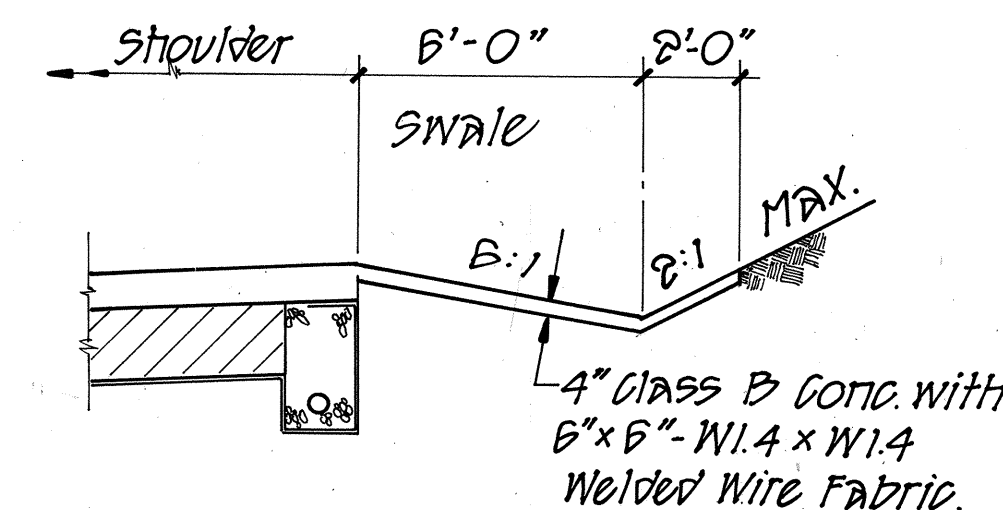
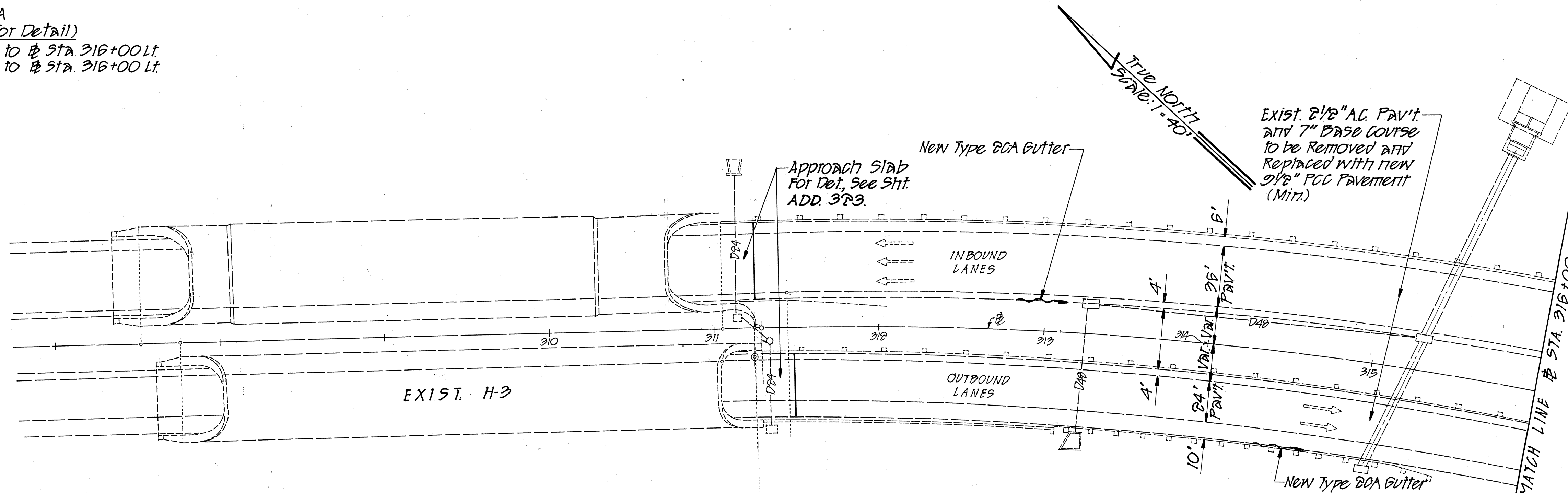
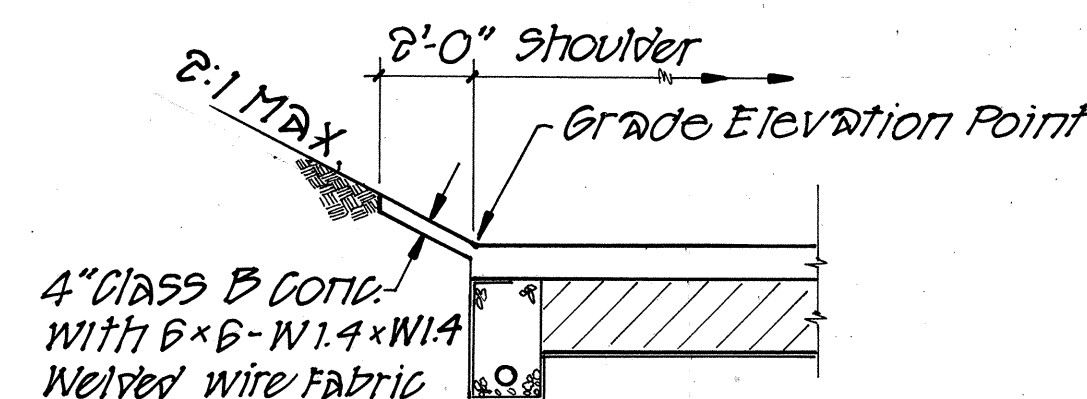


Butter Type 2BA
(See This Sheet, for Detail)
Sta. 311+82 Lt. to Sta. 316+00 Lt.
Sta. 310+10 Rt. to Sta. 316+00 Lt.

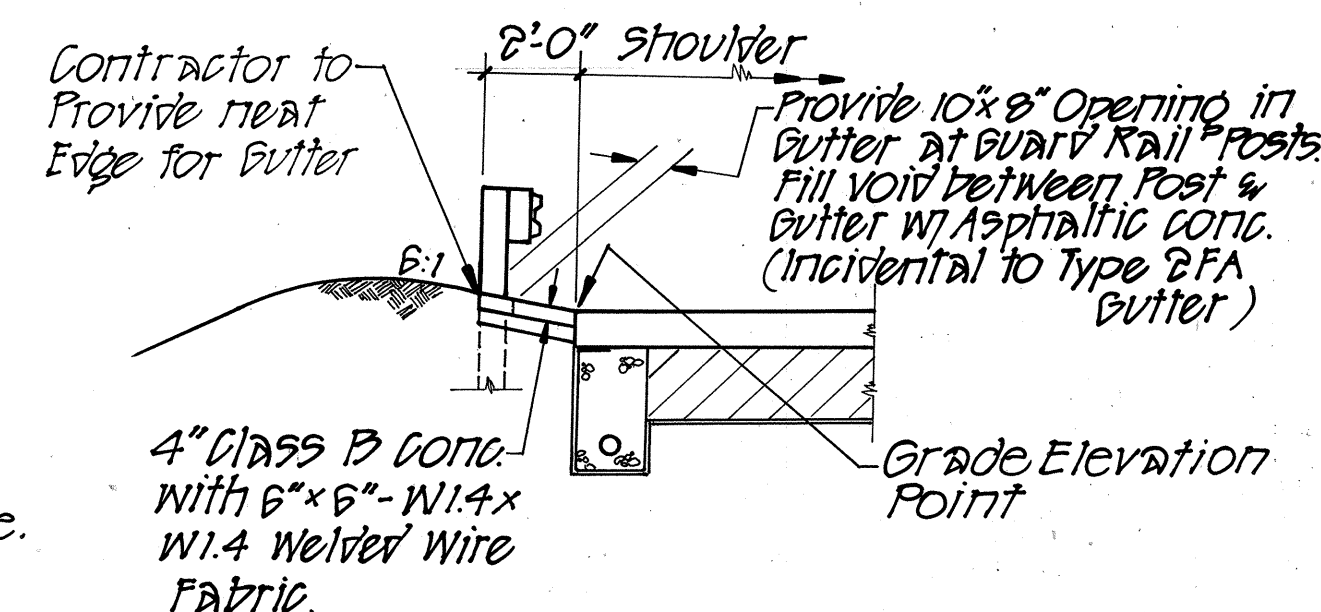
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1 (72)	1991	C.O. ADD. 150	521



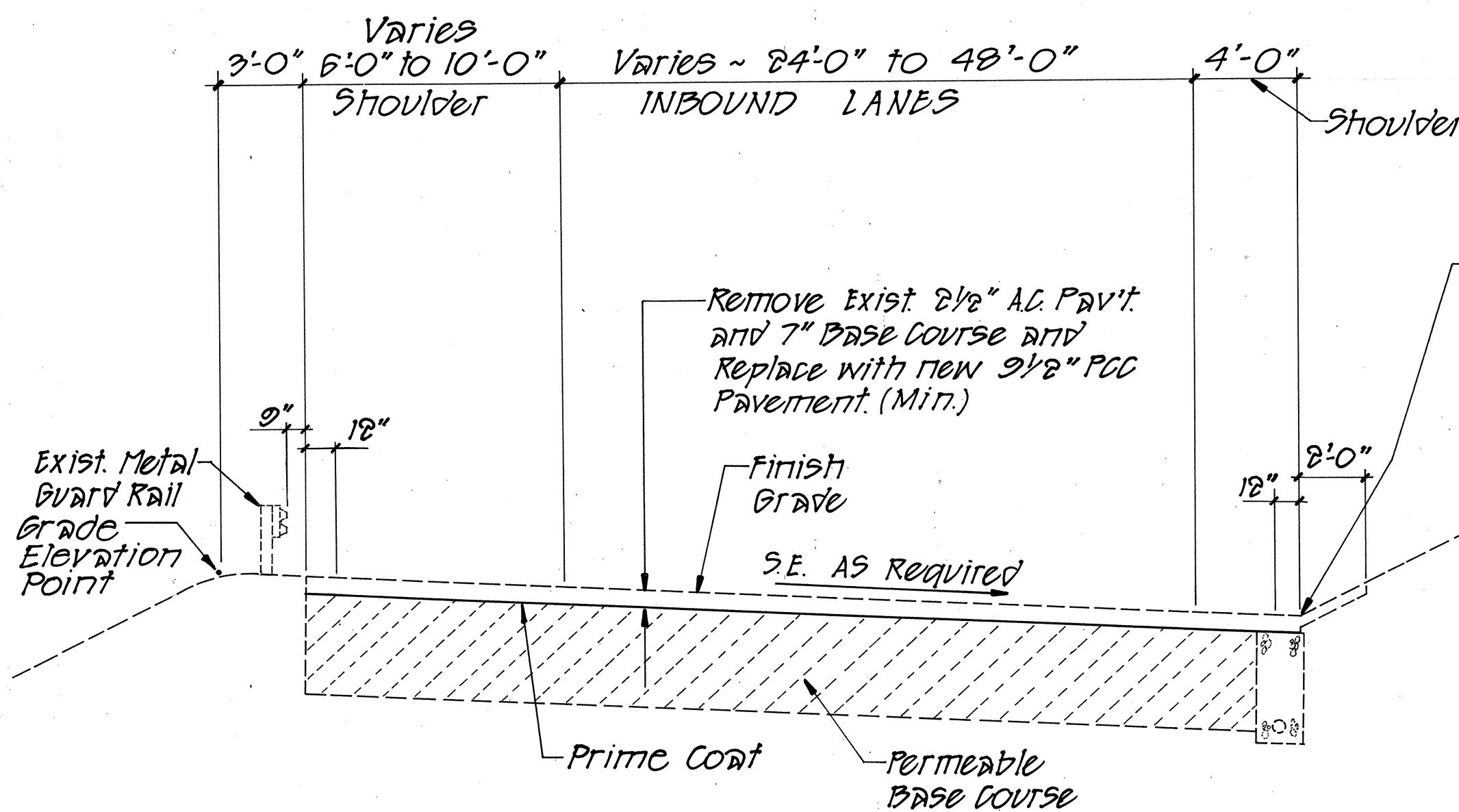
TYPE 2A GUTTER (6/2/8) DETAIL
Scale: 1/4" = 1'-0"



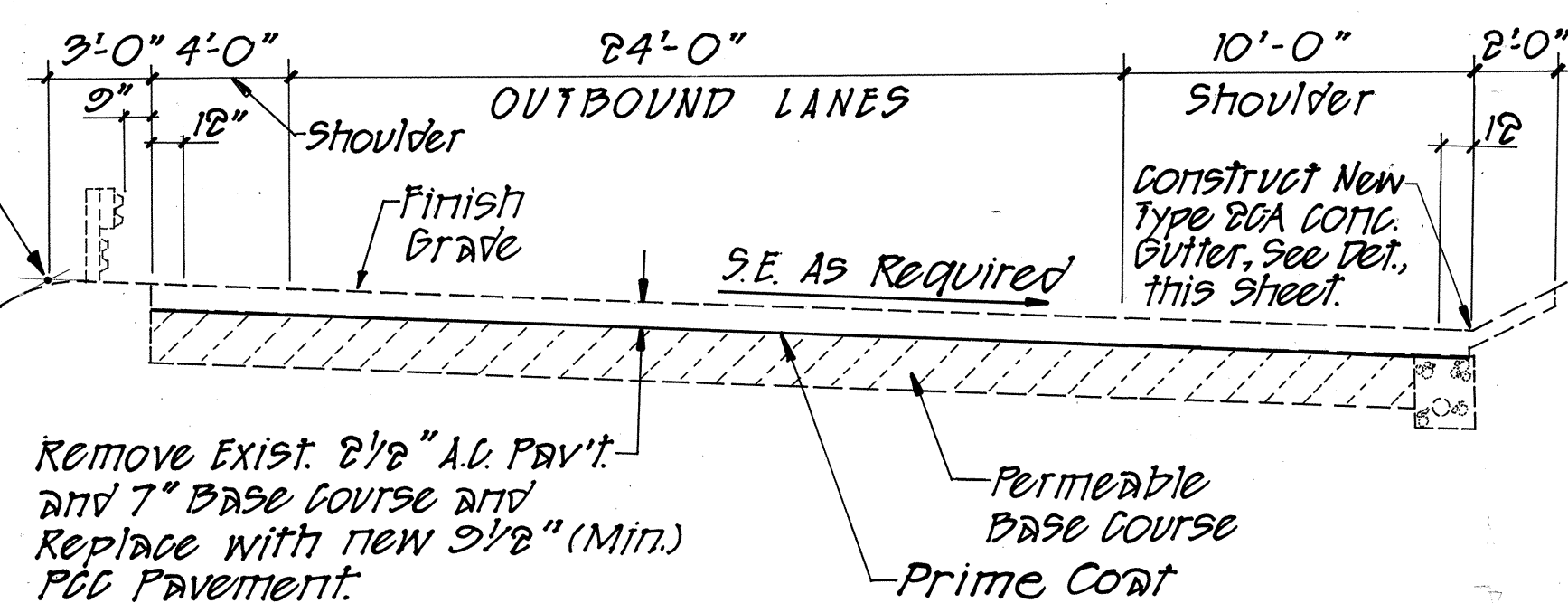
TYPE 2BA GUTTER DETAIL
Scale: 1/4" = 1'-0"



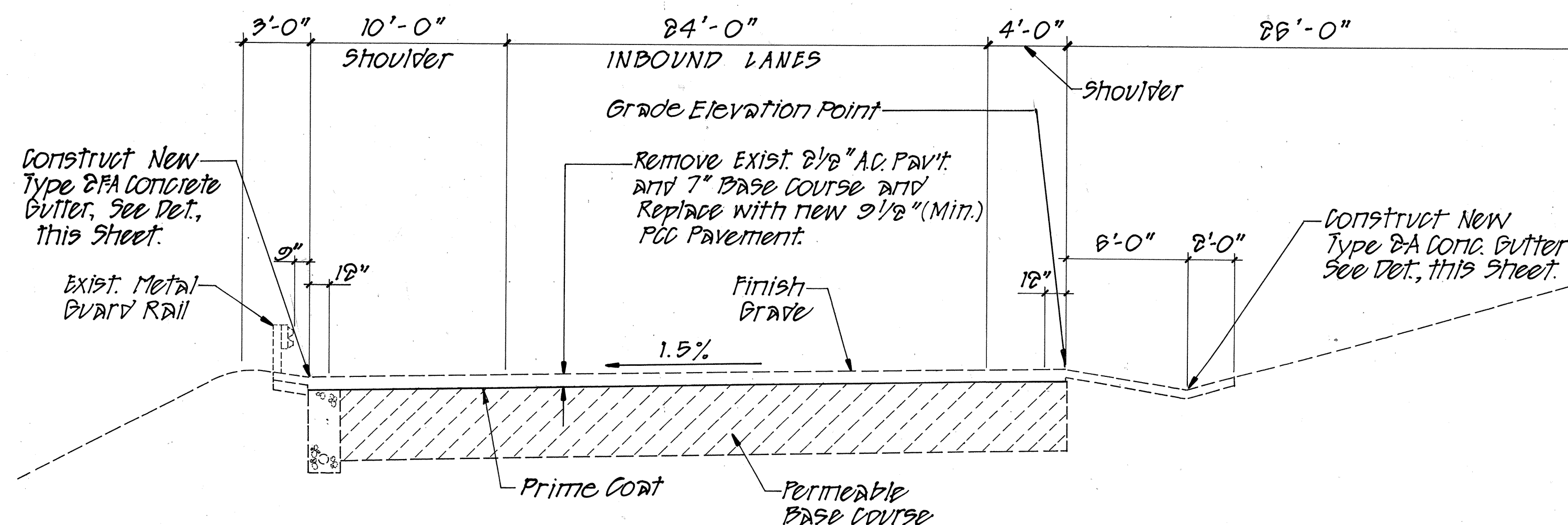
TYPE 2FA GUTTER DETAIL
Scale: 1/4" = 1'-0"



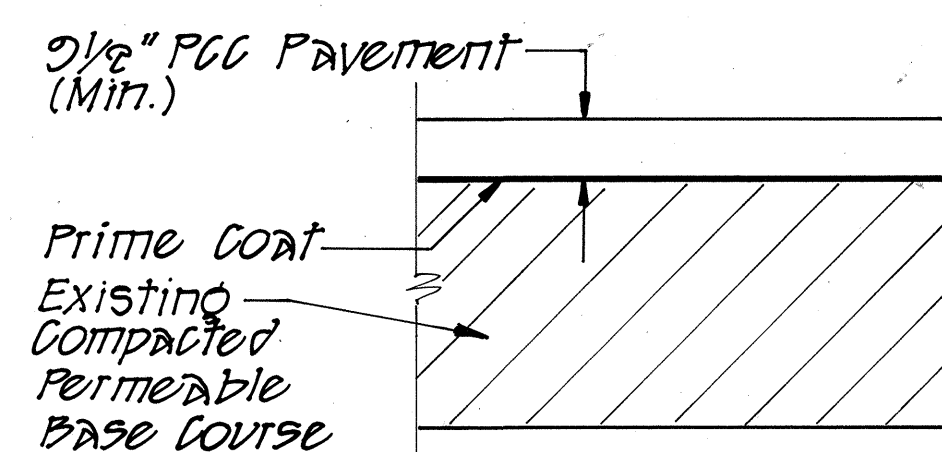
H-3 SUPERELEVATED SECTION
INBOUND & OUTBOUND LANES
Scale: 1" = 5'-0"



- NOTE:
1. Removal of 2 1/2" A.C. Pavement and 7" Base Course. Include Removal of A.C. Gutters.
 2. Recompact Disturbed Permeable Base Course.
 3. Removal of A.C. Pavement, Base Course, A.C. Gutters and Recompaction shall be deemed to be a part of the work contracted to be performed and No Measurement for Payment will be made therefor.
 4. Provide 15 lbs./sq. yd. of Filler Material over Recompacted Permeable Base Course prior to Application of Prime Coat.

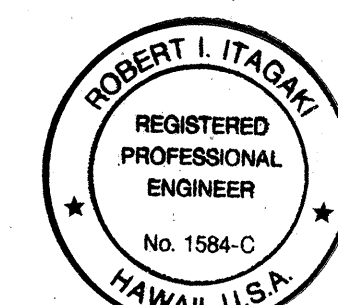


H-3 TANGENT SECTION
INBOUND & OUTBOUND LANES
Scale: 1" = 5'-0"



NEW 3 1/2" PCC PAVEMENT SECTION
Scale: 3/8" = 1'-0"

DATE	REVISION
2/15/95	Added Note #4.
10/3/98	Added Finish Grade Elevation Points and Revised Notes.
1/27/98	Added Sheet No. for Approach Slab Detail



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Robert L. Itagaki

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HOSPITAL ROCK
PAVEMENT REPLACEMENT PLAN

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

SHEET NO. 1 OF 5 SHEETS

C.O. ADD. 150

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

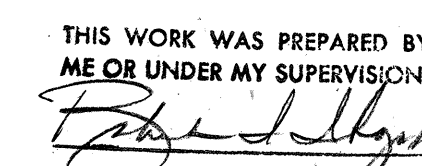
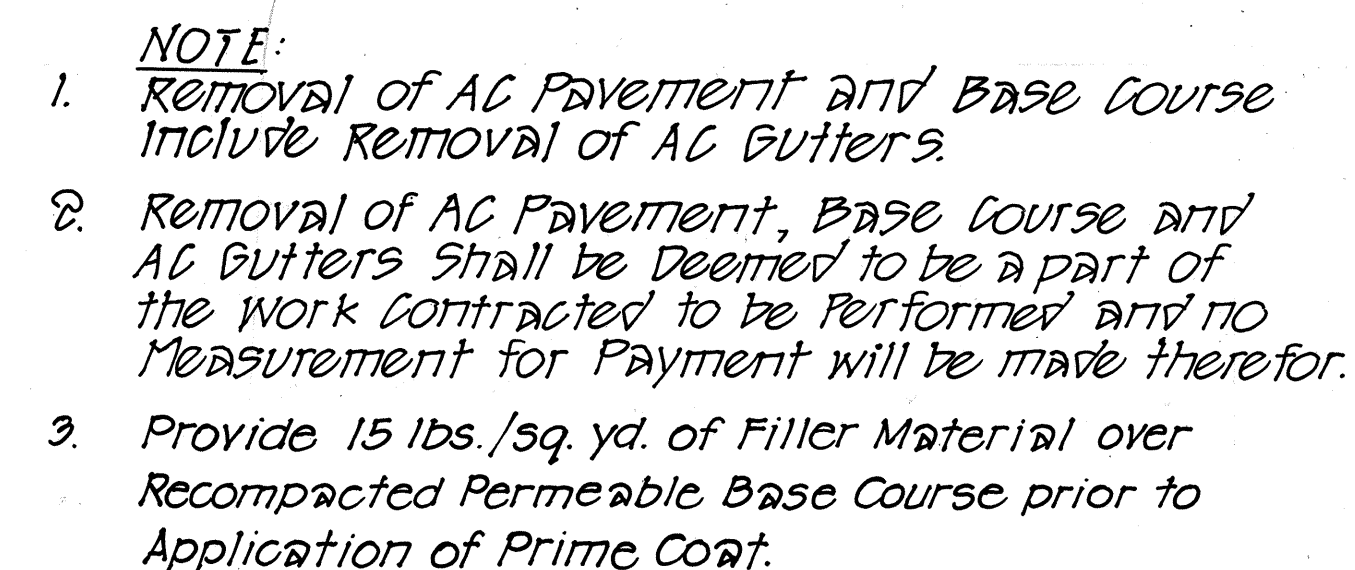
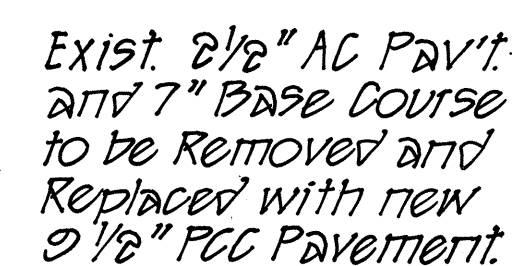
ORIGINAL PLAN	NO.
NOTE BOOK	
CHECKED BY	

Gutter Type 2A
(For Det., See Shf. 150)

Gutter Type DF-A
(For Det., See SHt.150)

Gutter Type PCA
(For Det. See Sht. 150)

Sta. 316+00 Lt. to # Sta. 331+75 Lt.
 # Sta. 316+00 Rt. to # Sta. 319+10 Rt.
 # Sta. 320+37 Rt. to # Sta. 329+10 Rt.



INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-(72)

SCALE: AS NOTED DATE: DEC. 1991

SHEET No. 2 OF 5 SHEETS

9/7/95	Revised Inbound Limit of PCC Pavement Replacement.
11/13/95	Added Note #3.
DATE	REVISION

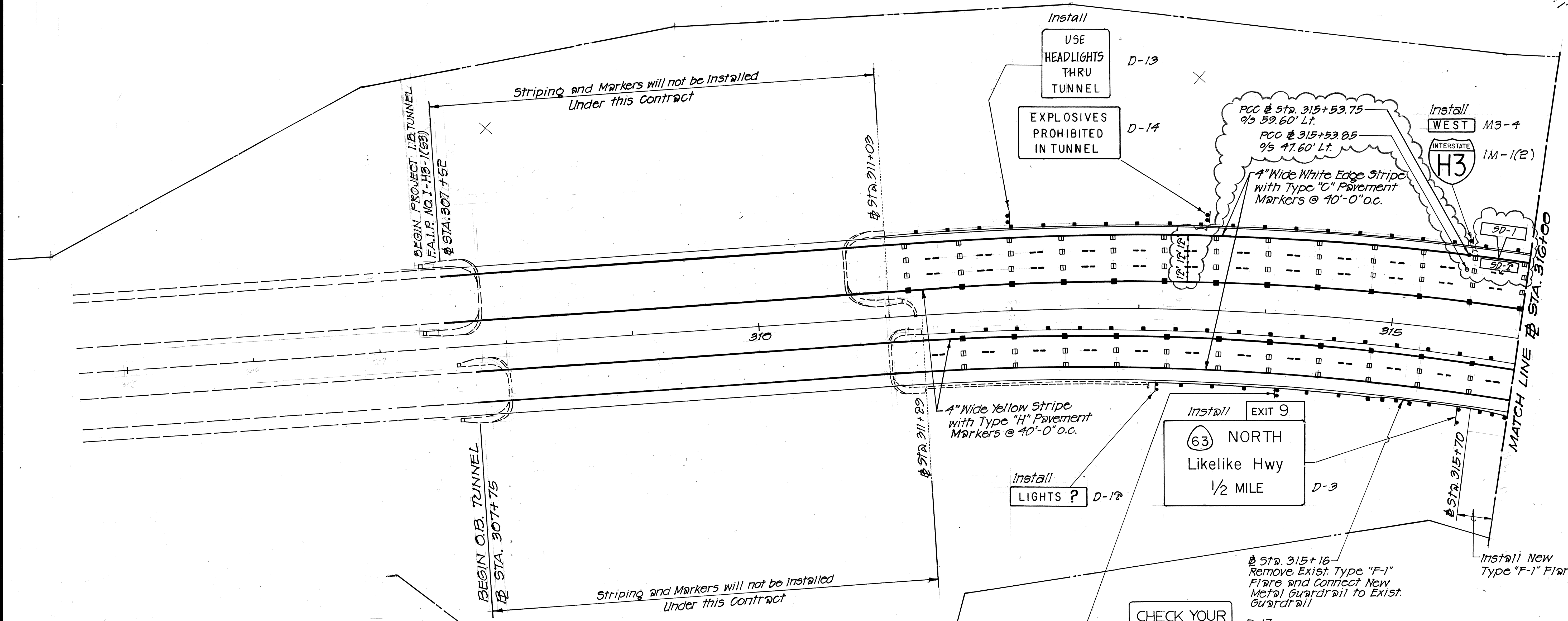
SIGNING & PAVEMENT MARKING NOTES

- 1. The final locations of all signs shall be approved by the Engineer.
- 2. Backing for all new regulatory and warning signs shall not be spliced.
- 3. Locations of all new pavement markings shall be staked out by the Contractor for approval by the Engineer prior to installation.

CURVE DATA		
CURVE	SD-1	SD-2
Δ	13°58'34"	14°13'43"
A/P	6°50'17"	7°06'52"
R	2533.65	2477.41
T	310.56	309.20
O	616.50	613.65
L	612.03	615.23

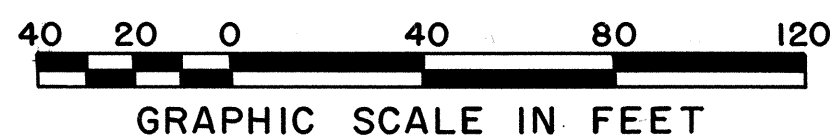
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	20. ADD. 152	521

True North
Scale: 1" = 40'



LEGEND

- 4 Type "A" Pavement Markers and Type "C" Pavement Markers at 40'-0" o.c.
 - 4" Wide Yellow Stripe with Type "H" Pavement Markers at 40'-0" o.c.
 - 4" Double White Stripes with Type "C" Pavement Markers at 20'-0" o.c.
 - 8" Wide White Stripe with Type "C" Pavement Markers at 20'-0" o.c.
 - 4" Wide White Edge Stripe with Type "C" Pavement Markers at 40'-0" o.c.
 - New Signs
 - Metal Guard Rail
 - Earth Mound for Guard Rail
- } NIC, Existing, Except as Noted

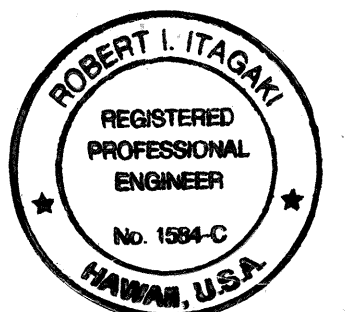


DATE	REVISION
1/19/96	Revised Inbound Striping Alignment.
4/19/95	Amended Exit Number Sign.
1/25/95	Deleted Striping and Markers Within Tunnels. Revised Exit Number Sign.
7/1/94	Revised Type "CL" & "HL" Raised Pav't Markers to Type "C" & "H" Raised Pav't Markers.
3/27/92	Added Metal Guardrail
2/14/92	Added Type "CL" Pavement Markers to Right Edge Stripe.
1/27/92	Deleted Note No. 4.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
HOSPITAL ROCK PAVEMENT REPLACEMENT
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

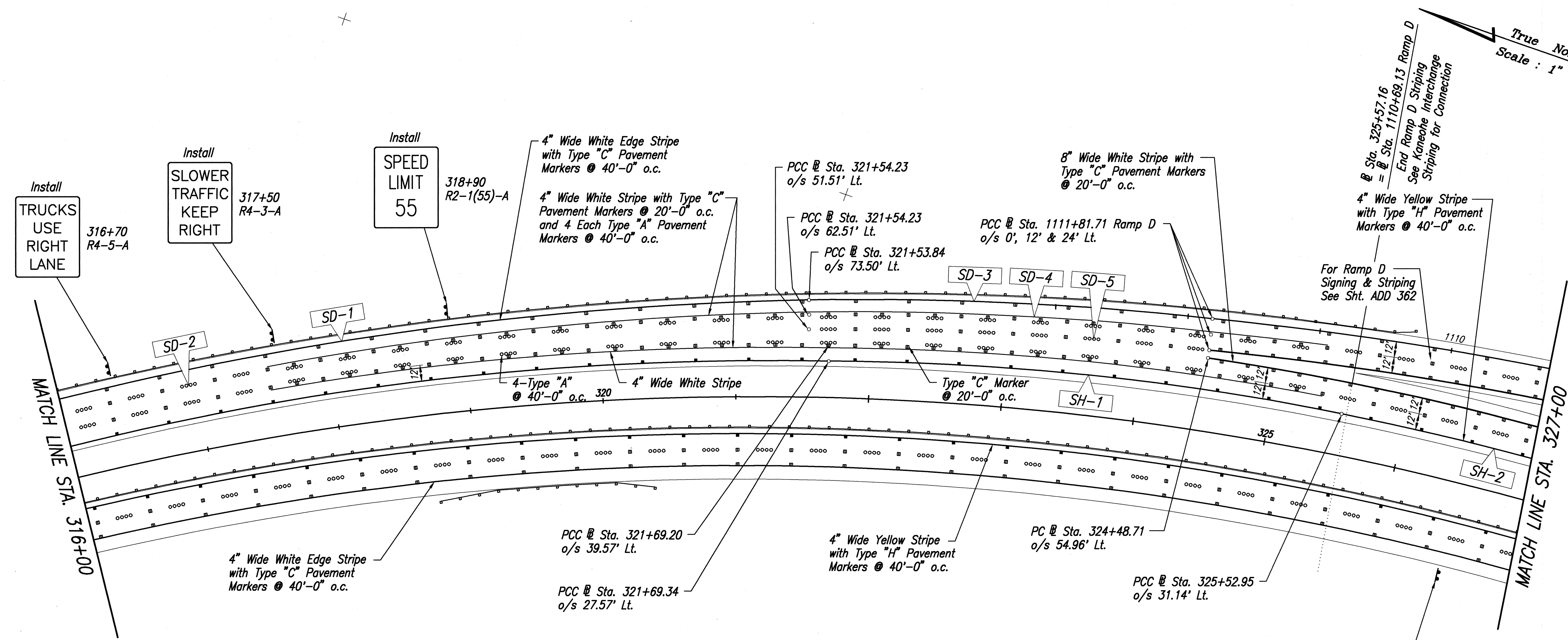
SCALE: AS NOTED DATE: DEC. 1991
SHEET NO. 9 OF 5 SHEETS



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Robert L. Itagaki

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

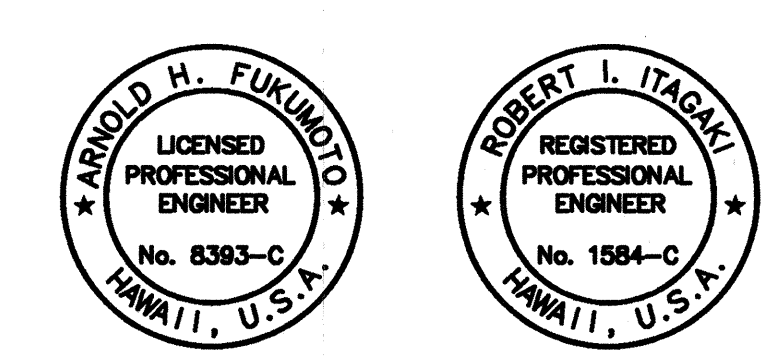
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD 153	521



True North
Scale: 1" = 40'

EMERGENCY ESCAPE RAMP
1/2 MILE

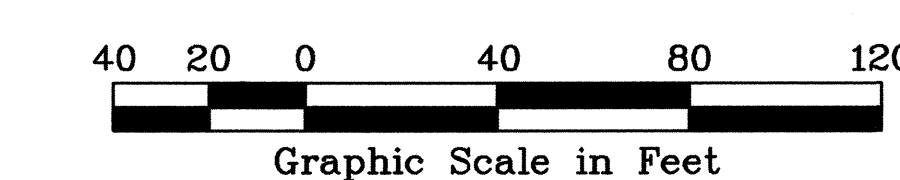
326+50
D-15
W7-4c w/ Std. Gr. Mtd. Support



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ME OR UNDER MY SUPERVISION.

Arnold H. Fukumoto

CURVE DATA							
CURVE	SD-1	SD-2	SD-3	SD-4	SD-5	SH-1	SH-2
Δ	13°58'34"	14°13'43"	7°16'01"	7°10'30"	7°05'38"	11°08'19"	11°38'35"
$\Delta/2$	6°59'17"	7°06'52"	3°38'00"	3°35'15"	3°32'49"	5°34'10"	5°49'18"
R	2533.65	2477.41	2400.00	2420.00	2440.00	2000.00	2210.23
T	310.56	309.20	152.40	151.72	151.24	195.02	225.35
C	616.50	613.65	304.19	302.85	301.91	388.20	448.37
L	618.03	615.23	304.40	303.05	302.10	388.81	449.14



DATE	REVISION
1/19/96	Revised Inbound Striping Alignment.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
5/11/94	Added Callout for Ramp D Reference.
3/27/92	Deleted Sign D-7 and Revised Pavement Markers.
2/14/92	Added Type "CL" Pavement Marker to Right Edge Stripe.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
HOSPITAL ROCK PAVEMENT REPLACEMENT

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED
DATE: DEC. 1991

SHEET No. 4 OF 5 SHEETS

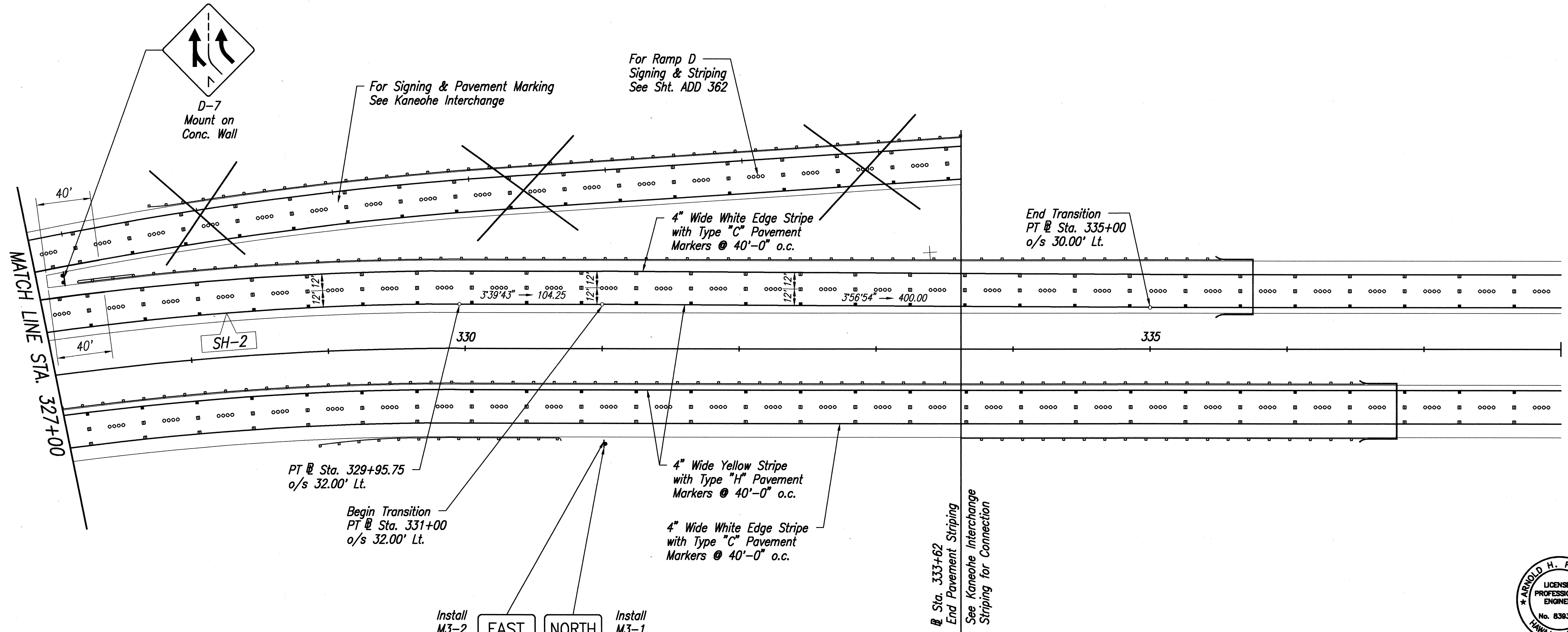
SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
NO.	

82-45.6 FWC-SZJMS DSTRIBING PLAN 81-40, 01/28/98 KAI

C.O. ADD. 153

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD 154	521

True North
Scale : 1" = 40'



CURVE DATA	
CURVE	SH-2
Δ	11°38'35"
$\Delta/2$	5°49'18"
R	2210.23
T	225.35
C	448.37
L	449.14

Install
M3-2

EAST

INTERSTATE
H3

M6-3

Install
M3-1

NORTH

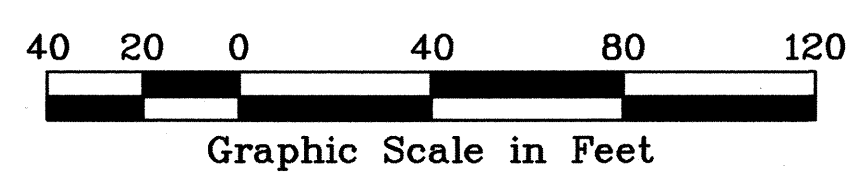
63

M1-6(63)

M6-1

↑

→



1/19/96	Revised Inbound Striping Alignment.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
5/11/94	Added Callout for Ramp D Reference
3/27/92	Added Sign D-7 and Revised Pavement Markers.
2/14/92	Added Type "CL" Pavement Markers to Right Edge Stripe.
DATE	REVISION

ARNOLD H. FUKUNOTO

LICENSED PROFESSIONAL ENGINEER

No. 6393-C

HAWAII, U.S.A.

ROBERT I. ITABAKI

REGISTERED PROFESSIONAL ENGINEER

No. 1584-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Arnold H. Fukunoto

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
HOSPITAL ROCK PAVEMENT REPLACEMENT

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED

DATE: DEC. 1991

SHEET No. 5 OF 5 SHEETS

C.O. ADD. 154

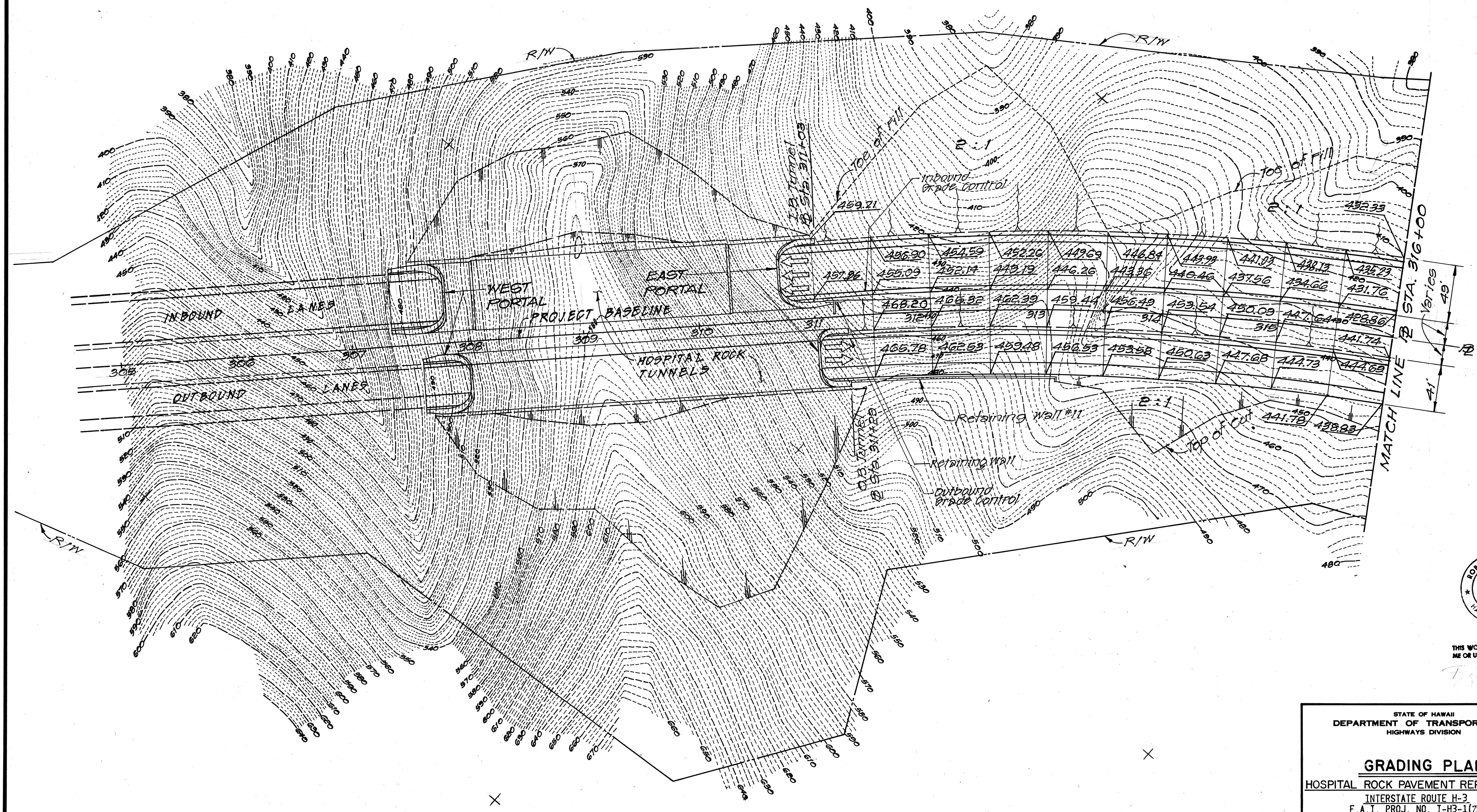
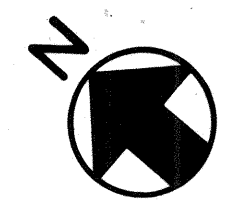
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

35-45.8 PAV-32-200 STRIPING PLAN P-1-40 01/25/96 HAW

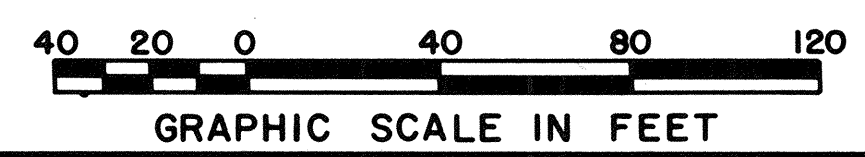
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. 154S-1	521

NOTES:

- Elevations noted (# Sta. 311+00 to # Sta. 329+50) are radially projected along Project Baseline Stations. (Left & Right)
- See Typical Roadway Sections, Sheet 150 for Elevation Point Locations.



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



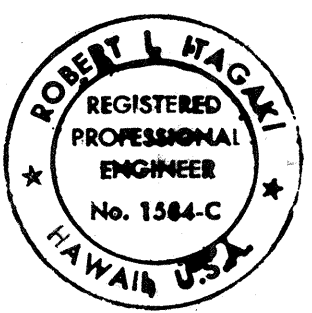
10/9/93	SHEET ADDED FOR FINISH GRADE ELEVATION POINTS.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
HOSPITAL ROCK PAVEMENT REPLACEMENT
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC, 1991

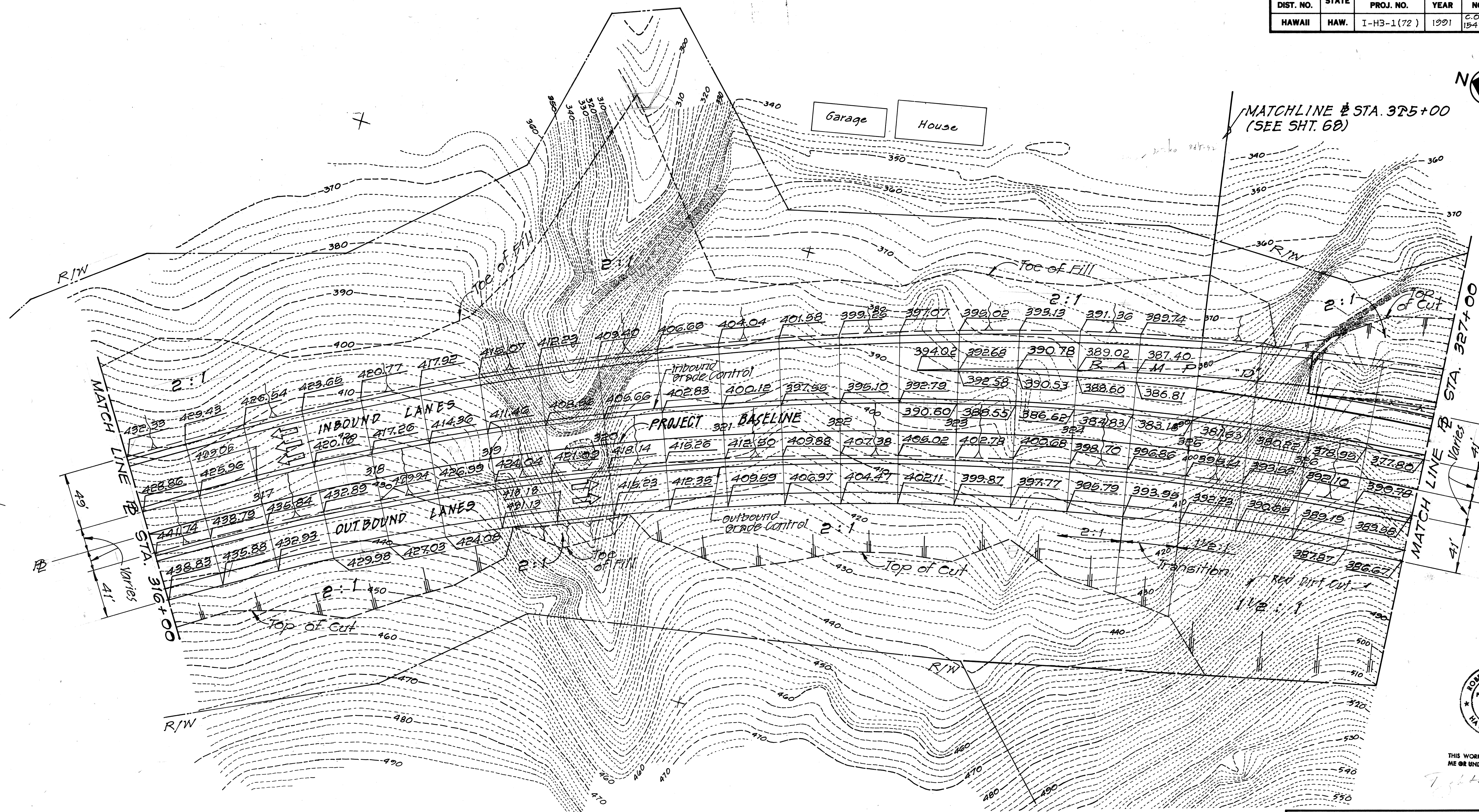
SHEET NO. OF SHEETS



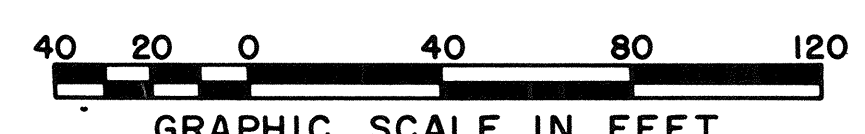
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C.O. 154S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. 154S-2	521



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



10/9/98	SHEET ADDED FOR FINISH GRADE ELEVATION POINTS
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
HOSPITAL ROCK PAVEMENT REPLACEMENT
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

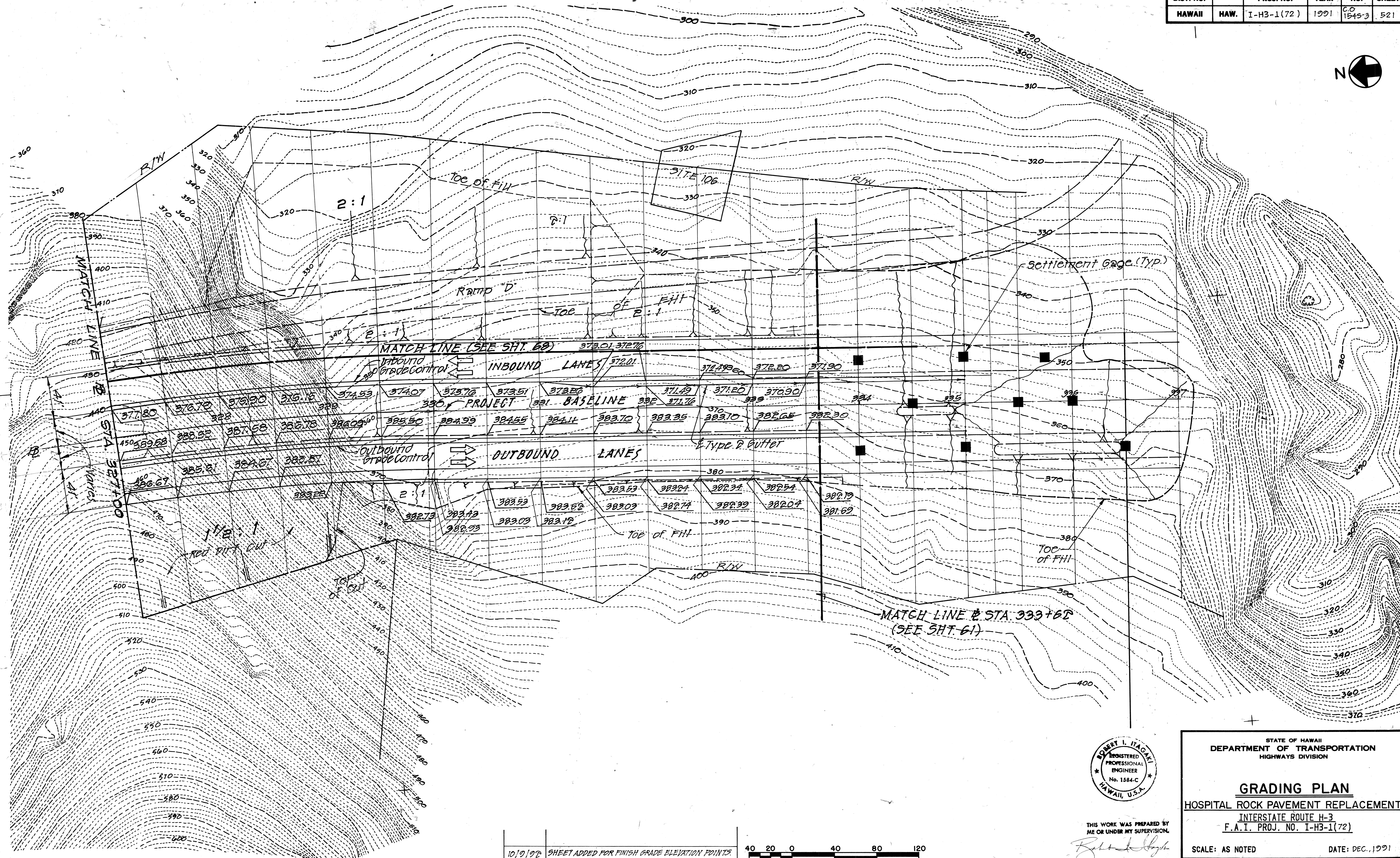
SHEET NO. OF SHEETS



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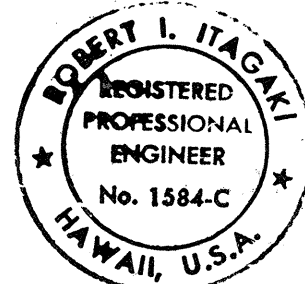
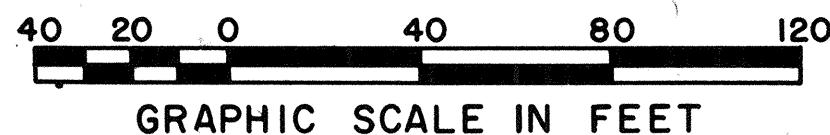
C.O. 154S-2

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	60 1545-3	521



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

10/9/92	SHEET ADDED FOR FINISH GRADE ELEVATION POINTS
DATE	REVISION



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
HOSPITAL ROCK PAVEMENT REPLACEMENT
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED
DATE: DEC., 1991

SHEET NO. OF SHEETS

C.O. 1545-3