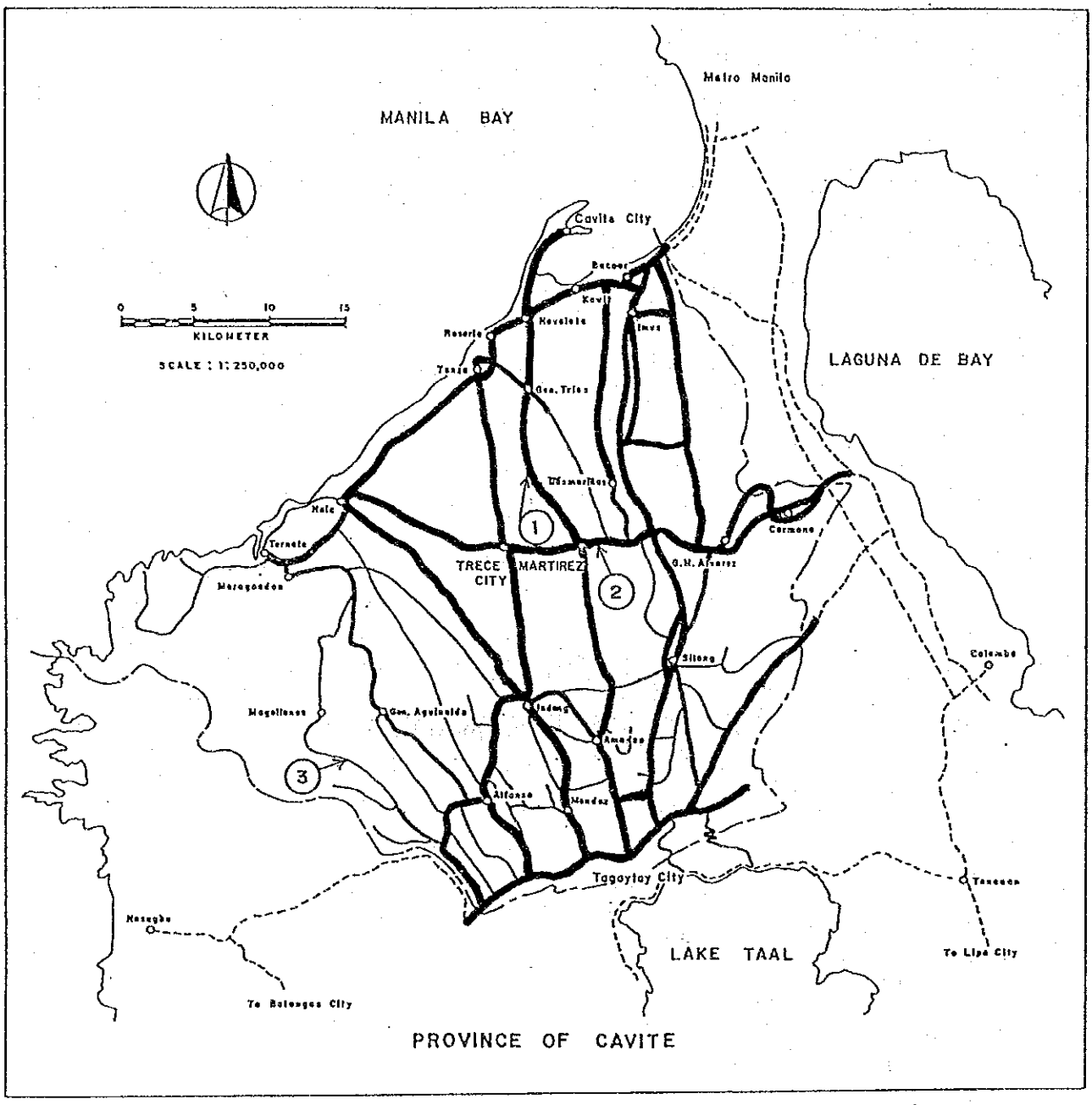
A P P E N D I X

APPENDIX I
LOADOMETER SURVEY



APPENDIX 1.1 LOADOMETER SURVEY STATION

AXLE LOAD DISTRIBUTION (Station-1 , Bus)

Number of Vehicles Weighed = 4

Axle Load		Single Axle		Tandem Axle	
(kips)	(kg)	No.of Axles	18-kip ESALs	No.of Axles	18-kip ESALs
2	.454- 1.361	-	-	-	-
4	1.361- 2.268	4	.01	-	-
6	2.268- 3.175	-	-	-	-
8	3.175- 4.082	4	.14	-	-
10	4.082- 4.990	-	-	-	-
12	4.990- 5.897	-	-	-	-
14	5.897- 6.804	-	-	-	-
16	6.804- 7.711	-	-	-	-
18	7.711- 8.618	-	-	-	-
20	8.618- 9.525	-	-	-	-
22	9.525-10.433	-	-	-	-
24	10.433-11.340	-	-	-	-
26	11.340-12.247	-	-	-	-
28	12.247-13.154	-	-	-	-
30	13.154-14.061	-	-	-	-
32	14.061-14.969	-	-	-	-
34	14.969-15.876	-	-	-	-
36	15.876-16.783	-	-	-	-
38	16.783-17.690	-	-	-	-
40	17.690-18.597	-	-	-	-
42	18.597-19.504	-	-	-	-
44	19.504-20.412	-	-	-	-
46	20.412-21.319	-	-	-	-
48	21.319-22.226	-	-	-	-
50	22.226-23.133	-	-	-	-
52	23.133-24.040	-	-	-	-
54	24.040-24.948	-	-	-	-
56	24.948-25.855	-	-	-	-
58	25.855-26.762	-	-	-	-
60	26.762-27.669	-	-	-	-
62	27.669-28.576	-	-	-	-
64	28.576-29.483	-	-	-	-
66	29.483-30.391	-	-	-	-
68	30.391-31.298	-	-	-	-
70	31.298-32.205	-	-	-	-
72	32.205-33.112	-	-	-	-
74	33.112-34.019	-	-	-	-
76	34.019-34.927	-	-	-	-
78	34.927-35.834	-	-	-	-
80	35.834-36.741	-	-	-	-
82	36.741-37.648	-	-	-	-
84	37.648-38.555	-	-	-	-
86	38.555-39.463	-	-	-	-
88	39.463-40.370	-	-	-	-
90	40.370-41.277	-	-	-	-
	Total	8	.15	-	-

Load Factor= .038

Note : Equivalency factor for flexible pavement,pt=2,SN=2
ADT in Station-1 = 654

AXLE LOAD DISTRIBUTION (Station-1 , Truck)

Number of Vehicles Weighed = 161

Axle Load (kips)	Axle Load (kg)	Single Axle No.of Axles	Single Axle 18-kip ESALs	Tandem Axle No.of Axles	Tandem Axle 18-kip ESALs
2	.454- 1.361	13	.00	-	-
4	1.361- 2.268	69	.21	-	-
6	2.268- 3.175	67	.80	-	-
8	3.175- 4.082	37	1.29	-	-
10	4.082- 4.990	39	3.32	-	-
12	4.990- 5.897	23	4.07	-	-
14	5.897- 6.804	10	3.38	3	.09
16	6.804- 7.711	11	6.58	3	.14
18	7.711- 8.618	3	3.00	6	.46
20	8.618- 9.525	2	3.18	-	-
22	9.525-10.433	6	14.64	1	.17
24	10.433-11.340	10	36.20	-	-
26	11.340-12.247	4	20.84	-	-
28	12.247-13.154	1	7.31	1	.47
30	13.154-14.061	1	10.00	-	-
32	14.061-14.969	1	13.50	-	-
34	14.969-15.876	-	-	-	-
36	15.876-16.783	-	-	-	-
38	16.783-17.690	-	-	4	7.00
40	17.690-18.597	-	-	3	6.57
42	18.597-19.504	-	-	2	5.46
44	19.504-20.412	-	-	-	-
46	20.412-21.319	-	-	-	-
48	21.319-22.226	-	-	1	4.98
50	22.226-23.133	-	-	1	5.99
52	23.133-24.040	-	-	-	-
54	24.040-24.948	-	-	-	-
56	24.948-25.855	-	-	-	-
58	25.855-26.762	-	-	-	-
60	26.762-27.669	-	-	-	-
62	27.669-28.576	-	-	-	-
64	28.576-29.483	-	-	-	-
66	29.483-30.391	-	-	-	-
68	30.391-31.298	-	-	-	-
70	31.298-32.205	-	-	-	-
72	32.205-33.112	-	-	-	-
74	33.112-34.019	-	-	-	-
76	34.019-34.927	-	-	-	-
78	34.927-35.834	-	-	-	-
80	35.834-36.741	-	-	-	-
82	36.741-37.648	-	-	-	-
84	37.648-38.555	-	-	-	-
86	38.555-39.463	-	-	-	-
88	39.463-40.370	-	-	-	-
90	40.370-41.277	-	-	-	-
	Total	297	128.32	25	31.33

Load Factor= .992

Note : Equivalency factor for flexible pavement,pt=2,SN=2
ADT in Station-1 = 654

AXLE LOAD DISTRIBUTION (Station-2 , Bus)

Number of Vehicles Weighed = 49

Axle Load		Single Axle		Tandem Axle	
(kips)	(kg)	No.of Axles	18-kip ESALs	No.of Axles	18-kip ESALs
2	.454- 1.361	-	-	-	-
4	1.361- 2.268	5	.02	-	-
6	2.268- 3.175	36	.43	-	-
8	3.175- 4.082	18	.63	-	-
10	4.082- 4.990	22	1.87	-	-
12	4.990- 5.897	9	1.59	-	-
14	5.897- 6.804	-	-	-	-
16	6.804- 7.711	-	-	-	-
18	7.711- 8.618	2	2.00	-	-
20	8.618- 9.525	4	6.36	-	-
22	9.525-10.433	-	-	-	-
24	10.433-11.340	1	3.62	-	-
26	11.340-12.247	-	-	-	-
28	12.247-13.154	-	-	-	-
30	13.154-14.061	-	-	-	-
32	14.061-14.969	1	13.50	-	-
34	14.969-15.876	-	-	-	-
36	15.876-16.783	-	-	-	-
38	16.783-17.690	-	-	-	-
40	17.690-18.597	-	-	-	-
42	18.597-19.504	-	-	-	-
44	19.504-20.412	-	-	-	-
46	20.412-21.319	-	-	-	-
48	21.319-22.226	-	-	-	-
50	22.226-23.133	-	-	-	-
52	23.133-24.040	-	-	-	-
54	24.040-24.948	-	-	-	-
56	24.948-25.855	-	-	-	-
58	25.855-26.762	-	-	-	-
60	26.762-27.669	-	-	-	-
62	27.669-28.576	-	-	-	-
64	28.576-29.483	-	-	-	-
66	29.483-30.391	-	-	-	-
68	30.391-31.298	-	-	-	-
70	31.298-32.205	-	-	-	-
72	32.205-33.112	-	-	-	-
74	33.112-34.019	-	-	-	-
76	34.019-34.927	-	-	-	-
78	34.927-35.834	-	-	-	-
80	35.834-36.741	-	-	-	-
82	36.741-37.648	-	-	-	-
84	37.648-38.555	-	-	-	-
86	38.555-39.463	-	-	-	-
88	39.463-40.370	-	-	-	-
90	40.370-41.277	-	-	-	-
	Total	98	30.02	-	-

Load Factor= .613

Note : Equivalency factor for flexible pavement,pt=2,SN=2
ADT in Station-2 = 2068

AXLE LOAD DISTRIBUTION (Station-2 , Truck)

Number of Vehicles Weighed = 273

Axle Load		Single Axle		Tandem Axle	
(kips)	(kg)	No.of Axles	18-kip ESALs	No.of Axles	18-kip ESALs
2	.454- 1.361	22	.00	-	-
4	1.361- 2.268	88	.26	-	-
6	2.268- 3.175	96	1.15	-	-
8	3.175- 4.082	88	3.08	-	-
10	4.082- 4.990	77	6.55	-	-
12	4.990- 5.897	36	6.37	10	.16
14	5.897- 6.804	17	5.75	14	.41
16	6.804- 7.711	10	5.98	8	.38
18	7.711- 8.618	10	10.00	2	.15
20	8.618- 9.525	5	7.95	3	.35
22	9.525-10.433	8	19.52	2	.34
24	10.433-11.340	17	61.54	1	.24
26	11.340-12.247	4	20.84	-	-
28	12.247-13.154	1	7.31	-	-
30	13.154-14.061	1	10.00	-	-
32	14.061-14.969	1	13.50	-	-
34	14.969-15.876	1	17.90	-	-
36	15.876-16.783	-	-	6	8.28
38	16.783-17.690	-	-	3	5.25
40	17.690-18.597	-	-	3	6.57
42	18.597-19.504	-	-	-	-
44	19.504-20.412	-	-	2	6.72
46	20.412-21.319	-	-	2	8.22
48	21.319-22.226	-	-	3	14.94
50	22.226-23.133	-	-	1	5.99
52	23.133-24.040	-	-	-	-
54	24.040-24.948	-	-	2	17.02
56	24.948-25.855	-	-	-	-
58	25.855-26.762	-	-	-	-
60	26.762-27.669	-	-	2	27.60
62	27.669-28.576	-	-	-	-
64	28.576-29.483	-	-	-	-
66	29.483-30.391	-	-	-	-
68	30.391-31.298	-	-	-	-
70	31.298-32.205	-	-	-	-
72	32.205-33.112	-	-	-	-
74	33.112-34.019	-	-	1	36.40
76	34.019-34.927	-	-	-	-
78	34.927-35.834	-	-	-	-
80	35.834-36.741	-	-	-	-
82	36.741-37.648	-	-	-	-
84	37.648-38.555	-	-	-	-
86	38.555-39.463	-	-	-	-
88	39.463-40.370	-	-	-	-
90	40.370-41.277	-	-	-	-
	Total	482	197.70	65	139.03

Load Factor=1.233

Note : Equivalency factor for flexible pavement,pt=2,SN=2
ADT in Station-2 = 2068

AXLE LOAD DISTRIBUTION (Station-3 , Truck)

Number of Vehicles Weighed = 10

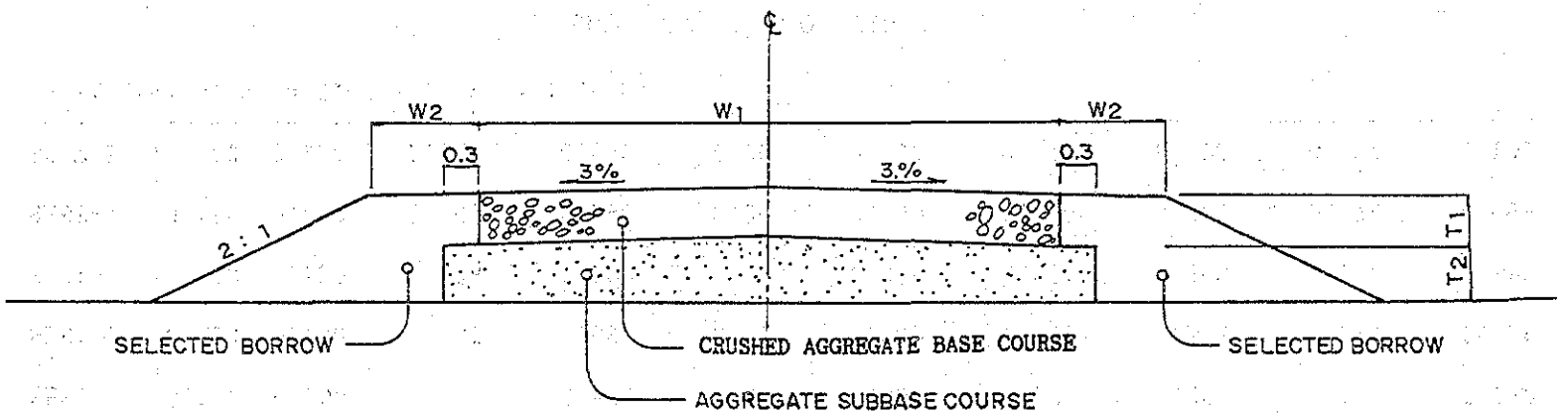
Axle Load (kips)	Axle Load (kg)	Single Axle No.of Axles	Single Axle 18-kip ESALs	Tandem Axle No.of Axles	Tandem Axle 18-kip ESALs
2	.454- 1.361	3	.00	-	-
4	1.361- 2.268	5	.02	-	-
6	2.268- 3.175	1	.01	-	-
8	3.175- 4.082	5	.17	-	-
10	4.082- 4.990	4	.34	-	-
12	4.990- 5.897	-	-	-	-
14	5.897- 6.804	-	-	-	-
16	6.804- 7.711	-	-	1	.05
18	7.711- 8.618	-	-	-	-
20	8.618- 9.525	-	-	-	-
22	9.525-10.433	1	2.44	-	-
24	10.433-11.340	-	-	-	-
26	11.340-12.247	-	-	-	-
28	12.247-13.154	-	-	-	-
30	13.154-14.061	-	-	-	-
32	14.061-14.969	-	-	-	-
34	14.969-15.876	-	-	-	-
36	15.876-16.783	-	-	-	-
38	16.783-17.690	-	-	-	-
40	17.690-18.597	-	-	-	-
42	18.597-19.504	-	-	-	-
44	19.504-20.412	-	-	-	-
46	20.412-21.319	-	-	-	-
48	21.319-22.226	-	-	-	-
50	22.226-23.133	-	-	-	-
52	23.133-24.040	-	-	-	-
54	24.040-24.948	-	-	-	-
56	24.948-25.855	-	-	-	-
58	25.855-26.762	-	-	-	-
60	26.762-27.669	-	-	-	-
62	27.669-28.576	-	-	-	-
64	28.576-29.483	-	-	-	-
66	29.483-30.391	-	-	-	-
68	30.391-31.298	-	-	-	-
70	31.298-32.205	-	-	-	-
72	32.205-33.112	-	-	-	-
74	33.112-34.019	-	-	-	-
76	34.019-34.927	-	-	-	-
78	34.927-35.834	-	-	-	-
80	35.834-36.741	-	-	-	-
82	36.741-37.648	-	-	-	-
84	37.648-38.555	-	-	-	-
86	38.555-39.463	-	-	-	-
88	39.463-40.370	-	-	-	-
90	40.370-41.277	-	-	-	-
	Total	19	2.98	1	.05

Load Factor= .303

Note : Equivalency factor for flexible pavement,pt=2,SN=2
ADT in Station-3 = 106

APPENDIX II

CROSS-SECTION OF STANDARD PAVEMENT STRUCTURE

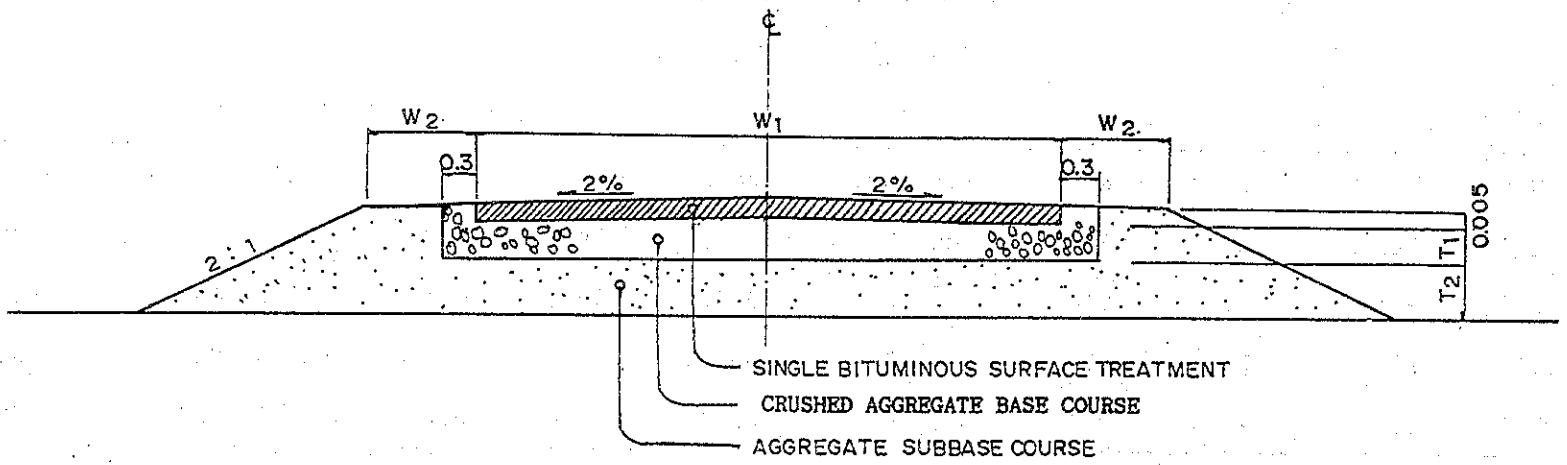


Option	Thickness (m)		Quantity* (m^3/m)			Cost* (Mp/Km)				
	T1	T2	Borrow	Subbase	Surface	Subgrade Preparation	Borrow	Subbase	Surface	Total
GR-1	0.100	0.100	0.420	0.660	0.60	0.050	0.046	0.149	0.183	0.428
GR-2	0.150	0.100	0.565	0.660	0.90	0.050	0.062	0.149	0.275	0.536
GR-3	0.150	0.150	0.690	0.990	0.90	0.050	0.076	0.223	0.275	0.624
GR-4	0.150	0.200	0.825	1.320	0.90	0.050	0.091	0.297	0.275	0.713
GR-5	0.150	0.250	0.970	1.650	0.90	0.050	0.108	0.371	0.275	0.804

* In case of W1 = 6.00 m , W2 = 1.00 m

STANDARD PAVEMENT STRUCTURE

Crushed Aggregate Surface Course

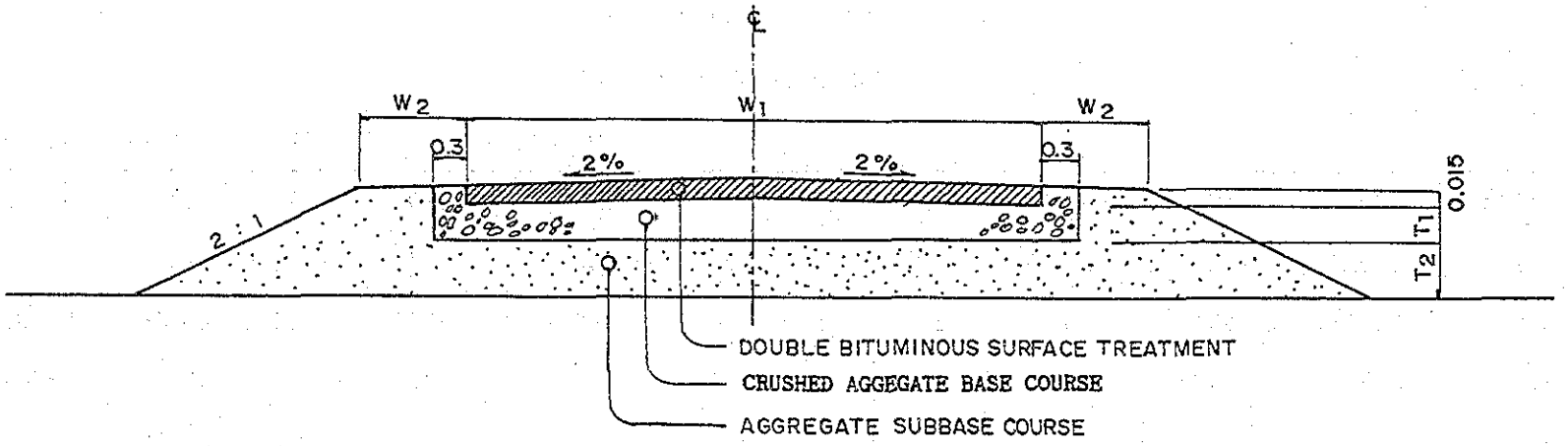


Option	Thickness (m)		Quantity* (m^3/m)			Cost* (Mp/Km)				
	T1	T2	Subbase	Base	SBST (m^2/m)	Subgrade Preparation	Subbase	Base	SBST	Total
SBST-1	0.100	0.100	1.031	0.663	6.00	0.050	0.232	0.202	0.174	0.658
SBST-2	0.150	0.100	1.147	0.993	6.00	0.050	0.258	0.303	0.174	0.785
SBST-3	0.150	0.150	1.603	0.993	6.00	0.050	0.361	0.303	0.174	0.885
SBST-4	0.150	0.200	2.069	0.993	6.00	0.050	0.466	0.303	0.174	0.993
SBST-5	0.150	0.250	2.545	0.993	6.00	0.050	0.573	0.303	0.174	1.100

* In case of W1 = 6.00 m , W2 = 1.00 m

STANDARD PAVEMENT STRUCTURE

Single Bituminous Surface Treatment

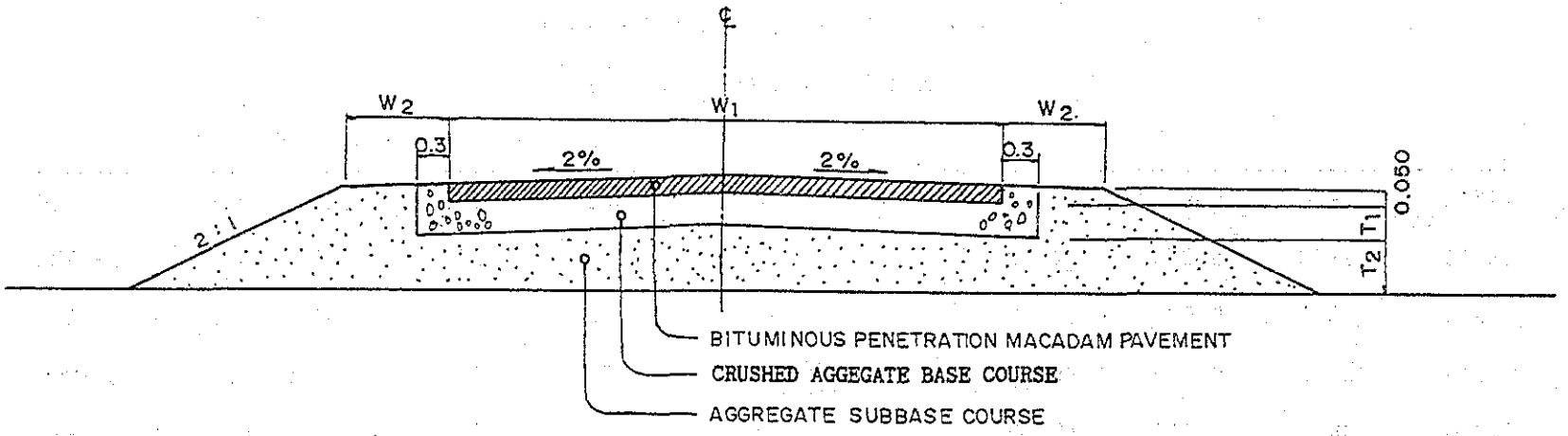


Option	Thickness (m)		Quantity* (m^3/m)			Cost* (Mp/Km)				
	T1	T2	Subbase	Base	DBST (m^2/m)	Subgrade Preparation	Subbase	Base	DBST	Total
DBST-1	0.100	0.100	1.053	0.669	6.00	0.050	0.237	0.204	0.350	0.841
DBST-2	0.150	0.100	1.171	0.999	6.00	0.050	0.263	0.305	0.350	0.968
DBST-3	0.150	0.150	1.629	0.999	6.00	0.050	0.367	0.305	0.350	1.072
DBST-4	0.150	0.200	2.097	0.999	6.00	0.050	0.472	0.305	0.350	1.177
DBST-5	0.150	0.250	2.575	0.999	6.00	0.050	0.579	0.305	0.350	1.284

* In case of W1 = 6.00 m , W2 = 1.00 m

STANDARD PAVEMENT STRUCTURE

Double Bituminous Surface Treatment

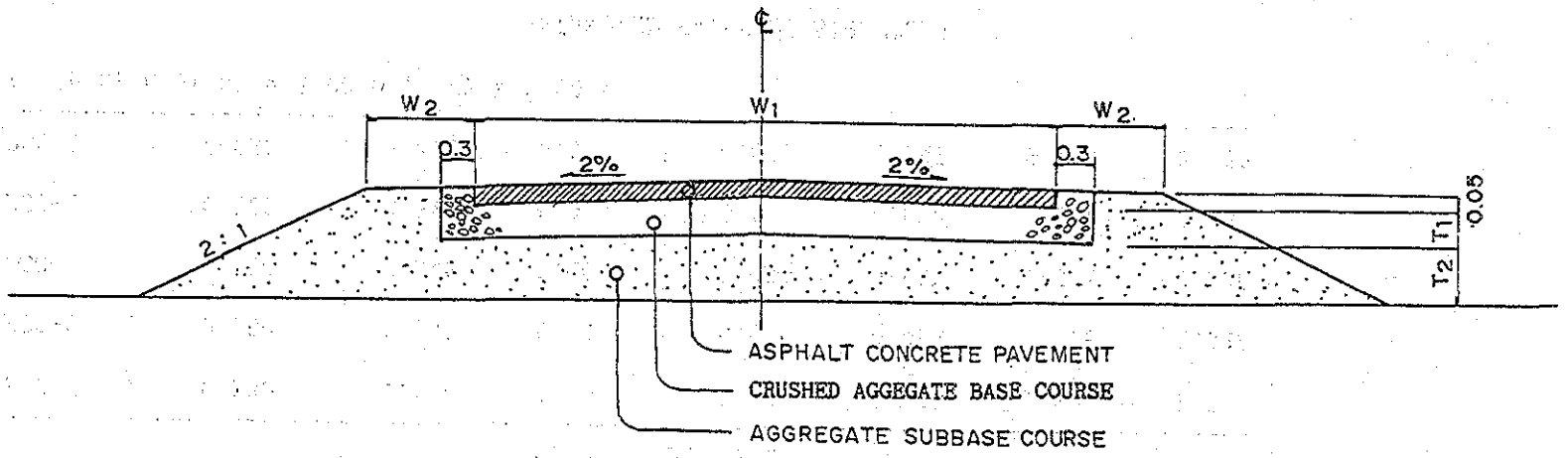


Option	Thickness (m)		Quantity* (m^3/m)			Cost* (MP/Km)				
	T1	T2	Subbase	Base	BMP (m^2/m)	Subgrade Preparation	Subbase	Base	BMP	Total
BMP-1	0.100	0.100	1.135	0.690	6.00	0.050	0.255	0.210	0.650	1.165
BMP-2	0.150	0.100	1.260	1.020	6.00	0.050	0.284	0.311	0.650	1.295
BMP-3	0.150	0.150	1.725	1.020	6.00	0.050	0.388	0.311	0.650	1.399
BMP-4	0.150	0.200	2.200	1.020	6.00	0.050	0.495	0.311	0.650	1.506
BMP-5	0.150	0.250	2.685	1.020	6.00	0.050	0.604	0.311	0.650	1.615

* In case of W1 = 6.00 m , W2 = 1.00 m

STANDARD PAVEMENT STRUCTURE

Bituminous Penetration Macadam Pavement

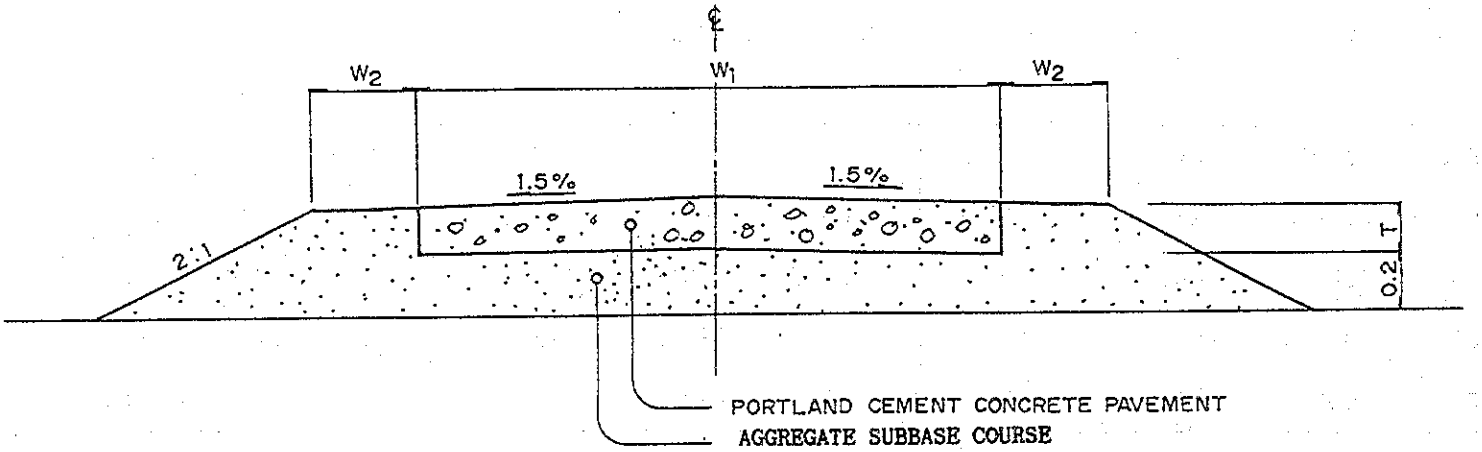


Option	Thickness (m)		Quantity* (m^3/m)			Cost* (Mp/Km)				
	T1	T2	Subbase	Base	AC (m^2/m)	Subgrade Preparation	Subbase	Base	AC	Total
AC-1	0.100	0.100	1.135	0.655	6.00	0.050	0.255	0.200	0.971	1.476
AC-2	0.150	0.150	1.725	0.985	6.00	0.050	0.388	0.300	0.971	1.709
AC-3	0.200	0.200	2.355	1.315	6.00	0.050	0.530	0.401	0.971	1.952
AC-4	0.250	0.250	3.025	1.645	6.00	0.050	0.681	0.502	0.971	2.204
AC-5	0.300	0.300	3.735	1.975	6.00	0.050	0.840	0.602	0.971	2.463

* In case of W1 = 6.00 m , W2 = 1.00 m

STANDARD PAVEMENT STRUCTURE

Asphalt Concrete Pavement



Option	Thickness (m) T	Quantity* (m^3/m) Subbase	PCC (m2/m)	Cost* (Mp/Km) Subgrade Preparation	Subbase	PCC	Total
PCC-1	0.130	2.078	6.00	0.050	0.468	1.209	1.727
PCC-2	0.150	2.145	6.00	0.050	0.483	1.395	1.928
PCC-3	0.180	2.249	6.00	0.050	0.506	1.674	2.230
PCC-4	0.200	2.320	6.00	0.050	0.522	1.860	2.432
PCC-5	0.230	2.430	6.00	0.050	0.547	2.139	2.736

* In case of W1 = 6.00 m , W2 = 1.00 m

STANDARD PAVEMENT STRUCTURE

Portland Cement Concrete Pavement

APPENDIX III

PERFORMANCE PERIOD AND LIFE CYCLE COST OF STANDARD DESIGN

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : GR

CBR	ESAL (1000)	GR-1		GR-2		GR-3		GR-4		GR-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
2	.6	-	-	3.04	1.070	3.78	1.145	4.46	1.199	5.08	1.258	GR-2	3.04	1.070
2	1.3	-	-	-	-	2.47	1.260	2.96	1.355	3.40	1.403	GR-3	2.47	1.260
2	2.2	-	-	-	-	-	-	2.12	1.417	2.43	1.515	GR-4	2.12	1.417
3	.6	2.03	1.008	3.84	1.055	4.68	1.101	5.45	1.162	6.16	1.231	GR-1	2.03	1.008
3	1.3	-	-	2.59	1.173	3.22	1.221	3.78	1.311	4.34	1.356	GR-2	2.59	1.173
3	2.2	-	-	-	-	2.36	1.341	2.84	1.404	3.28	1.455	GR-3	2.36	1.341
3	3.0	-	-	-	-	-	-	2.30	1.471	2.65	1.553	GR-4	2.30	1.471
4	.6	2.20	.985	4.16	1.020	5.11	1.080	5.95	1.161	6.70	1.226	GR-1	2.20	.985
4	1.3	-	-	2.93	1.172	3.61	1.206	4.22	1.269	4.76	1.352	GR-2	2.93	1.172
4	2.2	-	-	2.18	1.235	2.70	1.312	3.20	1.368	3.70	1.452	GR-2	2.18	1.235
4	3.0	-	-	-	-	2.17	1.372	2.64	1.454	3.06	1.526	GR-3	2.17	1.372
6	.6	2.38	.988	4.42	1.021	5.41	1.072	6.30	1.125	7.09	1.191	GR-1	2.38	.988
6	1.3	-	-	3.17	1.130	3.90	1.211	4.58	1.278	5.19	1.332	GR-2	3.17	1.130
6	2.2	-	-	2.40	1.240	2.99	1.320	3.52	1.385	4.05	1.433	GR-2	2.40	1.240
6	3.0	-	-	-	-	2.44	1.369	2.93	1.465	3.39	1.511	GR-3	2.44	1.369
8	.6	2.51	.995	4.69	1.010	5.68	1.084	6.63	1.133	7.46	1.187	GR-1	2.51	.995
8	1.3	-	-	3.41	1.138	4.20	1.182	4.92	1.271	5.59	1.323	GR-2	3.41	1.138
8	2.2	-	-	2.63	1.227	3.28	1.278	3.88	1.367	4.41	1.414	GR-2	2.63	1.227
8	3.0	-	-	2.17	1.285	2.73	1.371	3.24	1.418	3.73	1.502	GR-2	2.17	1.285
10	.6	2.61	.981	4.93	1.025	5.96	1.073	6.90	1.125	7.75	1.193	GR-1	2.61	.981
10	1.3	-	-	3.61	1.119	4.43	1.181	5.15	1.240	5.84	1.312	GR-2	3.61	1.119
10	2.2	-	-	2.82	1.225	3.46	1.293	4.12	1.335	4.69	1.406	GR-2	2.82	1.225
10	3.0	-	-	2.32	1.300	2.93	1.376	3.47	1.428	3.99	1.506	GR-2	2.32	1.300
15	.6	2.90	.976	5.44	.986	6.57	1.042	7.57	1.100	8.45	1.155	GR-1	2.90	.976
15	1.3	2.20	1.065	4.14	1.089	5.03	1.144	5.90	1.225	6.66	1.288	GR-1	2.20	1.065
15	2.2	-	-	3.33	1.194	4.13	1.231	4.84	1.322	5.49	1.376	GR-2	3.33	1.194
15	3.0	-	-	2.86	1.279	3.54	1.330	4.18	1.369	4.75	1.451	GR-2	2.86	1.279
20	.6	3.15	.948	5.76	.975	6.92	1.037	7.94	1.098	8.85	1.163	GR-1	3.15	.948
20	1.3	2.43	1.063	4.44	1.095	5.34	1.134	6.20	1.183	7.01	1.245	GR-1	2.43	1.063
20	2.2	-	-	3.57	1.193	4.43	1.238	5.21	1.281	5.89	1.368	GR-2	3.57	1.193
20	3.0	-	-	3.10	1.243	3.86	1.325	4.54	1.378	5.16	1.429	GR-2	3.10	1.243

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : SBST

CBR	ESAL (1000)	SBST-1		SBST-2		SBST-3		SBST-4		SBST-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
2	.6	-	-	-	-	-	-	-	-	2.80	1.869	SBST-5	2.80 *	1.869
3	.6	-	-	-	-	2.10	1.914	4.18	1.506	7.74	1.392	SBST-5	7.74	1.392
3	1.3	-	-	-	-	-	-	2.15	1.978	4.09	1.621	SBST-5	4.09	1.621
3	2.2	-	-	-	-	-	-	-	-	2.53	1.954	SBST-5	2.53	1.954
4	.6	-	-	-	-	3.45	1.516	6.75	1.323	12.14	1.302	SBST-5	12.14	1.302
4	1.3	-	-	-	-	-	-	3.54	1.608	6.61	1.436	SBST-5	6.61	1.436
4	2.2	-	-	-	-	-	-	2.19	1.963	4.15	1.618	SBST-5	4.15	1.618
4	3.0	-	-	-	-	-	-	-	-	3.02	1.810	SBST-5	3.02	1.810
6	.6	-	-	2.44	1.684	5.13	1.306	9.82	1.235	17.12	1.268	SBST-4	9.82	1.235
6	1.3	-	-	-	-	2.66	1.695	5.27	1.409	9.63	1.343	SBST-5	9.63	1.343
6	2.2	-	-	-	-	-	-	3.28	1.638	6.14	1.455	SBST-5	6.14	1.455
6	3.0	-	-	-	-	-	-	2.38	1.903	4.51	1.578	SBST-5	4.51	1.578
6	5.5	-	-	-	-	-	-	-	-	2.54	1.954	SBST-5	2.54	1.954
8	.6	-	-	3.44	1.413	7.12	1.201	13.30	1.185	22.45	1.253	SBST-4	13.30	1.185
8	1.3	-	-	-	-	3.74	1.467	7.30	1.296	13.06	1.293	SBST-5	13.06	1.293
8	2.2	-	-	-	-	2.31	1.815	4.60	1.468	8.48	1.369	SBST-5	8.48	1.369
8	3.0	-	-	-	-	-	-	3.36	1.630	6.28	1.448	SBST-5	6.28	1.448
8	5.5	-	-	-	-	-	-	-	-	3.57	1.715	SBST-5	3.57	1.715
8	8.0	-	-	-	-	-	-	-	-	2.49	1.977	SBST-5	2.49	1.977
10	.6	-	-	4.61	1.260	9.37	1.136	17.08	1.161	27.94	1.245	SBST-3	9.37	1.136
10	1.3	-	-	2.38	1.695	5.01	1.314	9.61	1.236	16.78	1.271	SBST-4	9.61	1.236
10	2.2	-	-	-	-	3.12	1.576	6.13	1.348	11.10	1.315	SBST-5	11.10	1.315
10	3.0	-	-	-	-	2.26	1.828	4.50	1.471	8.30	1.374	SBST-5	8.30	1.374
10	5.5	-	-	-	-	-	-	2.53	1.848	4.78	1.565	SBST-5	4.78	1.565
10	8.0	-	-	-	-	-	-	-	-	3.36	1.737	SBST-5	3.36	1.737
10	11.0	-	-	-	-	-	-	-	-	2.47	1.990	SBST-5	2.47	1.990
15	.6	4.76	1.127	10.74	1.011	20.21	1.046	33.38	1.134	49.26	1.233	SBST-2	10.74	1.011
15	1.3	2.46	1.552	5.80	1.169	11.59	1.099	20.65	1.150	32.90	1.241	SBST-3	11.59	1.099
15	2.2	-	-	3.62	1.394	7.47	1.189	13.91	1.183	23.35	1.251	SBST-4	13.91	1.183
15	3.0	-	-	2.63	1.598	5.52	1.282	10.52	1.220	18.20	1.264	SBST-4	10.52	1.220
15	5.5	-	-	-	-	3.12	1.576	6.14	1.348	11.11	1.315	SBST-5	11.11	1.315
15	8.0	-	-	-	-	2.18	1.870	4.33	1.490	8.01	1.378	SBST-5	8.01	1.378
15	11.0	-	-	-	-	-	-	3.21	1.661	6.01	1.457	SBST-5	6.01	1.457
15	14.0	-	-	-	-	-	-	2.54	1.838	4.81	1.553	SBST-5	4.81	1.553

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : SBST

CBR	ESAL (1000)	SBST-1		SBST-2		SBST-3		SBST-4		SBST-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
20	.6	7.64	.956	16.47	.957	29.22	1.032	45.37	1.129	63.43	1.230	SBST-1	7.64	.956
20	1.3	4.04	1.192	9.23	1.034	17.67	1.055	29.78	1.136	44.80	1.235	SBST-2	9.23	1.034
20	2.2	2.50	1.535	5.87	1.166	11.74	1.099	20.88	1.150	33.21	1.240	SBST-3	11.74	1.099
20	3.0	-	-	4.31	1.282	8.80	1.154	16.15	1.165	26.61	1.246	SBST-3	8.80	1.154
20	5.5	-	-	2.42	1.685	5.08	1.311	9.74	1.235	16.99	1.271	SBST-4	9.74	1.235
20	8.0	-	-	-	-	3.57	1.503	6.99	1.320	12.53	1.301	SBST-5	12.53	1.301
20	11.0	-	-	-	-	2.64	1.701	5.22	1.410	9.55	1.346	SBST-5	9.55	1.346
20	14.0	-	-	-	-	2.09	1.917	4.17	1.506	7.72	1.398	SBST-5	7.72	1.398

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : DBST

CBR	ESAL (1000)	DBST-1		DBST-2		DBST-3		DBST-4		DBST-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
2	.6	-	-	-	-	-	-	2.33	2.587	4.28	2.004	DBST-5	4.28	2.004
2	1.3	-	-	-	-	-	-	-	-	2.21	2.755	DBST-5	2.21	2.755
3	.6	-	-	-	-	3.44	2.006	6.51	1.647	11.42	1.540	DBST-5	11.42	1.540
3	1.3	-	-	-	-	-	-	3.41	2.123	6.19	1.770	DBST-5	6.19	1.770
3	2.2	-	-	-	-	-	-	2.10	2.740	3.88	2.114	DBST-5	3.88	2.114
3	3.0	-	-	-	-	-	-	-	-	2.82	2.447	DBST-5	2.82	2.447
4	.6	-	-	2.78	2.160	5.59	1.622	10.30	1.456	17.43	1.464	DBST-4	10.30	1.456
4	1.3	-	-	-	-	2.91	2.201	5.54	1.727	9.82	1.586	DBST-5	9.82	1.586
4	2.2	-	-	-	-	-	-	3.46	2.107	6.27	1.759	DBST-5	6.27	1.759
4	3.0	-	-	-	-	-	-	2.51	2.482	4.61	1.967	DBST-5	4.61	1.967
4	5.5	-	-	-	-	-	-	-	-	2.59	2.534	DBST-5	2.59	2.534
6	.6	-	-	4.16	1.714	8.19	1.427	14.68	1.382	23.93	1.436	DBST-4	14.68	1.382
6	1.3	-	-	2.15	2.487	4.34	1.789	8.13	1.534	14.04	1.492	DBST-5	14.04	1.492
6	2.2	-	-	-	-	2.69	2.297	5.15	1.766	9.16	1.597	DBST-5	9.16	1.597
6	3.0	-	-	-	-	-	-	3.77	2.016	6.81	1.730	DBST-5	6.81	1.730
6	5.5	-	-	-	-	-	-	2.11	2.739	3.88	2.112	DBST-5	3.88	2.112
6	8.0	-	-	-	-	-	-	-	-	2.72	2.505	DBST-5	2.72	2.505
8	.6	2.60	2.083	5.81	1.503	11.19	1.329	19.45	1.346	30.60	1.425	DBST-3	11.19	1.329
8	1.3	-	-	3.03	2.035	6.05	1.559	11.11	1.434	18.65	1.458	DBST-4	11.11	1.434
8	2.2	-	-	-	-	3.79	1.911	7.14	1.581	12.45	1.519	DBST-5	12.45	1.519
8	3.0	-	-	-	-	2.76	2.284	5.26	1.764	9.36	1.596	DBST-5	9.36	1.596
8	5.5	-	-	-	-	-	-	2.97	2.298	5.42	1.841	DBST-5	5.42	1.841
8	8.0	-	-	-	-	-	-	2.07	2.768	3.82	2.122	DBST-5	3.82	2.122
8	11.0	-	-	-	-	-	-	-	-	2.82	2.448	DBST-5	2.82	2.448
8	14.0	-	-	-	-	-	-	-	-	2.23	2.753	DBST-5	2.23	2.753
10	.6	3.50	1.757	7.69	1.361	14.48	1.277	24.44	1.327	37.22	1.420	DBST-3	14.48	1.277
10	1.3	-	-	4.06	1.748	8.01	1.433	14.38	1.383	23.49	1.437	DBST-4	14.38	1.383
10	2.2	-	-	2.51	2.273	5.06	1.670	9.40	1.489	16.03	1.471	DBST-5	16.03	1.471
10	3.0	-	-	-	-	3.71	1.928	6.99	1.619	12.21	1.520	DBST-5	12.21	1.520
10	5.5	-	-	-	-	2.07	2.664	3.99	1.996	7.19	1.688	DBST-5	7.19	1.688
10	8.0	-	-	-	-	-	-	2.79	2.348	5.11	1.879	DBST-5	5.11	1.879
10	11.0	-	-	-	-	-	-	2.06	2.808	3.79	2.123	DBST-5	3.79	2.123
10	14.0	-	-	-	-	-	-	-	-	3.01	2.358	DBST-5	3.01	2.358

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : DBST

CBR	ESAL (1000)	DBST-1		DBST-2		DBST-3		DBST-4		DBST-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
15	.6	8.32	1.188	17.02	1.148	29.17	1.216	44.39	1.311	61.38	1.411	DBST-2	17.02	1.148
15	1.3	4.42	1.547	9.57	1.271	17.64	1.252	29.01	1.320	43.04	1.417	DBST-3	17.64	1.252
15	2.2	2.74	2.054	6.10	1.455	11.71	1.324	20.27	1.341	31.71	1.424	DBST-3	11.71	1.324
15	3.0	-	-	4.48	1.667	8.78	1.413	15.65	1.371	25.31	1.431	DBST-4	15.65	1.371
15	5.5	-	-	2.52	2.273	5.07	1.670	9.41	1.489	16.05	1.471	DBST-5	16.05	1.471
15	8.0	-	-	-	-	3.57	1.984	6.74	1.624	11.80	1.535	DBST-5	11.80	1.535
15	11.0	-	-	-	-	2.63	2.308	5.03	1.779	8.97	1.618	DBST-5	8.97	1.618
15	14.0	-	-	-	-	2.08	2.662	4.01	1.958	7.24	1.687	DBST-5	7.24	1.687
20	.6	12.99	1.072	25.05	1.116	40.36	1.209	58.01	1.307	76.59	1.409	DBST-1	12.99	1.072
20	1.3	7.12	1.260	14.79	1.171	25.87	1.219	40.16	1.313	56.48	1.413	DBST-2	14.79	1.171
20	2.2	4.48	1.541	9.69	1.271	17.84	1.251	29.29	1.320	43.39	1.417	DBST-3	17.84	1.251
20	3.0	3.27	1.822	7.21	1.371	13.66	1.290	23.23	1.330	35.64	1.421	DBST-3	13.66	1.290
20	5.5	-	-	4.12	1.723	8.12	1.429	14.57	1.382	23.76	1.436	DBST-4	14.57	1.382
20	8.0	-	-	2.89	2.102	5.79	1.607	10.65	1.452	17.96	1.463	DBST-4	10.65	1.452
20	11.0	-	-	2.12	2.499	4.30	1.792	8.06	1.534	13.93	1.501	DBST-5	13.93	1.501
20	14.0	-	-	-	-	3.43	2.006	6.49	1.648	11.39	1.540	DBST-5	11.39	1.540

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : BMP

CBR	ESAL (1000)	BMP-1		BMP-2		BMP-3		BMP-4		BMP-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
2	.6	-	-	3.13	2.915	5.41	2.229	9.14	1.930	14.53	1.859	BMP-5	14.53	1.859
2	1.3	-	-	-	-	2.81	3.241	4.88	2.483	8.04	2.118	BMP-5	8.04	2.118
2	2.2	-	-	-	-	-	-	3.03	3.170	5.09	2.513	BMP-5	5.09	2.513
2	3.0	-	-	-	-	-	-	2.20	3.861	3.72	2.942	BMP-5	3.72	2.942
2	5.5	-	-	-	-	-	-	-	-	2.08	4.168	BMP-5	2.08	4.168
3	.6	4.34	2.261	8.56	1.767	14.07	1.648	22.13	1.668	32.29	1.753	BMP-3	14.07	1.648
3	1.3	2.24	3.504	4.55	2.336	7.76	1.941	12.84	1.794	19.86	1.797	BMP-4	12.84	1.794
3	2.2	-	-	2.82	3.136	4.90	2.376	8.33	1.985	13.33	1.885	BMP-5	13.33	1.885
3	3.0	-	-	2.05	3.916	3.58	2.808	6.17	2.218	10.05	1.991	BMP-5	10.05	1.991
3	5.5	-	-	-	-	2.00	4.056	3.50	2.935	5.85	2.400	BMP-5	5.85	2.400
3	8.0	-	-	-	-	-	-	2.45	3.699	4.13	2.775	BMP-5	4.13	2.775
3	11.0	-	-	-	-	-	-	-	-	3.05	3.267	BMP-5	3.05	3.267
3	14.0	-	-	-	-	-	-	-	-	2.42	3.815	BMP-5	2.42	3.815
4	.6	7.00	1.766	13.34	1.565	21.10	1.567	31.66	1.645	44.08	1.744	BMP-2	13.34	1.565
4	1.3	3.68	2.500	7.32	1.867	12.17	1.694	19.41	1.689	28.76	1.757	BMP-4	19.41	1.689
4	2.2	2.27	3.472	4.61	2.334	7.87	1.936	13.00	1.793	20.08	1.790	BMP-5	20.08	1.790
4	3.0	-	-	3.37	2.775	5.82	2.192	9.79	1.911	15.49	1.841	BMP-5	15.49	1.841
4	5.5	-	-	-	-	3.30	2.901	5.69	2.318	9.31	2.037	BMP-5	9.31	2.037
4	8.0	-	-	-	-	2.30	3.678	4.01	2.709	6.66	2.265	BMP-5	6.66	2.265
4	11.0	-	-	-	-	-	-	2.96	3.282	4.97	2.571	BMP-5	4.97	2.571
4	14.0	-	-	-	-	-	-	2.35	3.750	3.97	2.883	BMP-5	3.97	2.883
6	.6	10.18	1.540	18.70	1.486	28.49	1.542	41.05	1.638	55.06	1.739	BMP-2	18.70	1.486
6	1.3	5.47	1.993	10.62	1.656	17.16	1.601	26.40	1.651	37.67	1.748	BMP-3	17.16	1.601
6	2.2	3.41	2.643	6.81	1.940	11.37	1.728	18.25	1.698	27.23	1.759	BMP-4	18.25	1.698
6	3.0	2.48	3.337	5.02	2.201	8.52	1.876	14.00	1.769	21.47	1.783	BMP-4	14.00	1.769
6	5.5	-	-	2.83	3.135	4.91	2.360	8.34	1.985	13.34	1.885	BMP-5	13.34	1.885
6	8.0	-	-	-	-	3.45	2.856	5.95	2.268	9.71	2.021	BMP-5	9.71	2.021
6	11.0	-	-	-	-	2.54	3.449	4.43	2.583	7.32	2.187	BMP-5	7.32	2.187
6	14.0	-	-	-	-	2.01	4.049	3.52	2.930	5.88	2.400	BMP-5	5.88	2.400
8	.6	13.76	1.429	24.37	1.446	35.90	1.535	49.98	1.634	66.10	1.736	BMP-1	13.76	1.429
8	1.3	7.57	1.730	14.33	1.539	22.50	1.561	33.49	1.644	46.26	1.743	BMP-2	14.33	1.539
8	2.2	4.78	2.178	9.37	1.717	15.29	1.625	23.83	1.662	34.45	1.751	BMP-3	15.29	1.625
8	3.0	3.49	2.603	6.96	1.938	11.61	1.721	18.60	1.697	27.69	1.758	BMP-4	18.60	1.697
8	5.5	-	-	3.98	2.563	6.82	2.044	11.38	1.835	17.78	1.816	BMP-5	17.78	1.816
8	8.0	-	-	2.78	3.183	4.83	2.378	8.21	1.998	13.15	1.885	BMP-5	13.15	1.885
8	11.0	-	-	2.05	3.916	3.58	2.808	6.16	2.218	10.04	1.991	BMP-5	10.04	1.991
8	14.0	-	-	-	-	2.85	3.238	4.93	2.463	8.13	2.111	BMP-5	8.13	2.111

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : BMP

CBR	ESAL (1000)	BMP-1		BMP-2		BMP-3		BMP-4		BMP-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
10	.6	17.63	1.366	30.15	1.437	43.11	1.531	58.34	1.631	74.23	1.734	BMP-1	17.63	1.366
10	1.3	9.95	1.569	18.33	1.487	28.00	1.543	40.44	1.638	54.36	1.740	BMP-2	18.33	1.487
10	2.2	6.36	1.853	12.21	1.590	19.48	1.582	29.53	1.647	41.51	1.746	BMP-3	19.48	1.582
10	3.0	4.68	2.199	9.18	1.718	15.00	1.626	23.43	1.662	33.95	1.751	BMP-3	15.00	1.626
10	5.5	2.63	3.127	5.31	2.174	8.99	1.856	14.71	1.749	22.46	1.777	BMP-4	14.71	1.749
10	8.0	-	-	3.74	2.621	6.43	2.086	10.76	1.866	16.90	1.827	BMP-5	16.90	1.827
10	11.0	-	-	2.76	3.217	4.79	2.411	8.15	2.002	13.06	1.886	BMP-5	13.06	1.886
10	14.0	-	-	2.19	3.684	3.82	2.697	6.56	2.172	10.66	1.976	BMP-5	10.66	1.976
15	.6	34.26	1.304	52.24	1.425	68.61	1.523	86.28	1.625	103.68	1.730	BMP-1	34.26	1.304
15	1.3	21.29	1.333	35.34	1.433	49.34	1.528	65.37	1.629	81.77	1.733	BMP-1	21.29	1.333
15	2.2	14.38	1.409	25.32	1.442	37.11	1.535	51.41	1.633	66.67	1.736	BMP-1	14.38	1.409
15	3.0	10.89	1.517	19.85	1.477	30.04	1.540	42.95	1.637	57.21	1.739	BMP-2	19.85	1.477
15	5.5	6.37	1.853	12.23	1.590	19.51	1.581	29.56	1.647	41.54	1.746	BMP-3	19.51	1.581
15	8.0	4.50	2.213	8.86	1.764	14.52	1.643	22.76	1.667	33.09	1.752	BMP-3	14.52	1.643
15	11.0	3.33	2.648	6.66	1.945	11.14	1.729	17.91	1.706	26.78	1.760	BMP-4	17.91	1.706
15	14.0	2.65	3.122	5.34	2.159	9.04	1.824	14.79	1.746	22.56	1.777	BMP-4	14.79	1.746
20	.6	46.40	1.298	66.70	1.421	84.28	1.521	102.71	1.623	120.55	1.729	BMP-1	46.40	1.298
20	1.3	30.60	1.307	47.66	1.426	63.52	1.524	80.84	1.626	98.04	1.731	BMP-1	30.60	1.307
20	2.2	21.52	1.333	35.66	1.432	49.72	1.528	65.79	1.629	82.22	1.733	BMP-1	21.52	1.333
20	3.0	16.68	1.377	28.75	1.438	41.40	1.532	56.38	1.631	72.11	1.735	BMP-1	16.68	1.377
20	5.5	10.09	1.540	18.56	1.486	28.31	1.542	40.82	1.638	54.79	1.739	BMP-2	18.56	1.486
20	8.0	7.25	1.738	13.77	1.559	21.71	1.566	32.46	1.644	45.03	1.744	BMP-2	13.77	1.559
20	11.0	5.42	1.994	10.53	1.656	17.03	1.601	26.23	1.652	37.45	1.748	BMP-3	17.03	1.601
20	14.0	4.33	2.265	8.54	1.767	14.04	1.648	22.07	1.668	32.22	1.753	BMP-3	14.04	1.648

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : AC

CBR	ESAL (1000)	AC-1		AC-2		AC-3		AC-4		AC-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
2	3.0	-	-	2.19	3.580	6.15	2.933	13.91	2.592	26.25	2.578	AC-5	26.25	2.578
2	5.5	-	-	-	-	3.49	3.670	8.28	3.034	16.73	2.763	AC-5	16.73	2.763
2	8.0	-	-	-	-	2.44	4.068	5.90	3.439	12.33	2.956	AC-5	12.33	2.956
2	11.0	-	-	-	-	-	-	4.39	3.823	9.39	3.237	AC-5	9.39	3.237
2	14.0	-	-	-	-	-	-	3.50	4.106	7.58	3.513	AC-5	7.58	3.513
2	17.5	-	-	-	-	-	-	2.83	4.440	6.20	3.735	AC-5	6.20	3.735
2	21.0	-	-	-	-	-	-	2.37	4.739	5.24	3.954	AC-5	5.24	3.954
2	25.5	-	-	-	-	-	-	-	-	4.37	4.271	AC-5	4.37	4.271
2	30.0	-	-	-	-	-	-	-	-	3.75	4.547	AC-5	3.75	4.547
2	45.0	-	-	-	-	-	-	-	-	2.12	5.425	AC-5	2.12	5.425
3	3.0	-	-	6.14	2.564	15.76	2.236	31.17	2.311	50.81	2.548	AC-3	15.76	2.236
3	5.5	-	-	3.49	3.143	9.48	2.556	20.36	2.393	36.06	2.561	AC-4	20.36	2.393
3	8.0	-	-	2.43	3.564	6.79	2.905	15.20	2.528	28.30	2.574	AC-4	15.20	2.528
3	11.0	-	-	-	-	5.07	3.163	11.69	2.724	22.62	2.621	AC-5	22.62	2.621
3	14.0	-	-	-	-	4.05	3.402	9.50	2.882	18.89	2.696	AC-5	18.89	2.696
3	17.5	-	-	-	-	3.28	3.690	7.80	3.107	15.86	2.803	AC-5	15.86	2.803
3	21.0	-	-	-	-	2.75	3.967	6.62	3.323	13.68	2.891	AC-5	13.68	2.891
3	25.5	-	-	-	-	2.28	4.107	5.54	3.542	11.64	3.017	AC-5	11.64	3.017
3	30.0	-	-	-	-	-	-	4.77	3.750	10.13	3.146	AC-5	10.13	3.146
3	45.0	-	-	-	-	-	-	2.86	4.457	5.95	3.862	AC-5	5.95	3.862
3	60.0	-	-	-	-	-	-	2.17	4.782	4.55	4.190	AC-5	4.55	4.190
3	80.0	-	-	-	-	-	-	-	-	3.47	4.635	AC-5	3.47	4.635
3	100.0	-	-	-	-	-	-	-	-	2.81	4.993	AC-5	2.81	4.993
3	125.0	-	-	-	-	-	-	-	-	2.26	5.374	AC-5	2.26	5.374
4	3.0	3.19	2.709	9.75	2.220	23.37	2.088	42.75	2.298	65.13	2.541	AC-3	23.37	2.088
4	5.5	-	-	5.66	2.680	14.67	2.267	29.40	2.314	48.50	2.550	AC-3	14.67	2.267
4	8.0	-	-	3.99	3.014	10.73	2.479	22.63	2.355	39.31	2.558	AC-4	22.63	2.355
4	11.0	-	-	2.95	3.363	8.13	2.679	17.80	2.453	32.29	2.567	AC-4	17.80	2.453
4	14.0	-	-	2.34	3.578	6.54	2.906	14.70	2.546	27.51	2.575	AC-4	14.70	2.546
4	17.5	-	-	-	-	5.33	3.109	12.22	2.667	23.52	2.606	AC-5	23.52	2.606
4	21.0	-	-	-	-	4.50	3.343	10.47	2.803	20.57	2.656	AC-5	20.57	2.656
4	25.5	-	-	-	-	3.75	3.607	8.84	2.975	17.73	2.731	AC-5	17.73	2.731
4	30.0	-	-	-	-	3.21	3.691	7.65	3.108	15.59	2.804	AC-5	15.59	2.804
4	45.0	-	-	-	-	2.00	4.348	4.68	3.758	9.46	3.237	AC-5	9.46	3.237
4	60.0	-	-	-	-	-	-	3.57	4.117	7.33	3.516	AC-5	7.33	3.516
4	80.0	-	-	-	-	-	-	2.71	4.514	5.64	3.923	AC-5	5.64	3.923
4	100.0	-	-	-	-	-	-	2.19	4.782	4.58	4.190	AC-5	4.58	4.190
4	125.0	-	-	-	-	-	-	-	-	3.72	4.566	AC-5	3.72	4.566
4	150.0	-	-	-	-	-	-	-	-	3.12	4.751	AC-5	3.12	4.751
4	175.0	-	-	-	-	-	-	-	-	2.70	5.082	AC-5	2.70	5.082
4	200.0	-	-	-	-	-	-	-	-	2.37	5.311	AC-5	2.37	5.311

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : AC

CBR	ESAL (1000)	AC-1		AC-2		AC-3		AC-4		AC-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
6	3.0	4.75	2.416	13.94	2.025	31.26	2.060	53.59	2.291	77.69	2.537	AC-2	13.94	2.025
6	5.5	2.68	2.903	8.30	2.317	20.42	2.125	38.43	2.302	59.91	2.543	AC-3	20.42	2.125
6	8.0	-	-	5.92	2.665	15.26	2.238	30.36	2.312	49.75	2.549	AC-3	15.26	2.238
6	11.0	-	-	4.40	2.908	11.73	2.396	24.40	2.331	41.78	2.555	AC-4	24.40	2.331
6	14.0	-	-	3.51	3.143	9.54	2.556	20.45	2.392	36.20	2.561	AC-4	20.45	2.392
6	17.5	-	-	2.83	3.373	7.83	2.740	17.23	2.455	31.44	2.568	AC-4	17.23	2.455
6	21.0	-	-	2.38	3.564	6.65	2.906	14.91	2.546	27.84	2.575	AC-4	14.91	2.546
6	25.5	-	-	-	-	5.56	3.075	12.71	2.641	24.31	2.593	AC-5	24.31	2.593
6	30.0	-	-	-	-	4.79	3.272	11.08	2.736	21.61	2.639	AC-5	21.61	2.639
6	45.0	-	-	-	-	3.01	3.773	6.90	3.242	13.54	2.891	AC-5	13.54	2.891
6	60.0	-	-	-	-	2.28	4.126	5.30	3.546	10.63	3.097	AC-5	10.63	3.097
6	80.0	-	-	-	-	-	-	4.05	3.931	8.27	3.377	AC-5	8.27	3.377
6	100.0	-	-	-	-	-	-	3.28	4.160	6.77	3.662	AC-5	6.77	3.662
6	125.0	-	-	-	-	-	-	2.65	4.585	5.52	3.931	AC-5	5.52	3.931
6	150.0	-	-	-	-	-	-	2.22	4.776	4.66	4.189	AC-5	4.66	4.189
6	175.0	-	-	-	-	-	-	-	-	4.03	4.372	AC-5	4.03	4.372
6	200.0	-	-	-	-	-	-	-	-	3.55	4.572	AC-5	3.55	4.572
8	3.0	6.61	2.165	18.52	1.899	39.06	2.052	63.54	2.287	88.75	2.535	AC-2	18.52	1.899
8	5.5	3.76	2.624	11.33	2.117	26.44	2.067	47.09	2.295	70.23	2.539	AC-3	26.44	2.067
8	8.0	2.63	2.903	8.18	2.323	20.16	2.127	38.04	2.302	59.43	2.544	AC-3	20.16	2.127
8	11.0	-	-	6.13	2.564	15.74	2.236	31.15	2.311	50.78	2.548	AC-3	15.74	2.236
8	14.0	-	-	4.91	2.832	12.93	2.342	26.48	2.319	44.62	2.553	AC-4	26.48	2.319
8	17.5	-	-	3.98	3.014	10.71	2.479	22.59	2.356	39.26	2.558	AC-4	22.59	2.356
8	21.0	-	-	3.35	3.150	9.15	2.584	19.73	2.404	35.15	2.563	AC-4	19.73	2.404
8	25.5	-	-	2.78	3.413	7.70	2.740	16.98	2.478	31.05	2.569	AC-4	16.98	2.478
8	30.0	-	-	2.38	3.564	6.65	2.906	14.92	2.546	27.86	2.575	AC-4	14.92	2.546
8	45.0	-	-	-	-	4.23	3.403	9.49	2.883	18.03	2.707	AC-5	18.03	2.707
8	60.0	-	-	-	-	3.22	3.693	7.35	3.157	14.34	2.845	AC-5	14.34	2.845
8	80.0	-	-	-	-	2.44	4.085	5.66	3.495	11.28	3.019	AC-5	11.28	3.019
8	100.0	-	-	-	-	-	-	4.60	3.758	9.31	3.238	AC-5	9.31	3.238
8	125.0	-	-	-	-	-	-	3.73	4.107	7.64	3.513	AC-5	7.64	3.513
8	150.0	-	-	-	-	-	-	3.13	4.314	6.48	3.683	AC-5	6.48	3.683
8	175.0	-	-	-	-	-	-	2.70	4.514	5.63	3.930	AC-5	5.63	3.930
8	200.0	-	-	-	-	-	-	2.38	4.749	4.97	4.150	AC-5	4.97	4.150

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : AC

CBR	ESAL (1000)	AC-1		AC-2		AC-3		AC-4		AC-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
10	3.0	8.72	1.999	23.34	1.842	46.57	2.046	72.61	2.284	98.57	2.533	AC-2	23.34	1.842
10	5.5	5.03	2.339	14.65	1.995	32.53	2.058	55.25	2.290	79.56	2.537	AC-2	14.65	1.995
10	8.0	3.54	2.691	10.72	2.164	25.27	2.070	45.45	2.296	68.32	2.540	AC-3	25.27	2.070
10	11.0	2.61	2.903	8.11	2.324	20.03	2.132	37.84	2.303	59.19	2.544	AC-3	20.03	2.132
10	14.0	2.07	3.059	6.53	2.551	16.63	2.209	32.57	2.309	52.60	2.547	AC-3	16.63	2.209
10	17.5	-	-	5.32	2.697	13.89	2.302	28.10	2.316	46.79	2.551	AC-3	13.89	2.302
10	21.0	-	-	4.49	2.907	11.94	2.396	24.76	2.328	42.28	2.555	AC-4	24.76	2.328
10	25.5	-	-	3.74	3.107	10.11	2.488	21.51	2.371	37.73	2.559	AC-4	21.51	2.371
10	30.0	-	-	3.21	3.227	8.78	2.635	19.04	2.412	34.13	2.564	AC-4	19.04	2.412
10	45.0	-	-	2.07	3.669	5.64	3.076	12.36	2.666	22.76	2.617	AC-5	22.76	2.617
10	60.0	-	-	-	-	4.32	3.391	9.67	2.882	18.34	2.705	AC-5	18.34	2.705
10	80.0	-	-	-	-	3.29	3.698	7.50	3.116	14.60	2.843	AC-5	14.60	2.843
10	100.0	-	-	-	-	2.66	4.008	6.13	3.337	12.14	2.976	AC-5	12.14	2.976
10	125.0	-	-	-	-	2.14	4.334	4.99	3.633	10.04	3.146	AC-5	10.04	3.146
10	150.0	-	-	-	-	-	-	4.20	3.838	8.56	3.352	AC-5	8.56	3.352
10	175.0	-	-	-	-	-	-	3.64	4.108	7.46	3.515	AC-5	7.46	3.515
10	200.0	-	-	-	-	-	-	3.20	4.302	6.61	3.682	AC-5	6.61	3.682
15	3.0	19.00	1.655	42.82	1.809	72.75	2.036	101.94	2.278	129.26	2.529	AC-1	19.00	1.655
15	5.5	11.65	1.829	29.46	1.820	55.37	2.042	82.79	2.282	109.36	2.531	AC-2	29.46	1.820
15	8.0	8.42	2.000	22.67	1.850	45.56	2.047	71.42	2.284	97.29	2.533	AC-2	22.67	1.850
15	11.0	6.32	2.193	17.84	1.918	37.94	2.053	62.15	2.287	87.22	2.535	AC-2	17.84	1.918
15	14.0	5.06	2.339	14.73	1.995	32.66	2.058	55.43	2.290	79.76	2.537	AC-2	14.73	1.995
15	17.5	4.11	2.521	12.25	2.074	28.19	2.064	49.48	2.293	73.00	2.539	AC-3	28.19	2.064
15	21.0	3.46	2.692	10.49	2.165	24.84	2.075	44.85	2.297	67.60	2.540	AC-3	24.84	2.075
15	25.5	2.87	2.881	8.86	2.288	21.58	2.110	40.15	2.300	62.01	2.542	AC-3	21.58	2.110
15	30.0	2.46	2.997	7.67	2.403	19.10	2.148	36.43	2.304	57.45	2.545	AC-3	19.10	2.148
15	45.0	-	-	5.07	2.745	12.92	2.342	25.58	2.321	41.97	2.555	AC-4	25.58	2.321
15	60.0	-	-	3.87	3.107	10.12	2.488	20.77	2.385	35.35	2.562	AC-4	20.77	2.385
15	80.0	-	-	2.95	3.374	7.86	2.740	16.65	2.479	29.37	2.572	AC-4	16.65	2.479
15	100.0	-	-	2.38	3.580	6.43	2.932	13.91	2.586	25.20	2.581	AC-5	25.20	2.581
15	125.0	-	-	-	-	5.24	3.164	11.55	2.724	21.44	2.638	AC-5	21.44	2.638
15	150.0	-	-	-	-	4.42	3.390	9.88	2.867	18.69	2.696	AC-5	18.69	2.696
15	175.0	-	-	-	-	3.82	3.539	8.63	2.977	16.57	2.762	AC-5	16.57	2.762
15	200.0	-	-	-	-	3.37	3.692	7.66	3.109	14.89	2.823	AC-5	14.89	2.823

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : AC

CBR	ESAL (1000)	AC-1		AC-2		AC-3		AC-4		AC-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
20	3.0	27.65	1.591	56.24	1.802	88.63	2.033	118.77	2.276	146.47	2.527	AC-1	27.65	1.591
20	5.5	17.75	1.669	40.70	1.810	70.12	2.037	99.10	2.279	126.33	2.529	AC-1	17.75	1.669
20	8.0	13.13	1.763	32.35	1.817	59.32	2.040	87.23	2.281	114.02	2.530	AC-1	13.13	1.763
20	11.0	10.02	1.881	26.13	1.825	50.58	2.044	77.41	2.283	103.68	2.532	AC-2	26.13	1.825
20	14.0	8.11	2.018	21.99	1.859	44.52	2.048	70.17	2.285	95.95	2.533	AC-2	21.99	1.859
20	17.5	6.64	2.165	18.59	1.899	39.17	2.052	63.67	2.287	88.90	2.535	AC-2	18.59	1.899
20	21.0	5.62	2.292	16.12	1.945	35.06	2.055	58.52	2.289	83.21	2.536	AC-2	16.12	1.945
20	25.5	4.69	2.417	13.78	2.026	30.97	2.060	53.21	2.291	77.26	2.537	AC-2	13.78	2.026
20	30.0	4.03	2.531	12.03	2.075	27.78	2.065	48.93	2.294	72.36	2.539	AC-3	27.78	2.065
20	45.0	2.67	2.904	8.12	2.324	19.51	2.141	35.98	2.305	55.28	2.546	AC-3	19.51	2.141
20	60.0	2.02	3.065	6.27	2.553	15.58	2.236	29.93	2.313	47.68	2.550	AC-3	15.58	2.236
20	80.0	-	-	4.81	2.834	12.31	2.363	24.56	2.330	40.60	2.556	AC-4	24.56	2.330
20	100.0	-	-	3.90	3.107	10.18	2.488	20.87	2.385	35.51	2.562	AC-4	20.87	2.385
20	125.0	-	-	3.15	3.271	8.37	2.679	17.61	2.453	30.79	2.569	AC-4	17.61	2.453
20	150.0	-	-	2.65	3.426	7.11	2.794	15.24	2.511	27.25	2.576	AC-4	15.24	2.511
20	175.0	-	-	2.28	3.581	6.19	2.934	13.44	2.594	24.46	2.590	AC-5	24.46	2.590
20	200.0	-	-	2.01	3.670	5.47	3.083	12.02	2.668	22.21	2.623	AC-5	22.21	2.623

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : PCC

CBR	ESAL (1000)	PCC-1		PCC-2		PCC-3		PCC-4		PCC-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
2	8.0	11.65	2.161	22.18	2.067	44.08	2.312	60.97	2.501	87.57	2.792	PCC-2	22.18	2.067
2	11.0	8.85	2.401	17.42	2.155	36.59	2.319	52.23	2.506	77.73	2.794	PCC-2	17.42	2.155
2	14.0	7.14	2.562	14.37	2.258	31.42	2.325	45.98	2.510	70.49	2.797	PCC-2	14.37	2.258
2	17.5	5.83	2.849	11.95	2.398	27.06	2.333	40.54	2.515	63.98	2.799	PCC-3	27.06	2.333
2	21.0	4.92	3.060	10.23	2.505	23.80	2.355	36.35	2.519	58.82	2.802	PCC-3	23.80	2.355
2	25.5	4.10	3.187	8.63	2.689	20.64	2.403	32.18	2.525	53.50	2.805	PCC-3	20.64	2.403
2	30.0	3.52	3.419	7.47	2.830	18.24	2.451	28.91	2.531	49.21	2.808	PCC-3	18.24	2.451
2	45.0	2.43	4.060	5.03	3.387	12.18	2.736	19.85	2.637	36.09	2.821	PCC-4	19.85	2.637
2	60.0	-	-	3.84	3.908	9.52	2.990	15.87	2.777	30.03	2.831	PCC-4	15.87	2.777
2	80.0	-	-	2.92	4.301	7.38	3.328	12.55	2.955	24.65	2.852	PCC-5	24.65	2.852
2	100.0	-	-	2.36	4.657	6.03	3.572	10.38	3.163	20.95	2.933	PCC-5	20.95	2.933
2	125.0	-	-	-	-	4.91	4.040	8.54	3.406	17.68	3.026	PCC-5	17.68	3.026
2	150.0	-	-	-	-	4.14	4.262	7.26	3.633	15.30	3.137	PCC-5	15.30	3.137
2	175.0	-	-	-	-	3.57	4.492	6.32	3.823	13.49	3.251	PCC-5	13.49	3.251
2	200.0	-	-	-	-	3.15	4.779	5.59	4.084	12.07	3.353	PCC-5	12.07	3.353
3	8.0	14.88	1.971	26.48	2.032	49.18	2.308	66.13	2.499	92.46	2.791	PCC-1	14.88	1.971
3	11.0	11.43	2.083	21.06	2.068	41.25	2.314	57.11	2.503	82.50	2.793	PCC-2	21.06	2.068
3	14.0	9.28	2.205	17.52	2.118	35.71	2.320	50.62	2.507	75.14	2.795	PCC-2	17.52	2.118
3	17.5	7.62	2.341	14.67	2.187	30.98	2.326	44.91	2.511	68.50	2.797	PCC-2	14.67	2.187
3	21.0	6.46	2.464	12.62	2.259	27.42	2.332	40.49	2.515	63.21	2.800	PCC-2	12.62	2.259
3	25.5	5.41	2.622	10.71	2.357	23.93	2.350	36.04	2.520	57.74	2.802	PCC-3	23.93	2.350
3	30.0	4.65	2.761	9.30	2.436	21.26	2.372	32.54	2.524	53.31	2.805	PCC-3	21.26	2.372
3	45.0	3.19	3.200	6.25	2.797	14.29	2.523	22.56	2.565	39.47	2.817	PCC-3	14.29	2.523
3	60.0	2.42	3.487	4.80	3.120	11.24	2.665	18.17	2.628	33.08	2.826	PCC-4	18.17	2.628
3	80.0	-	-	3.66	3.418	8.76	2.880	14.46	2.730	27.35	2.837	PCC-4	14.46	2.730
3	100.0	-	-	2.96	3.713	7.18	3.037	12.02	2.834	23.37	2.861	PCC-4	12.02	2.834
3	125.0	-	-	2.39	3.967	5.86	3.296	9.93	3.011	19.81	2.915	PCC-5	19.81	2.915
3	150.0	-	-	2.00	4.121	4.95	3.498	8.47	3.148	17.22	2.966	PCC-5	17.22	2.966
3	175.0	-	-	-	-	4.29	3.655	7.38	3.274	15.23	3.022	PCC-5	15.23	3.022
3	200.0	-	-	-	-	3.78	3.869	6.54	3.449	13.66	3.103	PCC-5	13.66	3.103
4	8.0	17.33	1.908	29.51	2.028	52.55	2.306	69.47	2.498	95.57	2.790	PCC-1	17.33	1.908
4	11.0	13.42	1.985	23.66	2.047	44.36	2.312	60.28	2.502	85.54	2.792	PCC-1	13.42	1.985
4	14.0	10.96	2.092	19.80	2.084	38.60	2.317	53.64	2.505	78.11	2.794	PCC-2	19.80	2.084
4	17.5	9.03	2.170	16.66	2.127	33.65	2.322	47.78	2.509	71.39	2.796	PCC-2	16.66	2.127
4	21.0	7.68	2.290	14.39	2.171	29.90	2.328	43.22	2.512	66.03	2.798	PCC-2	14.39	2.171
4	25.5	6.45	2.386	12.26	2.237	26.20	2.335	38.62	2.517	60.48	2.801	PCC-2	12.26	2.237
4	30.0	5.56	2.515	10.68	2.314	23.35	2.350	34.97	2.521	55.96	2.803	PCC-2	10.68	2.314
4	45.0	3.80	2.906	7.18	2.579	15.77	2.458	24.40	2.545	41.68	2.814	PCC-3	15.77	2.458
4	60.0	2.89	3.228	5.52	2.826	12.46	2.563	19.75	2.594	35.09	2.823	PCC-3	12.46	2.563
4	80.0	2.19	3.410	4.22	3.053	9.75	2.721	15.79	2.674	29.13	2.833	PCC-4	15.79	2.674
4	100.0	-	-	3.42	3.280	8.01	2.846	13.16	2.744	24.98	2.848	PCC-4	13.16	2.744
4	125.0	-	-	2.76	3.542	6.56	3.047	10.91	2.869	21.25	2.879	PCC-4	10.91	2.869
4	150.0	-	-	2.32	3.688	5.55	3.183	9.32	2.964	18.51	2.923	PCC-5	18.51	2.923
4	175.0	-	-	-	-	4.81	3.391	8.13	3.070	16.41	2.966	PCC-5	16.41	2.966
4	200.0	-	-	-	-	4.24	3.434	7.22	3.169	14.75	3.019	PCC-5	14.75	3.019

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : PCC

CBR	ESAL (1000)	PCC-1		PCC-2		PCC-3		PCC-4		PCC-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
6	8.0	19.74	1.879	32.32	2.024	55.54	2.305	72.38	2.497	98.24	2.789	PCC-1	19.74	1.879
6	11.0	15.40	1.938	26.11	2.033	47.14	2.310	63.07	2.501	88.16	2.792	PCC-1	15.40	1.938
6	14.0	12.64	2.005	21.96	2.061	41.20	2.314	56.31	2.504	80.68	2.793	PCC-1	12.64	2.005
6	17.5	10.46	2.082	18.57	2.094	36.06	2.319	50.32	2.507	73.90	2.795	PCC-1	10.46	2.082
6	21.0	8.92	2.184	16.10	2.124	32.15	2.324	45.65	2.510	68.48	2.797	PCC-2	16.10	2.124
6	25.5	7.51	2.256	13.76	2.183	28.27	2.330	40.91	2.514	62.86	2.800	PCC-2	13.76	2.183
6	30.0	6.49	2.359	12.02	2.220	25.27	2.337	37.15	2.518	58.28	2.802	PCC-2	12.02	2.220
6	45.0	4.42	2.669	8.09	2.430	17.15	2.415	26.07	2.537	43.63	2.812	PCC-3	17.15	2.415
6	60.0	3.37	2.886	6.24	2.623	13.61	2.501	21.19	2.570	36.86	2.820	PCC-3	13.61	2.501
6	80.0	2.56	3.186	4.78	2.882	10.68	2.628	17.00	2.620	30.73	2.830	PCC-4	17.00	2.620
6	100.0	2.06	3.339	3.88	3.044	8.80	2.751	14.22	2.684	26.43	2.839	PCC-4	14.22	2.684
6	125.0	-	-	3.14	3.212	7.21	2.852	11.81	2.790	22.54	2.865	PCC-4	11.81	2.790
6	150.0	-	-	2.64	3.439	6.11	2.980	10.11	2.849	19.68	2.897	PCC-4	10.11	2.849
6	175.0	-	-	2.27	3.563	5.31	3.141	8.84	2.963	17.48	2.927	PCC-5	17.48	2.927
6	200.0	-	-	-	-	4.69	3.269	7.85	3.061	15.73	2.970	PCC-5	15.73	2.970
8	8.0	20.94	1.868	33.67	2.022	56.93	2.304	73.72	2.497	99.47	2.789	PCC-1	20.94	1.868
8	11.0	16.39	1.917	27.29	2.031	48.44	2.309	64.35	2.500	89.36	2.791	PCC-1	16.39	1.917
8	14.0	13.48	1.975	23.01	2.047	42.41	2.313	57.54	2.503	81.85	2.793	PCC-1	13.48	1.975
8	17.5	11.18	2.030	19.50	2.080	37.19	2.318	51.50	2.506	75.04	2.795	PCC-1	11.18	2.030
8	21.0	9.56	2.109	16.93	2.119	33.21	2.323	46.78	2.509	69.60	2.797	PCC-1	9.56	2.109
8	25.5	8.05	2.173	14.50	2.156	29.25	2.329	41.98	2.513	63.95	2.799	PCC-2	14.50	2.156
8	30.0	6.96	2.294	12.68	2.203	26.18	2.335	38.17	2.517	59.34	2.801	PCC-2	12.68	2.203
8	45.0	4.74	2.539	8.54	2.387	17.81	2.409	26.85	2.535	44.52	2.812	PCC-2	8.54	2.387
8	60.0	3.61	2.747	6.60	2.543	14.16	2.464	21.87	2.566	37.69	2.819	PCC-3	14.16	2.464
8	80.0	2.75	2.977	5.06	2.683	11.14	2.557	17.58	2.613	31.47	2.828	PCC-3	11.14	2.557
8	100.0	2.21	3.089	4.11	2.835	9.18	2.661	14.72	2.667	27.10	2.838	PCC-3	9.18	2.661
8	125.0	-	-	3.33	3.027	7.54	2.794	12.25	2.732	23.15	2.856	PCC-4	12.25	2.732
8	150.0	-	-	2.79	3.217	6.39	2.895	10.49	2.817	20.23	2.883	PCC-4	10.49	2.817
8	175.0	-	-	2.41	3.304	5.55	2.994	9.18	2.879	17.99	2.919	PCC-4	9.18	2.879
8	200.0	-	-	2.12	3.430	4.90	3.139	8.16	2.952	16.19	2.938	PCC-5	16.19	2.938
10	8.0	22.13	1.852	34.98	2.021	58.26	2.304	74.99	2.496	100.63	2.789	PCC-1	22.13	1.852
10	11.0	17.38	1.901	28.44	2.029	49.68	2.308	65.58	2.500	90.49	2.791	PCC-1	17.38	1.901
10	14.0	14.33	1.951	24.05	2.041	43.58	2.312	58.72	2.502	82.96	2.793	PCC-1	14.33	1.951
10	17.5	11.91	2.024	20.42	2.069	38.29	2.317	52.63	2.506	76.14	2.795	PCC-1	11.91	2.024
10	21.0	10.20	2.059	17.76	2.102	34.24	2.321	47.86	2.509	70.67	2.797	PCC-1	10.20	2.059
10	25.5	8.61	2.143	15.23	2.134	30.20	2.327	43.01	2.512	64.99	2.799	PCC-2	15.23	2.134
10	30.0	7.45	2.203	13.34	2.175	27.07	2.333	39.14	2.516	60.36	2.801	PCC-2	13.34	2.175
10	45.0	5.06	2.418	8.99	2.357	18.46	2.394	27.61	2.533	45.38	2.811	PCC-2	8.99	2.357
10	60.0	3.87	2.646	6.95	2.496	14.70	2.458	22.53	2.558	38.48	2.818	PCC-3	14.70	2.458
10	80.0	2.94	2.839	5.34	2.622	11.58	2.536	18.14	2.598	32.18	2.827	PCC-3	11.58	2.536
10	100.0	2.37	2.961	4.34	2.746	9.56	2.622	15.21	2.643	27.75	2.836	PCC-3	9.56	2.622
10	125.0	-	-	3.52	2.906	7.85	2.746	12.67	2.711	23.73	2.855	PCC-4	12.67	2.711
10	150.0	-	-	2.95	3.103	6.66	2.829	10.86	2.782	20.76	2.880	PCC-4	10.86	2.782
10	175.0	-	-	2.55	3.179	5.79	2.927	9.51	2.841	18.47	2.903	PCC-4	9.51	2.841
10	200.0	-	-	2.24	3.269	5.12	2.979	8.45	2.903	16.64	2.932	PCC-4	8.45	2.903

Performance Period (year) and Life Cycle Cost (Mp/km)

Pavement Type : PCC

CBR	ESAL (1000)	PCC-1		PCC-2		PCC-3		PCC-4		PCC-5		Optimum Scheme		
		Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Performance Period	Life Cycle Cost	Scheme	Performance Period	Life Cycle Cost
15	8.0	23.91	1.844	36.90	2.019	60.16	2.303	76.81	2.496	102.26	2.789	PCC-1	23.91	1.844
15	11.0	18.88	1.885	30.14	2.027	51.47	2.307	67.32	2.499	92.10	2.791	PCC-1	18.88	1.885
15	14.0	15.63	1.927	25.57	2.034	45.27	2.311	60.40	2.502	84.54	2.792	PCC-1	15.63	1.927
15	17.5	13.03	1.966	21.78	2.059	39.87	2.315	54.24	2.505	77.68	2.794	PCC-1	13.03	1.966
15	21.0	11.17	2.017	18.99	2.086	35.72	2.320	49.41	2.508	72.19	2.796	PCC-1	11.17	2.017
15	25.5	9.45	2.084	16.32	2.113	31.58	2.325	44.48	2.511	66.47	2.798	PCC-1	9.45	2.084
15	30.0	8.19	2.127	14.32	2.147	28.36	2.330	40.55	2.515	61.80	2.800	PCC-1	8.19	2.127
15	45.0	5.57	2.295	9.66	2.287	19.40	2.379	28.70	2.531	46.61	2.810	PCC-2	9.66	2.287
15	60.0	4.26	2.392	7.49	2.378	15.49	2.432	23.48	2.550	39.60	2.817	PCC-2	7.49	2.378
15	80.0	3.24	2.515	5.77	2.497	12.23	2.496	18.96	2.591	33.20	2.825	PCC-3	12.23	2.496
15	100.0	2.62	2.658	4.69	2.593	10.11	2.556	15.93	2.634	28.68	2.834	PCC-3	10.11	2.556
15	125.0	2.11	2.707	3.80	2.704	8.32	2.634	13.29	2.674	24.57	2.848	PCC-3	8.32	2.534
15	150.0	-	-	3.20	2.733	7.07	2.684	11.40	2.726	21.53	2.868	PCC-3	7.07	2.684
15	175.0	-	-	2.76	2.861	6.14	2.744	9.99	2.794	19.17	2.886	PCC-3	6.14	2.744
15	200.0	-	-	2.43	2.907	5.43	2.818	8.89	2.836	17.29	2.909	PCC-3	5.43	2.818
20	8.0	25.10	1.834	38.14	2.018	61.38	2.302	77.96	2.496	103.30	2.789	PCC-1	25.10	1.834
20	11.0	19.88	1.874	31.25	2.025	52.61	2.306	68.43	2.499	93.12	2.790	PCC-1	19.88	1.874
20	14.0	16.50	1.910	26.57	2.032	46.35	2.310	61.47	2.501	85.54	2.792	PCC-1	16.50	1.910
20	17.5	13.78	1.964	22.67	2.051	40.88	2.314	55.27	2.504	78.66	2.794	PCC-1	13.78	1.964
20	21.0	11.84	2.014	19.80	2.075	36.68	2.319	50.39	2.507	73.15	2.796	PCC-1	11.84	2.014
20	25.5	10.03	2.046	17.05	2.098	32.48	2.324	45.42	2.510	67.40	2.798	PCC-1	10.03	2.046
20	30.0	8.70	2.122	14.97	2.144	29.19	2.329	41.45	2.514	62.71	2.800	PCC-1	8.70	2.122
20	45.0	5.91	2.287	10.11	2.248	20.02	2.369	29.41	2.530	47.38	2.809	PCC-2	10.11	2.248
20	60.0	4.53	2.361	7.85	2.371	16.01	2.414	24.10	2.544	40.32	2.816	PCC-1	4.53	2.361
20	80.0	3.45	2.451	6.05	2.428	12.66	2.492	19.49	2.580	33.85	2.824	PCC-2	6.05	2.428
20	100.0	2.79	2.572	4.93	2.562	10.48	2.551	16.39	2.616	29.28	2.833	PCC-3	10.48	2.551
20	125.0	2.25	2.606	4.00	2.646	8.63	2.628	13.69	2.671	25.11	2.843	PCC-1	2.25	2.606
20	150.0	-	-	3.36	2.665	7.33	2.676	11.76	2.722	22.02	2.860	PCC-2	3.36	2.665
20	175.0	-	-	2.90	2.774	6.38	2.731	10.31	2.754	19.63	2.884	PCC-3	6.38	2.731
20	200.0	-	-	2.55	2.795	5.64	2.794	9.18	2.790	17.71	2.907	PCC-4	9.18	2.790