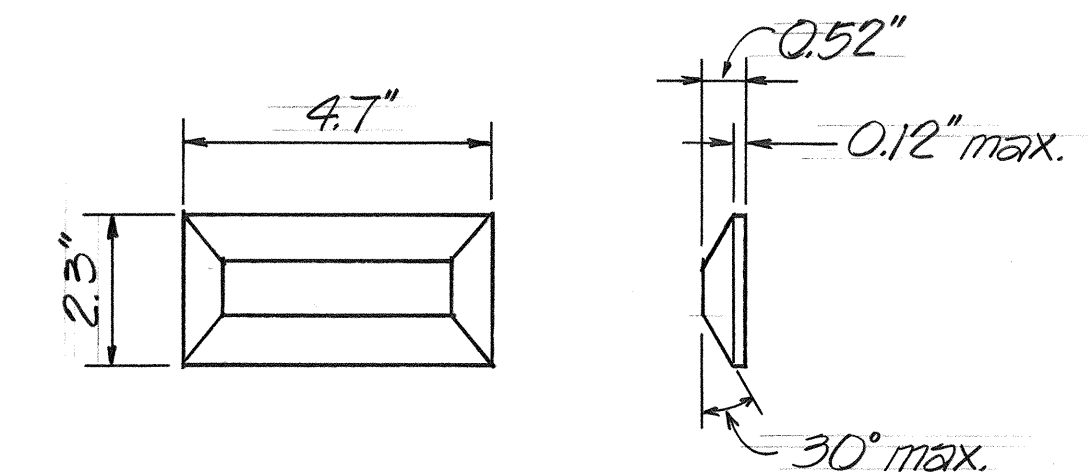


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-01-20M	1990	9	10

PAVEMENT MARKER SCHEDULE

STATION		DESCRIPTION	TYPE			
FROM	TO		DL	HL	J	CL
61+50	82+12.40 Bk. 82+24.00 Ah.	NO PASSING - BOTH SIDES	102 105			106
82+12.40 Bk. 82+24.00 Ah.	100+00	NO PASSING - BOTH SIDES	84 86			86
100+00	106+70	NO PASSING - L PASSING - R	17	17 18	64	34
106+70	109+00	NO PASSING - BOTH SIDES	12			12
109+00	111+80	PASSING - L NO PASSING - R	7	7	28	14
111+80	115+59	PASSING - BOTH SIDES	10		36	20
115+59	120+79	NO PASSING - L PASSING - R	13	13	52	26
120+79	124+27.80 Bk. 124+61.90 Ah.	PASSING - L NO PASSING - R	9	9	36	18
124+27.80 Bk. 124+61.90 Ah.	128+41.40 Bk. 128+41.10 Ah.	PASSING - L NO PASSING - R	10	10	40	20
128+41.40 Bk. 128+41.10 Ah.	129+45	PASSING - L NO PASSING - R	3	3	12	6
129+45	130+84.20 Bk. 130+84.60 Ah.	NO PASSING - L PASSING - R	4	4	16	8
130+84.20 Bk. 130+84.60 Ah.	138+25	NO PASSING - L PASSING - R	19	20 19	76	38
138+25	164+13	PASSING - BOTH SIDES	63 65		260 256	130
164+13	171+00	PASSING - L NO PASSING - R	17	19 18	72	34
171+00	171+30.40 Bk. 171+30.10 Ah.	PASSING - BOTH SIDES	2		4	2
171+30.40 Bk. 171+30.10 Ah.	173+17.80 Bk. 173+17.20 Ah.	PASSING - BOTH SIDES	5		16	10
173+17.80 Bk. 173+17.20 Ah.	173+28	PASSING - BOTH SIDES	1			
173+28	180+18	NO PASSING - L PASSING - R	17	18	72	36
180+18	196+86	PASSING - BOTH SIDES	41 42		167 164	84
196+86	198+16	PASSING - L NO PASSING - R	3	4	16	6
198+16	205+66	PASSING - BOTH SIDES	19		72	38
205+66	207+36	NO PASSING - L PASSING - R	4	5	20	8
207+36	215+25	PASSING - BOTH SIDES	20		76	40
215+25	223+65	PASSING - L NO PASSING - R	21	21	84	42
223+65	224+75	NO PASSING - BOTH SIDES	6			6
224+75	230+25	NO PASSING - L PASSING - R	14	13	52	28
230+25	232+95	NO PASSING - BOTH SIDES	14			14
232+95	238+85	PASSING - L NO PASSING - R	15	15 14	56	30
238+85	239+35	NO PASSING - BOTH SIDES	3			2
239+35	246+05	NO PASSING - L PASSING - R	17	16	64	34
246+05	247+75	NO PASSING - BOTH SIDES	9			8
247+75	254+45	PASSING - L NO PASSING - R	17	16	64	34
254+45	255+33.00 Bk. 255+42.60 Ah.	NO PASSING - BOTH SIDES	7			6
255+33.00 Bk. 255+42.60 Ah.	255+81	NO PASSING - BOTH SIDES	2			2
255+81	265+01	NO PASSING - L PASSING - R	23	24 23	92	46
265+01	278+91	PASSING - BOTH SIDES	34 35		138 136	70
278+91	285+01	PASSING - L NO PASSING - R	15	16	64	30

285+01	288+11	PASSING - BOTH SIDES	8		28	16
288+11	294+21	NO PASSING - L PASSING - R	15	16	64	30
294+21	296+91	PASSING - BOTH SIDES	7		28	14
296+91	303+81	PASSING - L NO PASSING - R	17	19 18	74 72	34
303+81	305+71	PASSING - BOTH SIDES	5		16	10
305+71	309+31	NO PASSING - L PASSING - R	9	9	36	18
309+31	312+21	NO PASSING - BOTH SIDES	15			14
312+21	316+61	PASSING - L NO PASSING - R	11	11	44	22
316+61	318+50	PASSING - BOTH SIDES	5		16	10
318+50	321+30	NO PASSING - L PASSING - R	7	8 7	28	14
321+30	325+00	NO PASSING - BOTH SIDES	19			18
325+00	329+14	PASSING - L NO PASSING - R	11	11	44	22
329+14	330+24	PASSING - BOTH SIDES	3		8	6
330+24	334+64	NO PASSING - L PASSING - R	11	11	44	22
334+64	337+94	NO PASSING - BOTH SIDES	17			16
337+94	343+04	PASSING - L NO PASSING - R	13	13 12	48	26
343+04	347+29	NO PASSING - BOTH SIDES	22			22
347+29	356+46	NO PASSING - L PASSING - R	23	24 23	95 92	45 44
356+46	357+32.40 Bk. 357+74.40 Ah.	PASSING - BOTH SIDES	3		8	4
357+32.40 Bk. 357+74.40 Ah.	366+38	PASSING - BOTH SIDES	22		84	44
366+38	375+46	PASSING - L NO PASSING - R	23	23	92	46
375+46	407+64.20 Bk. 407+56.70 Ah.	NO PASSING - BOTH SIDES	157 161			160
407+64.20 Bk. 407+56.70 Ah.	429+30	NO PASSING - BOTH SIDES	104 107			106
50+00	55+55	NO PASSING - BOTH SIDES	40	-	-	40
55+55	60+25	PASSING - L NO PASSING - R	11	11	44	11
60+25	62+00	NO PASSING BOTH SIDES	10	-	-	10
TOTALS			1267	406	2550	1908

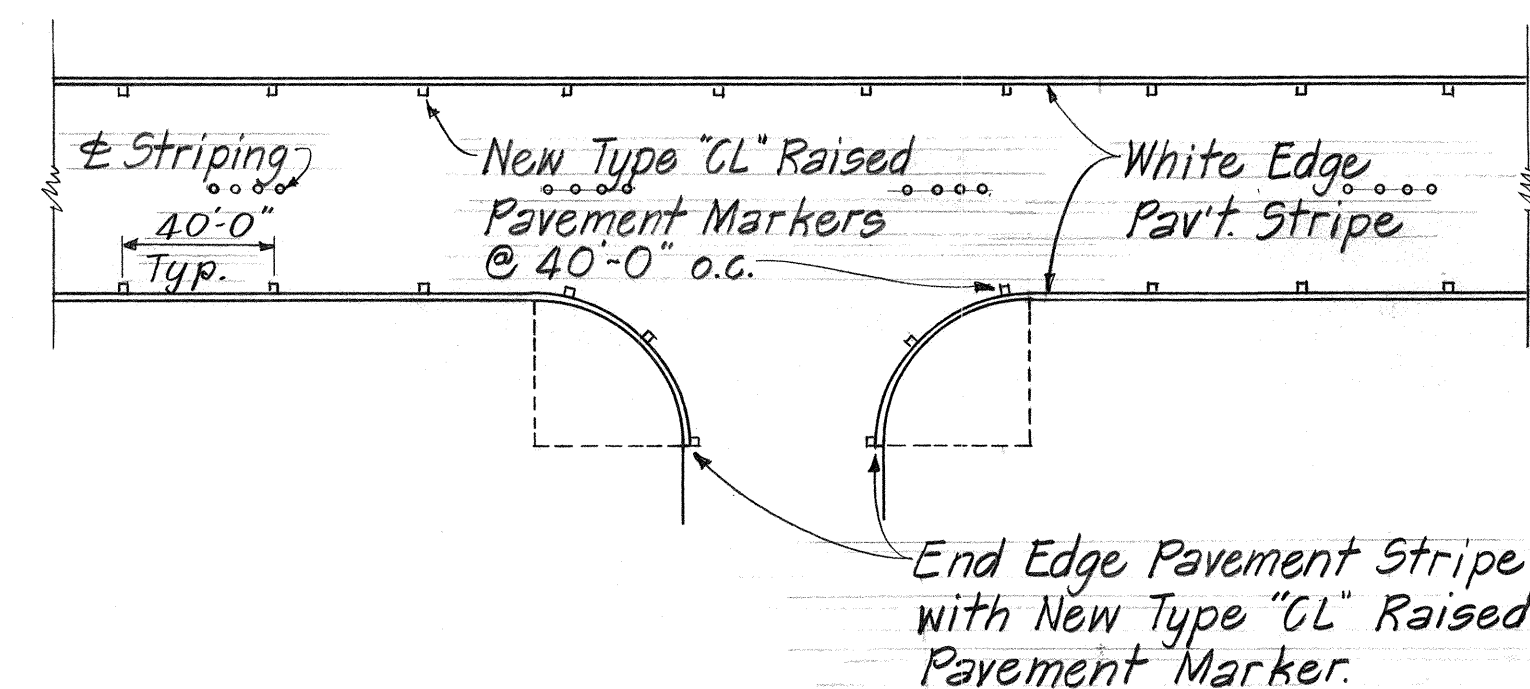


"L" SERIES
PAVEMENT MARKER DETAIL
Not to Scale

TYPE "CL" : Red-Clear Reflective Marker
TYPE "DL" : Two-Way Yellow Reflective Marker
TYPE "HL" : One-Way Yellow Reflective Marker

NOTE:

- Layout of Pavement Markers shall be done by the Contractor and Approved by the Engineer prior to any Installation work.
- Pavement Areas to be Striped shall be Broomed Off by the Contractor prior to Striping by the State.
- Details of Type "C", Type "D" and Type "H" Markers on Standard Plan Nos. TE-30, TE-31 and TE-32 shall be Deleted and Replaced with Details of Type "CL", Type "DL" and Type "HL" Markers as shown on this sheet. All References to Type "C", Type "D" and Type "H" Markers in the Plans shall mean Type "CL", Type "DL" and Type "HL" Markers.
- Final Locations of all Signs shall be Approved by the Engineer prior to any Installation work.
- Contractor's attention is directed to the "Typical Edge of Pavement Markings" detail. Type "CL" pavement markers shall be installed along the white edge of pavement stripe.



TYPICAL EDGE OF PAVEMENT MARKINGS
Not To Scale

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
PAVEMENT MARKER SCHEDULE AND DETAILS
Hawaii Belt Road Resurfacing Pu'u Waawaa to Kaupulehu Proj. No. 190BC-01-20M
Not to Scale Date: Oct. 1989
SHEET No. 1 OF 2 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

<u>MONUMENT SCHEDULE</u>					
<u>STATION</u>	<u>* RECONSTRUCT (Item no. 613.0100)</u>	<u>ADJUST EXISTING (Item no. 613.0110)</u>	<u>± OFFSET (Ft.)</u>		
P.T. 63+79.15		1	0.3 Rt.		
P.C. 68+16.60		1	0.9 Rt.		
P.T. 82+19.40 Bk.					
P.T. 82+24.00 Ah.		1	0.5 Rt.		
± 89+50		1	0.9 Rt.		
P.C. 94+72.60		1	0.3 Rt.		
P.T. 102+58.60		1	0.4 Rt.		
± 113+00		1	0.9 Rt.		
P.C. 128+41.40 Bk.					
P.C. 128+41.10 Ah.		1	0.4 Rt.		
P.T. 130+84.90 Bk.					
P.T. 130+84.60 Ah.		1	0.9 Rt.		
± 141+77		1	0.6 Rt.		
P.C. 151+96.90		1	1.0 Rt.		
P.T. 153+03.10		1	0.9 Rt.		
P.C. 171+30.10		1	0.6 Lt.		
P.T. 173+17.80		1	0.2 Lt.		
± 190+00		1	0.5 Rt.		
± 201+56		1	0.6 Rt.		
± 224+51		1	0.5 Rt.		
± 238+61		1	0.6 Lt.		
P.C. 254+60.30		1	φ		
P.T. 256+22.30		1	0.2 Rt.		
P.C. 328+54.90	1		0.4 Rt.		
P.T. 329+75.90	1		0.9 Lt.		
P.C. 344+36.50	1		0.1 Rt.		
P.T. 348+90.90	1		0.3 Rt.		
P.C. 373+98.40	1		0.15 Rt.		
P.T. 376+41.30	1		0.15 Rt.		
P.C. 379+98.70	1		0.7 Rt.		
P.T. 382+42.50	1		0.75 Rt.		
P.C. 389+21.10	1		2.4 Rt.		
P.T. 402+16.70	1		2.2 Lt.		
P.C. 403+52.60	1		0.4 Lt.		
P.T. 405+12.40	1		φ		
P.C. 405+50.40	1		3.2 Rt.		
P.T. 407+64.20 Bk.	1				
P.T. 407+56.70 Ah.			2.2 Rt.		
TOTALS	14 Each	20 Each			

Install CG20-2

END CONSTRUCTION

BEGIN PROJECT

STA. 62+00

← TO KAILUA

HAWAII BELT ROAD

500'

500'

ROAD CONSTRUCTION AHEAD

Install CW20-1d

ROAD CONSTRUCTION NEXT 6.9 MILES

Install CG20-1(6.9)

END PROJECT

STA. 428+80

1,000'

ROAD CONSTRUCTION AHEAD

Install CW20-1e

Install CG20-2

END CONSTRUCTION

TO WAIMEA →

CONSTRUCTION SIGN PLAN

Not to Scale

CO...
EX...
PR...
F-
FA...

CONSTRUCTION SIGN SCHEDULE		
EXISTING PROJ. NO	STATION	ITEM NO. G21.7100
F-10(5)	52+00 Rt.	CW20-1d
	57+00 Lt.	CG20-2
	62+00 Rt.	CG20-1(6.2)
FAP10-A	428+80 Lt.	CG20-1(6.2)
	433+80 Rt.	CG20-2
	438+80 Lt.	CW20-1d
	TOTAL	6 Each

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION SIGN PLAN
AND & MONUMENT SCHEDULE

Hawaii Belt Road Resurfacing
Puu Waawaa to Kaupulehu
Proj. No. 190BC-01-20M

Not to Scale Date: Oct. 1989

SHEET No. 2 OF 2 SHEETS