

Table 4.1: computation of pavement condition index value of road 1

Sample Section (m)	Patholes D.V	patches D.V patches D.V	Cracks	Rutting D.V	T.D.V	C.D.V	P.C.I=100-C.D.v	Average P.C.I	Type of Maintenance
0-10	33		—	88	121	68	32		
20-Oct	—	2	—	63	65	36	64		
20-30	—	—	—	35	35	17	83		
30-40	—	—	0	63	63	36	64		
40-50	—	—	—	—	—	—	100	80	Resurfacing
50-60	50	2	—	60	112	62	38		
60-70	—	—	—	35	35	17	83		
70-80	—	—	—	59	59	34	66		

-Total Deduct Value, C.D.V-Corrected Deduct Value (Using ASTM:D6433-11)

TABLE 4.2: computation of pavement condition index value of road 2									
Sample Section (m)	Patholes D.V	patches D.V	Cracks	Rutting D.V	T.D.V	C.D.V	P.C.I=100-C.D.V	Average P.C.I	Type of Maintenance
0-10	-	patches D.V	-	61	61	30	70		
20-Oct	-	-	-	41	41	20	80		
20-30	70	9	-	-	79	45	55		
30-40	-	-	25	-	25	8	92	70	Resurfacing
40-50	-	-	-	63	63	34	66		
50-60	48	10	-	61	119	66	34		
60-70	-	-	-	86	86	48	52		
70-80	-	10	-	-	10	2	98		
Note: D.V- Deduct Value, T.D.V-Total Deduct Value, C.D.V-Corrected Deduct Value (Using ASTM:D6433-11)									

80-90	12	-	0	-	12	3	97		
90-100	-	-	34	-	34	16	84		
100-110	50	-	-	60	110	62	38		
110-120	-	-	25	35	60	30	70		
120-130	-	-	-	65	65	34	66		
130-140	-	-	-	36	36	18	82	70	Resurfacing
140-150	12	-	-	62	74	42	58		
150-160	-	-	-	87	87	48	52		
160-170	-	5	-	-	5	0	100		
170-180	-	-	-	-	-	-	100		
180-190	-	5	25	31	61	30	70		

190-200	5	-	5	88	98	52	48		
200-210	-	-	-	35	35	16	84		
210-220	43	-	-	61	104	56	44		
	72	patches D.V	-		133	72	28		
220-230	-	-	-	63	63	31	69		

230-240	-	-	-	88	88	48	52		
240-250	-	-	-	40	40	20	80	70	Resurfacing
250-260	-	7	-	40	47	24	76		
260-270	30	12	-	40	82	-	56		
270-280	50	-	-	39	89	-	52		
280-290	-	6	-	36	42	-	80		
290-300	-	-	28	41	69	36	64		

Table 4.3: computation of pavement condition index value of road 3									
Sample Section (m)	Patholes D.V	patches D.V	Cracks	Rutting D.V	T.D.V	C.D.V	P.C.I=100-C.D.V	Average P.C.I	Type of Maintenance
0-10	50	1	-	40	91	52	48		
20-Oct	-	-	-	34	34	16	84		
20-30	-	-	5	-	5	0	100	71	Resurfacing
30-40	-	3	-	42	45	24	76		
40-50	33	-	-	62	95	54	46		
50-60	-	-	2	63	65	34	66		
60-70	-	1	3	60	64	34	66		
70-80	-	2	-	65	67	35	65		
Note: D.V- Deduct Value, T.D.V-Total Deduct Value, C.D.V-Corrected Deduct Value (Using ASTM:D6433-11)									
80-90	-	-	-	66	66	34	66		
90-100	-	-	29	38	67	35	65		
100-110	50	-	5	60	115	66	34		
110-120	-	patches D.V	5	-	6	0	100		
120-130	35	1	5	58	99	58	42	71	Resurfacing
130-140	-	-	2	-	2	0	100		
140-150	35	22	2	58	117	66	34		
150-160	-	-	-	58	58	30	70		
160-170	35	-	-	-	35	-	82		
170-180	-	-	2	-	2	-	100		
180-190	-	1	-	40	41	-	80		
190-200	-	6	-	-	6	0	100		

Table 4.3: computation of pavement condition index value of road 4									
Sample Section (m)	Patholes D.V	patches D.V	Cracks	Rutting D.V	T.D.V	C.D.V	P.C.I=100-C.D.V	Average P.C.I	Type of Maintenance
0-10	-	-	-	28	28	14	86		
20-Oct	-	-	-	27	27	12	88		
20-30	-	3	18	28	49	30	70		
30-40	70	-	-	-	70	44	56	80	Resurfacing
40-50	-	-	-	52	52	-	70		
50-60	-	-	-	27	27	-	88		
60-70	-	3	-	55	58	-	62		
70-80	-	-	38	30	33	14	86		
Note: D.V- Deduct Value, T.D.V-Total Deduct Value, C.D.V-Corrected Deduct Value (Using ASTM:D6433-11)									
80-90	70	-	-	30	100	60	40		
90-100	-	-	-	32	32	14	86		
100-110	-	-	-	27	27	12	88		
110-120	58	-	-	28	86	52	48		
120-130	-	-	-	27	27	12	88		
130-140	-	-	-	30	30	14	86	80	Resurfacing
140-150	58	-	-	30	88	54	46		
150-160	58	-	-	29	77	48	52		
	38	-	-			-			
160-170	-	-	15	30	45	-	72		
170-180	-	-	-	27	27	-	88		
180-190	-	-	-	27	27	12	88		
190-200	-	-	-	30	30		86		
200-210	-	-	-	30	30	14	86		
210-220	-	-	-	-	-	-	100		
220-230	-	-	-	-	-	-	100		
230-240	-	-	-	-	-	-	100		
240-250	-	-	-	9	9	6	94		
250-260	-	-	-	27	27	12	88	80	Resurfacing
260-270	-	-	-	32	32	16	84		
270-280	58	-	-	30	30	14	86		

[illegible]

