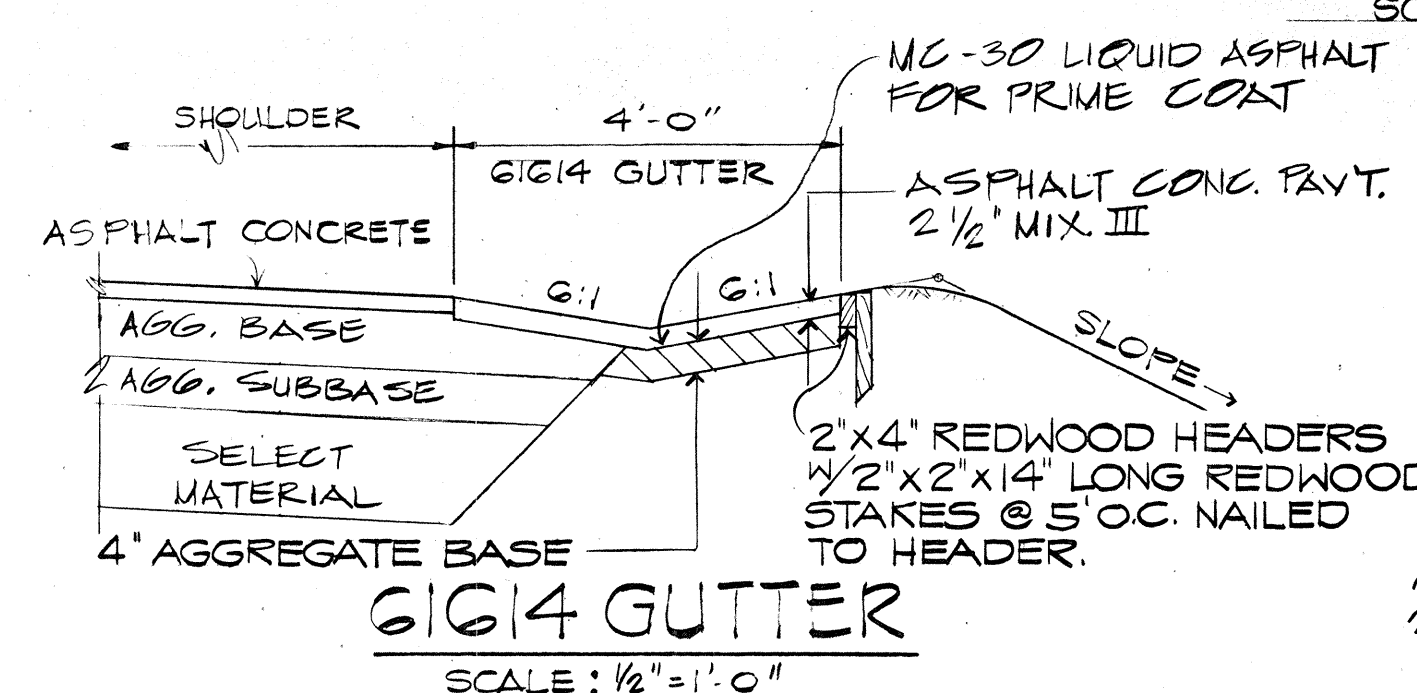
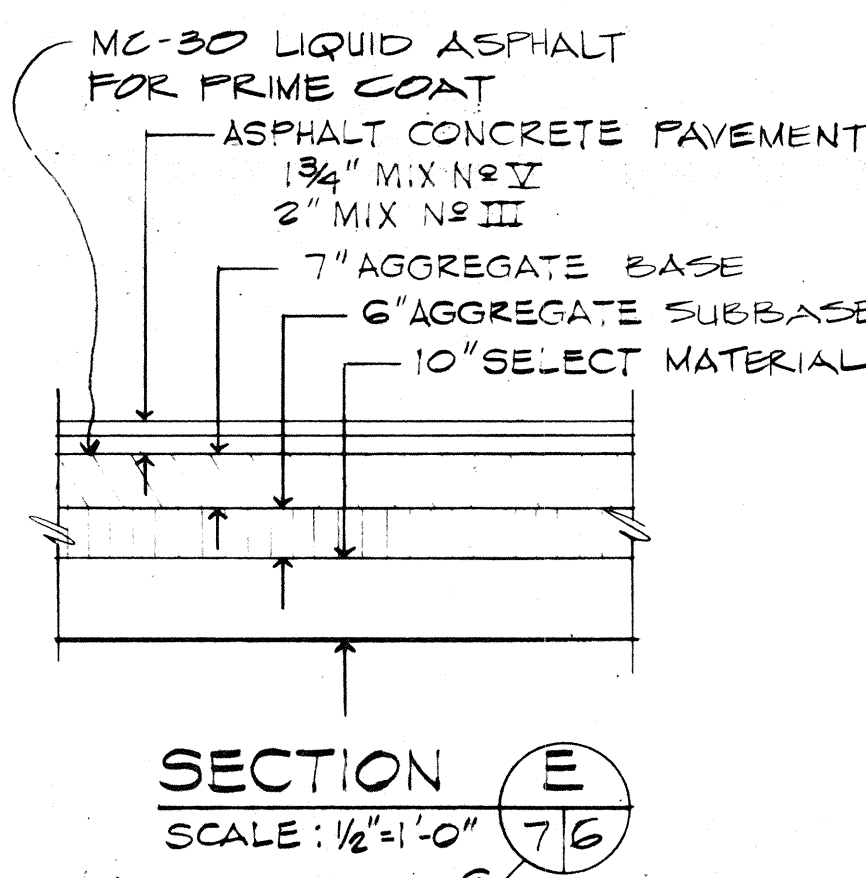
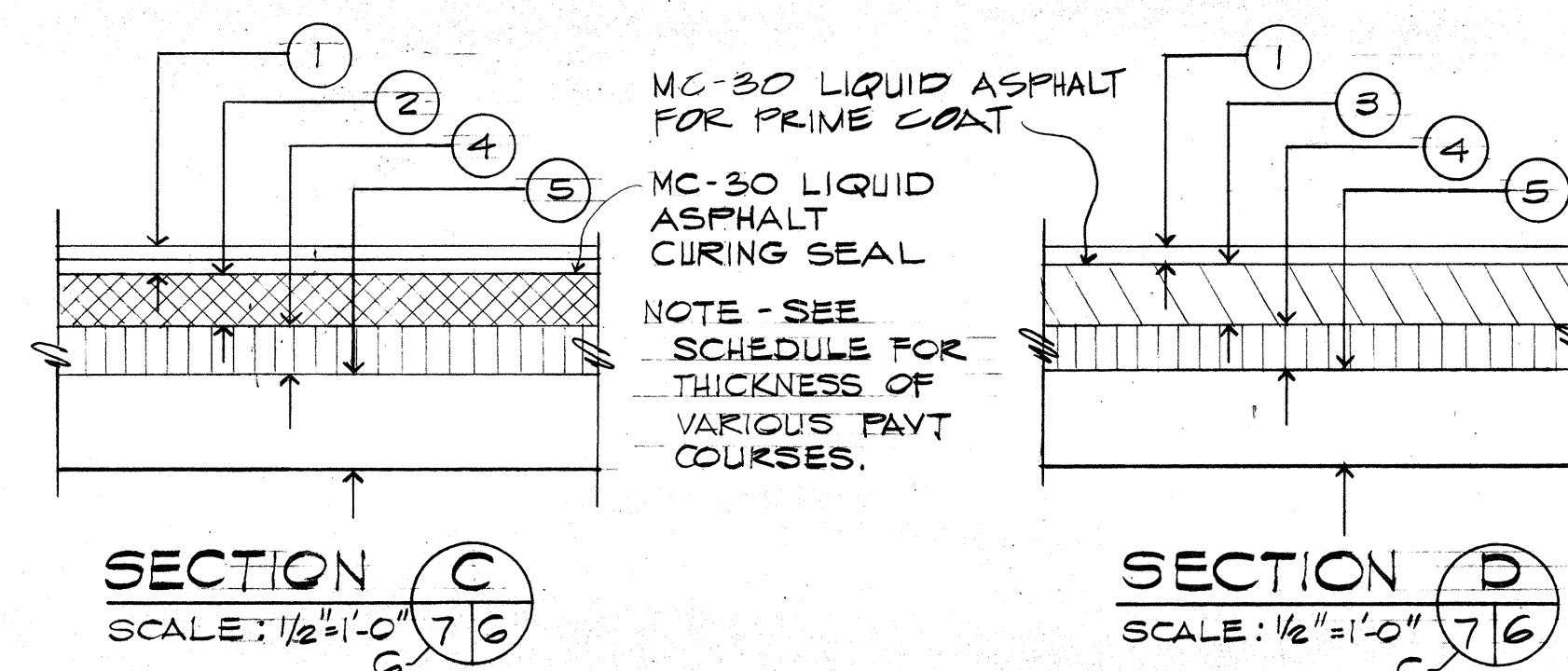
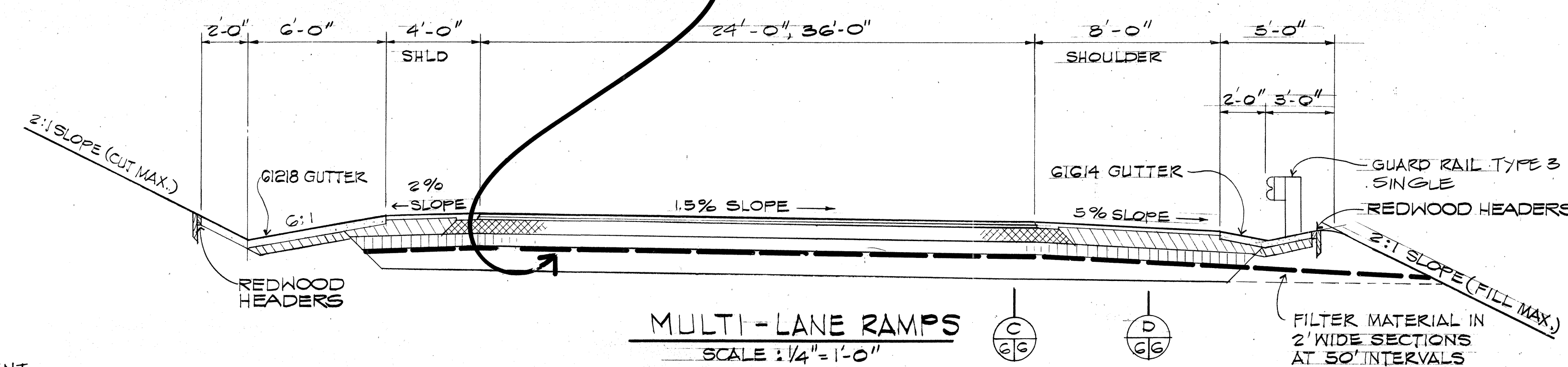
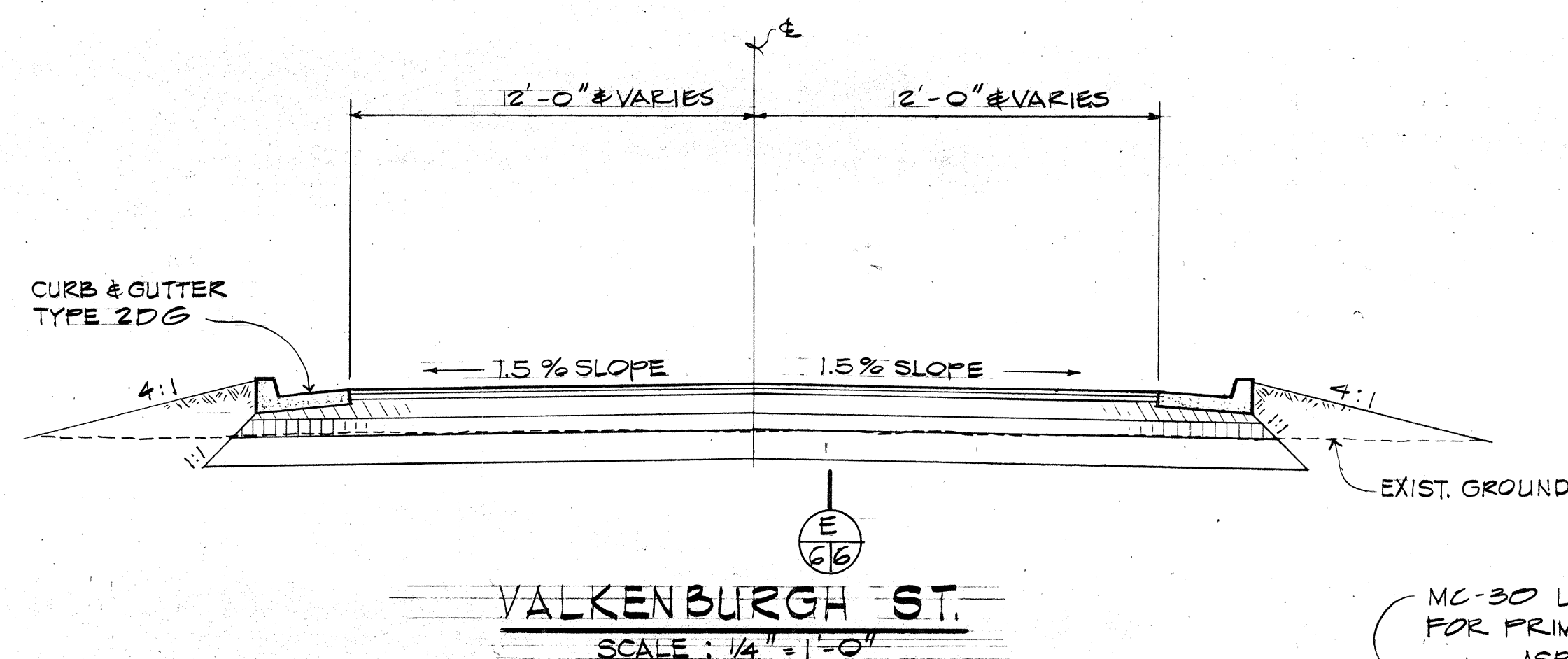


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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (III) 14	1974	221	234

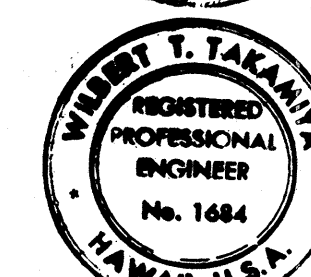
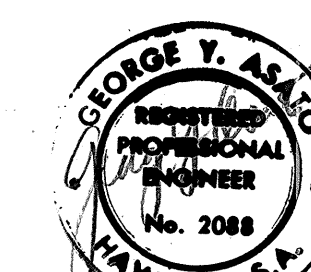


LIMIT OF EMBANKMENT CONSTRUCTION UNDER F.A.I. PROJECT NO. I-HI-1 (III) 14



PAVEMENT THICKNESS SCHEDULE		①	②	③	④	⑤
ROAD		ASPHALT CONC. PAYT. MIX N° II	PORTLAND CEMENT TREATED BASE	AGGREGATE BASE	AGGREGATE SUBBASE	SELECT MATERIAL
FRONTAGE ROAD ALL MULTI-LANE RAMPS & RAMP KE	TRAVELWAY	1 3/4"	2"	7"	6"	13"
	SHOULDER	2 1/2"		8 1/4"	6"	13"
RAMPS - WS, NS & MN	TRAVELWAY	1 3/4"	1 3/4"	6"	6"	13"
	SHOULDER	2 1/2"		7 1/2"	6"	13"
RAMP KN	TRAVELWAY	1 1/2"	1 1/2"	6"	6"	13"
	SHOULDER	2 1/2"		6 3/4"	6"	13"

NOTE: 1. SELECT MATERIAL NOT REQUIRED ON RAMPS EN STA. 17+00 TO 19+00
MN STA. 0+00 TO 5+00
2. FOR RAMP MN USE 6 1/2"



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EMBANKMENT CONSTRUCTION ONLY**

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

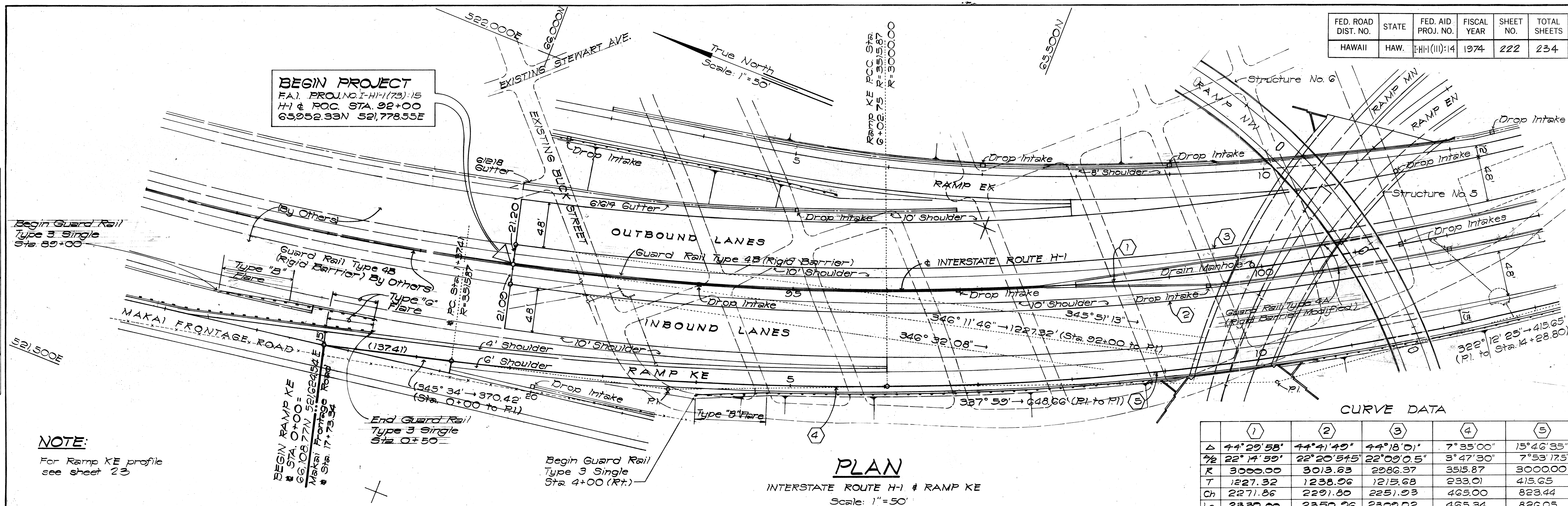
TYPICAL ROADWAY SECTIONS

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

Scale: As Shown Date: DEC. 14, 1973
SHEET NO. 10 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HH-1114	1974	222	234

BEGIN PROJECT
 F.A.I. PROJ. NO. I-H-1(73)-15
 H-1 & R.O.C. STA. 92+00
 65,952.33N 521,778.55E

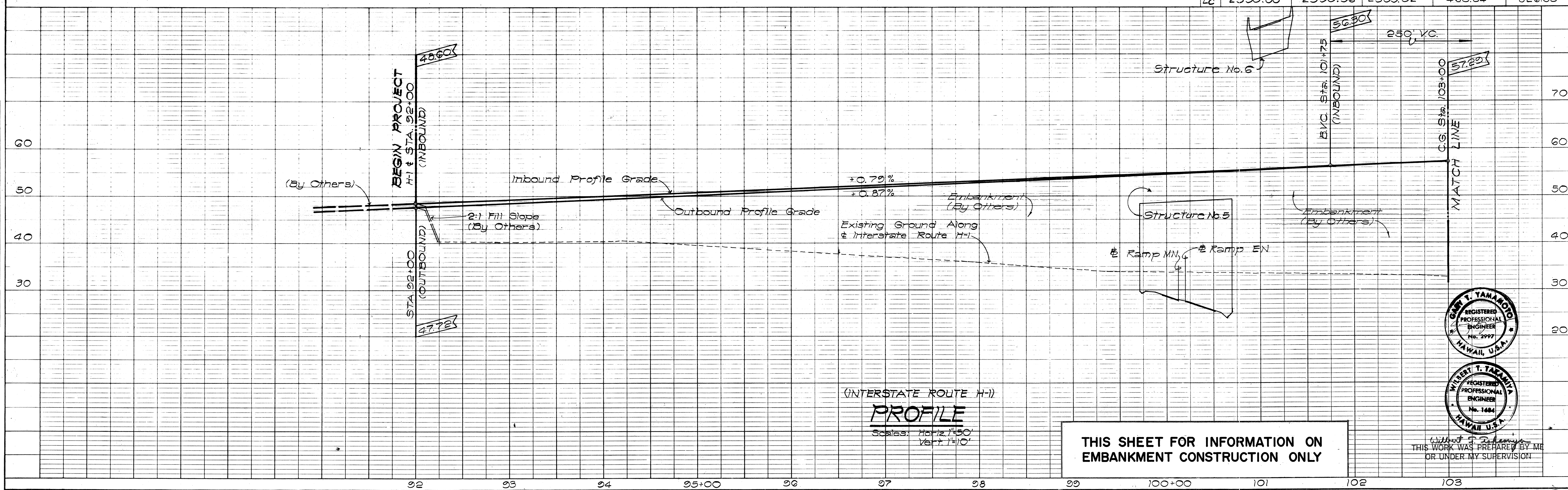


PLAN
 INTERSTATE ROUTE H-1 & RAMP KE
 Scale: 1"=50'

CURVE DATA

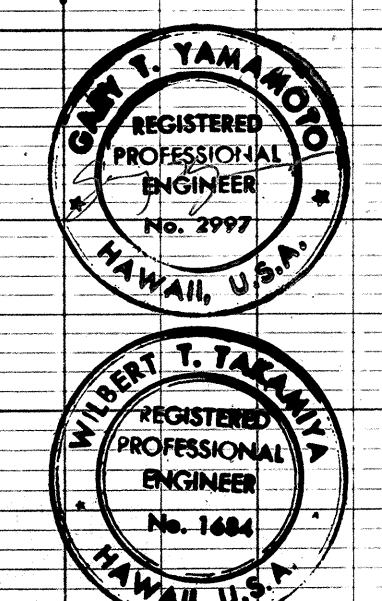
	(1)	(2)	(3)	(4)	(5)
Δ	44°29'58"	44°41'49"	44°18'01"	7°35'00"	15°46'35"
72	22°14'59"	22°20'54.5"	22°09'0.5"	3°47'30"	7°53'17.5"
R	3000.00	3013.63	2982.37	3515.87	3000.00
T	1227.32	1238.06	1215.68	233.01	415.65
Ch	2271.86	2291.80	2251.93	463.00	823.44
LC	2330.00	2350.96	2300.02	465.34	826.05

NOTE:
 For Ramp KE profile see sheet 23



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

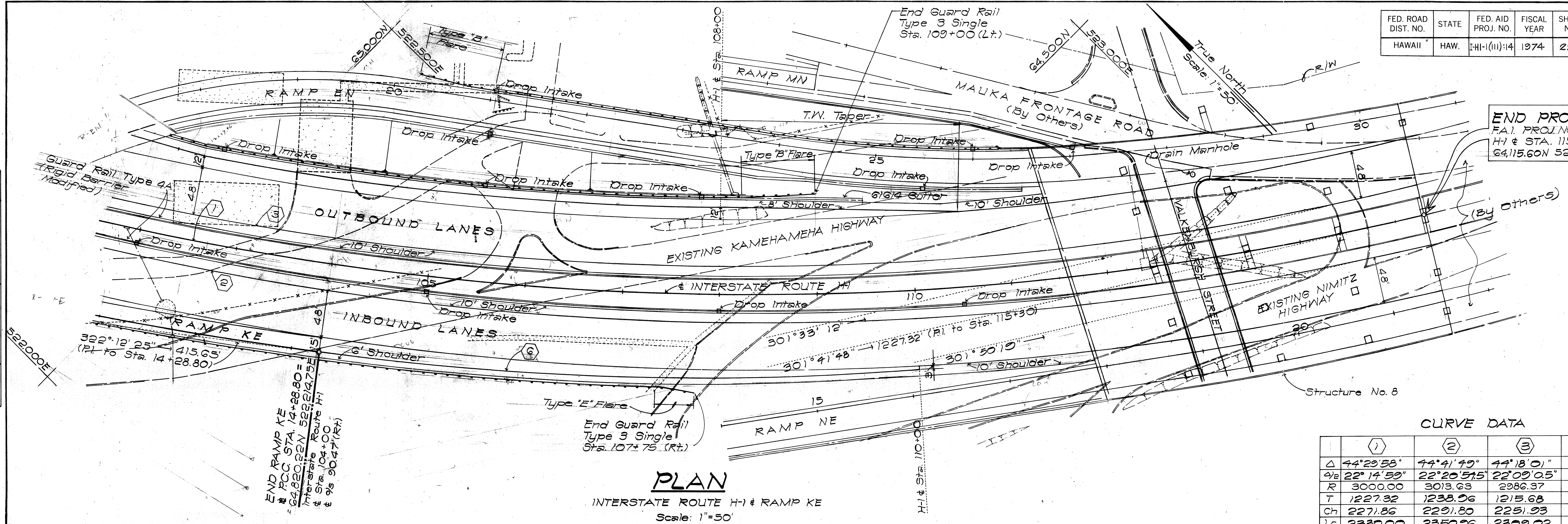
THIS SHEET FOR INFORMATION ON EMBANKMENT CONSTRUCTION ONLY



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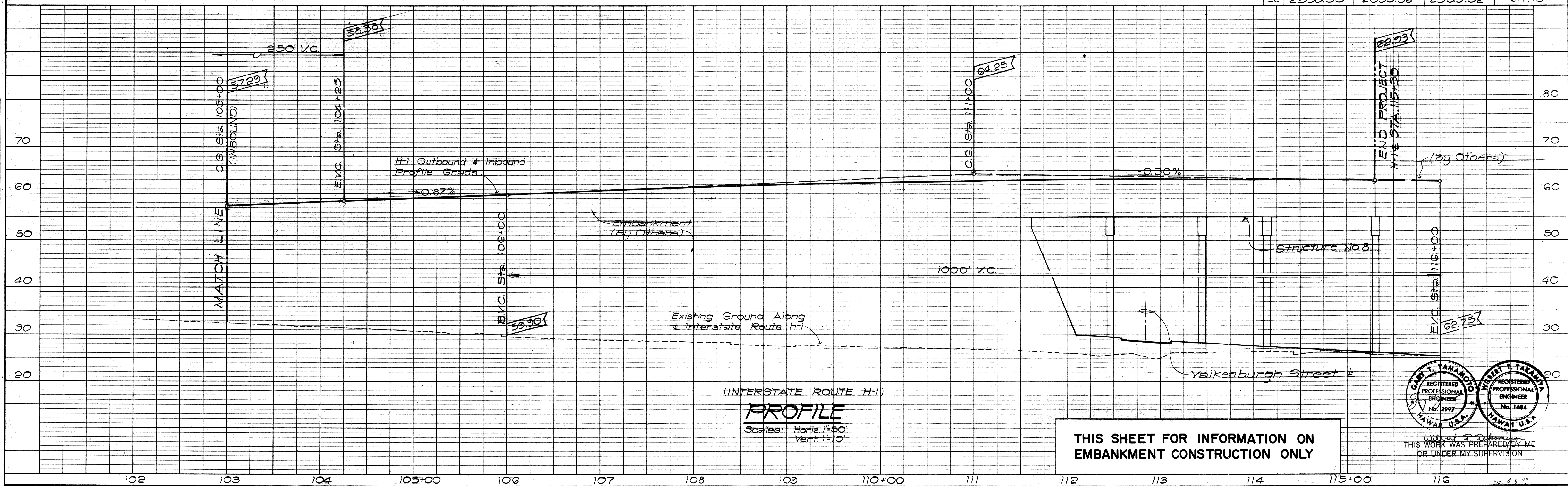
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(111)-14	1974	223	234

END PROJECT
 F.A.I. PROJ. NO. I-HI-1(73)-15
 H-1 & STA. 115+30
 64,115.60N 523,115.64E



CURVE DATA

	(1)	(2)	(3)	(6)
Δ	44°29'58"	44°41'49"	44°18'01"	11°05'25"
$\Delta/2$	22°14'59"	22°20'54.5"	22°09'00.5"	5°32'42.5"
R	3000.00	3013.63	2986.37	3188.97
T	1227.32	1238.06	1215.68	309.54
Ch	2271.86	2291.80	2251.93	616.18
Lc	2330.00	2350.96	2309.02	617.15



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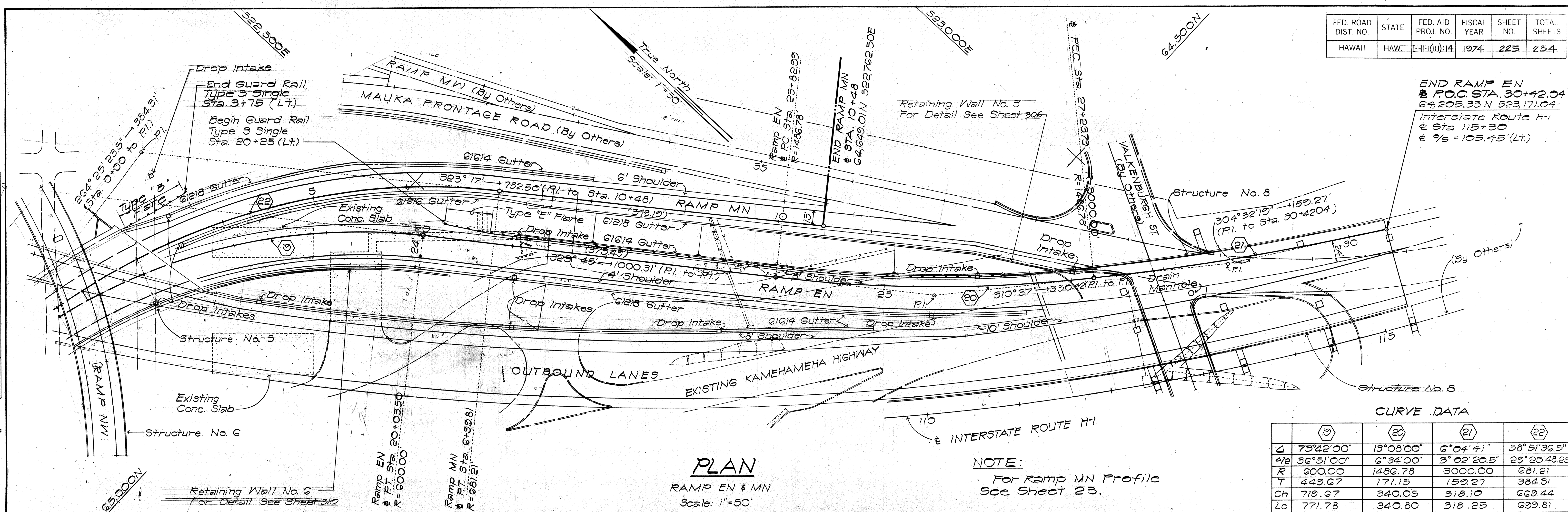
REGISTERED PROFESSIONAL ENGINEER
 CARL T. YAMAMOTO
 No. 2997
 HAWAII, U.S.A.

REGISTERED PROFESSIONAL ENGINEER
 CARL T. YAMAMOTO
 No. 1684
 HAWAII, U.S.A.

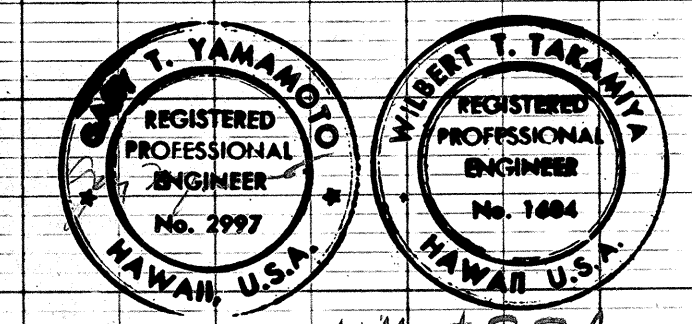
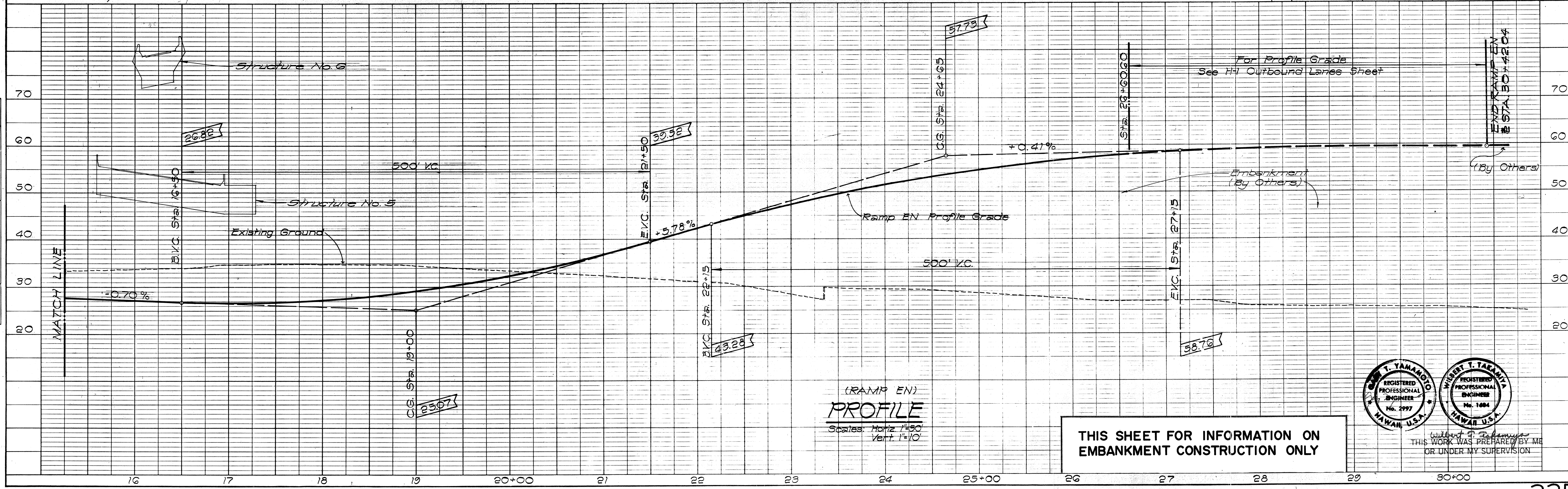
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H(11)-14	1974	225	234

PLAN	SURVEYED	DATE
	NOTE BOOK NO.	
PLAN	ALIGNMENT CHECKED	DATE
	RT. OF WAY CHECKED	

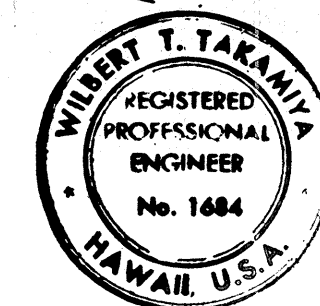
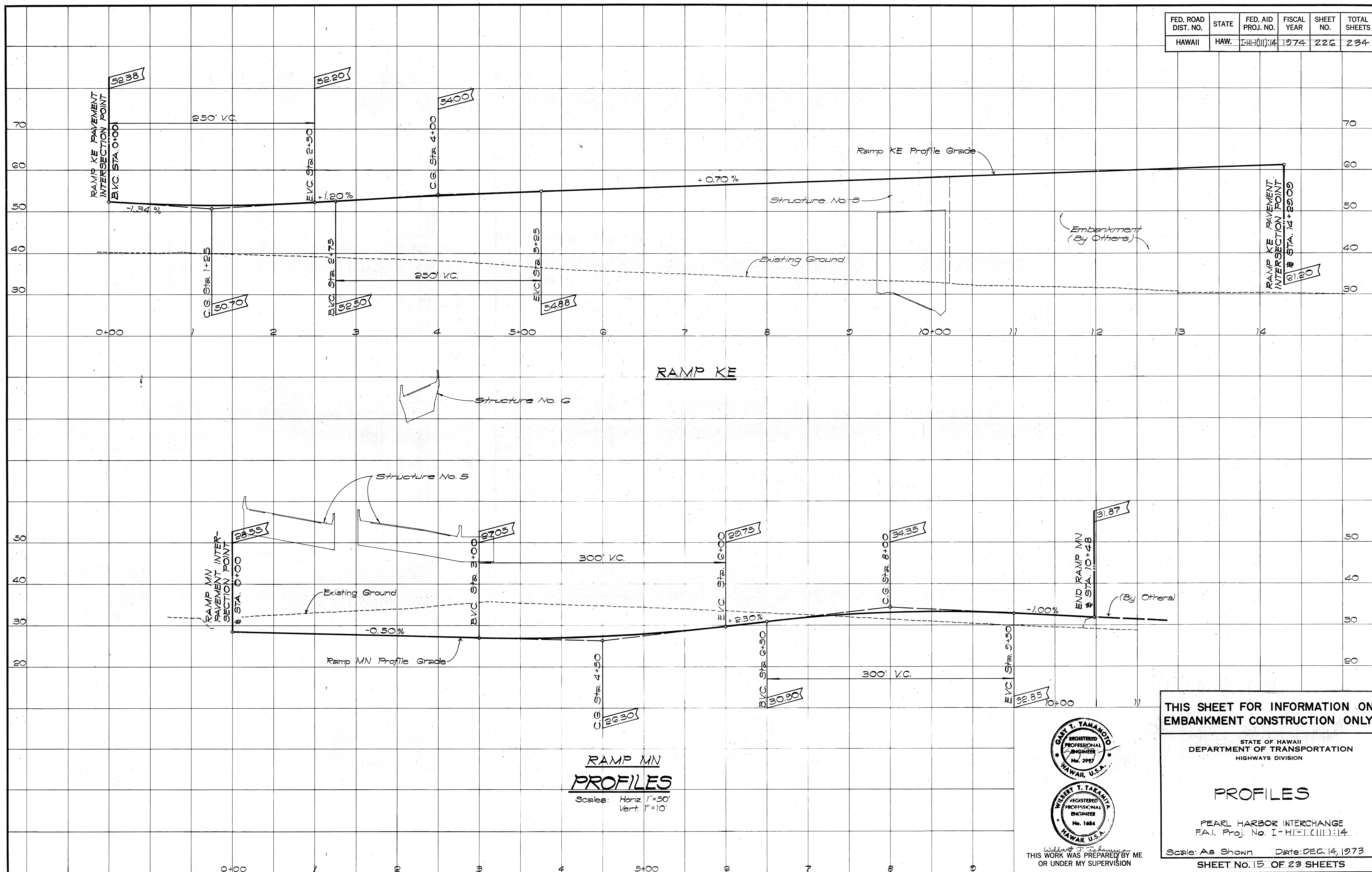


PROFILE	SURVEYED	DATE
	NOTE BOOK NO.	
PROFILE	GRADES CHECKED	DATE
	STRUCTURE NOTATIONS CHKD	



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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-E(III)-14	1974	226	234



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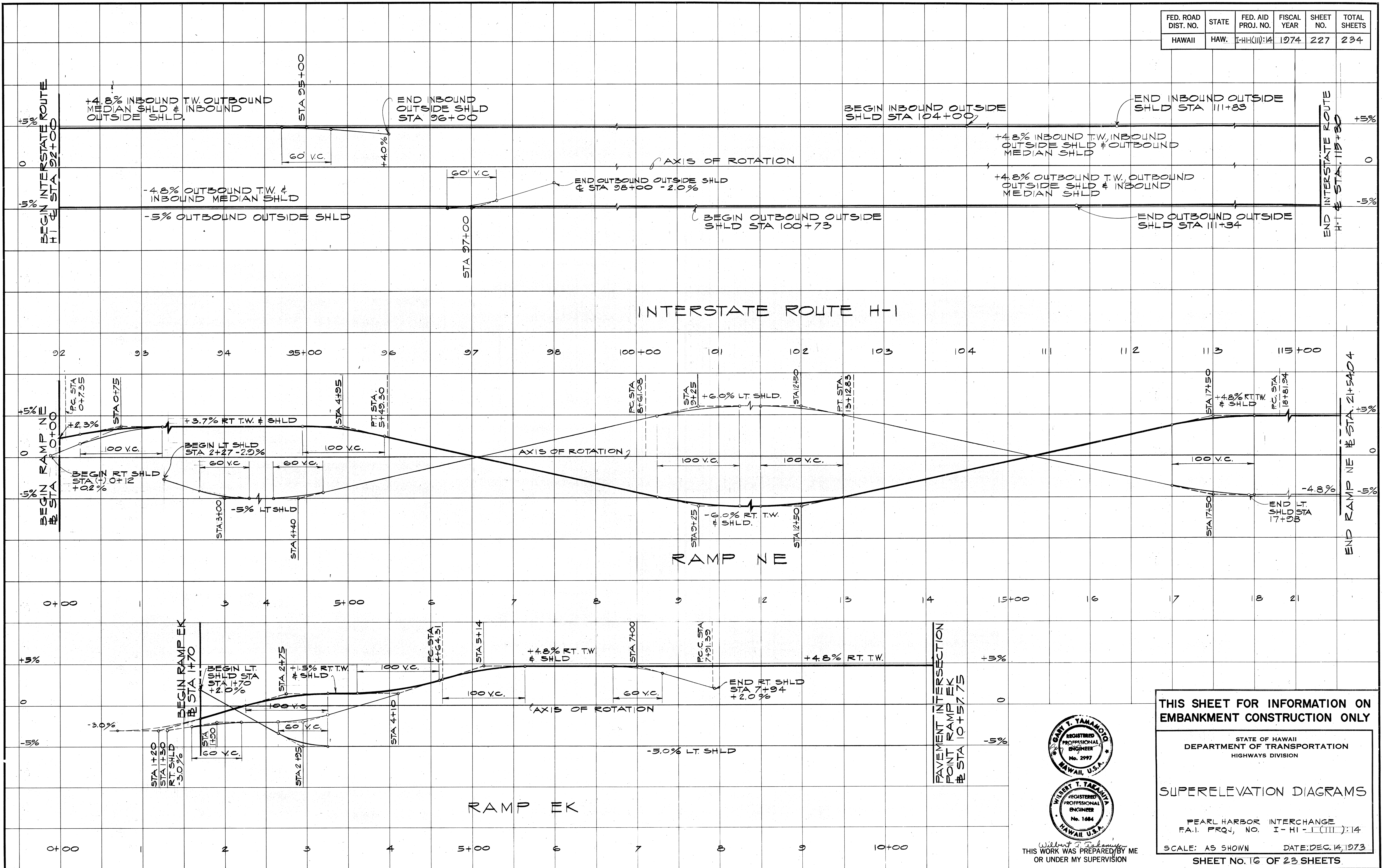
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILES

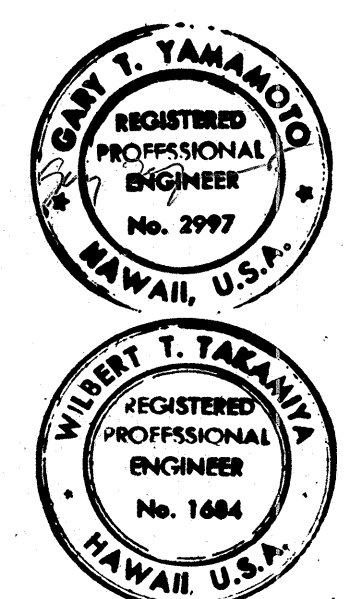
PEARL HARBOR INTERCHANGE
F.A.I. Proj. No. I-HI-E(III)-14

Scale: As Shown Date: DEC. 14, 1973
SHEET NO. 15 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HH(III):14	1974	227	234



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



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OR UNDER MY SUPERVISION

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAMS

PEARL HARBOR INTERCHANGE
F.A.I. PROJ. NO. I-HH-III:14

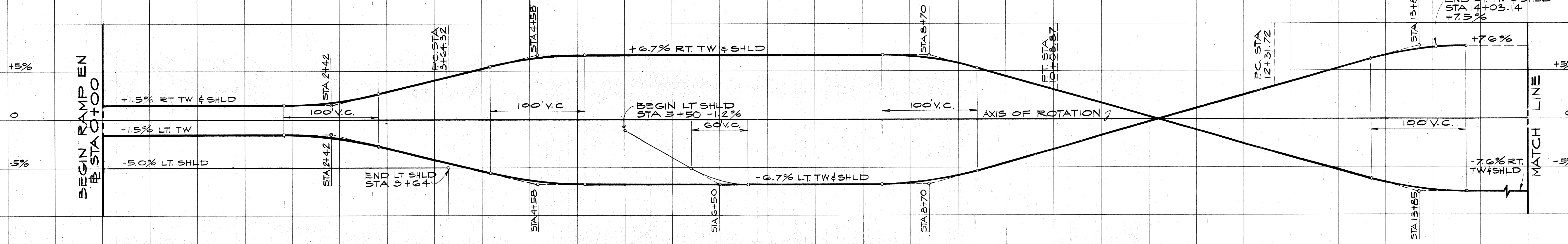
SCALE: AS SHOWN DATE: DEC. 14, 1973

SHEET NO. 16 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(III)-14	1974	228	234

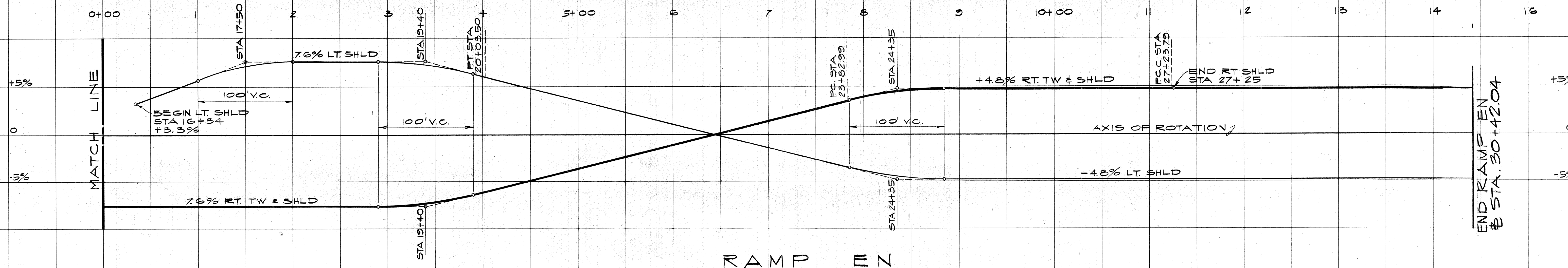
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STA 0+00

MATCH LINE



MATCH LINE

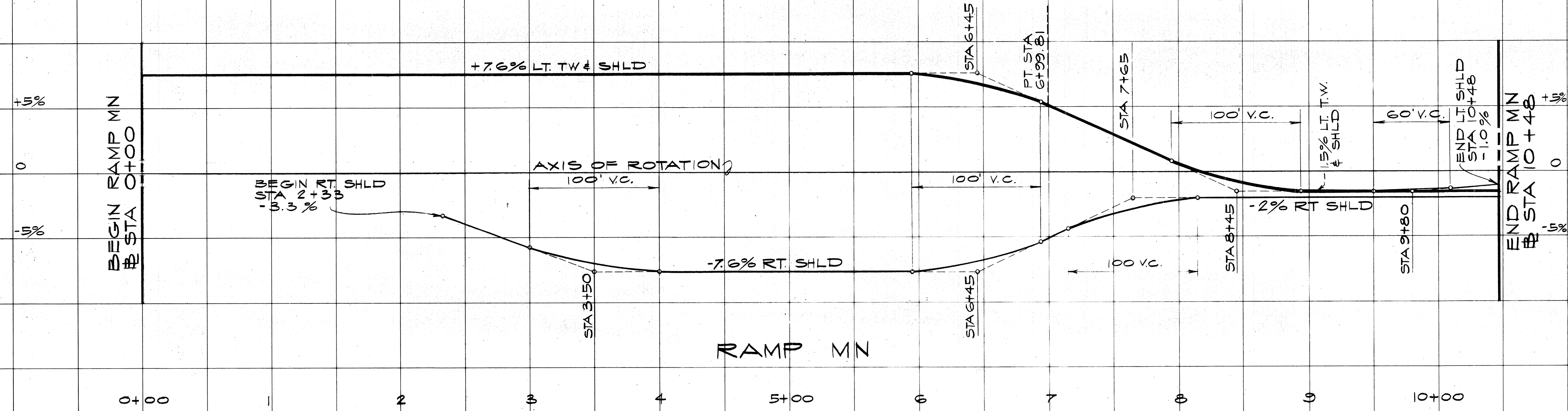
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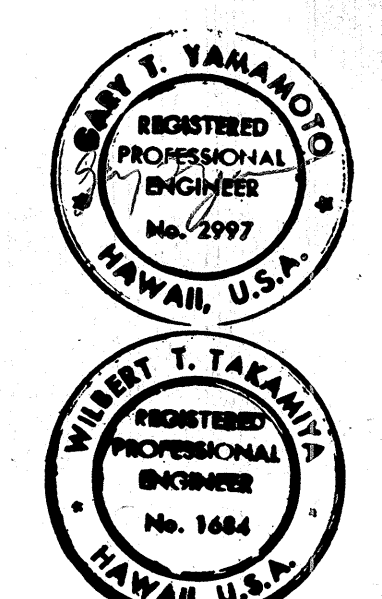
RAMP MN

BEGIN RAMP MN
STA 0+00

END RAMP MN
STA 10+48



RAMP MN



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OR UNDER MY SUPERVISION

THIS SHEET FOR INFORMATION ON
EMBANKMENT CONSTRUCTION ONLY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

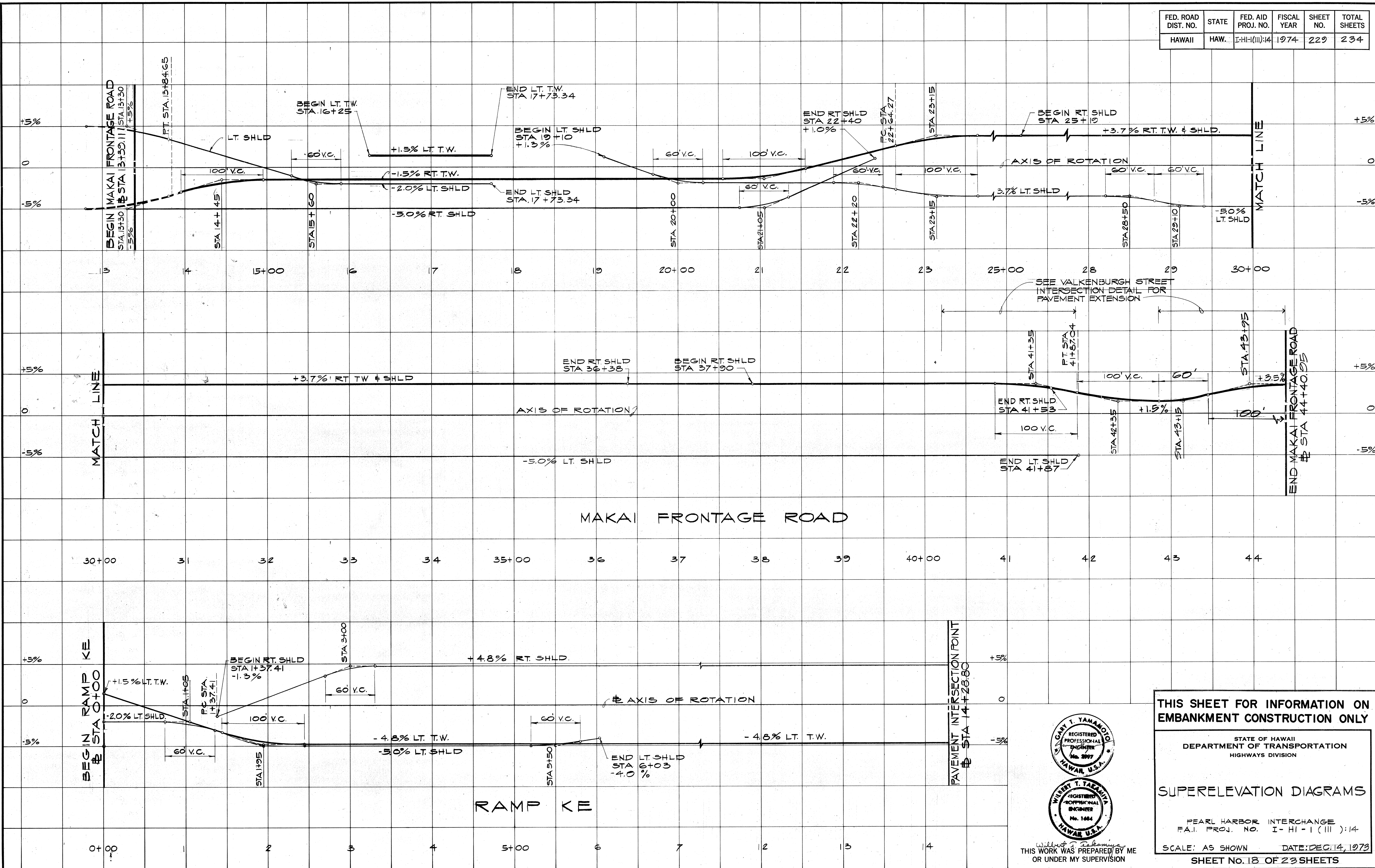
SUPERELEVATION DIAGRAMS

PEARL HARBOR INTERCHANGE
F.A.I. PROJ. NO. I-H-1(III)-14

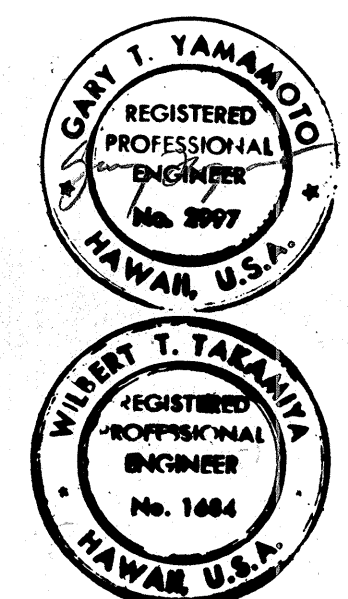
SCALE: AS SHOWN DATE: DEC. 14, 1973

SHEET NO. 17 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(III)-14	1974	229	234



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

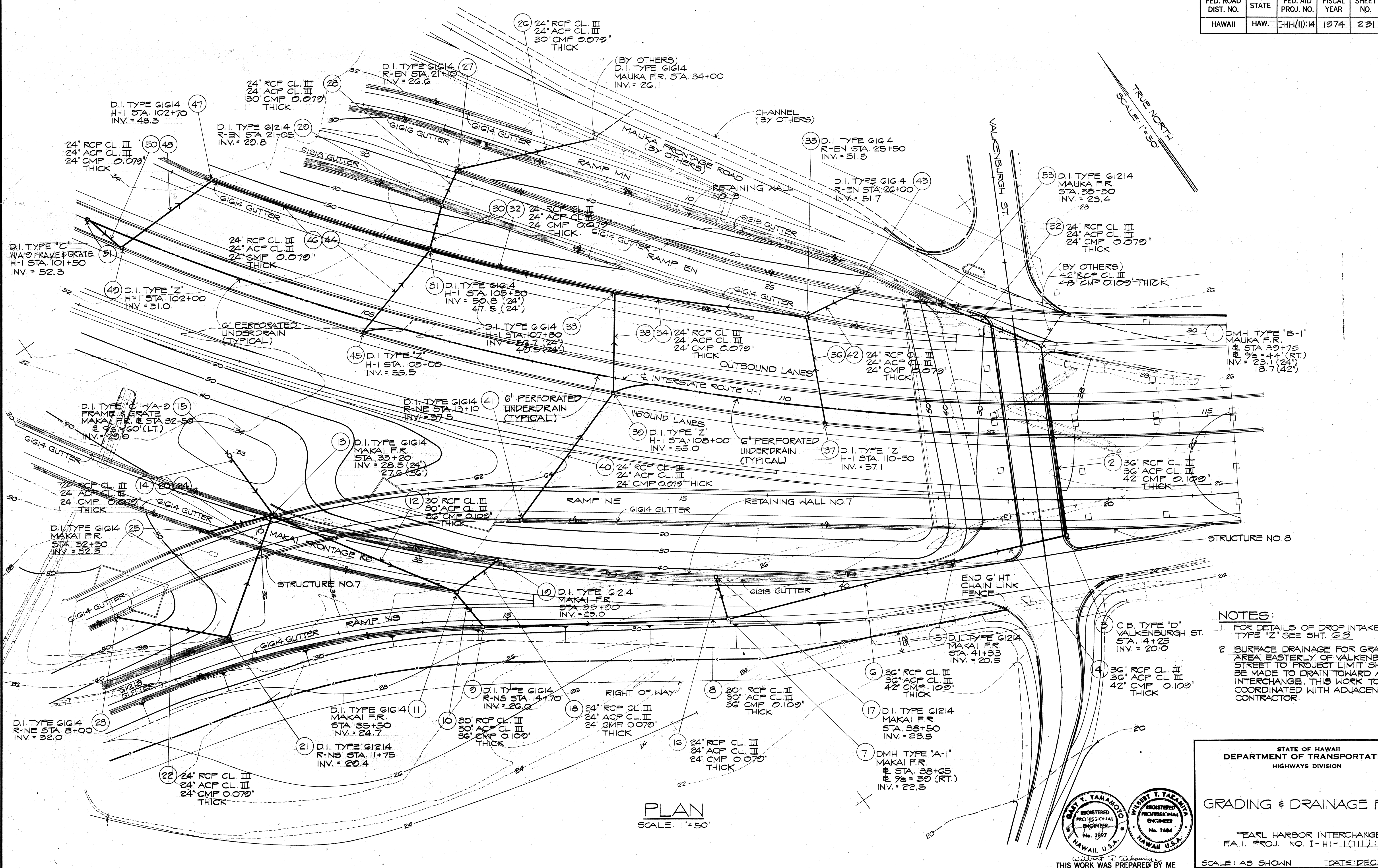
SUPERELEVATION DIAGRAMS

PEARL HARBOR INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(III)-14

SCALE: AS SHOWN DATE: DEC. 14, 1973

SHEET NO. 18 OF 23 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(III):14	1974	23	234



DATE	1974
SURVEY PLOTTED BY	W. T. YAMAMOTO
PLAN	W. T. YAMAMOTO
DESIGNED BY	W. T. YAMAMOTO
NOTE BOOK	W. T. YAMAMOTO
QUANTITIES BY	W. T. YAMAMOTO
CHECKED BY	W. T. YAMAMOTO
No.	23

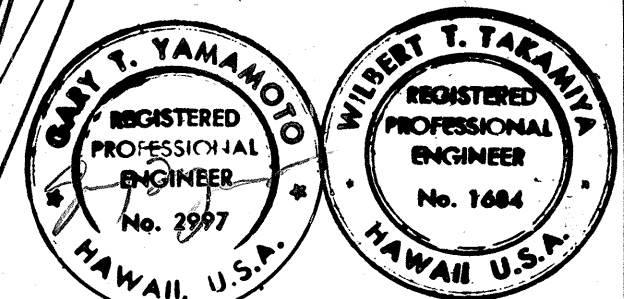
- NOTES:
- FOR DETAILS OF DROP INTAKE TYPE "Z" SEE SHT. 63
 - SURFACE DRAINAGE FOR GRADED AREA EASTERLY OF VALKENBURGH STREET TO PROJECT LIMIT SHALL BE MADE TO DRAIN TOWARD AIRPORT INTERCHANGE. THIS WORK TO BE COORDINATED WITH ADJACENT CONTRACTOR.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING & DRAINAGE PLAN

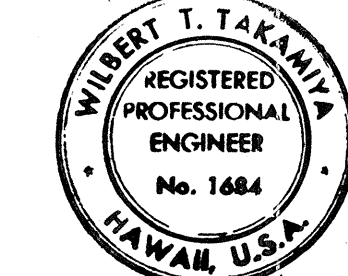
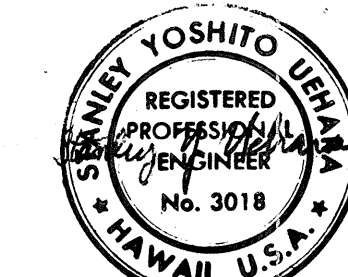
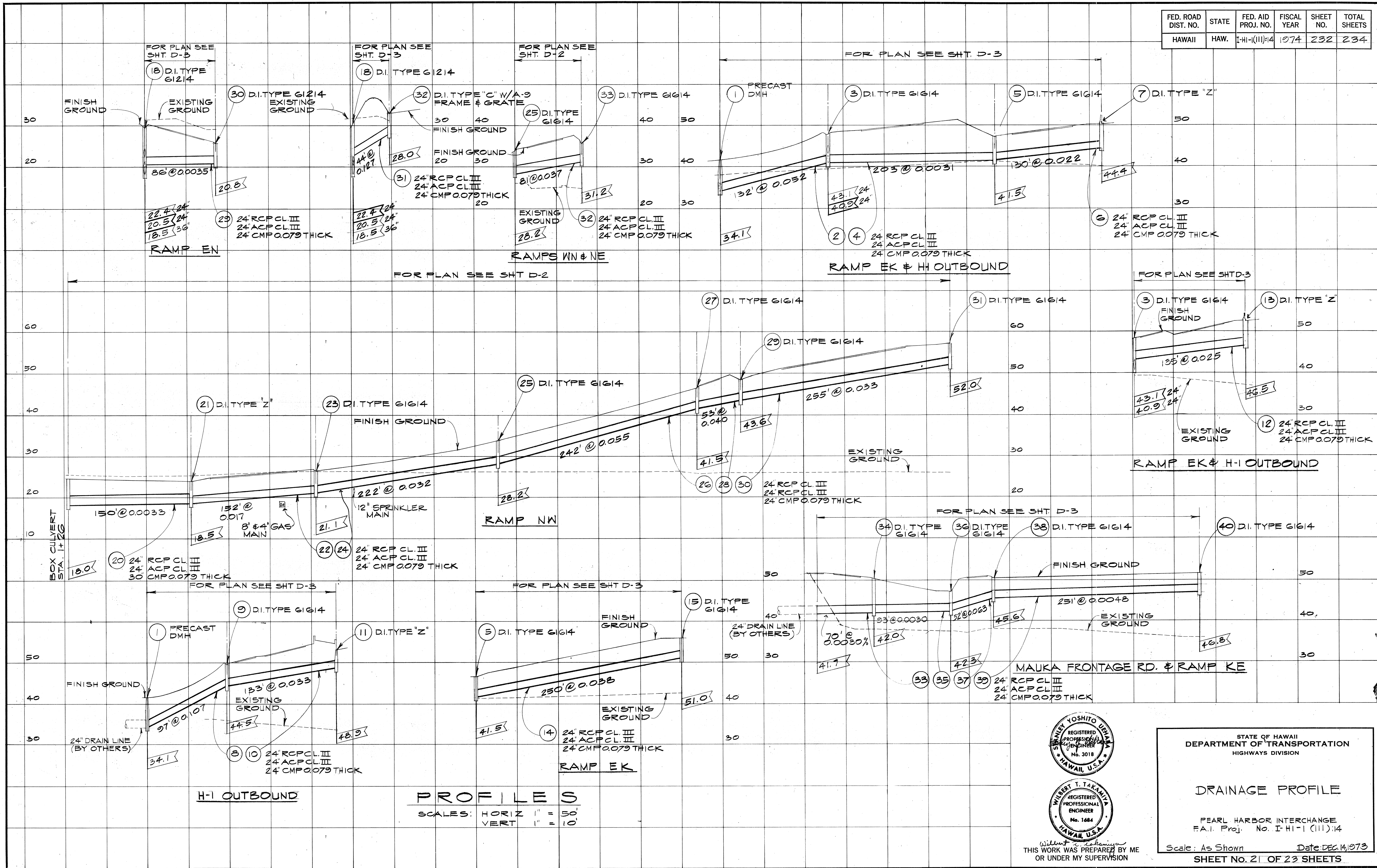
PEARL HARBOR INTERCHANGE
F.A.I. PROJ. NO. I-H-1(III):14

SCALE: AS SHOWN DATE: DEC. 14, 1973
SHEET NO. 20 OF 23 SHEETS



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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(111)14	1974	232	234



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

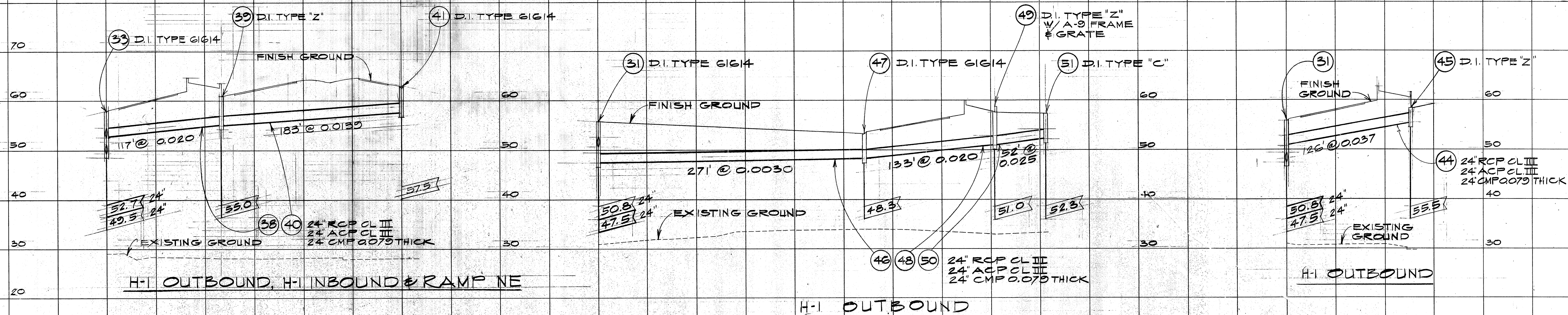
DRAINAGE PROFILE

PEARL HARBOR INTERCHANGE
F.A.I. Proj. No. I-H-1 (111)14

Scale: As Shown Date: DEC. 14, 1973

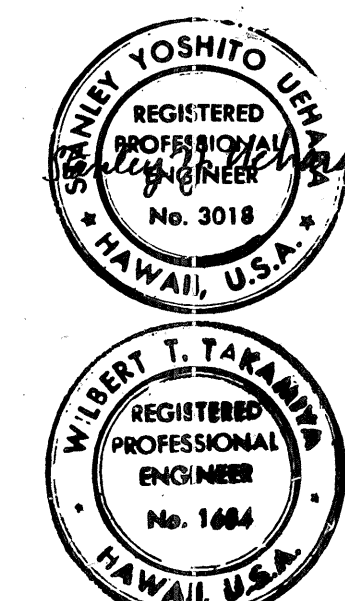
SHEET NO. 2 OF 23 SHEETS

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



NOTE:
FOR PLAN SEE SHEET D-4

PROFILES
SCALE: HORIZ 1" = 50'
VERT 1" = 10'



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PROFILE

PEARL HARBOR INTERCHANGE
F.A.I. Proj. No. I-HI-1(III):14
Scale: As Shown Date: DEC. 14, 1973
SHEET No. 23 OF 23 SHEETS