

STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW.	BMD 66-343	FY 71-72	17	88

STATION	E.P. ELEVATION		DISTANCE	
	LEFT	RIGHT	LEFT	RIGHT
CURVE NO 1				
5 + 86.55	6579.30	6579.27	10.0	10.0
6 + 00	6579.83	6579.80	"	"
6 + 50	6581.90	6581.80	"	"
7 + 00	6583.98	6583.80	"	"
7 + 11.55	6584.46	6584.26	"	"
7 + 50	6586.06	6585.80	"	"
7 + 99.05	6588.10	6587.76	"	"
8 + 36.55	6589.65	6589.26	"	"
8 + 83.72	6591.54	6591.14	"	"
9 + 00	6592.17	6591.80	"	"
9 + 21.22	6592.98	6592.64	"	"
9 + 50	6594.08	6593.80	"	"
10 + 00	6596.01	6595.80	"	"
10 + 08.72	6596.35	6596.14	"	"
10 + 50	6597.93	6597.80	"	"
11 + 00	6599.85	6599.80	"	"
11 + 33.72	6601.15	6601.14	10.0	10.0
CURVE NO 2				
29 + 79.38	6645.73	6645.70	10.0	10.0
30 + 00	6646.39	6646.36	"	"
30 + 50	6648.16	6648.05	"	"
31 + 00	6650.05	6649.86	"	"
31 + 04.36	6650.22	6650.02	"	"
31 + 50	6652.87	6651.80	"	"
31 + 91.86	6653.81	6653.47	"	"
32 + 00	6654.15	6653.80	"	"
32 + 29.55	6655.36	6654.97	"	"
32 + 73.82	6657.13	6656.74	"	"
33 + 00	6658.16	6657.80	"	"
33 + 11.12	6658.56	6658.24	"	"
33 + 50	6660.07	6659.80	"	"
33 + 98.62	6661.94	6661.74	"	"
34 + 00	6662.00	6661.80	"	"
34 + 50	6663.92	6663.80	"	"
35 + 00	6665.84	6665.80	"	"
35 + 23.62	6666.75	6666.74	10.0	10.0
CURVE NO 3				
40 + 78.59	6687.16	6687.14	10.0	10.0
41 + 00	6687.88	6687.80	"	10.0
41 + 28.59	6688.86	6688.65	"	10.0
41 + 50	6689.58	6689.29	"	10.4
41 + 78.89	6690.55	6690.10	"	11.0
42 + 00	6691.29	6690.87	"	11.4
42 + 16.09	6691.83	6691.07	"	11.7
42 + 50	6692.97	6691.92	"	12.4
42 + 53.69	6693.08	6692.02	"	12.5
45 + 74.20	6702.70	6701.64	"	12.5
46 + 00	6703.39	6702.52	"	12.0
46 + 11.70	6703.10	6702.93	"	11.8
46 + 49.20	6704.67	6704.23	"	11.0
46 + 99.20	6705.97	6705.77	"	10.0
47 + 49.20	6707.30	6707.27	10.0	10.0
CURVE NO 4				
55 + 67.11	6741.19	6741.15	10.0	10.0
56 + 00	6742.96	6742.80	"	10.0
56 + 07.11	6743.36	6743.15	"	10.0
56 + 47.11	6745.55	6745.10	"	10.7
56 + 50	6745.71	6745.24	"	10.8
57 + 00	6746.46	6747.45	"	11.7
57 + 19.11	6749.51	6748.27	"	12.1
57 + 50	6751.21	6749.59	"	12.7
57 + 67.11	6752.12	6750.36	"	13.0
58 + 40.99	6755.81	6754.05	"	13.0
58 + 50	6756.24	6754.55	"	12.8
58 + 88.99	6756.01	6756.77	"	12.1
59 + 00	6758.50	6757.40	"	11.9
59 + 50	6760.75	6760.21	"	10.9
59 + 80.99	6761.25	6760.79	10.0	10.7

STATION	E.P. ELEVATION		DISTANCE	
	LEFT	RIGHT	LEFT	RIGHT
CURVE NO 5				
80 + 00.99	6763.05	6762.84	10.0	10.0
80 + 40.99	6764.84	6764.87	10.0	10.0
CURVE NO 6				
87 + 77.21	6927.99	6927.97	10.0	10.0
88 + 00	6929.87	6929.80	"	10.0
88 + 39.71	6933.18	6932.97	"	10.0
88 + 50	6934.03	6933.80	"	10.2
89 + 00	6936.19	6937.76	"	11.0
89 + 02.21	6938.36	6937.93	"	11.0
89 + 27.21	6940.45	6939.86	"	11.4
89 + 50	6942.35	6941.59	"	11.8
89 + 64.71	6943.55	6942.73	"	12.0
94 + 06.32	6974.16	6973.35	"	12.0
94 + 43.82	6975.87	6975.27	"	11.4
94 + 50	6976.13	6975.56	"	11.3
94 + 88.82	6976.90	6976.44	"	11.0
95 + 00	6978.10	6977.79	"	10.5
95 + 31.32	6979.20	6979.00	"	10.0
95 + 50	6979.81	6979.67	"	10.0
95 + 93.82	6981.12	6981.11	10.0	10.0
CURVE NO 7				
107 + 38.97	7035.68	7035.69	10.0	10.0
107 + 50	7036.20	7036.25	10.0	"
107 + 88.97	7037.95	7038.15	10.0	"
108 + 00	7038.42	7038.67	10.2	"
108 + 38.97	7039.95	7040.22	11.0	"
108 + 50	7040.36	7040.90	11.2	"
108 + 76.47	7041.24	7042.00	11.7	"
109 + 00	7041.96	7042.93	12.2	"
109 + 13.97	7042.37	7043.43	12.5	"
122 + 74.33	7101.48	7102.54	12.5	"
123 + 00	7103.92	7104.79	12.0	"
123 + 11.83	7105.07	7105.84	11.8	"
123 + 49.33	7108.80	7109.23	11.0	"
123 + 99.33	7113.73	7113.93	10.0	"
124 + 49.33	7118.73	7118.77	10.0	10.0
CURVE NO 8				
131 + 55.43	7176.45	7176.46	10.0	10.0
131 + 95.43	7178.83	7179.03	10.0	"
132 + 00	7179.09	7179.32	10.1	"
132 + 35.43	7181.04	7181.51	10.7	"
132 + 50	7181.81	7182.39	11.0	"
133 + 00	7184.77	7185.32	11.9	"
133 + 07.43	7184.50	7185.74	12.1	"
133 + 50	7186.34	7188.06	12.9	"
133 + 55.43	7186.58	7188.34	13.0	"
136 + 89.01	7200.58	7202.34	13.0	"
137 + 00	7201.07	7202.73	12.8	"
137 + 37.01	7202.87	7204.11	12.1	"
137 + 50	7203.54	7204.62	11.8	"
138 + 00	7206.23	7206.74	10.9	"
138 + 09.01	7206.73	7207.75	10.7	"
138 + 49.01	7208.86	7209.07	10.0	"
138 + 89.01	7211.14	7211.19	10.0	10.0
CURVE NO 9				
143 + 32.97	7247.14	7247.20	10.0	10.0
143 + 50	7248.92	7249.03	10.0	"
143 + 70.47	7251.09	7251.29	10.0	"
144 + 00	7254.29	7254.66	10.7	"
144 + 07.97	7255.14	7255.57	10.9	"
144 + 50	7260.62	7260.65	11.9	"
144 + 76.47	7262.38	7263.64	12.5	"
145 + 00	7266.10	7266.69	13.0	"
145 + 20.47	7267.43	7269.22	13.5	"
149 + 53.83	7314.78	7316.58	13.5	"
149 + 98.83	7319.07	7320.33	12.5	"
150 + 50	7323.66	7324.29	11.3	"
150 + 66.33	7325.72	7325.49	10.9	"
151 + 00	7327.67	7327.89	10.1	10.0

STATION	E.P. ELEVATION		DISTANCE	
	LEFT	RIGHT	LEFT	RIGHT
CURVE NO 10				
151 + 03.83	7327.96	7328.16	10.0	10.0
151 + 41.33	7330.68	7330.71	10.0	10.0
CURVE NO 11				
152 + 31.53	7336.69	7336.67	10.0	10.0
152 + 50	7337.91	7337.80	"	10.0
152 + 65.53	7338.92	7338.71	"	10.0
152 + 99.53	7341.05	7340.56	"	10.9
153 + 50	7344.00	7342.89	"	12.2
153 + 84.53	7345.86	7344.24	"	13.1
154 + 00	7346.66	7344.80	"	13.6
154 + 35.53	7348.36	7346.01	"	14.5
161 + 30.01	7406.56	7404.21	"	14.5
161 + 50	7408.88	7406.77	"	14.0
161 + 81.10	7412.43	7410.81	"	13.1
162 + 00	7414.59	7413.25	"	12.6
162 + 50	7420.29	7419.65	"	11.3
162 + 66.10	7422.13	7421.66	"	10.9
163 + 00.10	7426.01	7425.81	"	10.0
163 + 34.10	7429.93	7429.89	10.0	10.0
CURVE NO 12				
166 + 51.91	7468.02	7468.05	10.0	10.0
166 + 91.91	7472.82	7473.93	10.0	"
167 + 00	7473.80	7474.04	10.1	"
167 + 31.91	7477.58	7478.03	10.7	"
167 + 50	7479.68	7480.29	11.0	"
168 + 00	7485.36	7486.54	11.9	"
168 + 31.91	7488.95	7490.53	12.4	"
168 + 50	7490.99	7492.79	12.8	"
168 + 91.91	7495.73	7497.99	13.5	"
175 + 67.48	7576.80	7579.06	13.5	"
176 + 00	7580.91	7582.84	12.9	"
176 + 27.48	7584.42	7586.00	12.4	"
176 + 50	7587.29	7588.69	12.1	"
177 + 00	7593.62	7594.34	11.2	"
177 + 27.48	7597.04	7597.50	10.7	"
177 + 50	7599.79	7600.09	10.3	"
177 + 67.48	7601.89	7602.10	10.0	"
178 + 00	7605.60	7605.85	10.0	"
178 + 07.48	7606.10	7606.73	10.0	10.0
CURVE NO 13				
184 + 68.48	7686.02	7686.05	10.0	10.0
185 + 00	7689.80	7689.95	10.0	"
185 + 11.33	7691.15	7691.35	10.0	"
185 + 50	7695.82	7696.05	10.8	"
185 + 54.18	7696.07	7696.55	10.9	"
186 + 00	7701.01	7701.91	11.8	"
186 + 16.33	7702.69	7703.77	12.1	"
186 + 50	7706.06	7707.51	12.8	"
186 + 61.33	7707.16	7708.70	13.0	"
189 + 06.43	7729.61	7731.15	13.0	"
189 + 51.43	7733.38	7734.46	12.1	"
190 + 00	7737.19	7737.76	11.2	"
190 + 13.58	7738.15	7738.84	10.9	"
190 + 50	7740.67	7740.90	10.1	"
190 + 56.43	7741.08	7741.29	10.0	"
190 + 99.28	7743.15	7743.77	10.0	10.0
CURVE NO 14				
200 + 26.16	7816.01	7815.96	10.0	10.0
200 + 50	7818.91	7818.80	"	10.0
200 + 70.61	7821.47	7821.27	"	10.0
201 + 00	7825.13	7824.79	"	10.5
201 + 15.05	7827.00	7826.56	"	10.8
201 + 50	7831.38	7830.89	"	11.4
202 + 00	7837.58	7836.29	"	12.3
202 + 10.60	7838.90	7837.48	"	12.5
202 + 50	7843.80	7841.94	"	13.1
202 + 70.60	7846.34	7844.30	"	13.5
211 + 90.12	7956.69	7954.64	"	13.5
212 + 00	7957.85	7955.86	10.0	13.3

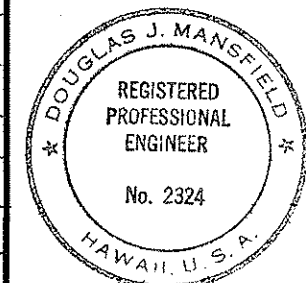
STATION	E. P. ELEVATION		DISTANCE	
	LEFT	RIGHT	LEFT	RIGHT
212 + 50.12	7963.69	7962.16	10.0	12.4
213 + 00	7969.49	7968.43	"	11.6
213 + 50	7975.30	7974.67	"	10.7
213 + 90.12	7979.97	7979.65	"	10.0
214 + 00	7981.12	7980.68	"	10.0
214 + 33.01	7984.96	7984.96	10.0	10.0
CURVE NO 13				
214 + 33.01	7984.96	7984.96	10.0	10.0
214 + 50	7986.93	7987.06	10.0	"
214 + 75.90	7989.95	7990.26	10.0	"
215 + 00	7992.74	7993.25	10.4	"
215 + 50	7998.51	7999.43	11.3	"
216 + 00	8004.85	8005.62	12.2	"
216 + 15.90	8006.06	8007.58	12.4	"
216 + 50	8009.95	8011.80	13.0	"
216 + 75.90	8012.93	8015.98	13.5	"
219 + 74.78	8046.81	8050.84	13.5	"
220 + 00	8051.97	8053.79	13.1	"
220 + 34.78	8056.39	8057.80	12.5	"
220 + 50	8058.31	8059.56	12.2	"
221 + 00	8064.62	8065.34	11.3	"
221 + 30.33	8068.39	8068.84	10.8	"
221 + 50	8070.79	8071.11	10.4	"
221 + 74.78	8073.71	8073.97	10.0	"
222 + 00	8076.80	8076.89	10.0	"
222 + 19.22	8079.10	8079.13	10.0	10.0
CURVE NO 14				
226 + 64.16	8127.26	8127.28	10.0	10.0
226 + 98.16	8129.91	8130.11	10.0	"
227 + 32.16	8132.30	8132.78	10.9	"
227 + 50	8134.46	8134.12	11.4	"
228 + 00	8136.24	8137.60	12.7	"
228 + 17.16	8137.08	8138.70	13.1	"
228 + 50	8138.56	8140.70	14.0	"
228 + 68.16	8139.32	8141.67	14.5	"
231 + 78.93	8149.98	8152.32	14.5	"
232 + 00	8150.78	8152.87	13.9	"
232 + 29.93	8151.98	8153.69	13.1	"
232 + 50	8152.78	8154.07	12.6	"
233 + 00	8154.70	8156.27	11.2	"
233 + 44.75	8156.34	8156.34	10.0	10.0
CURVE NO 15				
233 + 44.75	8156.34	8156.34	10.0	10.0
233 + 50	8156.53	8156.46	"	10.1
234 + 00	8158.33	8157.63	"	11.2
234 + 35.41	8159.61	8158.40	"	12.1
234 + 50	8160.13	8158.71	"	12.4
234 + 77.41	8161.08	8159.34	"	13.0
244 + 51.96	8214.06	8212.31	"	13.0
244 + 93.96	8217.07	8215.84	"	12.1
245 + 00	8217.32	8216.37	"	11.9
245 + 50	8221.36	8220.85	"	10.9
245 + 56.96	8221.91	8221.49	"	10.7
245 + 91.96	8224.76	8224.57	"	10.0
246 + 00	8225.45	8225.50	"	10.0
246 + 26.96	8227.81	8227.76	10.0	10.0
CURVE NO 16				
254 + 89.31	8313.93	8313.98	10.0	10.0
255 + 00	8315.04	8315.13	10.0	"
255 + 23.31	8317.50	8317.71	10.0	"
255 + 50	8320.32	8320.71	10.7	"
255 + 57.31	8321.09	8321.55	10.9	"
256 + 00	8325.45	8326.45	12.0	"
256 + 42.31	8329.77	8331.39	13.1	"
256 + 50	8330.57	8332.30	13.4	"
256 + 93.31	8335.41	8337.46	14.5	"
262 + 42.67	8406.64	8407.99	14.5	"
262 + 50	8406.73	8409.00	14.3	"
262 + 93.67	8413.41	8415.03	13.1	10.0

STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW.	BMD 66-343	FY71-72	18	88

STATION	E. P. ELEVATION		DISTANCE	
	LEFT	RIGHT	LEFT	RIGHT
CURVE NO 19				
290 + 85.46	8832.62	8832.65	10.0	10.0
291 + 00	8834.80	8834.88	10.0	"
291 + 25.46	8838.62	8838.62	10.0	"
291 + 50	8842.28	8842.62	10.6	"
291 + 65.46	8844.56	8845.02	11.0	"
291 + 95.46	8848.91	8849.67	11.7	"
292 + 00	8849.55	8850.37	11.9	"
292 + 25.46	8853.20	8854.24	12.5	"
296 + 80.33	8911.84	8912.88	12.5	"
297 + 00	8914.10	8914.98	12.0	"
297 + 10.33	8915.28	8916.04	11.8	"
297 + 40.33	8918.60	8919.05	11.0	"
297 + 50	8919.66	8920.04	10.8	"
297 + 80.33	8922.61	8923.01	10.0	"
298 + 00	8924.80	8924.90	10.0	"
298 + 20.33	8928.83	8928.86	10.0	10.0
CURVE NO 20				
298 + 81.09	8932.90	8932.94	10.0	10.0
299 + 00	8934.91	8934.80	"	10.0
299 + 18.09	8936.61	8936.40	"	10.0
299 + 51.09	8940.26	8939.89	"	10.7
300 + 00	8945.48	8944.43	"	11.8
300 + 14.09	8946.96	8945.73	"	12.1
300 + 50	8950.74	8949.05	"	12.9
300 + 56.09	8951.37	8949.62	"	13.0
302 + 21.09	8961.87	8966.12	"	13.0
302 + 50	8970.63	8968.21	"	12.4
302 + 63.09	8971.87	8970.63	"	12.1
303 + 00	8975.35	8974.61	"	11.3
303 + 28.09	8977.82	8977.38	"	10.7
303 + 50	8980.13	8979.86	"	10.2
303 + 61.09	8981.20	8981.00	"	10.0
303 + 96.09	8984.69	8984.64	10.0	10.0
CURVE NO 21				
307 + 93.00	9029.89	9029.95	10.0	10.0
308 + 00	9030.86	9030.80	"	10.0
308 + 28.00	9034.36	9034.16	"	10.0
308 + 50	9037.13	9036.78	"	10.4
308 + 63.00	9038.76	9038.30	"	10.7
309 + 00	9043.41	9042.52	"	11.5
309 + 50	9049.70	9046.12	"	12.6
309 + 68.00	9051.92	9050.17	"	13.0
312 + 43.10	9084.94	9083.18	"	13.0
312 + 50	9085.74	9084.04	"	12.9
313 + 00	9091.52	9090.38	"	11.9
313 + 50	9097.27	9096.71	"	11.0
314 + 00	9103.02	9102.98	"	10.1
314 + 03.28	9103.39	9103.39	10.0	10.0
CURVE NO 22				
314 + 03.28	9103.39	9103.39	10.0	10.0
314 + 50	9108.74	9109.23	11.2	"
314 + 80.36	9112.18	9113.02	11.9	"
315 + 00	9114.41	9115.44	12.4	"
315 + 03.39	9114.80	9115.85	12.5	"
319 + 83.86	9155.78	9156.83	12.5	"
320 + 00	9156.88	9157.60	12.1	"
320 + 20.83	9157.80	9158.48	11.8	"
320 + 43.86	9158.89	9159.39	11.0	"
320 + 50	9159.19	9159.61	10.8	"
320 + 83.86	9160.57	9160.77	10.0	"
321 + 00	9161.15	9161.27	10.0	"
321 + 23.86	9161.97	9162.00	10.0	10.0

[illegible][illegible][illegible][illegible]

NOTE: Elevations voided due to the changes in $\pm$ profile grade. See plan and profile sheets for the correct profile grades for the voided elevations.



This work was prepared by
me or under my supervision.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT ELEVATIONS,
CURVE WIDENING AND
SUPERELEVATION TRANSITION

MAUNA KEA OBSERVATORY ACCESS ROAD
PROJ. NO. BMD 66 - 343

NO SCALE DATE: MARCH 1972

SHEET No. 2 OF 2 SHEETS C152