

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0900 (24)	1986	16	28

KALAE HIGHWAY PROJECT No. WPH 19-B ONLY

SIGNING, STRIPING AND MARKER NOTES

1. Location of all new striping, signs and markers shall be staked out by the Contractor for approval by the Engineer prior to their installation.
2. Reflector Markers and Object Markers shall be installed immediately after the Guardrails are installed.
3. Removal of existing signs and reflector markers including posts and foundations shall not be paid for separately but shall be considered incidental to the various guardrail items.
4. All existing signs within the project limits shall remain unless otherwise noted on the plans or directed by the Engineer.
5. RM-1 reflector markers shall be installed behind the new guardrail and mounted a minimum of 4'-0" above the projected roadway as shown on Sht. # DT 110
6. Type II Object Markers shall be installed at approach and trailing ends of guardrail sections and mounted a minimum of 4'-0" above the projected roadway as shown on Sht. DT III. At earth mound end treatments, Type II Object Markers shall be installed at the longitudinal tip of the mound.

PAVEMENT MARKER AND STRIPING SUMMARY

APPROXIMATE LIMITS STA. TO STA.	CONDITION	STRIPING (L.F.)		PAV'T. MARKERS (EA.)		
		WHITE	YELLOW	TYPE 'D'	TYPE 'H'	TYPE 'J'
0+00 to 5+00	No Passing	1,000	500	26	-	-
5+00 to 14+60	Passing	1,920	-	24	-	92
14+60 to 19+80	One-Way Passing, Lt.	1,040	520	13	13	52
19+80 to 25+00	No Passing	1,040	520	27	-	-
25+00 to 30+60	One-Way Passing, Rt.	1,120	560	14	14	56
30+60 to 75+80	Passing	9,040	-	113	-	448
75+80 to 81+40	One-Way Passing, Lt.	1,120	560	14	14	56
81+40 to 85+70	No Passing	860	430	22	-	-
85+70 to 85+90	Kaluakoi Rd. Inter.	20	-	-	-	-
85+90 to 86+20	No Passing	60	30	2	-	-
86+20 to 88+60	One-Way Passing	480	240	6	6	24
88+60 to 120+20	Passing	6,320	-	79	-	312
120+20 to 123+40	One-Way Passing, Lt.	640	320	8	8	32
123+40 to 131+00	No Passing	1,520	760	39	-	-
131+00 to 135+40	One Way Passing, Rt.	880	440	11	11	44
135+40 to 161+00	Passing	5,120	-	64	-	252
161+00 to 167+40	One Way Passing, Lt.	1,280	640	16	16	64
167+40 to 169+60	No Passing	440	220	12	-	-
169+60 to 174+80	One-Way Passing, Rt.	1,040	520	13	13	52
174+80 to 180+00	Passing	1,040	-	13	-	48
180+00 to 184+80	One-Way Passing, Lt.	960	480	12	12	48
184+80 to 200+80	No Passing	3,200	1,600	81	-	-
200+80 to 205+20	One-Way Passing, Rt.	880	440	11	11	44
205+20 to 220+40	Passing	3,040	-	38	-	148
220+40 to 225+20	One-Way Passing, Lt.	960	480	12	12	48
225+20 to 230+00	No Passing	960	480	25	-	-
SUB - TOTAL		45,980	9,740	695	130	1,820

RM-1 REFLECTOR AND TYPE II OBJECT MARKERS SUMMARY

BEGIN STATION	END STATION	O/S	SPACING	TYPE II EACH	RM-1 EACH
3+30				1	
4+65				1	
34+00				1	
35+50	40+90	Lt. & Rt.	180' o.c.		8
39+10				2	
40+05				1	
42+70					2
44+10	48+30	Lt. & Rt.	70' o.c.		14
47+00				1	
48+75				1	
49+70					2
50+50				1	
51+80					2
52+50				1	
52+90					1
53+20				1	
54+30	59+90	Lt. & Rt.	70' o.c.		18
55+85				1	
56+85				1	
PROPOSAL TOTAL				13	47

APPROXIMATE LIMITS STA. TO STA.	CONDITION	WHITE	YELLOW	TYPE 'D'	TYPE 'H'	TYPE 'J'
0+00 to 0+35	No Passing	70	35	3	-	-
0+35 to 0+55	Farrington Ave	20	-	-	-	-
0+55 to 5+00	No Passing	890	445	23	-	-
5+00 to 48+20	Passing	8,640	-	108	-	428
48+20 to 52+60	One-Way Passing, Lt.	880	440	11	11	44
52+60 to 53+00	Kipu Rd. Inters.	40	-	-	-	-
53+00 to 60+50	No Passing	1,500	750	38	-	-
SUB - TOTAL		12,040	1,670	182	11	472

PROPOSAL TOTAL	58,020	11,410	878	141	2,292
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SUMMARY - ADJUSTING CENTERLINE AND REFERENCE SURVEY MONUMENTS

STATION	QUANTITY EACH	STATION	QUANTITY EACH
Maunaloa Hwy. Proj. #221(1)	-	S.T. 121+34.76	1
P.C. 0+00	1	T.S. 121+91.61	1
P.T. 2+78.59	1	S.T. 132+80.54	1
T.S. 14+59.79	1	T.S. 140+79.43	1
S.T. 30+97.11	1	S.T. 161+75.76	1
T.S. 32+15.56	1	T.S. 181+90.76	1
S.T. 45+82.30	1	S.T. 189+90.88	1
T.S. 45+86.91	1	T.S. 191+37.70	1
S.T. 61+52.88	1	S.T. 203+26.10	1
T.S. 75+39.12	1	T.S. 209+16.31	1
85+82 Kaluakoi Intersec.	1	S.T. 222+54.82	1
S.T. 88+46.12	1	T.S. 226+23.39	1
T.S. 91+70.38	1		
S.T. 105+64.08	1	Kalae Hwy.	-
T.S. 109+40.10	1		
PROPOSAL TOTAL			26

DATE _____
 SURVEY PLOTTED BY _____
 DRAWN BY _____
 DESIGNED BY _____
 QUANTITIES BY _____
 CHECKED BY _____
 ORIGINAL PLAN NO. _____

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PAY'T. MARKER, STRIPING AND MONUMENT SUMMARY - SIGNING, STRIPING & MARKER NOTES
 MAUNALO A HWY. AND KALAE HIGHWAY RESURFACING
 PROJ. NO. RS-0900 (24)

NO SCALE DATE: APRIL, 1986
 SHEET No. 1 OF 1 SHEETS