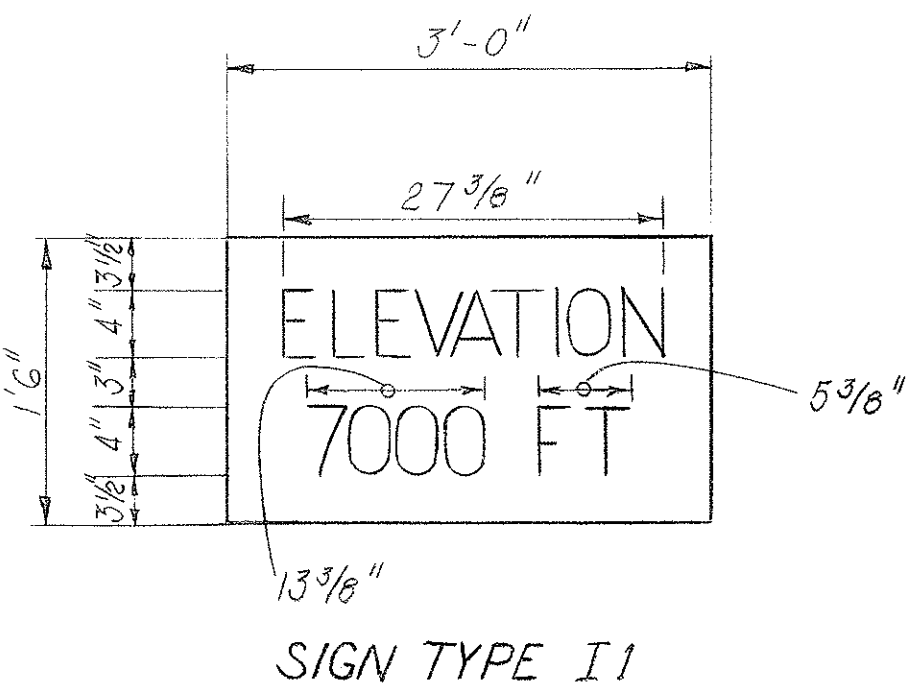
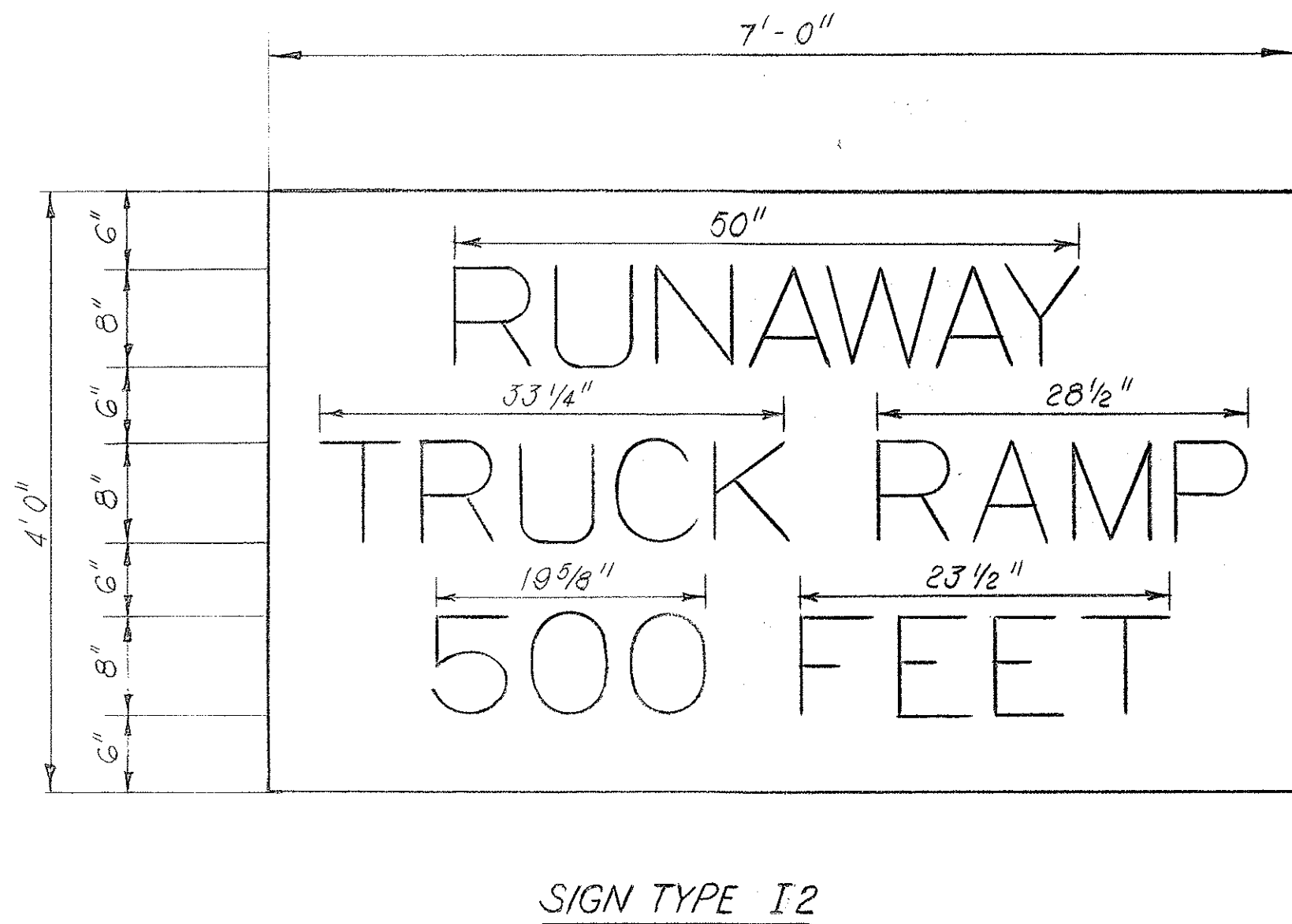
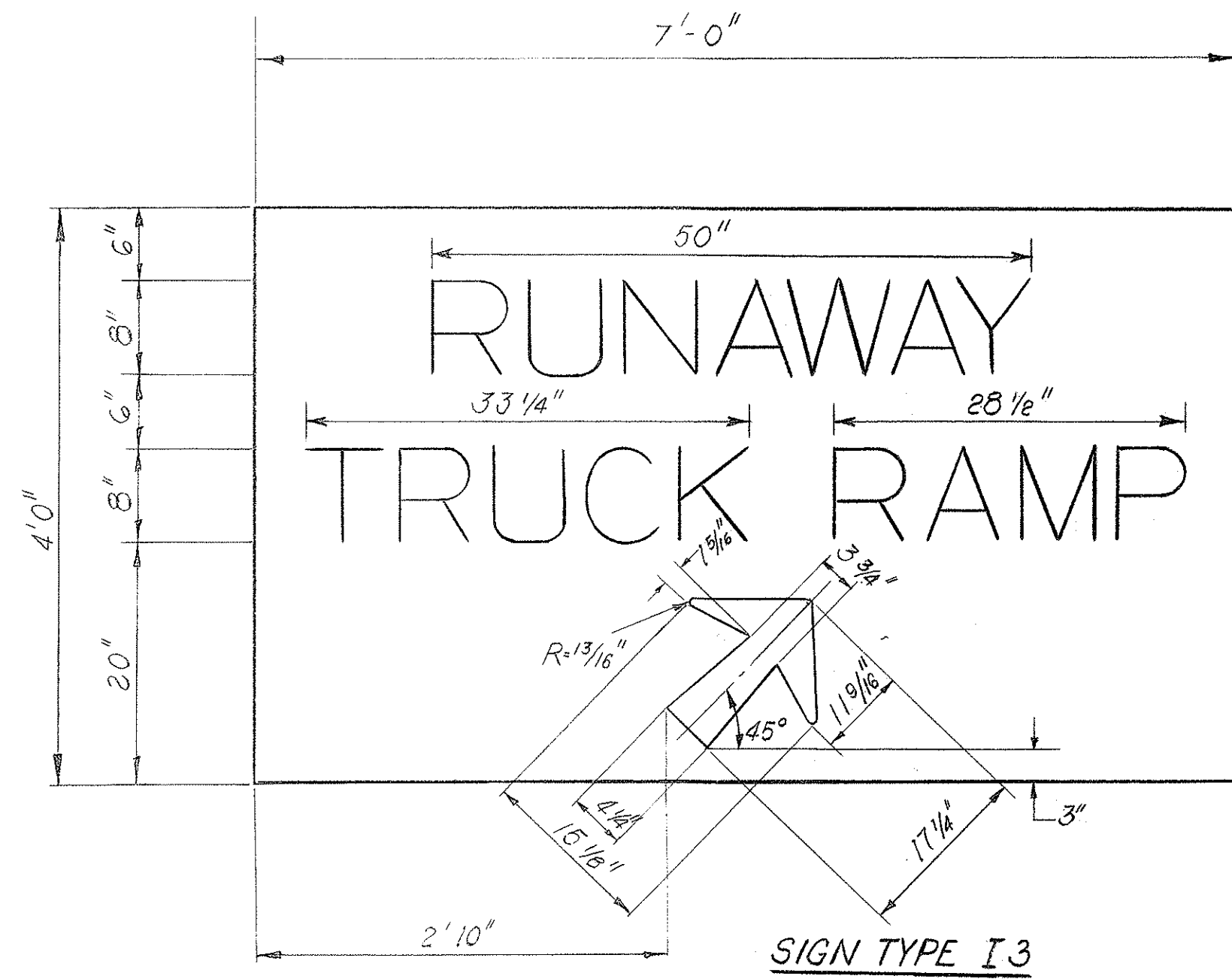


STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW.	BMD 66-343	FY 71-72	30	88

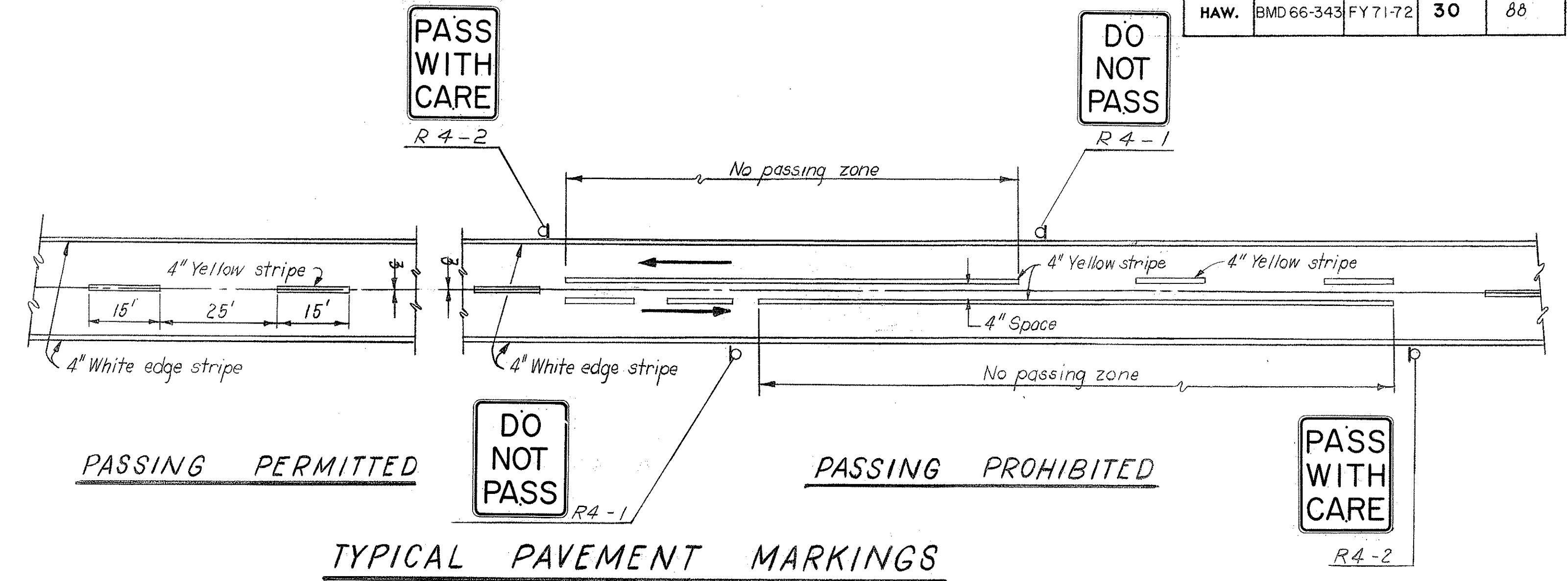


Type I1-7 shall read ELEVATION 7000FT
Type I1-8 shall read ELEVATION 8000FT
Type I1-9 shall read ELEVATION 9000FT

ROAD DELINEATOR RM-1, WITH METAL POST		
STATION TO STATION (RT & LT)	* SPACING (FEET)	
0+00 to 42+00	200	
42+00 to 46+00	80	
46+00 to 56+00	200	
56+00 to 60+00	50	
60+00 to 88+00	200	
88+00 to 96+00	80	
96+00 to 108+00	200	
108+00 to 124+00	80	
124+00 to 132+00	200	
132+00 to 138+00	50	
138+00 to 144+00	200	
144+00 to 150+00	33	
150+00 to 154+00	100	
154+00 to 162+00	33	
162+00 to 168+00	200	
168+00 to 176+00	40	
176+00 to 186+00	200	
186+00 to 190+00	50	
190+00 to 202+00	200	
202+00 to 222+00	50	
222+00 to 228+00	200	
228+00 to 246+00	33	
246+00 to 256+00	200	
256+00 to 263+00	33	
263+00 to 266+00	100	
266+00 to 276+00	50	
276+00 to 284+00	200	
284+00 to 287+00	50	
287+00 to 291+00	200	
291+00 to 300+00	50	
300+00 to 304+00	40	
304+00 to 310+00	200	
310+00 to 312+00	40	
312+00 to 322+50	50	
400+00 to 405+00	50	
405+00 to 409+00	200	

* SPACING WAS ADJUSTED TO FIT EXISTING FIELD CONDITIONS.

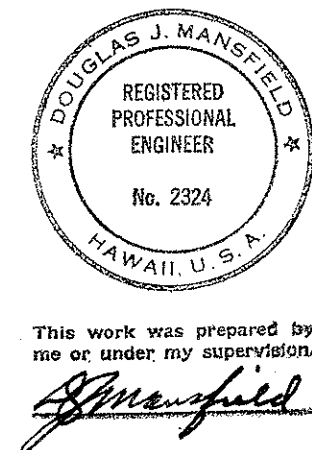
REFERENCE SURVEY MONUMENTS	
STATION	STATION
POT 1 + 00.00	PC 186 + 16.33
PC 7 + 99.05	PT 189 + 51.43
PI 8 + 60.14	PC 202 + 10.60
PT 9 + 21.22	PT 212 + 50.12
POT 20 + 00.00	PC 216 + 15.90
PC 31 + 91.86	PT 220 + 34.78
PI 32 + 51.50	PC 228 + 17.16
PT 33 + 11.12	PT 232 + 29.93
PC 42 + 16.09	PC 234 + 35.41
PT 46 + 11.70	PT 244 + 93.96
PC 57 + 19.11	PC 266 + 42.31
PI 68 + 04.37	PT 262 + 93.67
PT 58 + 88.99	PC 266 + 60.24
POT 70 + 00.00	PT 275 + 55.59
PC 89 + 27.21	PC 284 + 59.09
PT 94 + 43.82	PI 285 + 63.02
PC 108 + 76.47	PT 286 + 66.20
PT 123 + 11.83	PC 291 + 95.46
PC 133 + 07.43	PT 297 + 10.33
PT 137 + 37.01	PC 300 + 14.09
PC 144 + 75.47	PT 302 + 63.09
PT 149 + 98.83	PC 309 + 26.00
PC 153 + 84.53	PT 312 + 93.10
PT 161 + 81.10	PC 314 + 73.39
PC 168 + 31.91	PT 320 + 13.86
PT 176 + 27.48	POT 322 + 66.43
	PC 403 + 03.62
	PI 404 + 04.31
	PT 405 + 04.33



NO PASSING ZONE			NO PASSING ZONE		
BEGIN STATION	END STATION	LT/RT	BEGIN STATION	END STATION	LT/RT
53+00	58+00	RT	0+25	5+25	LT
53+00	64+00	LT	63+67	68+67	RT
64+00	69+00	RT	70+23	75+23	LT
70+00	75+00	LT	87+33	92+33	RT
88+00	93+00	RT	94+12	99+12	LT
94+00	99+00	LT	128+51	135+28	RT
114+00	119+00	RT	134+51	141+28	LT
120+00	125+00	LT	142+73	156+77	RT
142+00	158+00	RT	147+93	162+00	LT
147+00	166+00	LT	166+57	174+37	RT
183+00	188+00	RT	171+65	179+37	LT
187+00	192+00	LT	212+25	217+25	RT
208+00	218+00	RT	222+26	230+68	RT
213+00	223+00	LT	219+71	235+73	LT
223+00	228+00	RT	253+00	261+27	RT
227+00	232+00	LT	257+97	266+27	LT
253+00	268+00	RT	289+00	294+00	RT
258+00	274+00	LT	295+50	300+50	LT
280+00	285+00	RT	313+13	318+13	RT
287+00	292+00	LT	318+13	400+44	LT
291+00	301+00	RT			
296+00	306+00	LT			
313+00	318+00	RT			
318+00	400+50	LT			

ROAD DELINEATOR RM-3, WITH METAL POST	
STATION	
6+45 44 + 05 RT LT	6+35 RT
44 + 80 RT	
HS 2+33 LT	43+86 RT
KR 0+35 LT	
KR 0+45 LT	
224 + 00 LT	223+90 RT

- NOTES**
- Sign posts and installation details for Type I1 signs shall be in accordance with Standard Details Dwg. No. DT100.
 - Sign posts, footings and installation details for Type I2 and I3 signs shall be Type VIII footing shown on Standard Details, Dwg. No. DT203.
 - The shape, color, dimensions, symbols, wording, lettering and reflectorization of Type I1, I2 and I3 signs shall be in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways," dated June 1961 and the BPR manual "Standard Highway Signs," dated September 1961, except as shown.
 - Type I1, I2 and I3 signs shall be reflectorized.
 - All letters and numerals for Type I1, I2 and I3 signs shall conform to the BPR manual "Standard Alphabets for Highway Signs," dated 1968. Letters and numbers shall be Series D.
 - Type I1 signs shall have a blue background with white letters. Type I2 and I3 signs shall have a green background with white letters.
 - Type I1 signs shall be sheet aluminum with 3/8" bolt holes at appropriate locations.
 - Type I2 and I3 signs shall have either laminated aluminum panels or solid aluminum extruded panels and shall conform to the details shown on Standard Details Dwg. No. DT206 or DT207.
 - For sign locations see Dwg. No. C101-C113.
 - For Road Delineator details see Standard Details Dwg. No. DT100.
 - For Reference Survey Monument details see Standard Details Dwg. No. DD813.1
 - Centerline for pavement stripes shall be midway between the edges of pavement.
 - Painted stripes to be done by State forces.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**SIGN AND
PAVEMENT MARKING DETAILS**

MAUNA KEA OBSERVATORY ACCESS ROAD
PROJ. NO. BMD 66 - 343
REVISED: SEP 1972
DATE: MARCH 1972
NO SCALE