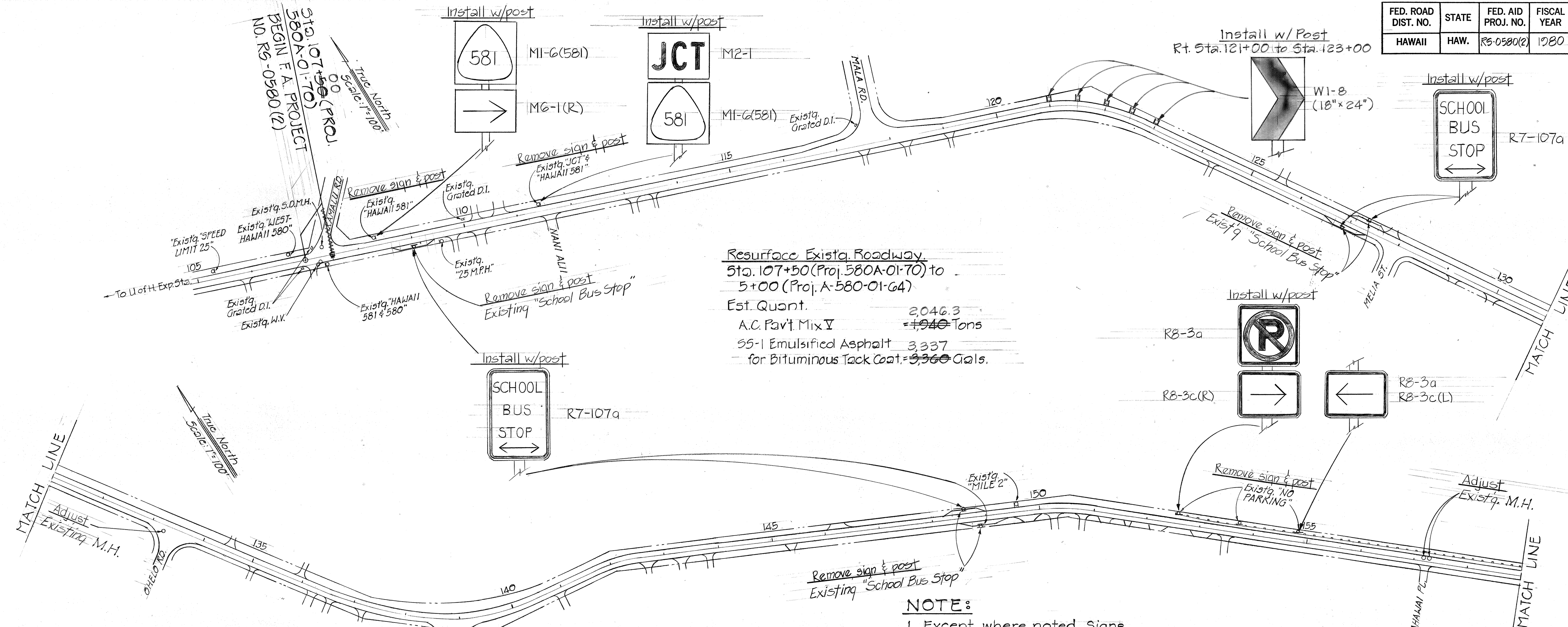


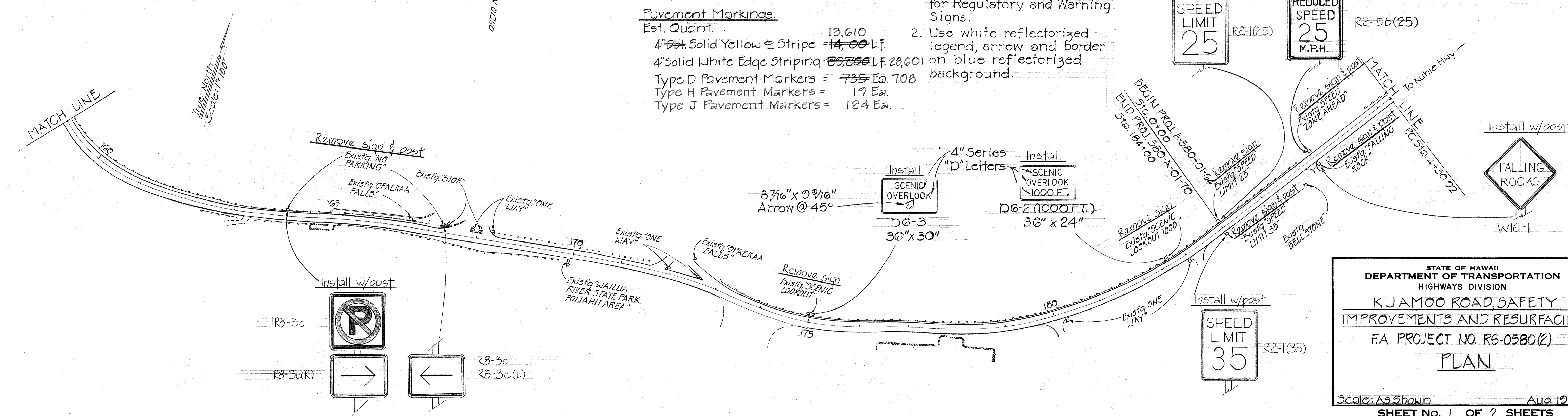
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	R5-0580(2)	1980	3	14



Resurface Existg. Roadway
Sta. 107+50 (Proj. 580A-01-70) to
5+00 (Proj. A-580-01-64)
Est. Quant. 2,046.3
A.C. Pav't Mix V = 940 Tons
55-1 Emulsified Asphalt 3337
for Bituminous Tack Coat = 336 Gals.

Pavement Markings
Est. Quant. 13,610
4" Solid Yellow & Stripe = 14,100 L.F.
4" Solid White Edge Striping = 28,601 L.F.
Type D Pavement Markers = 735 Ea.
Type H Pavement Markers = 17 Ea.
Type J Pavement Markers = 124 Ea.

NOTE:
1. Except where noted, Signs DG-2 and DG-3 shall conform to Plans and Specifications for Regulatory and Warning Signs.
2. Use white reflectorized legend, arrow and border background.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KUAMOO ROAD, SAFETY IMPROVEMENTS AND RESURFACING
F.A. PROJECT NO. R5-0580(2)
PLAN
Scale: As Shown Aug. 1979
SHEET NO. 1 OF 2 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0580(2)	1980	4	14

Exception ~ No Resurfacing

CURVE DATA
 $\Delta = 15^{\circ}12'33"$
 $R = 725.00'$
 $T = 96.79'$
 $C = 191.88'$
 $Lc = 192.44'$

CURVE DATA
 $\Delta = 65^{\circ}23'$
 $R = 410.00'$
 $T = 263.13'$
 $C = 448.90'$
 $Lc = 467.87'$

CURVE DATA
 $\Delta = 36^{\circ}06'$
 $R = 550.00'$
 $T = 179.24'$
 $C = 340.83'$
 $Lc = 346.54'$

CURVE DATA
 $\Delta = 33^{\circ}55'$
 $R = 650.00'$
 $T = 198.81'$
 $C = 379.18'$
 $Lc = 384.77'$

CURVE DATA
 $\Delta = 11^{\circ}54'$
 $R = 800.00'$
 $T = 83.38'$
 $C = 165.86'$
 $Lc = 166.16'$

CURVE DATA
 $\Delta = 60^{\circ}54'$
 $R = 500.00'$
 $T = 203.94'$
 $C = 506.79'$
 $Lc = 531.45'$

CURVE DATA
 $\Delta = 68^{\circ}11'$
 $R = 1150.00'$
 $T = 435.30'$
 $C = 856.16'$
 $Lc = 860.81'$

CURVE DATA
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 $R = 650.00'$
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

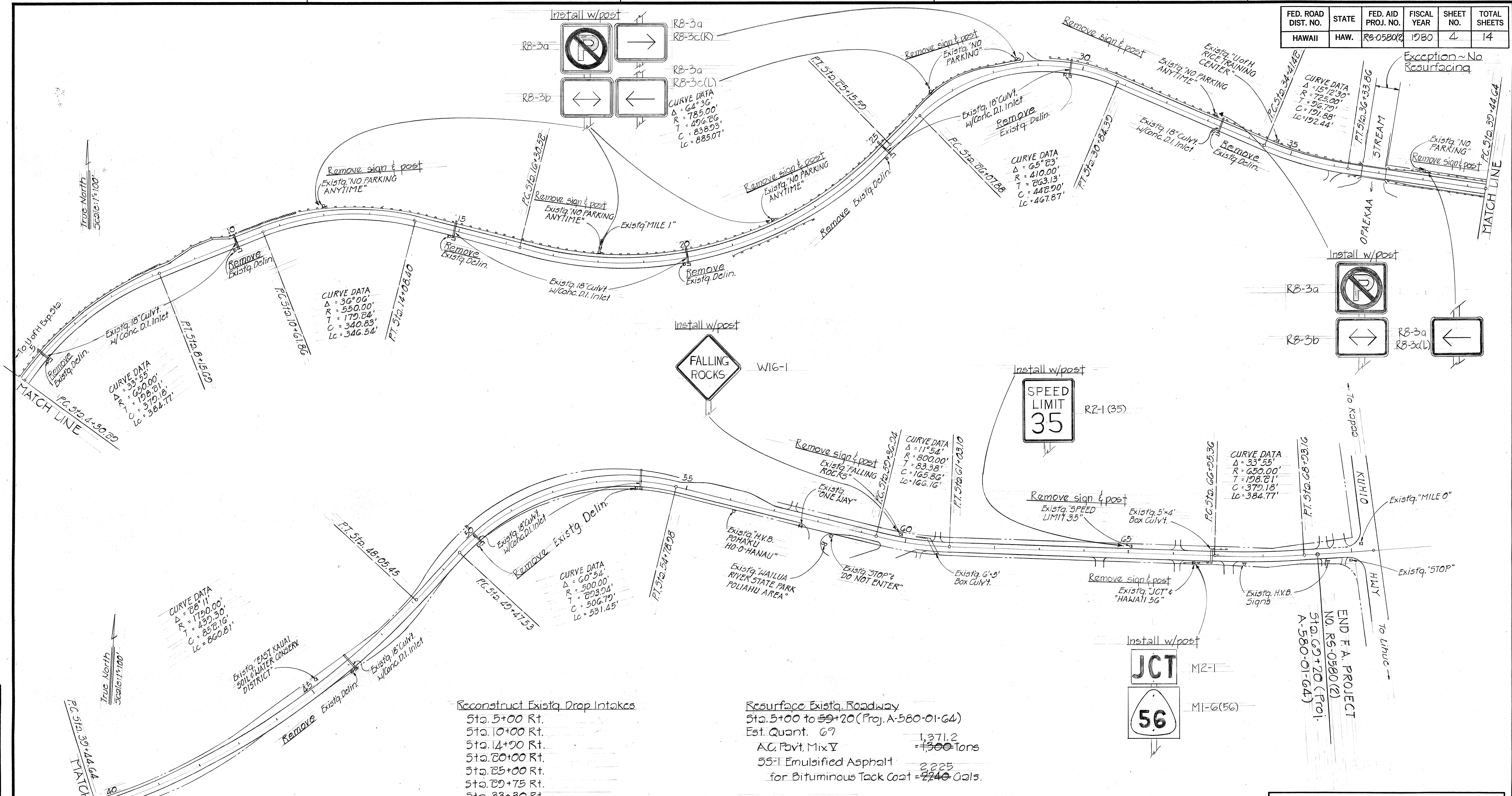
**KUAMOO ROAD SAFETY
IMPROVEMENTS AND RESURFACING**

F.A. PROJECT NO. RS-0580(2)

PLAN

Scale: As Shown Aug. 1979

SHEET NO. 2 OF 2 SHEETS



Reconstruct Existg. Drop Intakes

- Sta. 5+00 Rt.
- Sta. 10+00 Rt.
- Sta. 14+20 Rt.
- Sta. 20+00 Rt.
- Sta. 25+00 Rt.
- Sta. 29+75 Rt.
- Sta. 33+30 Rt.
- Sta. 40+00 Rt.
- Sta. 50+00 Rt.
- Sta. 53+25 Rt.

Est. Quant.

- Class A Conc. for Drainage System = 7 C.Y.
- Reinforcing Steel for Drainage System = 136 Lbs. 104.9
- Type 6133 Steel Frame & Grate = 10 Ea.

Resurface Existg. Roadway

- Sta. 5+00 to 59+20 (Proj. A-580-01-64)
- Est. Quant. 69
- A.C. Pavt. Mix V = 1,371.2
- 55-T Emulsified Asphalt = 1,300 Tons
- for Bituminous Tack Coat = 240 Gals.

C.C.O. No. 2

Revised Centerline Pavement Markings

as follows:

- Sta. 37+80 to Sta. 39+80 Pass-No Pass
- Sta. 39+80 to Sta. 45+40 Passing
- Sta. 45+40 to Sta. 51+00 No Pass-Pass

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