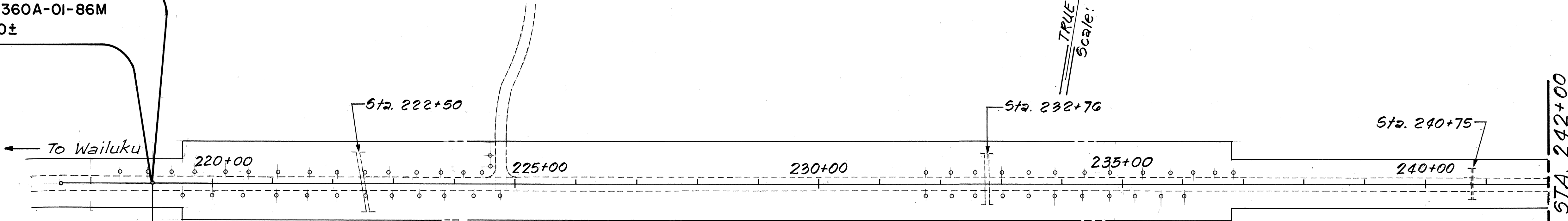


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-86M	1986	3	2

BEGIN PROJECT
PROJECT NO. 360A-01-86M
± STA. 219+00±



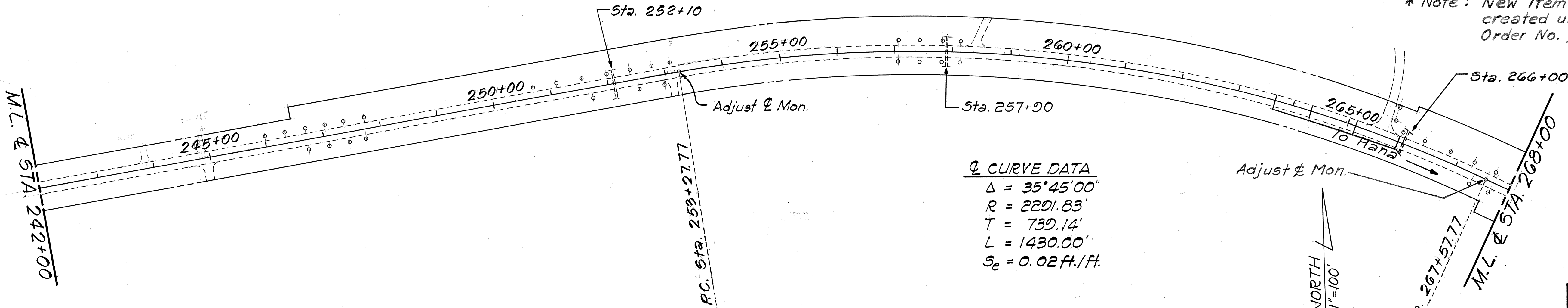
PROJ. NO. S-0360(3)
± STA. 219+00
± STA. 219+00
PROJ. NO. F-32(2)

PAVEMENT STRIPING AND MARKING SCHEDULE											M.L.
EDGE STRIPING				CENTERLINE							
Approximate Station to Station	Pavement Striping		Length (Lin. Ft.)	Approximate Station to Station	Outbound (To Hana)	Inbound (To Walluku)	Pavement Striping	Length (Lin. Ft.)	Type DL Marker (Ea.)	Type J Marker (Ea.)	Type HL * Marker (Ea.)
219+00 - 282+15	4"	4"	6315 x 2 = 12,630	219+00 - 226+75	No Passing	No Passing	Double 4"	775	42 39		
282+15 - 299+26	8"	8"	1711 x 2 = 3,422	226+75 - 236+20	Passing	No Passing	Single 4"	845	20 22	80 88	22
299+26 - 324+55	4"	4"	2620 x 2 = 5,240	236+20 - 237+35	Passing	Passing	—	(215)	6	20 24	
				237+35 - 248+30	No Passing	Passing	Single 4"	1095	28	112	28
	Total		21,292	248+30 - 263+00	No Passing	No Passing	Double 4"	1470	73 74		
				263+00 - 273+00	Passing	No Passing	Single 4"	1000	23 25	92 100	23
				273+00 - 280+55	No Passing	Passing	Single 4"	755	22 19	68 76	17
				280+55 - 309+40 (AHEAD)	No Passing	No Passing	Double 4"	2976	144 149		
				309+40 - 314+50 (AHEAD)	Passing	No Passing	Single 4"	510	15 18	60 52	15
				314+50 - 320+55	No Passing	Passing	Single 4"	605	18 16	52 64	13
				320+55 - 324+55	No Passing	No Passing	Double 4"	400	21 20		
				Total				10,431	412 417	484 516	118

For Pavement Striping and Marking Details
See Plan Sheet Nos. 2 & 2.

For Pavement Striping and Marking Details
See Plan Sheet Nos. 2 & 9.

* Note: New Item for Type "HL" Markers
created under Contract Change
Order No. 2.



Q CURVE DATA
Δ = 35°45'00"
R = 2291.83'
T = 739.14'
L = 1430.00'
S_e = 0.02 ft./ft.

Sta. 263+70± to Sta. 266+00± (C.C.O. #1)
Construct: Transverse and Longitudinal Filter
Fabric Underdrain. For details see Plan
Sheet No. 5. Approx. Quantity - 317 L.F.

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
NO.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

HANA HIGHWAY RESURFACING
Kakipi to Hoolawa
PROJECT NO. 360A-01-86M
Scale: As Shown Date: Mar, 1986
SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-86M	1986	4	9

Q CURVE DATA

$\Delta = 11^\circ 55' 00''$
 $R = 3819.72'$
 $T = 398.66'$
 $L = 794.44'$
 $S.E. = 0.02 \text{ ft./ft.}$

Q CURVE DATA

$\Delta = 45^\circ 00' 00''$ $T_s = 448.61'$
 $\Delta_c = 21^\circ 00' 00''$ $X_c = 298.60'$
 $\Delta_s = 12^\circ 00' 00''$ $Y_c = 20.88'$
 $R = 716.20'$ $L.T. = 200.46'$
 $L_s = 200.00'$ $S.E. = 0.045 \text{ ft./ft.}$

Q CURVE DATA

$\Delta = 45^\circ 00' 00''$ $T_s = 448.61'$
 $\Delta_c = 21^\circ 00' 00''$ $X_c = 298.60'$
 $\Delta_s = 12^\circ 00' 00''$ $L.C. = 20.88'$
 $R = 716.20'$ $L.T. = 200.46'$
 $L_s = 300.00'$ $S.E. = 0.045 \text{ ft./ft.}$

Q CURVE DATA

$\Delta = 23^\circ 44' 00''$ $T_s = 297.57'$
 $\Delta_c = 6^\circ 14' 00''$ $X_c = 249.42'$
 $\Delta_s = 8^\circ 45' 00''$ $Y_c = 12.70'$
 $R = 818.51'$ $L.T. = 166.87'$
 $L_s = 250.00'$ $S.E. = 0.02 \text{ ft./ft.}$

Q CURVE DATA

$\Delta = 19^\circ 38' 40''$
 $R = 2864.79'$
 $T = 495.98'$
 $L = 982.22'$
 $S.E. = 0.02 \text{ ft./ft.}$

Sta. 311+00± to Sta. 316+50±

Construct: Transverse and Longitudinal Filter Fabric Underdrain. For Details see Plan Sheet No. 5.
Approx. Quantity - 688 L.F.

Sta. 315+00± R/L

Relocate Existing Mailboxes minimum 8' offset from E.P. or as directed by the Engineer. Payment for this work shall be considered incidental to the various contract items.

Sta. 289+65± to Sta. 291+76±

Apply Slurry Seal to Bridge Roadway
Approx. Quantity - 565 S.Y.

END PROJECT

PROJECT NO. 360A-01-86M
Q STA. 324+55±

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

HANA HIGHWAY RESURFACING
 Kapi'i to Hoolawa
 PROJECT NO. 360A-01-86M
 Scale: As Shown Date: Mar., 1986
 SHEET NO. 2 OF 2 SHEETS