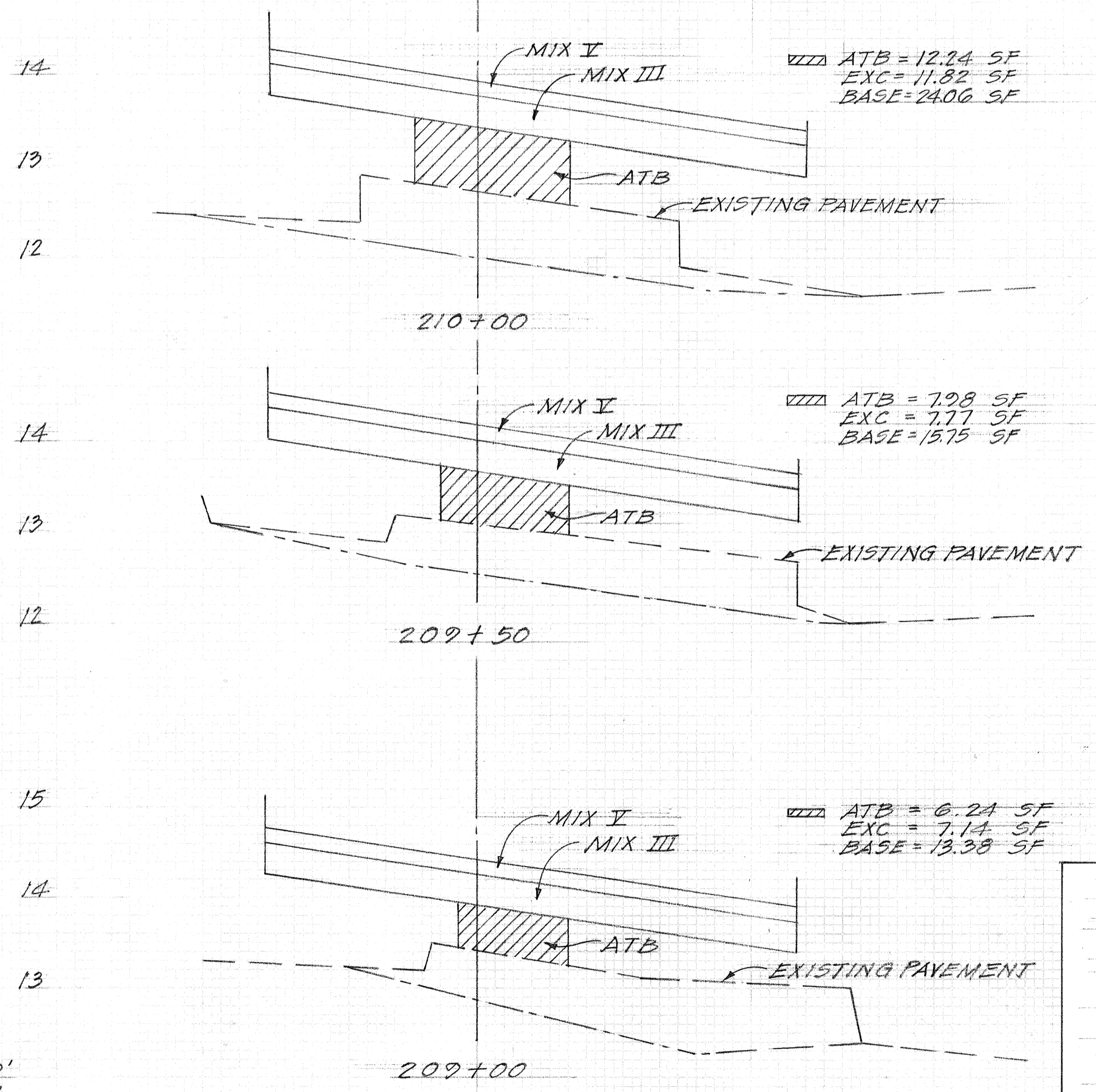
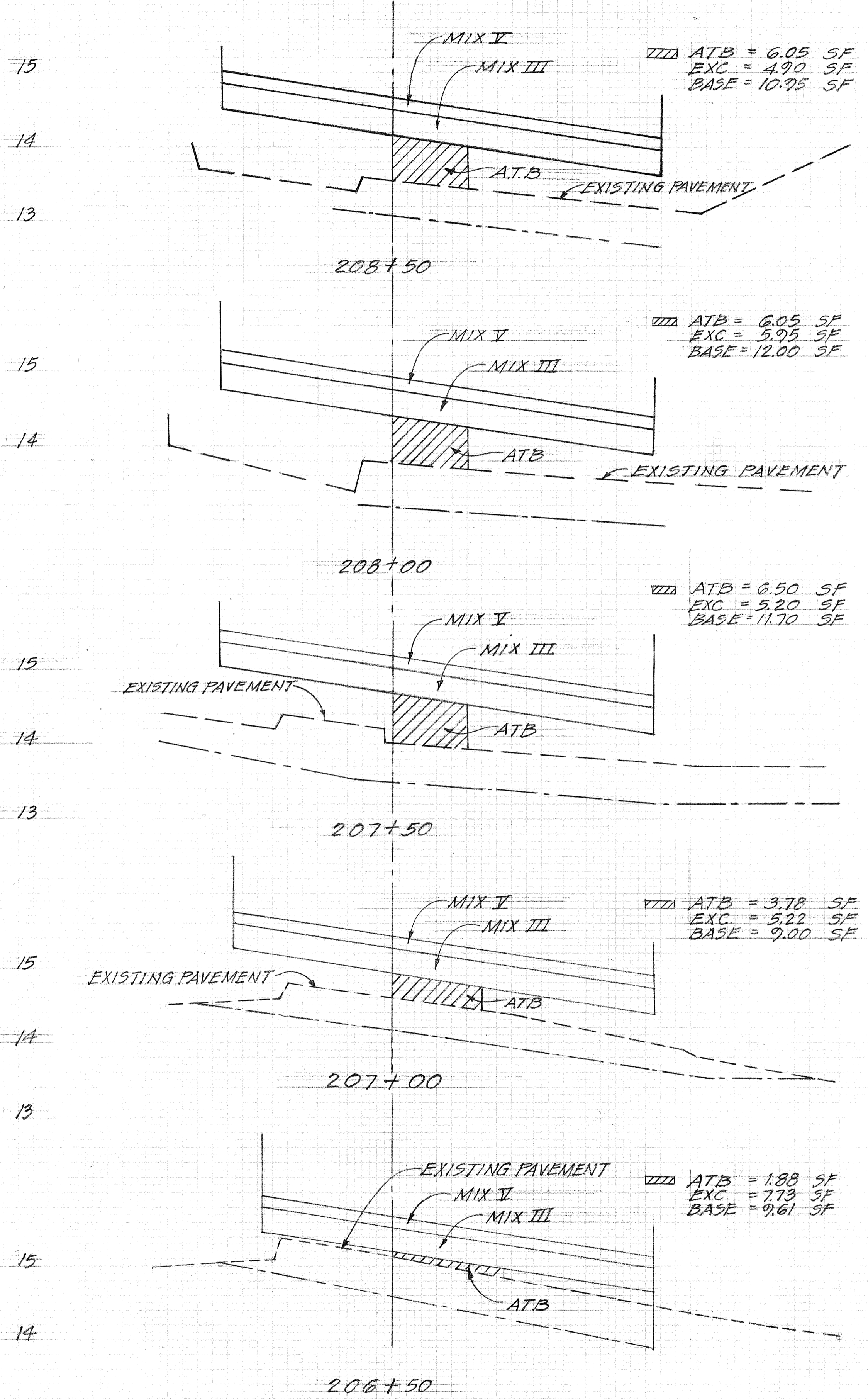
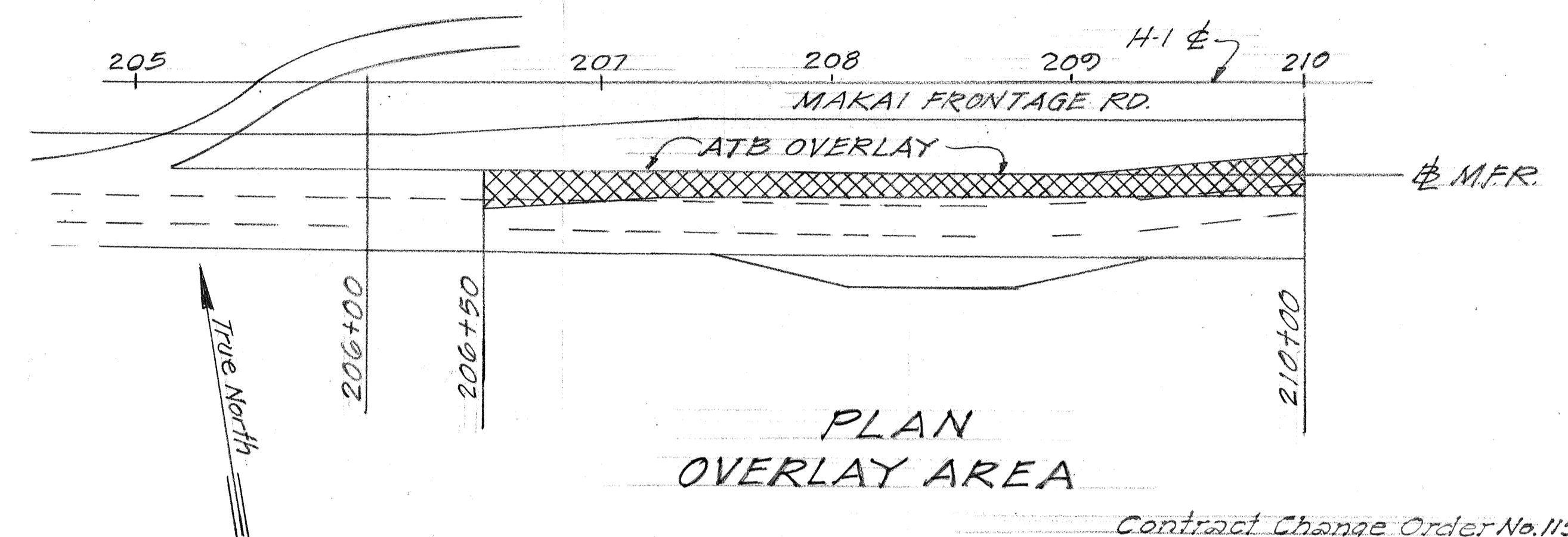


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(147):17	1980	326 S-1	338

NOTE: 1. Overlay the existing northern most traffic lane on the Makai Front Rd. between stas. 206+50 and 210+00 with Asphalt Treated Base (A.T.B.), in lieu of scarifying the existing pavement and laying aggregate base.
 2. The limits of this work are shown in cross-hatch areas and see cross section on this sheet.



40 30 20 10 0 10 20 30 40 50 60

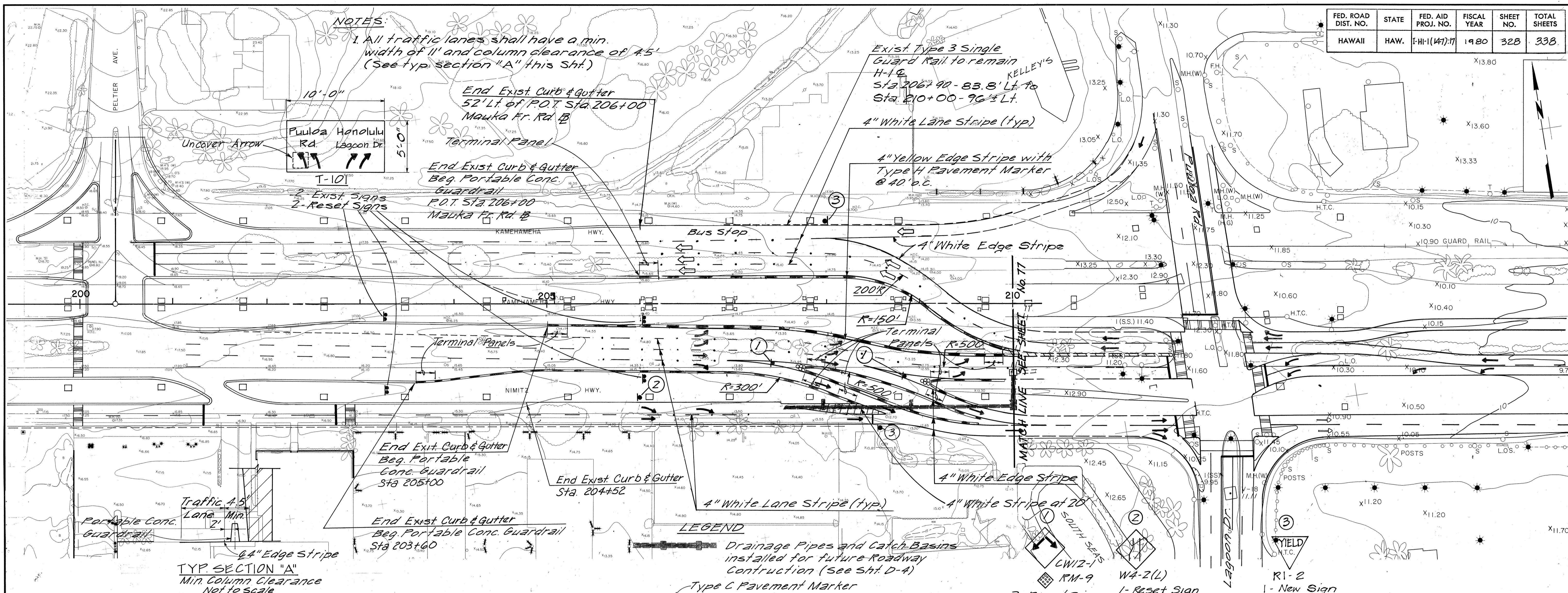
SCALE: HORIZ. 1" = 10'
 VERT. 1" = 1'

30 20 10 0 10 20 30 40 50 60

"AS-BUILT" POSTING
 Contract Change Order No. 115
 STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 MAKAI FRONTAGE ROAD
 STA. 206+50 TO 210+00
 INTERSTATE ROUTE H-1
 PROJECT NO. I-H-1(147):17
 SCALE: AS NOTED DATE: 4/2/79

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	[H-1(147):17]	1980	328	338

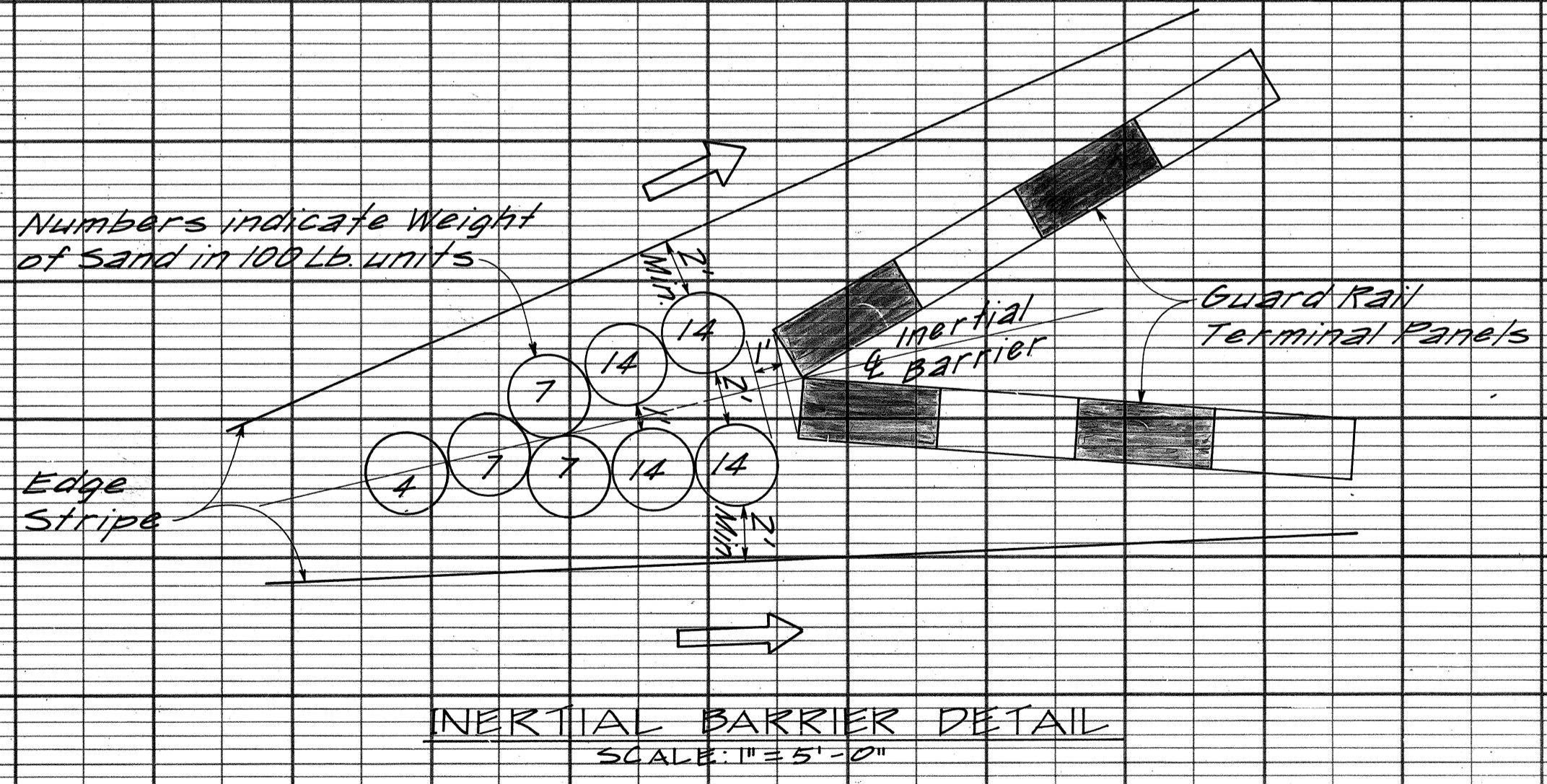
NOTES:
 1. All traffic lanes shall have a min. width of 11' and column clearance of 4.5' (See typ. section "A" this sht.)



TYP. SECTION "A"
 Min. Column Clearance
 Not to scale

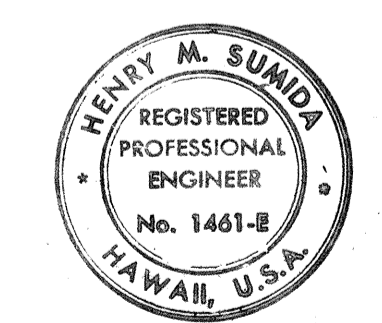
- LEGEND**
- Drainage Pipes and Catch Basins installed for future Roadway Construction (See sht. D-4)
 - Type C Pavement Marker
 - 4" White Lane Stripe
 - Inertial Barrier (See this Street for Detail)
 - Portable Conc. Guardrail
 - Direction of Traffic (Not Painted)
 - Painted Pavement Arrow

Numbers indicate Weight of Sand in 100 lb. units



INERTIAL BARRIER DETAIL
 SCALE: 1" = 5'-0"

NO.	DATE	REVISION
1	10-2-78	Revised Sign T-101



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Henry M. Sumida

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**FRONTAGE RD. CROSSOVER
 STAGE IB**

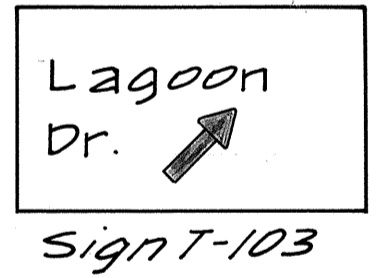
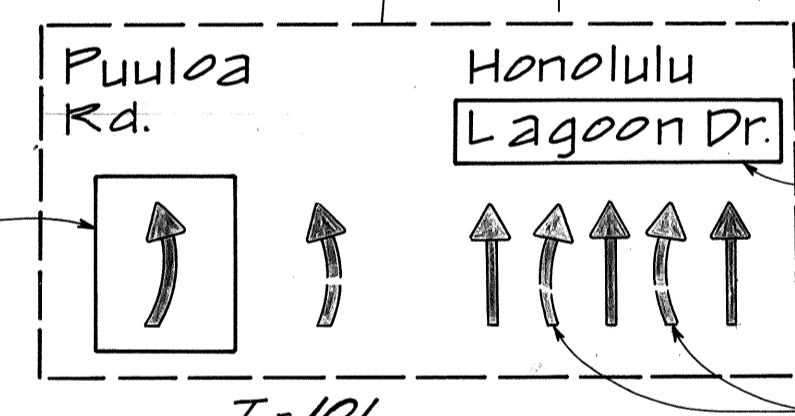
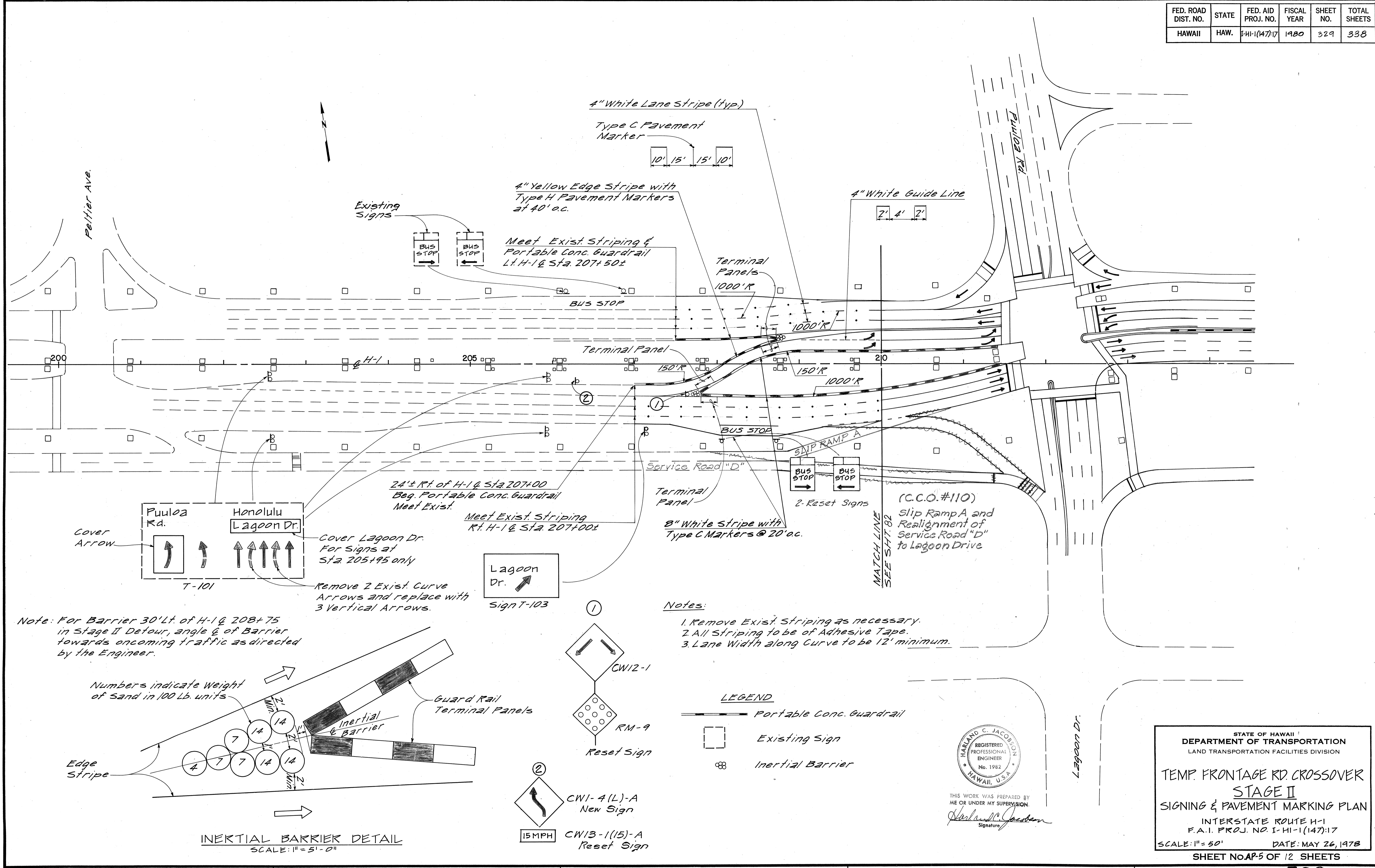
SIGNING & PAVEMENT MARKING PLAN

INTERSTATE ROUTE H-1
 F.A.I. PROJ. NO. I- HI-1(147): 17

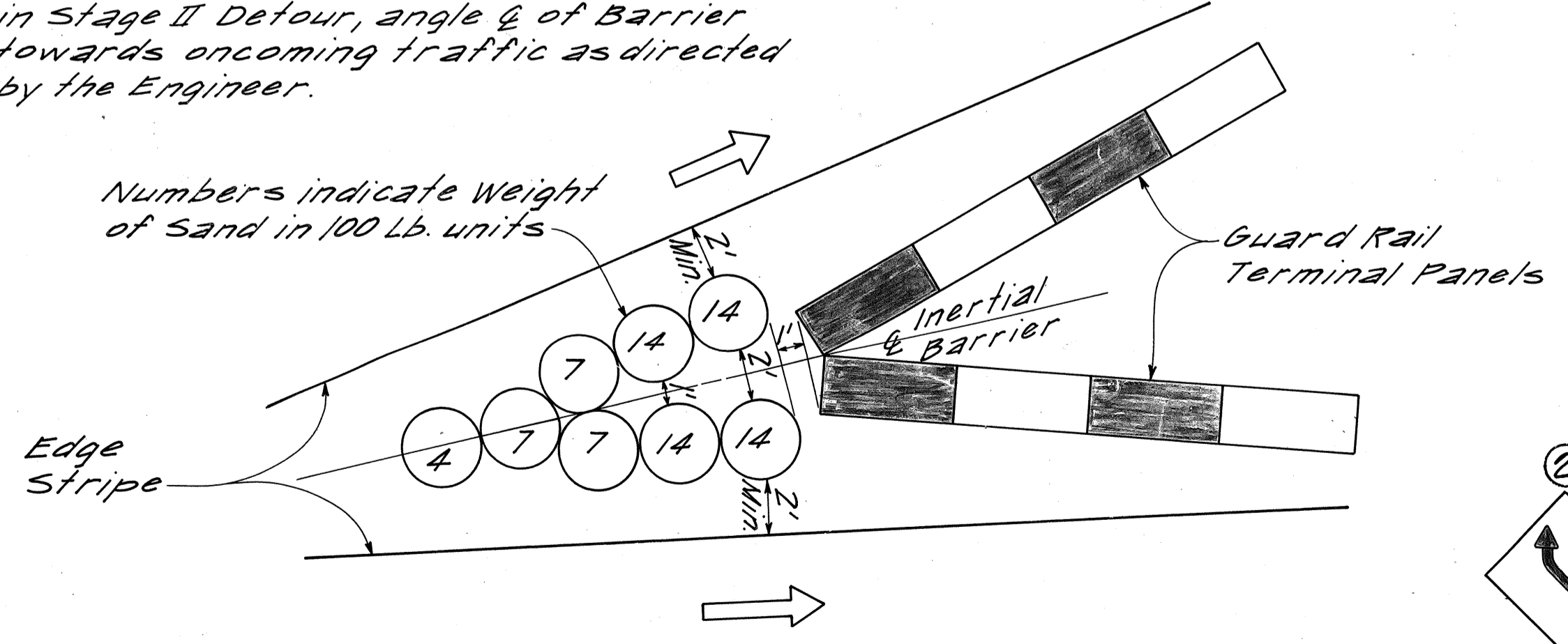
SCALE: 1" = 50' DATE: JULY 15, 1977

SHEET No. 4 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-HI-1(147):17	1980	329	338



Note: For Barrier 30' Lt. of H-1 @ 208+75 in Stage II Detour, angle & of Barrier towards oncoming traffic as directed by the Engineer.



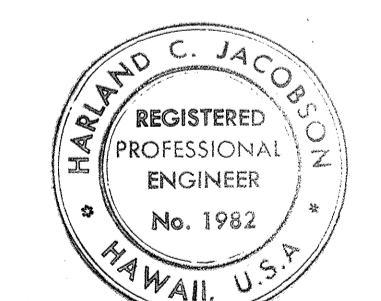
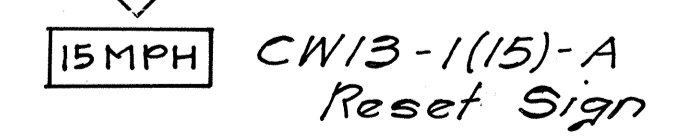
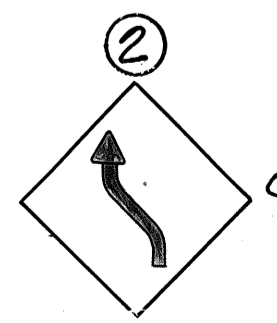
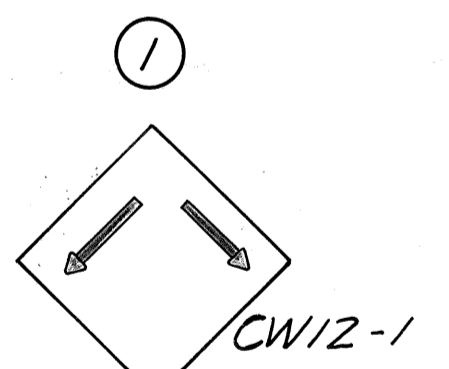
INERTIAL BARRIER DETAIL
SCALE: 1" = 5'-0"

Notes:

1. Remove Exist Striping as necessary.
2. All Striping to be of Adhesive Tape.
3. Lane Width along Curve to be 12' minimum.

LEGEND

- Portable Conc. Guardrail
- Existing Sign
- ⊗ Inertial Barrier



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Harling C. Jacobson
Signature

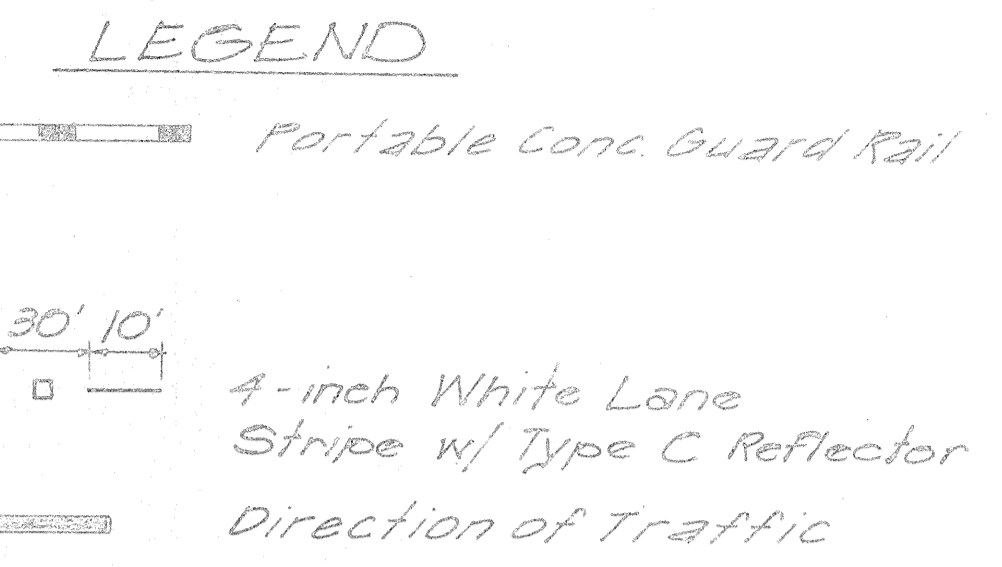
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

TEMP. FRONTAGE RD. CROSSOVER
STAGE II
SIGNING & PAVEMENT MARKING PLAN

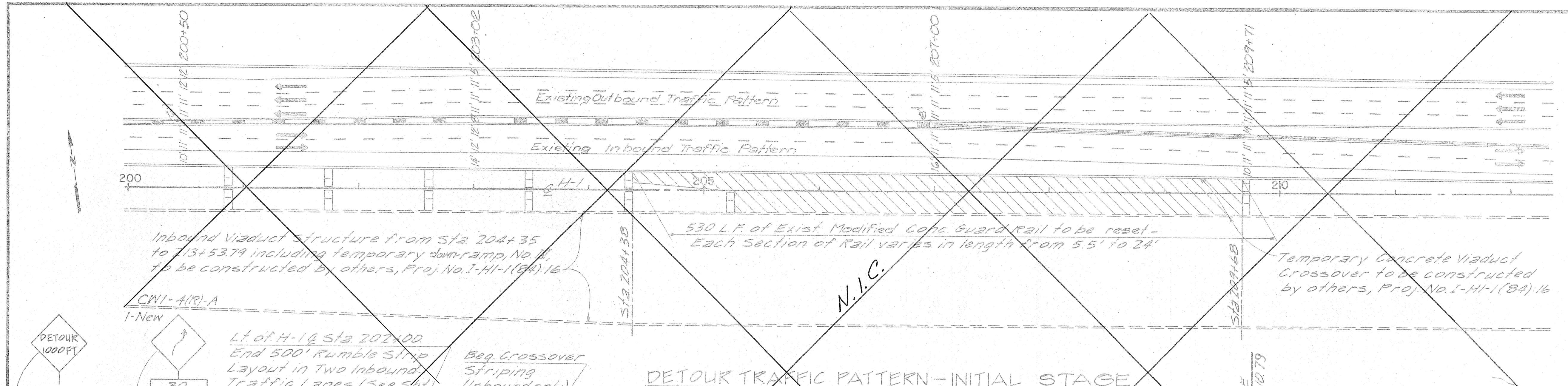
INTERSTATE ROUTE H-1
F.A.I. PROJ. NO. I-HI-1(147):17
SCALE: 1" = 50' DATE: MAY 26, 1978
SHEET No. AP-5 OF 12 SHEETS

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

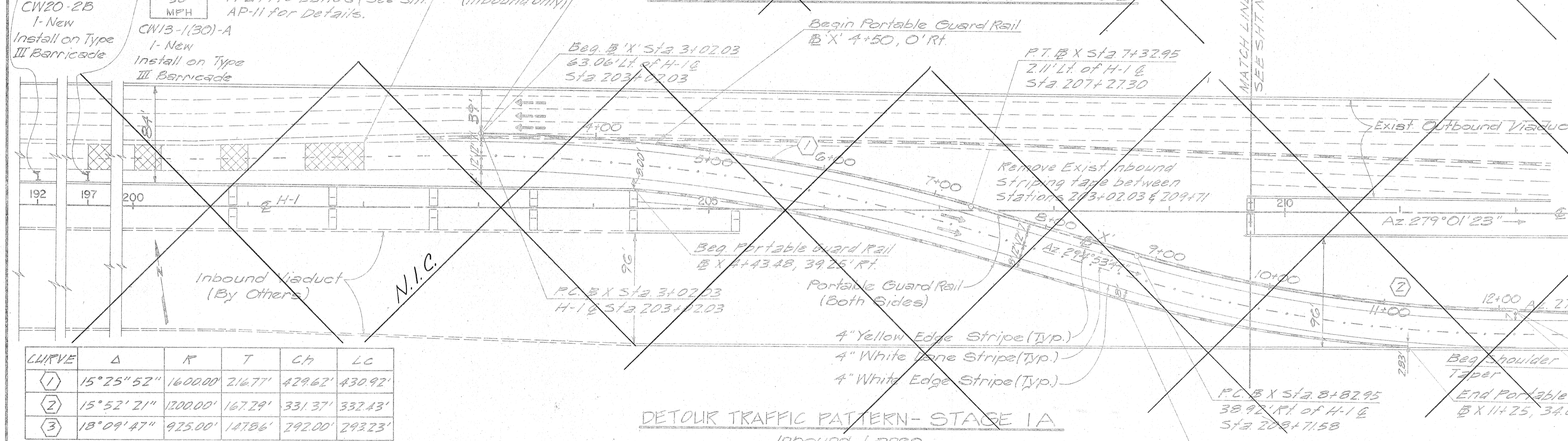
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(147)-17	1980	330	338



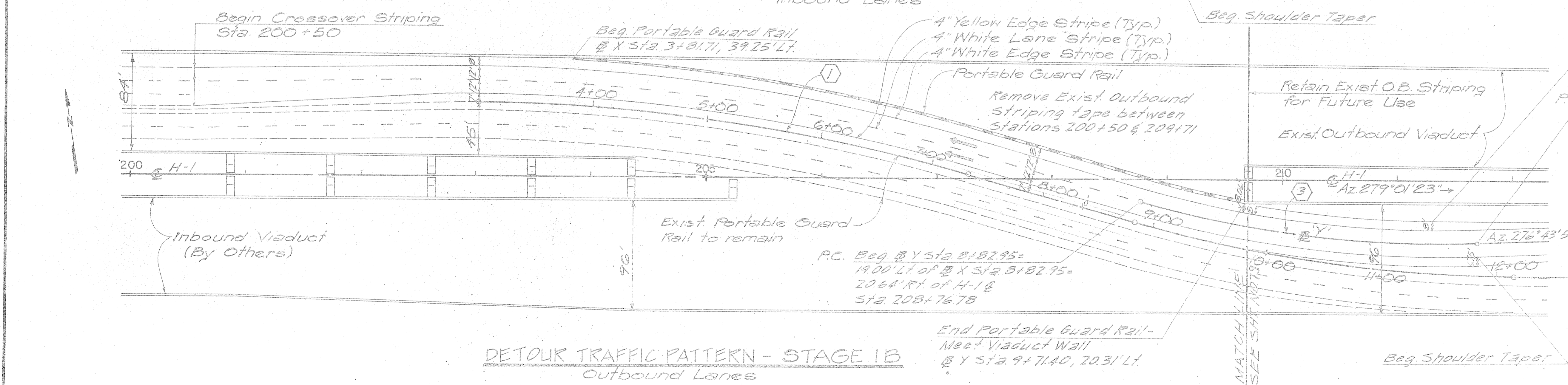
Note: All stripes on crossover shall be of adhesive tape and applied directly to exist concrete deck.



DETOUR TRAFFIC PATTERN - INITIAL STAGE



DETOUR TRAFFIC PATTERN - STAGE IA



DETOUR TRAFFIC PATTERN - STAGE IB

CURVE	Δ	R	T	Ch	Lc
1	15°25'52"	1600.00'	216.77'	429.62'	430.92'
2	15°52'21"	1200.00'	167.29'	331.37'	332.43'
3	18°09'47"	925.00'	147.86'	292.00'	293.23'

SURVEY PLOTTED BY: _____ DATE: _____
 DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____
 NO. _____

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES

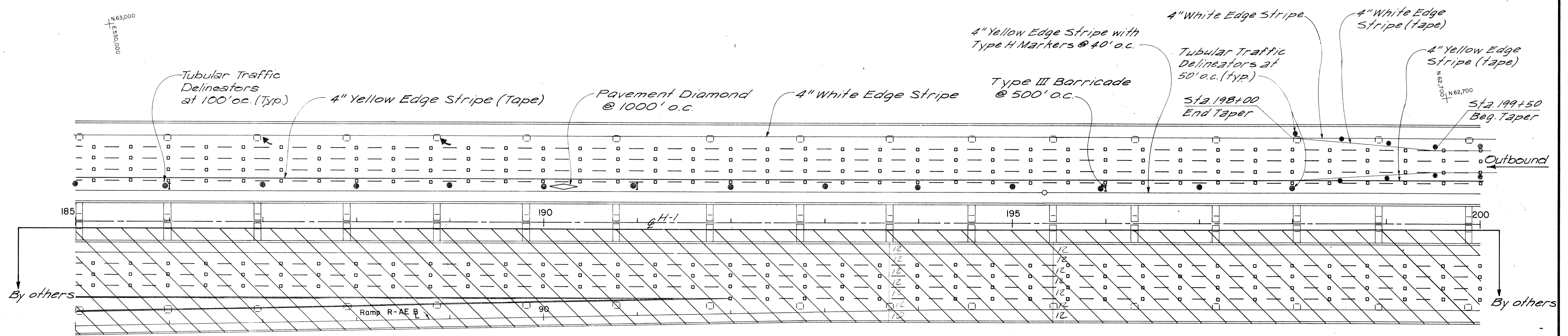
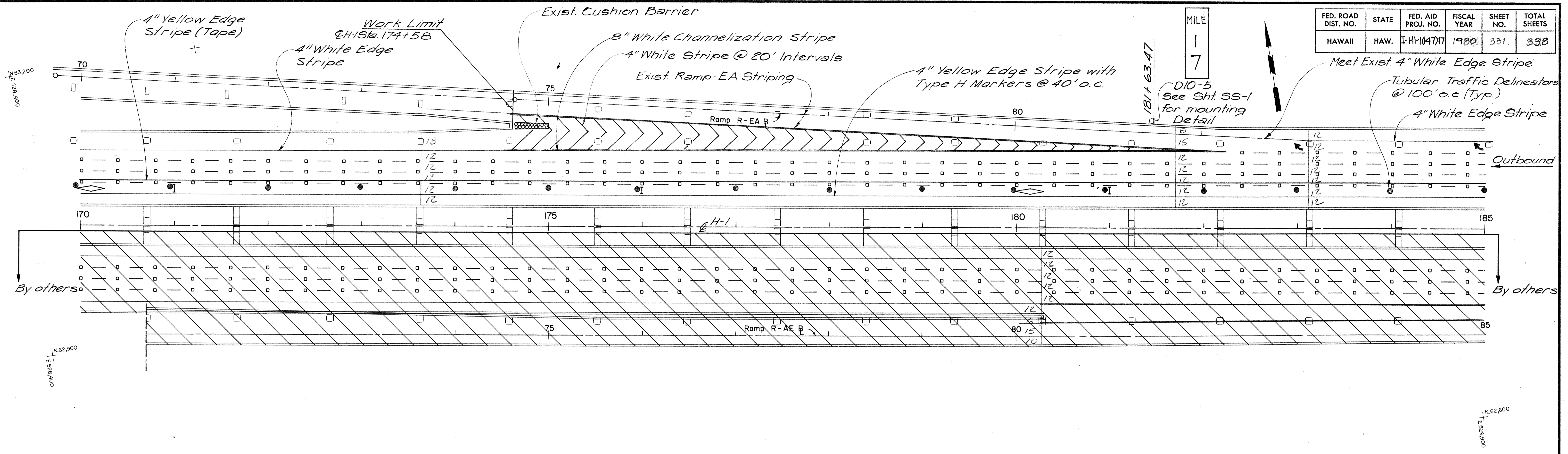
**TEMP. VIADUCT CROSSOVER
 STAGE IA & IB SIGNING
 & PAVEMENT MARKING PLAN**

INTERSTATE ROUTE H-1
 PROJ. NO. I-HI-1(147)-17

SCALE: 1" = 50' DATE: MAY 26, 1978
 SHEET No. AP-60F SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(47)17	1980	331	338

MILE
1
7

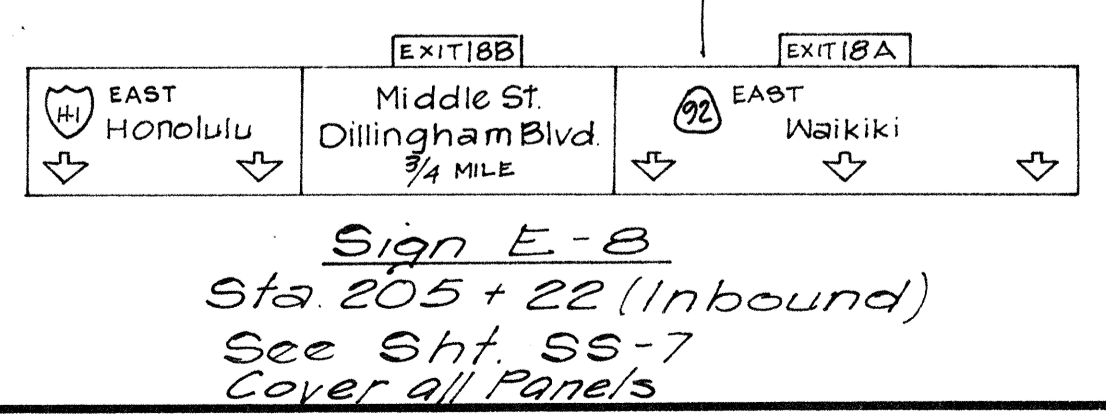
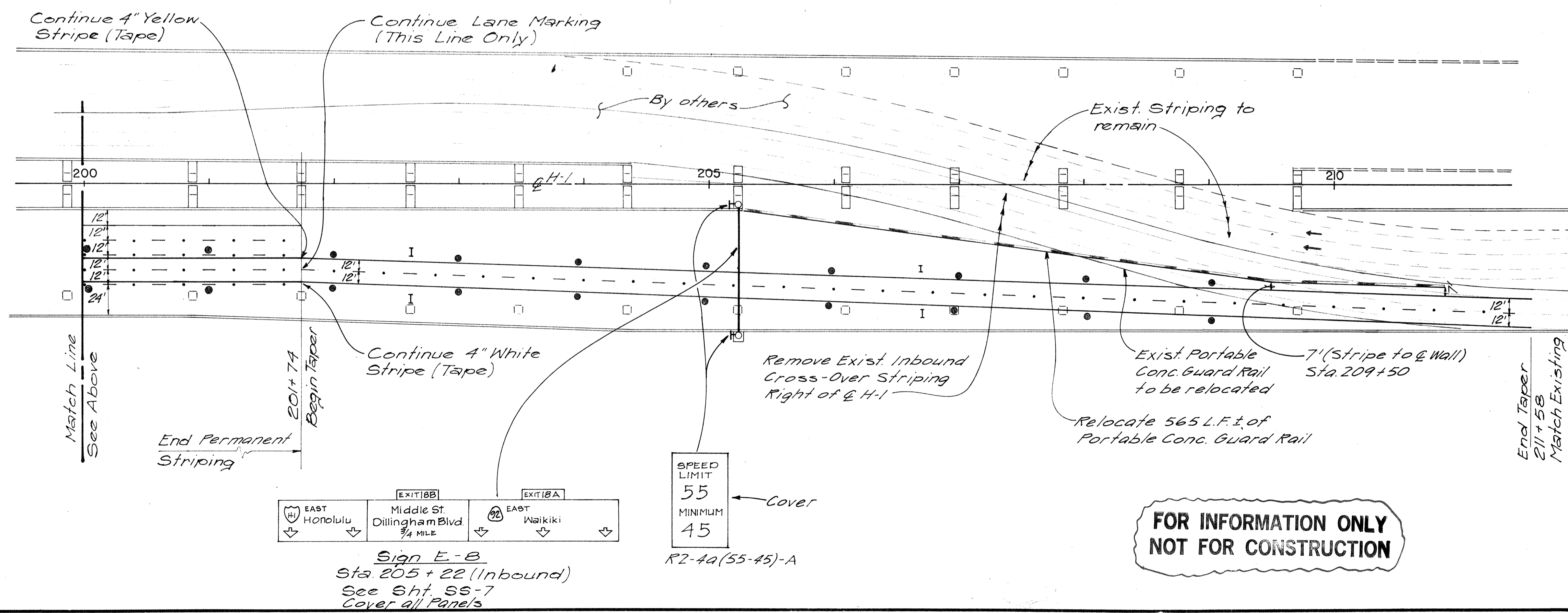
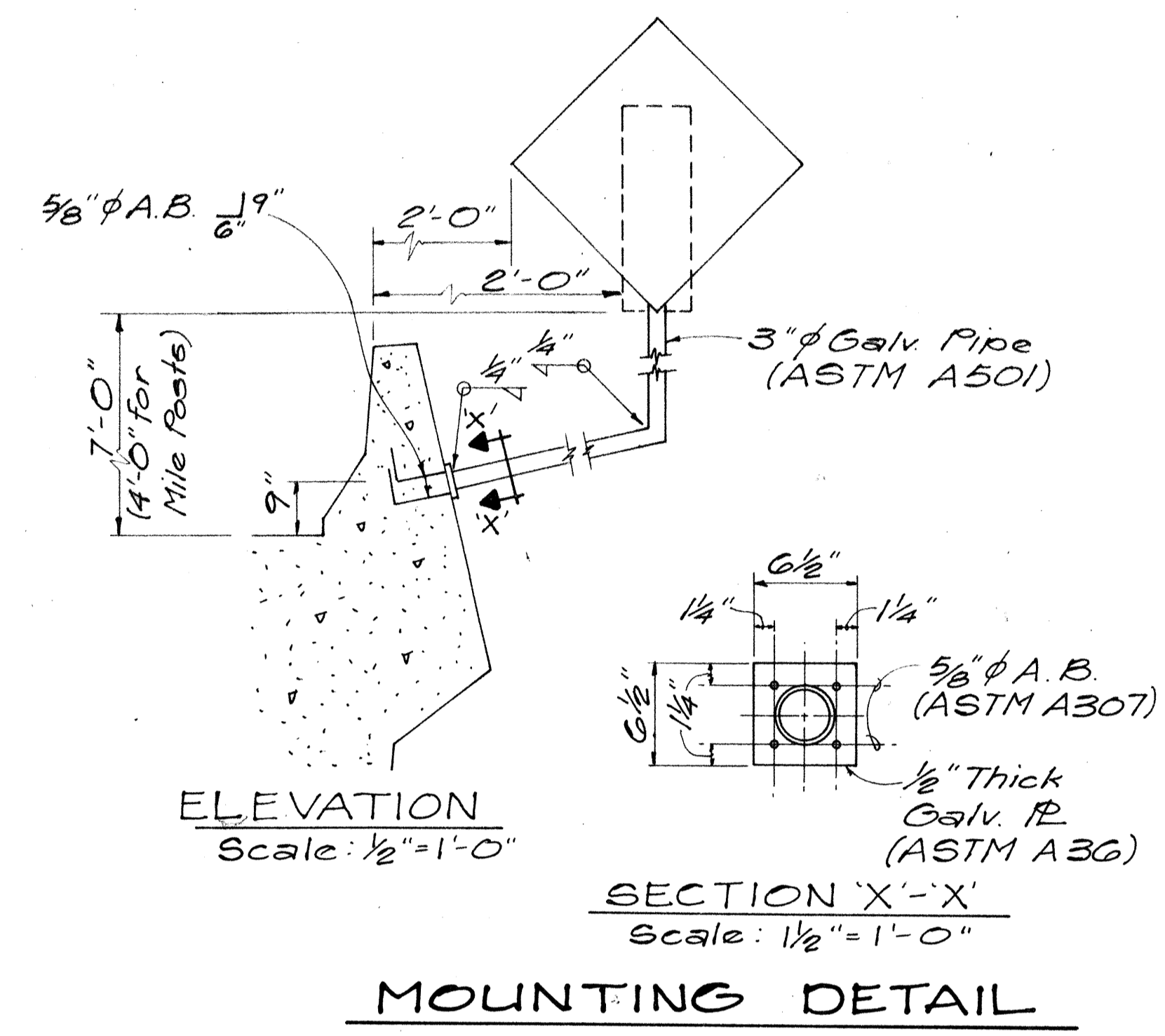
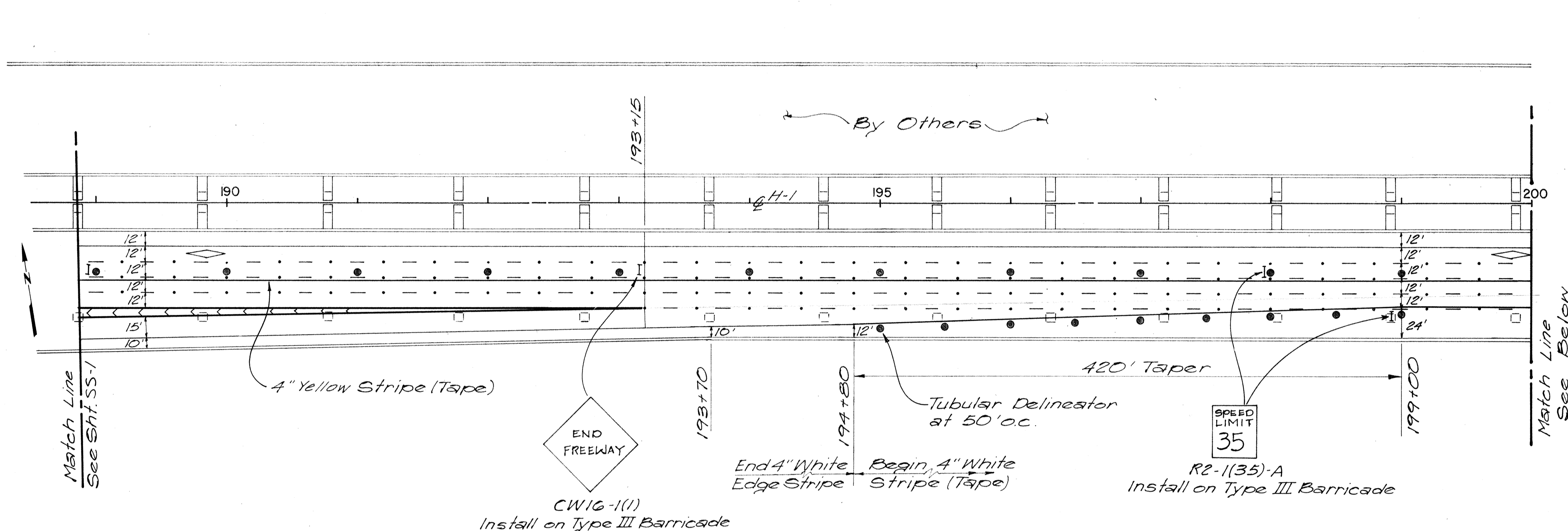


**FOR INFORMATION ONLY
NOT FOR CONSTRUCTION**

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**SIGNING & STRIPING
OUTBOUND VIADUCT**
CONSTRUCTED IN
AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(124) :16
SCALE: 1" = 50' DATE: AUG. 9, 1977
SHEET No. AP-7 OF 12 SHEETS

SURVEY PLOTTED BY	DATE
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.	I-HI-1(147)-17	1980	333	338



**FOR INFORMATION ONLY
NOT FOR CONSTRUCTION**

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES

SIGNING & STRIPING

CONSTRUCTED IN
AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(84):16

SCALE: 1" = 50' DATE: MAY 26, 1976

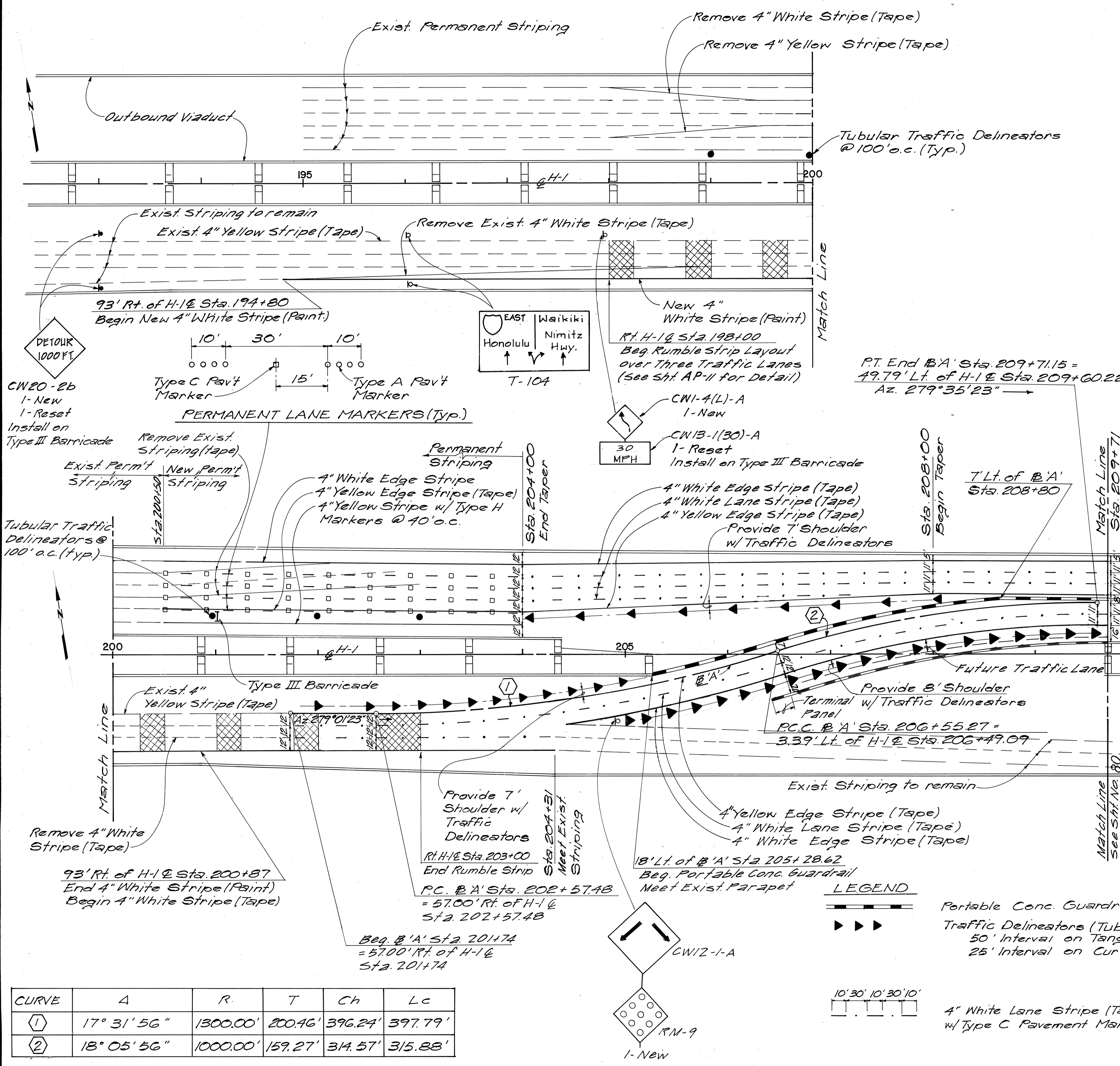
SHEET No. APAOF 12 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED 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.	I-HI-1(147)-17	1980	334	338

GUARD RAIL AND INERTIAL BARRIER SUMMARY

STAGE	FROM	TO	Portable Conc. Barrier (Lin. Ft.)	Portable Conc. Terminal Panel (Each)	Inertial Barrier (Each)
GROUND LEVEL DETOUR (H-1 @ STA.)					
IB	29' Lt - 206+00	45' Rt - 209+90	360	2	
	22' Rt - 205+00	55' Rt - 209+90	440	2	
	68' Rt - 207+75	123' Rt - 209+65	180	1	
	72' Rt - 207+75	128' Rt - 209+65	180	1	
	83' Rt - 203+60	105' Rt - 208+30	340	2	
		70' Rt - 207+70	85' Rt - 209+05		
II	24' Rt - 207+00	28' Lt - 208+70	160	1	
	27' Lt - 207+50	30' Lt - 208+70	100	1	
	34' Rt - 207+80	15' Lt - 210+00	210	1	
	34' Rt - 207+80	15' Lt - 210+00	210	1	
		35' Rt - 207+75			1
VIADUCT DETOUR					
IB	39.25' Lt - 3+81.71 B'X'	20.31' Lt - 9+71.04 B'X'	590		
	18' Rt - 205+28.62 B'A'	53' Lt - 209+71 H-1 @	455		
II	44' Rt - 206+35.27 B'A'	11' Lt - 209+71 H-1 @	327	1	
TOTALS			3552*	13*	4*



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
 Harland C. Jacobson
 Signature

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

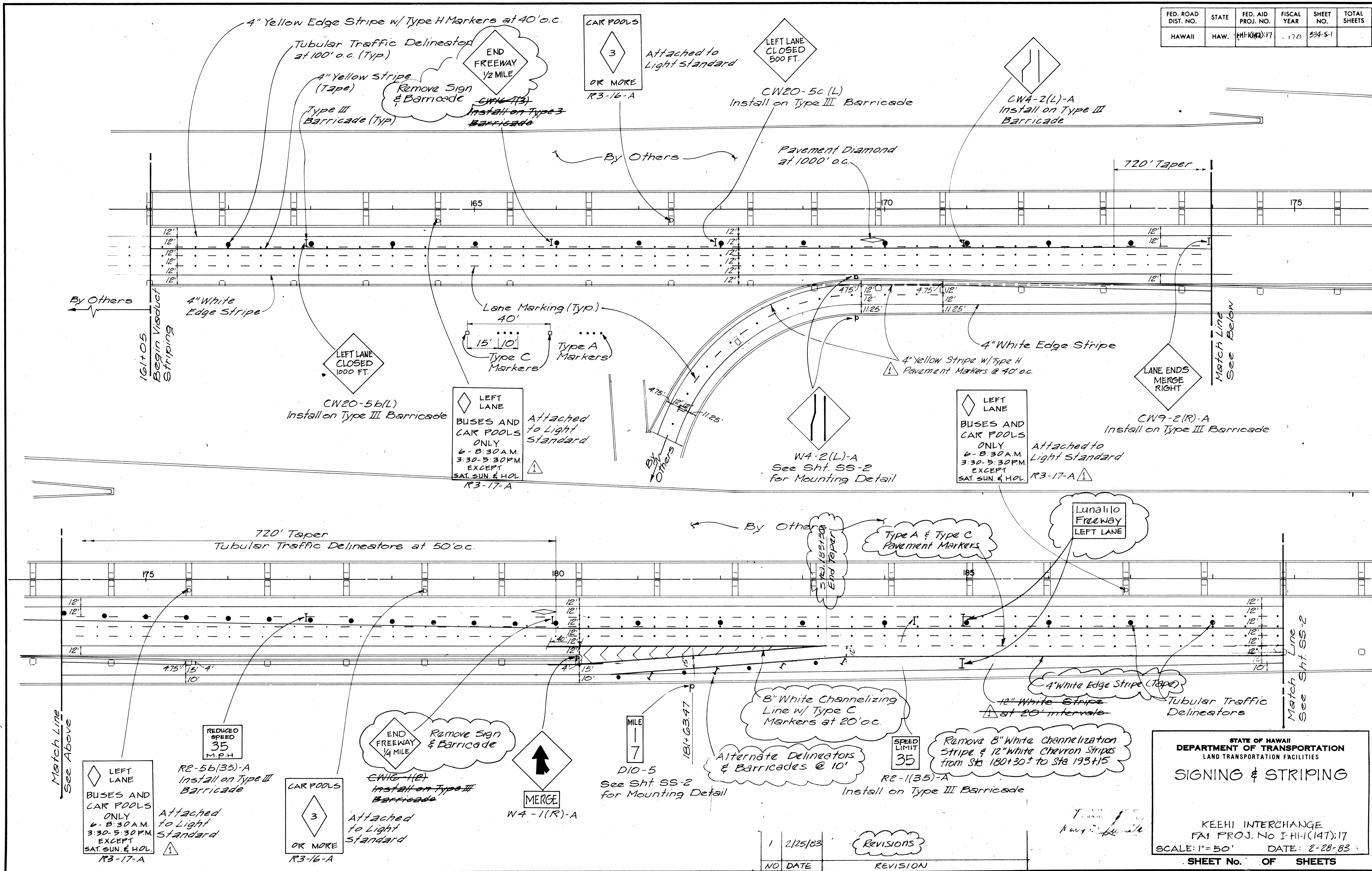
**TEMP. VIADUCT CROSSOVER
 STAGE II
 SIGNING & PAVEMENT MARKING PLAN**

INTERSTATE ROUTE H-1
 F.A.I. PROJ. NO. I-HI-1(147)-17

SCALE: 1" = 50' DATE: MAY 26, 1978
 SHEET No. AP-10 OF 12 SHEETS

DATE	
DESIGNED BY	
CHECKED BY	
QUANTITIES BY	
TRACED BY	
DRAWN BY	
PLANNED BY	
ORIGINAL PLAN	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HI-100(17)	1983	534-5-1	



DATE	_____
DESIGNED BY	_____
TRACED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
NO.	_____

NO.	DATE	REVISION
1	2/25/83	Revisions

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES

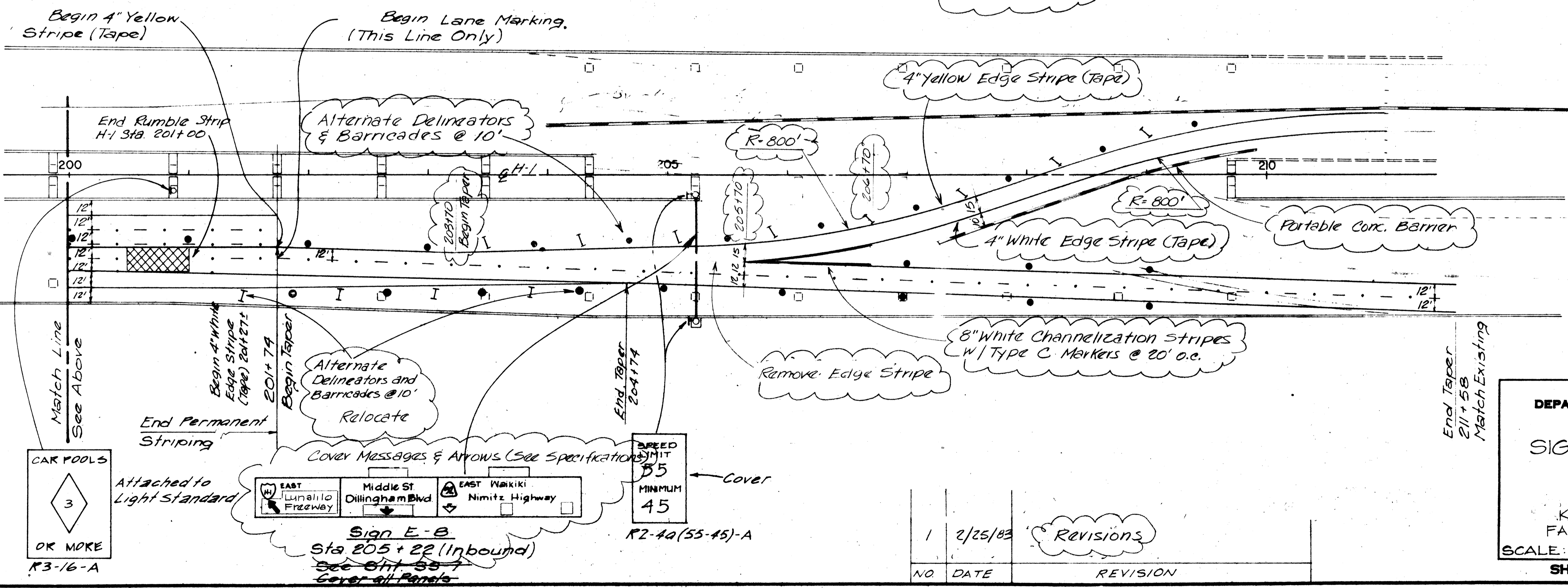
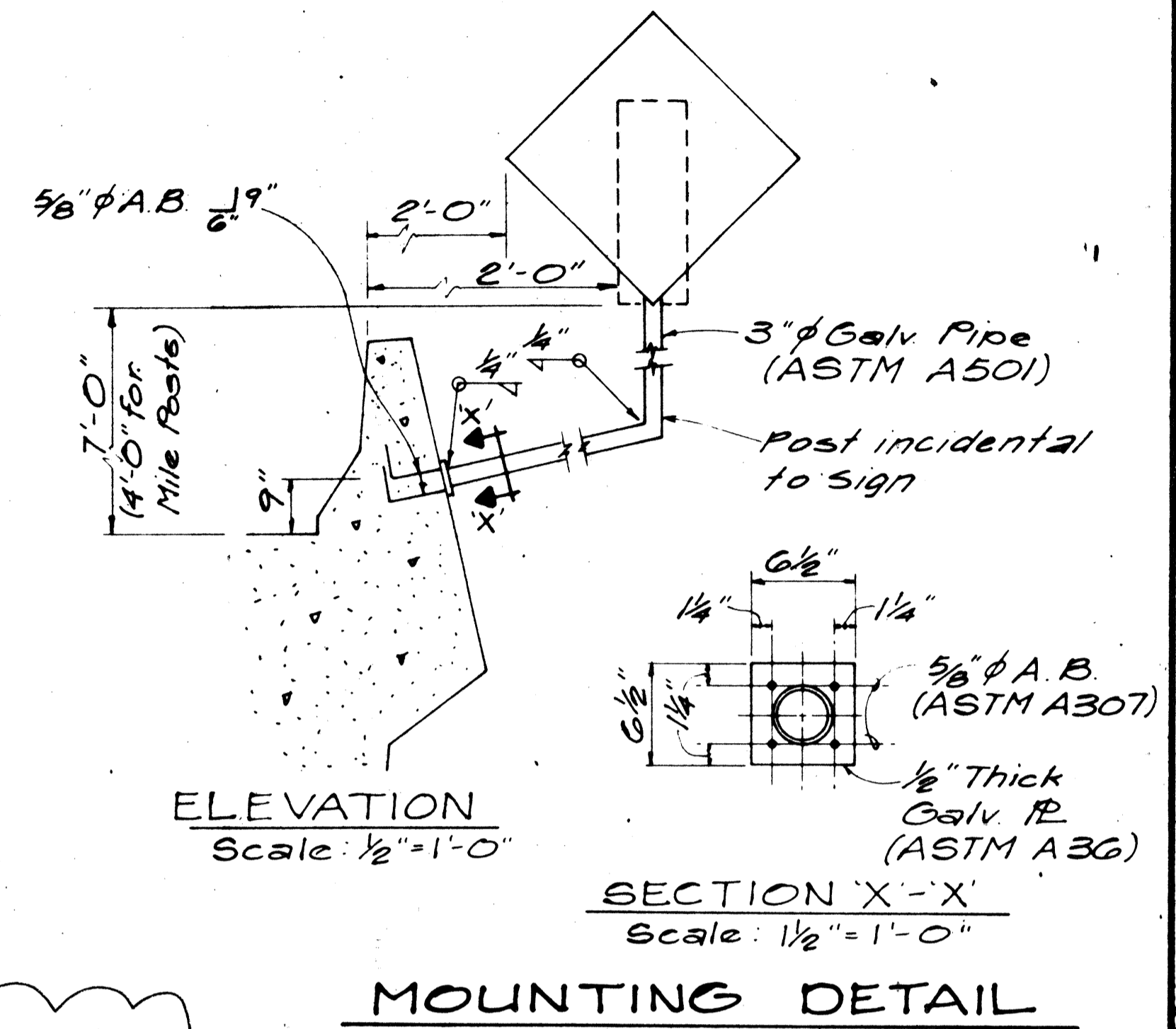
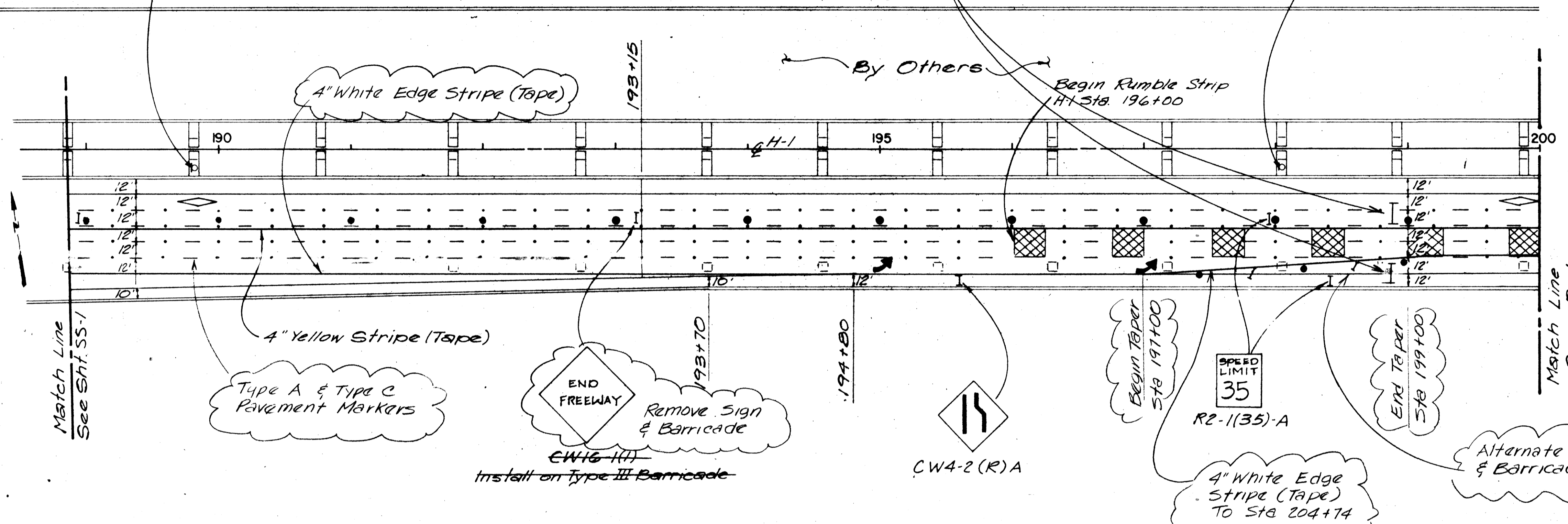
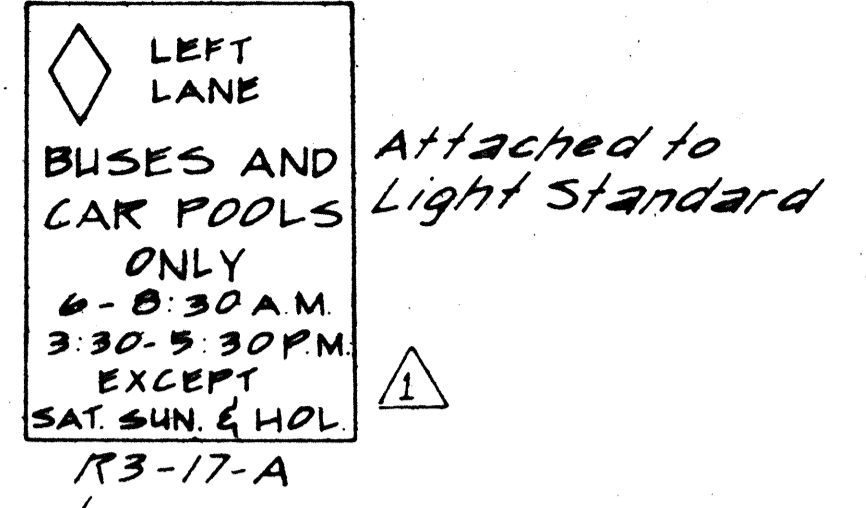
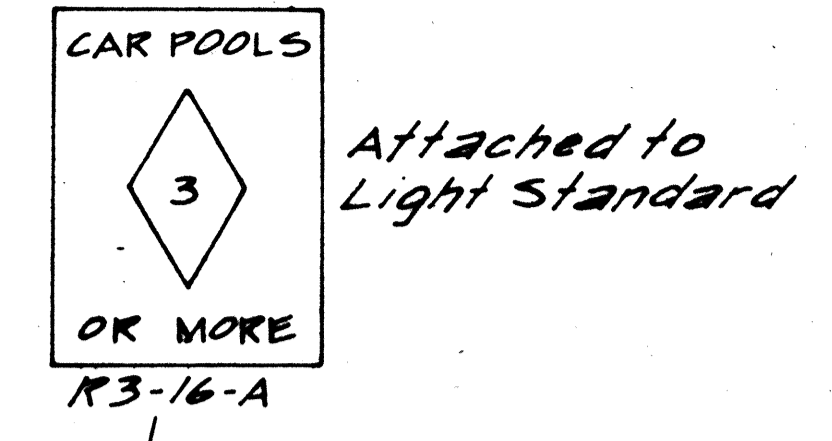
SIGNING & STRIPING

KEEHI INTERCHANGE
FAI PROJ. No I-HI-1(147):17
SCALE: 1" = 50' DATE: 2-28-83

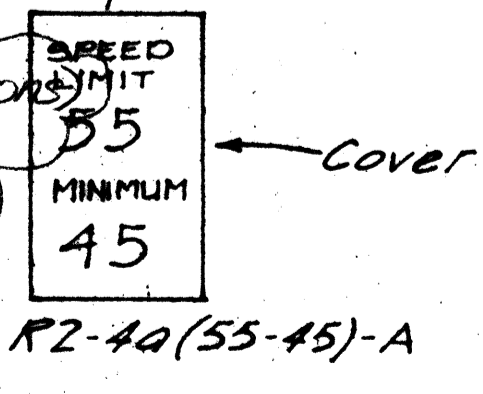
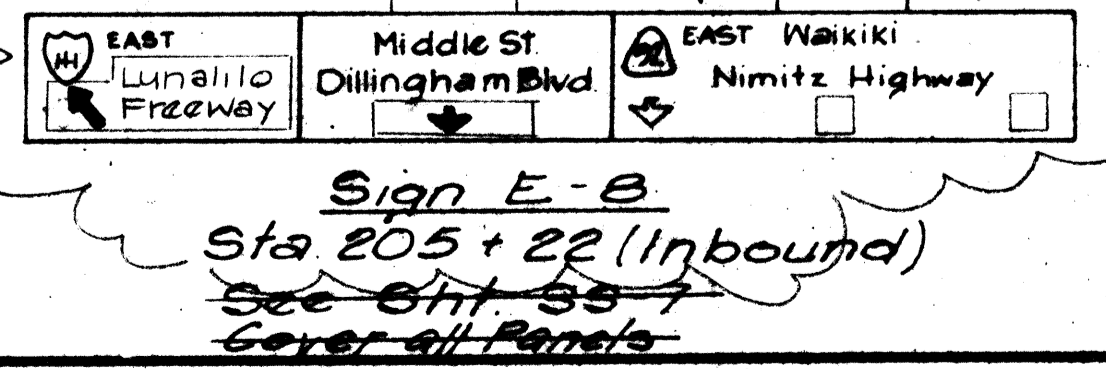
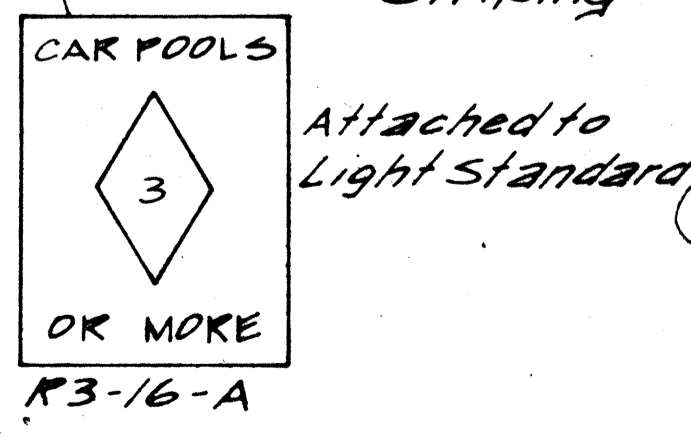
SHEET No. OF SHEETS

00334 S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(47)17	00	52-52	



DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	



NO	DATE	REVISION
1	2/25/83	Revisions

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES

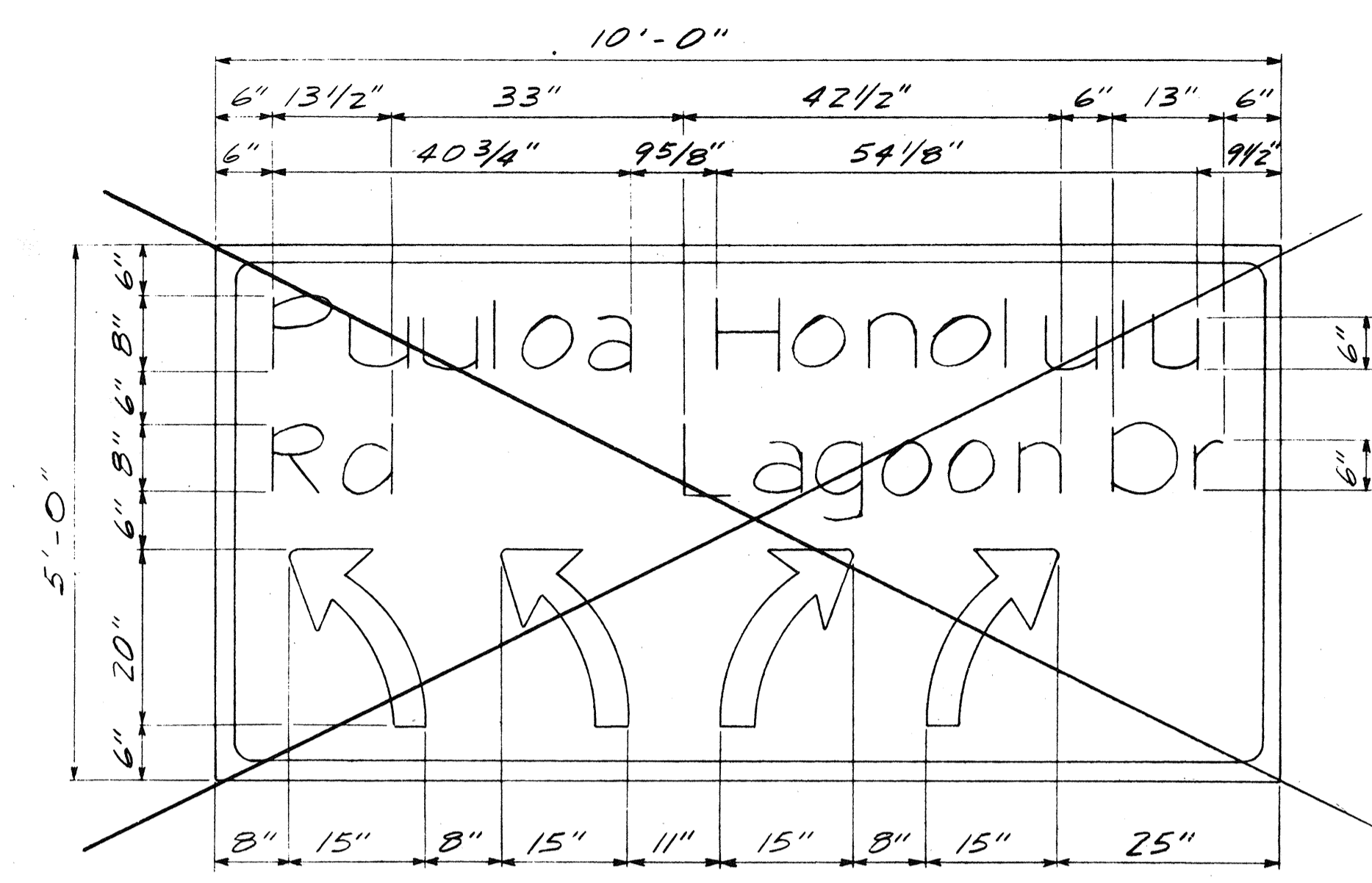
SIGNING & STRIPING

KEEHI INTERCHANGE,
FAI PROJ. No 1-HI-1(47)17
SCALE: 1" = 50' DATE: 2-28-83

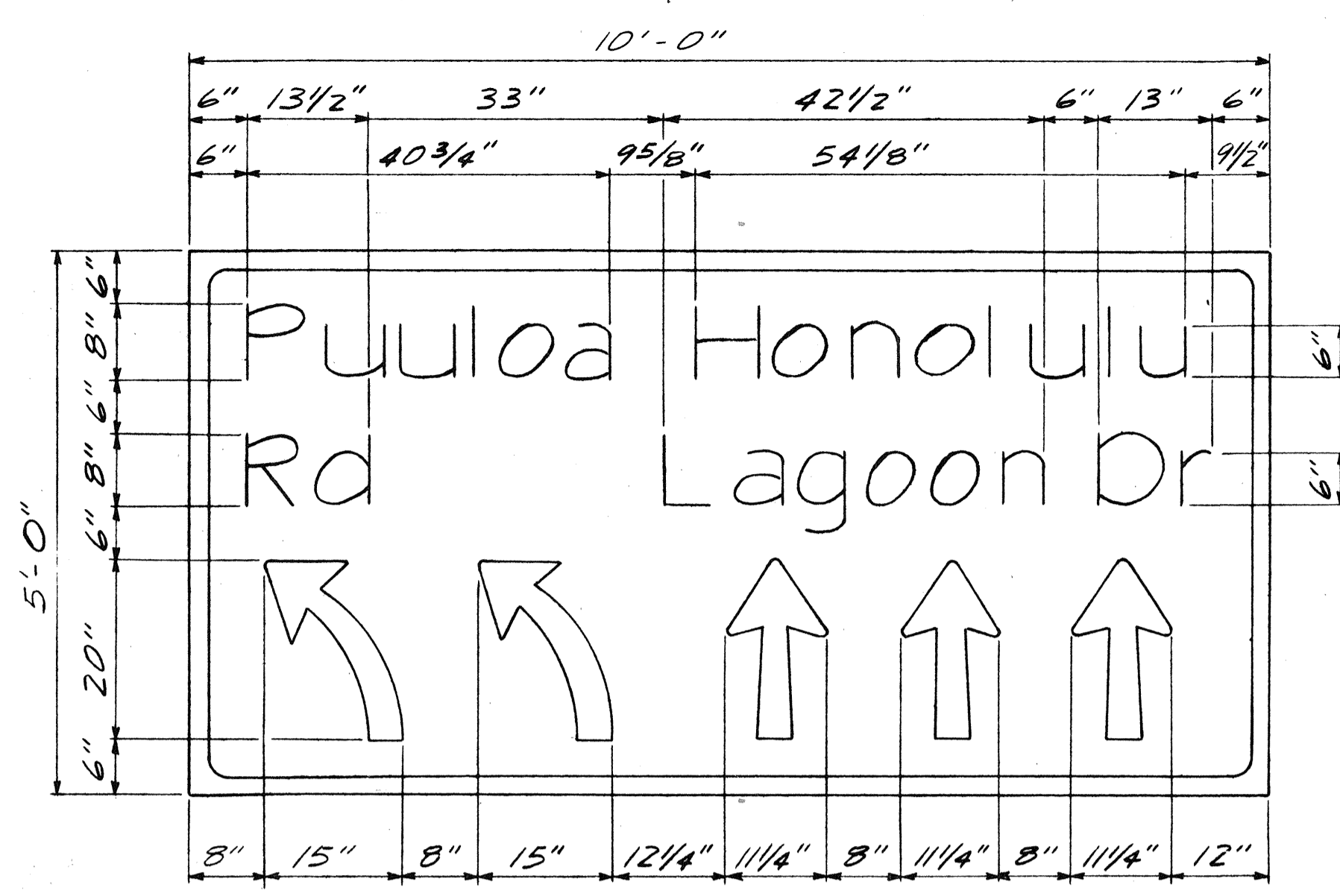
SHEET No. OF SHEETS

C0334 S-2

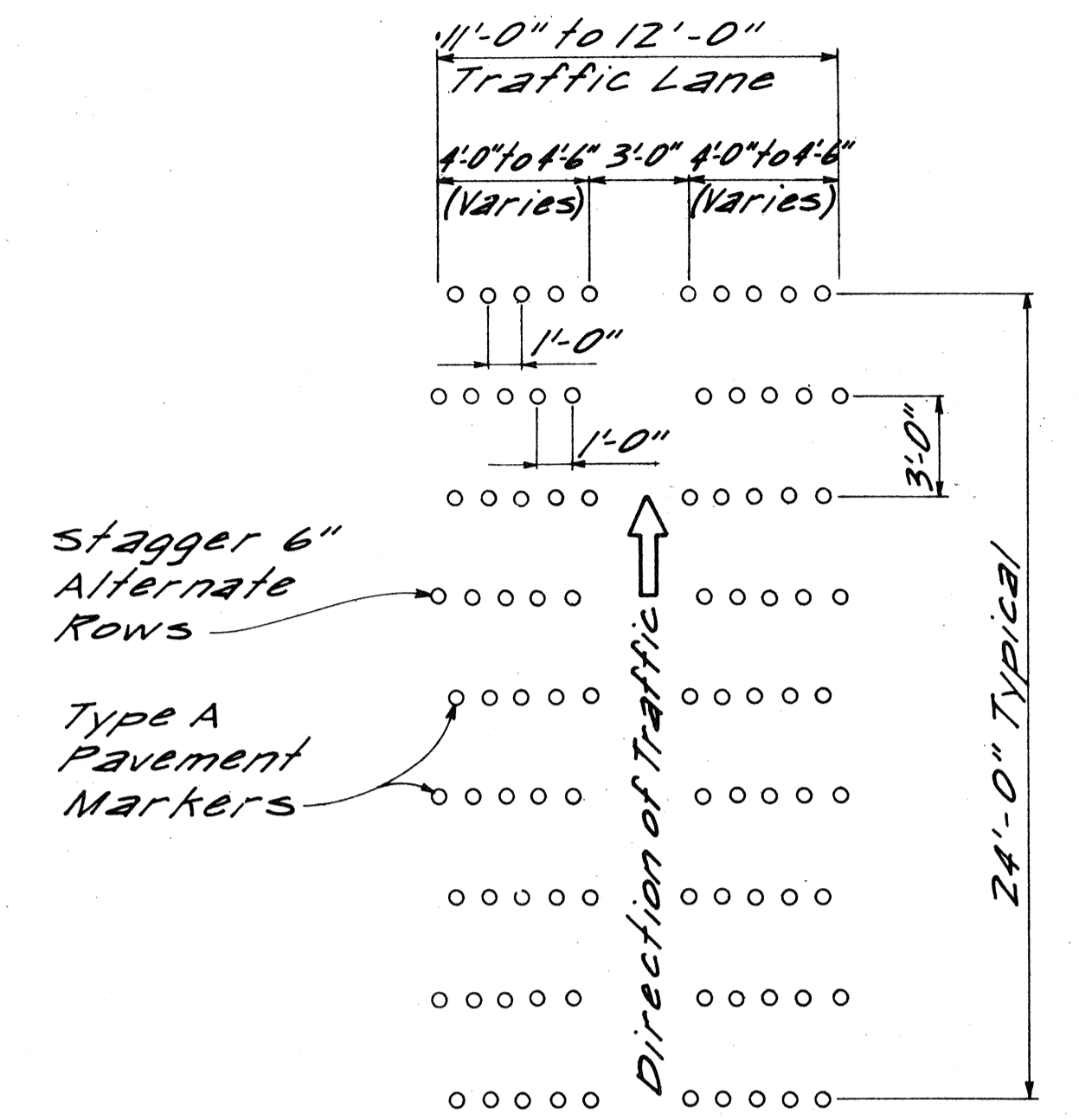
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(147)17	1980	335	338



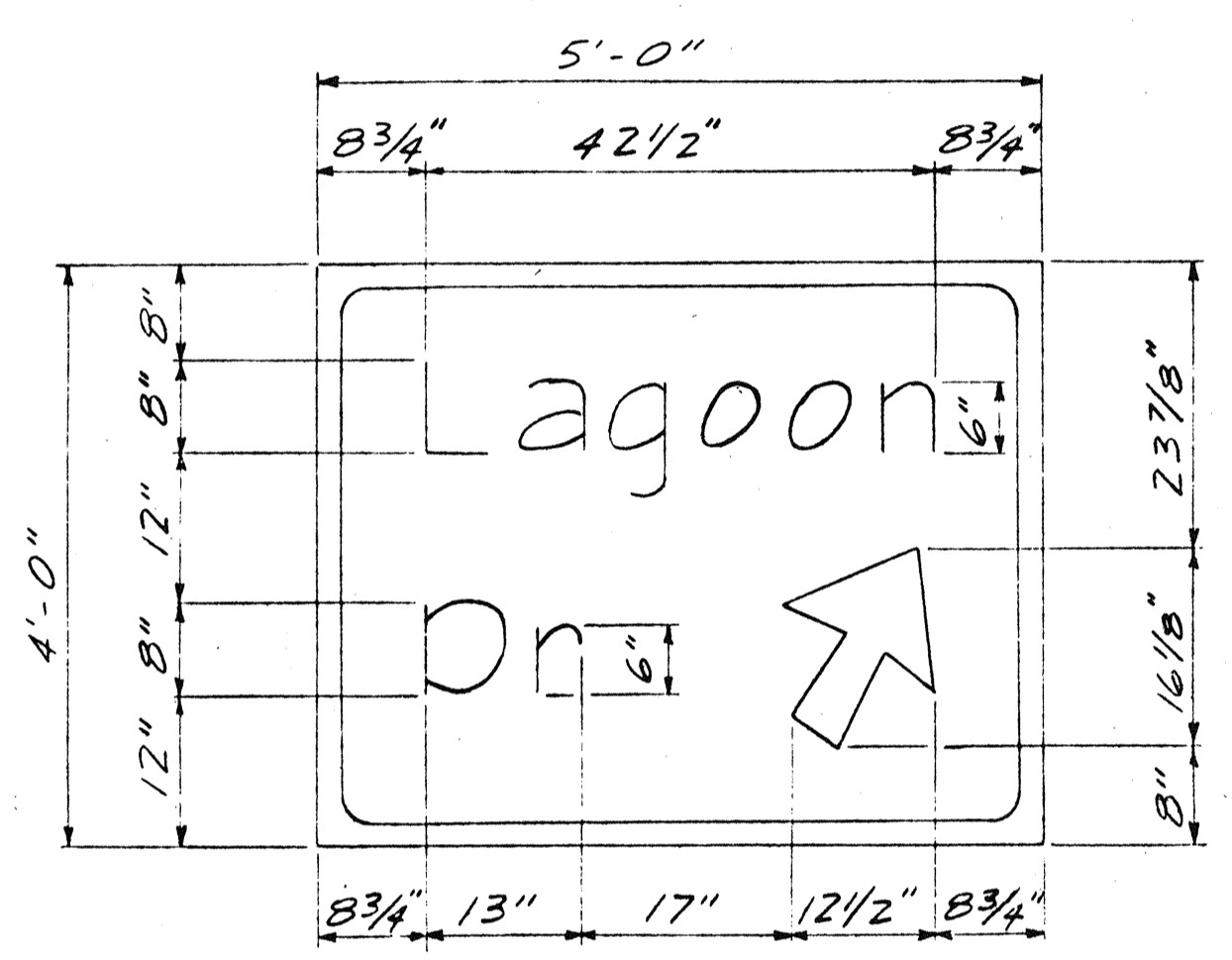
T-101



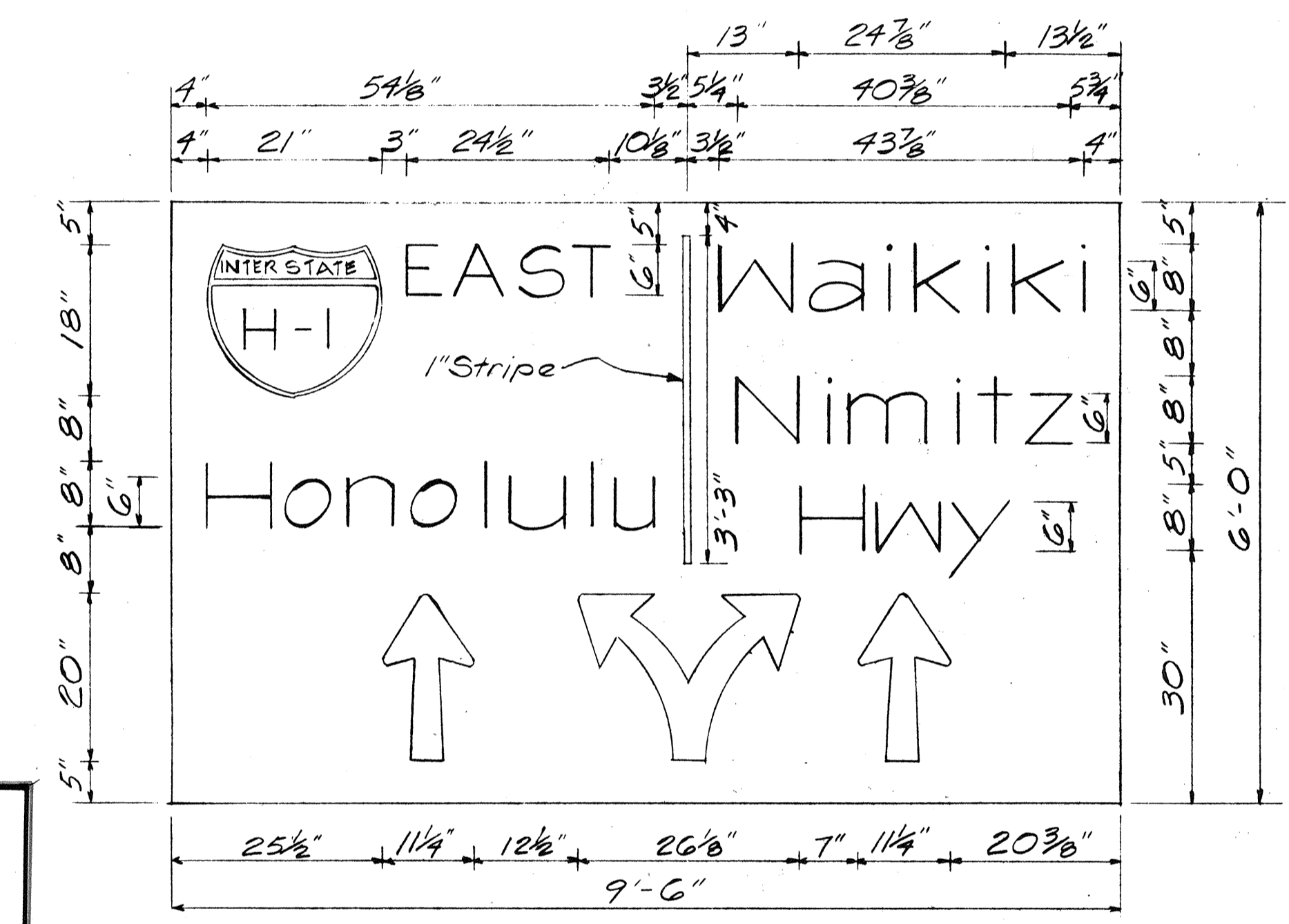
T-102
Modify Sign Panel T-101



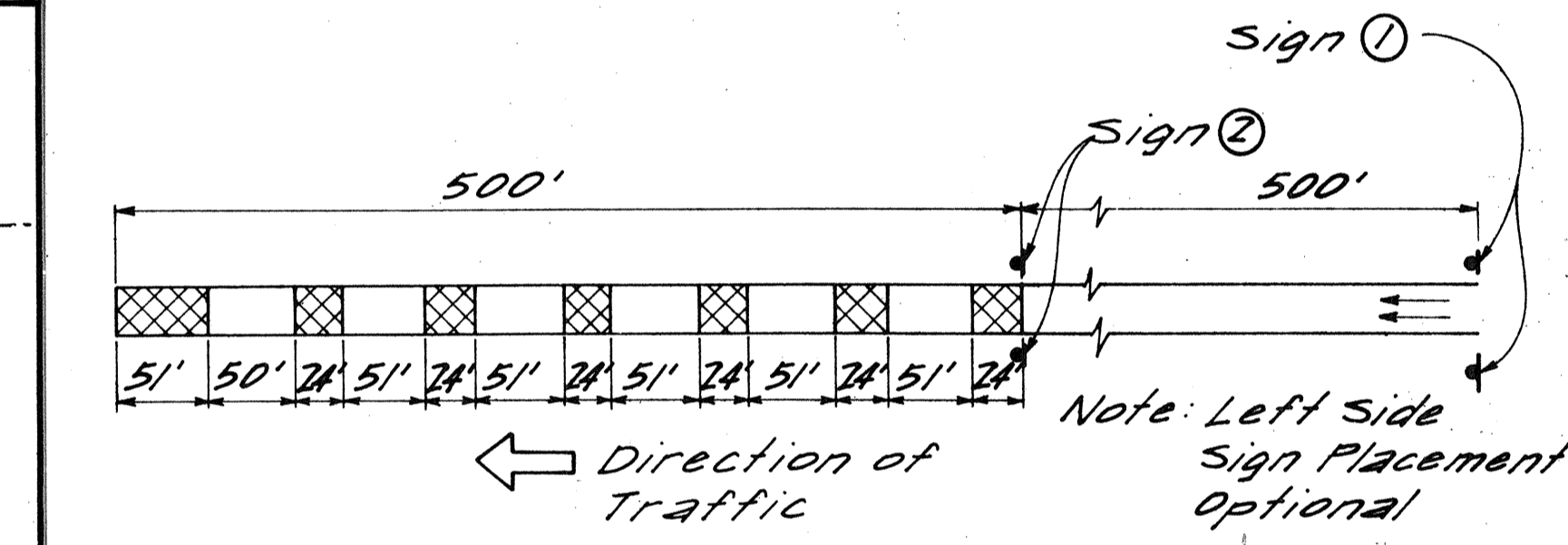
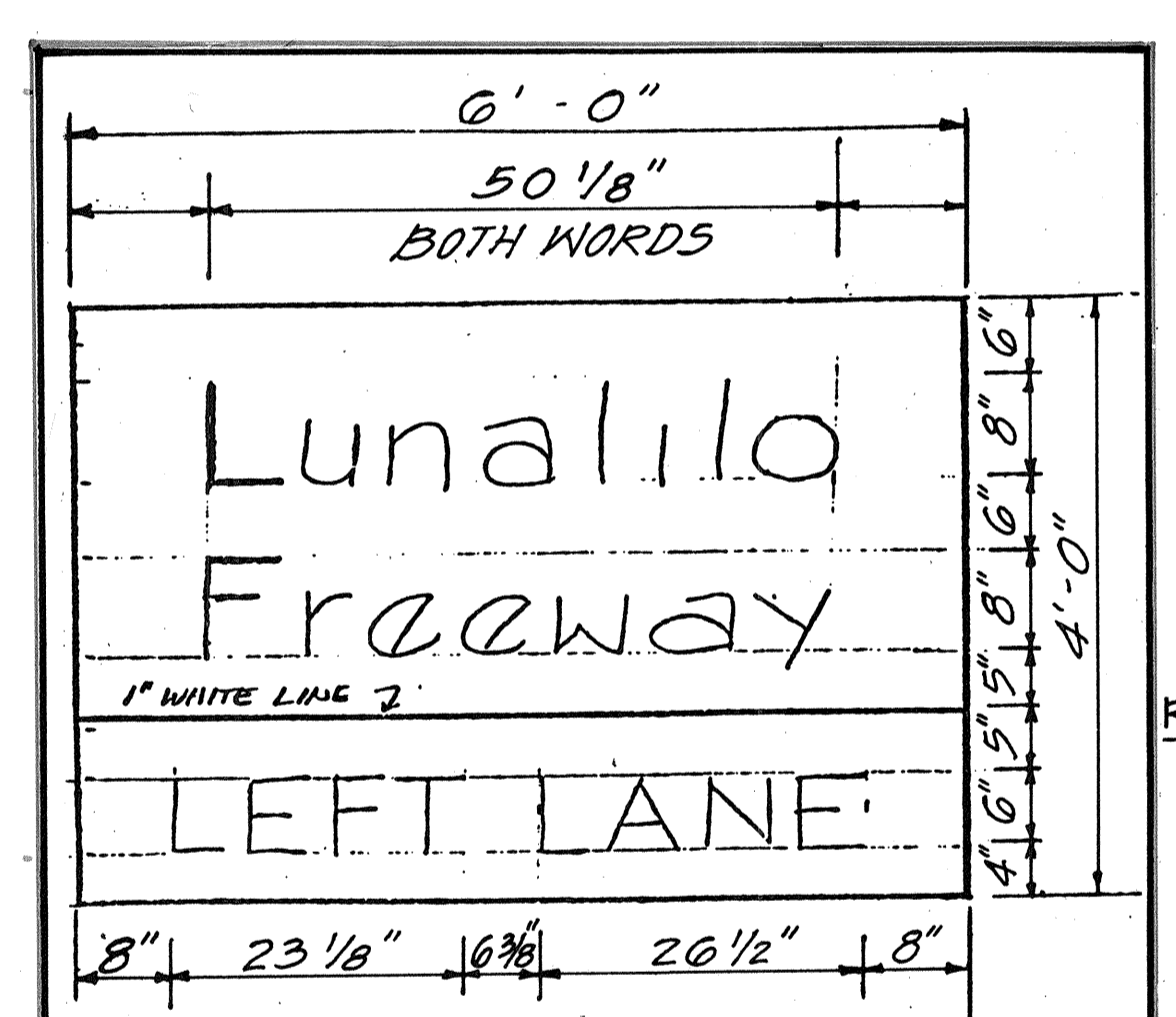
TYPICAL RUMBLE STRIP DETAIL
SCALE: 1" = 5'



T-103

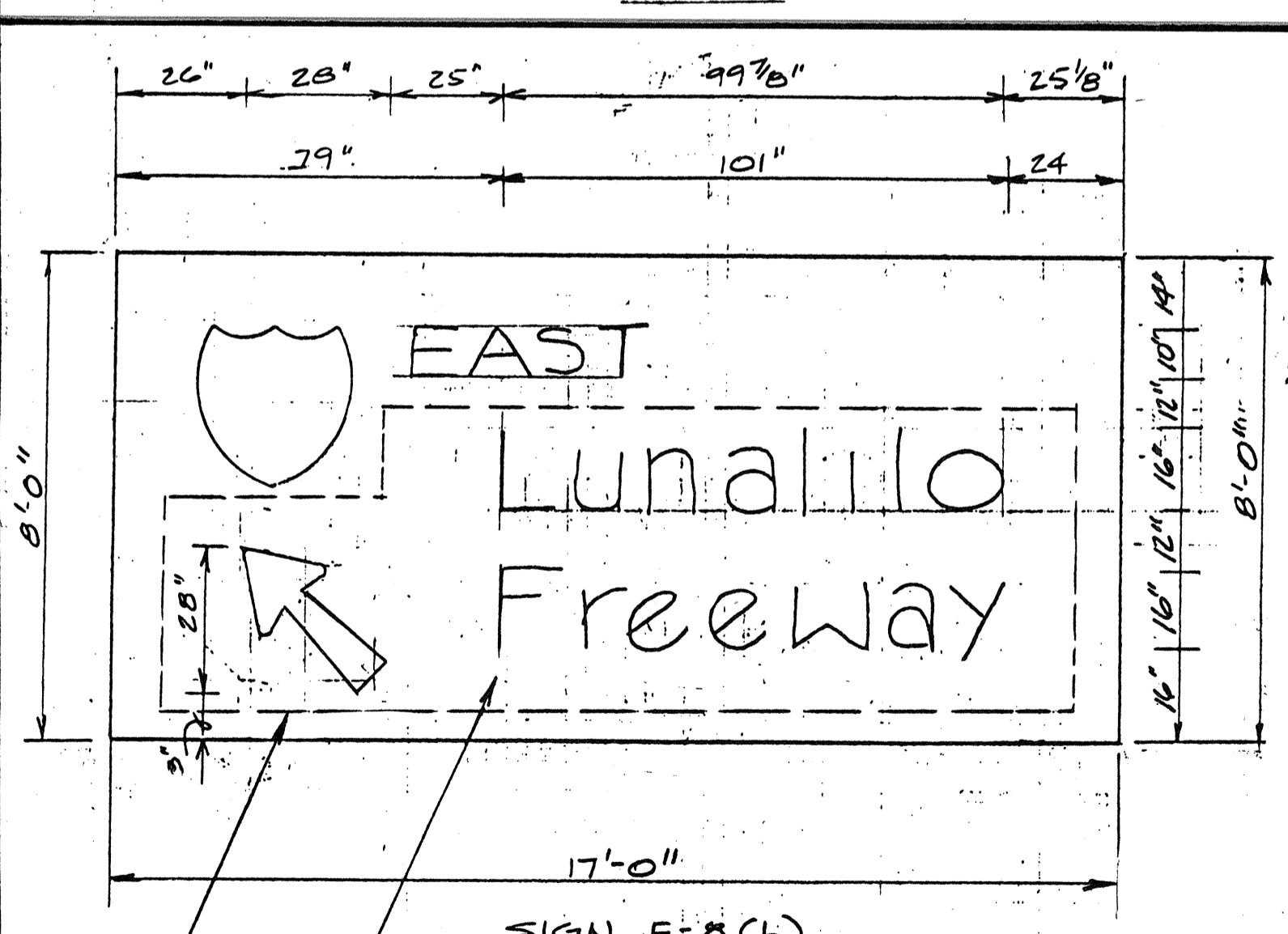


T-104

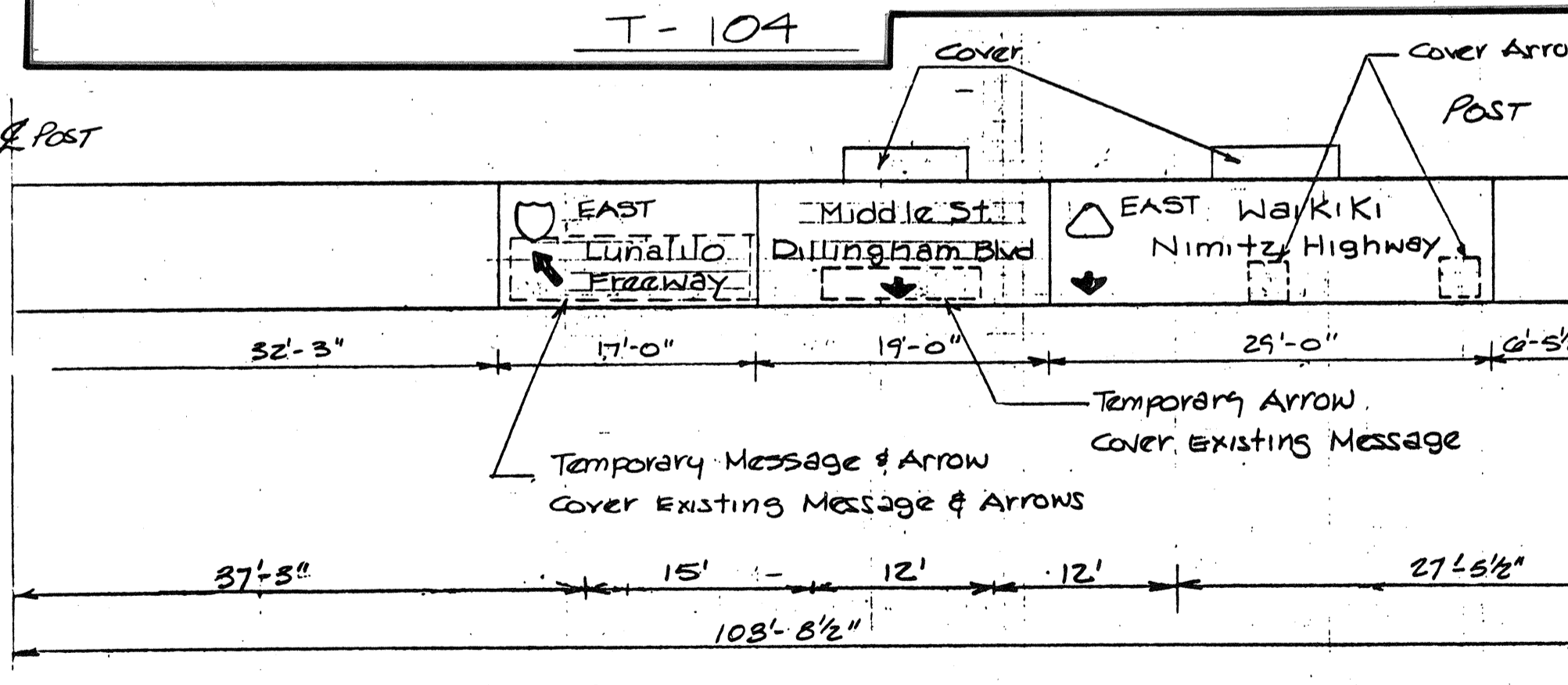


RUMBLE STRIP SPECIAL SIGNING LAYOUT
NOT TO SCALE

Note: Rumble strip to be paid for under Item No. 629.2010, Type A Pavement Markers.

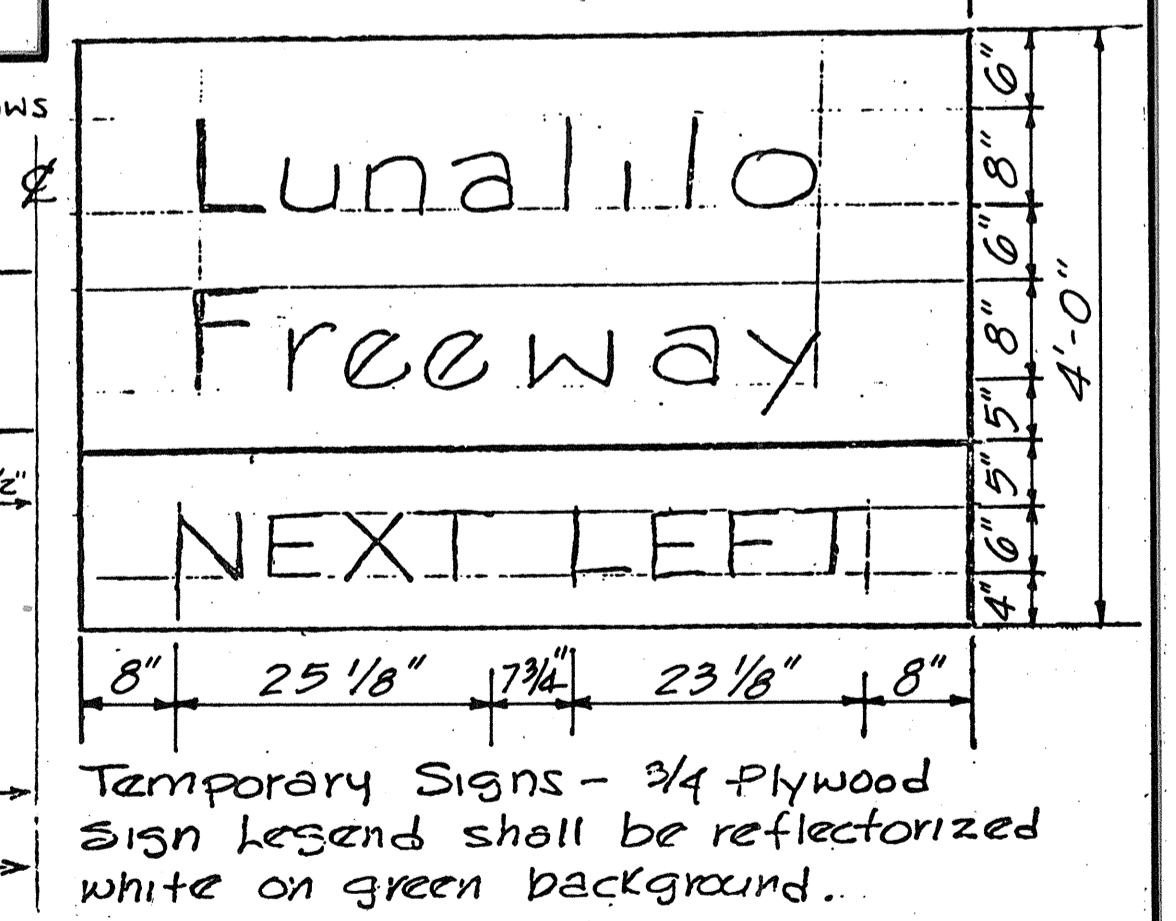


SIGN E-8(H)



H-1 STA 205+22
INBOUND

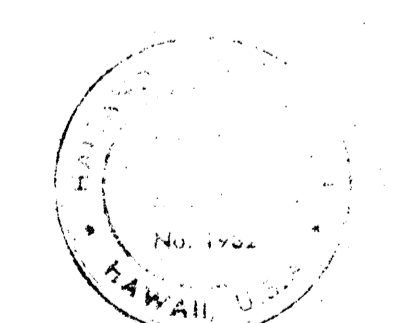
CONTRACT CHANGE ORDER NO. 111



NOTE: POSTED AT TIME OF "AS-BUILT"

NOTE: RELOCATE PANELS AND ALTER SIGNS AS SHOWN.

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
QUANTITIES BY	_____
NO.	_____



Supervision
Husland & Jacobson

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

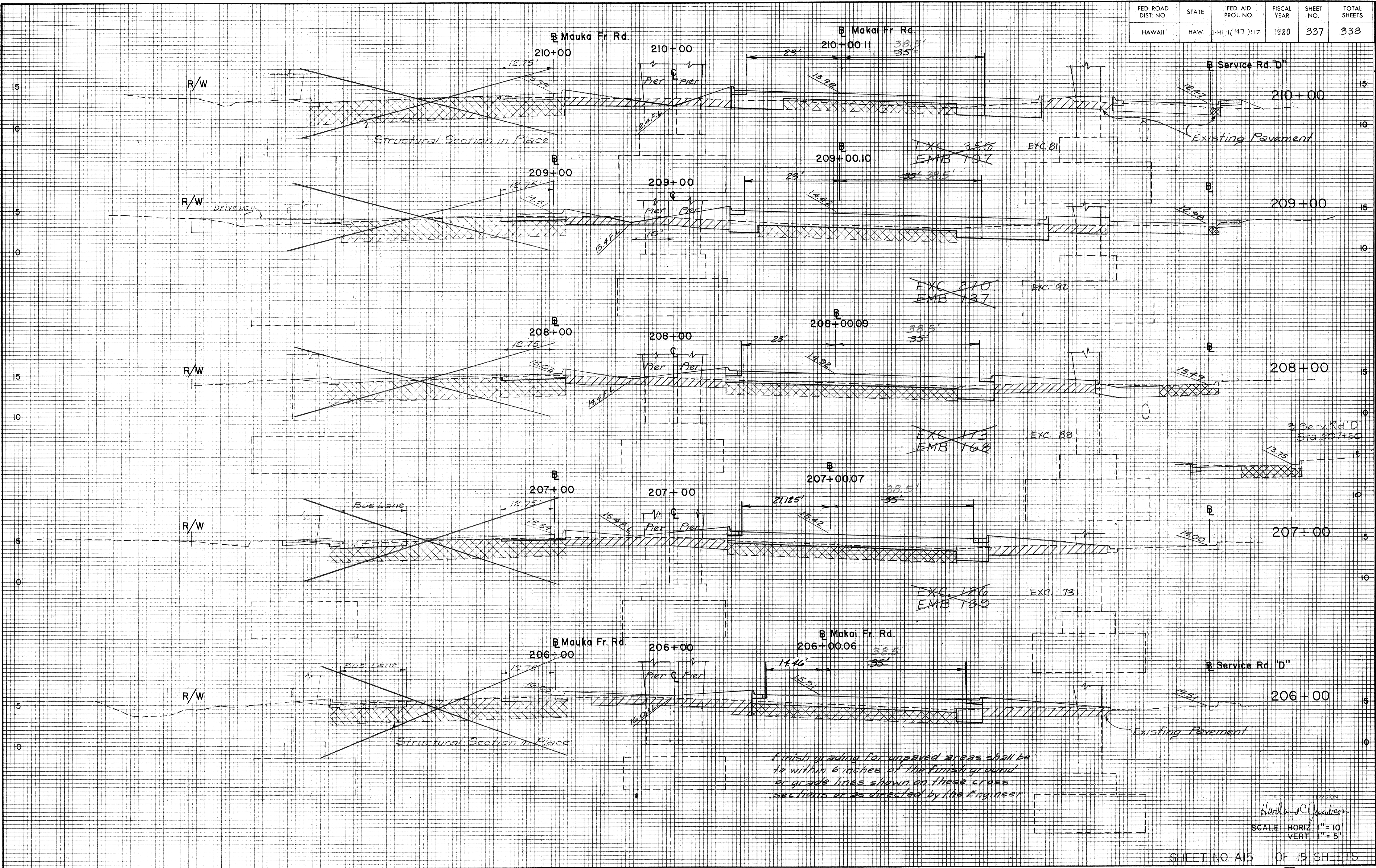
TEMP SIGN PANELS
RUMBLE STRIP DETAIL

INTERSTATE ROUTE H-1
F.A.I. PROJ. NO. I-HI-1(147)17

SCALE: 3/4" = 1'-0" DATE: MAY 26, 1978

SHEET NO. AP-11 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HI-1(147):17	1980	337	338



FINAL SURVEY PLOTTED BY DATE
 NOTE BOOK NO. AREAS CHECKED

ORIGINAL SURVEY PLOTTED BY DATE
 NOTE BOOK NO. AREAS CHECKED

Finish grading for unpaved areas shall be to within 6 inches of the finish ground or grade lines shown on these cross sections or as directed by the Engineer

SCALE HORIZ. 1" = 10'
 VERT. 1" = 5'