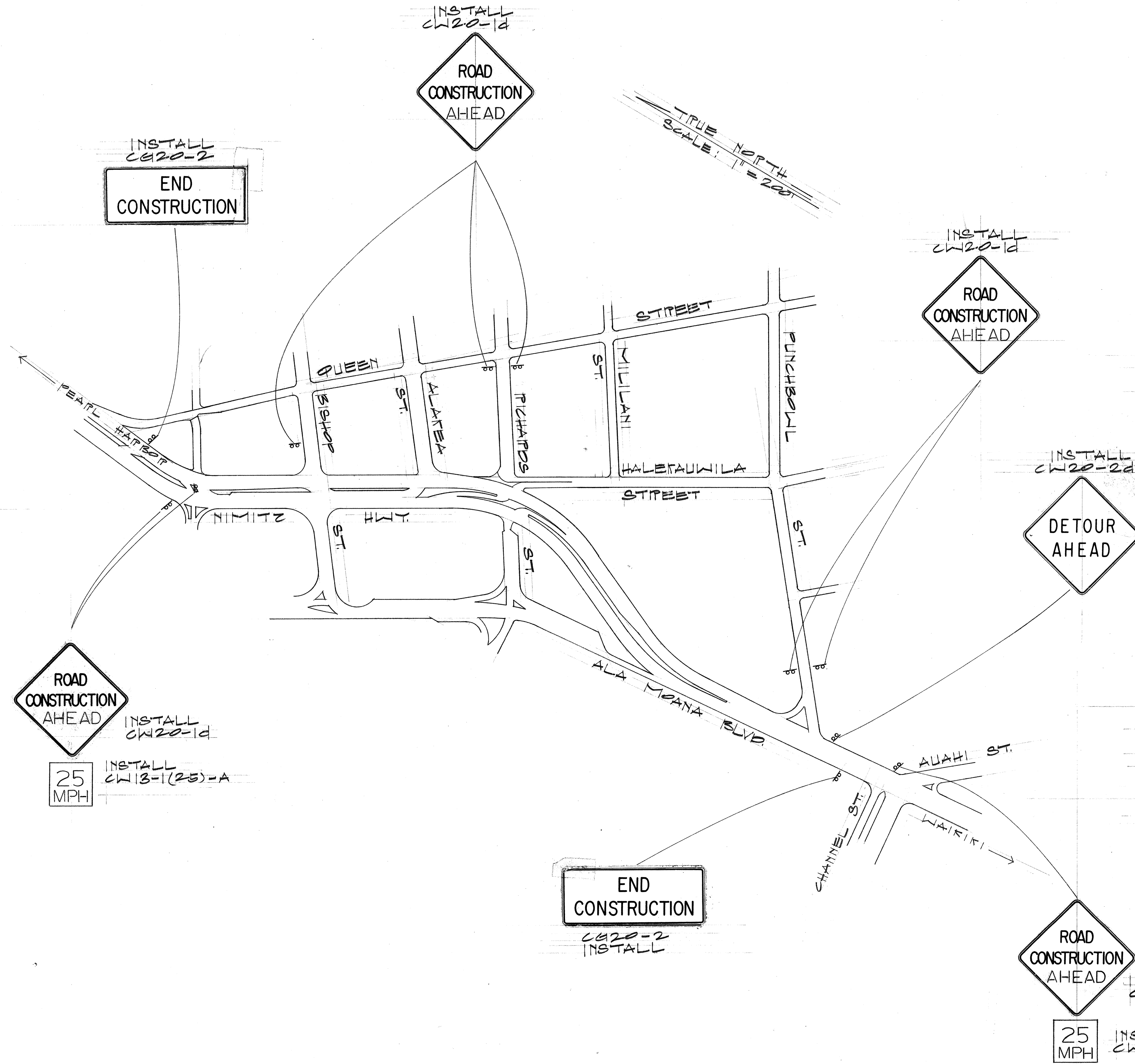


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(II)	1974	53	141

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
ORIGINAL PLAN	
NOTE BOOK	
No.	



TYPES OF DETOUR CONSTRUCTION:

CASE I DETOUR OVER ULTIMATE SIDEWALK OF GRASSED AREA, OF HIGHER THAN FINAL FINISHED GRADE - USE 6" MAX. ATB.

CASE II DETOUR ELEVATION EQUAL TO OR LOWER THAN TOP OF FINAL ATB, NOT OVER EXIST. PAVEMENT - USE 6" ATB OF BUILD UP FROM FINAL OF SUBGRADE FROM ATB, WHICHEVER IS GREATER.

CASE III DETOUR OVER EXISTING PAVEMENT - USE EXISTING PAVEMENT OF TYPICAL SECTION "B", SEE PLAN SHT. #3.

CONSTRUCTED DETOUR GRADES SHALL BE 1/2" MINIMUM BELOW FINAL FINISHED PAVEMENT GRADE.

CASE I DETOUR CONSTRUCTION SHALL BE REMOVED WHERE IT CONFLICTS WITH FINAL CURB-GUTTERS, SIDEWALKS OR LANDSCAPING.

CASE II & III DETOUR CONSTRUCTION SHALL REMAIN IN PLACE AND THE FINAL PAVEMENT CONSTRUCTED OVER IT.

CURBS & CURB-GUTTERS THAT CONFLICT WITH TRAFFIC DETOURS SHALL BE OMITTED TEMPORARILY.

CONSTRUCTION OF SIDEWALKS EMBANKMENT BETWEEN # STA. 150+15 ± TO 154+00 ± LT. SHALL BE DEFERRED TO THE LAST CONSTRUCTION PHASE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

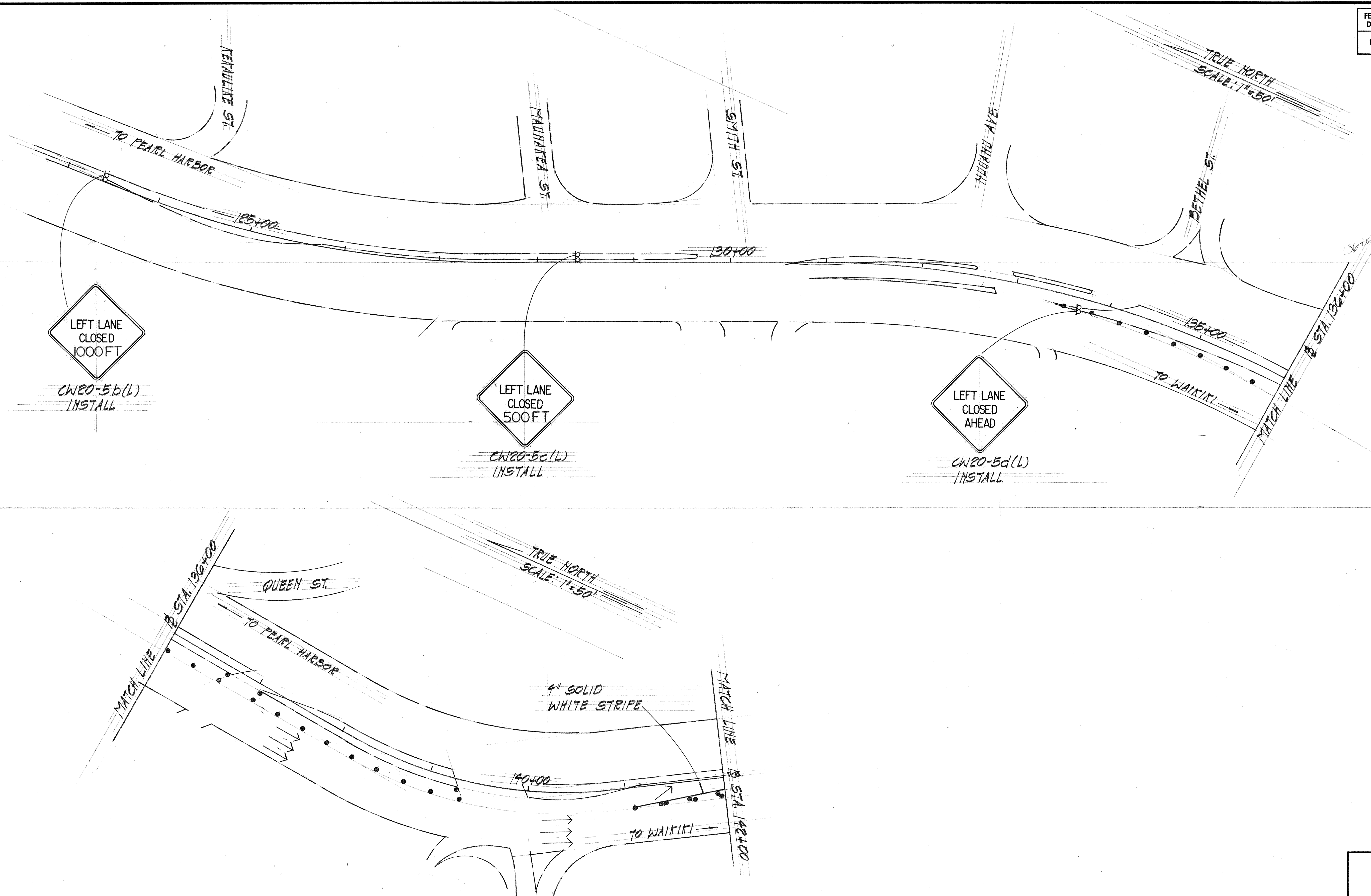
NOTE:

CONTRACTOR SHALL NOTIFY MR. GEORGE DOI (PHONE 546-1010) OF THE CITY & COUNTY OF HONOLULU, DEPARTMENT OF TRANSPORTATION SERVICES AT LEAST 3 WEEKS IN ADVANCE OF ANY ANTICIPATED CHANGES IN TRAFFIC PATTERNS ON BISHOP, RICHARDS OR HALEKUANILA STREETS.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NIMITZ HWY. REALIGNMENT
CONSTRUCTION DETOUR
SIGNS
PROJ. NO. EHS-U-092-1(II)
SCALE: AS SHOWN
SHEET No. 1 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(11)	1974	54	141



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

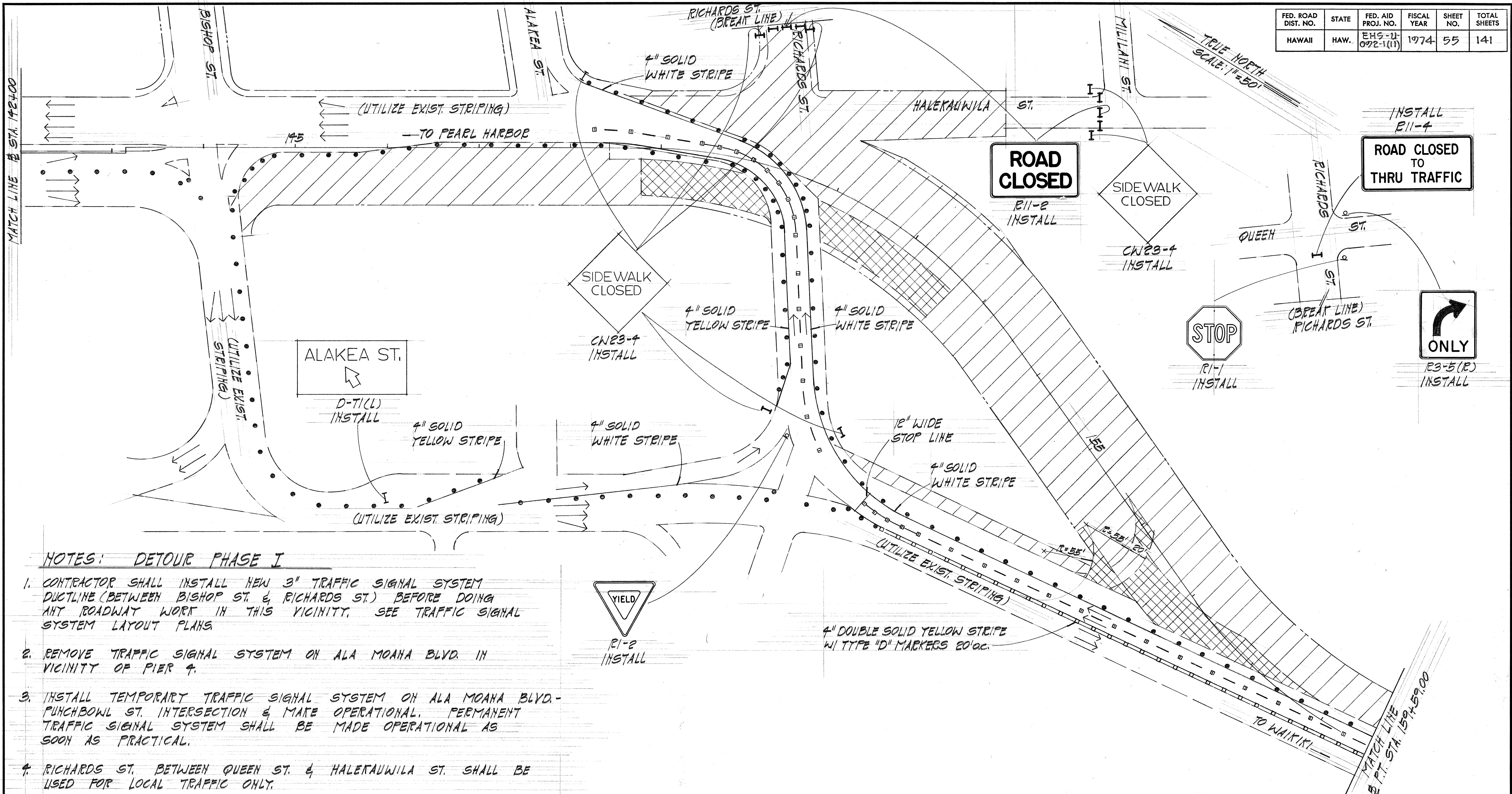
NIMITZ HWY REALIGNMENT
CONSTRUCTION DETOUR
SIGNING

PROJ. No. EHS-U-092-1(11)

SCALE: AS SHOWN

SHEET No. 2 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-11-092-1(11)	1974	55	141



NOTES: DETOUR PHASE I

1. CONTRACTOR SHALL INSTALL NEW 3" TRAFFIC SIGNAL SYSTEM DUCTLINE (BETWEEN BISHOP ST. & RICHARDS ST.) BEFORE DOING ANY ROADWAY WORK IN THIS VICINITY. SEE TRAFFIC SIGNAL SYSTEM LAYOUT PLANS.
2. REMOVE TRAFFIC SIGNAL SYSTEM ON ALA MOANA BLVD. IN VICINITY OF PIER 9.
3. INSTALL TEMPORARY TRAFFIC SIGNAL SYSTEM ON ALA MOANA BLVD. - PUNCHBOWL ST. INTERSECTION & MAKE OPERATIONAL. PERMANENT TRAFFIC SIGNAL SYSTEM SHALL BE MADE OPERATIONAL AS SOON AS PRACTICAL.
4. RICHARDS ST. BETWEEN QUEEN ST. & HALEKAUWILA ST. SHALL BE USED FOR LOCAL TRAFFIC ONLY.
5. HALEKAUWILA ST. BETWEEN RICHARDS ST. & MILILANI ST. SHALL BE USED FOR LOCAL TRAFFIC ONLY.

DATE	
SURVEY PLANNED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

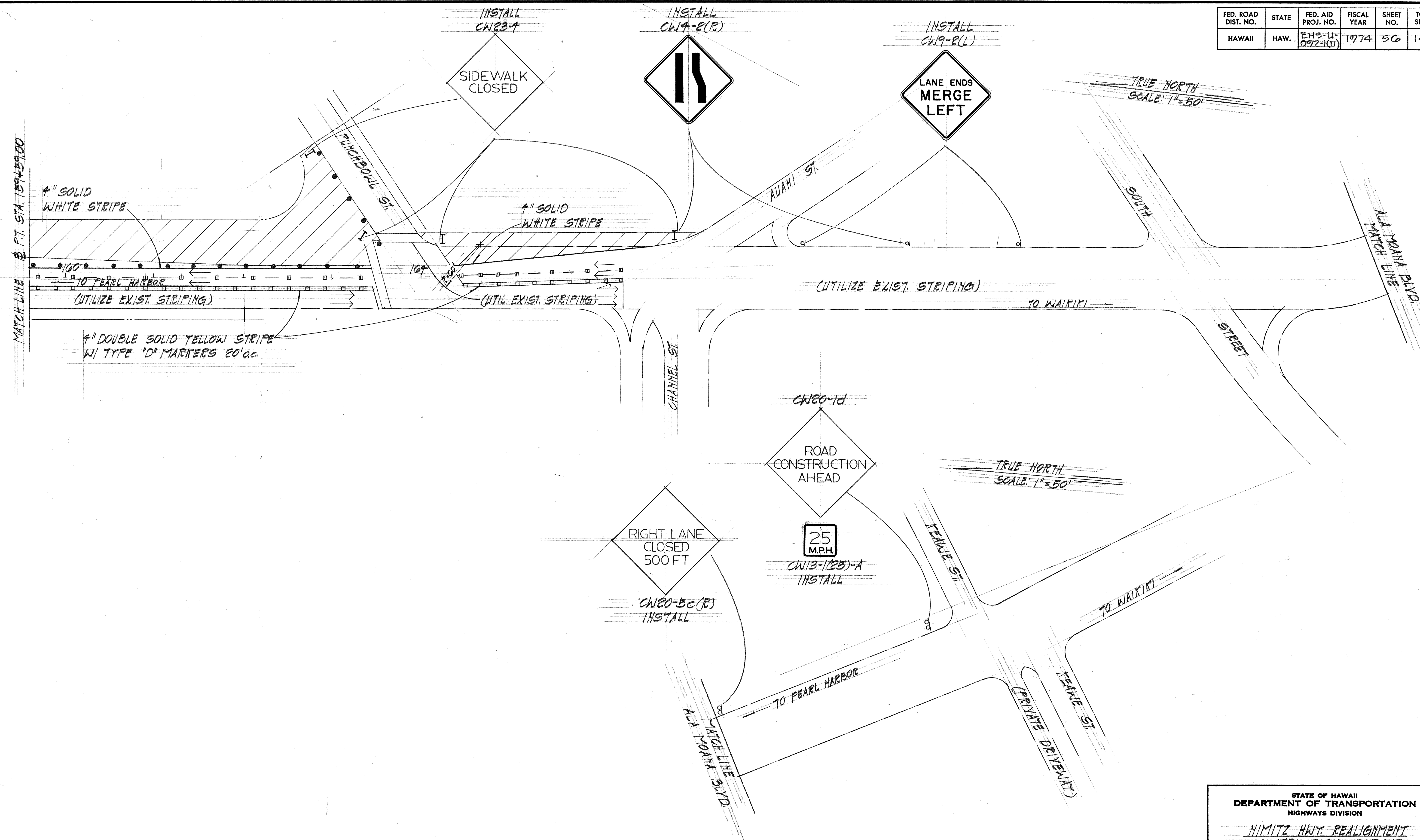
**HIMITZ HWY. REALIGNMENT
CONSTRUCTION DETOUR
PHASE I**

PROJ. No. EHS-11-092-1(11)

SCALE: AS SHOWN

SHEET No. 3 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(11)	1974	56	141



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

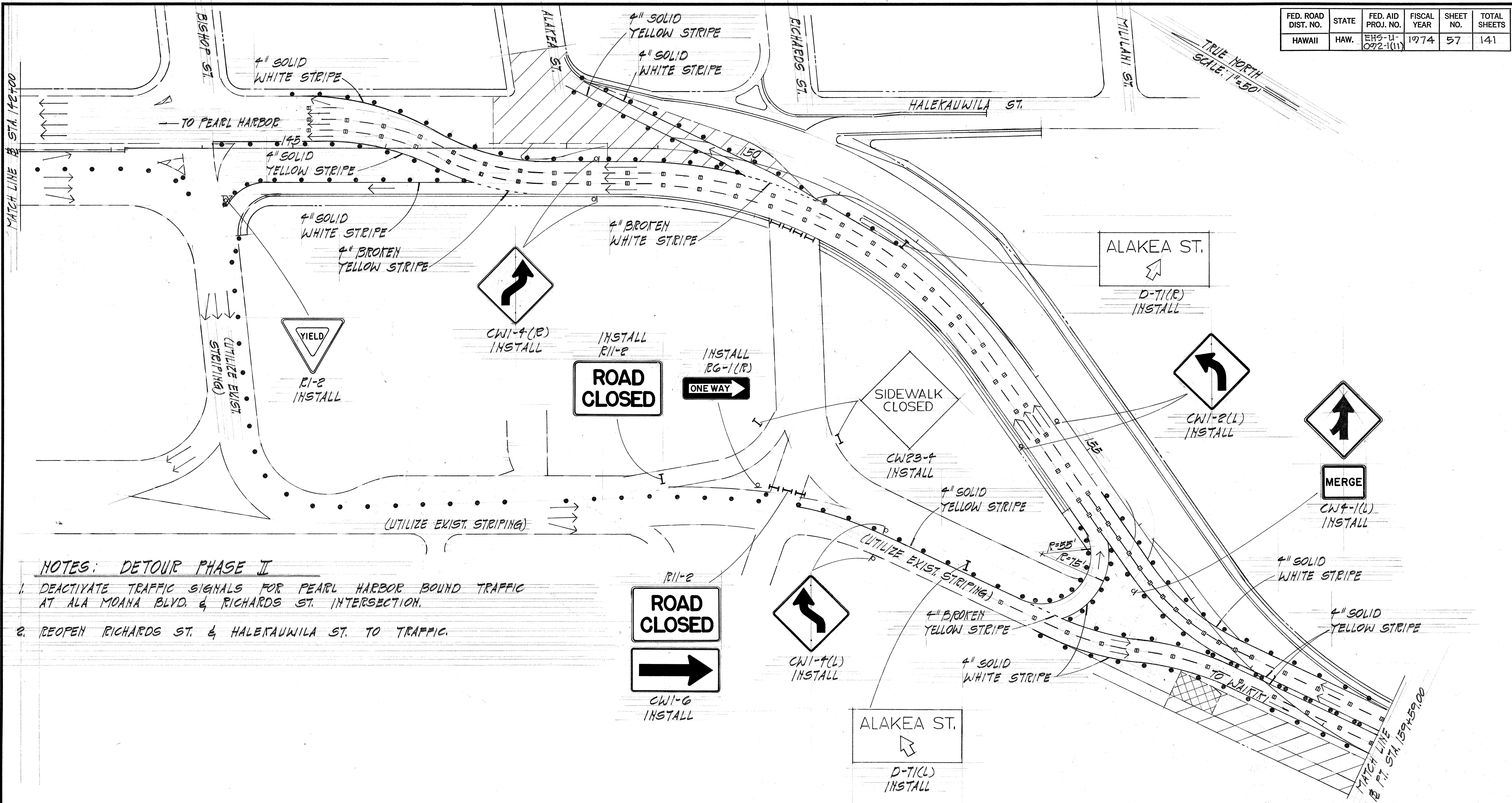
HIMITZ HWY. REALIGNMENT
CONSTRUCTION DETOUR
PHASE I

PROJ. No. EHS-U-092-1(11)

SCALE: AS SHOWN

SHEET No. 4 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(11)	1974	57	141



NOTES: DETOUR PHASE II

1. DEACTIVATE TRAFFIC SIGNALS FOR PEARL HARBOR BOUND TRAFFIC AT ALA MOANA BLVD. & RICHARDS ST. INTERSECTION.
2. REOPEN RICHARDS ST. & HALEKAUWILA ST. TO TRAFFIC.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

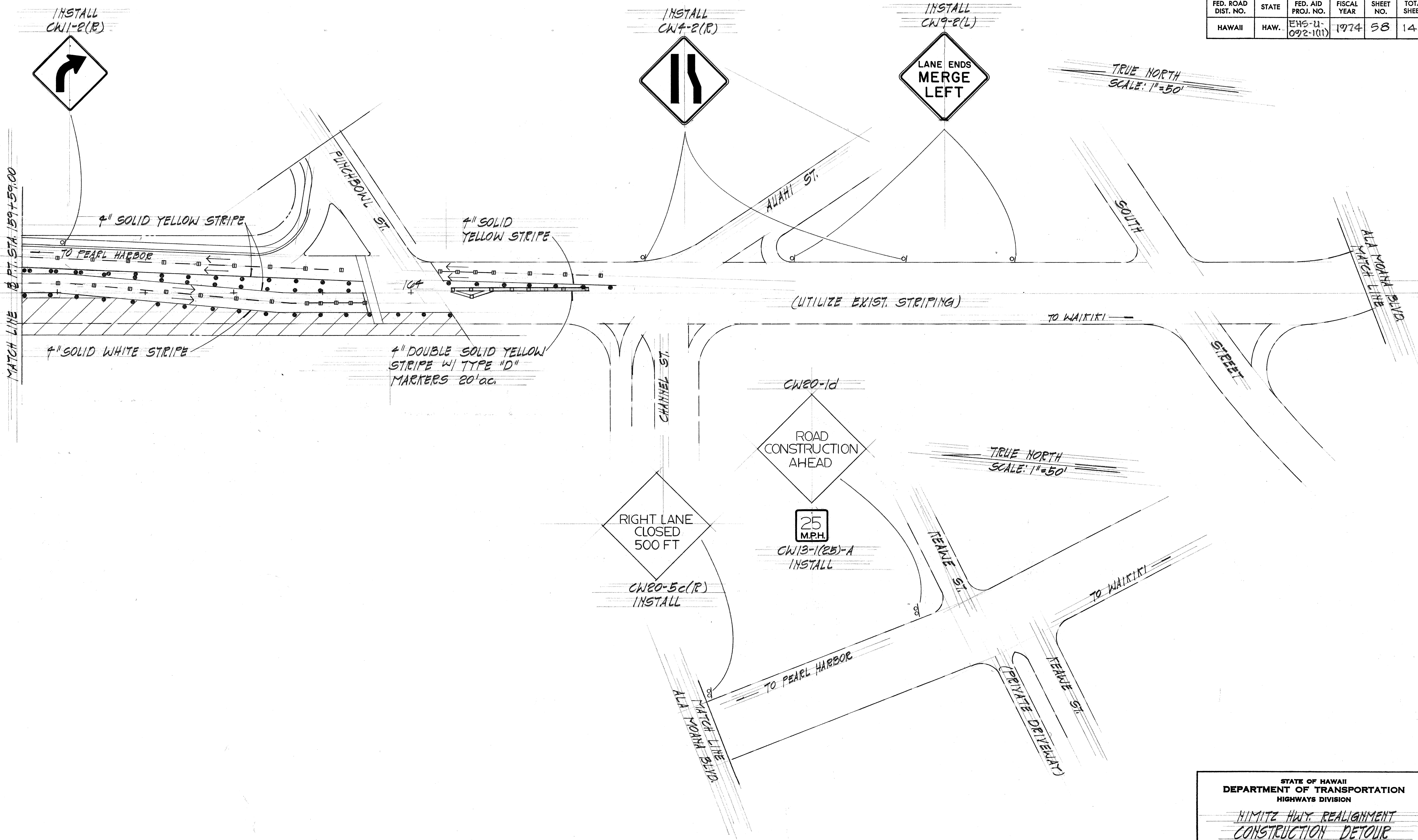
**HIMITZ HWY. REALIGNMENT
CONSTRUCTION DETOUR
PHASE II**

PROJ. NO. EHS-U-092-1(11)

SCALE: AS SHOWN

SHEET No. 5 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(11)	1974	58	141



DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
APPROVED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

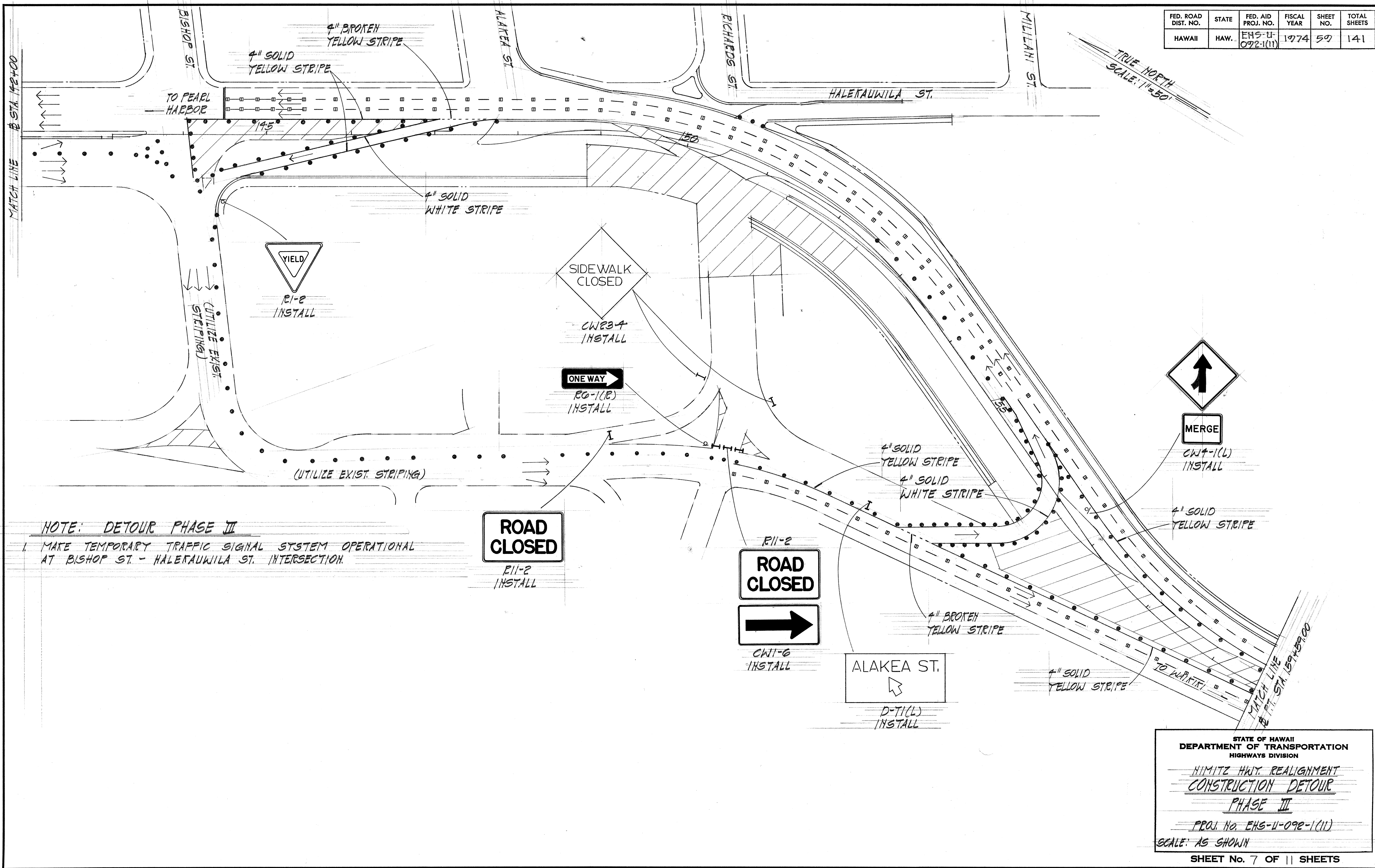
HIMITZ HWY. REALIGNMENT
CONSTRUCTION DETOUR
PHASE II

PROJ. No. EHS-U-092-1(11)

SCALE: AS SHOWN

SHEET No. 6 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(11)	1974	57	141



DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTED BY	_____
NO.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

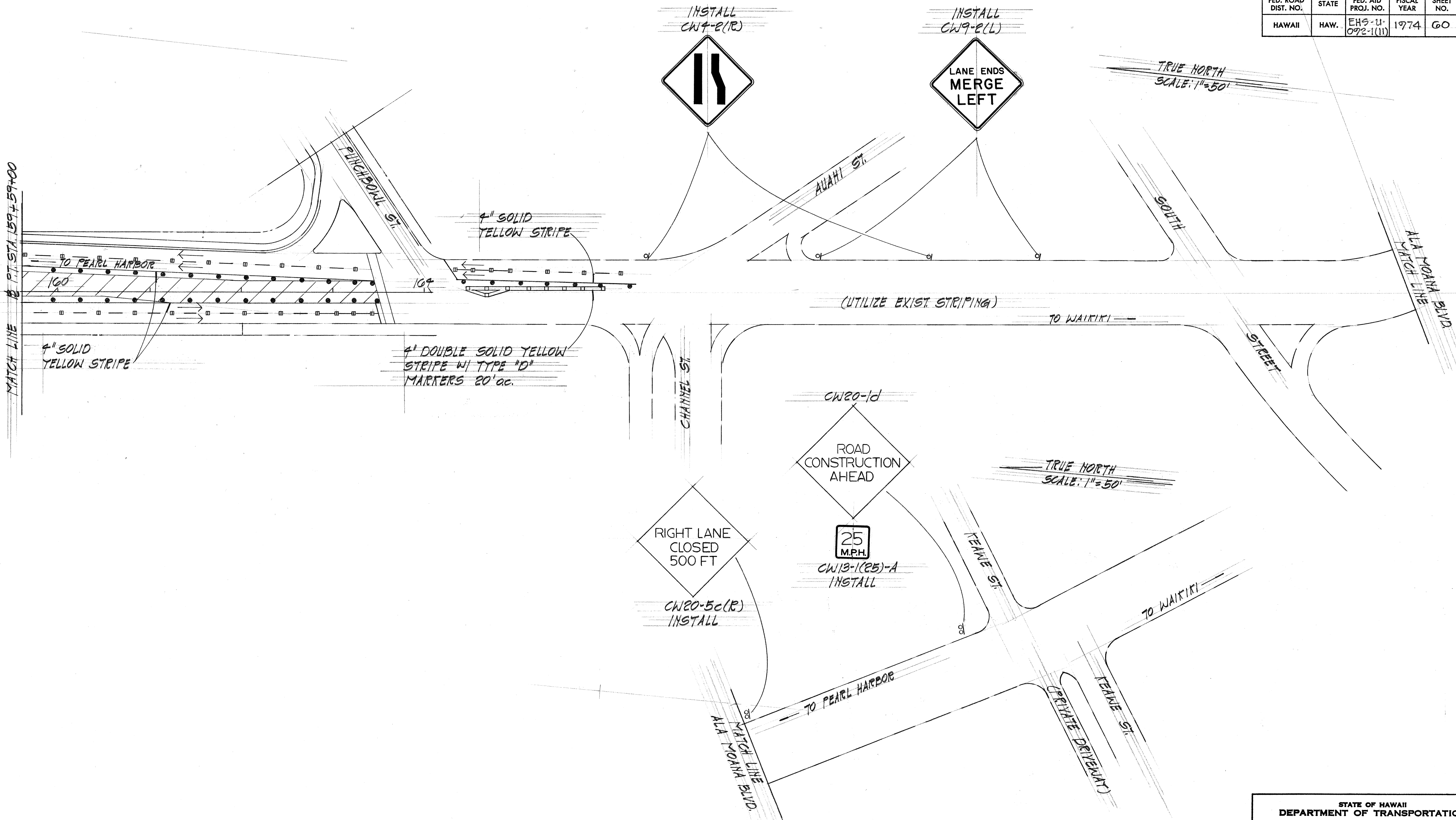
HIMITZ HWY. REALIGNMENT
CONSTRUCTION DETOUR
PHASE II

PROJ. No. EHS-U-092-1(11)

SCALE: AS SHOWN

SHEET No. 7 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(11)	1974	60	141



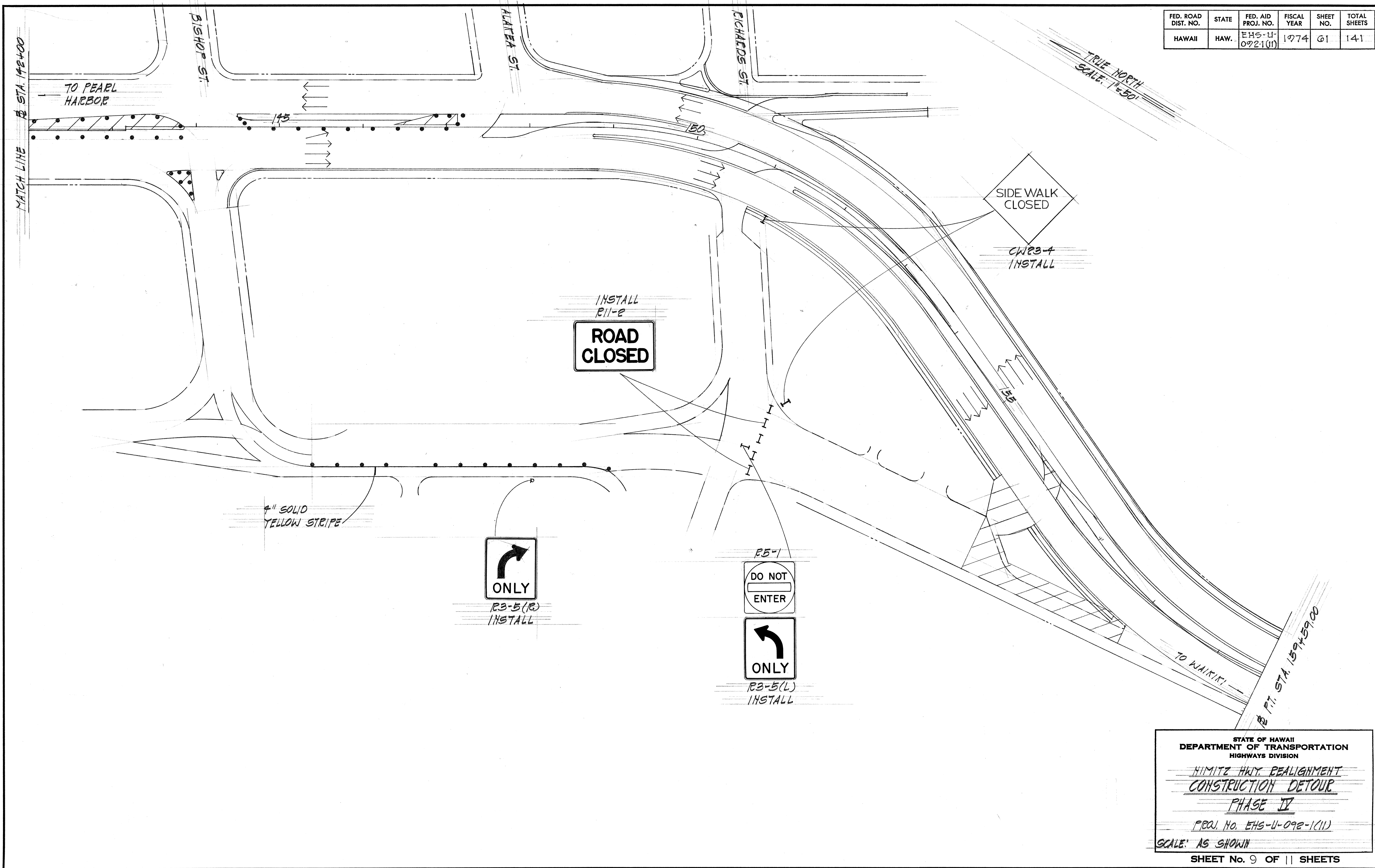
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LIMITZ HWY. REALIGNMENT
CONSTRUCTION DETOUR
PHASE III
PROJ. No. EHS-U-092-1(11)
SCALE: AS SHOWN

SHEET No. 8 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(11)	1974	61	141



ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**HIMITZ HWY. REALIGNMENT
CONSTRUCTION DETOUR
PHASE II**

PROJ. NO. EHS-U-092-1(11)

SCALE: AS SHOWN

SHEET No. 9 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-U-092-1(II)	1974	62	141

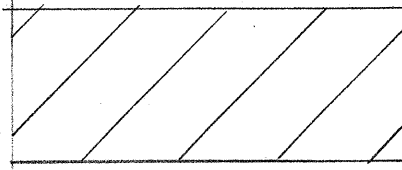
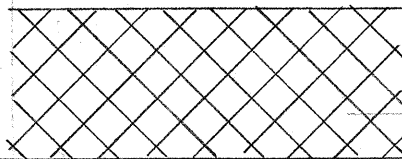
DETOUR SIGN SUMMARY

TYPE	DESCRIPTION	QUANTITY
P1-1	STOP	1
P1-2	YIELD	1
P3-5(L)	ONLY	1
P3-5(P)	ONLY	1
P5-1	DO NOT ENTER	1
P6-1(P)	ONE WAY	1
P11-2	ROAD CLOSED	2
P11-4	ROAD CLOSED TO THRU TRAFFIC	1
CW1-2(L)	←	2
CW1-2(P)	→	1
CW1-4(L)	↖	2
CW1-4(P)	↗	2
CW1-6	⇒	1
CW4-1(L)	↑ MERGE	1
CW4-2(P)	↓	2
CW9-2(L)	LANE ENDS MERGE LEFT	2
CW13-1(25)-A	25 M.P.H.	3
CG20-2	END CONSTRUCTION	2
CW20-1d	ROAD CONSTRUCTION AHEAD	2
CW20-2d	DETOUR AHEAD	1
CW20-5b(L)	LEFT LANE CLOSED 1000 FT.	1
CW20-5c(L)	LEFT LANE CLOSED 500 FT.	1
CW20-5c(P)	RIGHT LANE CLOSED 500 FT.	1
CW20-5d(L)	LEFT LANE CLOSED AHEAD	1
CW23-4	SIDEWALK CLOSED	11
D-T1(L)	ALANEA ST. ↖	1
D-T1(P)	ALANEA ST. ↗	1

GENERAL NOTES - DETOURS

1. CONTRACTOR MAY SUBMIT ALTERNATE DETOUR SCHEMES TO THE ENGINEER FOR REVIEW & CONSIDERATION.
2. DETOUR TRAFFIC LANES SHALL BE A MINIMUM OF 10' WIDE.
3. WHERE TEMPORARY MARKING OF THE PERMANENT ROADWAY ALIGNMENT IS REQUIRED, THE LAST LIFT OF PAVEMENT MIX SHALL BE OMITTED UNTIL THE PERMANENT PAVEMENT MARKINGS CAN BE INSTALLED UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.
4. DETOURS MUST BE WITHIN THE ESTABLISHED STATE RIGHT-OF-WAY OR CONSTRUCTION EASEMENT.
5. CONTRACTOR SHALL PROVIDE FOR A MINIMUM OF 2 LANES OF TRAFFIC IN EACH DIRECTION AT ALL TIMES.
6. PAVEMENT STRIPING FOR DETOURS SHALL BE PAID FOR UNDER THE FOLLOWING ITEM:
a. ITEM 642.01 PAVEMENT STRIPING
7. FOR EACH DETOUR PHASE, THE EXACT LIMITS OF THE PERMANENT ROADWAY CONSTRUCTION SHALL BE DETERMINED BY THE ENGINEER.
8. FOR PAVEMENT MARKING DETAILS, SEE PLAN SHOTS #74 & 75.
9. DURING DETOUR CONSTRUCTION PHASES, EXISTING CROSSWALKS SHALL BE MAINTAINED OR ADJUSTED AS NECESSARY WITH ALL COSTS INCIDENTAL TO THE VARIOUS DETOUR ITEMS.

LEGEND - DETOURS

H	CLASS I BARRICADE
•	DELINEATOR TUBE
	PERMANENT CONSTRUCTION
	TEMPORARY CONSTRUCTION

DETOUR PAVEMENT MARKING SUMMARY

DESCRIPTION	QUANTITY
TYPE 'C' MARKERS (RED-CLEAR REFLECTIVE)	280 EA.
TYPE 'D' MARKERS (YELLOW REFLECTIVE)	75 EA.
PAVEMENT STRIPING	23,400 L.F.

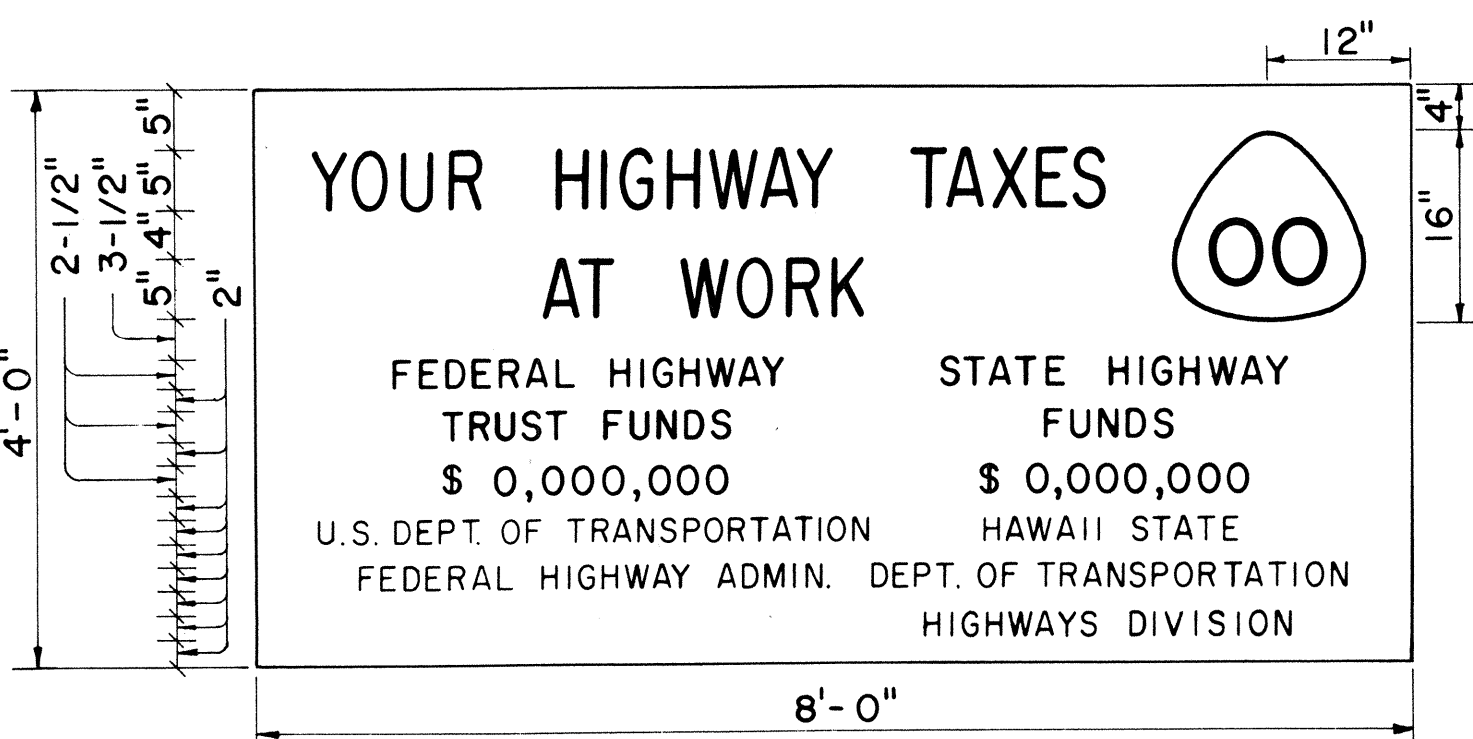
BARRICADES & CHANNELIZING DEVICES

DESCRIPTION	QUANTITY
DELINEATOR TUBES	280 EA.
CLASS I BARRICADES	19 EA.

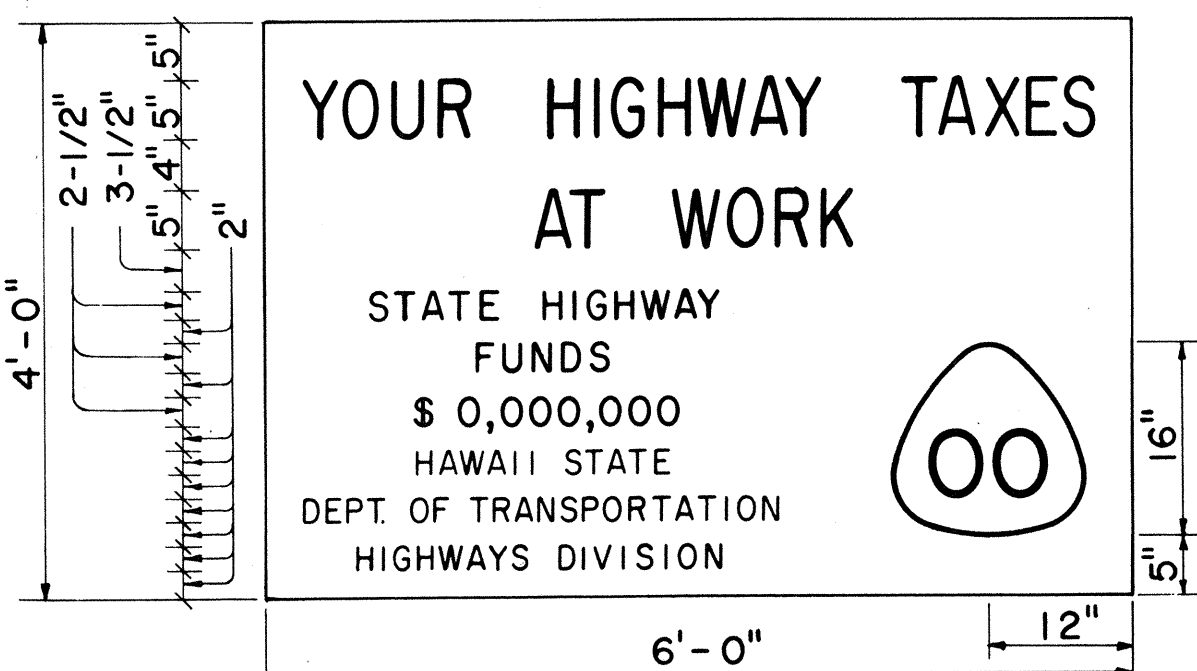
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**NIMITZ HWY. REALIGNMENT
CONSTRUCTION DETOURS
SUMMARIES & NOTES**
PROJ. NO. EHS-U-092-1(II)

DATE: _____
DESIGNED BY: _____
CHECKED BY: _____
DRAWN BY: _____
NOTED BY: _____
ORIGINAL: _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EH9-U-092-1(11)	1974	03	141



SIGN PANEL
PRIMARY AND SECONDARY SYSTEMS
Scale: 3/4" = 1'-0"



SIGN PANEL
NON-FEDERAL AID PROJECT
Scale: 3/4" = 1'-0"

GENERAL NOTES

- The sign legend shall be black on white background.
- The Contractor shall construct, install and maintain the project signs at the locations shown on the plans and as ordered by the Engineer.
- Letters shall be Series "C" of the sizes shown on the plan and shall conform to the FHWA publication "Standard Alphabets for Highway Signs," 1966.
- The Contractor shall fill in the proper numerals in place of ciphers as ordered by the Engineer.
- For State Route Marker detail, see sht. DT 209. Include 1/2" black border around edge of marker.

APPROVAL RECOMMENDED:
Erick Tanaka
TRAFFIC ENGINEER

12/29/69
DATE

APPROVED:
John J. S. S.
ASSISTANT CHIEF, ENGINEERING

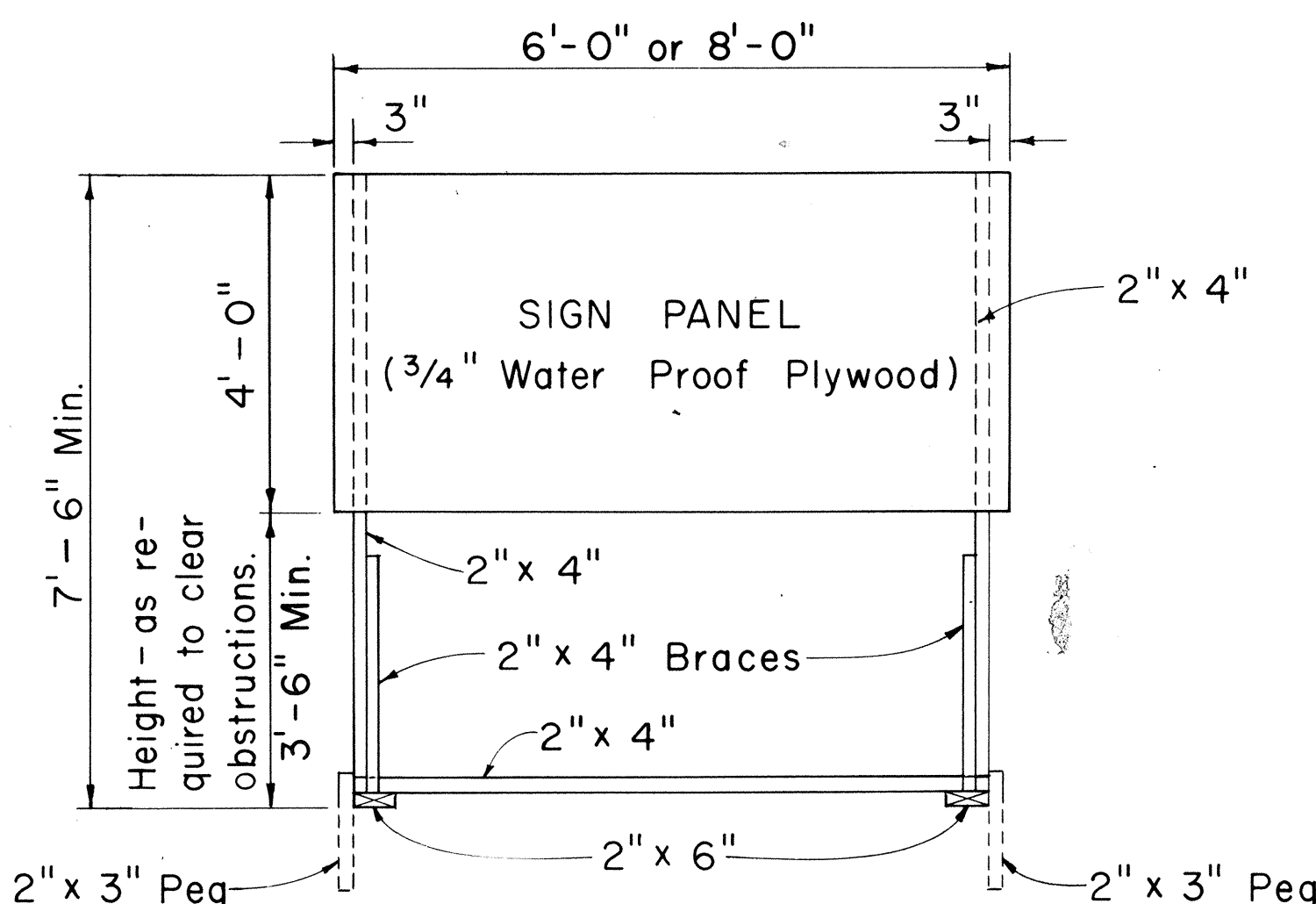
12/30/69
DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DETAILS
CONSTRUCTION IDENTIFICATION SIGN
AND
WOOD BARRICADES

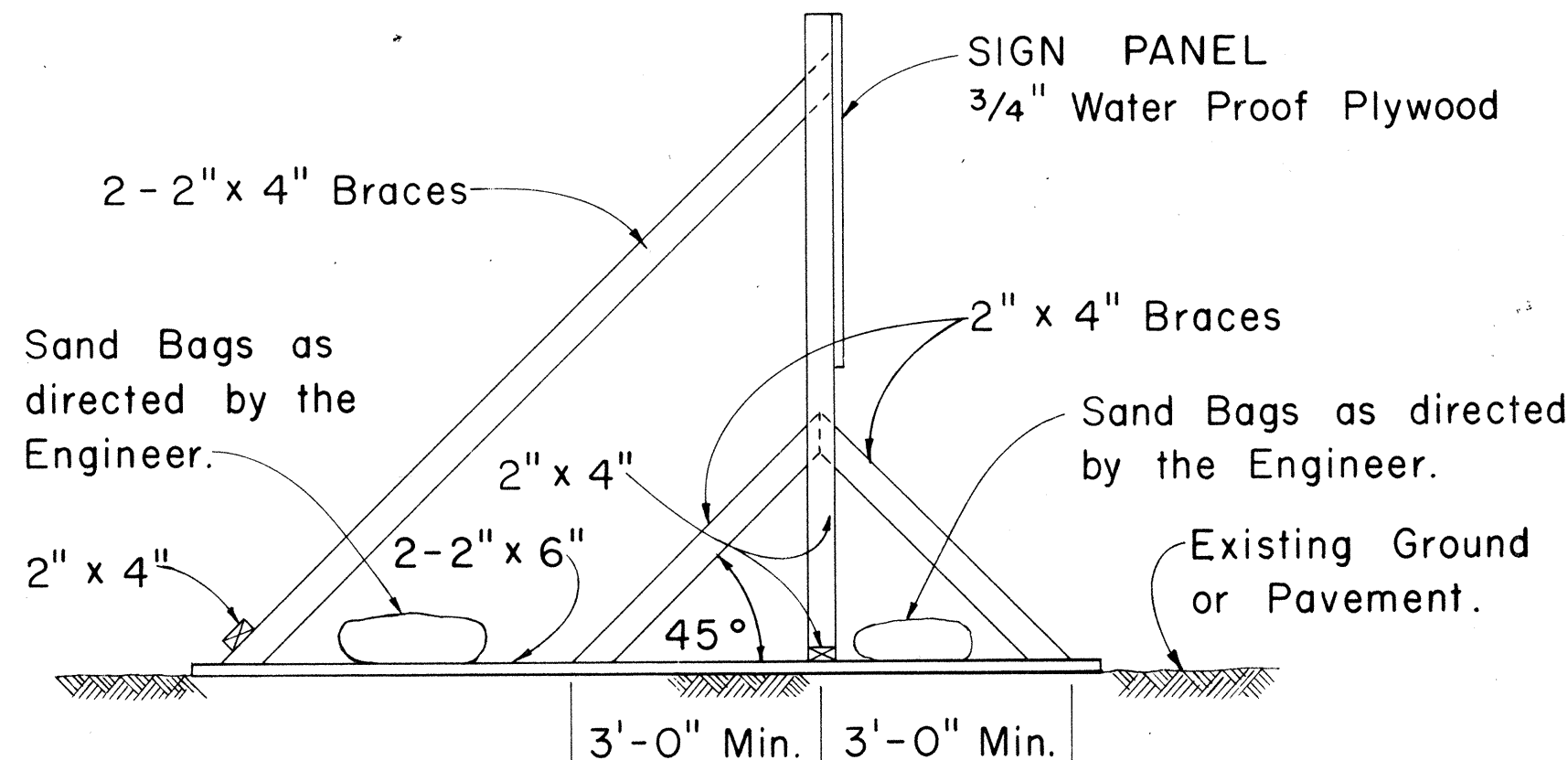
Scale: As Shown
SHEET No. 11 OF 11 SHEETS DT 801

GENERAL NOTES

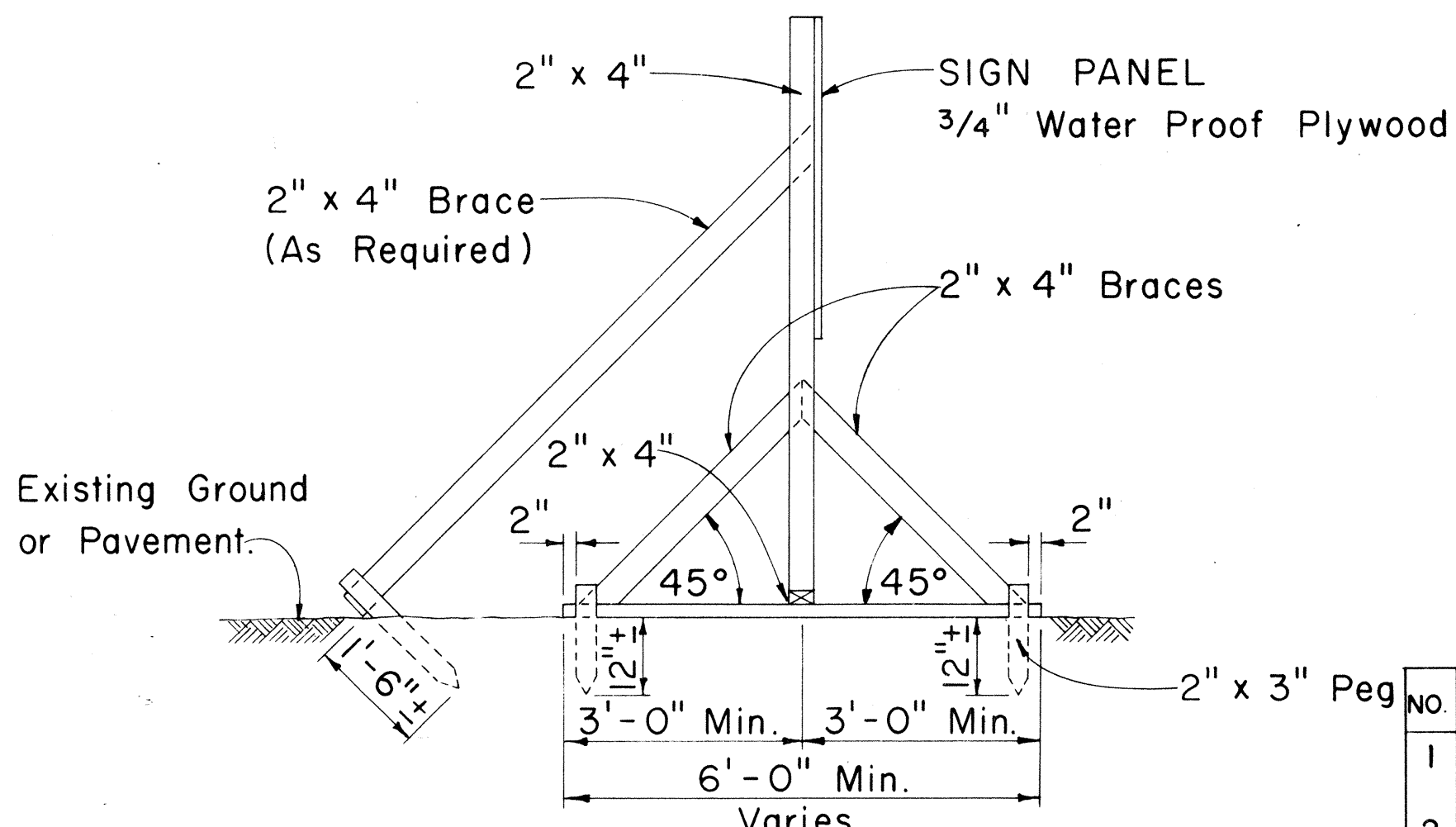
- The Contractor shall construct, install and maintain the wood barricades at the locations shown on the Plans.
- The permanent wood barricades shall be left in place or relocated upon completion of the project as ordered by the Engineer and are to become State property.
- The orange and white stripes shall slant downward toward the side on which traffic is to pass and shall be reflectorized.



FRONT VIEW
Scale: 1/2" = 1'-0"



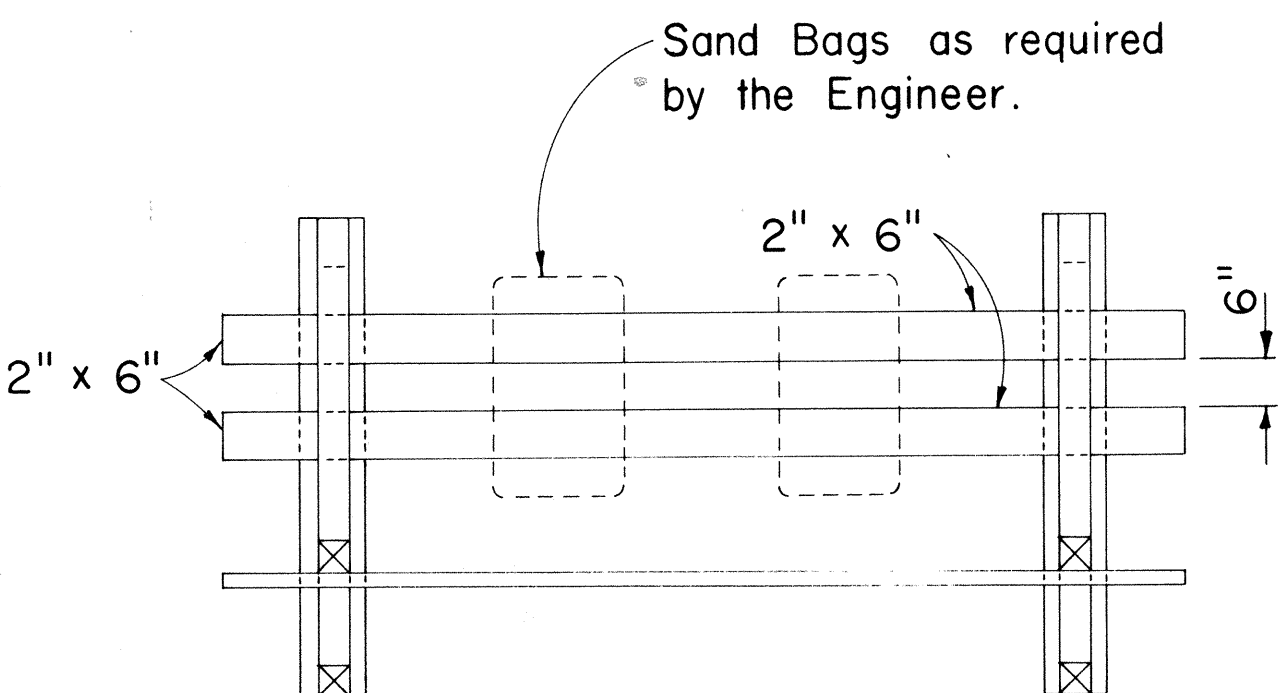
SIDE VIEW
(SIGN FRAME WEIGHTED DOWN)
Scale: 1/2" = 1'-0"



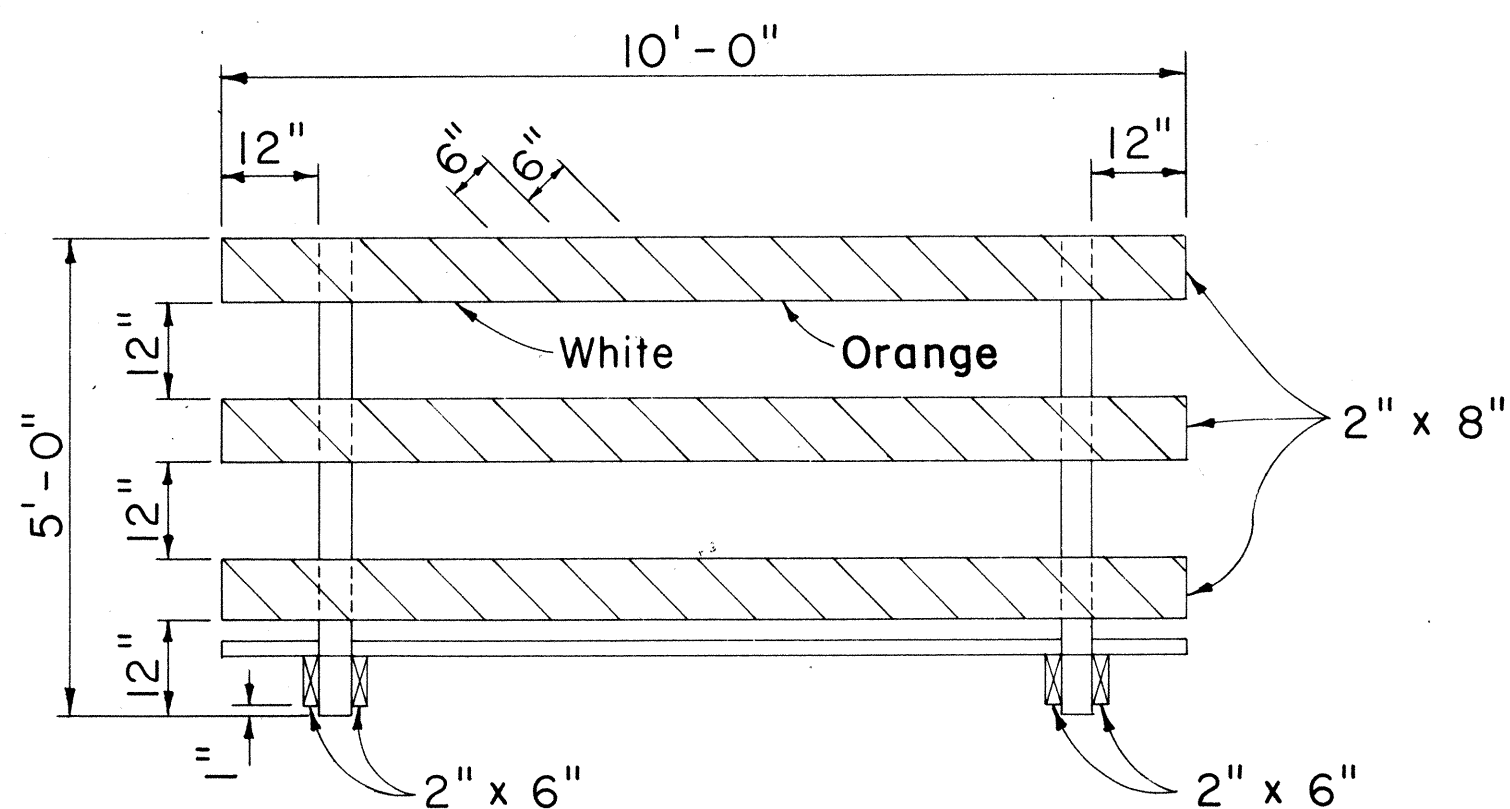
SIDE VIEW
(SIGN FRAME ANCHORED IN GROUND)
Scale: 1/2" = 1'-0"

CONSTRUCTION IDENTIFICATION SIGN
Scale: As Shown

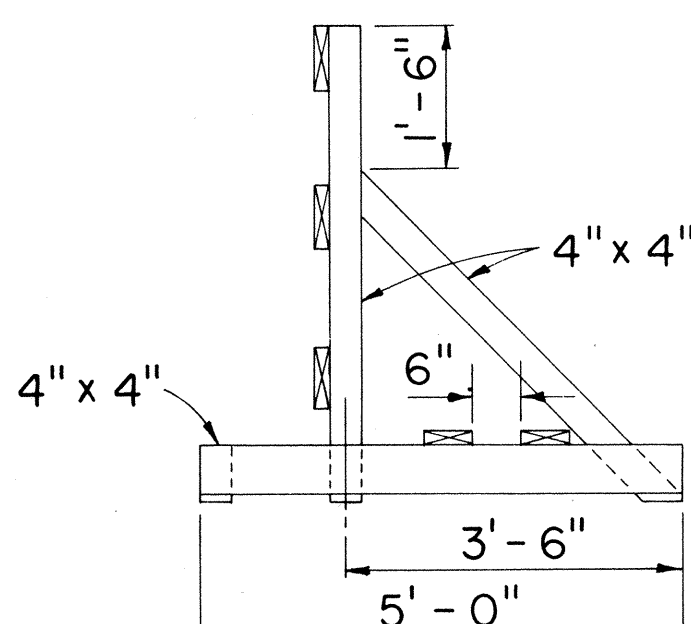
No.	REVISION	APPROVED BY	DATE
1	Delete "Bureau of Public Roads"	H.C.	9-29-70
2	Add Note No. 3 for Barricades	H.C.	5-4-71
3	Revise Route Marker	H.C.	4-12-72
4	Revise stripe color for Barricades.	H.C.	10-21-72



PLAN VIEW

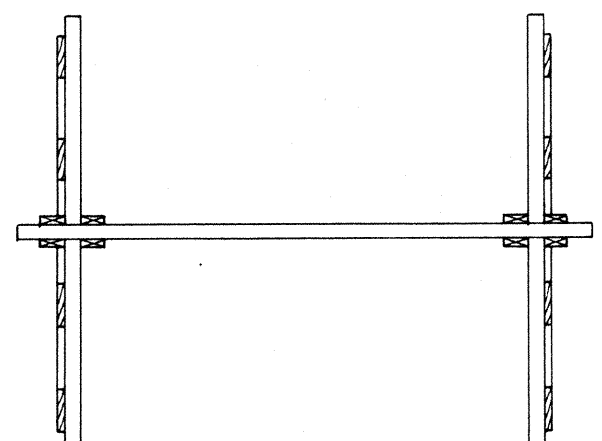


FRONT VIEW

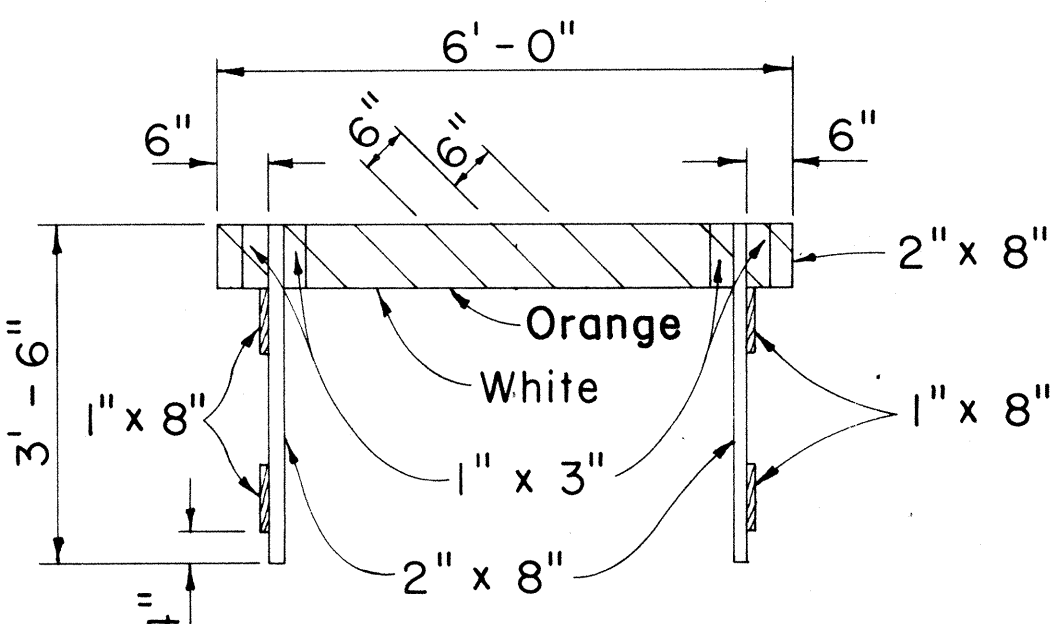


END VIEW

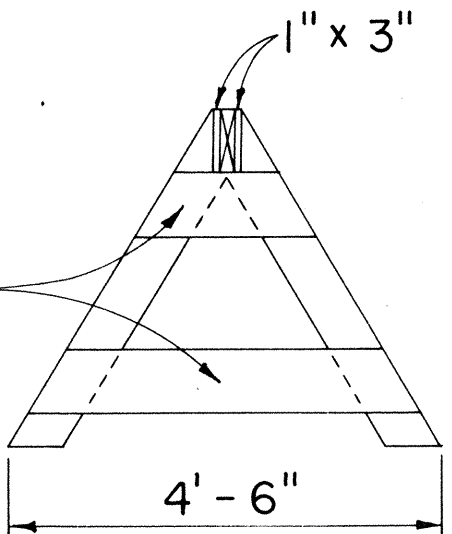
CLASS I BARRICADE
Scale: 1/2" = 1'-0"



PLAN VIEW



FRONT VIEW



END VIEW

CLASS II BARRICADE
Scale: 1/2" = 1'-0"

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