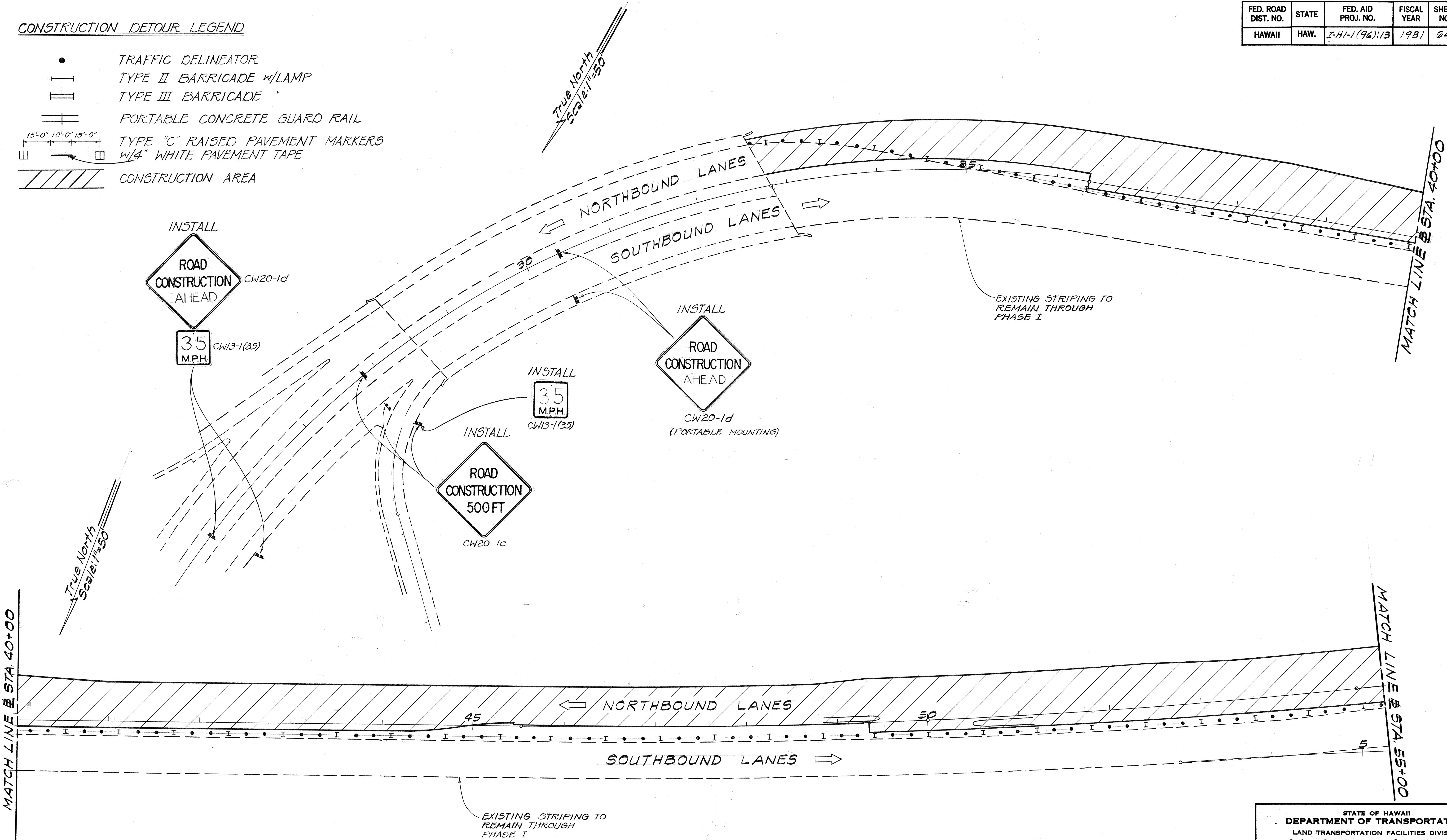


CONSTRUCTION DETOUR LEGEND

- TRAFFIC DELINEATOR
- TYPE II BARRICADE w/LAMP
- TYPE III BARRICADE
- PORTABLE CONCRETE GUARD RAIL
- 15'-0" 10'-0" 15'-0" TYPE "C" RAISED PAVEMENT MARKERS
- w/4" WHITE PAVEMENT TAPE
- CONSTRUCTION AREA

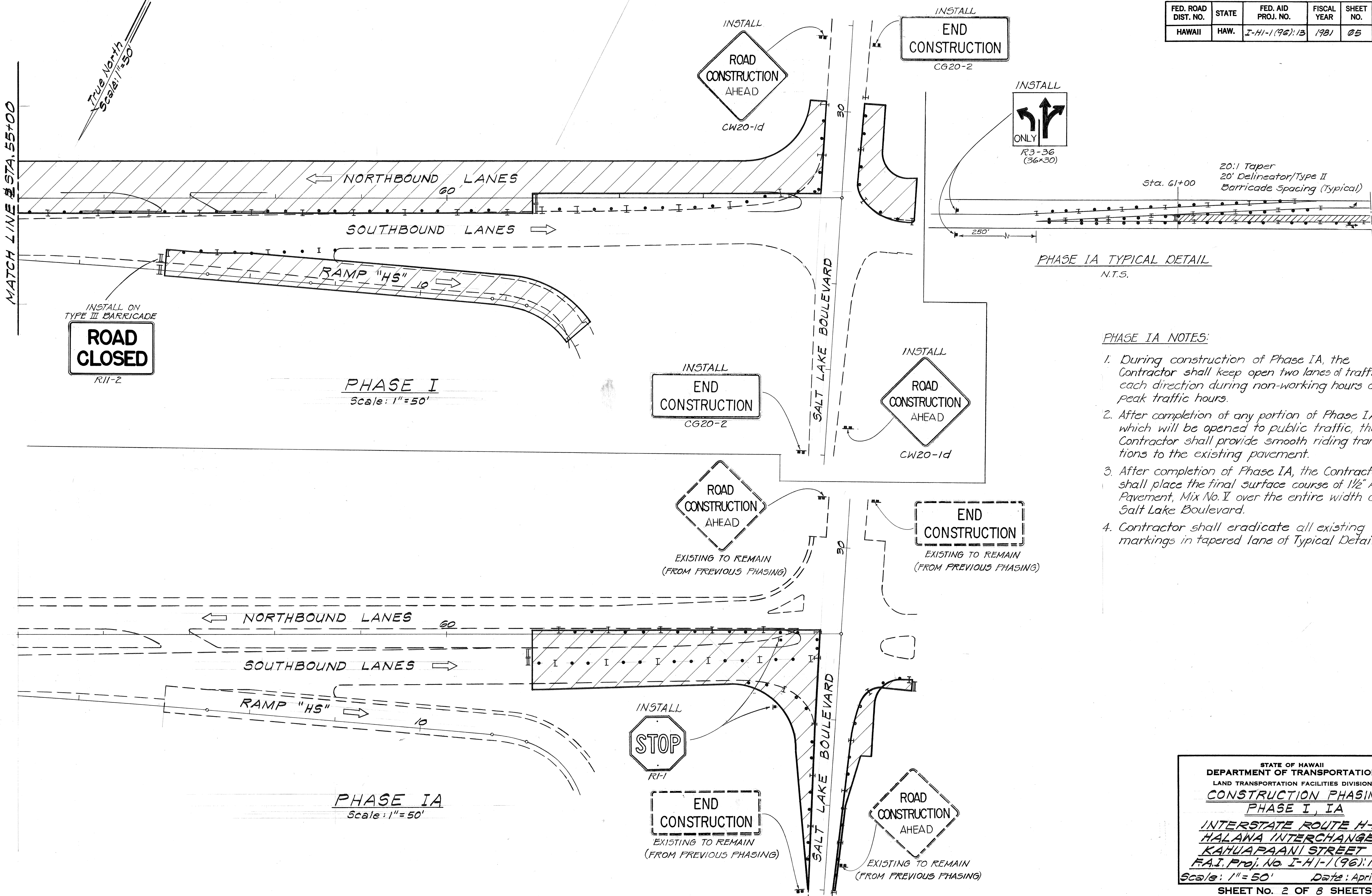
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(96):13	1981	64	112



PHASE I
Scale: 1" = 50'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
CONSTRUCTION PHASING
PHASE I
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUA PAANI STREET
F.A.I. Proj. No. I-H-1(96):13
Scale: 1" = 50' Date: April, 1981
SHEET NO. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1 (96):13	1981	05	112

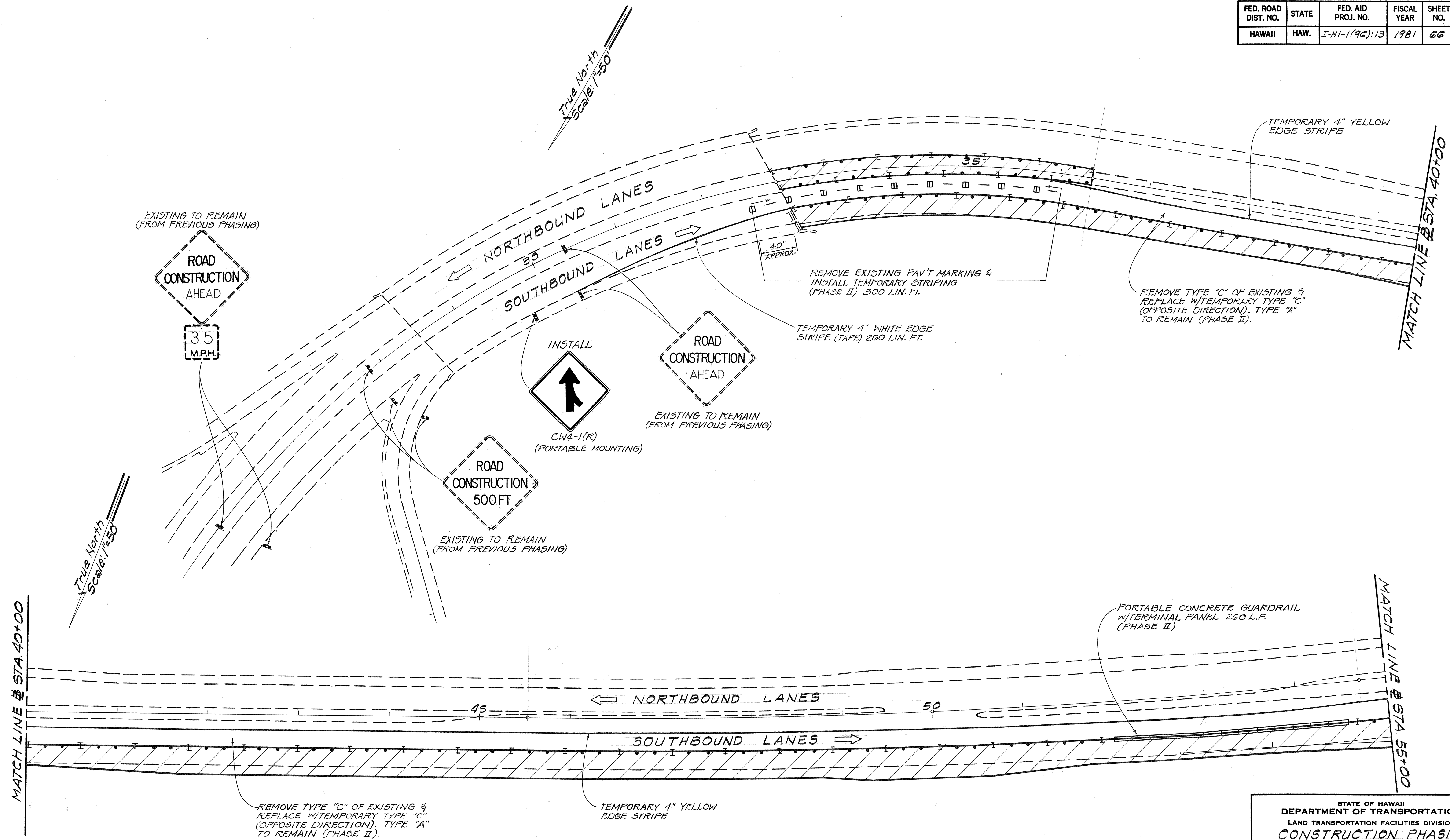


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	
	NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
CONSTRUCTION PHASING
PHASE I, IA
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUAAPAANI STREET
F.A.I. Proj. No. I-H-1 (96):13
Scale: 1"=50' Date: April, 1981
SHEET No. 2 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(96):13	1981	66	112

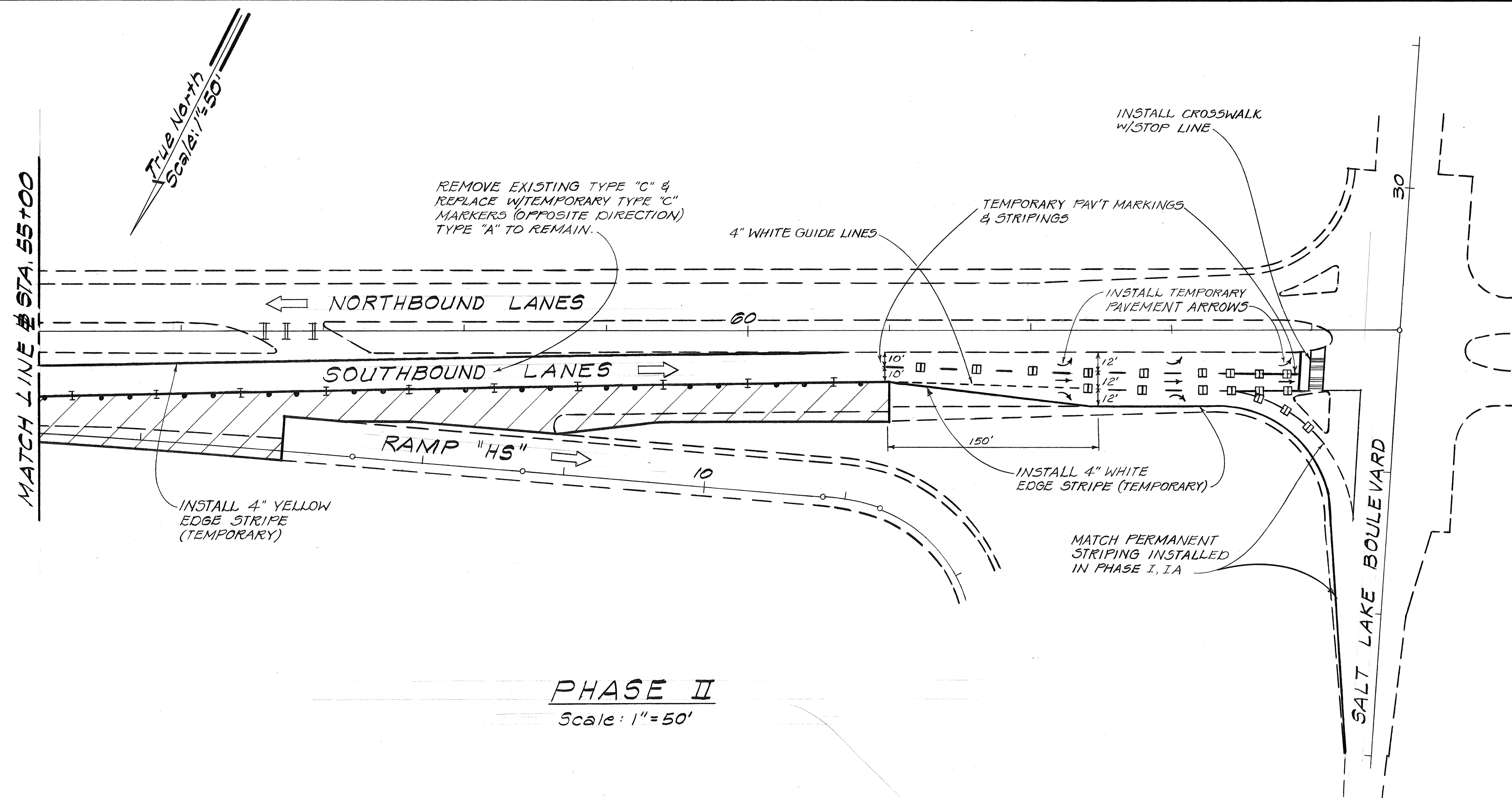
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



PHASE II
Scale: 1" = 50'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
CONSTRUCTION PHASING
PHASE II
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUAAPAANI STREET
F.A.I. Proj. No. I-HI-1(96):13
Scale: 1" = 50' Date: April, 1981
SHEET No. 3 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(96):13	1981	67	112

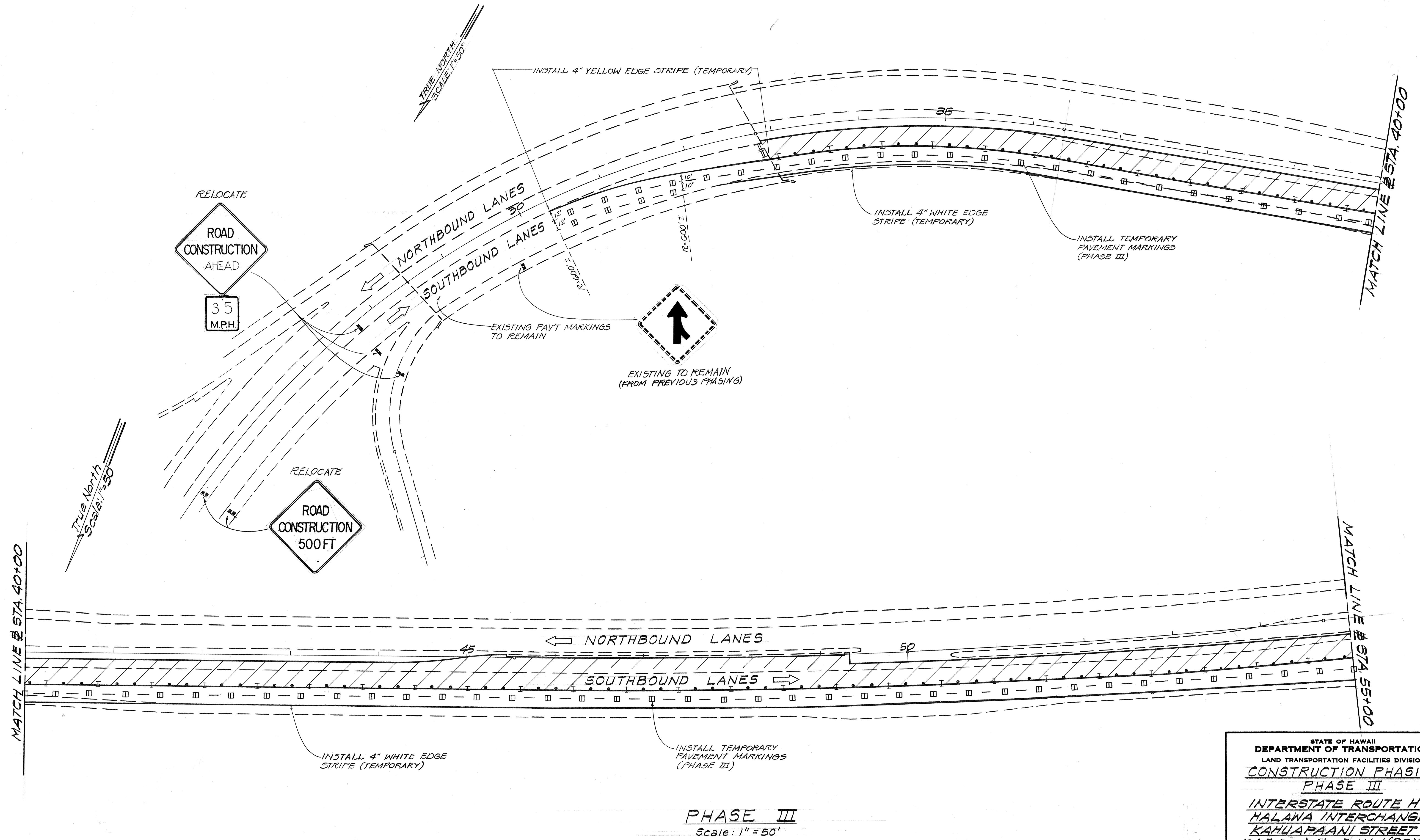


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	DRAWN BY	
NOTED BY	CHECKED BY	
NO.		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
CONSTRUCTION PHASING
PHASE II
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUAPAANI STREET
F.A.I. Proj. No. I-HI-1(96):13
Scale: 1"=50' Date: April, 1981
SHEET NO. 4 OF 8 SHEETS

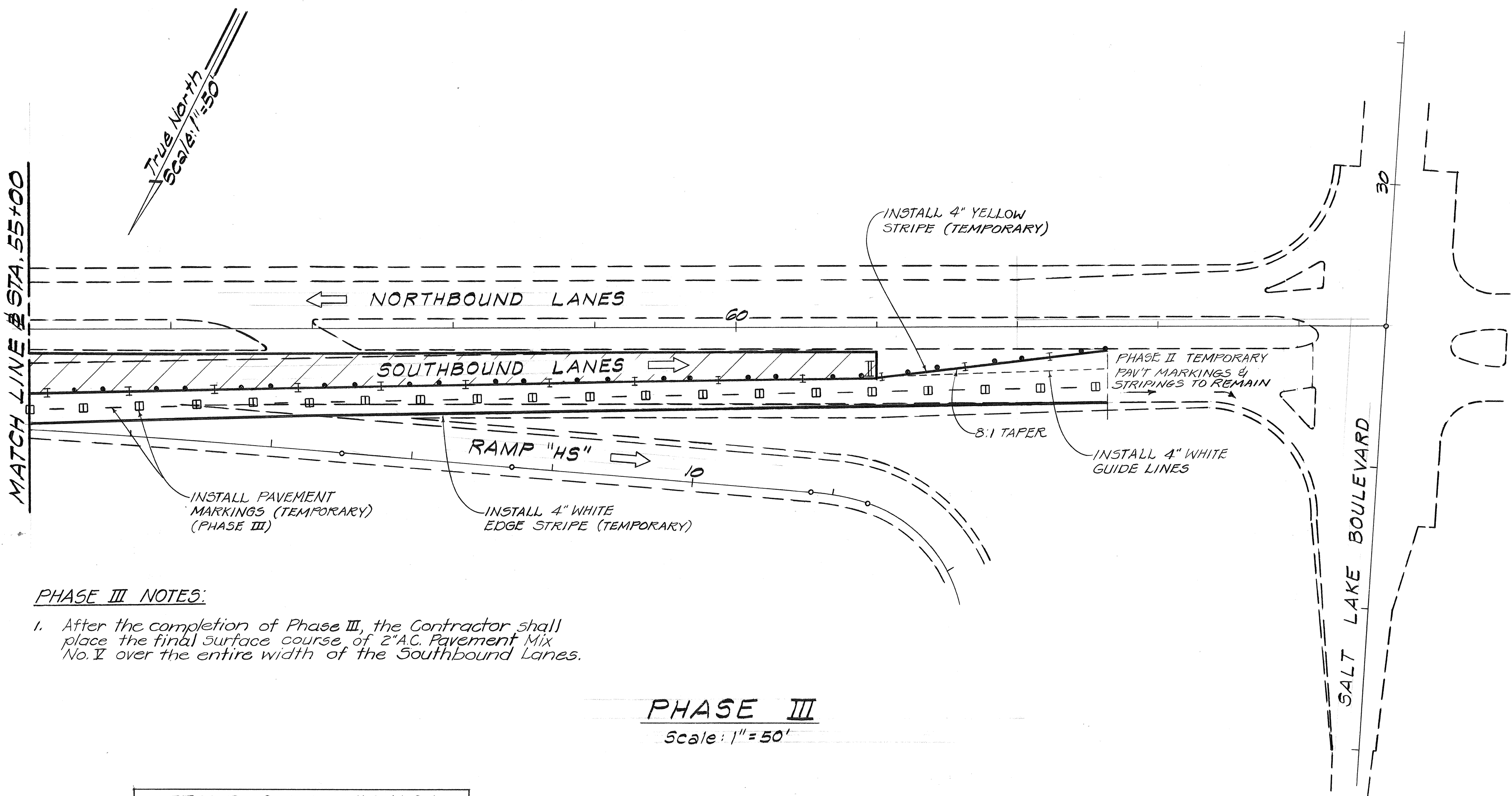
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (96):13	1981	68	112

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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
CONSTRUCTION PHASING
PHASE III
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUAPAANI STREET
F.A.I. Proj. No. I-HI-1 (96):13
Scale: 1" = 50' Date: April, 1981
SHEET NO. 5 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(96):13	1981	69	112



PHASE III NOTES:

- After the completion of Phase III, the Contractor shall place the final surface course of 2" A.C. Pavement Mix No. 1 over the entire width of the Southbound Lanes.

PHASE III

Scale: 1"=50'

DETOUR SIGN SUMMARY		
DESCRIPTION	QUANTITY	
	W/POST	W/O POST
CW4-1(R)	1	
CW13-1(35)		3
CW20-1c	3	
CW20-1d	6	
CG 20-2	2	
R1-1	2	
R3-36	2	
R11-2	2	

BARRICADES & CHANNELIZING DEVICES	
DESCRIPTION	QUANTITY
TYPE II BARRICADE W/LAMP	64
TYPE III BARRICADE	5
TRAFFIC DELINEATOR	124
PORTABLE CONCRETE GUARDRAIL (INT. PANEL)	12
PORTABLE CONCRETE GUARDRAIL (TERMINAL PANEL)	1

SUMMARY OF DETOUR PAVEMENT MARKING	
DESCRIPTION	QUANTITY
TYPE "C" MARKER	178 EACH
PAVEMENT ARROWS	13 "
CROSSWALK MARKINGS	2 LANES
PAVEMENT STRIPING	6500 LIN. FT.
PAVEMENT TAPE	1050 " "

NOTE:

See Pavement Marking Legend.

NOTE:

Quantities shown are for estimating purposes only. Contractor shall establish the actual number to be furnished based on reusable material available from site, storage and as directed by the Engineer.

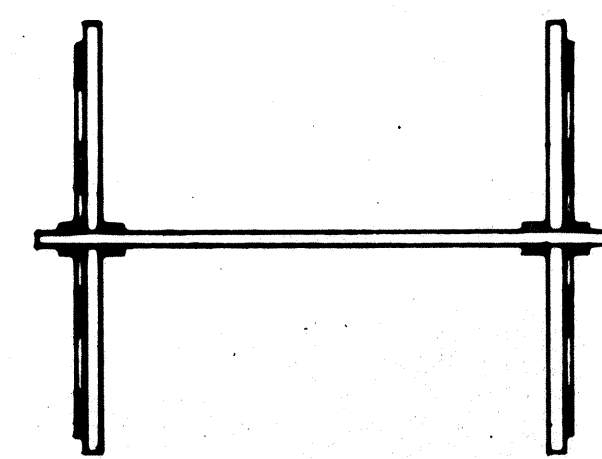
GENERAL NOTES - DURING CONSTRUCTION PHASING

- The Contractor's attention is directed to Subsection 104.05-Construction and Maintenance of Detours, Subsection 107.13-Public Convenience and Safety and Subsection 107.14-Barricades and Warning Signs of the Special Provisions.
- Detour traffic lanes shall be a minimum of 10'-0" wide.
- Detours shall be within the established State Highway Right-of-Way or Right-of-Entry areas.
- The exact limits of the Roadway Construction for each Detour Phase shall be determined by the Engineer.
- The Contractor shall allow access to and from all existing Driveways and Streets at all times.
- Ramp "H5" shall be open to traffic when there is a Stadium event. Construction work on Ramp "H5" shall be coordinated with the Aloha Stadium Engineer.
- Contractor is to maintain two lanes of traffic in each direction during non-working and peak traffic hours.
- During Construction Detour Phasing, the Contractor shall keep the existing Sidewalks, Crosswalks and Highway Lighting System operational until the new Sidewalks, Crosswalks and Highway Lighting System are operational.
- Existing Signs, Striping and Pavement Markings which are contrary to the Detour Phasing shall be removed as directed by the Engineer and shall be paid for on a Force Account basis under Item No. 104.0500-Construction and Maintenance of Detours, During Construction Phasing, Pavement Tape, Type "C" and "H" Pavement Markers, Signs and Pavement Markings shall be installed as required and shall be paid for under their respective contract items.
- Detour quantities assumes that certain Barricades and Channelizing Devices are to be relocated during the various construction Detour Phases.
- All relocations of temporary Warning, Regulatory, Construction and Maintenance Signs, Posts, Barricades and Delineators between phases of work shall be considered incidental to their respective Contract Items.
- All temporary Traffic Signs, Barricades, Traffic Delineators for the purposes of Construction Phasing and Detours shall become the Property of the Contractor.
- Unless noted otherwise, exact location of Signs, Barricades and Delineators shall be determined in the field by the Engineer.
- Construction of temporary Pavement Section shall be paid for under applicable Contract Items. Scarifying and removal of temporary Pavement Section and restoring ground and other items to original condition upon completion of the project shall be considered incidental to the various Contract Items.
- All utility Work, Guard Rails, Lighting, Traffic Signals, Signing, Culverts, Grassing and other related work within each Construction Phase shall be performed complete to the extent necessary to avoid re-excavation for underground work and hazardous roadside construction.
- All underground work such as placement of Ducts, Sprinkler Lines, Drainage Lines shall be completed prior to placement of the final surface course for Salt Lake Boulevard and the Southbound Lanes.
- The Contractor shall provide smooth riding transitions between all pavement areas used by public traffic during each construction phase and between transition of construction phases.
- The Contractor shall follow the order of Construction Detour Phasing as shown on the plans. Any request for adjustment in sequence or phasing must be submitted in writing and approved by the Engineer.

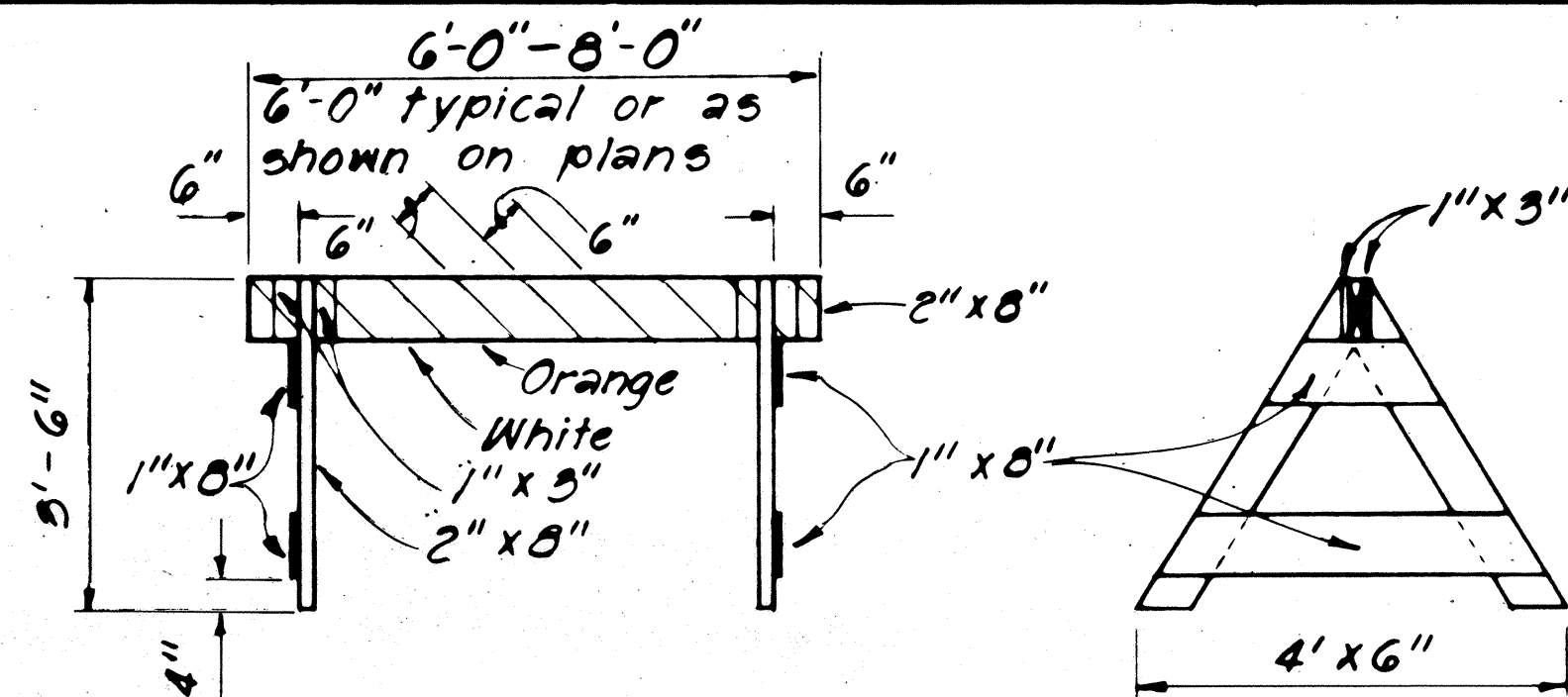
DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
TRACED BY	_____
CHECKED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
CONSTRUCTION PHASING
PHASE III
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUAPAANI STREET
FAI Proj. No. I-H-1(96):13
Scale: 1"=50' Date: April, 1981
SHEET NO. 6 OF 8 SHEETS

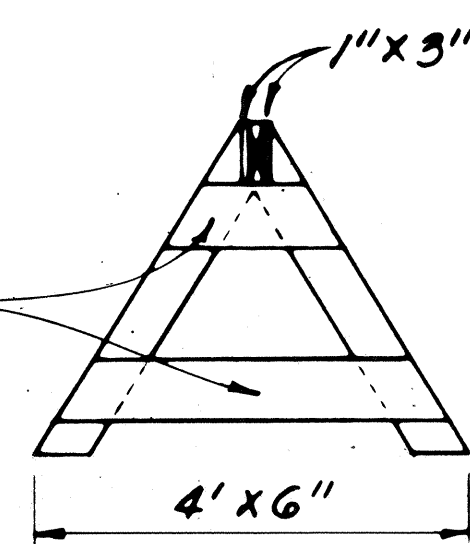
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(26):13	1981	70	112



PLAN VIEW



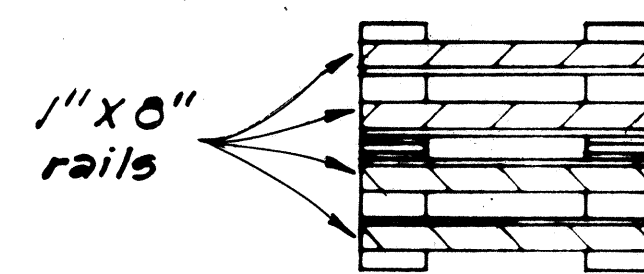
FRONT VIEW



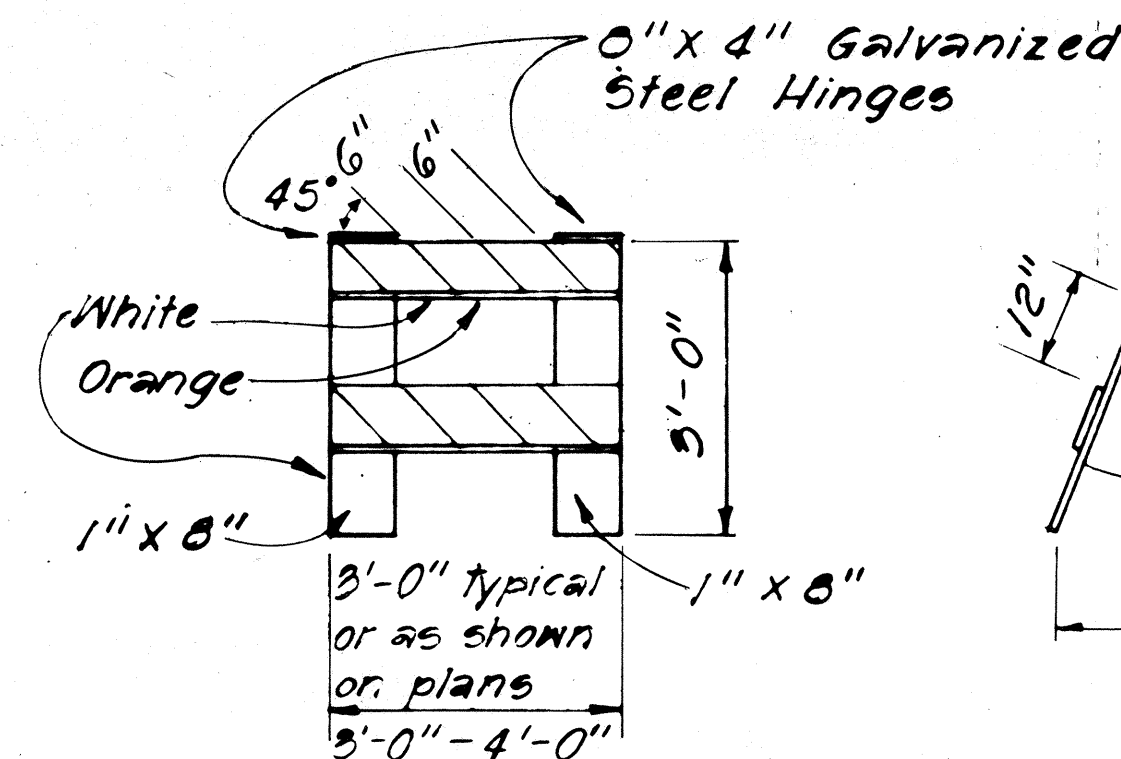
END VIEW

TYPE I BARRICADE

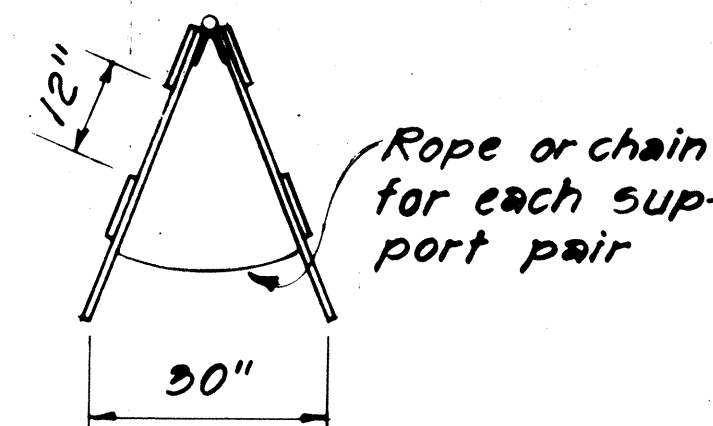
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PLAN VIEW



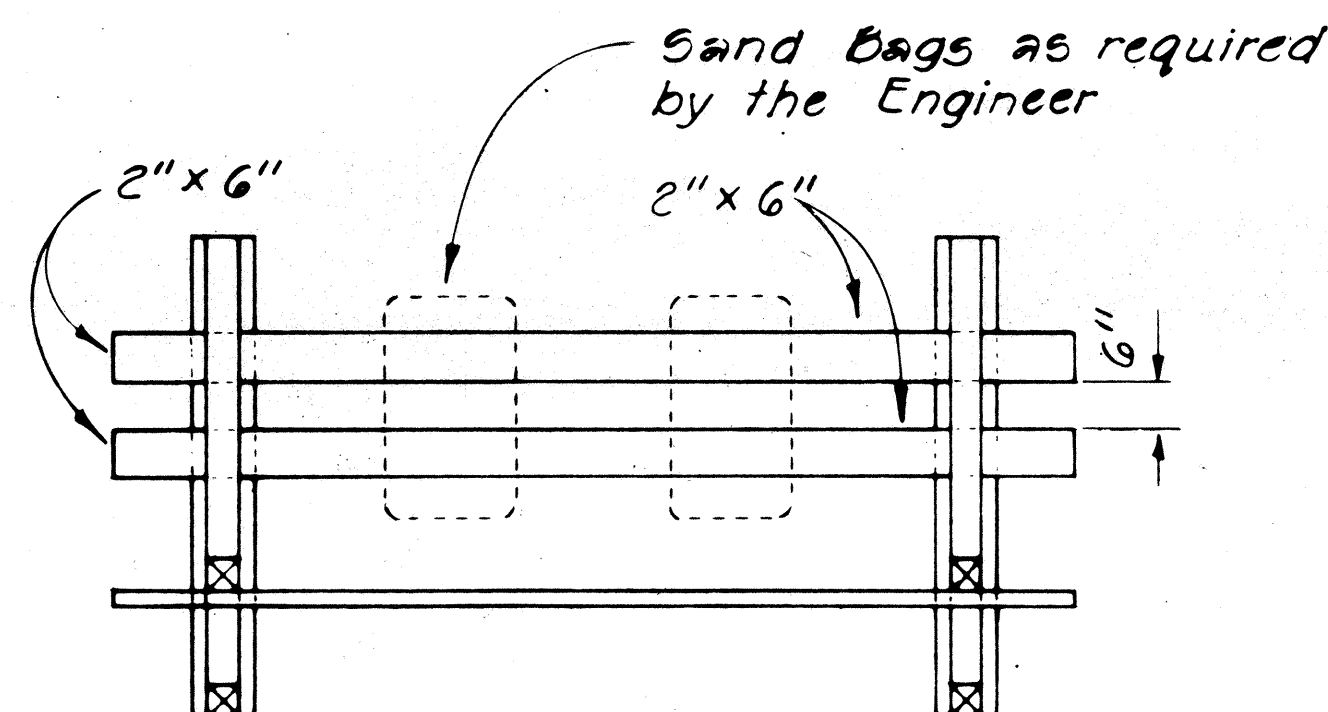
FRONT VIEW



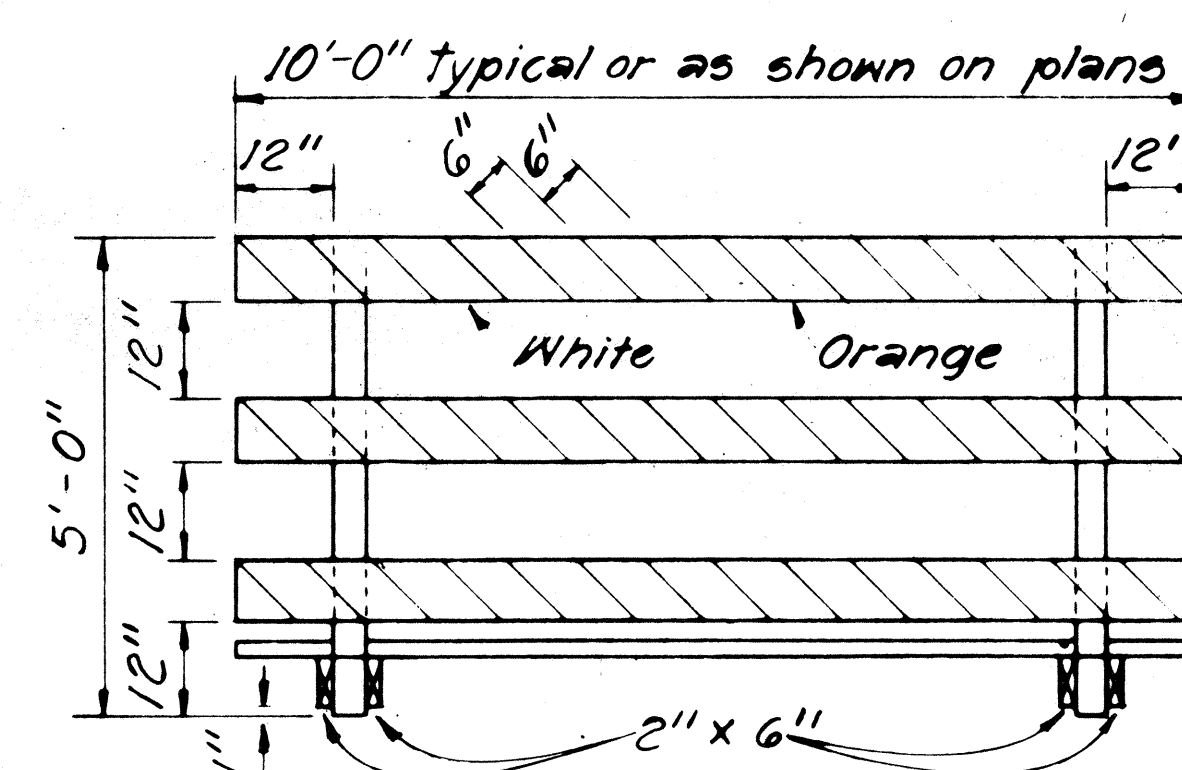
END VIEW

TYPE II BARRICADE

Scale: $\frac{1}{2}'' = 1' - 0''$



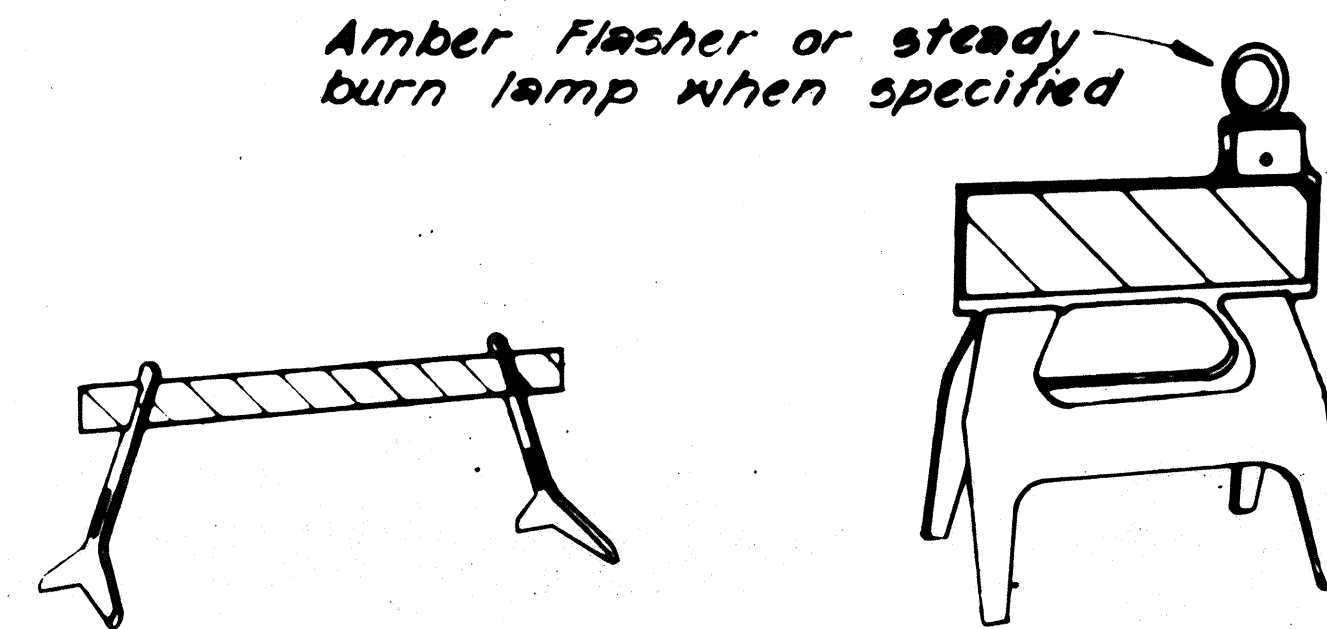
PLAN VIEW



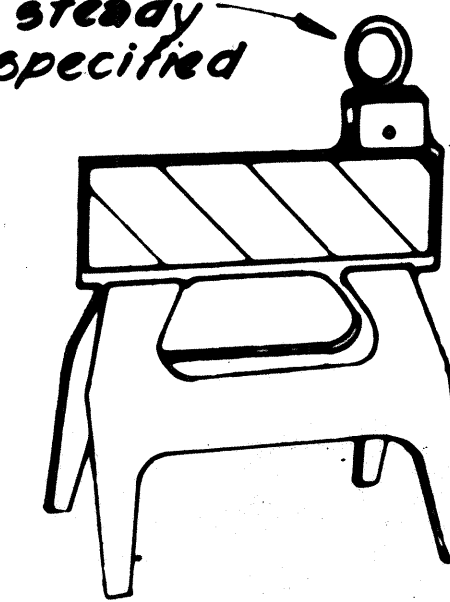
FRONT VIEW

TYPE III BARRICADE

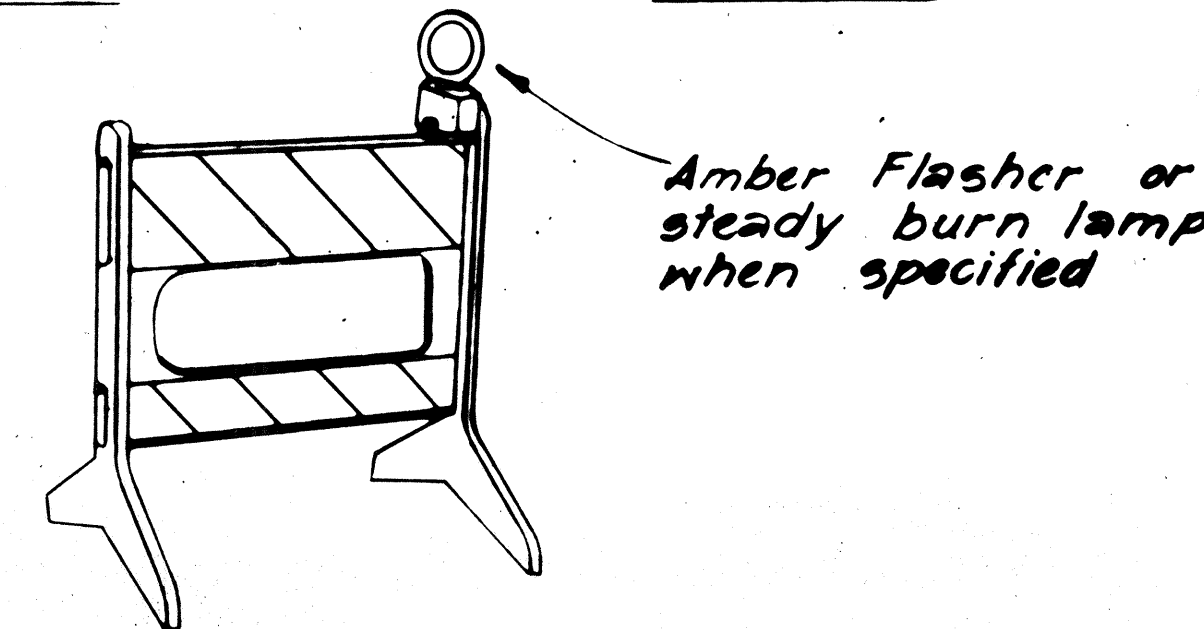
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TYPE I



TYPE I

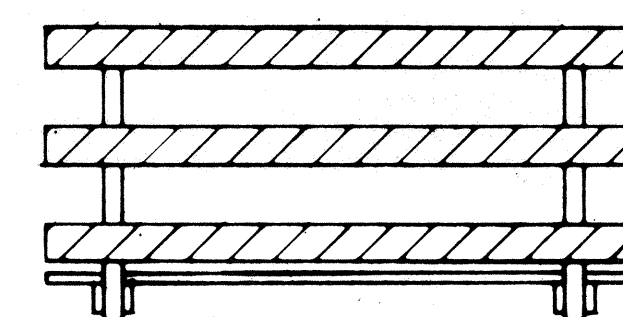


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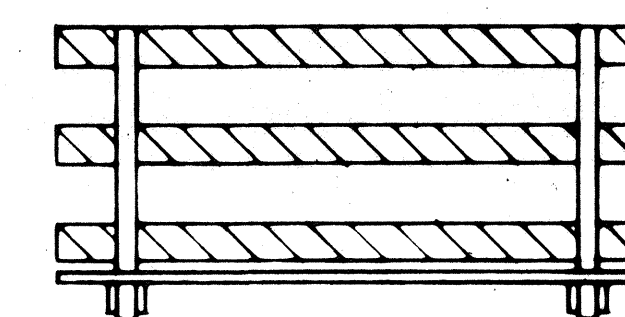
PLASTIC MOLDED BARRICADE OPTIONS *

Not to Scale

* Shop Drawings must be submitted for approval.



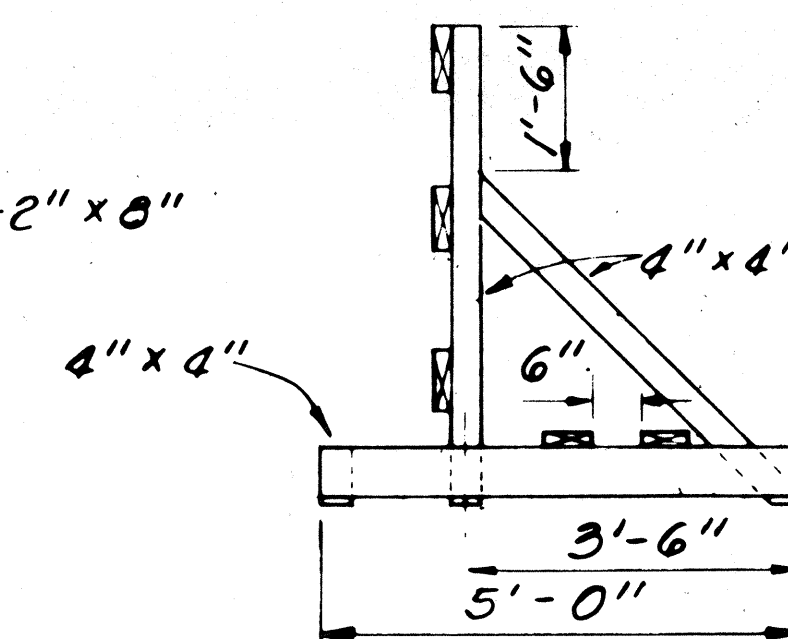
FRONT FACE



BACK FACE

BARRICADE STRIPING DETAILS

Not to Scale



END VIEW

ORIGINAL	REVIEW PLOTTED BY	DATE
PLAN	DRAWN BY	"
	TRACED BY	"
	REPRODUCED BY	"
NOTE BOOK	QUANTITIES BY	"
	CHECKED BY	"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL DETAILS

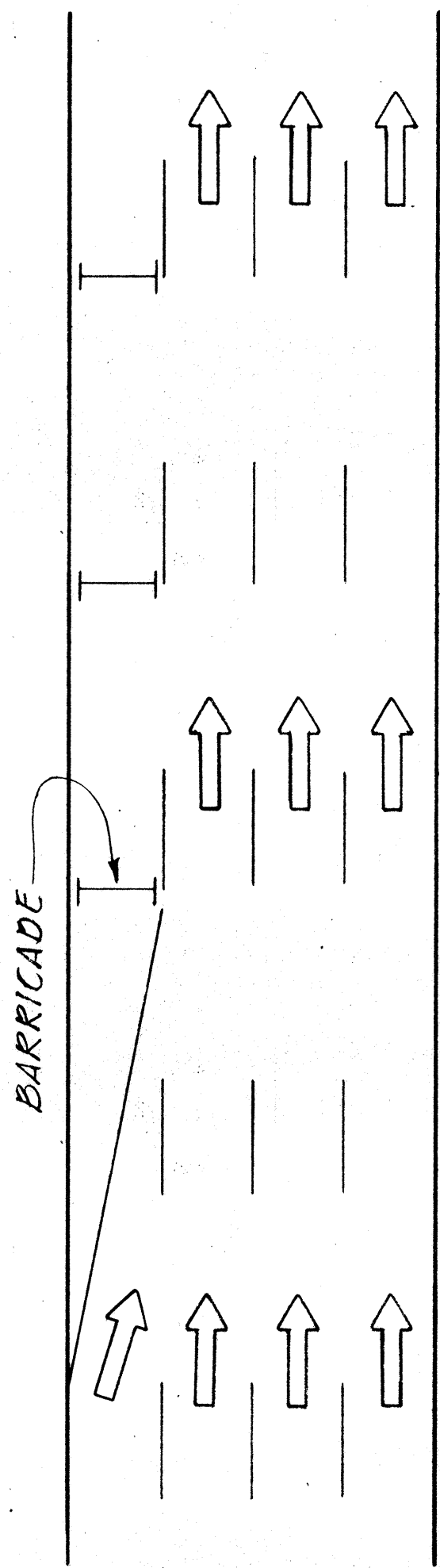
BARRICADES

SCALE: As Shown Date: Apr., 1981
SHEET No. 7 OF 8 SHEETS

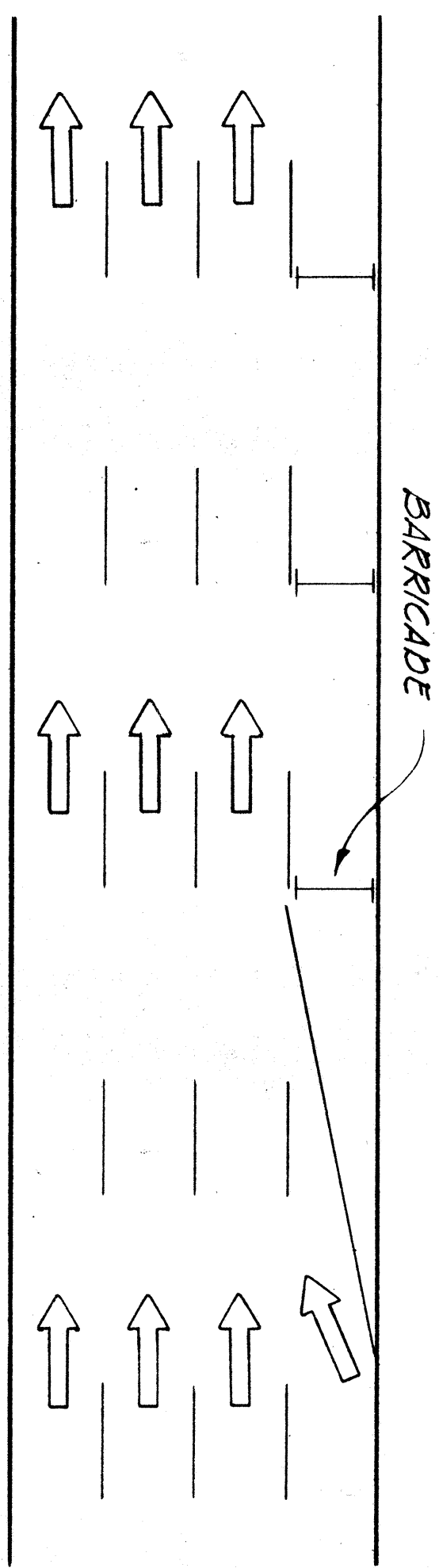
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HH(04)13	1981	71	112

GENERAL NOTES

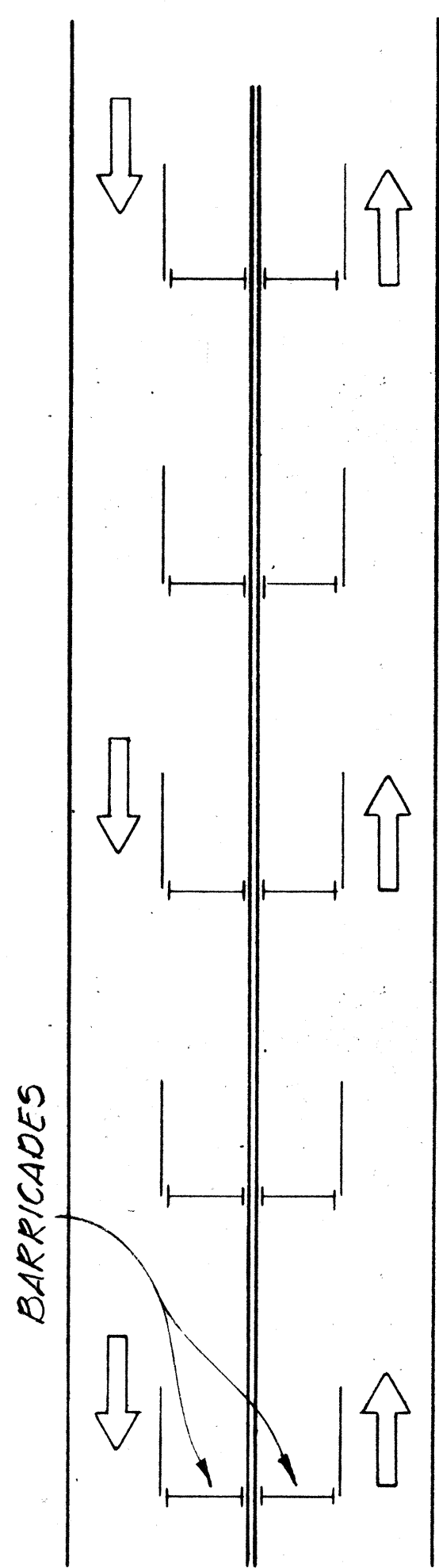
1. Barricade Type, Placement, and Arrangement shall be as shown on the Construction Plans or as when called for.



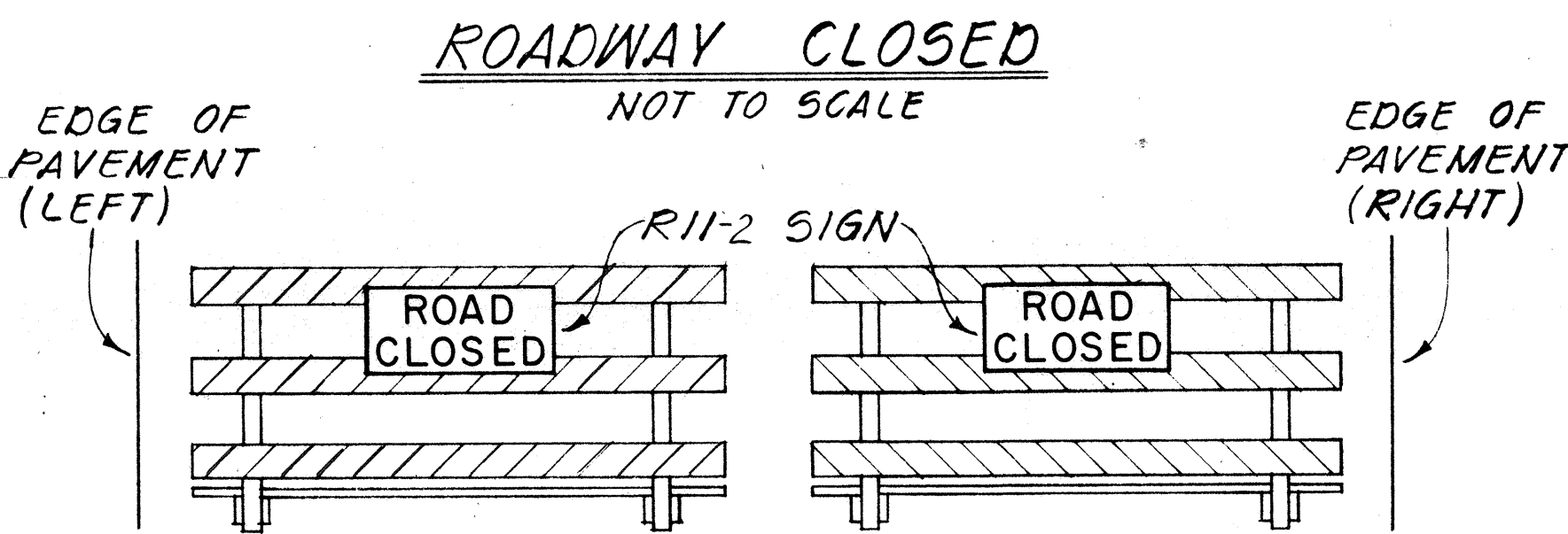
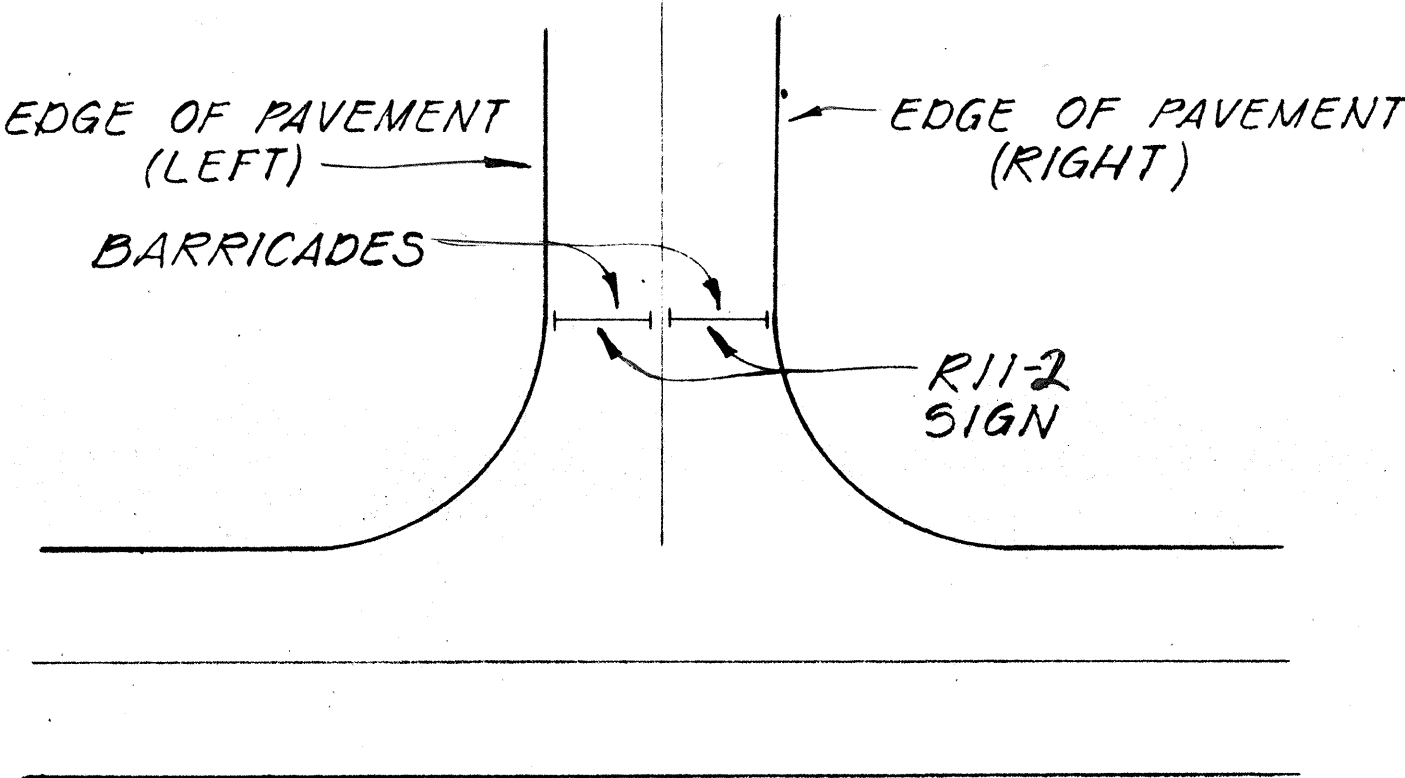
ROADWAY DELINEATION
TO THE RIGHT
NOT TO SCALE



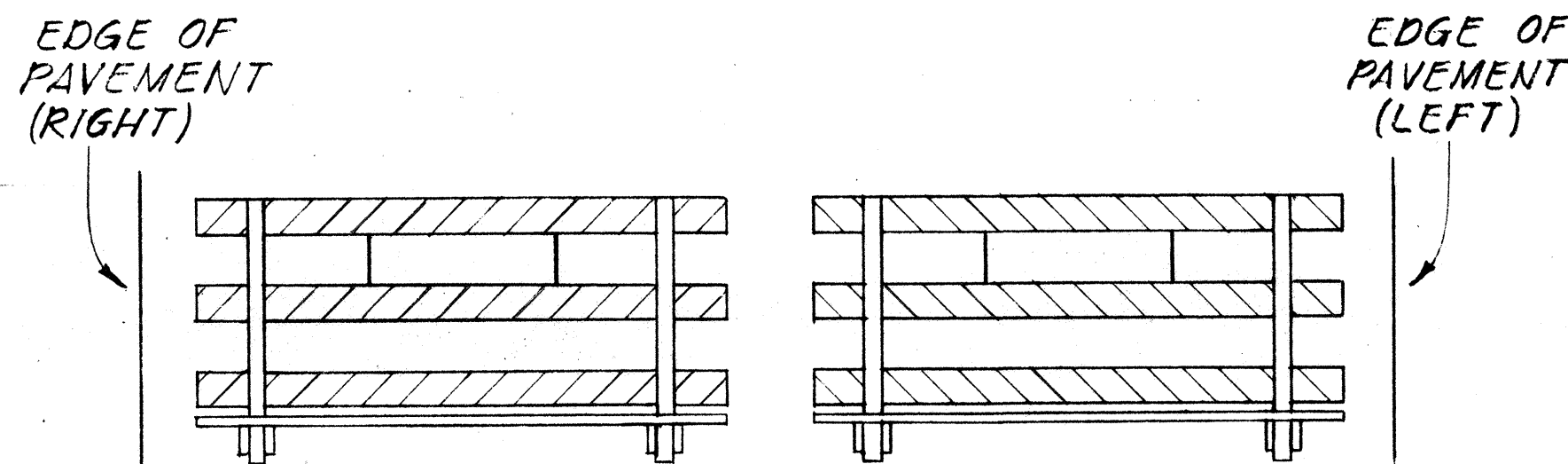
ROADWAY DELINEATION
TO THE LEFT
NOT TO SCALE



ROADWAY DELINEATION
FOR 2-WAY TRAFFIC
NOT TO SCALE

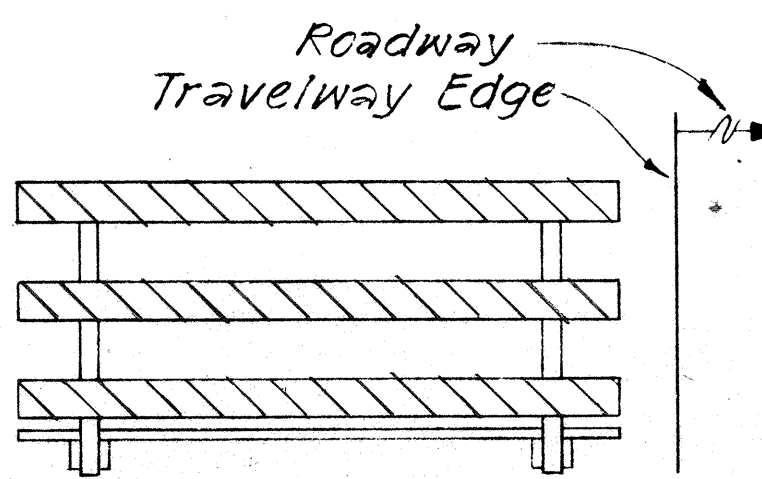


FRONT VIEW

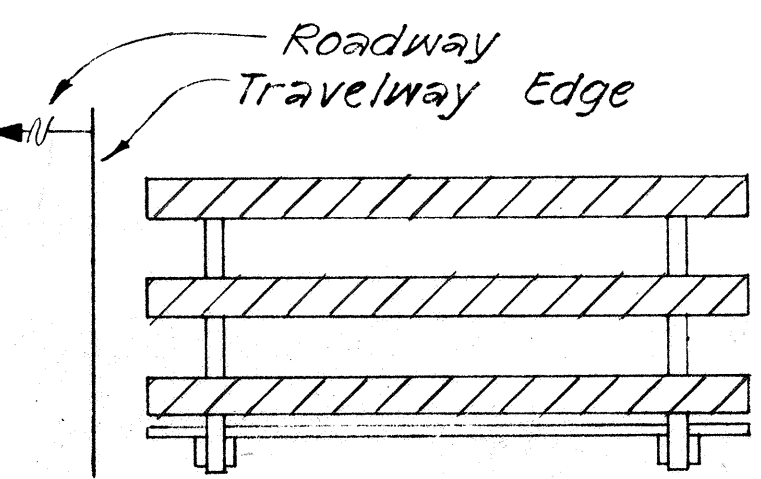


BACK VIEW

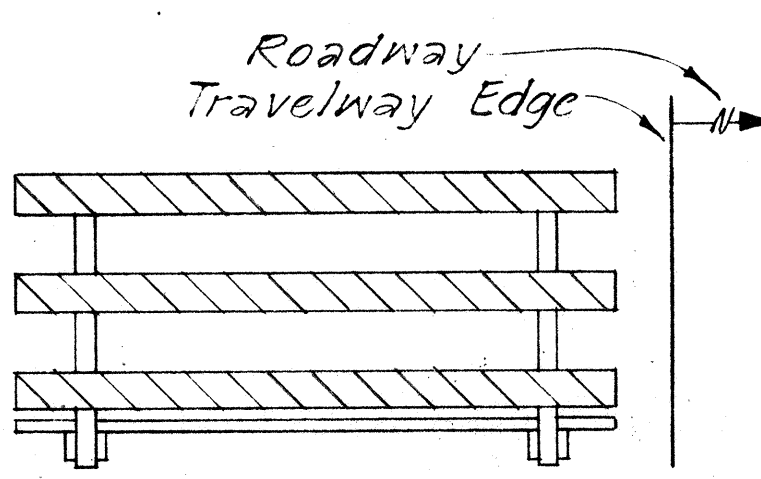
BARRICADE STRIPING ARRANGEMENT NOT TO SCALE



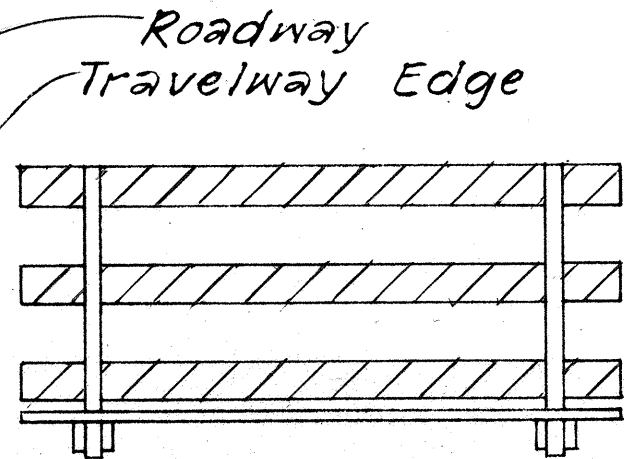
FRONT VIEW



FRONT VIEW

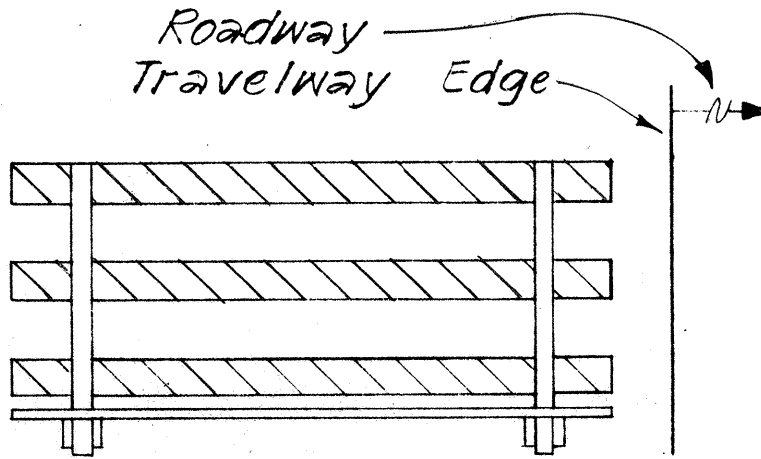


FRONT VIEW



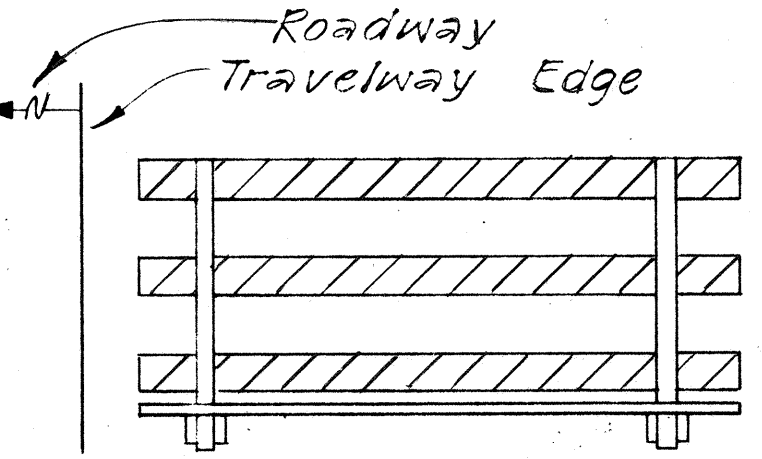
BACK VIEW

BARRICADE STRIPING ARRANGEMENT NOT TO SCALE



BACK VIEW

BARRICADE STRIPING ARRANGEMENT NOT TO SCALE



BACK VIEW

BARRICADE STRIPING ARRANGEMENT NOT TO SCALE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS

BARRICADE STRIPING DETAILS

Not to Scale Date: Apr. 1981
SHEET NO. 8 OF 8 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
NO.	