This table shows values calculated using equations in the Caltrans Highway Design Manual. It does not account for differing AC and AB thicknesses. All values shown are in inches (").

	TI												
	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12
HMA	3	3.5	4	4	4.5	5	5.5	5.5	6	6.5	6.5	7	7
R-Value	AB Thickness												
4	14.0	14.5	15.5	17.5	18.5	19.5	20.5	22.5	24.0	25.0	26.5	27.5	29.0
5	13.5	14.5	15.5	17.5	18.5	19.5	20.5	22.5	23.5	24.5	26.0	27.0	28.5
6	13.5	14.5	15.0	17.0	18.0	19.0	20.0	22.0	23.0	24.0	26.0	26.5	28.5
7	13.0	14.0	15.0	17.0	18.0	19.0	20.0	21.5	23.0	23.5	25.5	26.0	28.0
8	13.0	14.0	14.5	16.5	17.5	18.5	19.5	21.5	22.5	23.5	25.0	26.0	27.5
9	12.5	13.5	14.5	16.5	17.0	18.0	19.0	21.0	22.0	23.0	24.5	25.5	27.0
10	12.5	13.5	14.0	16.0	17.0	18.0	19.0	20.5	22.0	22.5	24.0	25.0	26.5
11	12.5	13.0	14.0	16.0	16.5	17.5	18.5	20.5	21.5	22.0	24.0	24.5	26.0
12	12.0	13.0	13.5	15.5	16.5	17.5	18.0	20.0	21.0	22.0	23.5	24.0	26.0
13	12.0	12.5	13.5	15.0	16.0	17.0	18.0	19.5	21.0	21.5	23.0	24.0	25.5
14	11.5	12.5	13.0	15.0	16.0	16.5	17.5	19.5	20.5	21.0	22.5	23.5	25.0
15	11.5	12.0	13.0	14.5	15.5	16.5	17.5	19.0	20.0	21.0	22.5	23.0	24.5
16	11.5	12.0	12.5	14.5	15.5	16.0	17.0	18.5	19.5	20.5	22.0	22.5	24.0
17	11.0	12.0	12.5	14.0	15.0	16.0	16.5	18.5	19.5	20.0	21.5	22.0	23.5
18	11.0	11.5	12.0	14.0	14.5	15.5	16.5	18.0	19.0	19.5	21.0	22.0	23.5
19	10.5	11.5	12.0	13.5	14.5	15.0	16.0	17.5	18.5	19.5	21.0	21.5	23.0
20	10.5	11.0	12.0	13.5	14.0	15.0	15.5	17.5	18.5	19.0	20.5	21.0	22.5
21	10.0	11.0	11.5	13.0	14.0	14.5	15.5	17.0	18.0	18.5	20.0	20.5	22.0
22	10.0	10.5	11.5	13.0	13.5	14.5	15.0	16.5	17.5	18.0	19.5	20.0	21.5
23	10.0	10.5	11.0	12.5	13.5	14.0	14.5	16.5	17.5	18.0	19.0	20.0	21.0
24	9.5	10.0	11.0	12.5	13.0	13.5	14.5	16.0	17.0	17.5	19.0	19.5	21.0
25	9.5	10.0	10.5	12.0	12.5	13.5	14.0	15.5	16.5	17.0	18.5	19.0	20.5
26	9.0	9.5	10.5	12.0	12.5	13.0	14.0	15.5	16.0	17.0	18.0	18.5	20.0
27	9.0	9.5	10.0	11.5	12.0	13.0	13.5	15.0	16.0	16.5	17.5	18.0	19.5
28	9.0	9.5	10.0	11.5	12.0	12.5	13.0	14.5	15.5	16.0	17.5	18.0	19.0
29	8.5	9.0	9.5	11.0	11.5	12.0	13.0	14.5	15.0	15.5	17.0	17.5	18.5
30	8.5	9.0	9.5	11.0	11.5	12.0	12.5	14.0	15.0	15.5	16.5	17.0	18.5
31	8.0	8.5	9.0	10.5	11.0	11.5	12.0	13.5	14.5	15.0	16.0	16.5	18.0
32	8.0	8.5	9.0	10.5	11.0	11.5	12.0	13.5	14.0	14.5	16.0	16.0	17.5
33	7.5	8.0	8.5	10.0	10.5	11.0	11.5	13.0	14.0	14.0	15.5	16.0	17.0
34	7.5	8.0	8.5	10.0	10.0	10.5	11.5	12.5	13.5	14.0	15.0	15.5	16.5
35	7.5	7.5	8.0	9.5	10.0	10.5	11.0	12.5	13.0	13.5	14.5	15.0	16.0
36	7.0	7.5	8.0	9.0	9.5	10.0	10.5	12.0	12.5	13.0	14.0	14.5	15.5
37	7.0	7.0	7.5	9.0	9.5	10.0	10.5	11.5	12.5	12.5	14.0	14.0	15.5
38	6.5	7.0	7.5	8.5	9.0	9.5	10.0	11.5	12.0	12.5	13.5	14.0	15.0
39	6.5	7.0	7.0	8.5	9.0	9.5	9.5	11.0	11.5	12.0	13.0	13.5	14.5
40	6.5	6.5	7.0	8.0	8.5	9.0	9.5	10.5	11.5	11.5	12.5	13.0	14.0
41	6.0	6.5	6.5	8.0	8.5	8.5	9.0	10.5	11.0	11.5	12.5	12.5	13.5
42	6.0	6.0	6.5	7.5	8.0	8.5	9.0	10.0	10.5	11.0	12.0	12.0	13.0
43	5.5	6.0	6.0	7.5	7.5	8.0	8.5	9.5	10.5	10.5	11.5	12.0	13.0
44	5.5	5.5	6.0	7.0	7.5	8.0	8.0	9.5	10.0	10.0	11.0	11.5	12.5
45	5.0	5.5	5.5	7.0	7.0	7.5	8.0	9.0	9.5	10.0	11.0	11.0	12.0
46	5.0	5.0	5.5	6.5	7.0	7.0	7.5	8.5	9.0	9.5	10.5	10.5	11.5
47	5.0	5.0	5.0	6.5	6.5	7.0	7.0	8.5	9.0	9.0	10.0	10.0	11.0
48	4.5	4.5	5.0	6.0	6.5	6.5	7.0	8.0	8.5	8.5	9.5	10.0	10.5
49	4.5	4.5	4.5	6.0	6.0	6.5	6.5	7.5	8.0	8.5	9.0	9.5	10.5
50	4.0	4.5	4.5	5.5	6.0	6.0	6.5	7.5	8.0	8.0	9.0	9.0	10.0