

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-IR-HI-1(153):19	1978	5	27

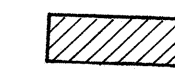
⊕ CURVE DATA

Δ = 49°53'50"
R = 1,400.00
T = 651.30
L_c = 1,219.22

Ramp M-2 Sta 10+75 to 16+70
Remove 600 L.F. of existing Guardrail

Ramp M-2 Sta 10+00 to 16+70
Install 675 L.F. of Guardrail - Type 3
Single with Steel Post
For ramp end anchor detail.
See sheet no. 12

LEGEND

 Reconstructed Area

TRUE NORTH
Scale: 1"=50'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

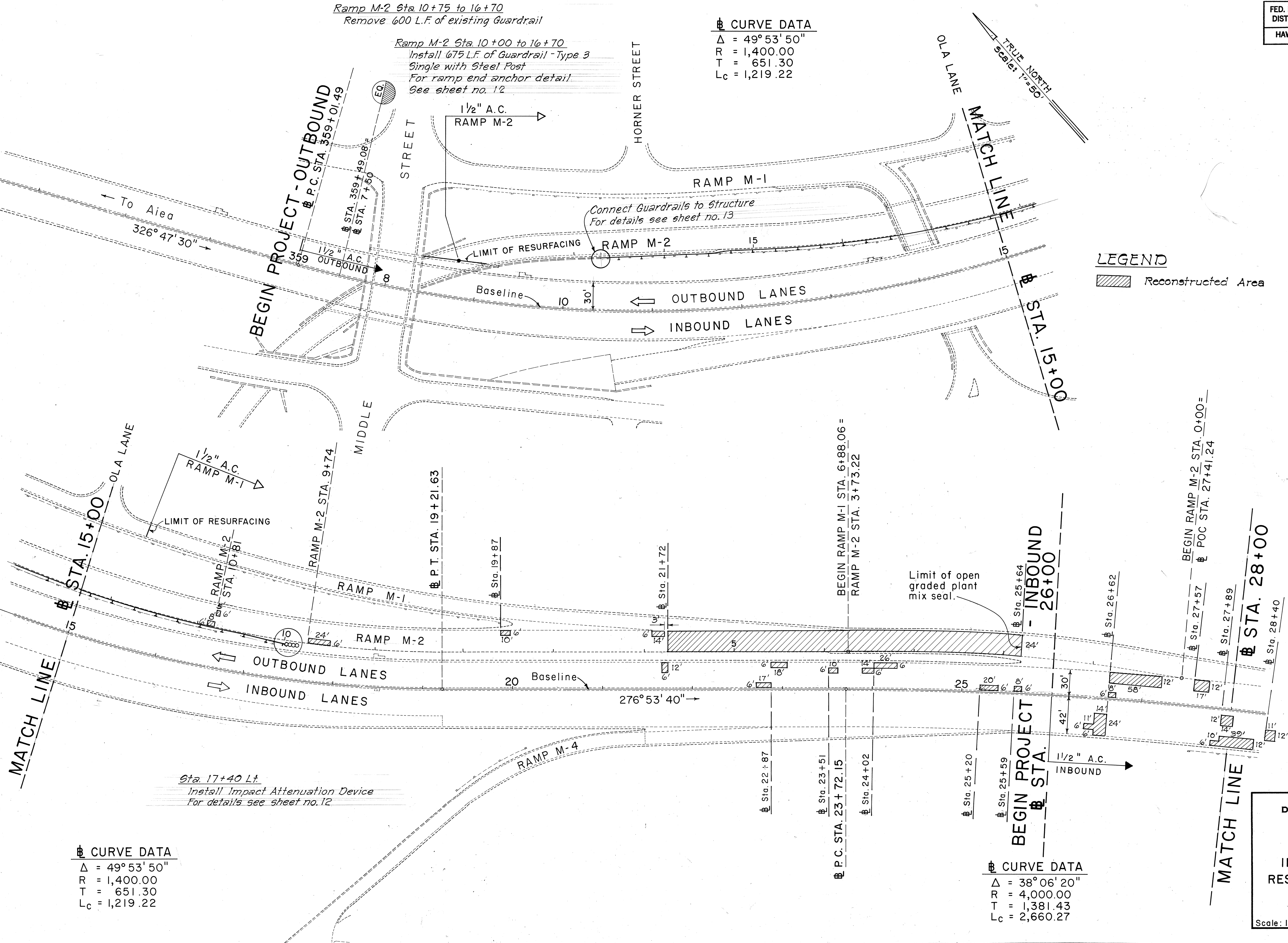
PLAN

INTERSTATE ROUTE H-1
RESURFACING MIDDLE STREET
TO PALI HIGHWAY

PROJ. NO. I-IR-HI-1(153):19

Scale: 1"=50'

SHEET NO. 1 OF 6 SHEETS



⊕ CURVE DATA

Δ = 49°53'50"
R = 1,400.00
T = 651.30
L_c = 1,219.22

⊕ CURVE DATA

Δ = 38°06'20"
R = 4,000.00
T = 1,381.43
L_c = 2,660.27

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
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	QUANTITIES BY	
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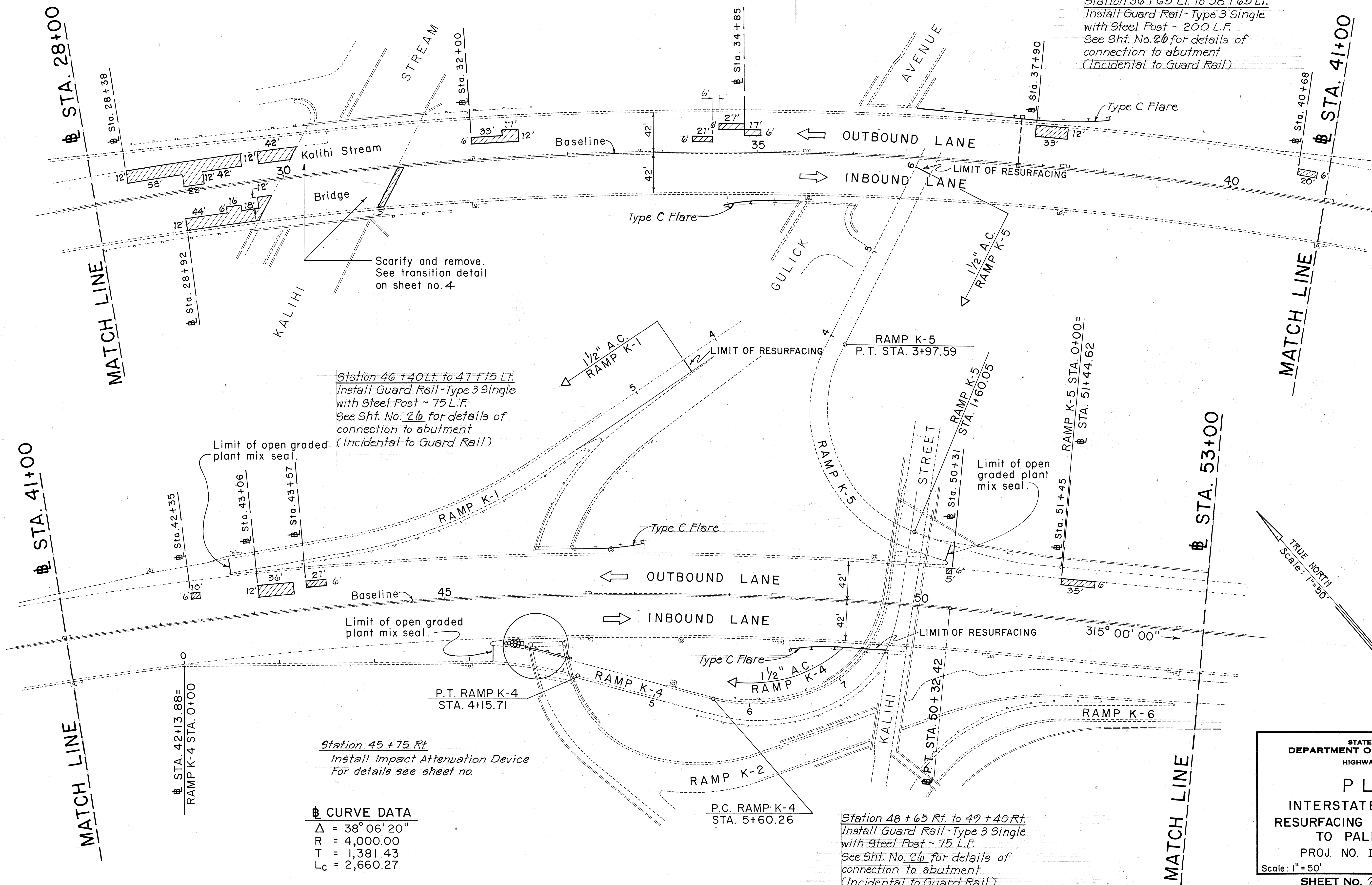
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-IR-HI-1(153):19	1978	6	27

CURVE DATA

$\Delta = 38^{\circ}06'20''$
 $R = 4,000.00$
 $T = 1,381.43$
 $L_c = 2,660.27$

Station 36+65 Lt. to 38+65 Lt.
 Install Guard Rail- Type 3 Single
 with Steel Post ~ 200 L.F.
 See Sht. No. 26 for details of
 connection to abutment
 (Incidental to Guard Rail)

Station 34+75 Rt. to 35+50 Rt.
 Install Guard Rail- Type 3 Single
 with Steel Posts ~ 75 L.F.
 See Sht. No. 26 for details of
 connection to abutment
 (Incidental to Guard Rail)

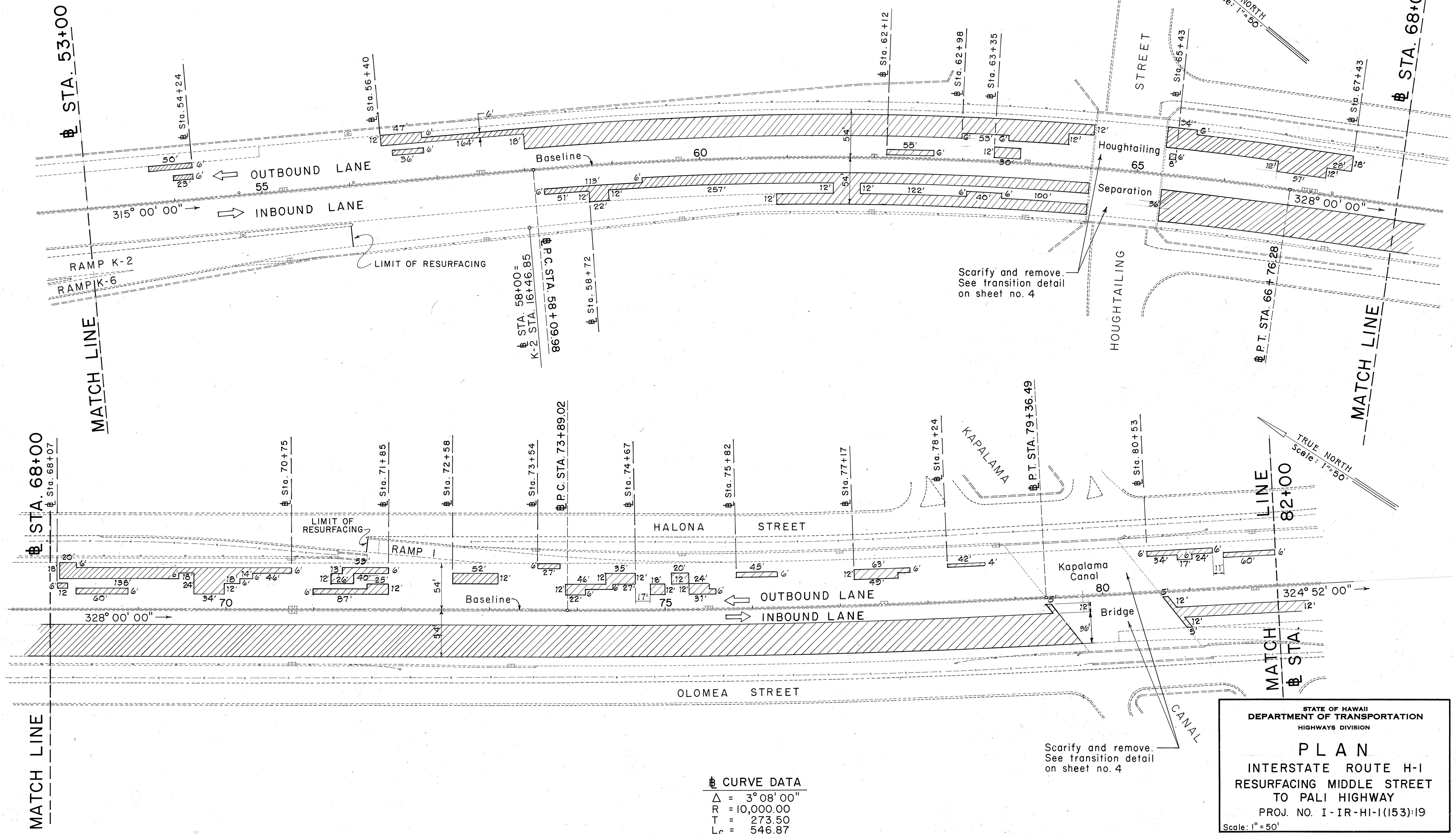


STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PLAN
 INTERSTATE ROUTE H-1
 RESURFACING MIDDLE STREET
 TO PALI HIGHWAY
 PROJ. NO. I-IR-HI-1(153):19
 Scale: 1" = 50'
SHEET No. 2 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-IR-HI-1(153)-19	1978	7	27

⊕ CURVE DATA

$\Delta = 12^{\circ}59'40''$
 $R = 3,819.72$
 $T = 435.01$
 $L_c = 866.30$



⊕ CURVE DATA

$\Delta = 3^{\circ}08'00''$
 $R = 10,000.00$
 $T = 273.50$
 $L_c = 546.87$

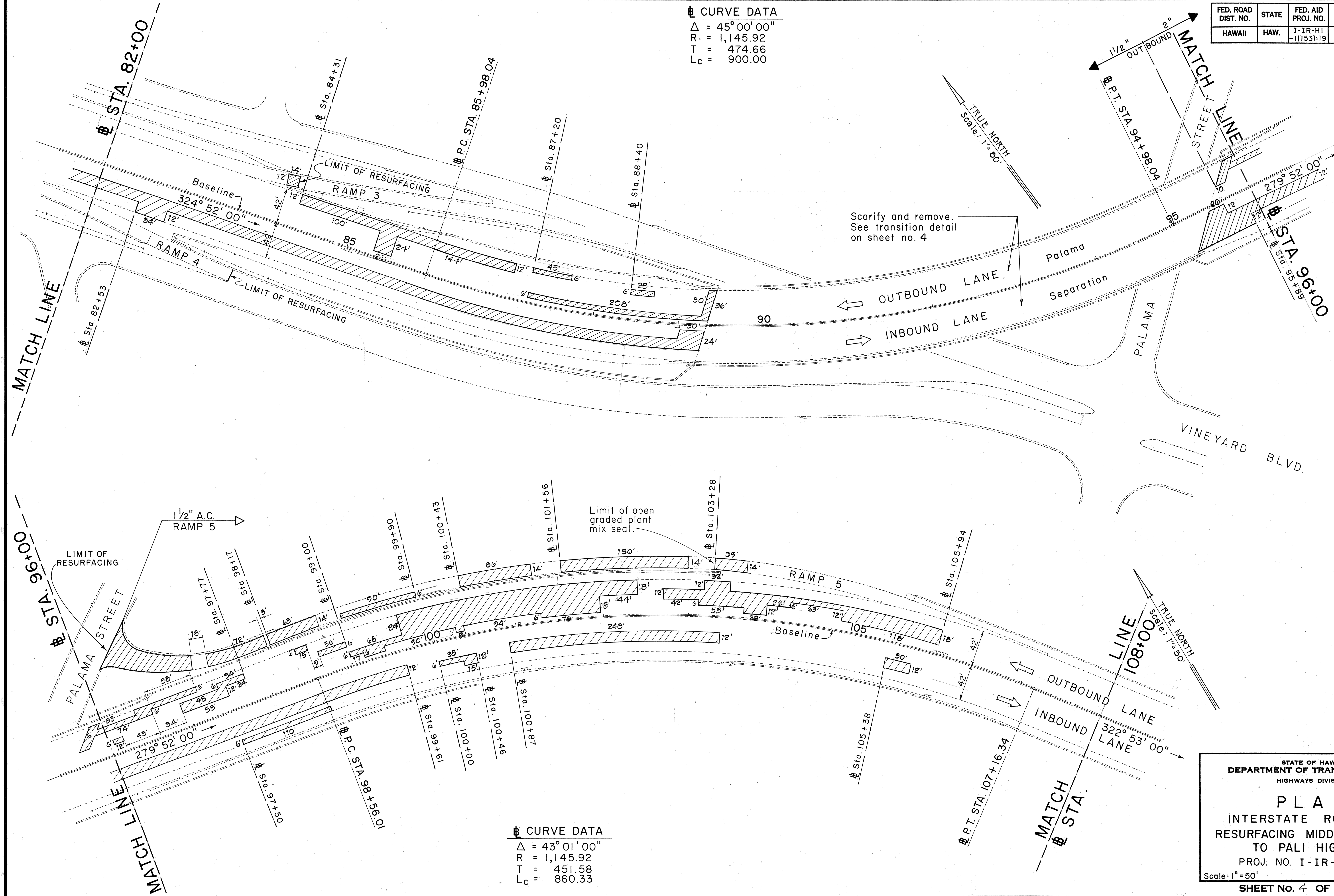
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN
 INTERSTATE ROUTE H-1
 RESURFACING MIDDLE STREET
 TO PALI HIGHWAY
 PROJ. NO. I-IR-HI-1(153)-19
 Scale: 1" = 50'
 SHEET No. 3 OF 6 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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HAWAII	HAW.	I-IR-HI-1(153):19	1978	8	27

CURVE DATA
 $\Delta = 45^{\circ}00'00''$
 $R = 1,145.92$
 $T = 474.66$
 $L_c = 900.00$



CURVE DATA
 $\Delta = 43^{\circ}01'00''$
 $R = 1,145.92$
 $T = 451.58$
 $L_c = 860.33$

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN
 INTERSTATE ROUTE H-1
 RESURFACING MIDDLE STREET
 TO PALI HIGHWAY
 PROJ. NO. I-IR-HI-1(153):19
 Scale: 1"=50'
 SHEET No. 4 OF 6 SHEETS

ORIGINAL PLAN	DATE
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CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-IR-HI-1(153):19	1978	9	27

TRUE NORTH
Scale: 1" = 50'

1 1/2" A.C. RAMP 7

STA. 122+00

LIMIT OF RESURFACING

TRUE NORTH
Scale: 1" = 50'

LINE 137+00

MATCH STA. 137+00

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN
INTERSTATE ROUTE H-1
RESURFACING MIDDLE STREET
TO PALI HIGHWAY
PROJ. NO. I-IR-HI-1(153):19
Scale: 1" = 50'

SHEET NO. 5 OF 6 SHEETS

EQ. = -50.27

STA. 108+00

MATCH LINE

STA. 122+00

MATCH LINE

STA. 122+48

OUTBOUND LANE

INBOUND LANE

Baseline

322° 53' 00"

STREET

SCHOOL STREET

Sta. 116+13

Limit of open graded plant mix seal.

RAMP 7

RAMP 6

LIMIT OF RESURFACING

1 1/2" A.C. RAMP 6

Sta. 111+91

Sta. 112+37

Sta. 114+27

Sta. 116+70

Limit of open graded plant mix seal.

STREAM

1 1/2" A.C. RAMP 8

LIMIT OF RESURFACING

SCHOOL STREET

RAMP 8

OUTBOUND LANE

INBOUND LANE

Baseline

322° 53' 00"

Nuuanu Stream Bridge

NUUANU

Scarify and remove. See transition detail on sheet no. 4

Limit of open graded plant mix seal.

NUUANU

AVE.

Sta. 134+49.73
Sta. 135+00

Sta. 131+56

Sta. 131+85

Sta. 133+66

Sta. 134+39

Sta. 123+17

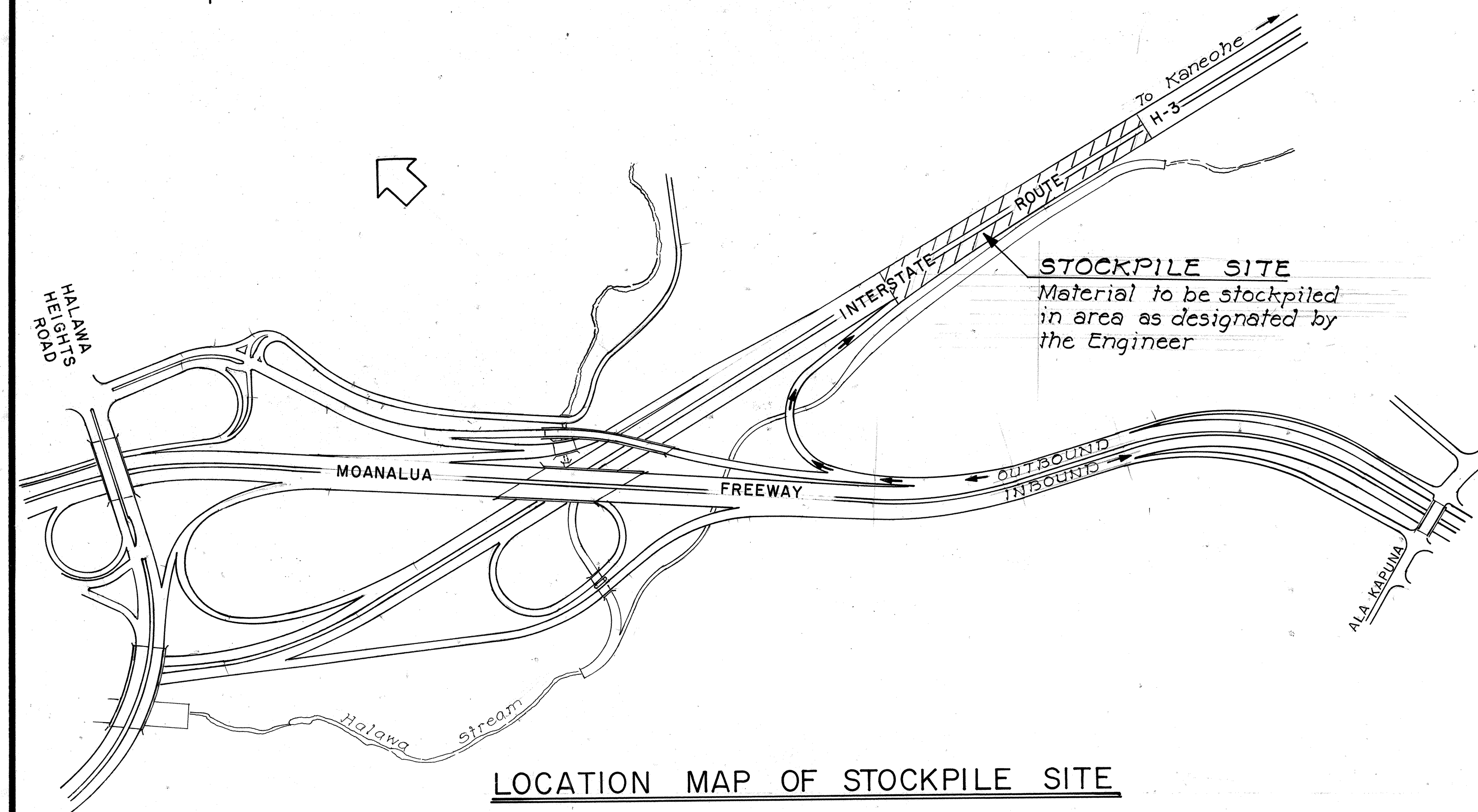
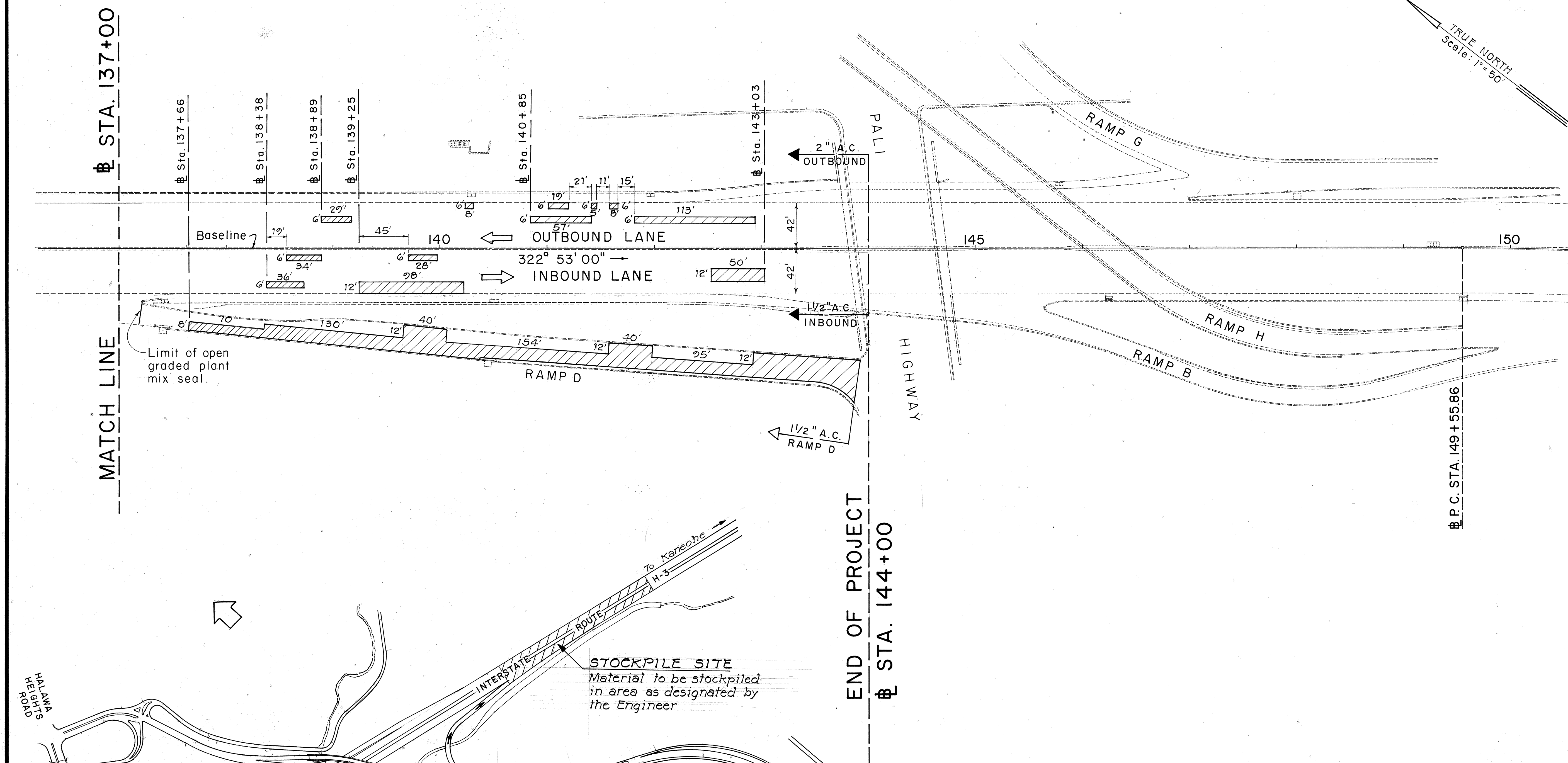
Sta. 124+70

Sta. 125+75

Sta. 129+80

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-IR-HI-1(153):19	1978	10	27



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN
INTERSTATE ROUTE H-1
RESURFACING MIDDLE STREET
TO PALI HIGHWAY
PROJ. NO. I-IR-HI-1(153):19
Scale: 1" = 50'

SHEET No. 10 OF 27 SHEETS

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