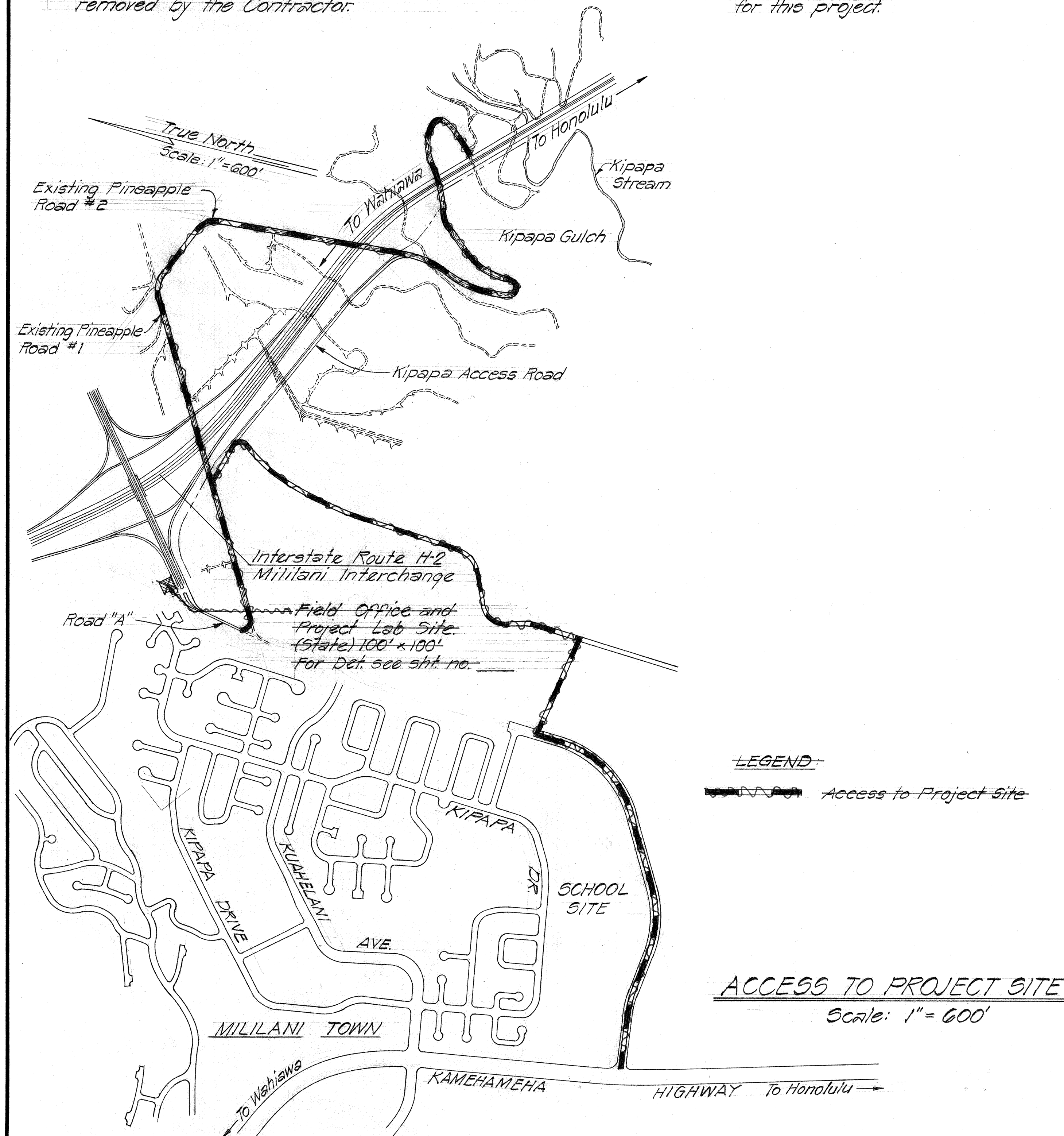


NOTES:

1. Right-of-Entry to the project site will be provided for by the State.
2. The width of the construction parcels, for construction of the access road, is 20 feet.
3. The exact alignment of the access road will be determined by the Engineer in the field.
4. Dust shall be controlled by the Contractor during his entire use of the access road, especially in the vicinity adjacent to residential areas as directed by the Engineer.
5. Mud, tracked or dropped on paved roads, shall be removed by the Contractor.
6. The Contractor shall not drop or deposit coral, lime, cement or any other material that may be damaging to adjoining crops.
7. The Contractor shall maintain the access road as directed by the Engineer.
8. After the access road is no longer used by the Contractor, he shall restore the construction parcels to a condition no worse than the original condition and satisfactory to the owners and the Engineer.
9. The Contractor's attention is directed to Sub-Section 107.25 "Access to Work Site" of the Special Provisions for this project.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(7):4	1973	41	229



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ACCESS TO PROJECT SITE

INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
F.A.I. Proj. No. I-H2-1(7):4
Scale: As Shown Date: April, 1973

SHEET No. 1 OF 7 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1H2-1(7):4	1973	42	229

LIST OF CURBS AND GUTTERS

LOCATION			Item No. 609.200 Curb Type 2A Lin. Ft.	Item No. 609.206 Curb Type 2D Lin. Ft.	Item No. 609.246 Curb & Gutter Type 2DG Lin. Ft.
Road	Sta. To Sta.	Side			
Ramp HM-1	2+44 - 7+04	Lt.			460
"	5+81 - 6+30	Rt.		54	
Meheula	10+80 - 24+40	Lt.			420
Ramp MH-2	0+04 - 7+14	Rt.		10	
"	0+04 - 7+14	Lt.		10	
Meheula	26+71 - 30+07	Lt.			304
Ramp MH-1	5+36 - 5+56	Rt.		10	
"	5+36 - 5+56	Lt.		10	
Ramp MH-2	4+16 - 4+60	Lt.		48	
"	0+65 - 5+43	Rt.			478
Meheula	16+50 - 23+07	Lt.	667		
"	28+51 - 34+50	Lt.	610		
"	16+50 - 23+11	Rt.	671		
"	28+53 - 34+50	Rt.	604		
Ramp MW-2	23+86 - 29+53	Lt.			567
"	24+55 - 25+04	Rt.		53	
Meheula	21+00 - 24+50	Rt.			317
Ramp MW-1	23+83 - 24+00	Lt.		10	
"	23+83 - 24+00	Rt.		10	
Meheula	20+82 - 31+12	Rt.			308
Ramp WM-2	25+60 - 25+01	Lt.		10	
"	25+60 - 25+01	Rt.		10	
Ramp WM-1	26+60 - 27+08	Lt.		52	
"	25+03 - 30+47	Rt.			454

LIST OF CHAIN LINK FENCE WITH TOP RAIL

LOCATION			Item No. 607.0102 Lin. Ft.
Road	Station To Station	Side	
H-2	± 138+60 - 150+28.90	Lt.	1240
"	± 137+25 - 150+28.90	Rt.	1370
"	± 150+28.90 - 166+50	Lt.	1750
"	± 150+28.90 - 166+50	Rt.	1660
"	± 166+50 - Ramp MW-1 16+50	Lt.	1610
"	± 166+50 - Ramp WM-1 18+50	Rt.	1620
"	Ramp MW-1 16+50 - Ramp MW-2 20+53.45	Lt.	1280
"	Ramp HM-1 2+44 - 12+75	Lt.	960
"	Ramp WM-1 18+50 - 30+46.50	Rt.	1100
"	Ramp MH-2 0+65.22 - Ramp MH-1 12+78.89	Rt.	1150
"	Ramp HM-1 12+75 - Outb. ± 212+50	Lt.	1700
"	Ramp MH-1 12+78.89 - 28+50	Rt.	1590
"	Outb. ± 212+50 - 222+00	Lt.	1040
"	Inb. ± 212+50 - 222+40	Rt.	960
B.W.S.	Well Site		584

NOTES

- Curb ramp down will be paid for under item "Curb, Type 2D."
- Concrete curb and gutter transitions, shown at the ramps, will be paid for under item "Curb and Gutter, Type 2DG."

LIST OF CENTERLINE & REFERENCE SURVEY MONUMENTS

LOCATION			Item No. 613.03 Quantity (Each)
Road	Station	% From ±	
H-2	150+28.90	55'Rt.	1
"	"	67'Lt.	1
"	163+42.90	55'Rt.	1
"	"	67'Lt.	1
"	173+00	55'Rt.	1
"	181+00	67'Lt.	1
"	186+16.95	55'Rt.	1
"	"	67'Lt.	1
H-2 Outb.	201+50.43	45'Lt.	1
H-2 Inb.	201+55.28	33'Rt.	1
H-2 Outb.	215+08.37	10'Rt.	1
"	"	45'Lt.	1
H-2 Inb.	216+02.17	45'Rt.	1
Meheula	16+50	58'Rt.	1
"	"	58'Lt.	1
"	23+00	±	1
"	24+00	44'Rt.	1
"	"	44'Lt.	1
"	20+00	44'Rt.	1
"	"	±	1
"	"	44'Lt.	1
"	34+50	58'Rt.	1
"	"	58'Lt.	1

LIST OF C&C STREET SURVEY MONUMENTS

LOCATION		Item No. 614.01 Quantity
Road	± Station	
Meheula	16+50	1
"	34+50	1

LIST OF PLAIN CONCRETE SIDEWALK

LOCATION			Item No. 608.01			
Road	Sta. To Sta.	Side	Width	Thick- ness	Length	Area
			(feet)	(inches)	(feet)	(sq. yd.)
Ramp HM-1	2+44 - 5+87	Lt.	4	4	343	153
"	5+87 - 5+97	"	0.4	4	10	11
Meheula	10+88 - 20+10	"	Varies	4	22	13
"	20+10 - 24+40	"	4	4	404	180
"	24+01 - 24+40	"	Varies	4	48	10
"	26+71 - 30+77	"	4	4	378	168
"	30+75 - 30+07	"	Varies	4	22	14
Ramp MH-2	4+23 - 4+33	Rt.	0.4	4	10	11
"	0+65 - 4+23	"	4	4	358	159
Ramp MW-2	24+85 - 24+05	Lt.	0.4	4	10	11
"	24+05 - 29+54	"	4	4	450	204
Meheula	21+00 - 21+22	Rt.	Varies	4	22	15
"	21+22 - 24+50	"	4	4	300	133
"	26+82 - 30+80	"	4	4	381	170
"	30+80 - 31+11	"	Varies	4	22	14
Ramp WM-1	26+00 - 27+00	"	0.4	4	10	11
"	27+00 - 30+47	"	4	4	347	155

LIST OF GUARD RAILS

LOCATION		Item No. 606.310 Guard Rail Type 3 Single Lin. Ft.	Item No. 606.415 Guard Rail Type 4 Taper- ed Section Lin. Ft.	Item No. 606.416 Guard Rail Type 4 Pier Section Lin. Ft.	Item No. 606.417 Guard Rail Type 4A Lin. Ft.
Road	Station to Station				
Meheula	23+40 - 24+25 Rt.	90			
"	26+02 - 28+15 Lt.	130			
H-2	180+25 - 180+77.50		52.5		
"	180+77.50 - 190+52.50			75	
"	190+52.50 - 191+05		52.5		790
"	O.B. 215+15 - 1.B. 223+00				

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

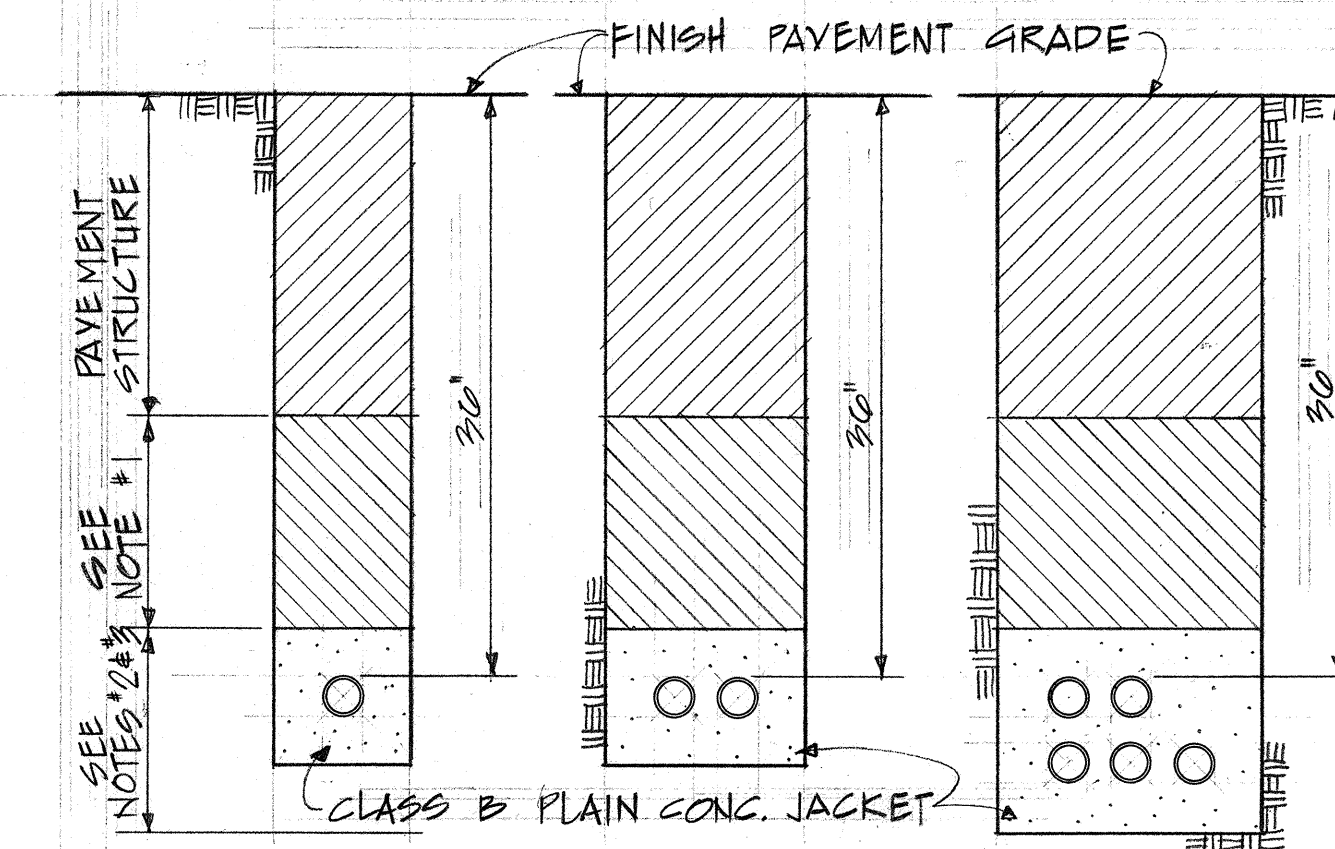
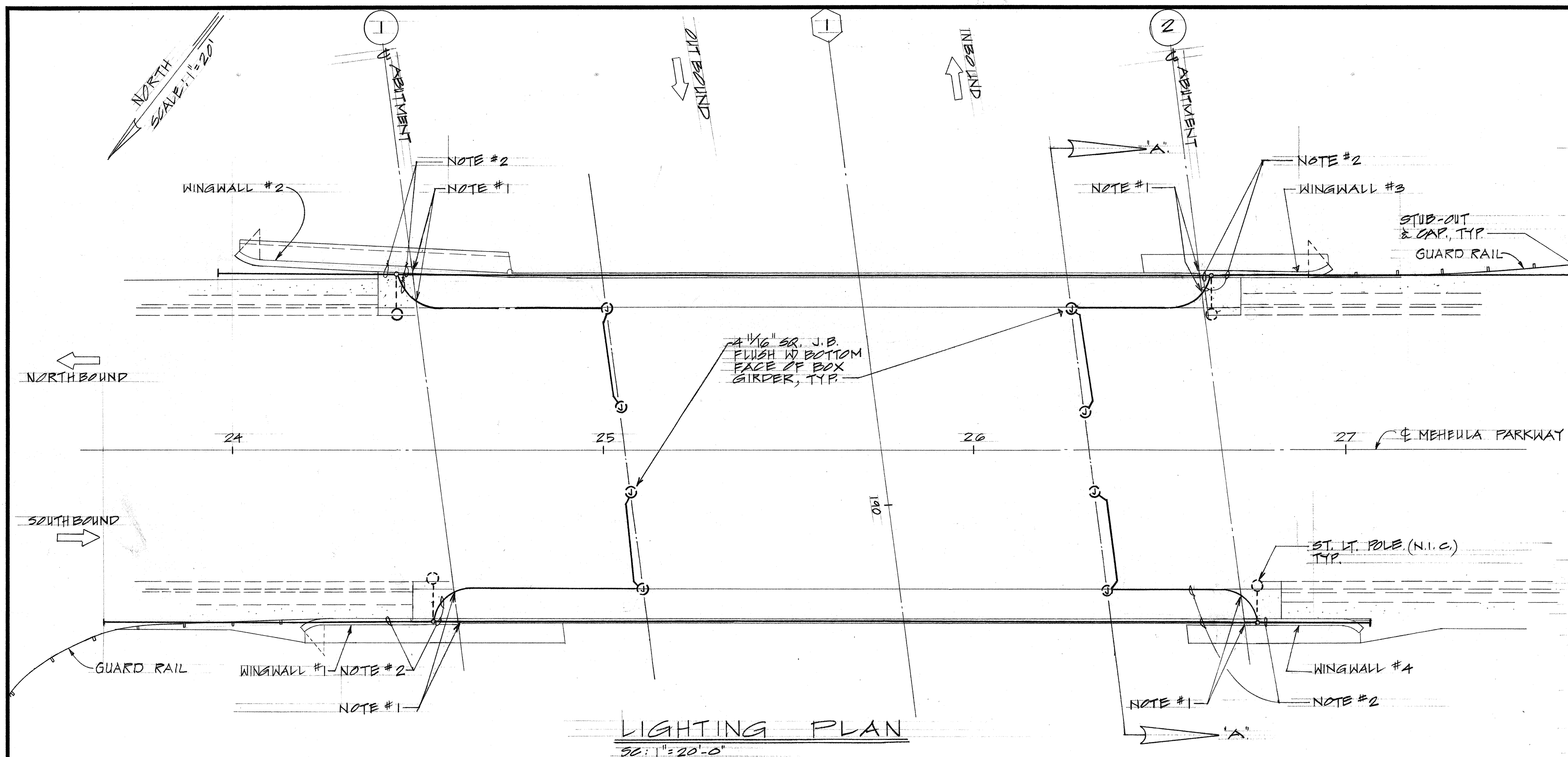
LIST OF CURBS, GUTTERS,
MONUMENTS, SIDEWALKS, CHAIN
LINK FENCE & GUARD RAILS

INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
F.A.I. PROJ. NO. 1H2-1(7):4

Date: April, 1973

SHEET No. 2 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(7)-4	1973	43	220



1-2" PVC CONDUIT 2-2" PVC CONDUIT 5-2" PVC CONDUIT

TYPICAL SECTIONS - PVC CONDUITS
NOT TO SCALE

NOTES - HWY. LIGHTING SYSTEM - PVC CONDUIT

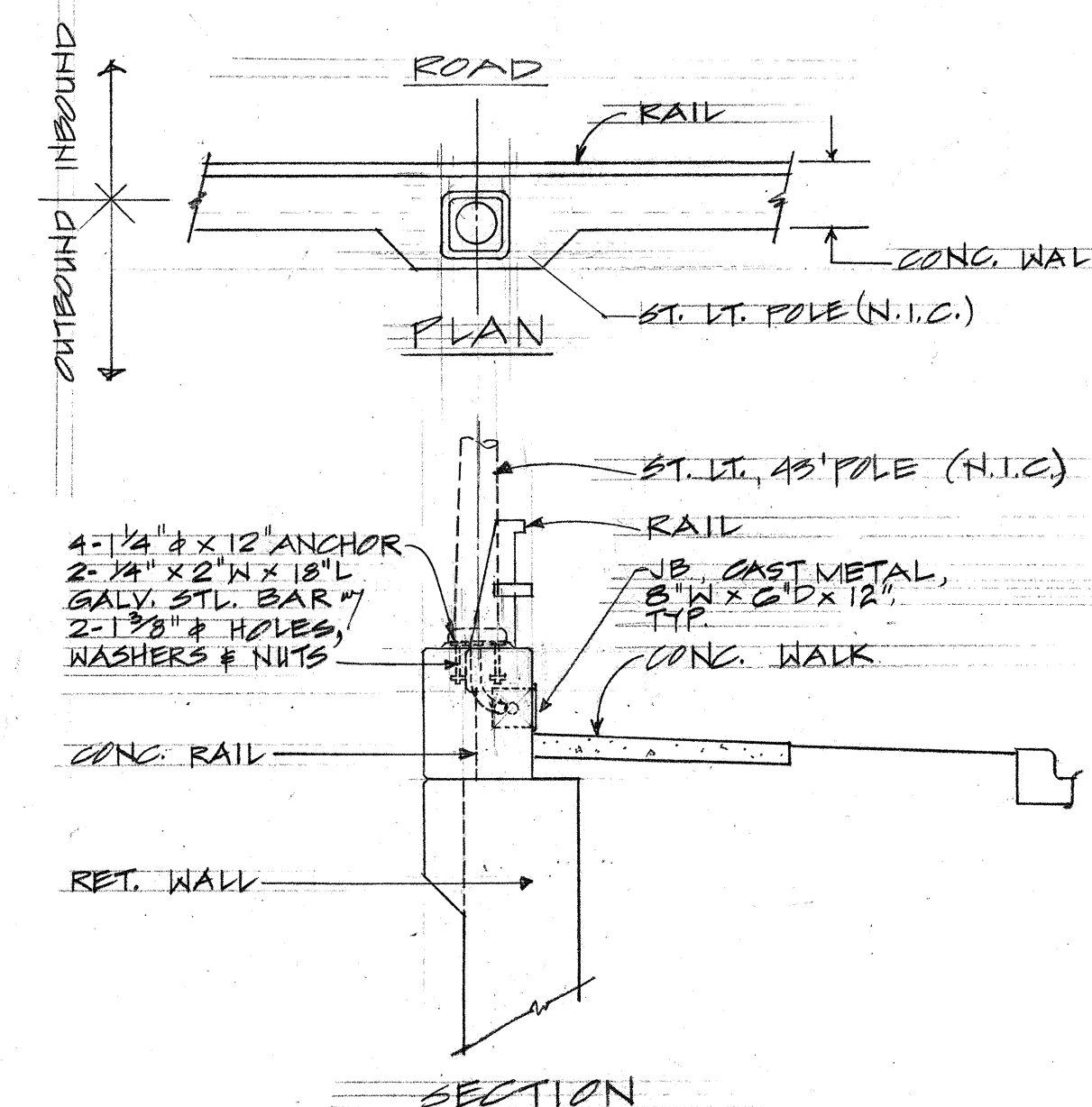
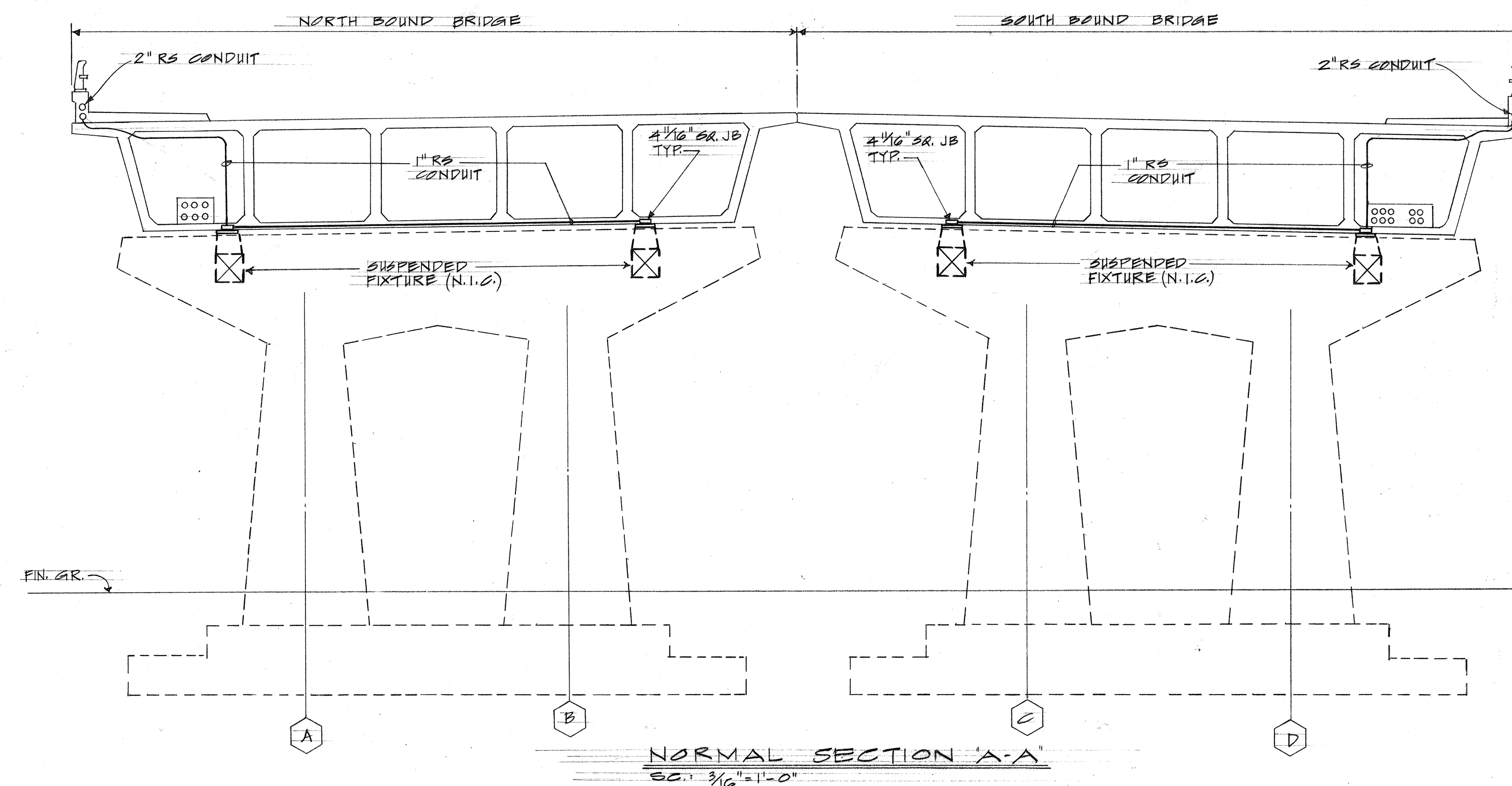
1-TYPE "A" BACKFILL, BEACH SAND, EARTH, OR EARTH & GRAVEL. IF EARTH & GRAVEL, THE MAX. ROCK SIZE SHALL BE 1" & THE MIX SHALL NOT CONTAIN MORE THAN 50% BY VOLUME OF ROCK PARTICLES.

2-CONDUIT - 2" PVC SCHEDULE 80.

3-DUCT SEPARATION SCHEDULE:
ELECTRIC - ELECTRIC 1 1/2" APART.
ELECTRIC - EXTERIOR 3" APART.

4-THE OPENING ENDS OF THE PVC CONDUITS SHALL BE COVERED WITH PLYWOOD PRIOR TO BACKFILL AND THEIR LOCATIONS SHALL BE MARKED BY 2"x2" REDWOOD MARKERS. THIS ITEM OF WORK SHALL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCIDENTAL TO STRUCTURE EXCAVATION OTHER THAN IN BRIDGES, ITEM NO. 206.01.

5-CONDUITS SHALL BE PLACED AT 36" DEPTH. IF THERE IS A CONFLICT WITH OTHER UNDERGROUND IMPROVEMENTS TO BE INSTALLED UNDER THIS CONTRACT THE CONTRACTOR SHALL ADJUST THE DEPTH OF CONDUITS BUT IN NO CASE SHALL THE CONDUITS BE PLACED LESS THAN 24" IN DEPTH.



NOTES:

- GRADE SEPARATION ABUTMENT, PROVIDE EXP. COUPLING AT EACH CONDUIT.
- CONDUITS TO ENTER JB AT EACH ST. LT.
- SEE STRUCTURAL DRAWINGS FOR CONCRETE PORTION OF WORK.
- SEE ADD. NO. 1

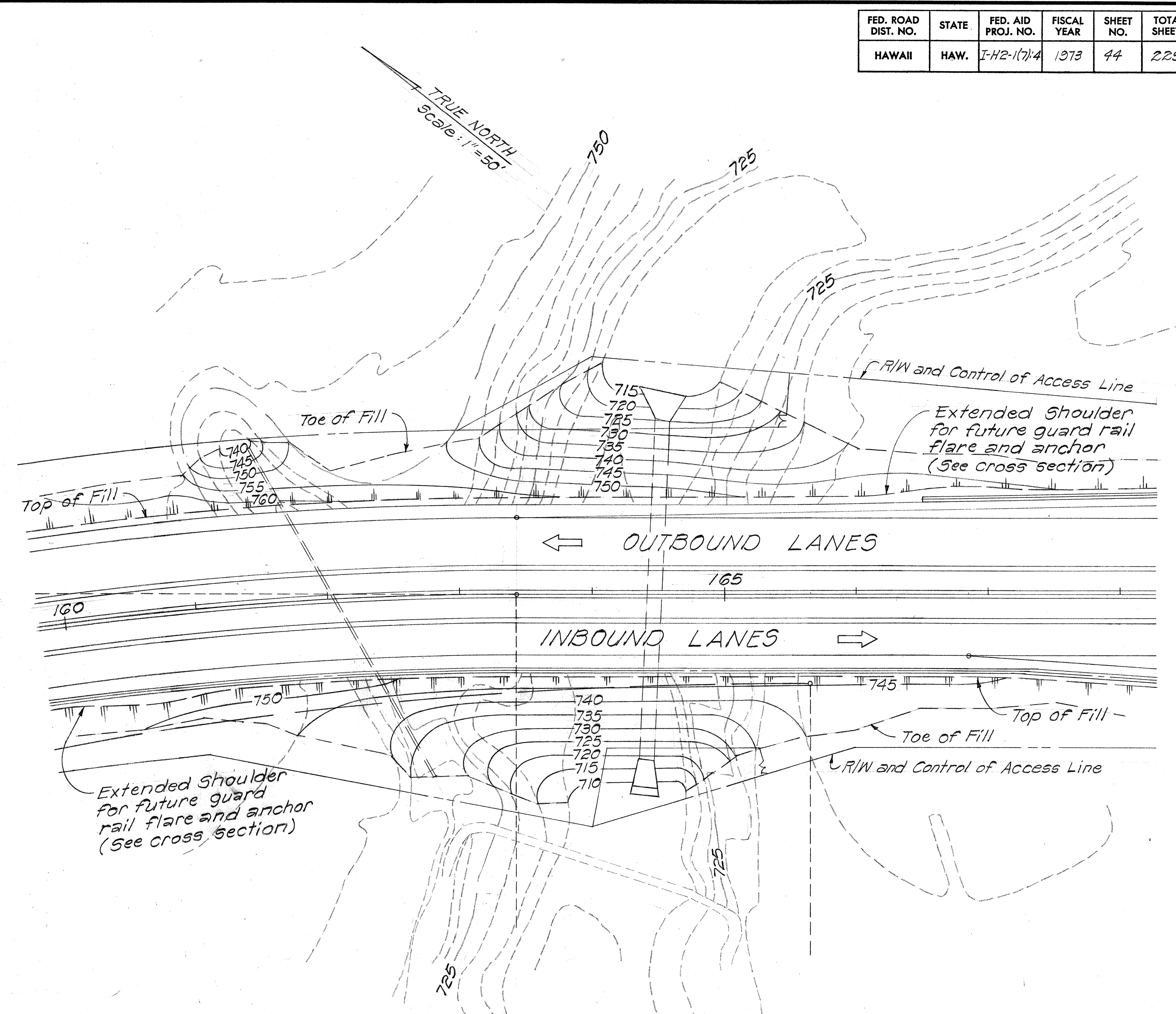
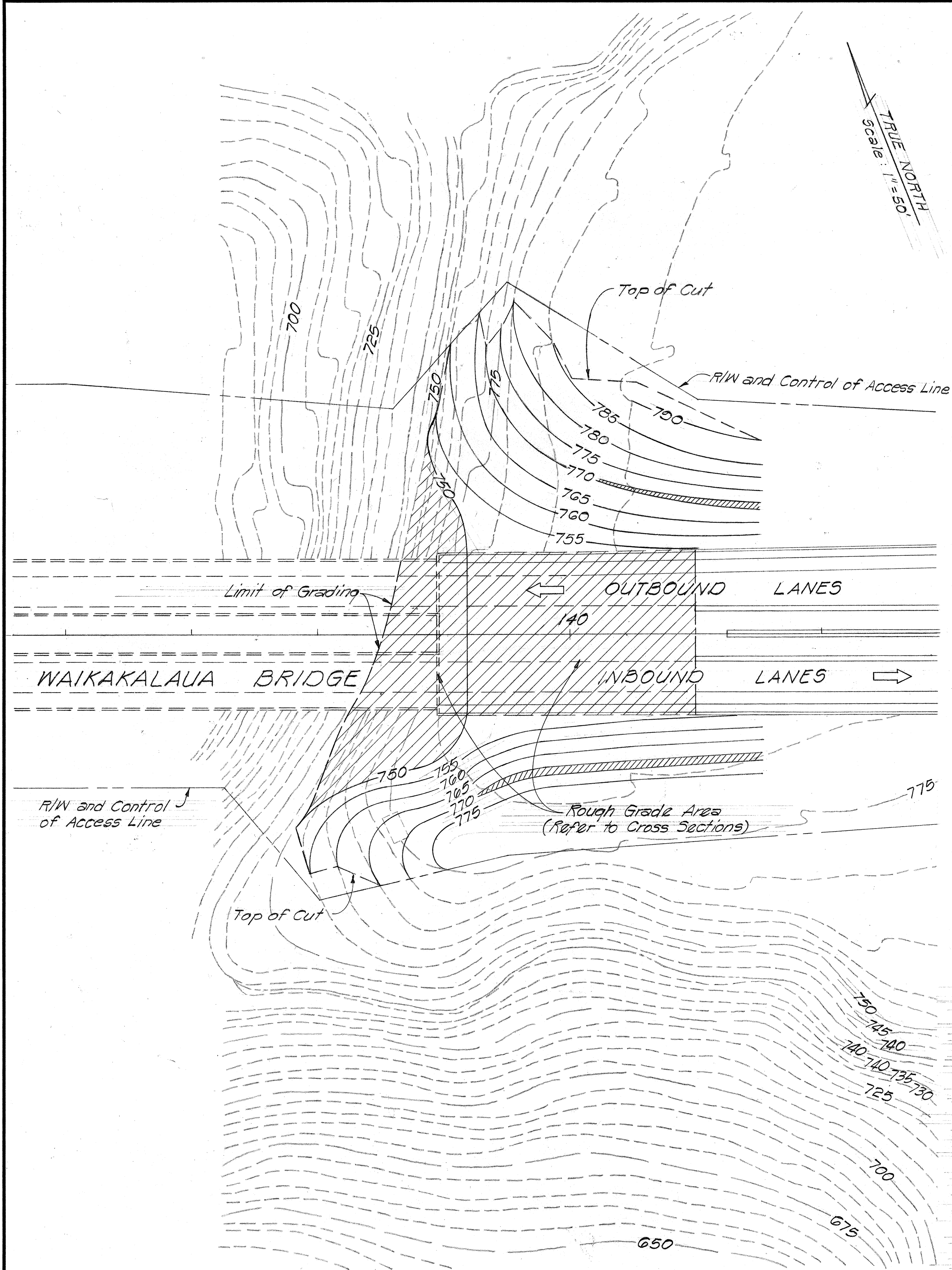
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HIGHWAY LIGHTING

INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
F.A.I. PROJ. No. I-H2-(7)-4

SCALE: 1"=50' DATE APR. '73
SHEET No. 3 OF 7 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
APPROVED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(7)-4	1973	44	220



GENERAL NOTES-CONTOUR GRADING

- 1-Contour grading shall consist of smooth and gradually varying slopes constructed to blend into the existing ground as practically possible.
- 2-All slopes shall be as noted on the plans or as directed by the Engineer and will not be greater than 2:1 at any point.
- 3-All slopes shall be finished as noted on the Typical Section Plans.
- 4-Contour grading will not be paid for separately but will be considered incidental to item no. 203.01, Roadway Excavation.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONTOUR GRADING PLAN

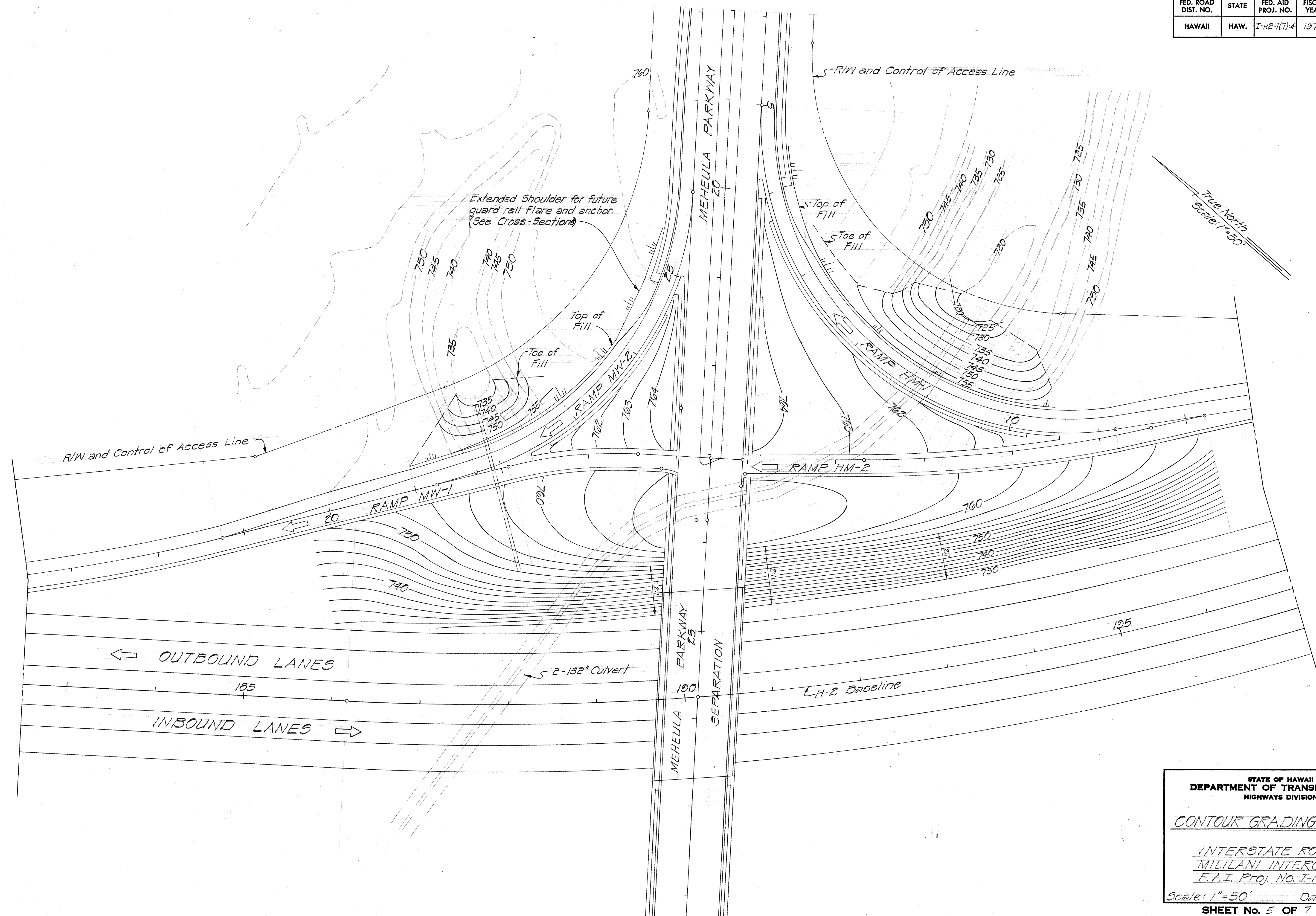
INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
F.A.I. Proj. No. I-H2-1(7)-4

Scale: 1"=50' Date: April, 1973

SHEET No. 4 OF 7 SHEETS

DATE	_____
SURVEY PLATTED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTE BOOK	_____
NO.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(7):4	1973	45	220



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONTOUR GRADING PLAN

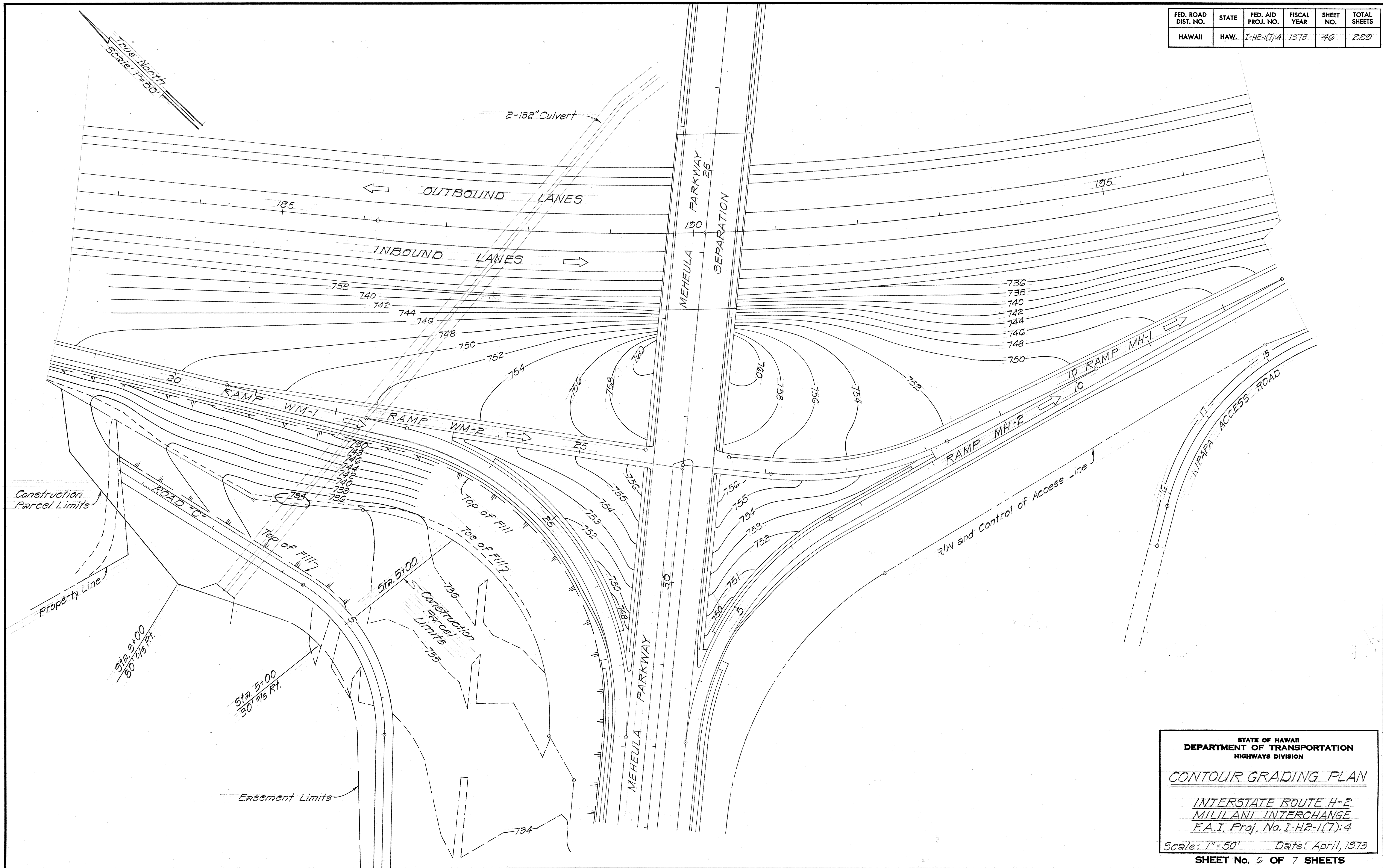
INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
F.A.I. Proj. No. I-H2-1(7):4

Scale: 1" = 50' Date: April, 1973

SHEET No. 5 OF 7 SHEETS

SURVEY PLATTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(7):4	1973	46	220



DESIGNED BY	DATE
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

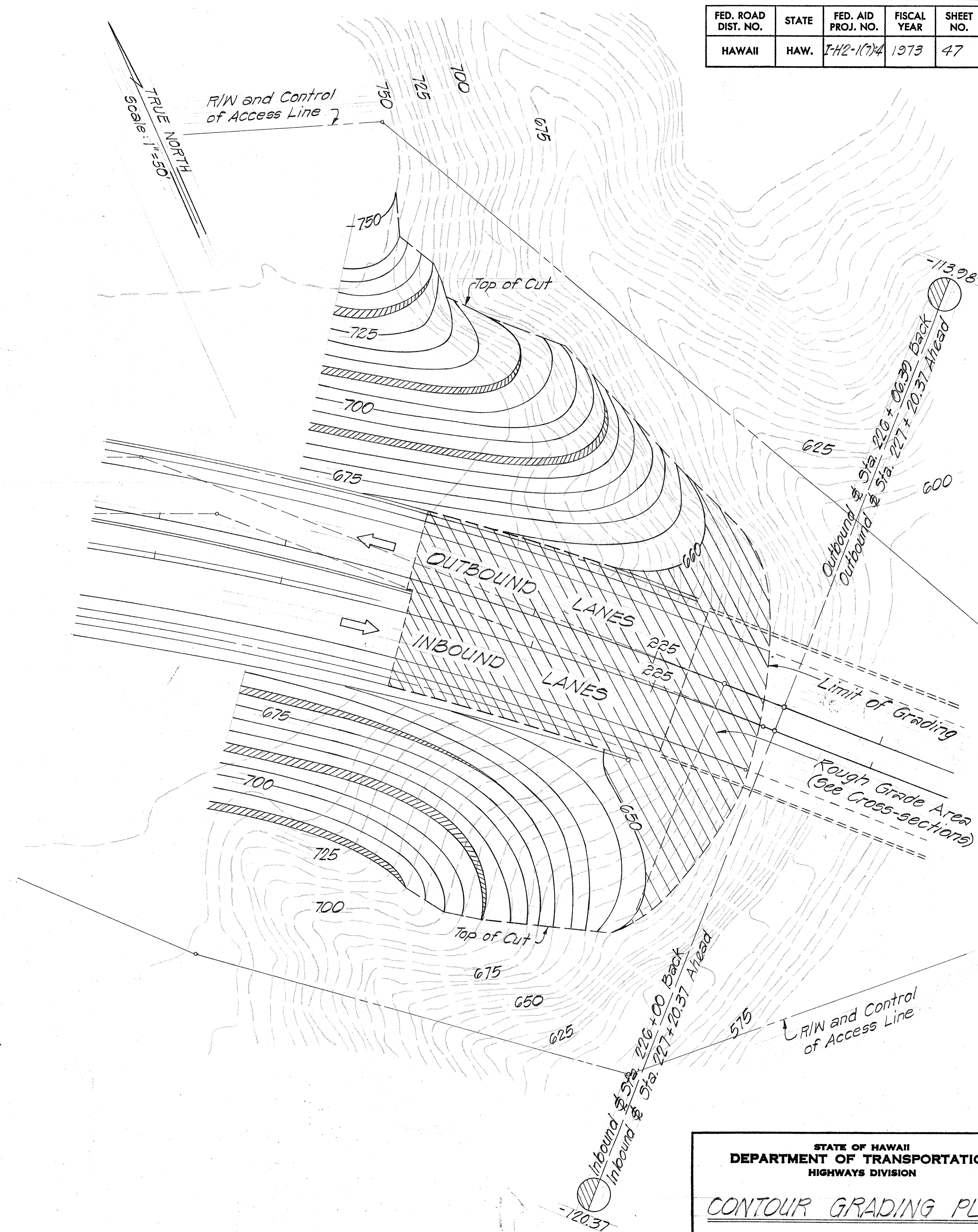
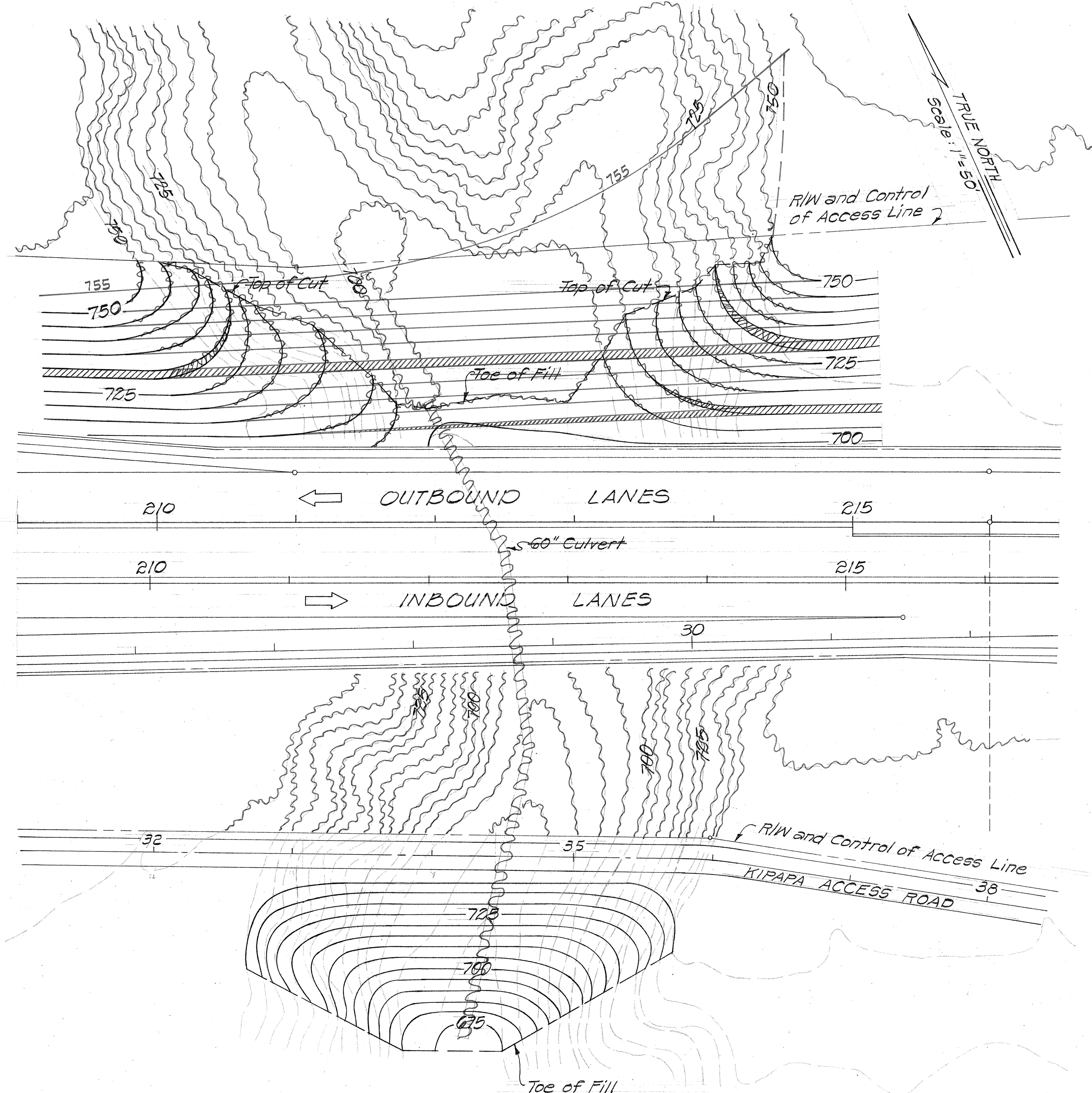
CONTOUR GRADING PLAN

INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
F.A.I. Proj. No. I-H2-1(7):4

Scale: 1"=50' Date: April, 1973

SHEET No. 6 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(7):4	1973	47	220



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONTOUR GRADING PLAN

INTERSTATE ROUTE H-2
MILILANI INTERCHANGE
F.A.I. Proj. No. I-H2-1(7):4

Scale: 1" = 50' Date: April, 1973

SHEET No. 7 OF 7 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	