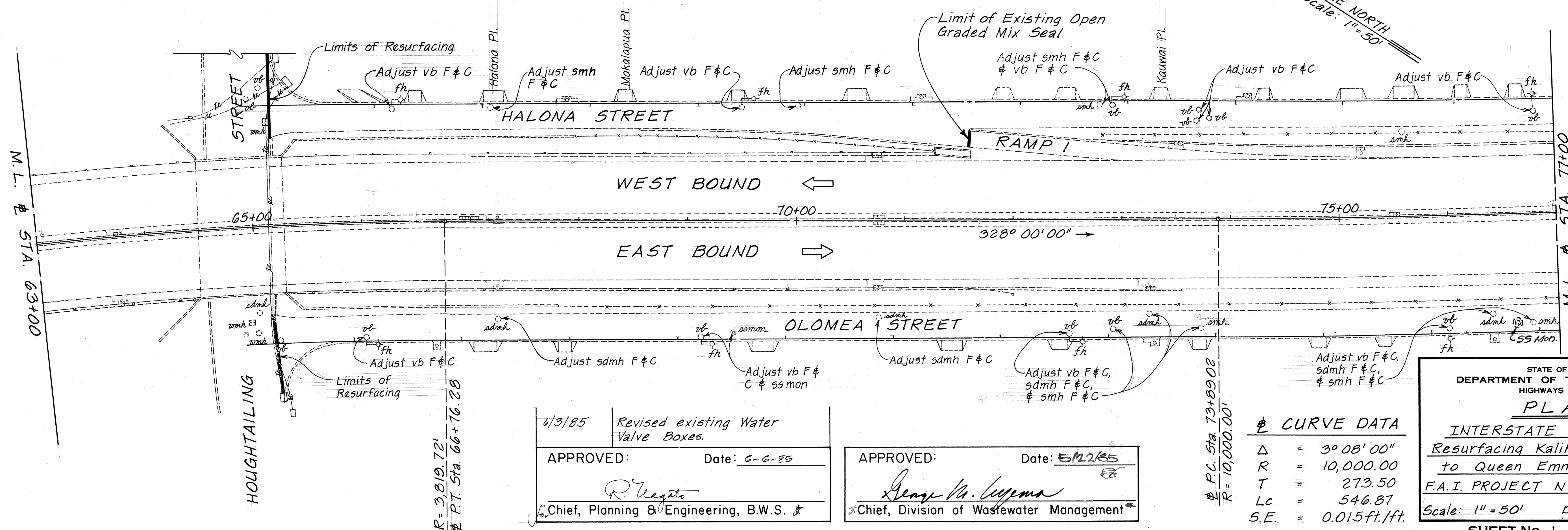


¢ CURVE DATA

Δ	=	12° 59' 40"
R	=	3,819.72
T	=	435.01
Lc	=	866.01
S.E.	=	0.027 ft./ft.



¢ CURVE DATA

Δ	=	3° 08' 00"
R	=	10,000.00
T	=	273.50
Lc	=	546.87
S.E.	=	0.015 ft./ft.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

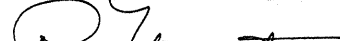
INTERSTATE ROUTE H-1
Resurfacing Kalihi Interchange
to Queen Emma Separation
F.A.I. PROJECT NO. IR-HI-1(198)

Scale: 1" = 50' Date: May, 1985

SHEET No. 1 OF 4 SHEETS

ADD. 6

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

6/3/85	Revised existing Water Valve Boxes.
APPROVED:	Date: 6-6-85
 Chief, Planning & Engineering, B.W.S. &	

APPROVED: _____ Date: 5/22/85
George W. Cuyama
 Chief, Division of Wastewater Management

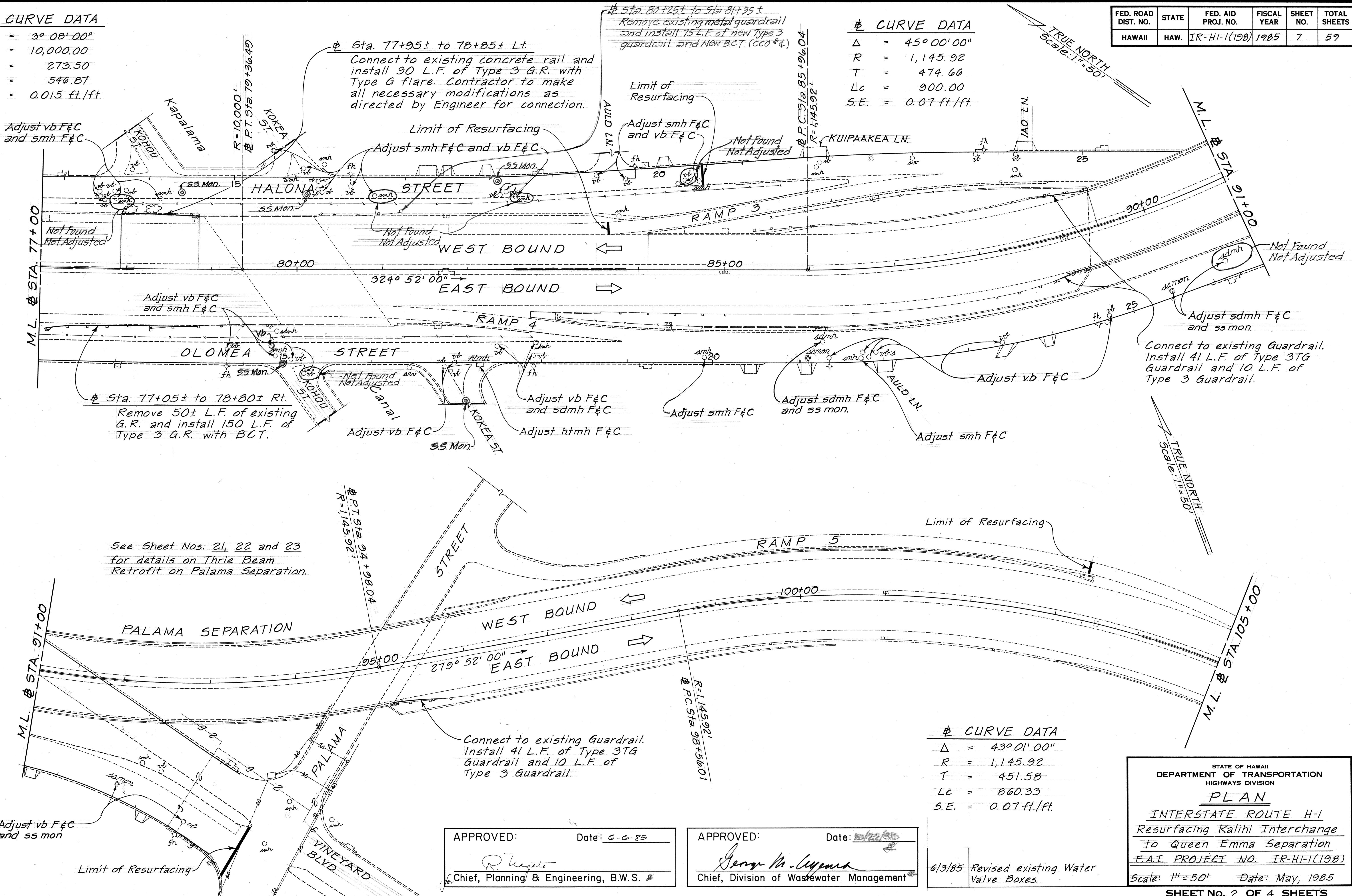
CURVE DATA

Δ = 3° 08' 00"
R = 10,000.00
T = 273.50
Lc = 546.87
S.E. = 0.015 ft./ft.

CURVE DATA

Δ = 45° 00' 00"
R = 1,145.92
T = 474.66
Lc = 900.00
S.E. = 0.07 ft./ft.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(198)	1985	7	59



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

See Sheet Nos. 21, 22 and 23
for details on Thrie Beam
Retrofit on Palama Separation.

CURVE DATA

Δ = 43° 01' 00"
R = 1,145.92
T = 451.58
Lc = 860.33
S.E. = 0.07 ft./ft.

APPROVED: Date: 6-6-85

Chief, Planning & Engineering, B.W.S.

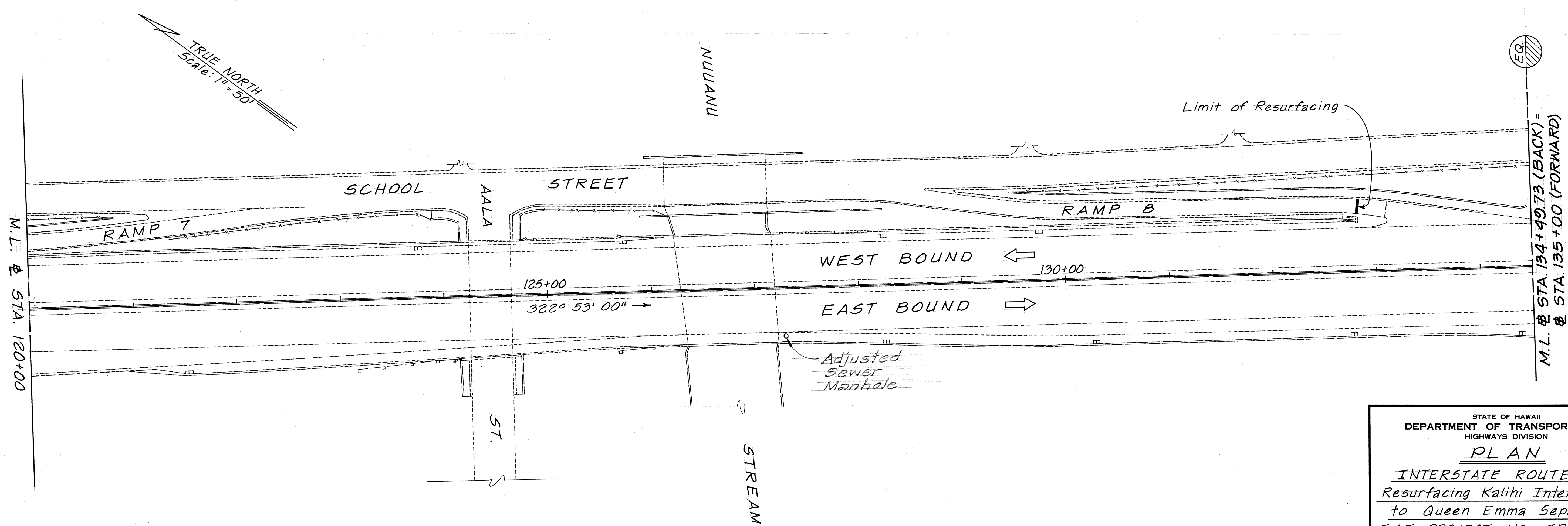
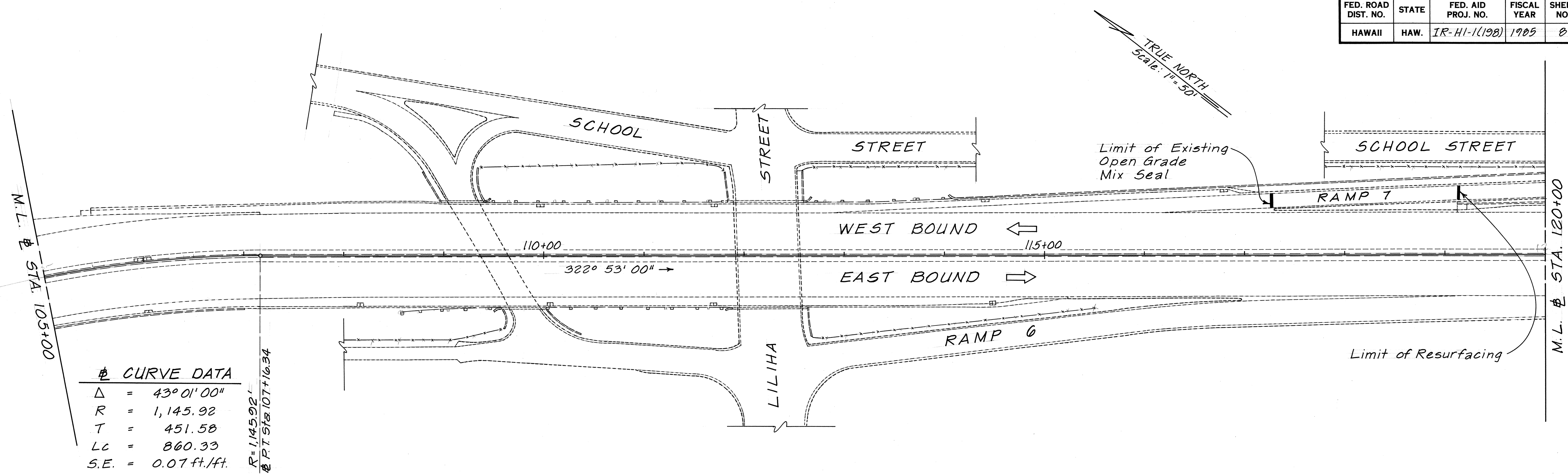
APPROVED: Date: 5/22/85

Chief, Division of Wastewater Management

6/3/85 Revised existing Water Valve Boxes.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLAN
INTERSTATE ROUTE H-1
Resurfacing Kalihi Interchange
to Queen Emma Separation
F.A.I. PROJECT NO. IR-HI-1(198)
Scale: 1"=50' Date: May, 1985
SHEET NO. 2 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(198)	1985	8	59



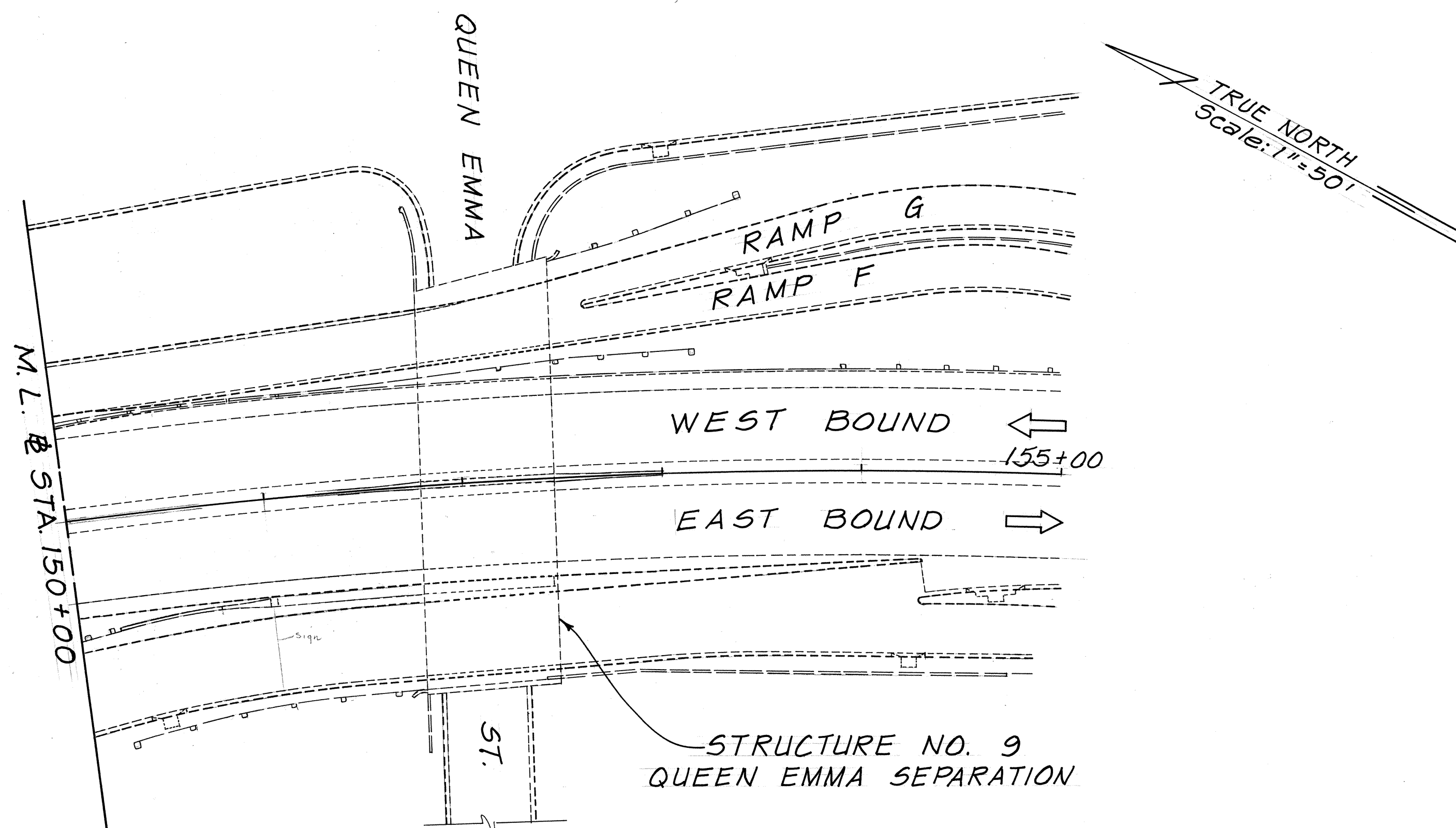
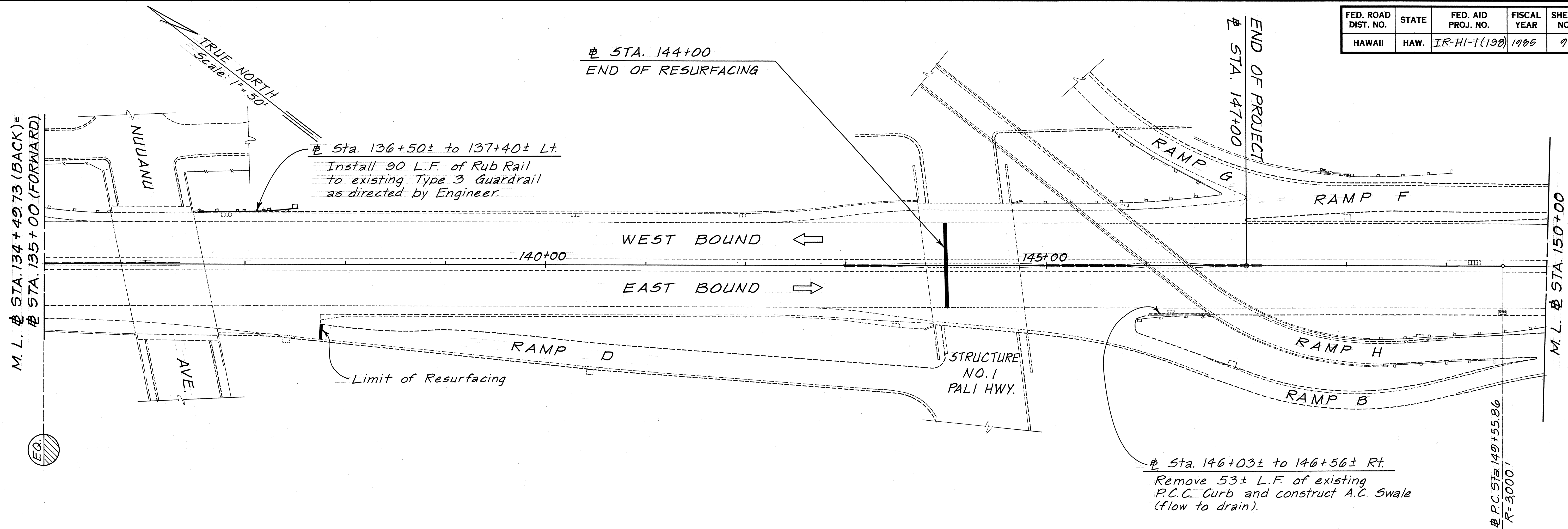
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

INTERSTATE ROUTE H-1
Resurfacing Kalihi Interchange
to Queen Emma Separation
F.A.I. PROJECT NO. IR-HI-1(198)
Scale: 1" = 50' Date: May, 1985
SHEET NO. 3 OF 4 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(198)	1985	9	59



Curve Data

$\Delta = 20^\circ 15' 30''$
 $R = 3,000.00$
 $T = 535.96$
 $LC = 1,060.72$

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

INTERSTATE ROUTE H-1
Resurfacing Kalihi Interchange
to Queen Emma Separation
F.A.I. PROJECT NO. IR-HI-1(198)

Scale: 1"=50' Date: May, 1985

SHEET NO. 4 OF 4 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	