

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	63A-01-67	1967	2	6

LIKELIKE HIGHWAY INTERCHANGE CURVE DATA

RAMP "K-1"		
1a	1b	1c
Δ = 47°12'24"	Δ = 24°00'00"	Δ = 42°09'00"
R = 500.00	R = 550.00	R = 530.00
T = 218.48	T = 116.91	T = 206.56
Lc = 411.96	Lc = 230.38	Lc = 394.31
RAMP "K-2"		
2a	2b	2c
Δ = 30°23'20"	Δ = 40°00'00"	Δ = 52°26'40"
R = 214.48	R = 137.67	R = 400.00
T = 53.25	T = 81.75	T = 76.71
Lc = 113.75	Lc = 157.14	Lc = 140.46
RAMP "K-3"		
3a	3b	3c
Δ = 30°00'00"	Δ = 41°00'00"	Δ = 36°10'00"
R = 218.14	R = 248.00	R = 143.60
T = 59.45	T = 92.72	T = 46.89
Lc = 114.22	Lc = 177.47	Lc = 90.64
RAMP "K-4"		
4a	4b	4c
Δ = 30°23'00"	Δ = 23°27'00"	Δ = 57°00'00"
R = 166.57	R = 169.51	R = 152.06
T = 49.29	T = 35.19	T = 82.96
Lc = 89.39	Lc = 69.38	Lc = 151.28
RAMP "K-5"		
5a	5b	5c
Δ = 16°00'00"	Δ = 37°00'00"	Δ = 60°00'00"
R = 400.00	R = 175.00	R = 125.00
T = 50.22	T = 59.59	T = 72.17
Lc = 111.70	Lc = 113.01	Lc = 130.90
RAMP "K-6"		
6a	6b	6c
Δ = 15°17'00"	Δ = 27°13'00"	Δ = 13°52'00"
R = 500.00	R = 140.00	R = 550.00
T = 80.50	T = 158.85	T = 20.31
Lc = 160.05	Lc = 237.54	Lc = 172.03

BEG. OF PROJ. NO 63A-01-67
KALIHU ST. STA. 2+25

NOTE:

THE ABOVE LINES ARE TRAVELLED
WAY AND DO NOT INCLUDE CURB
AND PAVEMENT OFFSETS.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

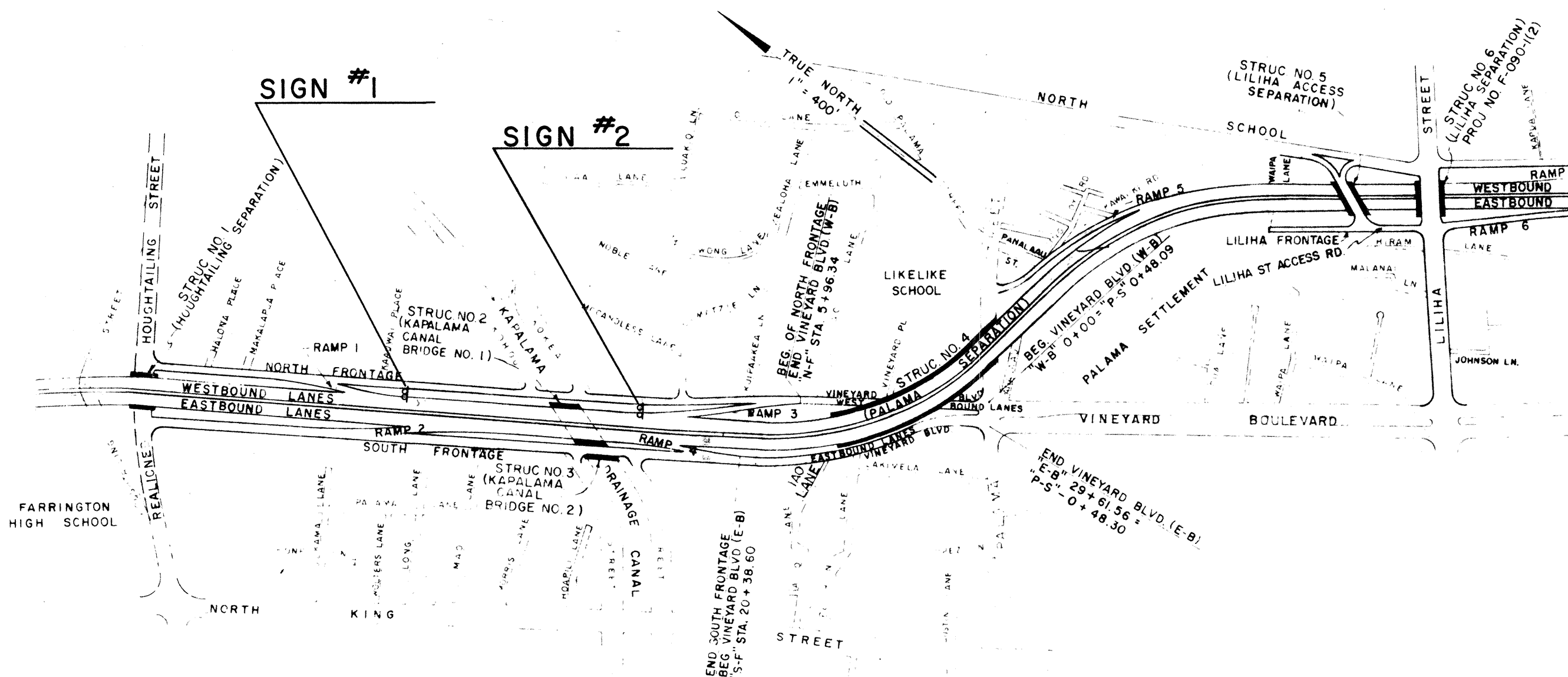
PROJECT NO. 63A-01-67

Feb. 1967

SHEET NO. 1 OF 5 SHEETS

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

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	ALIGNMENT CHECKED		
NO. _____	RT. OF WAY CHECKED		



Technical drawing of three traffic signs with dimensions and a diagram.

Sign 1: DETOUR TO LIKELIKE HWY

- Dimensions: 8'-0" (width), 2'-0" (height).
- Text: DETOUR TO LIKELIKE HWY
- Diagram: A right-angled triangle with a 90° angle at the top, a 60° angle at the bottom right, and a 30° angle at the bottom left. The hypotenuse is labeled "30 7/8".

Sign 2: LIKELIKE HWY RAMP CLOSED USE HOUGHTAILING ST

- Dimensions: 4'-0" (width), 4'-0" (height).
- Text: LIKELIKE HWY RAMP CLOSED USE HOUGHTAILING ST

Sign 3: SIGN 2 Modified Series 'E' Letters

- Dimensions: 7'-0" (width), 4'-0" (height).
- Text: SIGN 2 Modified Series "E" Letters

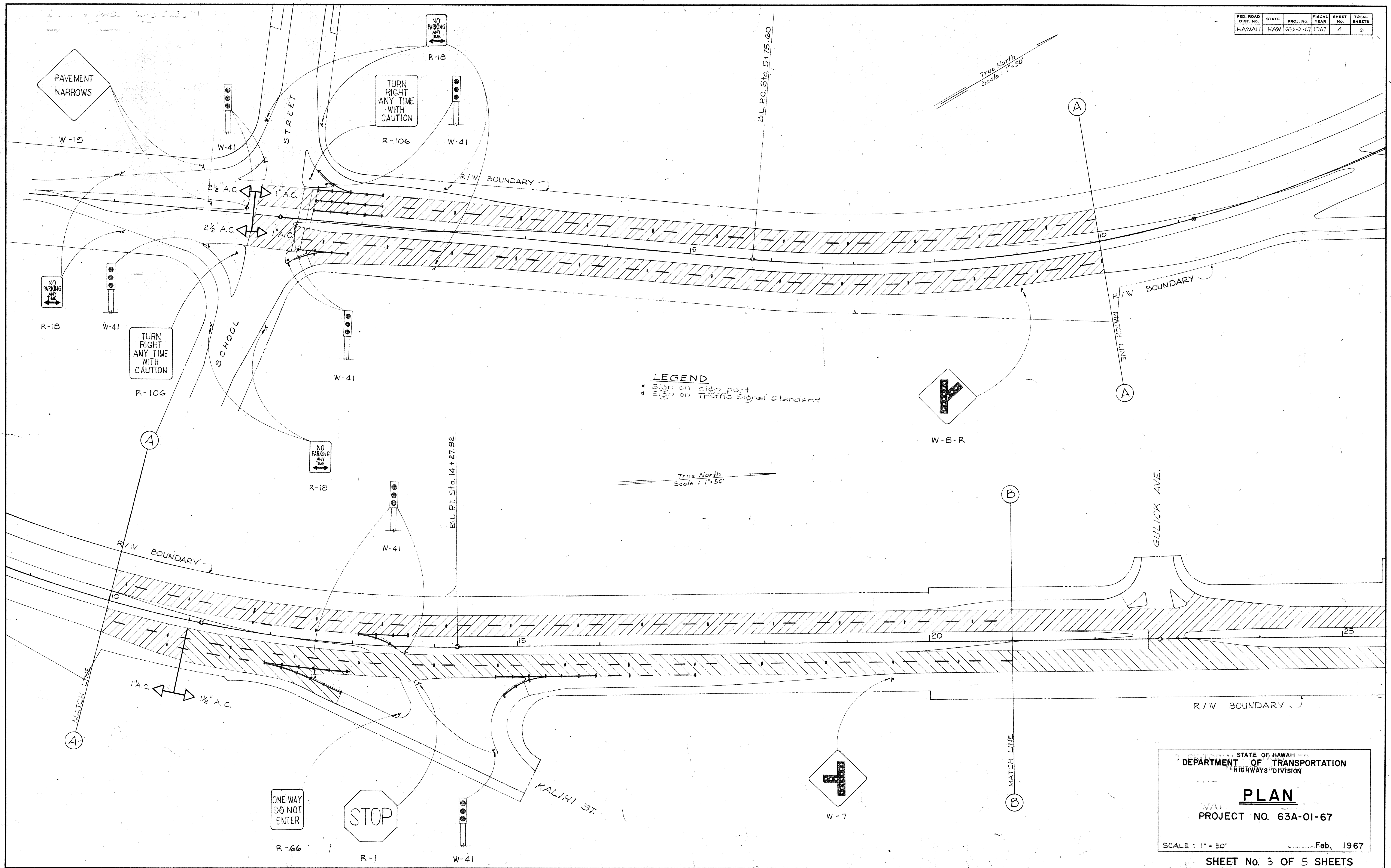
- STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

PROJECT NO. 63A-01-67

Feb. 1967
SHEET No. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	63A-01-67	1967	4	6



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

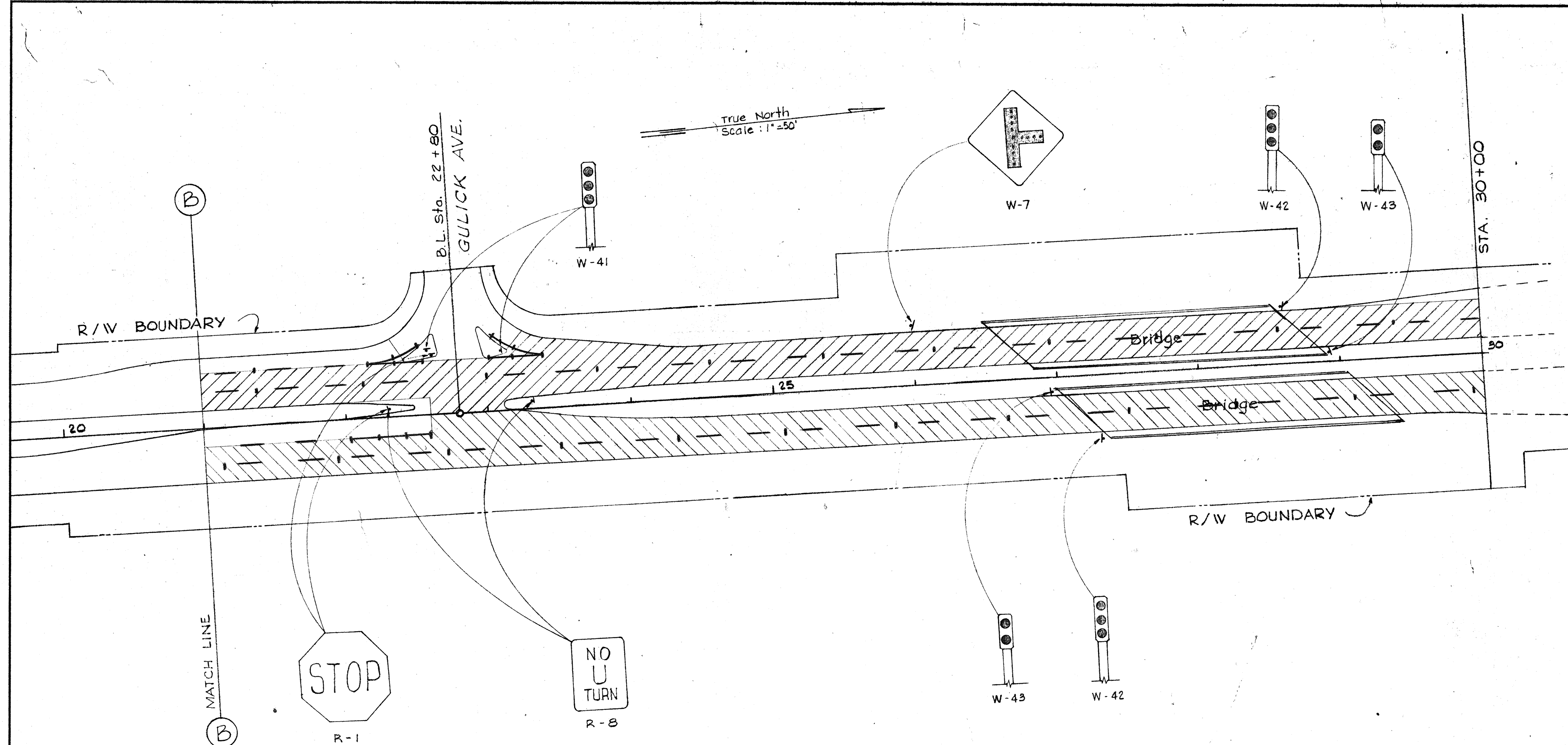
PLAN

PROJECT NO. 63A-01-67

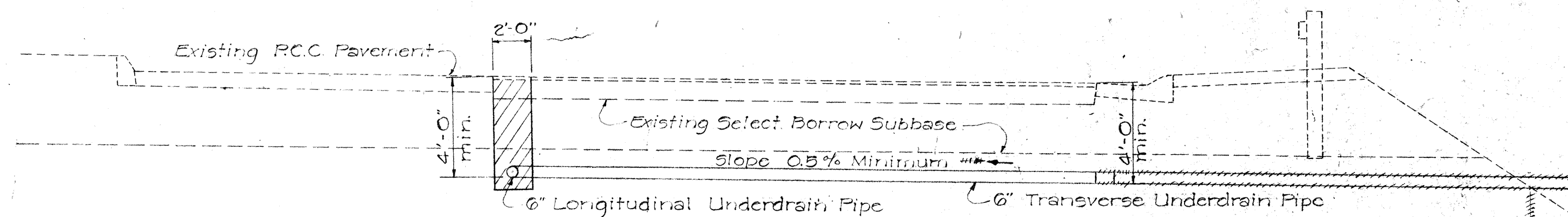
SCALE : 1" = 50' Feb, 1967

SHEET No. 3 OF 5 SHEETS

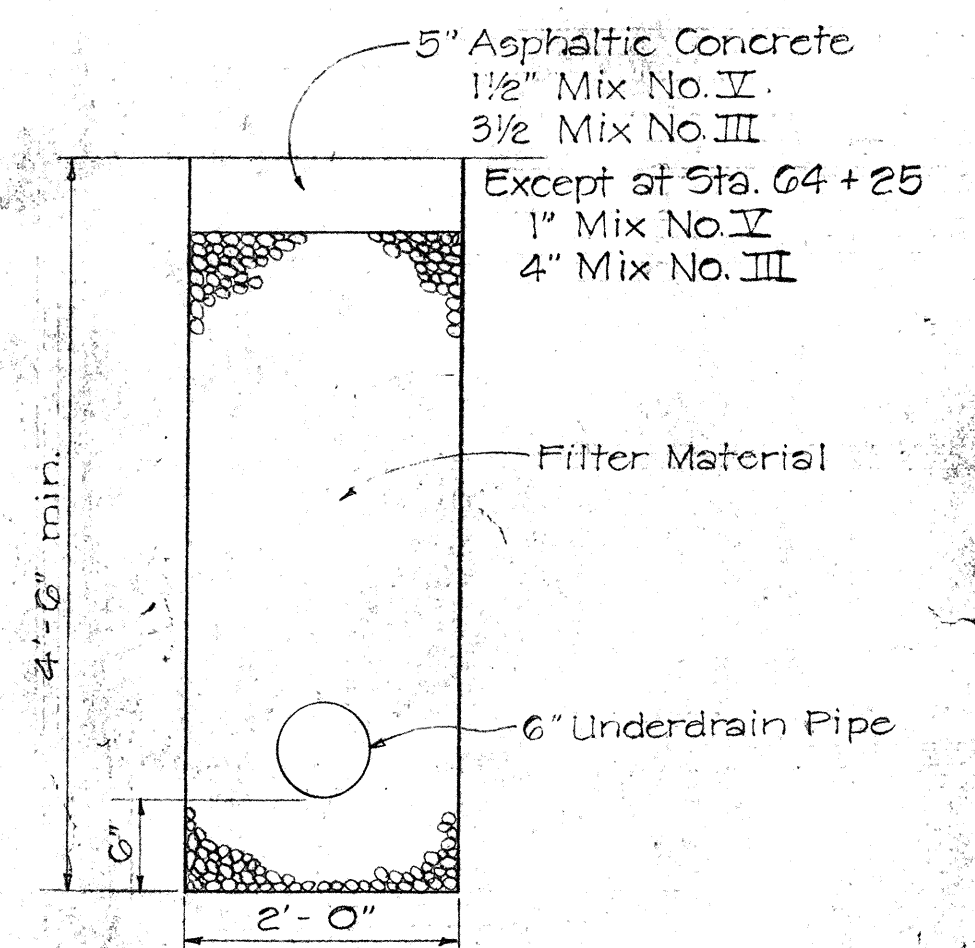
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-01-67	1967	5	6



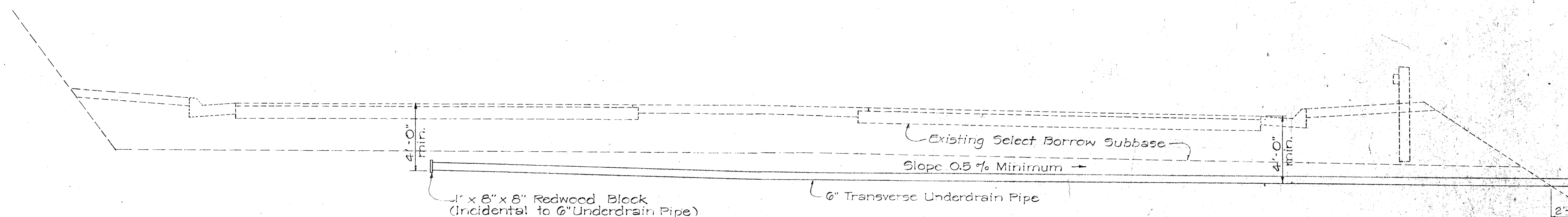
NOTE: Filter Material is not required for 6" Non-Perforated Underdrain Pipe.



NOTE: Hatched area denotes limit of Structure Excavation



UNDERDRAIN DETAIL



TYPICAL SECTIONS FOR 6" UNDERDRAIN PIPES

NOT TO SCALE

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

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PLAN

PROJECT NO. 63A-01-67

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