

DISEÑO DE PAVIMENTOS METODO AASHTO 1,993

(PAVIMENTOS FLEXIBLES)

SECCION HOMOGENEA			Sentido	TRANSITO $N_p = N_{8,2}$	R (%)	ZR	So	CBR	MR	Po	Pt	Δ PSI	SN
N°	Del Km	Al Km.											Requerido
				1.3000E+07									
1	736+600	742+150	Ambos	1.3000E+07	95	-1.645	0.420	17.93	16205	4.2	2.0	2.2	3.880
2	742+150	744+400	Ambos	1.3000E+07	95	-1.645	0.420	8.71	10209	4.2	2.0	2.2	4.510
3	744+400	744+900	Ambos	1.3000E+07	95	-1.645	0.420	5.16	7299	4.2	2.0	2.2	5.010
4	744+900	746+900	Ambos	1.3000E+07	95	-1.645	0.420	24.38	19730	4.2	2.0	2.2	3.630
5	746+900	748+150	Ambos	1.3000E+07	95	-1.645	0.420	18.54	16556	4.2	2.0	2.2	3.850
6	748+150	756+650	Ambos	1.3000E+07	95	-1.645	0.420	18.77	16688	4.2	2.0	2.2	3.840
7	756+650	758+250	Ambos	1.3000E+07	95	-1.645	0.420	16.45	15338	4.2	2.0	2.2	3.950
8	758+250	759+150	Ambos	1.3000E+07	95	-1.645	0.420	14.89	14387	4.2	2.0	2.2	4.030
9	759+150	763+250	Ambos	1.3000E+07	95	-1.645	0.420	19.62	17171	4.2	2.0	2.2	3.800
10	763+250	769+850	Ambos	1.3000E+07	95	-1.645	0.420	16.09	15120	4.2	2.0	2.2	3.970
				1.4800E+07									
11	769+850	771+050	Ambos	1.4800E+07	95	-1.645	0.420	8.47	10028	4.2	2.0	2.2	4.620
12	771+050	773+750	Ambos	1.4800E+07	95	-1.645	0.420	13.25	13354	4.2	2.0	2.2	4.210
13	773+750	779+050	Ambos	1.4800E+07	95	-1.645	0.420	9.75	10974	4.2	2.0	2.2	4.490
14	779+050	783+250	S-N	1.4800E+07	95	-1.645	0.420	7.13	8982	4.2	2.0	2.2	4.780
			N-S	1.4800E+07	95	-1.645	0.420	6.89	8790	4.2	2.0	2.2	4.820
15	783+250	785+650	S-N	1.4800E+07	95	-1.645	0.420	12.14	12630	4.2	2.0	2.2	4.290
			N-S	1.4800E+07	95	-1.645	0.420	12.90	13128	4.2	2.0	2.2	4.230
16	785+650	788+050	S-N	1.4800E+07	95	-1.645	0.420	10.28	11354	4.2	2.0	2.2	4.440
			N-S	1.4800E+07	95	-1.645	0.420	10.09	11220	4.2	2.0	2.2	4.450
				2.1800E+07									
17	788+050	789+250	S-N	2.1800E+07	95	-1.645	0.420	14.88	14381	4.2	2.0	2.2	4.340
			N-S	2.1800E+07	95	-1.645	0.420	16.17	15168	4.2	2.0	2.2	4.260
18	789+250	791+450	S-N	2.1800E+07	95	-1.645	0.420	14.95	14430	4.2	2.0	2.2	4.330
			N-S	2.1800E+07	95	-1.645	0.420	7.48	9262	4.2	2.0	2.2	4.990
19	791+450	794+650	S-N	2.1800E+07	95	-1.645	0.420	6.04	8080	4.2	2.0	2.2	5.210
			N-S	2.1800E+07	95	-1.645	0.420	6.16	8181	4.2	2.0	2.2	5.190
20	794+650	795+550	S-N	2.1800E+07	95	-1.645	0.420	10.96	11828	4.2	2.0	2.2	4.620
			N-S	2.1800E+07	95	-1.645	0.420	10.97	11834	4.2	2.0	2.2	4.620
				1.4200E+07									
21	795+550	797+350	S-N	1.4200E+07	95	-1.645	0.420	5.10	7246	4.2	2.0	2.2	5.090
			N-S	1.4200E+07	95	-1.645	0.420	5.02	7173	4.2	2.0	2.2	5.100
22	797+350	799+350	Ambos	1.4200E+07	95	-1.645	0.420	9.00	10424	4.2	2.0	2.2	4.540
				8.4200E+06									
23	799+350	804+300	Ambos	8.4200E+06	95	-1.645	0.420	6.65	8587	4.2	2.0	2.2	4.490
24	804+300	805+200	Ambos	8.4200E+06	95	-1.645	0.420	12.18	12653	4.2	2.0	2.2	3.960
25	805+200	807+350	Ambos	8.4200E+06	95	-1.645	0.420	5.78	7851	4.2	2.0	2.2	4.620
26	807+350	812+550	Ambos	8.4200E+06	95	-1.645	0.420	10.23	11319	4.2	2.0	2.2	4.100
27	812+550	815+300	Ambos	8.4200E+06	95	-1.645	0.420	13.79	13700	4.2	2.0	2.2	3.850
28	815+300	816+800	Ambos	8.4200E+06	95	-1.645	0.420	8.81	10284	4.2	2.0	2.2	4.240
29	816+800	820+250	Ambos	8.4200E+06	95	-1.645	0.420	14.22	13971	4.2	2.0	2.2	3.830
30	820+250	820+750	Ambos	8.4200E+06	95	-1.645	0.420	6.58	8531	4.2	2.0	2.2	4.500
31	820+750	825+850	Ambos	8.4200E+06	95	-1.645	0.420	11.56	12240	4.2	2.0	2.2	4.000
32	825+850	827+050	Ambos	8.4200E+06	95	-1.645	0.420	6.30	8295	4.2	2.0	2.2	4.540
33	827+050	828+900	Ambos	8.4200E+06	95	-1.645	0.420	7.45	9237	4.2	2.0	2.2	4.390
34	828+900	829+200	Ambos	8.4200E+06	95	-1.645	0.420	4.86	7032	4.2	2.0	2.2	4.780
35	829+200	830+450	Ambos	8.4200E+06	95	-1.645	0.420	8.10	9747	4.2	2.0	2.2	4.310
36	830+450	831+750	Ambos	8.4200E+06	95	-1.645	0.420	10.67	11626	4.2	2.0	2.2	4.070
37	831+750	834+750	Ambos	8.4200E+06	95	-1.645	0.420	9.18	10561	4.2	2.0	2.2	4.200
38	834+750	835+900	Ambos	8.4200E+06	95	-1.645	0.420	14.23	13979	4.2	2.0	2.2	3.830
39	835+900	839+350	Ambos	8.4200E+06	95	-1.645	0.420	7.12	8977	4.2	2.0	2.2	4.430
40	839+350	842+950	Ambos	8.4200E+06	95	-1.645	0.420	11.75	12363	4.2	2.0	2.2	3.990
41	842+950	850+500	Ambos	8.4200E+06	95	-1.645	0.420	20.47	17641	4.2	2.0	2.2	3.540
42	850+500	853+550	Ambos	8.4200E+06	95	-1.645	0.420	8.21	9827	4.2	2.0	2.2	4.300
43	853+550	854+600	Ambos	8.4200E+06	95	-1.645	0.420	13.79	13697	4.2	2.0	2.2	3.850
44	854+600	863+350	Ambos	8.4200E+06	95	-1.645	0.420	9.48	10777	4.2	2.0	2.2	4.170
45	863+350	867+350	Ambos	8.4200E+06	95	-1.645	0.420	5.02	7178	4.2	2.0	2.2	4.750
46	867+350	872+750	Ambos	8.4200E+06	95	-1.645	0.420	14.13	13914	4.2	2.0	2.2	3.830
47	872+750	886+600	Ambos	8.4200E+06	95	-1.645	0.420	7.79	9508	4.2	2.0	2.2	4.340

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(PAVIMENTOS FLEXIBLES)

SECCION HOMOGENEA			Sentido	TRANSITO N _p = N _{8,2}	R (%)	ZR	So	CBR	MR	Po	Pt	ΔPSI	SN
N°	Del Km.	Al Km.											Requerido
				2.5200E+07									
1	736+600	742+150	Ambos	2.5200E+07	95	-1.645	0.420	17.93	16205	4.2	2.0	2.2	4.260
2	742+150	744+400	Ambos	2.5200E+07	95	-1.645	0.420	8.71	10209	4.2	2.0	2.2	4.940
3	744+400	744+900	Ambos	2.5200E+07	95	-1.645	0.420	5.16	7299	4.2	2.0	2.2	5.470
4	744+900	746+900	Ambos	2.5200E+07	95	-1.645	0.420	24.38	19730	4.2	2.0	2.2	3.990
5	746+900	748+150	Ambos	2.5200E+07	95	-1.645	0.420	18.54	16556	4.2	2.0	2.2	4.230
6	748+150	756+650	Ambos	2.5200E+07	95	-1.645	0.420	18.77	16688	4.2	2.0	2.2	4.220
7	756+650	758+250	Ambos	2.5200E+07	95	-1.645	0.420	16.45	15338	4.2	2.0	2.2	4.340
8	758+250	759+150	Ambos	2.5200E+07	95	-1.645	0.420	14.89	14387	4.2	2.0	2.2	4.430
9	759+150	763+250	Ambos	2.5200E+07	95	-1.645	0.420	19.62	17171	4.2	2.0	2.2	4.180
10	763+250	769+850	Ambos	2.5200E+07	95	-1.645	0.420	16.09	15120	4.2	2.0	2.2	4.360
				2.8800E+07									
11	769+850	771+050	Ambos	2.8800E+07	95	-1.645	0.420	8.47	10028	4.2	2.0	2.2	5.050
12	771+050	773+750	Ambos	2.8800E+07	95	-1.645	0.420	13.25	13354	4.2	2.0	2.2	4.620
13	773+750	779+050	Ambos	2.8800E+07	95	-1.645	0.420	9.75	10974	4.2	2.0	2.2	4.910
14	779+050	783+250	S-N	2.8800E+07	95	-1.645	0.420	7.13	8982	4.2	2.0	2.2	5.230
			N-S	2.8800E+07	95	-1.645	0.420	6.89	8790	4.2	2.0	2.2	5.260
15	783+250	785+650	S-N	2.8800E+07	95	-1.645	0.420	12.14	12630	4.2	2.0	2.2	4.700
			N-S	2.8800E+07	95	-1.645	0.420	12.90	13128	4.2	2.0	2.2	4.640
16	785+650	788+050	S-N	2.8800E+07	95	-1.645	0.420	10.28	11354	4.2	2.0	2.2	4.860
			N-S	2.8800E+07	95	-1.645	0.420	10.09	11220	4.2	2.0	2.2	4.880
				4.2300E+07									
17	788+050	789+250	S-N	4.2300E+07	95	-1.645	0.420	14.88	14381	4.2	2.0	2.2	4.760
			N-S	4.2300E+07	95	-1.645	0.420	16.17	15168	4.2	2.0	2.2	4.680
18	789+250	791+450	S-N	4.2300E+07	95	-1.645	0.420	14.95	14430	4.2	2.0	2.2	4.750
			N-S	4.2300E+07	95	-1.645	0.420	7.48	9262	4.2	2.0	2.2	5.450
19	791+450	794+650	S-N	4.2300E+07	95	-1.645	0.420	6.04	8080	4.2	2.0	2.2	5.680
			N-S	4.2300E+07	95	-1.645	0.420	6.16	8181	4.2	2.0	2.2	5.660
20	794+650	795+550	S-N	4.2300E+07	95	-1.645	0.420	10.96	11828	4.2	2.0	2.2	5.060
			N-S	4.2300E+07	95	-1.645	0.420	10.97	11834	4.2	2.0	2.2	5.050
				2.7400E+07									
21	795+550	797+350	S-N	2.7400E+07	95	-1.645	0.420	5.10	7246	4.2	2.0	2.2	5.550
			N-S	2.7400E+07	95	-1.645	0.420	5.02	7173	4.2	2.0	2.2	5.560
22	797+350	799+350	Ambos	2.7400E+07	95	-1.645	0.420	9.00	10424	4.2	2.0	2.2	4.960
				1.6300E+07									
23	799+350	804+300	Ambos	1.6300E+07	95	-1.645	0.420	6.65	8587	4.2	2.0	2.2	4.910
24	804+300	805+200	Ambos	1.6300E+07	95	-1.645	0.420	12.18	12653	4.2	2.0	2.2	4.340
25	805+200	807+350	Ambos	1.6300E+07	95	-1.645	0.420	5.78	7851	4.2	2.0	2.2	5.050
26	807+350	812+550	Ambos	1.6300E+07	95	-1.645	0.420	10.23	11319	4.2	2.0	2.2	4.500
27	812+550	815+300	Ambos	1.6300E+07	95	-1.645	0.420	13.79	13700	4.2	2.0	2.2	4.230
28	815+300	816+800	Ambos	1.6300E+07	95	-1.645	0.420	8.81	10284	4.2	2.0	2.2	4.640
29	816+800	820+250	Ambos	1.6300E+07	95	-1.645	0.420	14.22	13971	4.2	2.0	2.2	4.210
30	820+250	820+750	Ambos	1.6300E+07	95	-1.645	0.420	6.58	8531	4.2	2.0	2.2	4.920
31	820+750	825+850	Ambos	1.6300E+07	95	-1.645	0.420	11.56	12240	4.2	2.0	2.2	4.390
32	825+850	827+050	Ambos	1.6300E+07	95	-1.645	0.420	6.30	8295	4.2	2.0	2.2	4.970
33	827+050	828+900	Ambos	1.6300E+07	95	-1.645	0.420	7.45	9237	4.2	2.0	2.2	4.800
34	828+900	829+200	Ambos	1.6300E+07	95	-1.645	0.420	4.86	7032	4.2	2.0	2.2	5.230
35	829+200	830+450	Ambos	1.6300E+07	95	-1.645	0.420	8.10	9747	4.2	2.0	2.2	4.720
36	830+450	831+750	Ambos	1.6300E+07	95	-1.645	0.420	10.67	11626	4.2	2.0	2.2	4.460
37	831+750	834+750	Ambos	1.6300E+07	95	-1.645	0.420	9.18	10561	4.2	2.0	2.2	4.600
38	834+750	835+900	Ambos	1.6300E+07	95	-1.645	0.420	14.23	13979	4.2	2.0	2.2	4.200
39	835+900	839+350	Ambos	1.6300E+07	95	-1.645	0.420	7.12	8977	4.2	2.0	2.2	4.850
40	839+350	842+950	Ambos	1.6300E+07	95	-1.645	0.420	11.75	12363	4.2	2.0	2.2	4.380
41	842+950	850+500	Ambos	1.6300E+07	95	-1.645	0.420	20.47	17641	4.2	2.0	2.2	3.890
42	850+500	853+550	Ambos	1.6300E+07	95	-1.645	0.420	8.21	9827	4.2	2.0	2.2	4.710
43	853+550	854+600	Ambos	1.6300E+07	95	-1.645	0.420	13.79	13697	4.2	2.0	2.2	4.230
44	854+600	863+350	Ambos	1.6300E+07	95	-1.645	0.420	9.48	10777	4.2	2.0	2.2	4.570
45	863+350	867+350	Ambos	1.6300E+07	95	-1.645	0.420	5.02	7178	4.2	2.0	2.2	5.200
46	867+350	872+750	Ambos	1.6300E+07	95	-1.645	0.420	14.13	13914	4.2	2.0	2.2	4.210
47	872+750	886+600	Ambos	1.6300E+07	95	-1.645	0.420	7.79	9508	4.2	2.0	2.2	4.760

