

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-02-72	1975	11	31

Pavement Arrows, Cross Walks and "Stop" Striping shall be located as shown on the Plans or as directed by the Engineer. For Details, see Sheet No. 2

Sta. 31+40 to Sta. 40+00
Install Raised Pavement Markers and Stripe Roadway as shown. For Details and Estimated Quantities, see Sheets Nos. 4 & 10

Widen Approaches as shown (Cross hatched) w/ 2" AC Pavt., 6" Agg. Base Course and 8" Agg. Subbase Course.

Est. Quant.

Sta.	Rdway Exc.	Agg. Subbase	Agg. Base	AC Pavt. Mix V	MC-30
34+40 Lt.	8 CY	4 CY	3 CY	2 Tons	6 Gal.
35+05 Lt.	2 CY	1 CY	1 CY	1 Tons	1 Gal.
37+61 Lt.	1 CY	1 CY	1 CY	1 Tons	1 Gal.

Sta. 33+02 1/2 % 22' Lt. to Sta. 34+27 1/2 % 23' Lt.
Install Guard Rail w/ Posts. Use Flared Ends. For Details, see Sheet Nos. 20 & 21
Est. Quant. 125 L.F.

Sta. 33+81 1/2 % 20' Lt. to Sta. 34+38 1/2 % 25' Lt.
Remove and Salvage existg. Guard Rail.
Est. Quant. 57 L.F.
New Pole to be installed by K.E. Co.

New Met. Guard Rail w/ Type "B" Markers & 12" Yellow Hatched Lines
Double Solid Yellow Striping w/ Type "D" Markers & 12" Yellow Hatched Lines
4" Solid White Striping
Type "A" Markers
Type "C" Markers

4" Solid White Striping
New Conc. Sidewalk
20' Speed Change Lane Taper
Shell Serv. Sign
Lamp
Tel. Booth
Gas Pump

OMIT Relocate existg. "Hawaii 50" State Route Marker at Sta. 33+28 1/2 % 22' Rt. to Sta. 33+80 as shown.

CURVE DATA

Δ	36° 58' 00"
$\%E$	18° 29' 00"
R	1970.00'
T	658.52'
C	1242.02'
Lc	1271.02'

Construct Plain Conc. Sidewalk as shown. Demolish existg. AC Sidewalk where required. For Details, see Sheet No. 3
Est. Quant.
Sta. 33+21 1/2 % 21' Rt. to Sta. 34+50 1/2 % 22' Rt. 50 SY
Sta. 34+22 to Sta. 35+32 1/2 % 22' Rt. 32 SY
Sta. 35+80 to Sta. 37+14 1/2 % 22' Rt. 52 SY

Construct Standard ED Conc. Curbing. For Details, see Sheet No. 13
Est. Quant.
Sta. 33+22 1/2 % 21' Rt. to Sta. 34+42 1/2 % 22' Rt. 127 L.F.
Sta. 34+22 to Sta. 35+32 1/2 % 22' Rt. 40 L.F.
Sta. 35+76 to Sta. 36+27 1/2 % 22' Rt. 121 L.F.

Construct New Pavement Widening as shown (Hatched)

Est. Quant.

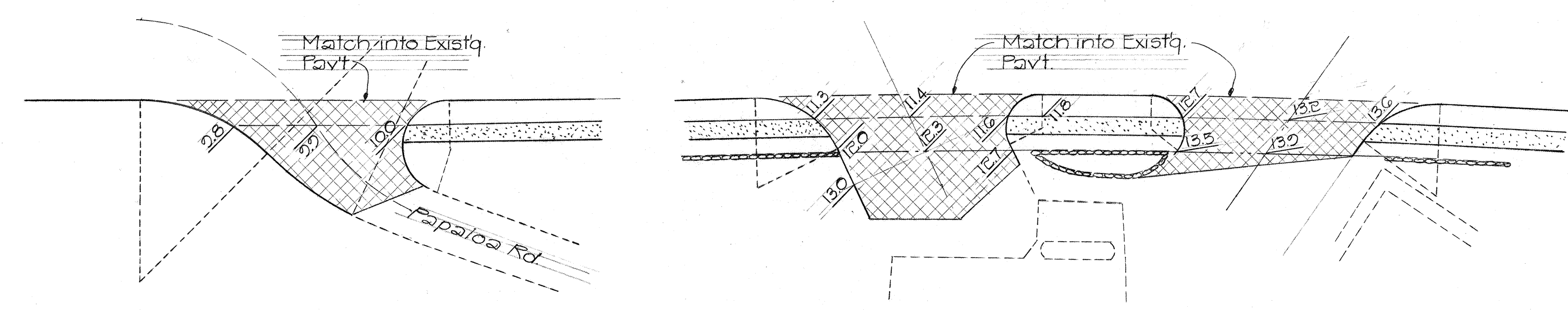
Sta.	Agg. Subbase	Agg. Base	AC Pavt. Mix V	MC-30
32+40 to 34+40 Lt.	30 CY	22 CY	11 Tons	42 Gal.
34+58 to 35+18 Lt.	5 CY	4 CY	2 Tons	8 Gal.
36+29 to 36+27 Rt.	7 CY	5 CY	2 Tons	2 Gal.
37+20 to 37+47 Lt.	1 CY	1 CY	1 Ton	2 Gal.

B.M. = "4" on F.H. Conc. Curb. Elev. = 10.75

Reconstruct & Widen Approaches as shown (Cross Hatched) w/ 2" AC Pavt., 6" Agg. Base Course, 8" Agg. Subbase Course. For Grade Plan see below

Est. Quant.

Sta.	Rdway Exc.	Agg. Subbase	Agg. Base	AC Pavt. Mix V	MC-30
32+20 Rt.	40 CY	18 CY	13 CY	8 Tons	23 Gal.
34+60 Rt.	52 CY	26 CY	20 CY	14 Tons	41 Gal.
35+70 Rt.	40 CY	18 CY	13 CY	2 Tons	27 Gal.



PAPALOA ROAD

SHELL SERVICE STATION

GRADE PLAN
Scale: 1" = 20'

HAILEILIO ROAD

