

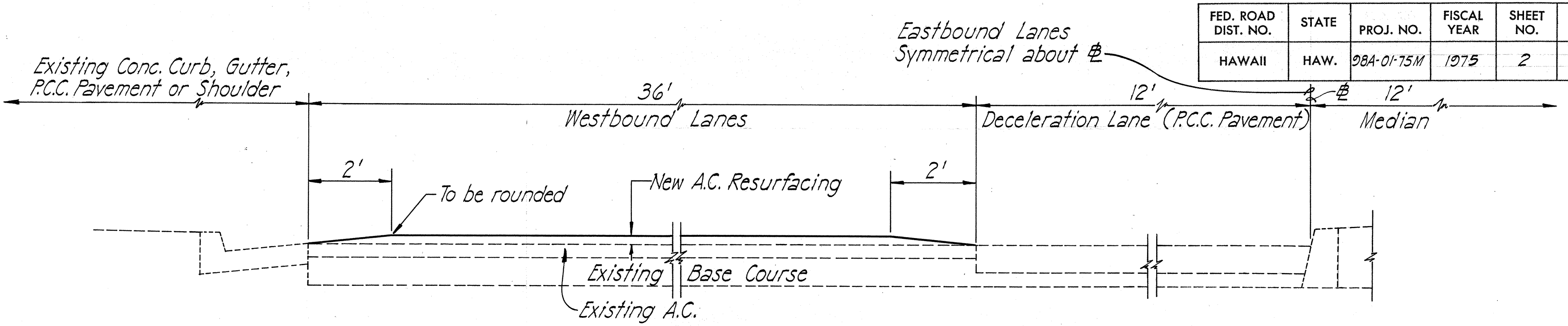
GENERAL NOTES

1. The existing pavement shall be prepared for resurfacing by brooming off and tack coating. All cracks, depressions and holes encountered in the existing pavement shall be cleaned of loose material and filled and compacted with asphaltic concrete. This work shall be considered as incidental to Asphalt Concrete Pavement and no separate payment shall be made thereof.
2. The prepared surface shall be resurfaced with Asphaltic Concrete Mix No. I to the specified thickness as indicated on the Schedule. There will be no resurfacing on unpaved median areas.
3. Smooth riding transitions as directed by the Engineer shall be provided at the beginning and end of the Project and at all paved roadway connections. Edges of resurfacing shall be feathered down at edges of pavement in uncurbed sections.
4. All reconstruction data as indicated on the Schedule are measured from the center of the reconstruction patch. All figures are approximate.
5. All existing reference monuments on pavement shall be referenced before resurfacing and exposed after resurfacing. Frame and cover (if any) of monuments shall be raised. This work shall be considered as incidental to Asphalt Concrete Pavement and no separate payment shall be made thereof.
6. Before paving, the Contractor shall reference all existing manholes in a manner satisfactory to the Engineer. The Contractor shall notify all applicable utility agencies or companies prior to beginning paving operations. These shall be considered as incidental to Asphalt Concrete Pavement and no separate payment shall be made thereof.
7. The Contractor shall keep at least one lane open to traffic in any direction during his working hours, and all lanes open to traffic during his non-working hours or days.
8. The Contractor's attention is directed to Subsection 104.08-Availability of Funds of the Special Provisions.
9. There shall be no resurfacing on Kapalama Canal Bridge No. 1.
10. All existing asphalt concrete pavement on Kapalama Canal Bridge No. 2 shall be scarified and removed before resurfacing. This work shall be considered incidental to Asphalt Concrete Pavement and no separate payment shall be made thereof.

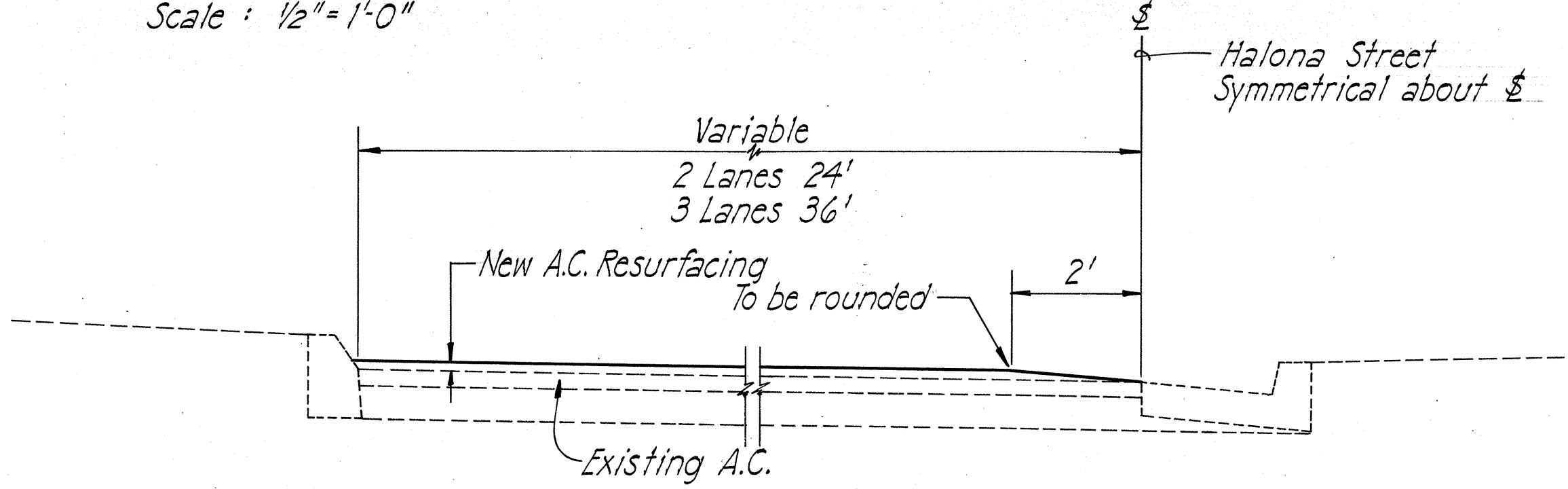
SCHEDULE OF RESURFACING

STATION	STREET	A.C. PAVEMENT MIX NO. I OVERLAY THICKNESS
0+00 to 28+97	Halona Street	1 1/2"
0+33 to 29+60	Olomea Street	1 1/2"
86+50 to 110+00	Vineyard Westbound	1"
86+50 to 110+00	Vineyard Eastbound	1"

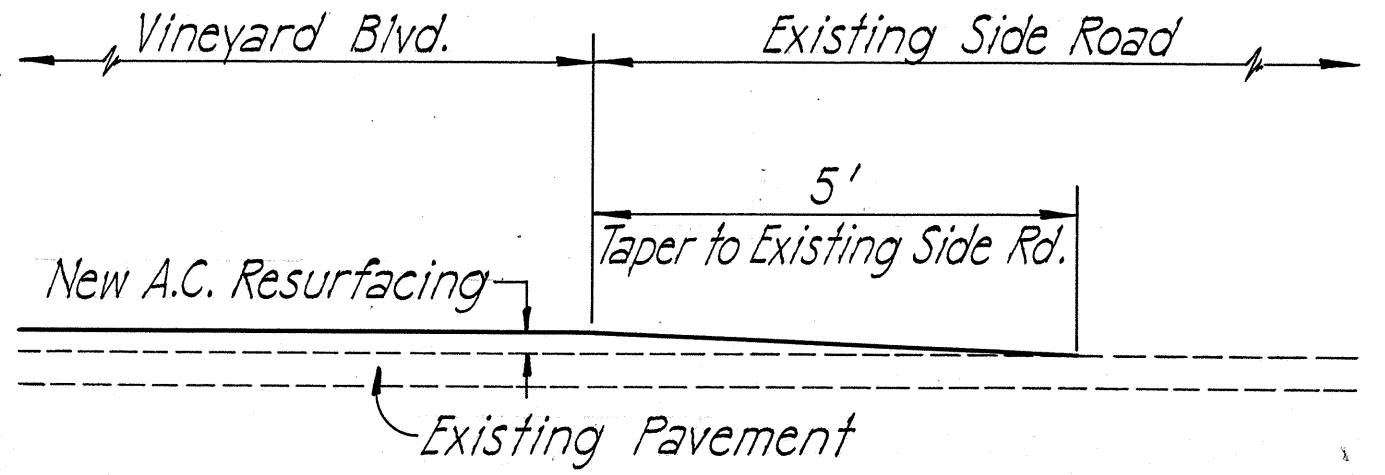
SCHEDULE OF RECONSTRUCTION				
STATION	STREET	DIMENSIONS	OFFSET FROM $\pm$ or $\#$	
4+51	Halona Street	6' x 5'	27' Lt.	
5+63	" "	6' x 6'	17' Lt.	
16+46	" "	6' x 12'	17' Lt.	
22+57	" "	12' x 35'	33' Lt.	
23+50	" "	15' x 25'	25' Lt.	
23+96	" "	10' x 35'	13' Lt.	
24+87	" "	6' x 15'	16' Lt.	
25+50	" "	6' x 30'	21' Lt.	
25+98	" "	6' x 205'	10' Lt.	
28+26	" "	3' x 140'	10' Lt.	
28+62	" "	536.5 #	35' Rt.	
2+69	Olomea Street	18' x 65'	15' Lt.	
3+30	" "	6' x 35'	15' Lt.	
3+30	" "	6' x 15'	3' Lt.	
3+95	" "	6' x 20'	21' Lt.	
4+02	" "	6' x 6'	15' Lt.	
5+07	" "	8' x 65'	20' Lt.	
6+40	" "	3' x 40'	12' Lt.	
7+12	" "	2' x 25'	12' Lt.	
7+45	" "	6' x 25'	9' Lt.	
8+20	" "	6' x 11'	3' Lt.	
8+20	" "	6' x 11'	14' Lt.	
10+77	" "	4' x 11'	22' Lt.	
13+61	" "	6' x 6'	21' Lt.	
15+07	" "	17' x 24'	12' Lt.	
16+60	" "	15' x 24'	12' Lt.	
19+64	" "	12' x 13'	18' Lt.	
20+45	" "	4' x 6'	15' Lt.	
23+40	" "	6' x 100'	16' Lt.	
107+72	Vineyard Eastbound	12' x 270'	18' Rt.	



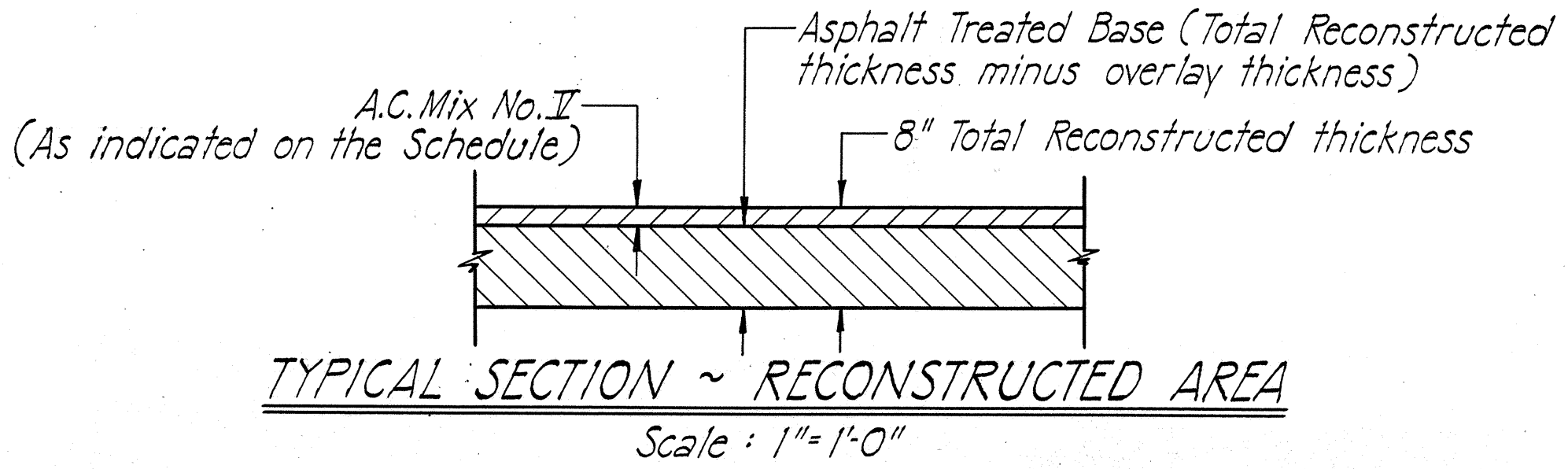
TYPICAL SECTION ~ VINEYARD BLVD. RESURFACING
Scale : 1/2" = 1'-0"



TYPICAL SECTION ~ OLOMEA STREET
Scale : 1/2" = 1'-0"



TYPICAL SECTION ~ SIDE ROAD CONNECTION
Scale : 1/2" = 1'-0"

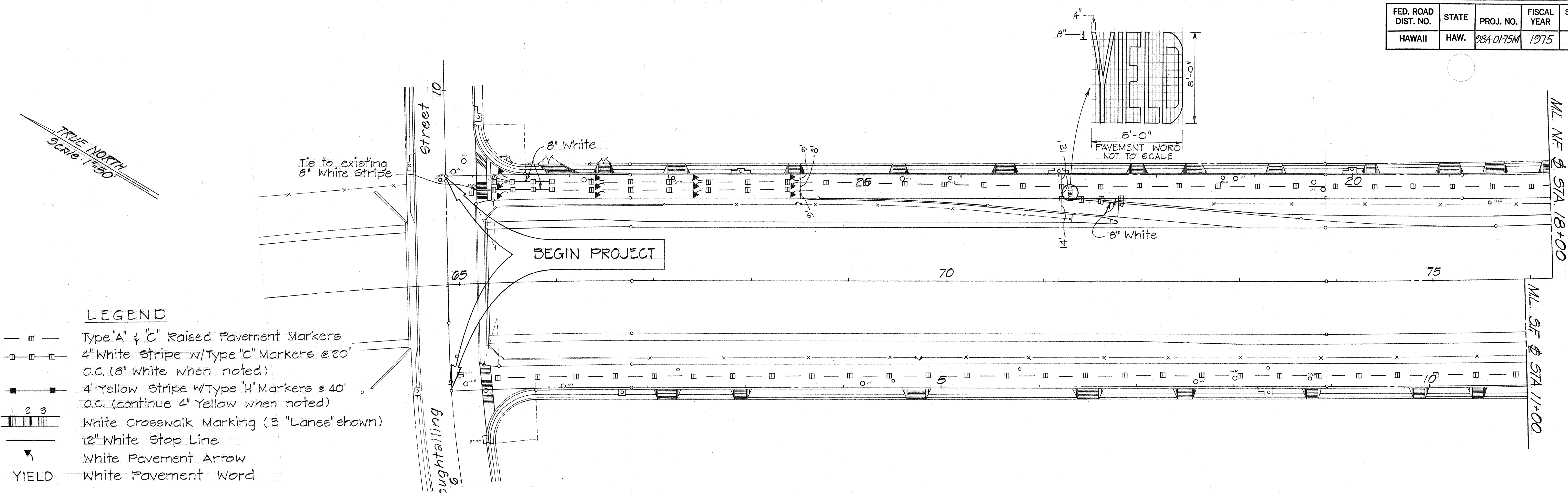


TYPICAL SECTION ~ RECONSTRUCTED AREA
Scale : 1" = 1'-0"

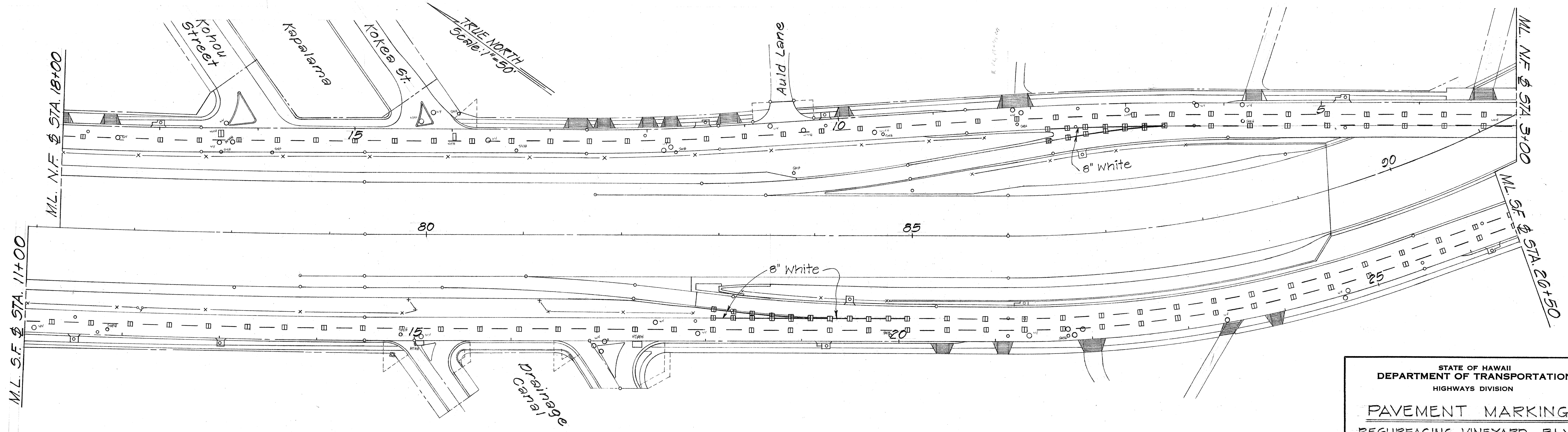
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GENERAL NOTES, TYPICAL SECTIONS
AND SCHEDULES
RESURFACING VINEYARD BLVD.
Houghtailing St. to South of Liliha St.
PROJECT No. 98A-01-75M

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	28A-01-75M	1975	3	7



- LEGEND**
- Type "A" & "C" Raised Pavement Markers
 - 4" White Stripe w/Type "C" Markers @ 20' O.C. (8" White when noted)
 - 4" Yellow Stripe w/Type "H" Markers @ 40' O.C. (continue 4" Yellow when noted)
 - White Crosswalk Marking (3 "Lanes" shown)
 - 12" White Stop Line
 - White Pavement Arrow
 - YIELD White Pavement Word



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

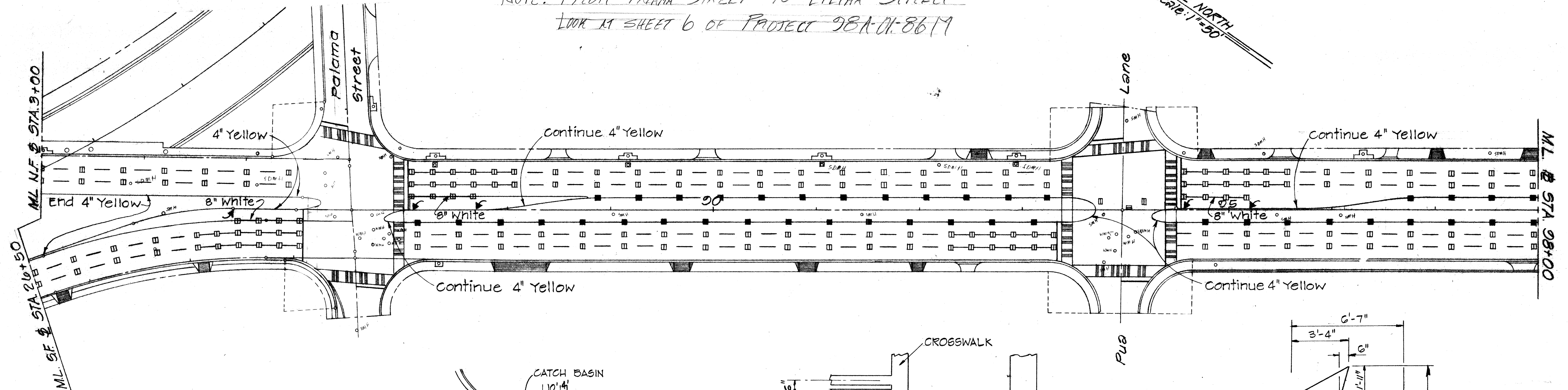
PAVEMENT MARKINGS
RESURFACING VINEYARD BLVD
Houghtailing St. to South of Liliha St.
Proj. No. 28A-01-75M

Scale: As Shown Date: Feb. 1975
SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	98A-01-75M	1975	4	7

NOTE: FROM PALAMA STREET TO LILIHA STREET
LOOK AT SHEET 6 OF PROJECT 98A-01-8617

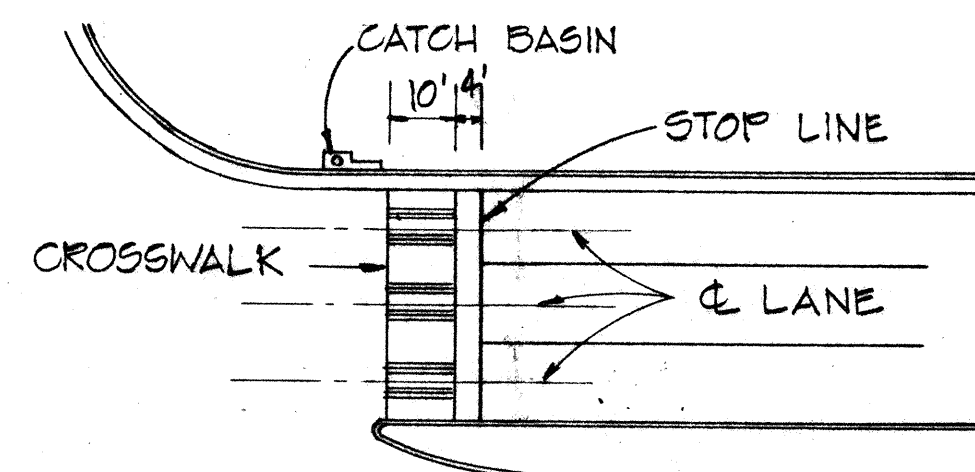
TRUE NORTH
Scale: 1"=50'



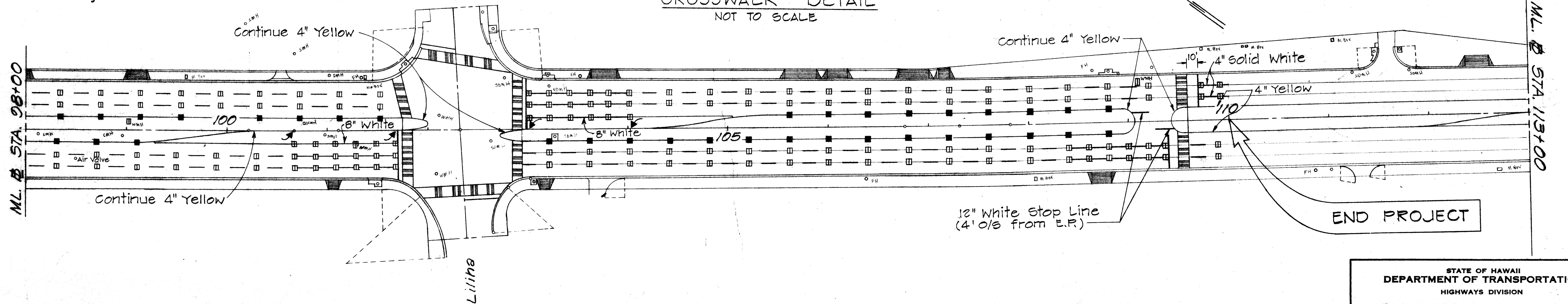
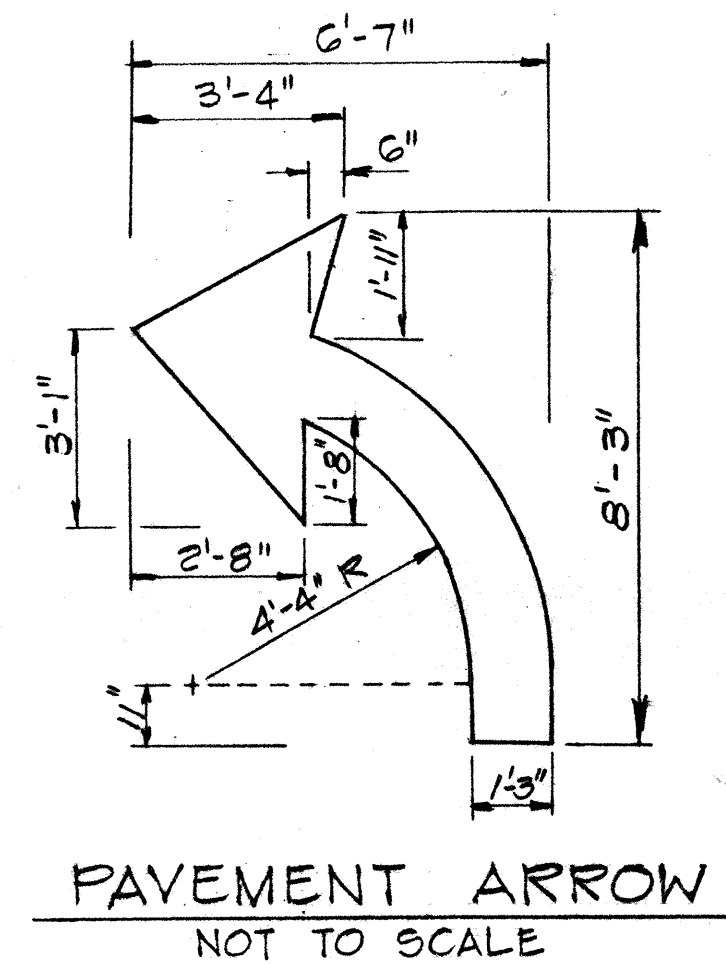
GENERAL NOTES

1. Pavement markings shall conform to the "Manual on Uniform Traffic Control Devices for Streets and Highways," 1971, and as shown on the plans.
2. Layout of pavement markings and striping shall be done by the Contractor. Contractor shall check layout of markers and striping with the Engineer prior to performing work.

NOTE: SET ALL CROSSWALKS AWAY FROM CATCH BASINS



CROSSWALK DETAIL NOT TO SCALE



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

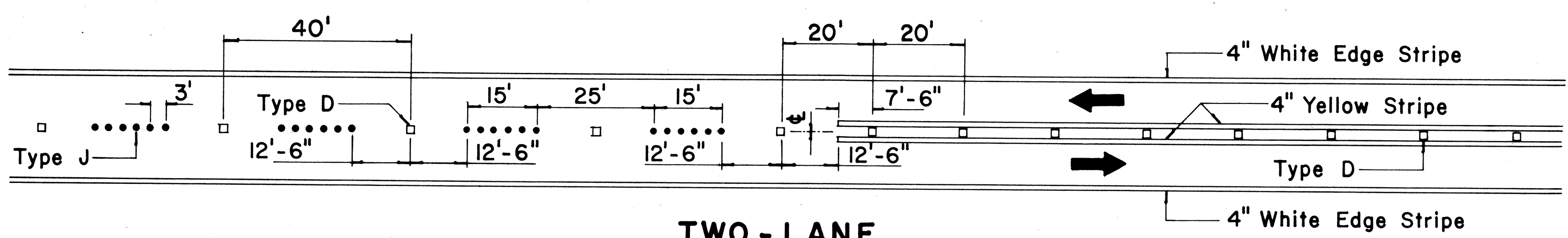
PAVEMENT MARKINGS

RESURFACING VINEYARD BLVD.
Houghtailing St. to South of Liliha St.
Proj. No. 98A-01-75M

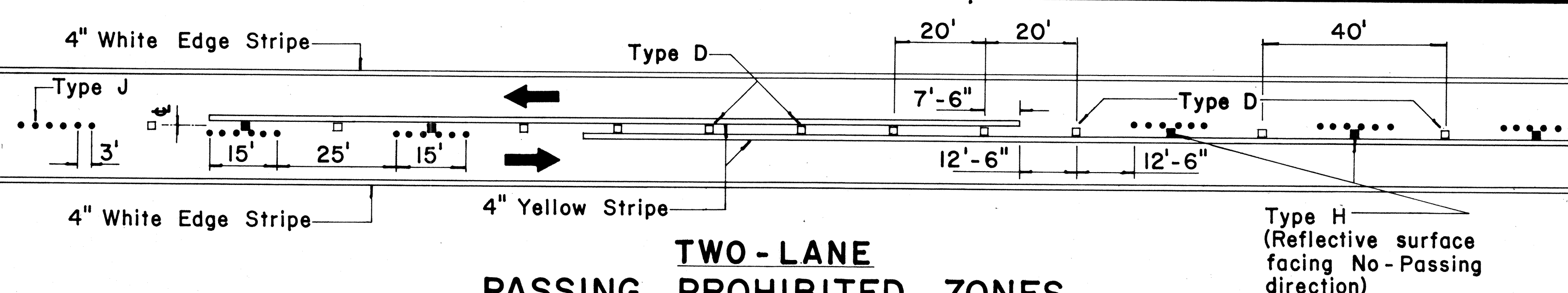
Scale: As Shown Date: Feb. 1975
SHEET NO. 2 OF 3 SHEETS

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

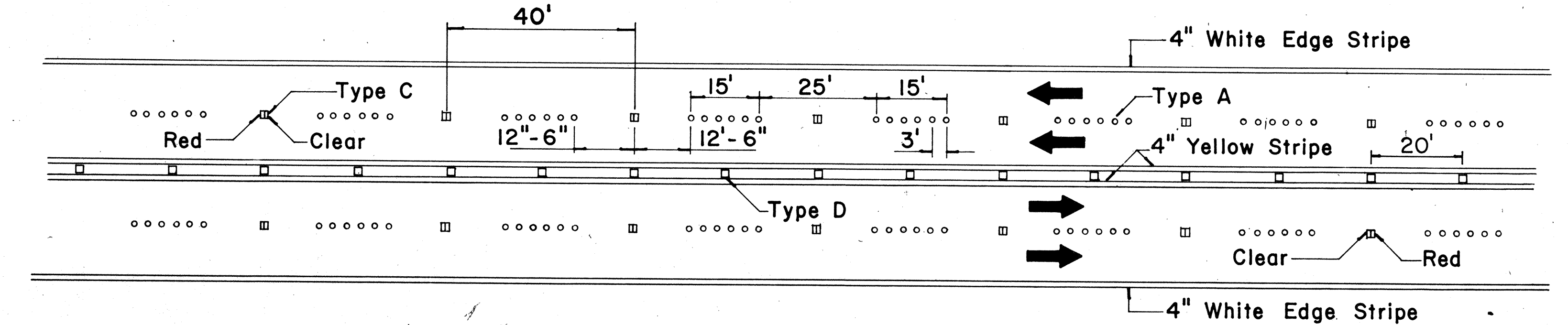
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	78A-01-75M	1975	5	7



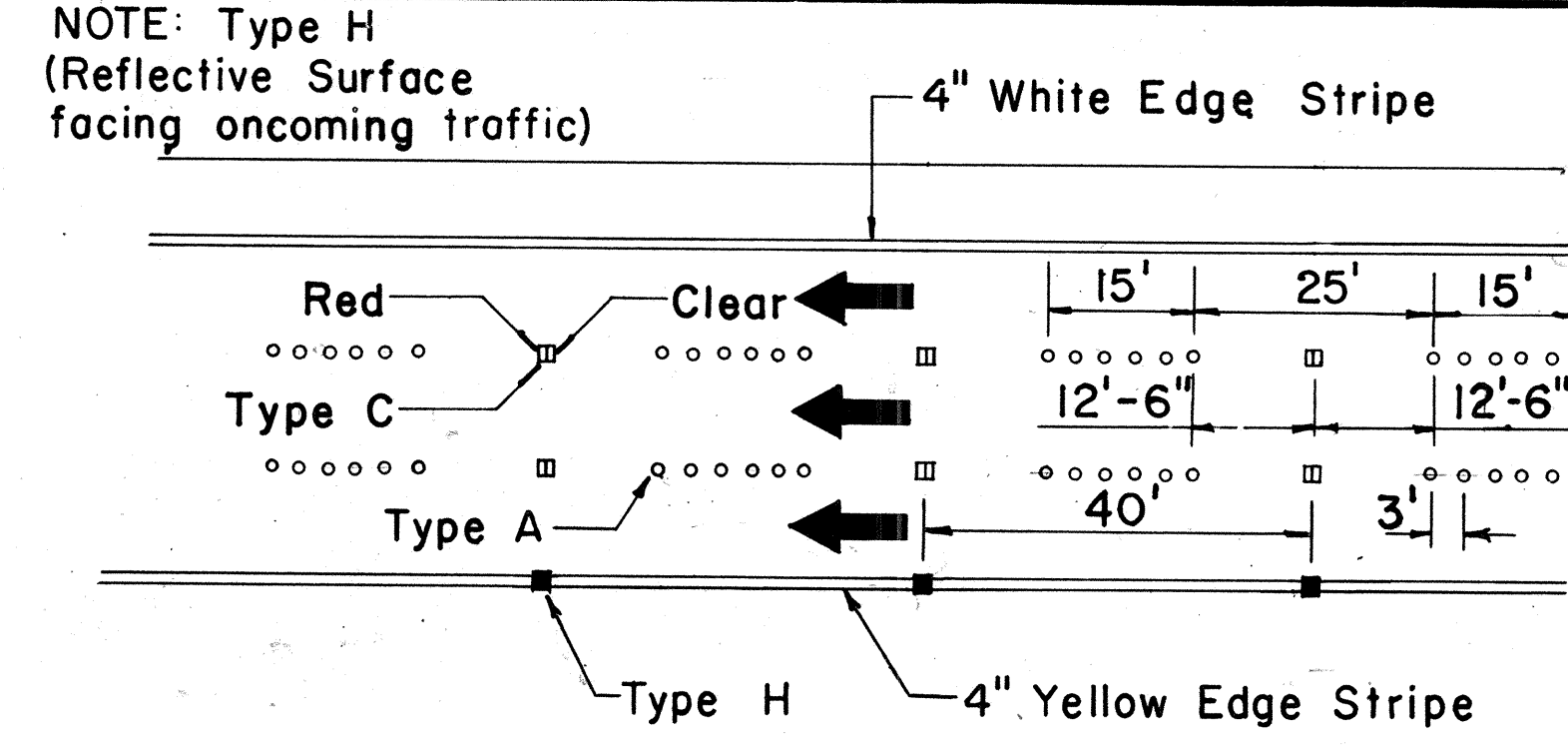
**TWO - LANE
PASSING PERMITTED AND PASSING PROHIBITED**



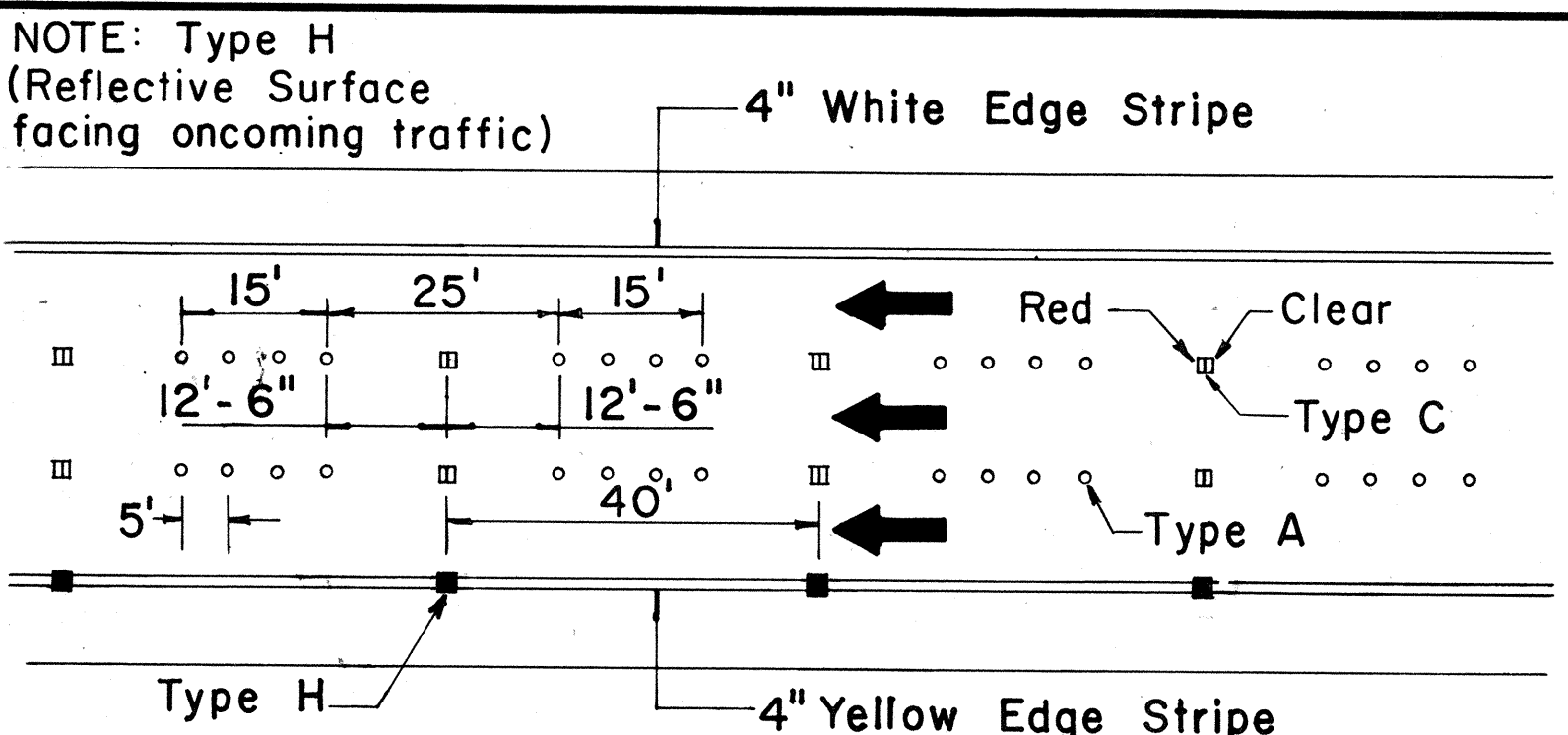
**TWO - LANE
PASSING PROHIBITED ZONES**



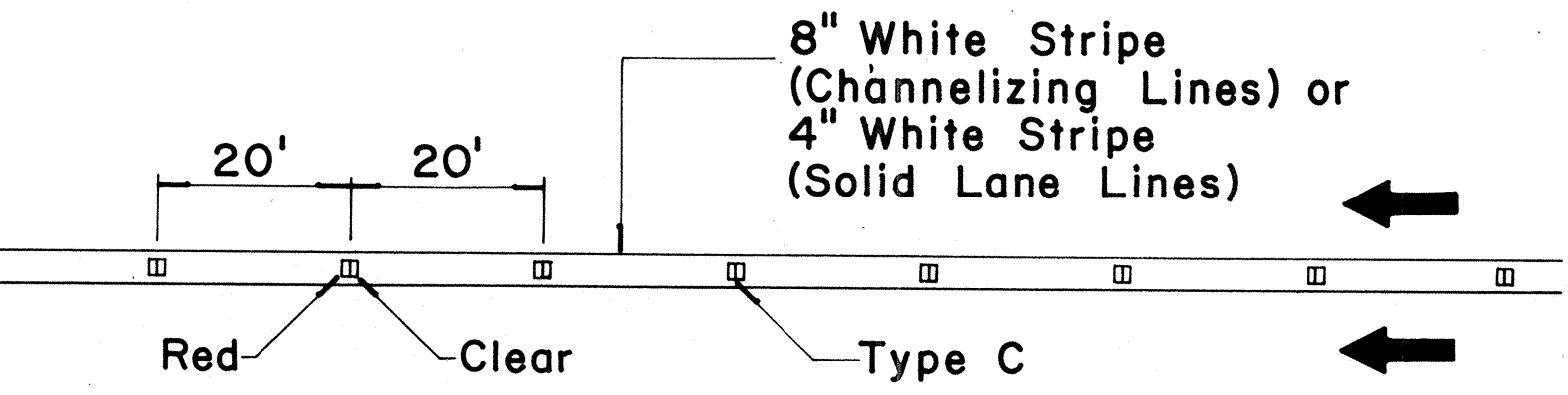
**MULTI - LANE
LANE LINES AND CENTER LINE**



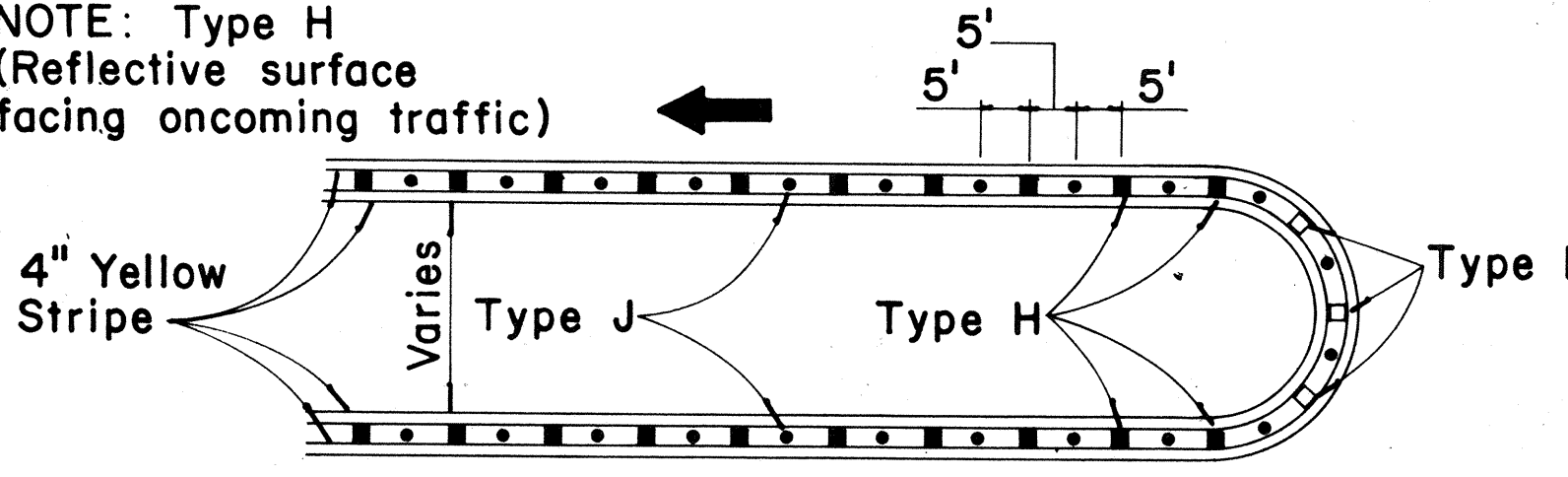
DIVIDED HIGHWAY LANE LINES



FREEWAY LANE LINES



**CHANNELIZING LINES
OR SOLID LANE LINES**



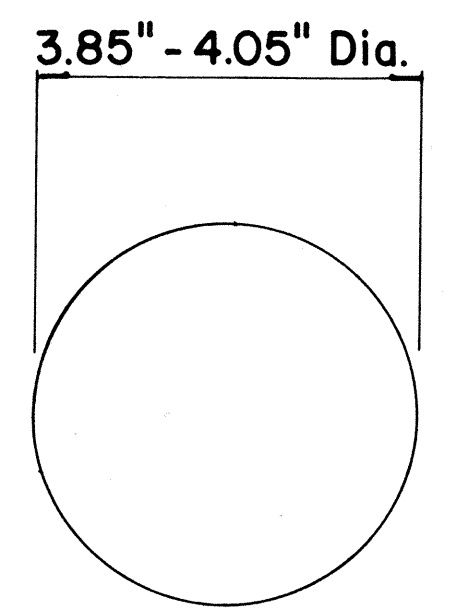
MEDIAN NOSE DELINEATION

TWO - LANE

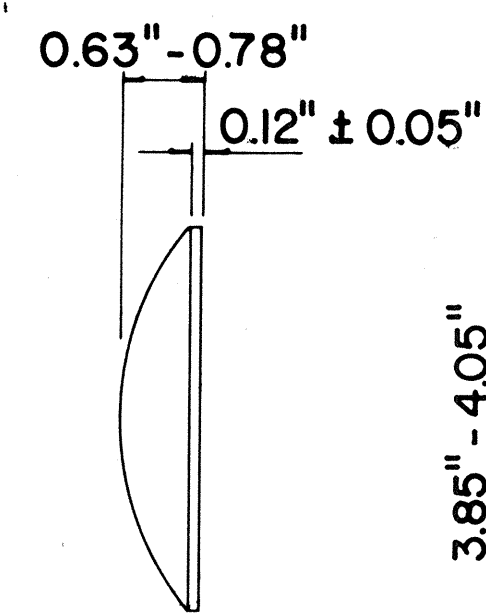
MULTI - LANE

**DIVIDED HIGHWAY
AND
FREEWAY**

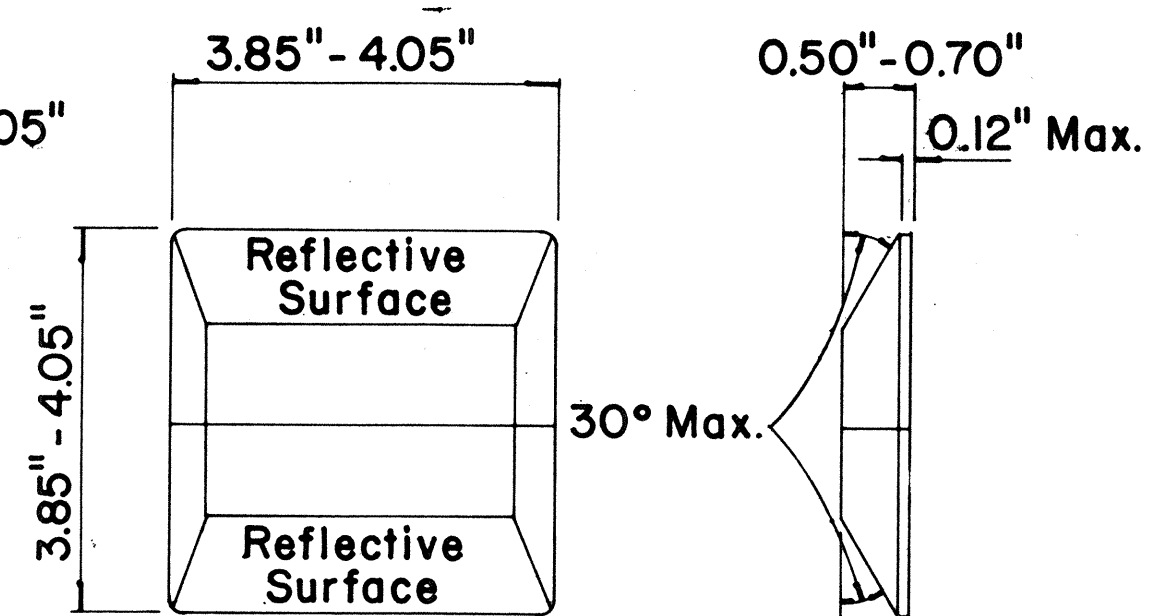
MISCELLANEOUS



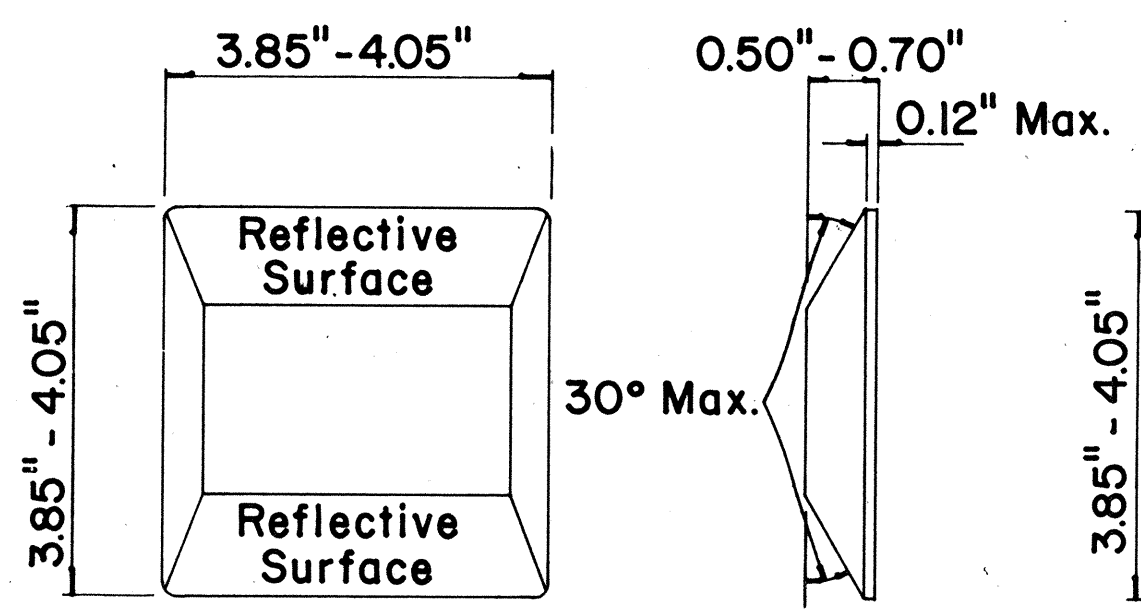
**TYPE A
NON - REFLECTIVE WHITE MARKER**



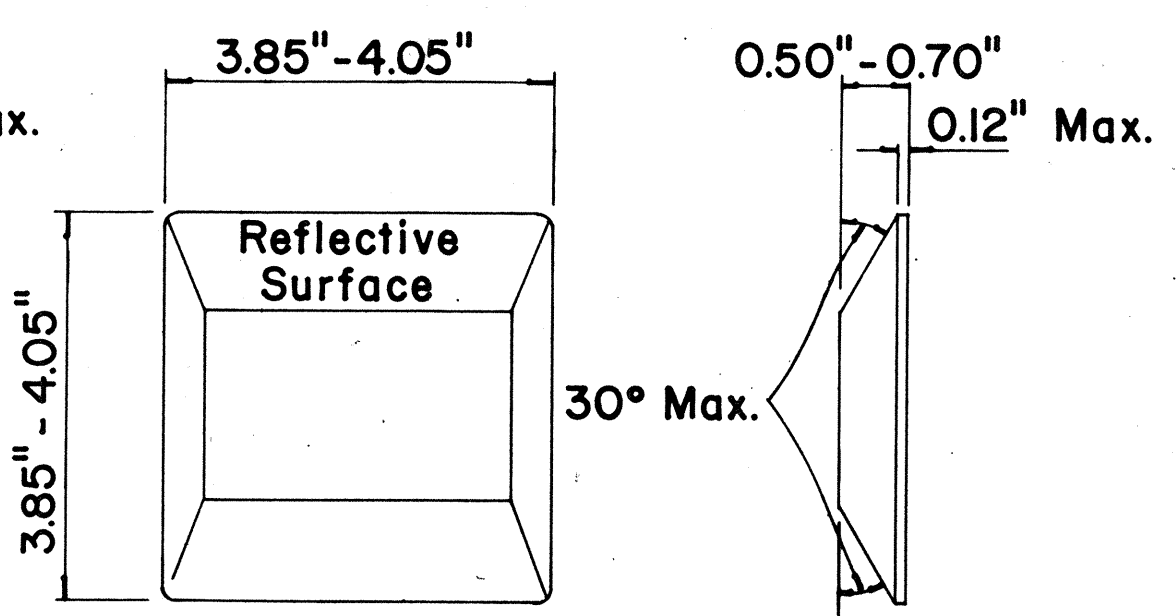
**TYPE J
NON - REFLECTIVE YELLOW MARKER**



**TYPE C
RED - CLEAR REFLECTIVE MARKER**



**TYPE D
TWO - WAY YELLOW REFLECTIVE MARKER**



**TYPE H
ONE - WAY YELLOW REFLECTIVE MARKER**

GENERAL NOTES

1. Painted stripes to be done by Contractor unless otherwise specified.

LEGEND

- Type A
- Type C
- Type D
- Type H
- Type J

APPROVAL RECOMMENDED:
E. Tanaka
TRAFFIC ENGINEER
DATE: 11/18/71

APPROVED:
Hubert S. Sato
ASSISTANT CHIEF, ENGINEERING
DATE: 11/18/71

No.	REVISION	APPROVED BY	DATE
1	Add reflector marker in each line gap.	H.C.	10-21-72
2	Revised General Notes.	H.C.	10-21-72
3	Change 4" white edge stripe to 4" solid yellow edge stripe to left edge of a travel path and Add Type H Reflector Marker	H.C.	5-22-74

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**STANDARD DETAILS
RAISED PAVEMENT MARKERS**

DATE	11/18/71
DESIGNED BY	H.C.
CHECKED BY	H.C.
NOTED BY	H.C.
ORIGINAL PLAN	No.