LAMPIRAN A

Tabel 1. Data Catatan Kondisi dan Hasil Pengukuran Ruas Jalan Berbah-Prambanan STA 15+000 – 20+000

Ruas Jalan Berbah Prambanan								
Panjang	: 5000 M					Cuaca	: Cerah	
Lebar	: 4.1 M					Surveyor	: Team	
Status Jalan	: Jalan Lokal 2 Jalur 2 Lajur							
STA KM	Posisi		Kelas Kerusakan	Ukuran				Keterangan
	KI	KA		P (m)	L (m)	D (m)	A (m)	
15+000	√		L	10.00	0.20		2	Retak Pinggir
15+015			L	4.00	0.10		0.4	Retak Memanjang/Melintang
15+025		√	L	8.00	0.40		3.2	Retak Kulit Buaya
15+040	√		L	4.80	0.20		0.96	Retak Pinggir
15+040		√	L	4.20	0.30		1.26	Retak Kulit Buaya
15+050		√	M	5.20	0.90		4.68	Pinggir Jalan Turun Vertikal
15+055		√	L	1.43	0.80		1.144	Tambalan
15+060		√	L	0.80	0.40		0.32	Tambalan
15+070			L	4.10	0.10		0.41	Retak Memanjang/Melintang
15+072		√	L	1.40	1.20		1.68	Retak Kulit Buaya
15+085			L	4.00	0.20		0.8	Retak Memanjang/Melintang
15+090	√		L	0.87	0.20		0.174	Retak Pinggir
15+095		√	L	0.80	0.60		0.48	Retak Kulit Buaya
15+097		√	L	2.65	1.37		3.6305	Tambalan
15+100			M	15.00	0.20		3	Retak Memanjang/Melintang
15+110	√		L	5.00	0.20		1	Tambalan
15+115	√		L	5.00	0.30		1.5	Tambalan
15+125		√	M	0.26	0.27	0.07	0.0702	Lubang
15+130		√	L	3.40	1.09		3.706	Retak Kulit Buaya
15+140		√	L	3.00	0.90		2.7	Tambalan
15+145	√		L	2.41	0.90		2.169	Tambalan
15+150		√	L	6.10	0.45		2.745	Tambalan
15+155		√	L	4.20	1.10		4.62	Tambalan
15+160		√	L	2.10	1.13		2.373	Tambalan
15+170		√	M	8.30	0.30		2.49	Retak Pinggir
15+180		√	L	14.00	0.20		2.8	Retak Pinggir
15+200		√	L	4.10	0.90		3.69	Tambalan
15+210		√	L	3.30	4.10		13.53	Tambalan
15+230		√	L	1.94	0.80		1.552	Tambalan
15+235		√	L	5.00	0.80		4	Tambalan
15+240		√	L	2.30	0.90		2.07	Pinggir Jalan Turun Vertikal
15+270		√	L	2.40	0.90		2.16	Pinggir Jalan Turun Vertikal
15+350	√		L	10.00	0.70		7	Retak Kulit Buaya
15+355		√	L	4.10	0.90		3.69	Tambalan
15+360		√	L	2.30	0.90		2.07	Retak Kulit Buaya
15+390		√	L	1.50	0.30	0.30	0.45	Lubang
15+390	√		L	2.30	0.90		2.07	Tambalan
15+395	√		L	3.50	0.90		3.15	Tambalan
15+400	√		M	3.10	0.90		2.79	Tambalan
15+410	√		M	5.00	0.90		4.5	Tambalan
15+420		√	M	0.68	0.50	0.09	0.34	Lubang
15+430		√	H	3.45	0.86		2.967	Retak Pinggir
15+440	√		L	2.10	0.70		1.47	Tambalan
15+450	√		H	3.20	0.70	0.05	2.24	Amblas

Tabel 2. Data Catatan Kondisi dan Hasil Pengukuran Ruas Jalan Berbah-Prambanan STA 15+000 – 20+000 (Lanjutan)

15+540	√		L	2.30	0.81		1.863	Tambalan
15+550		√	L	25.00	0.80		20	Retak Kulit Buaya
15+550	√		L	36.00	0.80		28.8	Retak Kulit Buaya
15+590		√	L	10.00	0.80		8	Retak Kulit Buaya
15+590	√		L	4.00	1.30		5.2	Tambalan
15+615	√		L	5.00	0.90		4.5	Tambalan
15+616		√	M	6.00	0.80		4.8	Retak Kulit Buaya
15+618	√		M	8.00	0.90		7.2	Retak Kulit Buaya
15+625			L	3.00	0.10		0.3	Retak Memanjang/Melintang
15+630		√	L	5.00	0.70		3.5	Retak Kulit Buaya
15+635	√		H	9.00	1.20		10.8	Retak Kulit Buaya
15+649	√		L	6.00	0.90		5.4	Retak Kulit Buaya
15+652	√		M	6.00	2.00		12	Tambalan
15+670	√		L	7.00	1.20		8.4	Retak Kulit Buaya
15+672		√	L	2.00	0.90		1.8	Pinggir Jalan Turun Vertikal
15+682		√	M	6.00	1.20		7.2	Tambalan
15+695	√		L	5.00	2.00		10	Tambalan
15+705	√		M	10.00	1.20		12	Retak Kulit Buaya
15+716	√		L	12.00	1.50		18	Retak Kulit Buaya
15+716		√	M	7.00	1.70		11.9	Tambalan
15+720	√		L	4.20	1.50		6.3	Tambalan
15+725	√		L	6.00	1.20		7.2	Retak Kulit Buaya
15+730		√	M	10.00	1.10		11	Pinggir Jalan Turun Vertikal
15+741		√	H	9.00	1.80		16.2	Pinggir Jalan Turun Vertikal
15+742		√	M	10.00	0.70		7	Retak Kulit Buaya
15+744	√		M	5.50	1.30		7.15	Tambalan
15+760		√	L	25.00	0.90		22.5	Retak Kulit Buaya
15+800	√		L	20.00	0.50		10	Tambalan
15+802	√		L	10.00	0.90		9	Tambalan
15+802		√	L	26.00	1.20		31.2	Retak Kulit Buaya
15+826		√	M	8.00	1.50		12	Tambalan
15+834	√		M	4.50	4.10		18.45	Tambalan
15+842		√	M	15.00	1.90		28.5	Retak Kulit Buaya
15+864	√		L	4.00	1.90		7.6	Retak Kulit Buaya
15+873	√		M	9.00	1.30		11.7	Tambalan
15+886	√		L	11.00	1.20		13.2	Retak Kulit Buaya
15+902	√		L	8.00	2.00		16	Tambalan
15+910			L	4.10	0.10		0.41	Retak Memanjang/Melintang
15+915		√	M	4.20	2.00		8.4	Pinggir Jalan Turun Vertikal
15+920			L	4.10	0.10		0.41	Retak Memanjang/Melintang
15+922			M	4.10	0.10		0.41	Retak Memanjang/Melintang
15+925			L	4.10	0.10		0.41	Retak Memanjang/Melintang
15+925	√		M	1.50	1.40		2.1	Retak Kulit Buaya
15+942	√		M	16.00	1.20		19.2	Tambalan
15+942		√	M	10.00	2.00		20	Retak Kulit Buaya
15+963		√	L	6.00	1.40		8.4	Tambalan
15+970	√		M	28.00	4.10		114.8	Retak Kulit Buaya
15+990		√	L	6.00	0.90		5.4	Pinggir Jalan Turun Vertikal
16+000		√	L	72.00	1.00		72	Tambalan
16+000	√		M	80.00	1.00		80	Tambalan
16+072		√	M	15.00	0.90		13.5	Retak Kulit Buaya
16+080	√		M	25.00	1.00		25	Retak Kulit Buaya
16+090		√	L	10.00	1.50		15	Tambalan

Tabel 3. Data Catatan Kondisi dan Hasil Pengukuran Ruas Jalan Berbah-Prambanan STA 15+000 – 20+000 (Lanjutan)

16+100		√	L	8.00	0.80		6.4	Retak Kulit Buaya
16+120	√		L	8.00	0.80		6.4	Retak Kulit Buaya
16+119		√	L	5.00	0.70		3.5	Tambalan
16+132	√		M	25.00	1.20		30	Retak Kulit Buaya
16+177		√	L	6.00	1.20		7.2	Tambalan
16+181		√	L	0.40	2.00	0.10	0.8	Lubang
16+190	√		L	5.00	2.00		10	Tambalan
16+190		√	L	3.00	2.10		6.3	Pengausan Agregat
16+190	√		L	10.00	1.80		18	Retak Kulit Buaya
16+200		√	L	0.90	0.50		0.45	Tambalan
16+209		√	L	0.50	1.00		0.5	Tambalan
16+215	√		L	4.00	0.50		2	Tambalan
16+216		√	L	11.00	1.20		13.2	Retak Kulit Buaya
16+236	√		L	7.00	1.20		8.4	Tambalan
16+238		√	L	8.00	1.40		11.2	Tambalan
16+258		√	L	6.00	1.20		7.2	Pinggir Jalan Turun Vertikal
16+278	√		L	25.00	1.50		37.5	Retak Kulit Buaya
16+300		√	L	6.00	0.70		4.2	Retak Kulit Buaya
16+310	√		L	1.90	0.60		1.14	Tambalan
16+312		√	L	2.30	0.70		1.61	Tambalan
16+315	√		L	11.00	0.60		6.6	Retak Kulit Buaya
16+315		√	L	13.00	0.70		9.1	Retak Kulit Buaya
16+315			L	4.10	0.10		0.41	Retak Memanjang/Melintang
16+320		√	L	8.00	0.60		4.8	Retak Kulit Buaya
16+340		√	M	7.20	0.90		6.48	Tambalan
16+350	√		L	5.20	4.10		21.32	Tambalan
16+355		√	L	12.00	2.00		24	Tambalan
16+360	√	√	L	12.00	4.10		49.2	Tambalan
16+395	√		L	5.00	0.20		1	Retak Kulit Buaya
16+405	√		L	3.10	1.20		3.72	Tambalan
16+405		√	L	3.20	1.20		3.84	Tambalan
16+450		√	L	5.00	0.90		4.5	Tambalan
16+500	√		L	6.00	1.20		7.2	Tambalan
16+520	√		L	15.00	0.30		4.5	Retak Kulit Buaya
16+530		√	L	15.00	1.20		18	Tambalan
16+560			L	4.10	0.10		0.41	Retak Memanjang/Melintang
16+570	√		L	1.50	0.30		0.45	Retak Kulit Buaya
16+600		√	L	5.00	1.10		5.5	Retak Kulit Buaya
16+600	√		L	4.00	0.90		3.6	Retak Kulit Buaya
16+609		√	L	3.50	1.20	0.10	4.2	Amblas
16+611		√	L	2.60	2.70		7.02	Tambalan
16+619		√	L	90.00	0.60		54	Retak Kulit Buaya
16+635		√	L	7.00	0.80		5.6	Retak Kulit Buaya
16+642		√	L	3.00	1.20	0.30	3.6	Amblas
16+648		√	L	7.00	1.90		13.3	Retak Kulit Buaya
16+660		√	M	3.50	1.20		4.2	Tambalan
16+680	√		L	6.00	1.10		6.6	Retak Kulit Buaya
16+696			L	4.00	0.10		0.4	Retak Memanjang/Melintang
16+696	√		M	4.00	0.60		2.4	Tambalan
16+706		√	L	18.00	0.90		16.2	Retak Pinggir
16+714		√	L	10.00	0.90		9	Tambalan
16+746		√	L	12.00	0.95		11.4	Tambalan
16+756		√	L	0.20	0.30	0.07	0.06	Lubang

Tabel 4. Data Catatan Kondisi dan Hasil Pengukuran Ruas Jalan Berbah-Prambanan STA 15+000 – 20+000 (Lanjutan)

16+756	√	√	L	4.00	4.10		16.4	Retak Sambungan
16+756	√	√	L	5.00	1.40		7	Tambalan
16+758	√		L	29.00	1.20		34.8	Retak Pinggir
16+767		√	L	6.00	0.80		4.8	Keriting
16+786		√	L	14.00	1.15		16.1	Tambalan
16+802		√	L	5.00	1.25		6.25	Tambalan
16+806	√		L	4.60	1.05		4.83	Retak Pinggir
16+815		√	L	3.30	1.10		3.63	Tambalan
16+822		√	L	3.30	1.00		3.3	Retak Kulit Buaya
16+835		√	M	6.00	1.00		6	Tambalan
16+868		√	L	8.00	1.20	0.04	9.6	Amblas
16+886	√		M	6.00	1.10		6.6	Tambalan
16+900	√		L	8.00	0.80		6.4	Tambalan
16+905	√		M	0.10	0.40	0.05	0.04	Lubang
16+906	√		M	0.35	0.40	0.04	0.14	Lubang
16+923	√		M	2.00	0.40	0.05	0.8	Lubang
16+930	√		L	4.50	4.10		18.45	Tambalan
16+941	√		L	69.00	0.75		51.75	Retak Pinggir
16+980	√		L	20.00	0.95		19	Retak Kulit Buaya
16+986		√	L	1.00	0.70		0.7	Pengausan Agregat
16+993		√	M	7.00	1.30		9.1	Kegemukan
17+000		√	L	30.00	0.40		12	Kegemukan
17+018	√		L	23.00	0.90		20.7	Retak Kulit Buaya
17+033		√	L	6.00	2.50		15	Tambalan
17+044	√		L	3.00	1.20		3.6	Tambalan
17+048	√		L	12.00	1.10		13.2	Tambalan
17+063		√	L	7.00	1.10		7.7	Tambalan
17+079	√		L	21.00	1.15		24.15	Retak Kulit Buaya
17+107		√	L	1.32	0.33	0.07	0.4356	Lubang
17+106		√	L	18.00	1.10		19.8	Tambalan
17+130		√	L	25.00	1.50		37.5	Tambalan
17+160	√		L	4.00	1.00		4	Tambalan
17+169	√		L	22.00	4.10		90.2	Tambalan
17+200	√		L	9.00	1.90		17.1	Tambalan
17+210	√		L	11.00	0.90		9.9	Tambalan
17+224		√	L	13.00	0.80		10.4	Tambalan
17+243		√	M	0.70	0.30	0.10	0.21	Lubang
17+250		√	L	7.00	0.35		2.45	Tambalan
17+262	√		L	9.00	1.25		11.25	Retak Kulit Buaya
17+275	√		L	25.00	4.10		102.5	Pengausan Agregat
17+302	√		L	29.00	2.10		60.9	Tambalan
17+330	√		L	9.00	1.30		11.7	Retak Kulit Buaya
17+358	√		L	11.00	0.30	0.05	3.3	Retak Pinggir
17+372		√	L	28.00	4.10		114.8	Tambalan
17+402	√		L	14.00	2.00		28	Tambalan
17+420	√		L	9.00	0.30		2.7	Keriting
17+432	√		L	33.00	1.20		39.6	Retak Kulit Buaya
17+432		√	L	7.00	1.10		7.7	Tambalan
17+438		√	L	8.00	1.20		9.6	Tambalan
17+469		√	L	31.00	1.35		41.85	Tambalan
17+500		√	L	7.00	1.20		8.4	Tambalan
17+500			L	5.00	0.10		0.5	Retak Memanjang/Melintang
17+502	√		L	8.00	2.00		16	Tambalan

Tabel 5. Data Catatan Kondisi dan Hasil Pengukuran Ruas Jalan Berbah-Prambanan STA 15+000 – 20+000 (Lanjutan)

17+516			L	15.00	0.10		1.5	Retak Memanjang/Melintang
17+516		√	M	13.00	1.15		14.95	Tambalan
17+520	√		L	15.00	1.18		17.7	Tambalan
17+523	√		L	0.30	0.26	0.05	0.078	Lubang
17+548		√	L	10.00	2.00		20	Pengausan Agregat
17+557		√	L	11.00	2.00		22	Tambalan
17+565	√		L	13.00	1.20		15.6	Tambalan
17+600	√		L	13.00	2.20		28.6	Tambalan
17+602		√	L	7.00	0.60		4.2	Tambalan
17+617	√		L	10.00	2.10		21	Tambalan
17+628		√	L	4.00	1.50		6	Tambalan
17+636	√		L	5.00	2.00		10	Tambalan
17+643	√		L	14.00	1.20		16.8	Tambalan
17+657	√		H	21.00	2.15		45.15	Pengausan Agregat
17+657	√		L	0.30	0.60	0.25	0.18	Lubang
17+666		√	L	11.00	1.10		12.1	Tambalan
17+679		√	L	5.00	2.00		10	Tambalan
17+693		√	L	13.00	1.35		17.55	Tambalan
17+702	√		M	15.00	2.00		30	Tambalan
17+719	√		L	5.00	2.30		11.5	Tambalan
17+731		√	L	0.30	0.25	0.01	0.075	Lubang
17+734	√		M	29.00	2.00		58	Tambalan
17+767	√		L	5.00	2.30		11.5	Tambalan
17+775		√	L	4.00	1.90		7.6	Tambalan
17+808	√		L	5.00	2.10		10.5	Tambalan
17+812		√	L	3.00	1.30		3.9	Tambalan
17+826	√		L	5.00	2.00		10	Tambalan
17+832		√	L	10.00	1.30		13	Tambalan
17+870		√	L	5.00	2.00		10	Tambalan
17+897	√		L	3.00	2.00		6	Tambalan
17+901	√		L	20.10	0.90		18.09	Tambalan
17+922	√		L	2.70	0.50		1.35	Tambalan
17+930	√		L	1.50	1.00		1.5	Tambalan
17+943	√	√	H	0.90	4.10		3.69	Tambalan
17+945	√		L	1.20	1.00		1.2	Tambalan
17+951	√		L	5.70	0.90		5.13	Pelepasan Butir
17+963	√	√	H	6.30	4.10		25.83	Tambalan
17+970		√	L	3.70	1.20		4.44	Tambalan
17+988		√	L	1.20	1.00		1.2	Tambalan
17+992		√	L	2.70	1.00		2.7	Tambalan
17+995	√		L	1.30	1.00		1.3	Tambalan
18+000		√	L	15.00	1.30		19.5	Tambalan
18+025	√		L	27.00	1.40		37.8	Tambalan
18+036	√		L	6.00	0.50		3	Tambalan
18+048	√		L	11.00	2.00		22	Tambalan
18+048		√	L	9.30	2.10		19.53	Tambalan
18+069	√		L	12.80	1.80		23.04	Pengausan Agregat
18+082	√		L	16.30	1.80		29.34	Tambalan
18+094		√	L	4.80	0.90		4.32	Keriting
18+100	√		L	10.00	2.00		20	Tambalan
18+100		√	L	18.00	2.00		36	Pengausan Agregat
18+121	√	√	L	9.00	4.10		36.9	Tambalan
18+129	√		L	10.00	2.00		20	Pengausan Agregat

Tabel 6. Data Catatan Kondisi dan Hasil Pengukuran Ruas Jalan Berbah-Prambanan STA 15+000 – 20+000 (Lanjutan)

18+129		√	L	8.00	2.00		16	Tambalan
18+142	√		L	10.00	0.50		5	Retak Pinggir
18+154		√	L	12.00	2.00		24	Pengausan Agregat
18+189	√		L	16.00	1.20		19.2	Tambalan
18+205		√	L	2.50	1.20		3	Tambalan
18+207		√	L	3.00	1.20		3.6	Tambalan
18+212	√		L	9.00	0.80		7.2	Retak Kulit Buaya
18+216	√	√	L	11.00	3.00		33	Tambalan
18+227	√		L	12.00	2.10		25.2	Retak Kulit Buaya
18+227		√	L	12.00	2.10		25.2	Retak Kulit Buaya
18+240		√	L	12.00	1.20		14.4	Tambalan
18+247	√		L	9.00	1.40		12.6	Tambalan
18+258		√	M	4.00	1.70		6.8	Tambalan
18+272	√		L	28.00	1.20		33.6	Tambalan
18+305		√	L	7.00	0.90		6.3	Tambalan
18+310		√	L	11.00	0.50		5.5	Tambalan
18+320		√	L	2.50	0.50		1.25	Tambalan
18+342	√		L	3.80	0.50		1.9	Tambalan
18+345	√		M	0.80	0.20		0.16	Retak Pinggir
18+356		√	L	25.00	0.80		20	Tambalan
18+378		√	L	12.00	1.00		12	Pengausan Agregat
18+382	√		M	3.60	1.00		3.6	Pengausan Agregat
18+407		√	L	2.30	0.80		1.84	Retak Kulit Buaya
18+410	√		L	2.00	0.73		1.46	Tambalan
18+417	√		L	9.80	2.30		22.54	Tambalan
18+425	√		L	6.30	0.70		4.41	Retak Pinggir
18+435		√	L	3.70	2.10		7.77	Tambalan
18+440		√	L	9.60	1.80		17.28	Tambalan
18+453		√	L	3.50	1.30		4.55	Tambalan
18+488	√		L	7.70	1.40		10.78	Tambalan
18+503		√	L	1.30	0.70		0.91	Tambalan
18+525		√	L	22.60	1.30		29.38	Tambalan
18+533	√		L	2.70	1.20		3.24	Tambalan
18+535	√		L	15.30	2.40		36.72	Pelepasan Butir
18+565		√	L	13.00	1.80		23.4	Tambalan
18+607			L	10.90	1.30		14.17	Tambalan
18+611	√		H	0.50	0.50	0.06	0.25	Lubang
18+641	√		L	1.20	1.00		1.2	Tambalan
18+655		√	L	22.30	1.70		37.91	Tambalan
18+661	√		L	2.30	1.20		2.76	Tambalan
18+665	√		L	2.50	1.20		3	Tambalan
18+671	√		H	0.50	0.40	0.06	0.2	Amblas
18+678		√	L	19.00	1.60		30.4	Tambalan
18+705	√		L	7.30	1.80		13.14	Tambalan
18+730	√		L	14.30	1.40		20.02	Tambalan
18+747		√	L	7.20	1.20		8.64	Retak Kulit Buaya
18+755	√		L	3.50	0.80		2.8	Tambalan
18+788		√	L	6.30	0.70		4.41	Tambalan
18+811	√		L	3.20	0.70		2.24	Tambalan
18+837		√	L	30.30	1.70		51.51	Tambalan
18+870		√	L	3.50	0.90		3.15	Tambalan
18+888		√	L	2.10	0.70		1.47	Tambalan
18+904	√		L	43.00	2.30		98.9	Tambalan

Tabel 7. Data Catatan Kondisi dan Hasil Pengukuran Ruas Jalan Berbah-Prambanan STA 15+000 – 20+000 (Lanjutan)

18+957		√	H	1.30	4.10		5.33	Keriting
18+987	√		L	3.50	1.70		5.95	Retak Kulit Buaya
19+025	√		H	0.50	0.50	0.06	0.25	Lubang
19+035	√		M	10.70	1.30		13.91	Retak Kulit Buaya
19+060	√		H	3.50	1.20		4.2	Retak Kulit Buaya
19+115	√	√	M	2.30	4.10		9.43	Tambalan
19+121	√		L	14.00	1.90		26.6	Retak Kulit Buaya
19+171		√	M	7.60	1.20		9.12	Retak Kulit Buaya
19+205	√		H	31.00	0.90		27.9	Retak Kulit Buaya
19+241	√		M	8.20	0.70		5.74	Retak Kulit Buaya
19+265	√		M	5.70	0.70		3.99	Retak Kulit Buaya
19+301	√		L	35.00	1.20		42	Retak Kulit Buaya
19+352	√		M	3.90	2.00		7.8	Tambalan
19+357	√		H	47.60	1.90		90.44	Retak Kulit Buaya
19+400		√	H	27.00	1.90		51.3	Retak Kulit Buaya
19+430		√	L	9.80	0.90		8.82	Retak Kulit Buaya
19+447	√		H	31.10	0.90		27.99	Retak Kulit Buaya
19+467	√		M	7.40	1.40		10.36	Tambalan
19+482		√	H	10.20	0.90		9.18	Retak Kulit Buaya
19+505		√	L	2.30	0.40		0.92	Retak Kulit Buaya
19+505	√		M	17.00	1.20		20.4	Retak Kulit Buaya
19+535	√		L	8.40	0.90		7.56	Retak Kulit Buaya
19+555	√		L	8.40	0.90		7.56	Retak Pinggir
19+570	√		H	23.20	1.20		27.84	Retak Kulit Buaya
19+610	√		H	15.00	1.40		21	Retak Kulit Buaya
19+645	√		H	2.70	0.20		0.54	Retak Pinggir
19+675	√		L	7.80	1.50		11.7	Retak Kulit Buaya
19+710	√		L	21.90	1.20		26.28	Retak Kulit Buaya
19+755		√	H	7.20	0.90		6.48	Retak Kulit Buaya
19+762	√		H	0.75	0.75	0.12	0.5625	Lubang
19+780		√	L	2.20	0.90		1.98	Retak Kulit Buaya
19+782	√		H	15.20	0.20		3.04	Retak Pinggir
19+801	√		H	14.50	0.20		2.9	Retak Pinggir
19+830	√		L	11.70	0.90		10.53	Retak Kulit Buaya
19+841		√	L	2.60	0.70		1.82	Tambalan
19+848		√	L	5.30	1.20		6.36	Tambalan
19+867	√		L	8.30	1.20		9.96	Tambalan
19+883		√	L	7.20	0.90		6.48	Retak Kulit Buaya
19+911			L	8.90	0.10		0.89	Retak Memanjang/Melintang
19+918	√		L	6.30	0.90		5.67	Retak Kulit Buaya
19+933	√		L	11.20	1.20		13.44	Retak Kulit Buaya
19+938		√	L	3.30	0.70		2.31	Retak Kulit Buaya
19+955		√	L	5.20	1.30		6.76	Retak Kulit Buaya
19+963	√		M	3.70	0.15		0.555	Retak Pinggir
19+971		√	L	2.70	1.00		2.7	Tambalan
19+982		√	L	8.20	0.80		6.56	Tambalan
19+992	√		L	7.80	1.20		9.36	Tambalan
5+000								
Keterangan :		P = Panjang			L = Lebar			D = Kedalaman
		A = Luas			KA = Kanan			KI = Kiri

LAMPIRAN B

Tabel 1. Perhitungan Densitas dan Deduct Value Kerusakan dengan Menggunakan Metode PCI

AIRFIELD ASPHALT PAVEMENT SKETCH : CONDITION SURVEY DATA SHEET FOR SAMPLE UNIT									Sketch : 100 m			
1	Retak Kulit Buaya (m2)			8	Retak Sambungan (m)			15	Alur (Rutting) (m)			
2	Kegemukan (m2)			9	Pinggir Jalan Turun Vertikal (m2)			16	Sungkur (m)			
3	Retak kotak-Kotak (m2)			10	Retak Memanjang/Melintang (m2)			17	Patah Slip (m2)			
4	Cekungan (m)			11	Tambalan (m2)			18	Mengembang jembul (m2)			
5	Keriting (m2)			12	Pengausan Agregat (m)			19	Pelepasan Butir (m2)			
6	Amblas (m2)			13	Lubang (m2)							
7	Retak Pinggir (m)			14	Rusak Perpotongan Rel (m2)							

STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+000-15+100	7L	2	0.96	0.17			3.134	0.76	3	25
	10L	0.4	0.41	0.8			1.61	0.39	0	
	1L	3.2	1.26	1.68	0.48		6.62	1.61	14	
	9M	4.68					4.68	1.14	6	
	11L	1.14	0.32	3.63			5.09	1.24	2	

STA	DISTRESS / SEVERITY	QUANTITY							TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+100-15+200	10M	3							3.00	0.73	6	46
	11L	1	1.5	2.7	2.16	2.74	4.62	2.37	17.09	4.17	9	
	13M	0.07							0.07	0.02	11	
	1L	3.7							3.70	0.90	10	
	7L	2.8							2.80	0.68	3	
	7M	2.49							2.49	0.61	7	

STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+200-15+300	11L	3.69	13.53	1.55	4		22.77	5.55	11	14
	9L	2.07	2.16				4.23	1.03	3	

STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+300-15+400	1L	7	2.07				9.07	2.21	8	24
	11L	3.69	2.07	3.15			8.91	2.17	5	
	13L	0.15					0.15	0.04	11	

STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+400-15+500	11M	2.79	4.5				7.29	1.78	28	67
	11L	1.47					1.47	0.36	1	
	13M	0.34					0.34	0.08	30	
	7H	2.96					2.96	0.72	3	
	6H	2.24					2.24	0.55	5	

STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+500-15+600	11L	1.86	5.2				7.06	1.72	1	24
	1L	20	28.8	8			56.8	13.85	23	

Tabel 2. Perhitungan Densitas dan Deduct Value Kerusakan dengan Menggunakan Metode PCI (Lanjutan)

STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+600-15+700	11L	4.5	10				14.5	3.54	8	139
	11M	12	7.2				19.2	4.68	21	
	1L	3.5	5.4	8.4			17.3	4.22	24	
	1M	4.8	7.2				12	2.93	36	
	1H	10.80					10.8	2.63	49	
	10L	0.3					0.3	0.07	0	
	9L	1.8					1.8	0.44	1	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+700-15+800	1M	12	7				19	4.63	38	103
	1L	18	7.2	22.5			47.7	11.63	14	
	11M	11.9	7.15				19.05	4.65	21	
	11L	6.3					6.3	1.54	4	
	9M	11.00					11	2.68	8	
	9H	16.2					16.2	3.95	18	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+800-15+900	11L	10	9				19	4.63	10	106
	11M	12	18.45	11.7			42.15	10.28	33	
	1L	31.2	7.6	13.2			52	12.68	34	
	1M	28.5					28.5	6.95	29	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
15+900-16+000	11L	16	8.4				24.4	5.95	11	77
	11M	19.2					19.2	4.68	21	
	10L	0.41	0.41	0.41			1.23	0.30	0	
	10M	0.41					0.41	0.10	1	
	9L	5.40					5.4	1.32	5	
	9M	8.4					8.4	2.05	6	
	1M	2.1	20	114			136.1	33.20	33	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+000-16+100	11L	72	15				87	21.22	5	65
	11M	80					80	19.51	14	
	1M	13.5	25				38.5	9.39	46	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+100-16+200	1L	6.4	6.4	18.00			30.8	7.51	30	115
	1M	30					30	7.32	43	
	11L	3.5	7.2	10			20.7	5.05	11	
	13L	0.8					0.8	0.20	31	
	12L	6.30					6.3	1.54	0	

Tabel 3. Perhitungan Densitas dan Deduct Value Kerusakan dengan Menggunakan Metode PCI (Lanjutan)

STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+200-16+300	11L	0.45	0.5	2.00	8.4	11.2	22.55	5.50	10	47
	1L	13.2	37.5				50.7	12.37	34	
	9L	7.2					7.2	1.76	3	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+300-16+400	1L	4.2	6.6	9.10	4.8	1	25.7	6.27	28	34
	11L	1.14	1.61	21.32	24	49.2	97.27	23.72	4	
	11M	6.48					6.48	1.58	2	
	10L	0.41					0.41	0.10	0	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+400-16+500	11L	3.72	3.84	4.50			12.06	2.94	9	9
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+500-16+600	11L	7.2	18				25.2	6.15	12	23
	1L	4.5	0.45				4.95	1.21	11	
	10L	0.41					0.41	0.10	0	
STA	DISTRESS SEVERITY	QUANTITY						TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+600-16+700	1L	5.5	3.6	5.40	5.6	13.3	6.6	40.00	9.76	33	54
	6L	4.2	3.6					7.80	1.90	6	
	11L	7.02						7.02	1.71	3	
	11M	4.2	2.4					6.60	1.61	12	
	10L	.40						0.40	0.10	0	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+700-16+800	7L	16.2	34.8				51	12.44	12	43
	11L	9	11.4	7	16.1		43.5	10.61	20	
	13L	0.06					0.06	0.01	1	
	8L	16.4					16.4	4.00	8	
	5L	4.80					4.8	1.17	2	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+800-16+900	11L	6.25	3.63				9.88	2.41	6	41
	11M	6	6.6				12.6	3.07	18	
	7L	4.83					4.83	1.18	3	
	1L	3.3					3.3	0.80	9	
	6L	9.60					9.6	2.34	5	

Tabel 4. Perhitungan Densitas dan Deduct Value Kerusakan dengan Menggunakan Metode PCI (Lanjutan)

STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
16+900-17+000	11L	6.4	18.45				24.85	6.06	12	83
	13M	0.04	0.14	0.8			0.98	0.24	33	
	7L	51.75					51.75	12.62	12	
	1L	19					19	4.63	25	
	12L	0.7					0.7	0.17	0	
	2M	9.1					9.1	2.22	1	
STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+000-17+100	2L	12					12	2.93	0	46
	1L	20.7	24.15				44.85	10.94	40	
	11L	15	3.6	13.2	7.7		39.5	9.63	6	
STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+100-17+200	13L	0.43					0.43	0.10	2	31
	11L	19.8	37.5	4	90.2		151.5	36.95	29	
STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+200-17+300	11L	17.1	9.9	10.40	2.45		39.85	9.72	17	66
	13M	0.21					0.21	0.05	22	
	1L	11.25					11.25	2.74	20	
	12L	102.5					102.5	25.00	7	
STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+300-17+400	11L	60.9	114.8				175.7	42.85	31	40
	1L	1.7					1.7	0.41	6	
	7L	3.3					3.3	0.80	3	
STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+400-17+500	11L	28	7.7	9.60	41.85		87.15	21.26	4	39
	5L	2.7					2.7	0.66	1	
	1L	39.6					39.6	9.66	34	
STA	DISTRESS / SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+500-17+600	11L	8.4	16	17.70	22	15.6	79.7	19.44	23	52
	11M	14.95					14.95	3.65	19	
	10L	0.5	1.5				2	0.49	0	
	13L	0.07					0.07	0.02	9	
	12L	20.00					20	4.88	1	

STA	DISTRESS / SEVERITY	QUANTITY									TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+600-17+700	11L	28.6	4.2	21	6	10	16.8	12.1	10	17.55	69.8	17.02	21	36
	12H	45.15									45.15	11.01	4	
	13L	0.18									0.18	0.04	11	

Tabel 5. Perhitungan Densitas dan Deduct Value Kerusakan dengan Menggunakan Metode PCI (Lanjutan)

STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+700-17+800	11L	11.5	11.5	7.60			30.6	7.46	13	62
	11M	30	58				88	21.46	42	
	13L	0.07					0.07	0.02	7	

STA	DISTRESS SEVERITY	QUANTITY						TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+800-17+900	11L	10.5	3.9	10	13	10	6	53.40	13.02	19	19

STA	DISTRESS SEVERITY	QUANTITY								TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
17+900-18+000	11L	18.09	1.35	1.50	1.2	4.44	1.2	2.7	1.3	31.78	7.75	4	52
	11H	3.69	25.83							29.52	7.20	46	
	19L	5.13								5.13	1.25	2	

STA	DISTRESS SEVERITY	QUANTITY						TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+000-18+100	11L	19.5	37.8	3	22	19.53	29.34	131.17	31.99	28	31
	12L	23.04						23.04	5.62	1	
	5L	4.32						4.32	1.05	2	

STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+100-18+200	11L	20	36.9	16.00	19.2		92.1	22.46	23	32
	12L	36	20	24			80	19.51	6	
	7L	5					5	1.22	3	

STA	DISTRESS SEVERITY	QUANTITY						TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+200-18+300	11L	3	3.6	33	14.4	12.6	33.6	100.20	24.44	26	75
	11M	6.8						6.80	1.66	12	
	1L	7.2	25.2	25.2				57.60	14.05	37	

STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+300-18+400	11L	6.3	5.5	1.25	1.9	20	34.95	8.52	15	15
	7M	0.16					0.16	0.04	0	
	12L	12					12	2.93	0	
	12M	3.6					3.6	0.88	0	

STA	DISTRESS SEVERITY	QUANTITY						TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+400-18+500	1L	1.84						1.84	0.45	6	28
	11L	1.46	22.54	7.77	17.28	4.55	10.78	64.38	15.70	20	
	7L	4.41						4.41	1.08	2	

Tabel 6. Perhitungan Densitas dan Deduct Value Kerusakan dengan Menggunakan Metode PCI (Lanjutan)

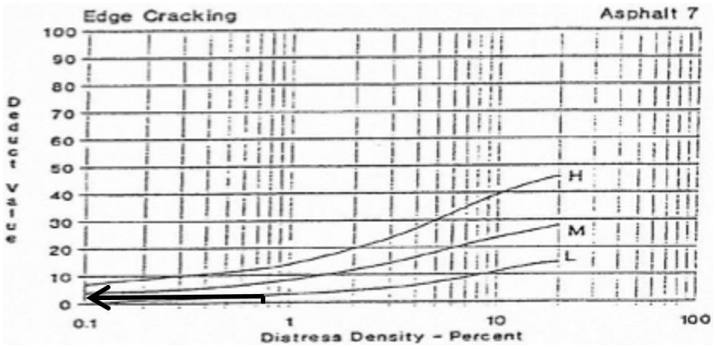
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+500-18+600	11L	0.91	29.38	3.24	23.4		56.93	13.89	19	24
	19L	36.72					36.72	8.96	5	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+600-18+700	11L	14.17	1.2	37.91	2.76	3	89.44	21.81	23	81
	13H	0.25					0.25	0.06	46	
	6H	0.2					0.20	0.05	12	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+700-18+800	11L	13.4	20.02	2.8	4.41		40.63	9.91	17	35
	1L	8.64					8.64	2.11	18	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+800-18+900	11L	2.24	51.51	3.15	1.47		58.37	14.24	19	19
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
18+900-19+000	11L	98.9					98.9	24.12	25	74
	5H	5.33					5.33	1.30	37	
	1L	5.95					5.95	1.45	12	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+000-19+100	13H	0.25					0.25	0.06	6	71
	1M	13.91					13.91	3.39	35	
	1H	4.2					4.2	1.02	30	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+100-19+200	11M	9.43					9.43	2.30	15	61
	1L	26.6					26.6	6.49	28	
	1M	9.12					9.12	2.22	18	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+200-19+300	1M	5.74	3.99				9.73	2.37	30	88
	1H	27.9					27.9	6.80	58	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+300-19+400	1L	42					42	10.24	35	121
	1H	90.44					90.44	22.06	72	
	11M	7.8					7.8	1.90	14	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+400-19+500	1L	8.82					8.82	2.15	18	105
	1H	51.3	27.99	9.18			88.47	21.58	71	
	11M	10.36					10.36	2.53	16	

Tabel 7. Perhitungan Densitas dan Deduct Value Kerusakan dengan Menggunakan Metode PCI (Lanjutan)

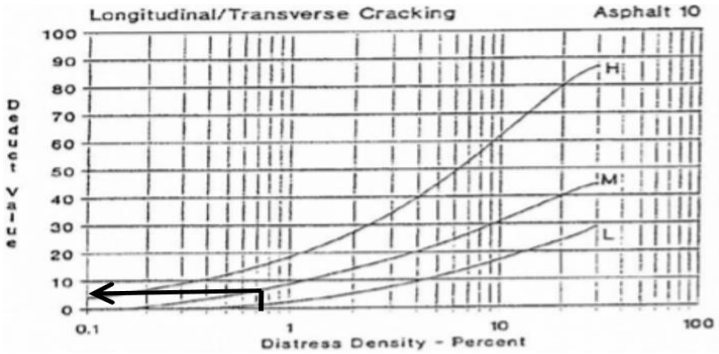
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+500-19+600	1L	0.92	7.56				8.48	2.07	18	119
	1M	20.4					20.4	4.98	39	
	1H	27.84					27.84	6.79	58	
	7L	7.56					7.56	1.84	4	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+600-19+700	1L	11.7					11.7	2.85	20	81
	1H	21					21	5.12	53	
	7H	0.54					0.54	0.13	8	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+700-19+800	1L	26.28	1.98				28.26	6.89	29	136
	1H	6.48					6.48	1.58	37	
	13H	0.56					0.56	0.14	58	
	7H	3.04					3.04	0.74	12	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+800-19+900	7H	2.9					2.9	0.71	12	44
	1L	10.53	6.48				17.01	4.15	23	
	11L	1.82	6.36	9.96			18.14	4.42	9	
STA	DISTRESS SEVERITY	QUANTITY					TOTAL	DENSITY (%)	DEDUCT VALUE	TOTAL (DV)
19+900-20+000	10L	0.89					0.89	0.22	0	43
	1L	5.67	13.44	2.31	6.76		28.18	6.87	29	
	7M	0.55					0.55	0.13	4	
	11L	2.7	6.56	9.36			18.62	4.54	10	

LAMPIRAN C

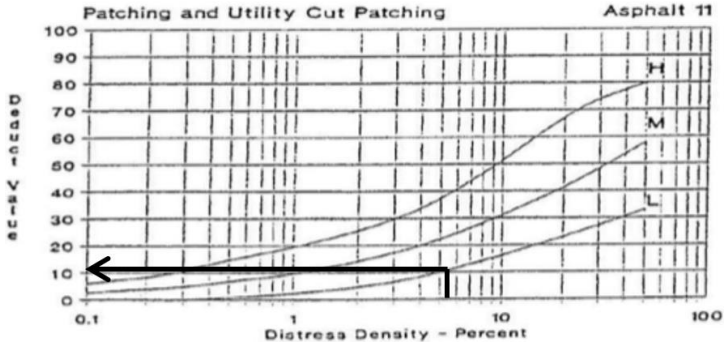
CONTOH PERHITUNGAN GRAFIK *DEDUCT VALUE*



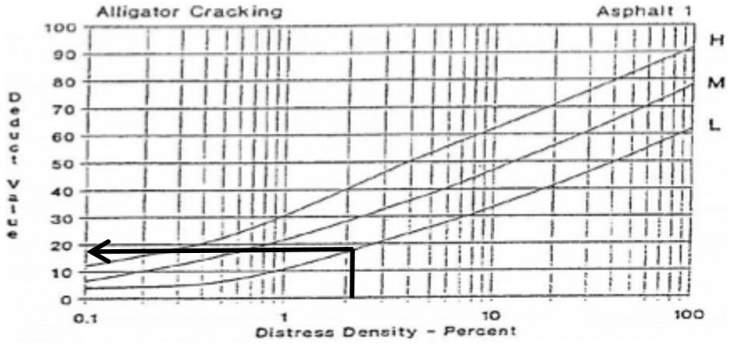
Gambar 1. Grafik *Deduct Value* Retak Pinggir STA 15+000 – 15+100



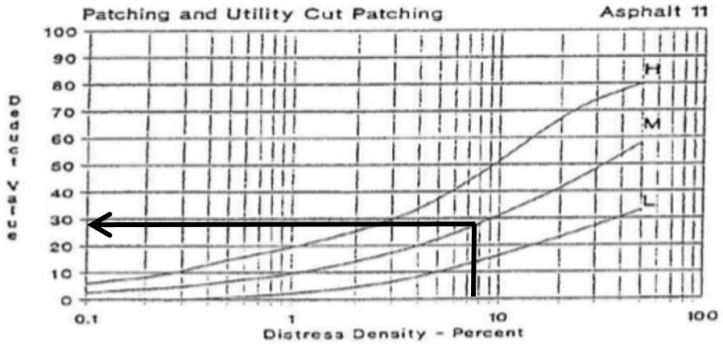
Gambar 2. Grafik *Deduct Value* Retak Memanjang/Melintang STA 15+100 – 15+200



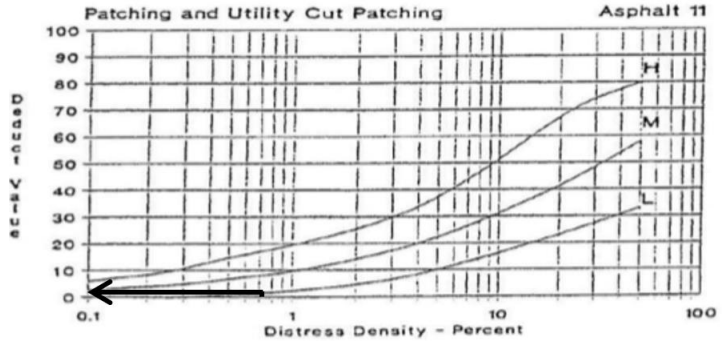
Gambar 3. Grafik *Deduct Value* Tambalan STA 15+200 – 15+300



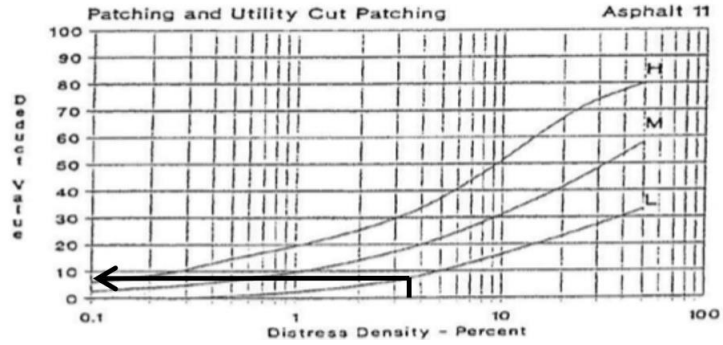
Gambar 4. Grafik *Deduct Value* Kulit Buaya STA 15+300 – 15+400



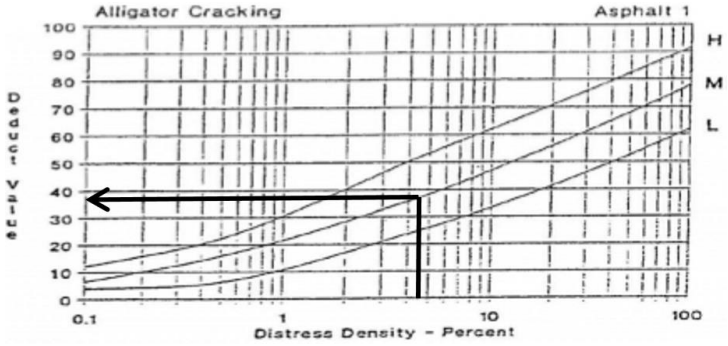
Gambar 5. Grafik *Deduct Value* Tambalan STA 15+400 – 15+500



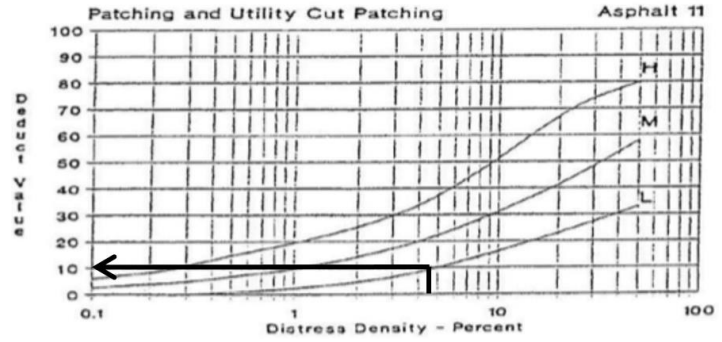
Gambar 6. Grafik *Deduct Value* Tambalan STA 15+500 – 15+600



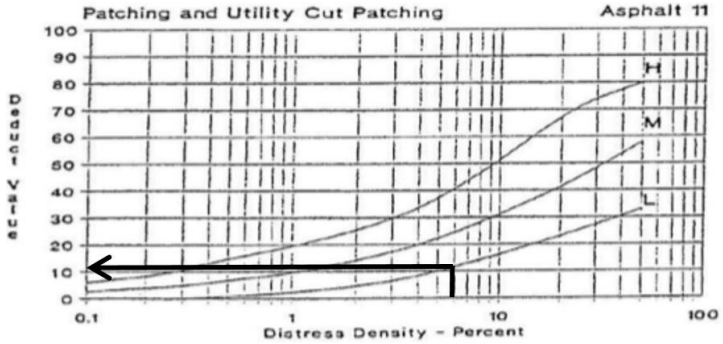
Gambar 7. Grafik *Deduct Value* Tambalan STA 15+600 – 15+700



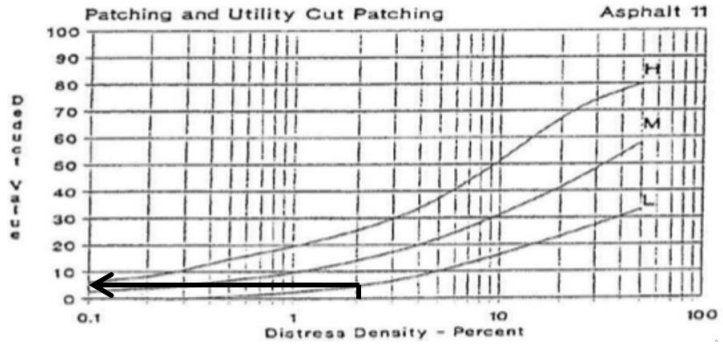
Gambar 8. Grafik *Deduct Value* Kulit Buaya STA 15+700 – 15+800



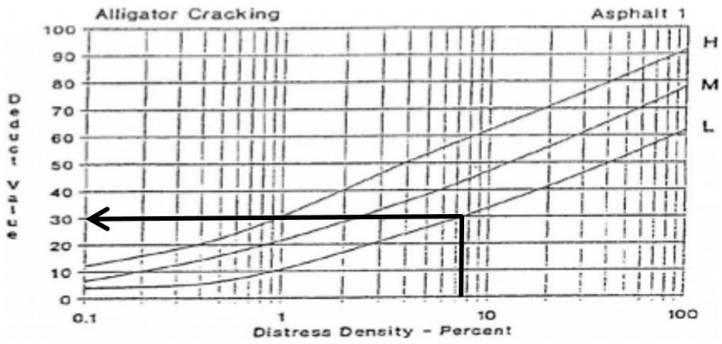
Gambar 9. Grafik *Deduct Value* Tambalan STA 15+800 – 15+900



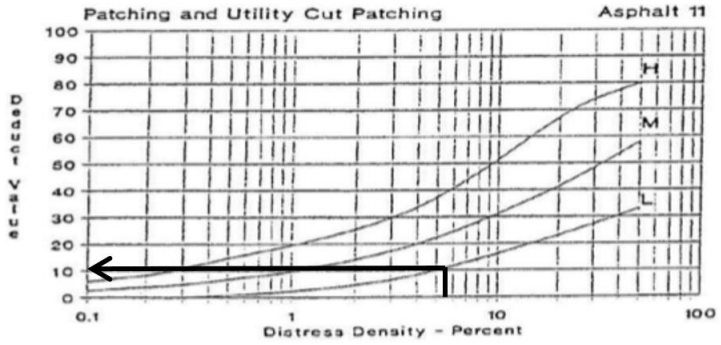
Gambar 10. Grafik *Deduct Value* Tambalan STA 15+900 – 16+000



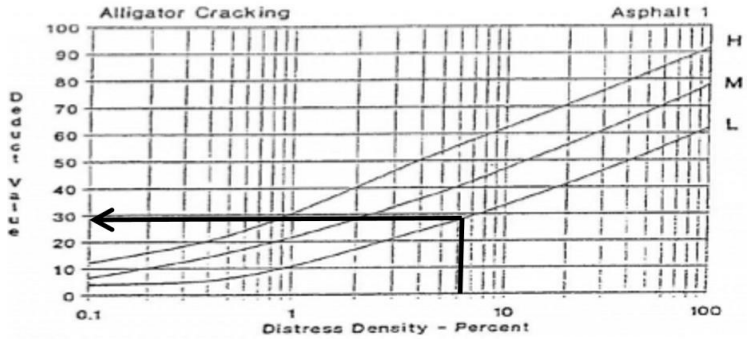
Gambar 11. Grafik *Deduct Value* Tambalan STA 16+000 – 16+100



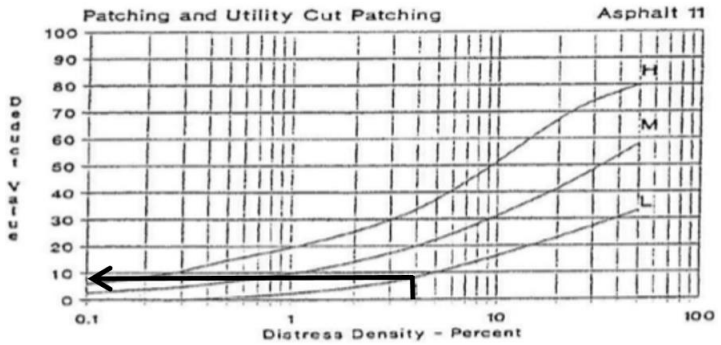
Gambar 12. Grafik *Deduct Value* Retak Kulit Buaya STA 16+100 – 16+200



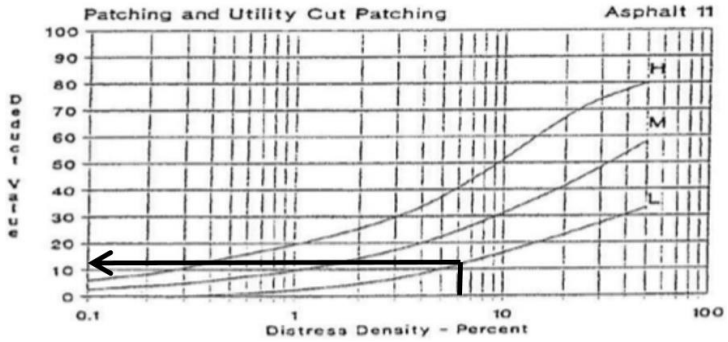
Gambar 13. Grafik *Deduct Value* Tambalan STA 16+200 – 16+300



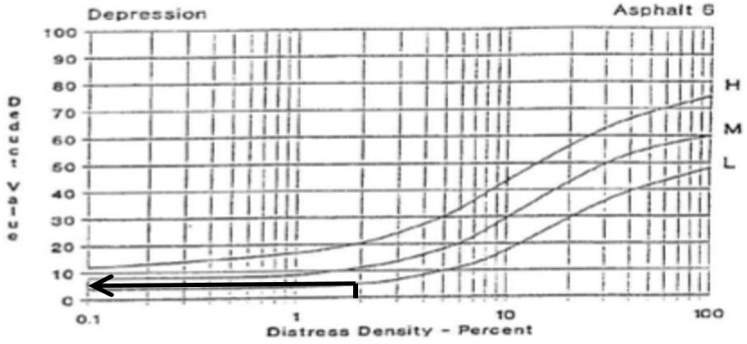
Gambar 14. Grafik *Deduct Value* Retak Kulit Buaya STA 16+300 – 16+400



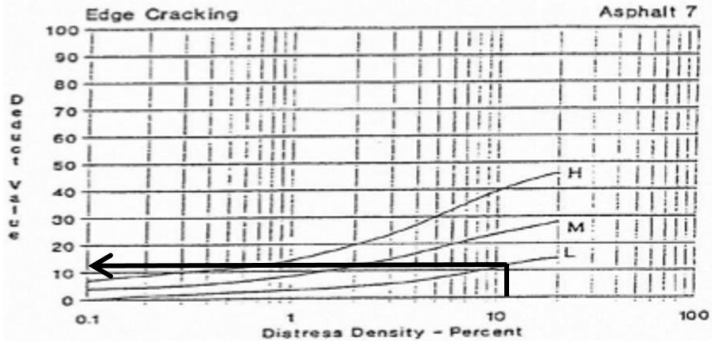
Gambar 15. Grafik *Deduct Value* Tambalan STA 16+400 – 16+500



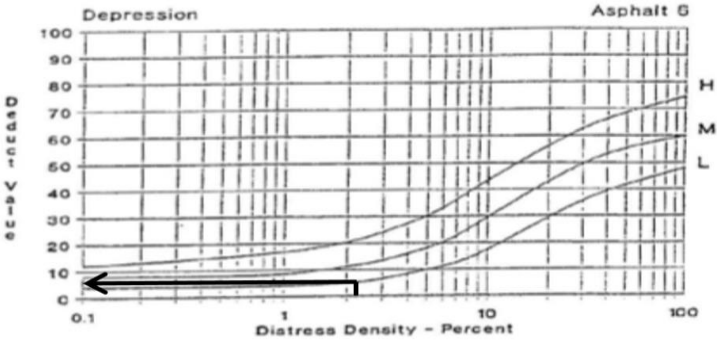
Gambar 16. Grafik *Deduct Value* Tambalan STA 16+500 – 16+600



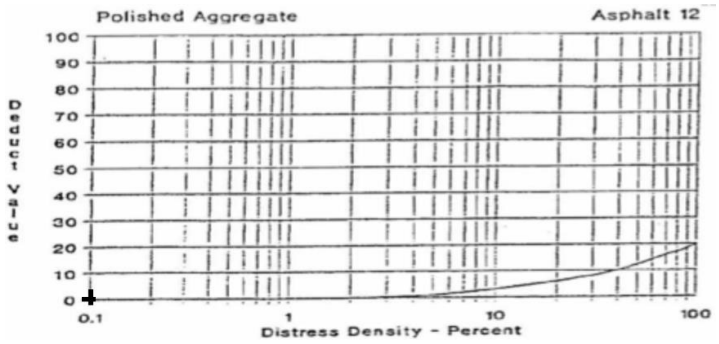
Gambar 17. Grafik *Deduct Value* Amblas STA 16+600 – 16+700



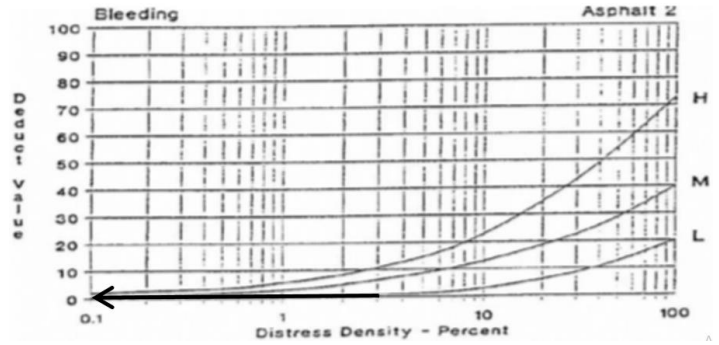
Gambar 18. Grafik *Deduct Value* Retak Pinggir STA 16+700 – 16+800



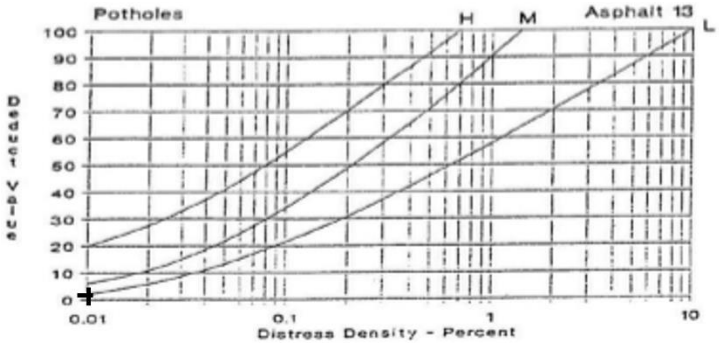
Gambar 19. Grafik *Deduct Value* Amblas STA 16+800 – 16+900



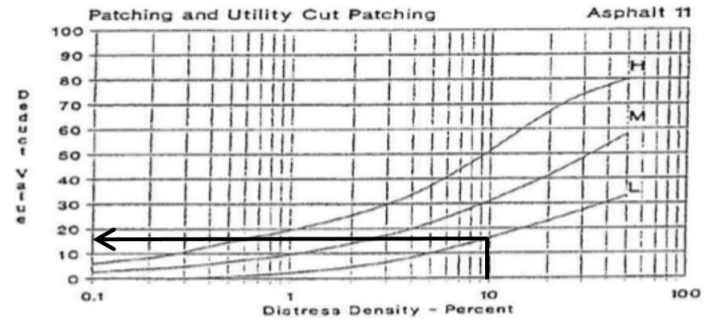
Gambar 20. Grafik *Deduct Value* Pengausan Agregat STA 16+900 – 17+000



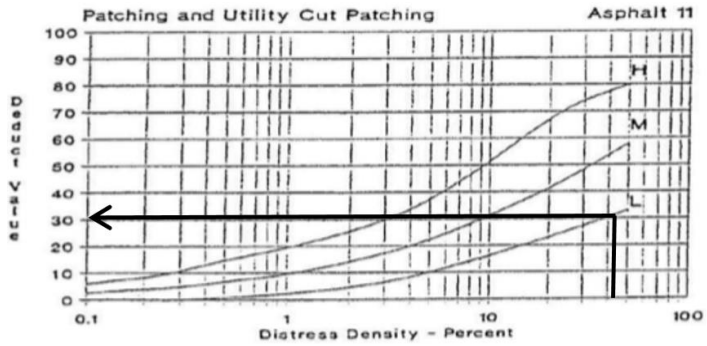
Gambar 21. Grafik *Deduct Value* Kegemukan STA 17+000 – 17+100



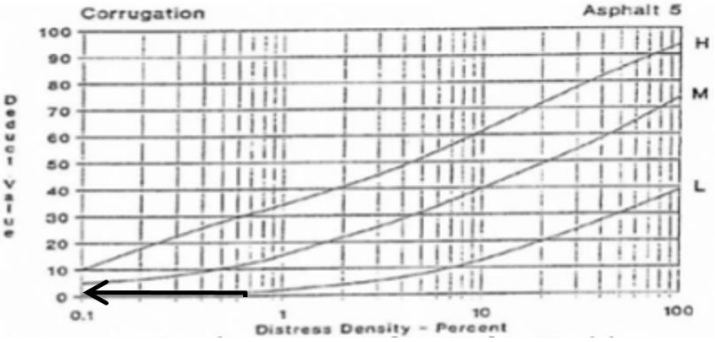
Gambar 22. Grafik *Deduct Value* Lubang STA 17+100 – 17+200



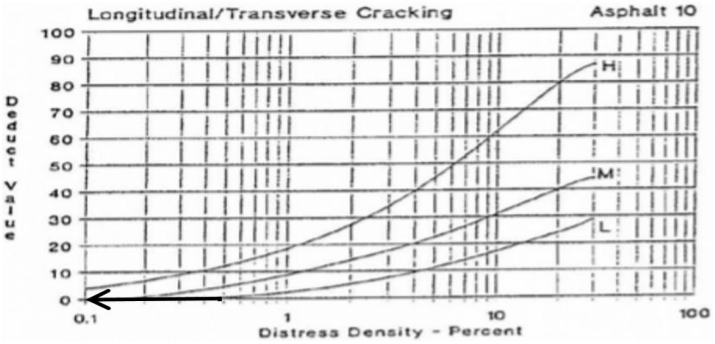
Gambar 23. Grafik *Deduct Value* Tambalan STA 17+200 – 17+300



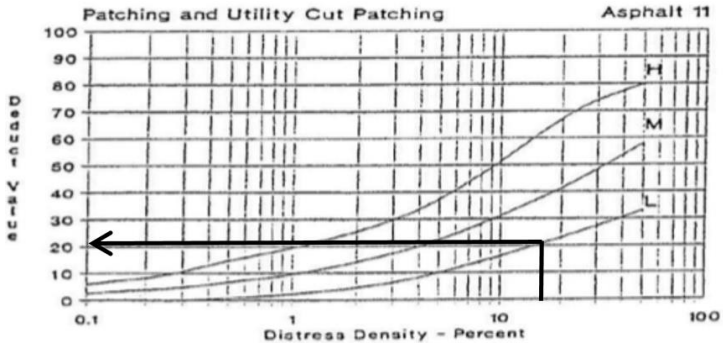
Gambar 24. Grafik *Deduct Value* Tambalan STA 17+300 – 17+400



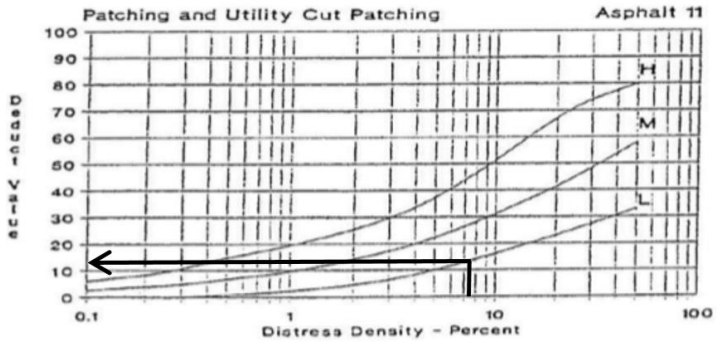
Gambar 25. Grafik *Deduct Value* Keriting STA 17+400 – 17+500



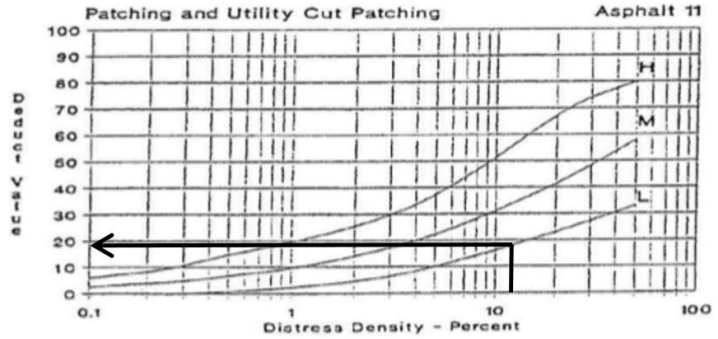
Gambar 26. Grafik *Deduct Value* Retak Memanjang/Melintang STA 17+500 – 17+600



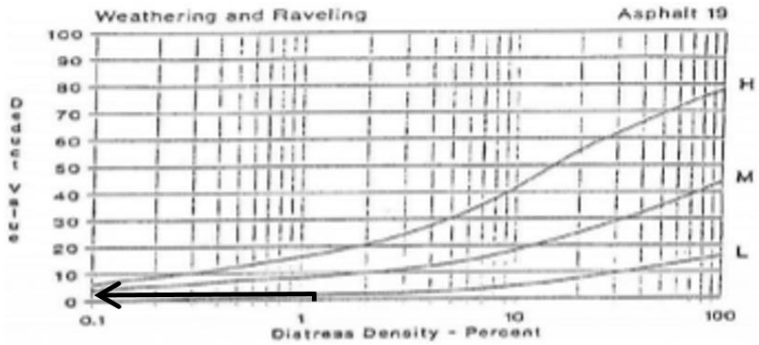
Gambar 27. Grafik *Deduct Value* Tambalan STA 17+600 – 17+700



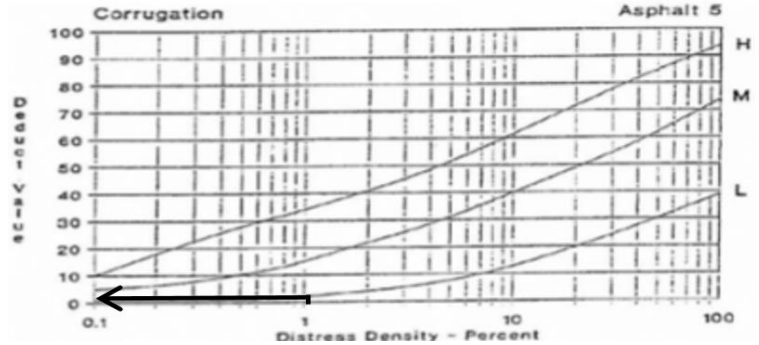
Gambar 28. Grafik *Deduct Value* Tambalan STA 17+700 – 17+800



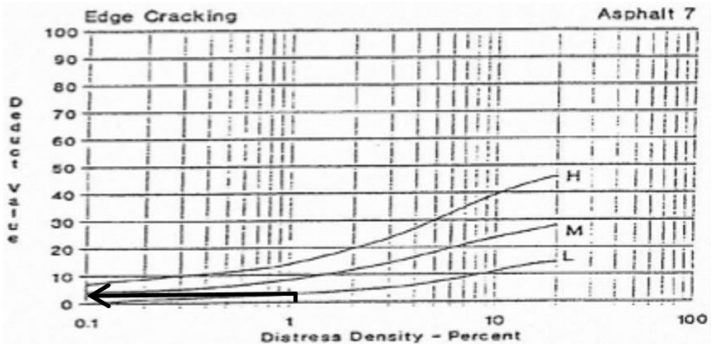
Gambar 29. Grafik *Deduct Value* Tambalan STA 17+800 – 17+900



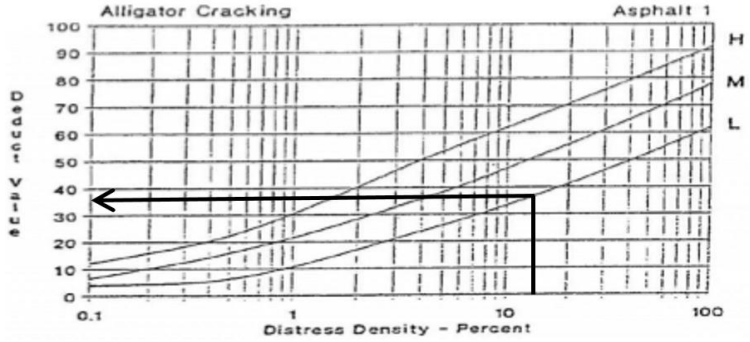
Gambar 30. Grafik *Deduct Value* Pelepasan Butir STA 17+900 – 18+000



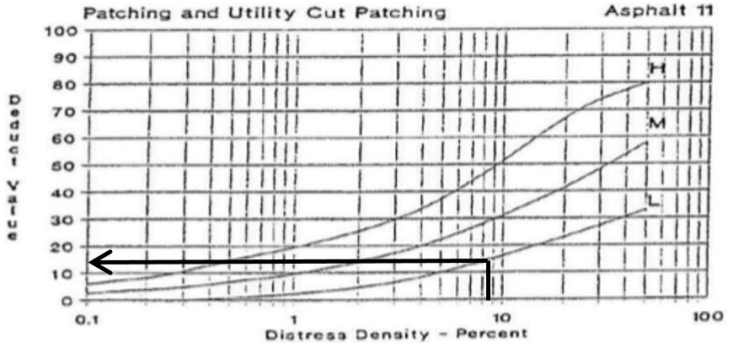
Gambar 31. Grafik *Deduct Value* Keriting STA 18+000 – 18+100



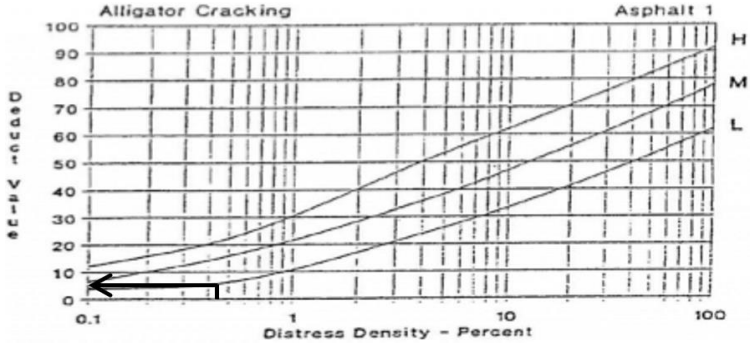
Gambar 32. Grafik *Deduct Value* Retak Pinggir STA 18+100 – 18+200



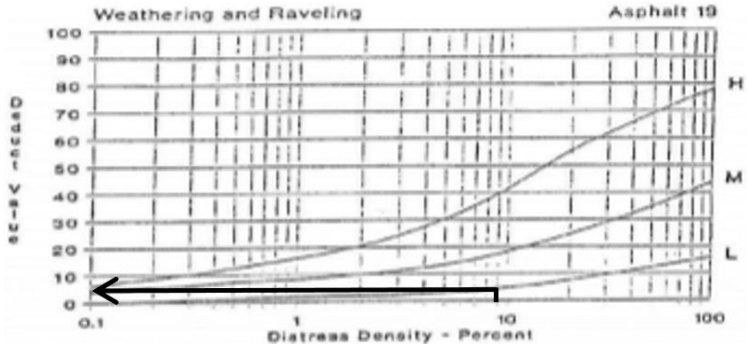
Gambar 33. Grafik *Deduct Value* Retak Kulit Buaya STA 18+200 – 18+300



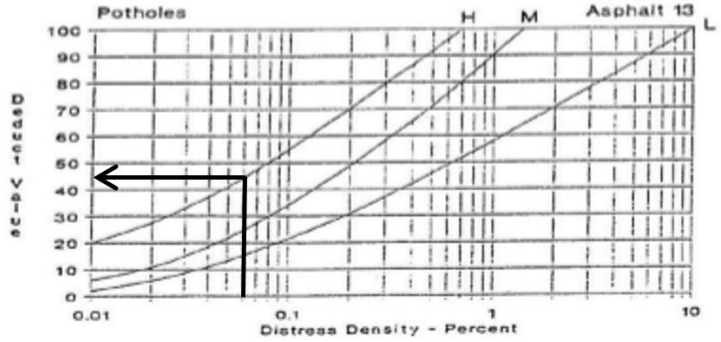
Gambar 34. Grafik *Deduct Value* Tambalan STA 18+300 – 18+400



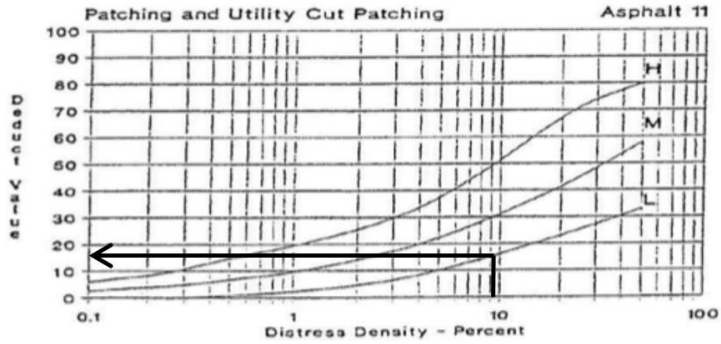
Gambar 35. Grafik *Deduct Value* Retak Pinggir STA 18+400 – 18+500



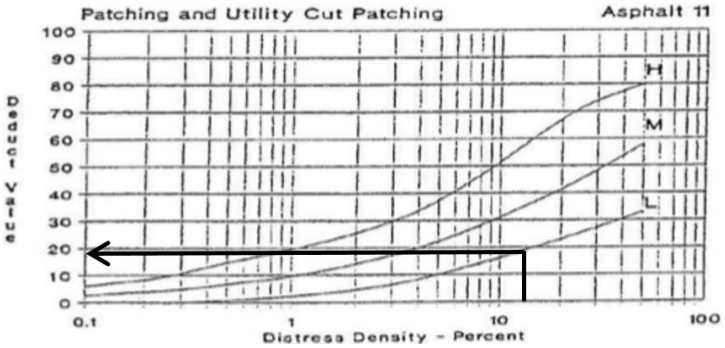
Gambar 36. Grafik *Deduct Value* Pelepasan Butir STA 18+500 – 18+600



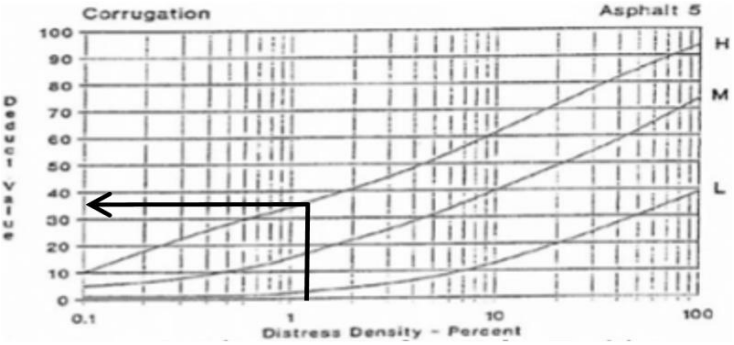
Gambar 37. Grafik *Deduct Value* Lubang STA 18+600 – 18+700



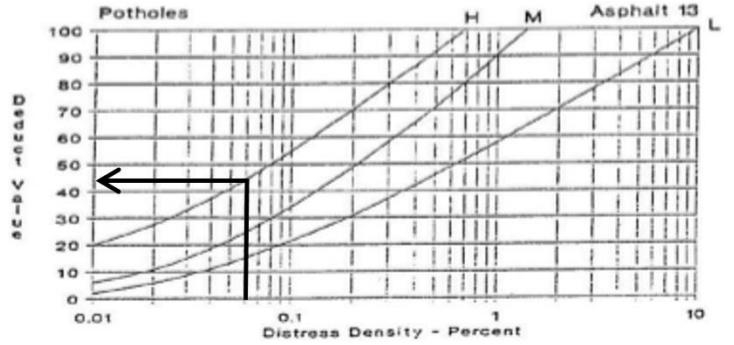
Gambar 38. Grafik *Deduct Value* Tambalan STA 18+700 – 18+800



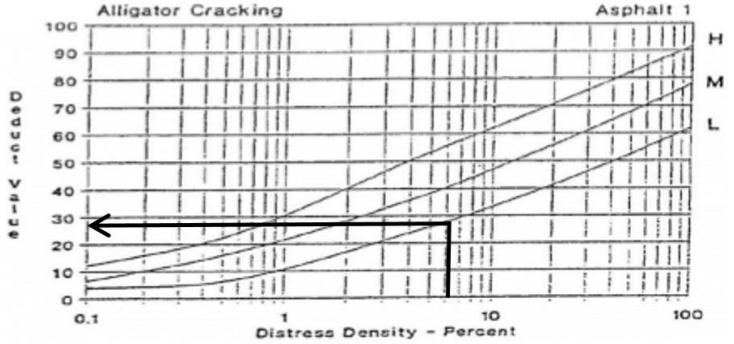
Gambar 39. Grafik *Deduct Value* Tambalan STA 18+800 – 18+900



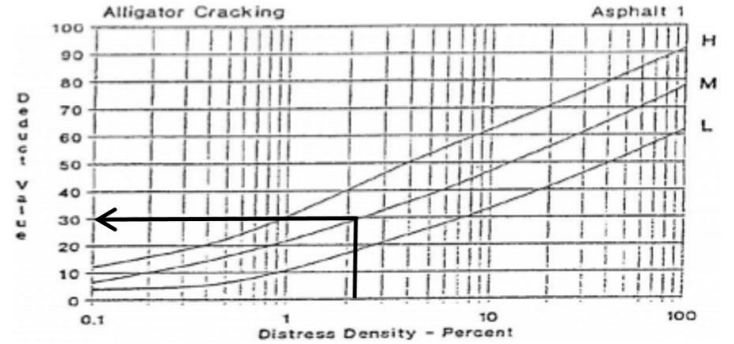
Gambar 40. Grafik *Deduct Value* Keriting STA 18+900 – 19+000



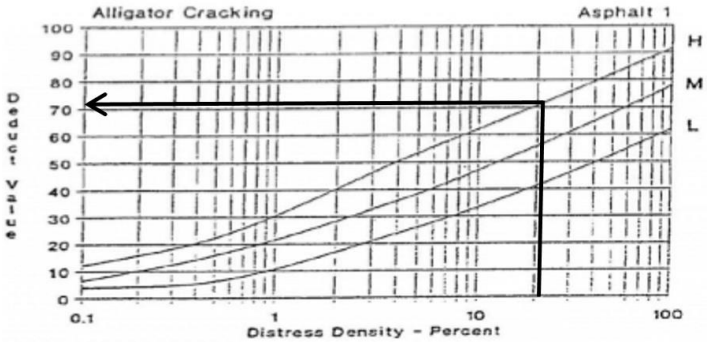
Gambar 41. Grafik *Deduct Value* Lubang STA 19+000 – 19+100



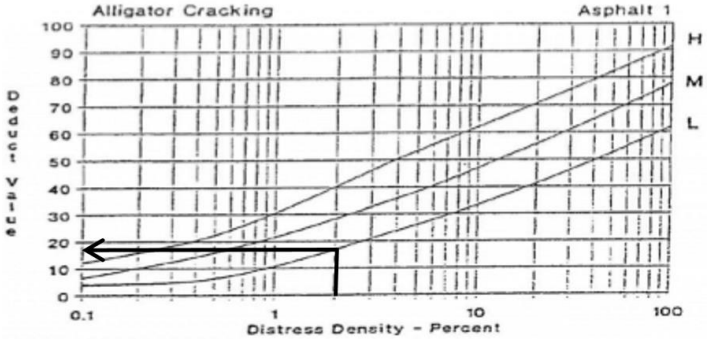
Gambar 42. Grafik *Deduct Value* Retak Kulit Buaya STA 19+100 – 19+200



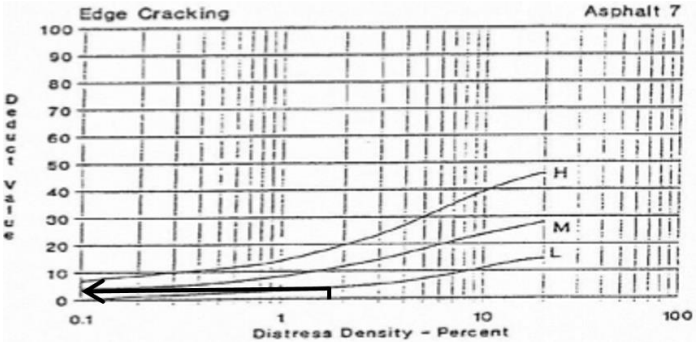
Gambar 43. Grafik *Deduct Value* Retak Kulit Buaya STA 19+200 – 19+300



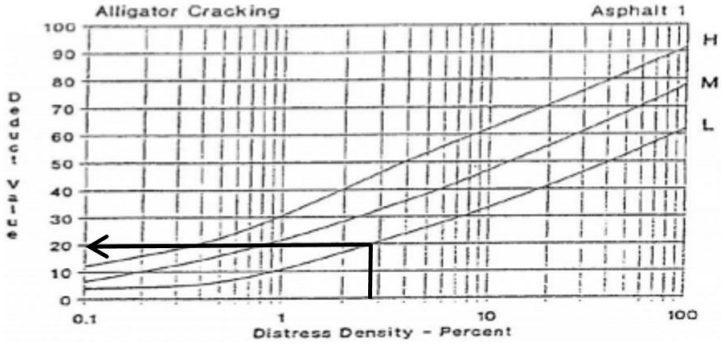
Gambar 44. Grafik *Deduct Value* Retak Kulit Buaya STA 19+300 – 19+400



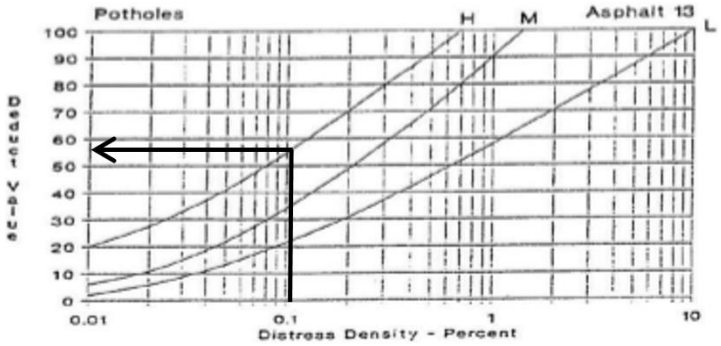
Gambar 45. Grafik *Deduct Value* Retak Kulit Buaya STA 19+400 – 19+500



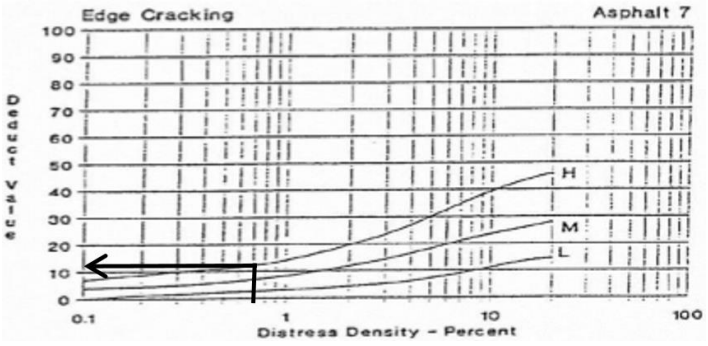
Gambar 46. Grafik *Deduct Value* Retak Pinggir STA 19+500 – 19+600



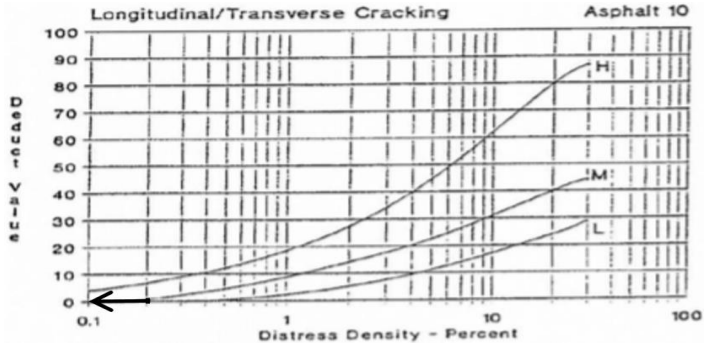
Gambar 47. Grafik *Deduct Value* Retak Kulit Buaya STA 19+600 – 19+700



Gambar 48. Grafik *Deduct Value* Lubang STA 19+700 – 19+800



Gambar 49. Grafik *Deduct Value* Retak Pinggir STA 19+800 – 19+900



Gambar 50. Grafik *Deduct Value* Retak Memanjang/Melintang STA 19+900 – 20+000

LAMPIRAN D

Tabel 1. HASIL PERHITUNGAN *CORRECTED DEDUCT VALUE (CDV)*

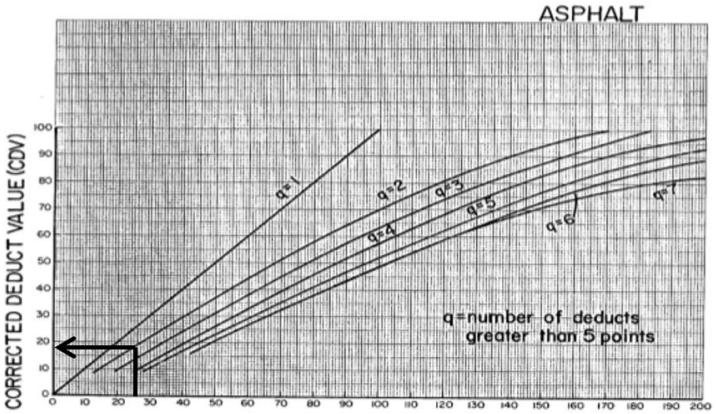
STA	Deduct Value (DV)							TOTAL	Q	CDV MAKS
15+000 s/d 15+100	14	6	3	2	0			25	2	18
15+100 s/d 15+200	11	10	9	7	6	3		46	5	21
15+200 s/d 15+300	11	3						14	1	15
15+300 s/d 15+400	11	8	5					24	2	17
15+400 s/d 15+500	30	28	5	3	1			67	2	50
15+500 s/d 15+600	23	1						24	1	24
15+600 s/d 15+700	49	36	24	21	8	1	0	139	5	78
15+700 s/d 15+800	38	21	18	14	8	4		103	6	50
15+800 s/d 15+900	34	33	29	10				106	4	55
15+900 s/d 16+000	33	21	11	6	5	1	0	77	4	44
16+000 s/d 16+100	46	14	5					65	2	48
16+100 s/d 16+200	43	31	30	11	0			115	4	60
16+200 s/d 16+300	34	10						44	2	35
16+300 s/d 16+400	28							28	1	35
16+400 s/d 16+500	9							9	1	10
16+500 s/d 16+600	12	11	0					23	2	17
16+600 s/d 16+700	33	12	6	3	0			54	3	34
16+700 s/d 16+800	20	12	8	2	1			43	3	27
16+800 s/d 16+900	18	9	6	5	3			41	3	25
16+900 s/d 17+000	33	25	12	12	1	0		83	4	47
17+000 s/d 17+100	40	6	0					46	2	34
17+100 s/d 17+200	29	2						31	1	30
17+200 s/d 17+300	22	20	17	7				66	4	37
17+300 s/d 17+400	31	6	3					40	2	29
17+400 s/d 17+500	34	4	1					39	1	38
17+500 s/d 17+600	23	19	9	1	0			52	3	32
17+600 s/d 17+700	21	4	11					36	2	27
17+700 s/d 17+800	42	13	7					62	3	40
17+800 s/d 17+900	19							19	1	19
17+900 s/d 18+000	46	4	2					52	1	52
18+000 s/d 18+100	28	2	1					31	1	30
18+100 s/d 18+200	23	6	3					32	2	23
18+200 s/d 18+300	37	26	12					75	3	48
18+300 s/d 18+400	15	0	0	0				15	1	16
18+400 s/d 18+500	20	6	2					28	2	20
18+500 s/d 18+600	19	5						24	1	24
18+600 s/d 18+700	46	23	12					81	3	52
18+700 s/d 18+800	18	17						35	2	26
18+800 s/d 18+900	19							19	1	19

Tabel 2. HASIL PERHITUNGAN *CORRECTED DEDUCT VALUE (CDV)*

18+900 s/d 19+000	37	25	12					74	3	48
19+000 s/d 19+100	35	30	6					71	3	45
19+100 s/d 19+200	28	18	15					61	3	39
19+200 s/d 19+300	58	30						88	2	63
19+300 s/d 19+400	72	35	14					121	3	75
19+400 s/d 19+500	71	18	16					105	3	58
19+500 s/d 19+600	58	39	18	4				119	3	73
19+600 s/d 19+700	53	20	8					81	3	52
19+700 s/d 19+800	58	37	29	12				136	4	77
19+800 s/d 19+900	23	12	9					44	3	26
19+900 s/d 20+000	29	4	10	0				43	2	32

LAMPIRAN E

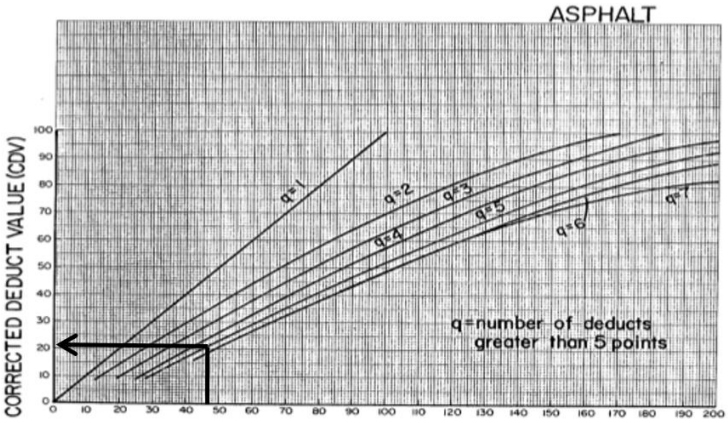
PERHITUNGAN GRAFIK *CORRECTED DEDUCT VALUE (CDV)*



Gambar 1. Grafik CDV STA 15+000 – 15+100

Total *Deduct Velue* = 25

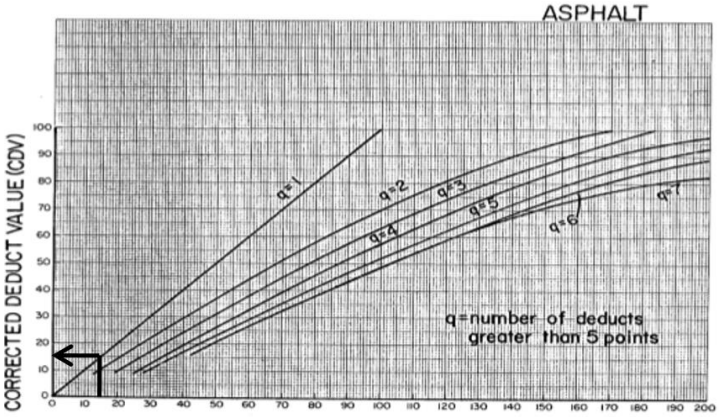
Dari hasil didapat grafik *Corrected Deduct Value* = 18



Gambar 2. Grafik CDV STA 15+100 – 15+200

Total *Deduct Velue* = 46

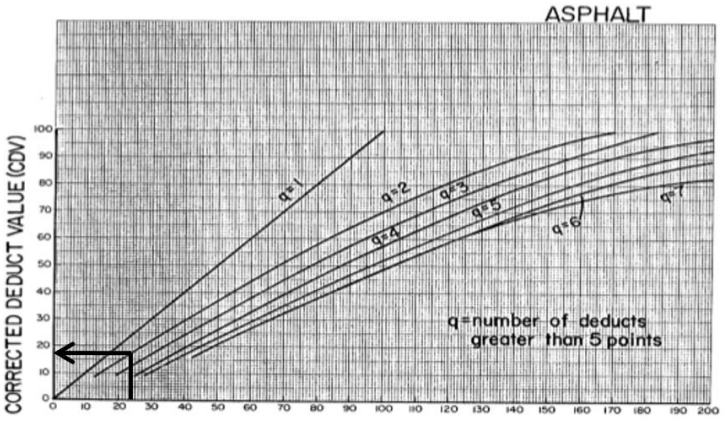
Dari hasil didapat grafik *Corrected Deduct Value* = 21



Gambar 3. Grafik CDV STA 15+200 – 15+300

Total *Deduct Velue* = 14

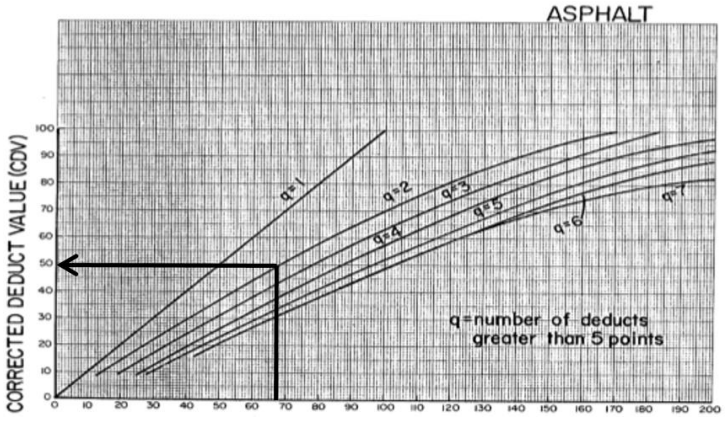
Dari hasil didapat grafik *Corrected Deduct Value* = 15



Gambar 4. Grafik CDV STA 15+300 – 15+400

Total *Deduct Velue* = 24

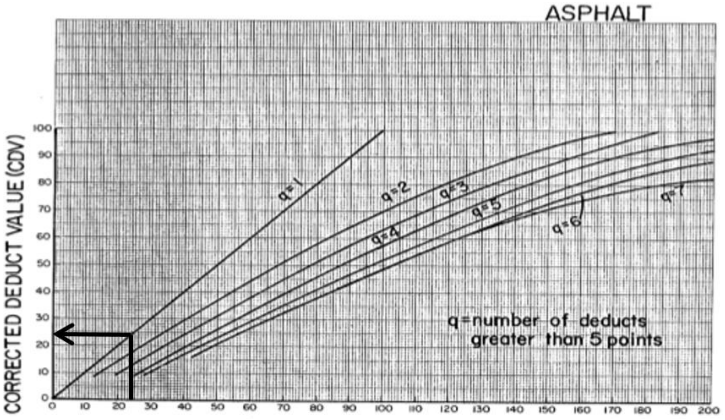
Dari hasil didapat grafik *Corrected Deduct Value* = 17



Gambar 5. Grafik CDV STA 15+400 – 15+500

Total *Deduct Velue* = 67

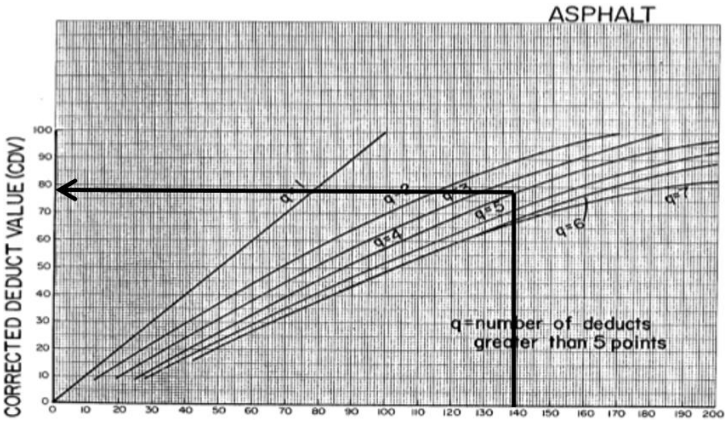
Dari hasil didapat grafik *Corrected Deduct Value* = 50



Gambar 6. Grafik CDV STA 15+500 – 15+600

Total *Deduct Velue* = 24

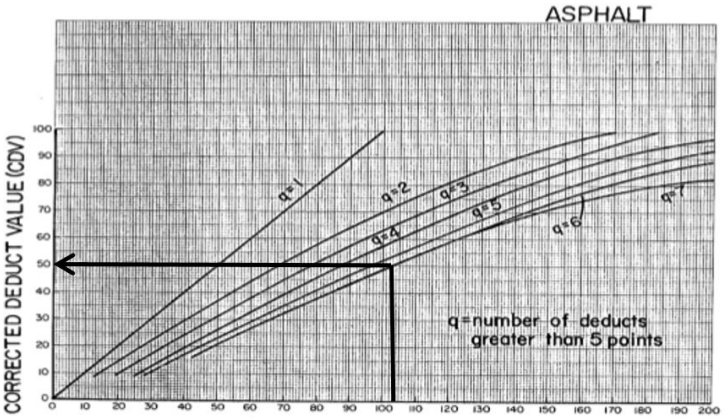
Dari hasil didapat grafik *Corrected Deduct Value* = 24



Gambar 7. Grafik CDV STA 15+600 – 15+700

Total *Deduct Velue* = 139

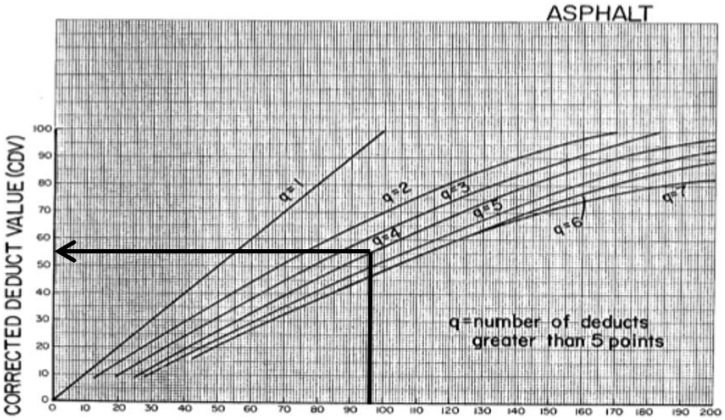
Dari hasil didapat grafik *Corrected Deduct Value* = 78



Gambar 8. Grafik CDV STA 15+700 – 15+800

Total *Deduct Velue* = 103

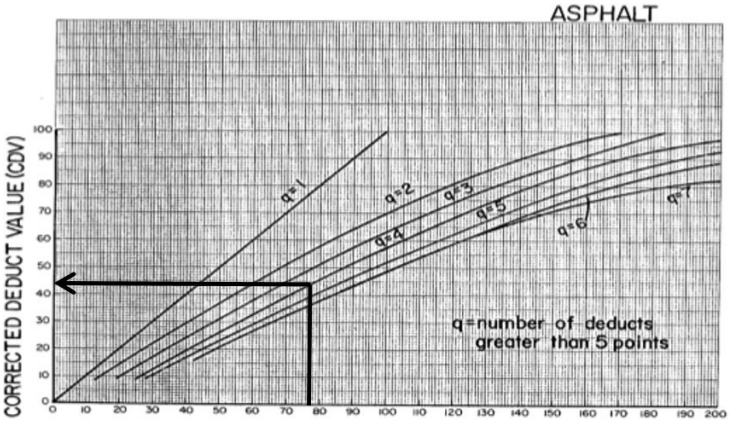
Dari hasil didapat grafik *Corrected Deduct Value* = 50



Gambar 9. Grafik CDV STA 15+800 – 15+900

Total *Deduct Velue* = 97

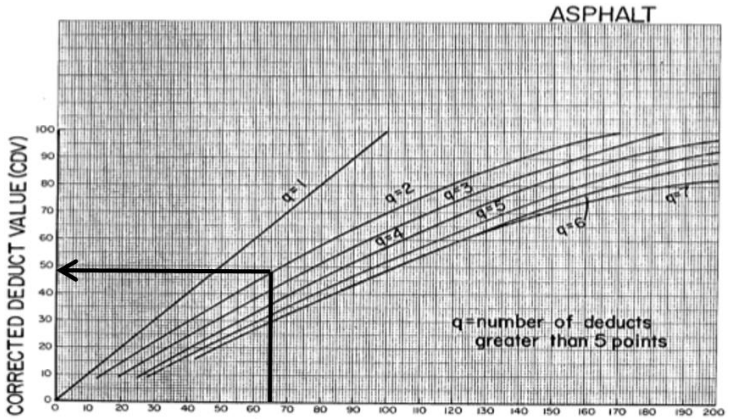
Dari hasil didapat grafik *Corrected Deduct Value* = 55



Gambar 10. Grafik CDV STA 15+900 – 16+000

Total *Deduct Velue* = 77

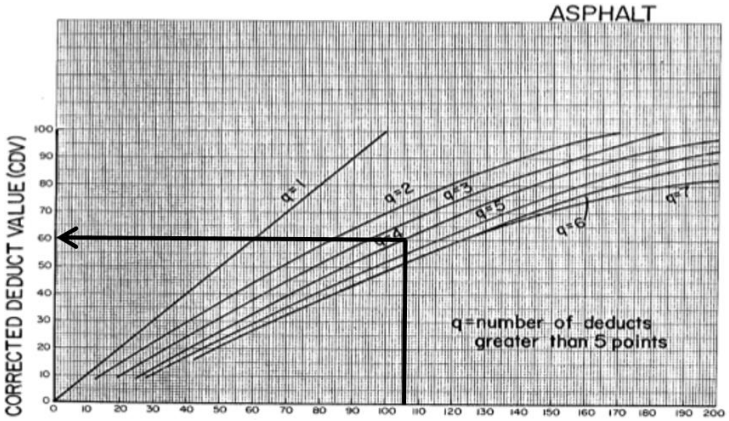
Dari hasil didapat grafik *Corrected Deduct Value* = 44



Gambar 11. Grafik CDV STA 16+000 – 16+100

Total *Deduct Velue* = 65

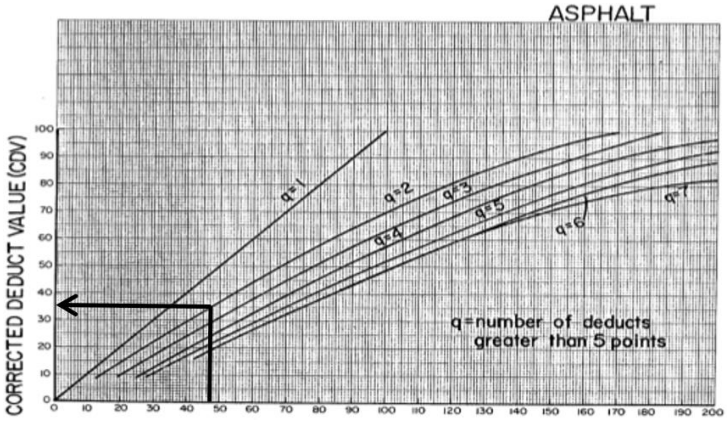
Dari hasil didapat grafik *Corrected Deduct Value* = 48



Gambar 12. Grafik CDV STA 16+100 – 16+200

Total *Deduct Velue* = 105

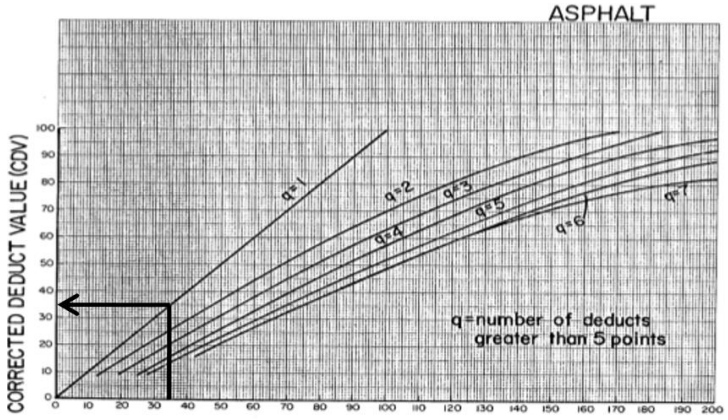
Dari hasil didapat grafik *Corrected Deduct Value* = 60



Gambar 13. Grafik CDV STA 16+200 – 16+300

Total *Deduct Velue* = 49

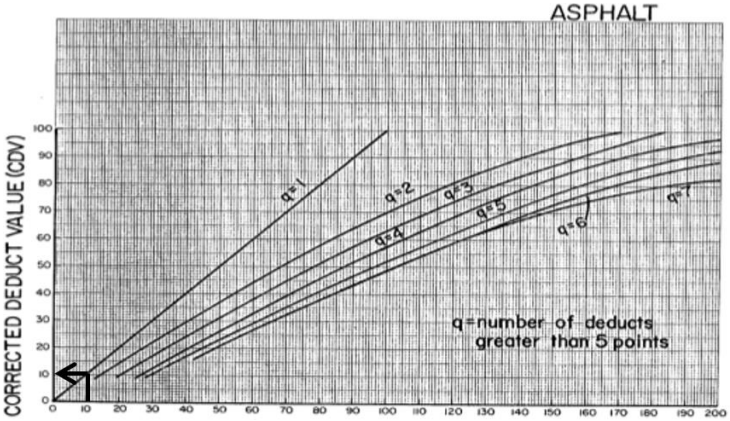
Dari hasil didapat grafik *Corrected Deduct Value* = 35



Gambar 14. Grafik CDV STA 16+300 – 16+400

Total *Deduct Velue* = 36

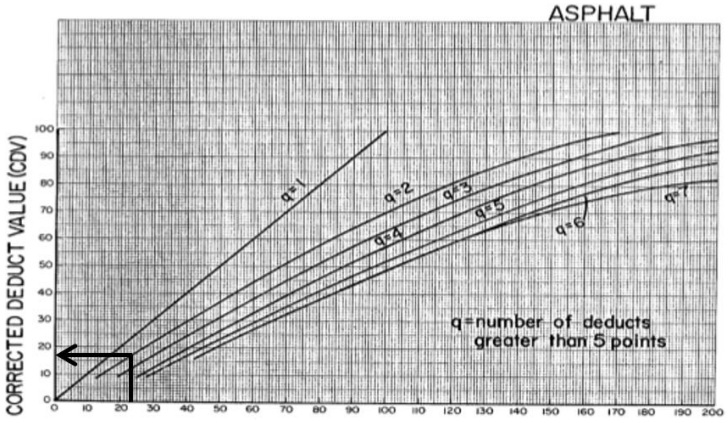
Dari hasil didapat grafik *Corrected Deduct Value* = 35



Gambar 15. Grafik CDV STA 16+400 – 16+500

Total *Deduct Velue* = 9

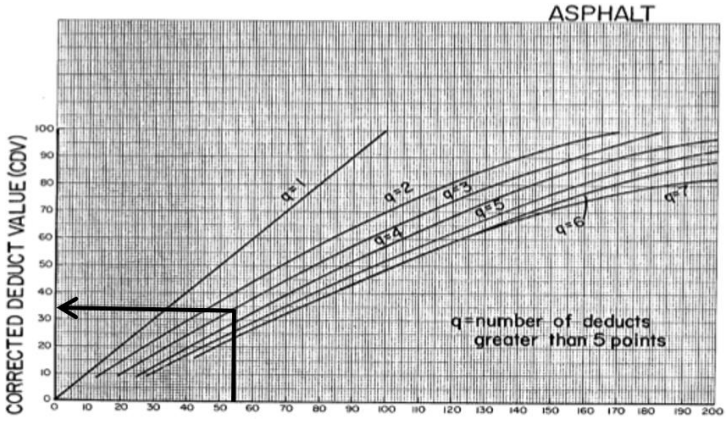
Dari hasil didapat grafik *Corrected Deduct Value* = 10



Gambar 16. Grafik CDV STA 16+500 – 16+600

Total *Deduct Velue* = 23

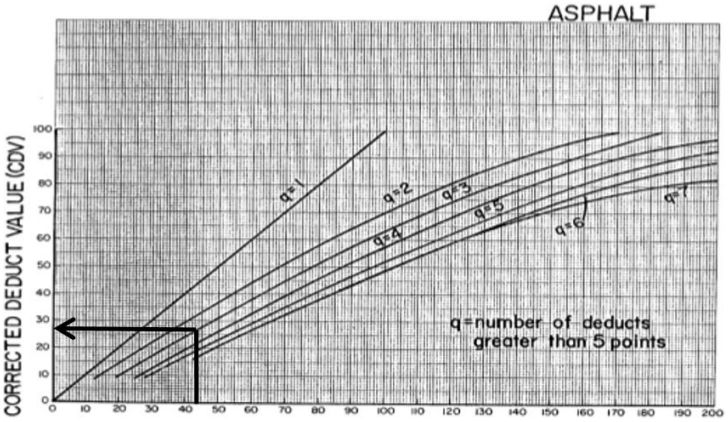
Dari hasil didapat grafik *Corrected Deduct Value* = 17



Gambar 17. Grafik CDV STA 16+600 – 16+700

Total *Deduct Velue* = 54

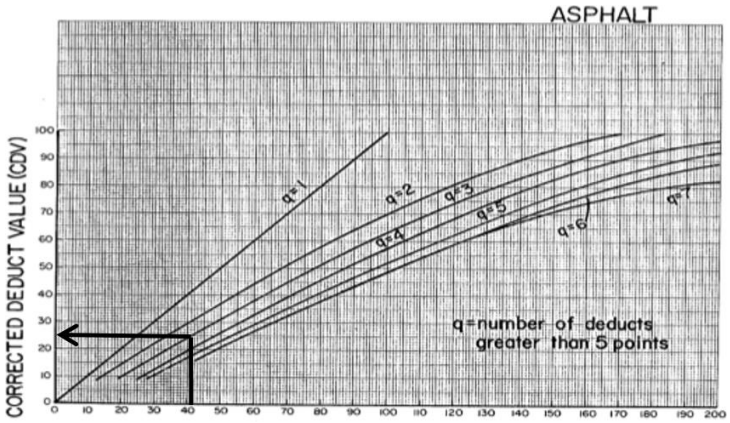
Dari hasil didapat grafik *Corrected Deduct Value* = 34



Gambar 18. Grafik CDV STA 16+700 – 16+800

Total *Deduct Velue* = 43

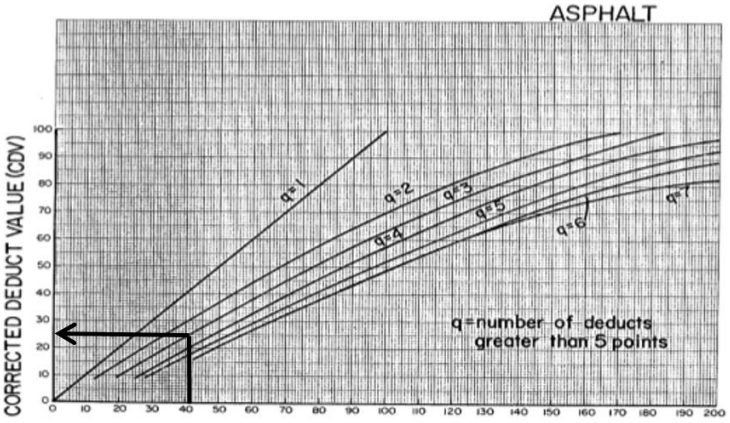
Dari hasil didapat grafik *Corrected Deduct Value* = 27



Gambar 19. Grafik CDV STA 16+800 – 16+900

Total *Deduct Velue* = 41

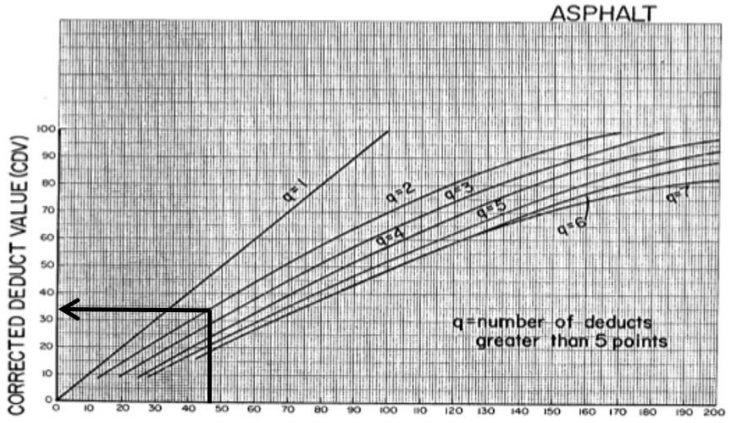
Dari hasil didapat grafik *Corrected Deduct Value* = 25



Gambar 20. Grafik CDV STA 16+900 – 17+000

Total *Deduct Velue* = 42

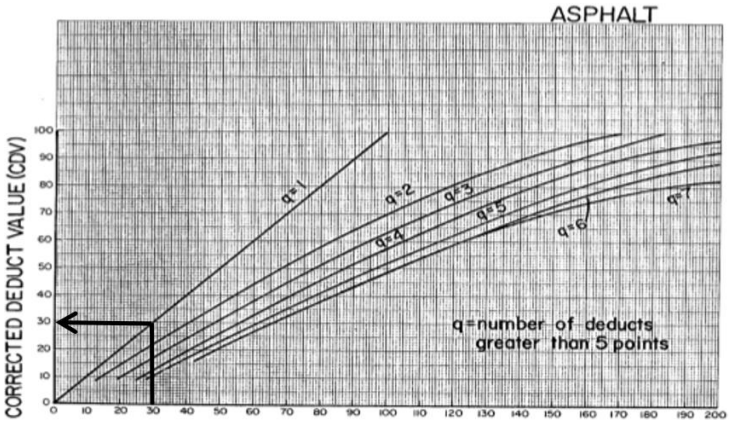
Dari hasil didapat grafik *Corrected Deduct Value* = 25



Gambar 21. Grafik CDV STA 17+000 – 17+100

Total *Deduct Velue* = 46

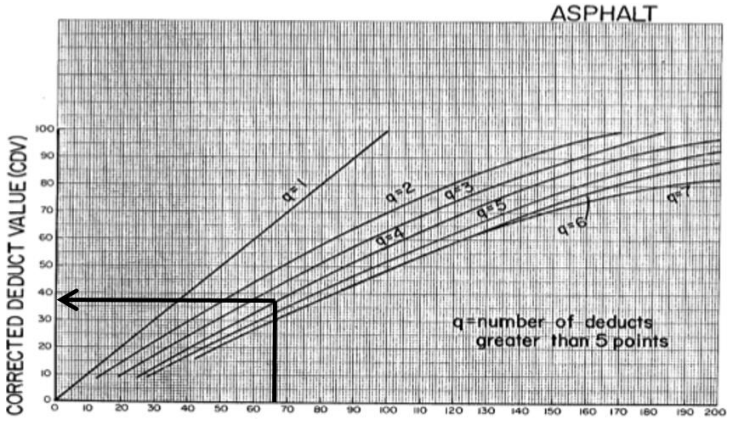
Dari hasil didapat grafik *Corrected Deduct Value* = 34



Gambar 22. Grafik CDV STA 17+100 – 17+200

Total *Deduct Velue* = 31

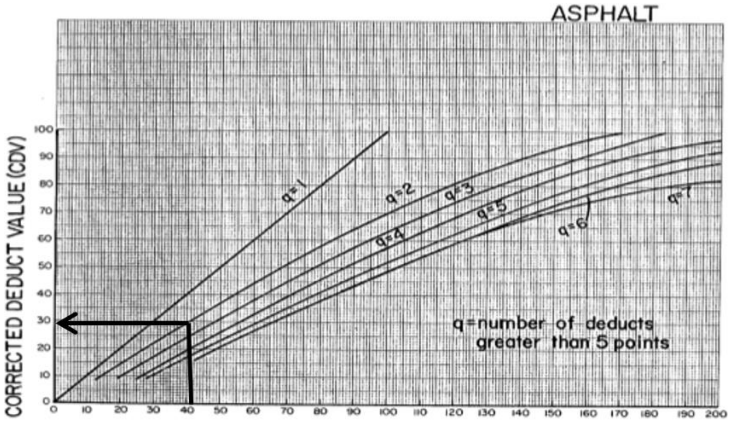
Dari hasil didapat grafik *Corrected Deduct Value* = 30



Gambar 23. Grafik CDV STA 17+200 – 17+300

Total *Deduct Velue* = 66

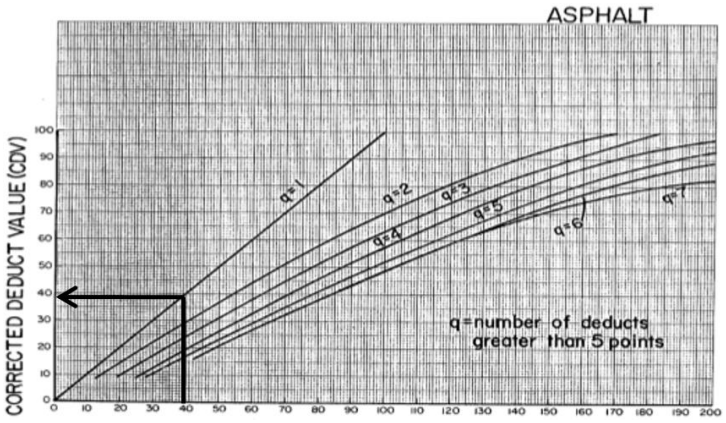
Dari hasil didapat grafik *Corrected Deduct Value* = 37



Gambar 24. Grafik CDV STA 17+300 – 17+400

Total *Deduct Velue* = 40

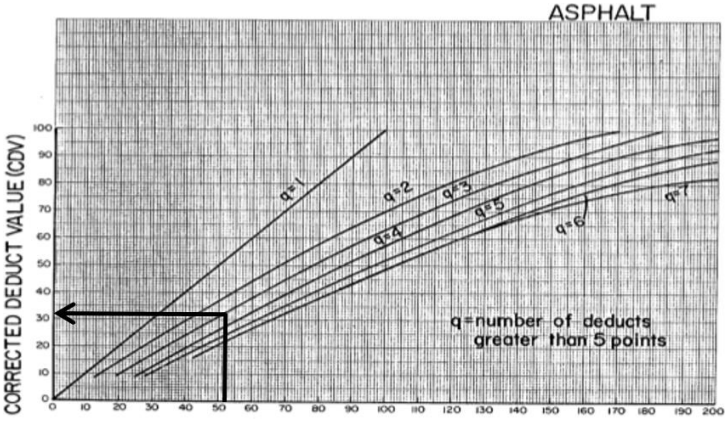
Dari hasil didapat grafik *Corrected Deduct Value* = 29



Gambar 25. Grafik CDV STA 17+400 – 17+500

Total *Deduct Velue* = 39

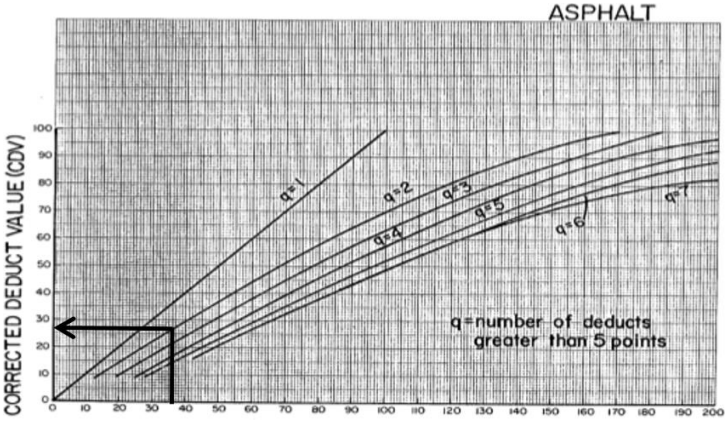
Dari hasil didapat grafik *Corrected Deduct Value* = 38



Gambar 26. Grafik CDV STA 17+500 – 17+600

Total *Deduct Velue* = 52

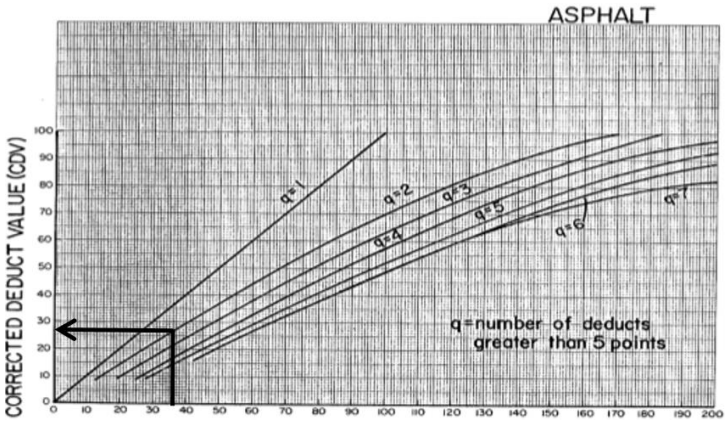
Dari hasil didapat grafik *Corrected Deduct Value* = 32



Gambar 27. Grafik CDV STA 17+600 – 17+700

Total *Deduct Velue* = 36

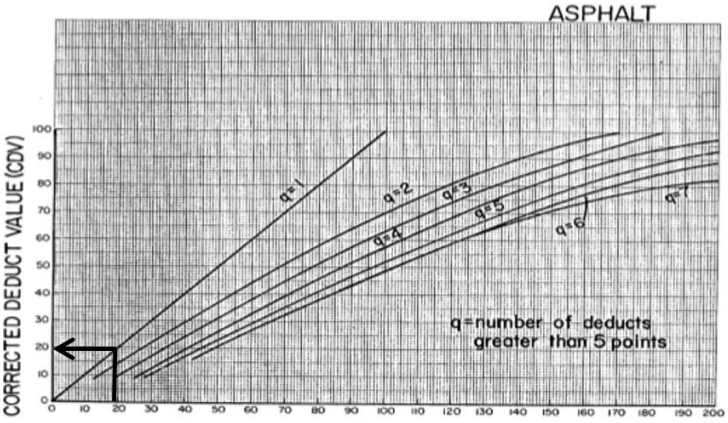
Dari hasil didapat grafik *Corrected Deduct Value* = 27



Gambar 28. Grafik CDV STA 17+700 – 17+800

Total *Deduct Velue* = 37

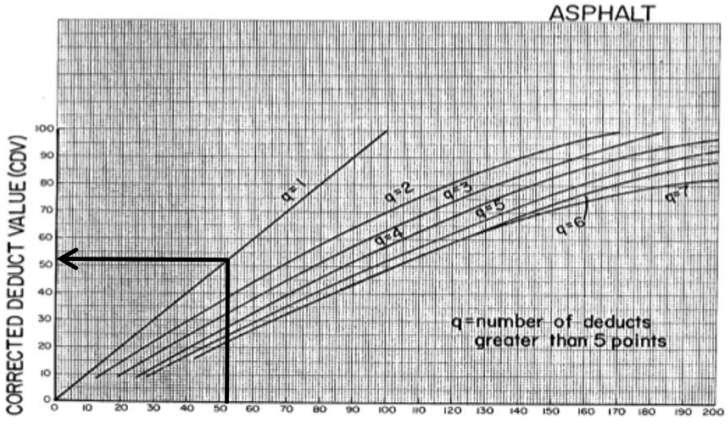
Dari hasil didapat grafik *Corrected Deduct Value* = 28



Gambar 29. Grafik CDV STA 17+800 – 17+900

Total *Deduct Velue* = 19

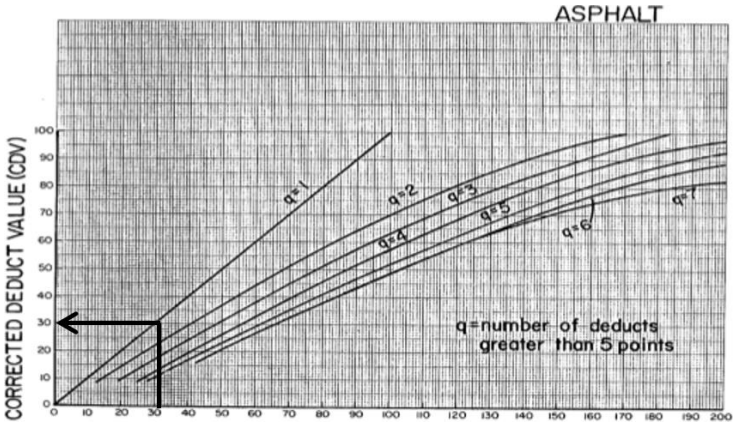
Dari hasil didapat grafik *Corrected Deduct Value* = 19



Gambar 30. Grafik CDV STA 17+900 – 18+000

Total *Deduct Velue* = 52

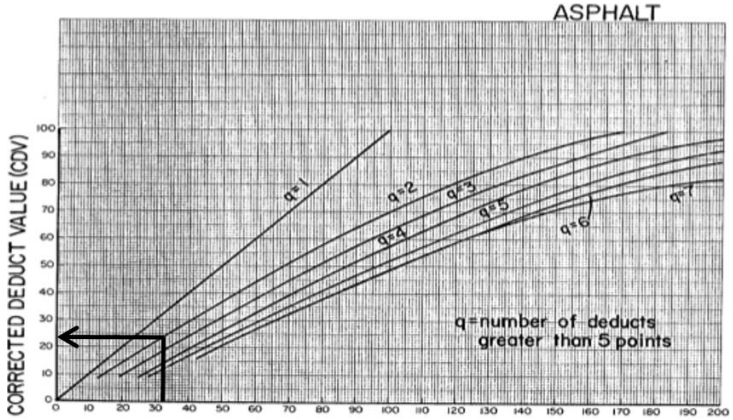
Dari hasil didapat grafik *Corrected Deduct Value* = 52



Gambar 31. Grafik CDV STA 18+000 – 18+100

Total *Deduct Velue* = 31

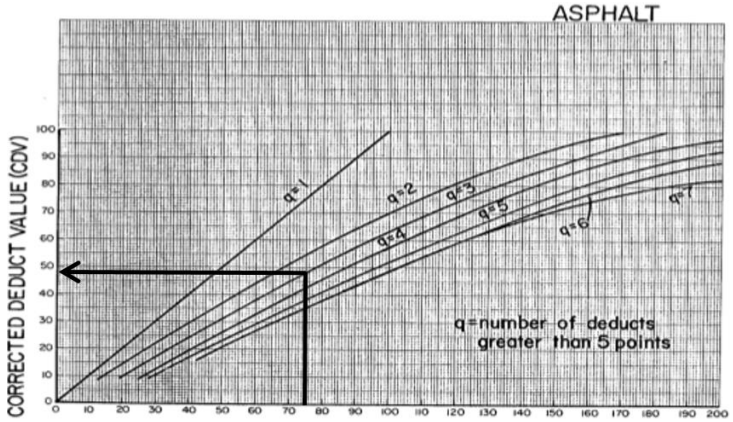
Dari hasil didapat grafik *Corrected Deduct Value* = 30



Gambar 32. Grafik CDV STA 18+100 – 18+200

Total *Deduct Velue* = 32

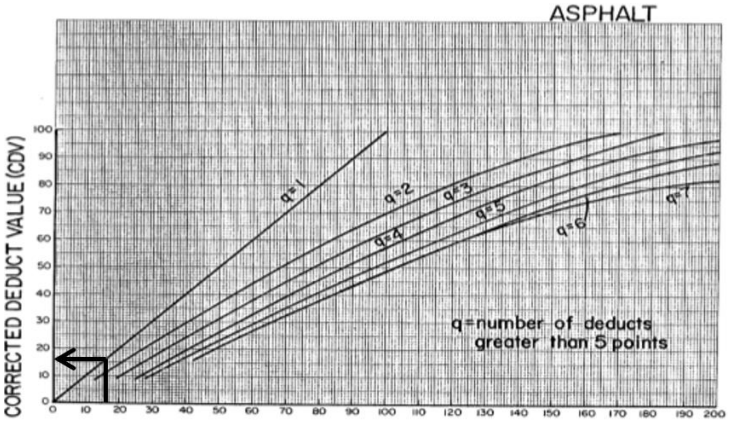
Dari hasil didapat grafik *Corrected Deduct Value* = 23



Gambar 33. Grafik CDV STA 18+200 – 18+300

Total *Deduct Velue* = 75

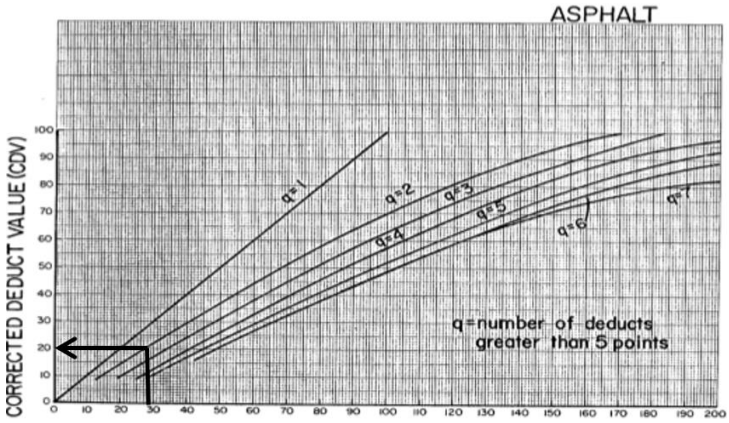
Dari hasil didapat grafik *Corrected Deduct Value* = 48



Gambar 34. Grafik CDV STA 18+300 – 18+400

Total *Deduct Velue* = 15

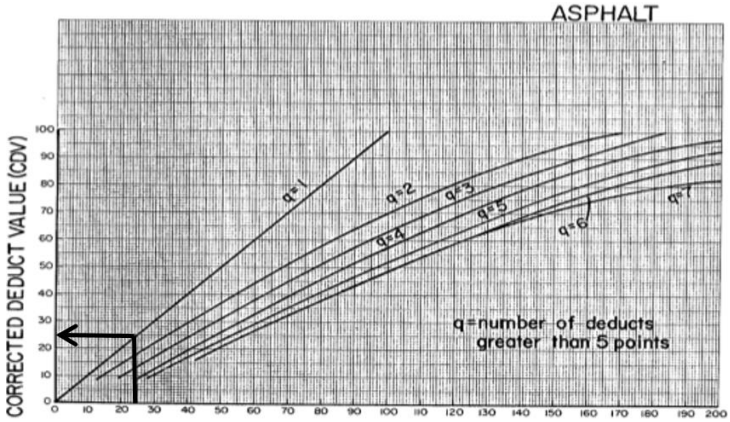
Dari hasil didapat grafik *Corrected Deduct Value* = 16



Gambar 35. Grafik CDV STA 18+400 – 18+500

Total *Deduct Velue* = 28

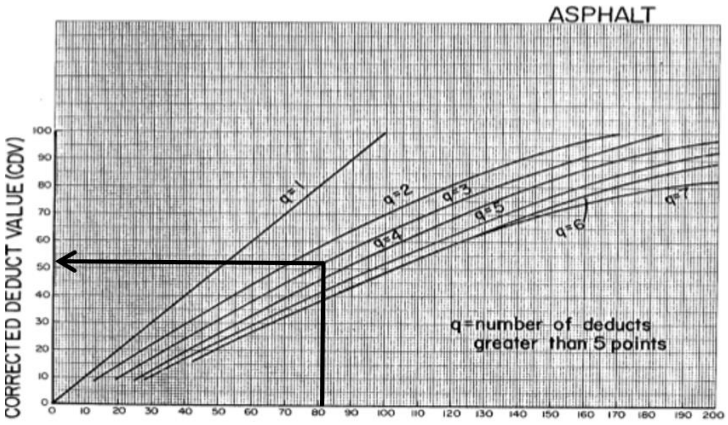
Dari hasil didapat grafik *Corrected Deduct Value* = 20



Gambar 36. Grafik CDV STA 18+500 – 18+600

Total *Deduct Velue* = 24

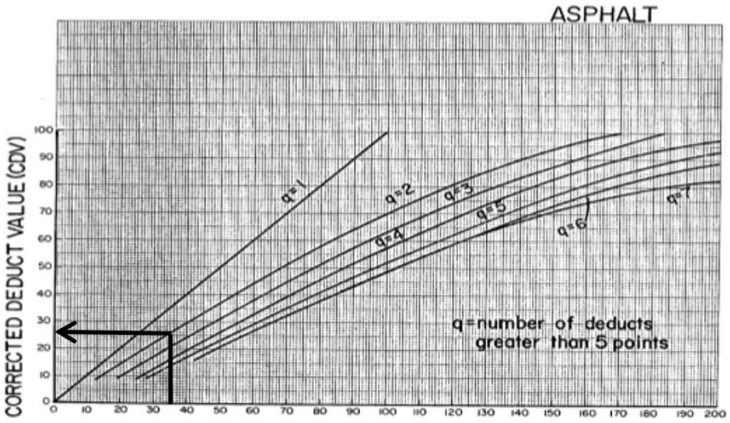
Dari hasil didapat grafik *Corrected Deduct Value* = 24



Gambar 37. Grafik CDV STA 18+600 – 18+700

Total *Deduct Velue* = 81

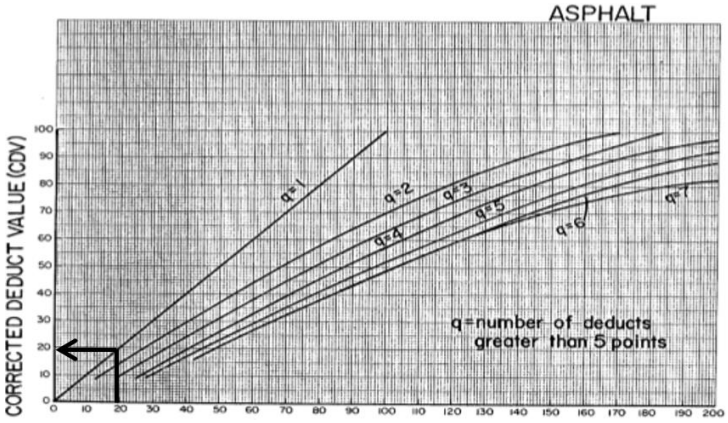
Dari hasil didapat grafik *Corrected Deduct Value* = 52



Gambar 38. Grafik CDV STA 18+700 – 18+800

Total *Deduct Velue* = 35

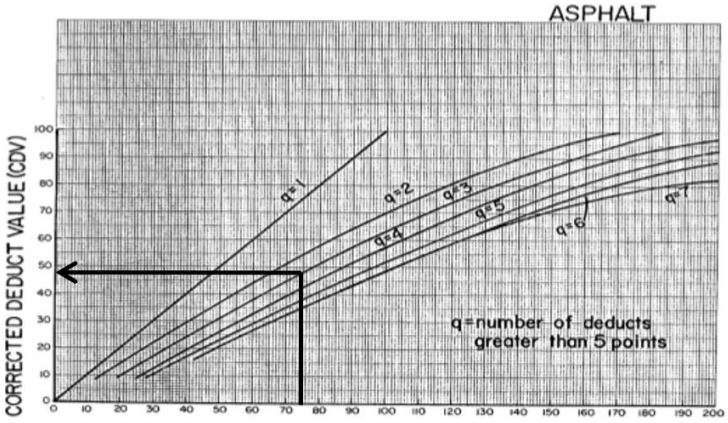
Dari hasil didapat grafik *Corrected Deduct Value* = 26



Gambar 39. Grafik CDV STA 18+800 – 18+900

Total *Deduct Velue* = 19

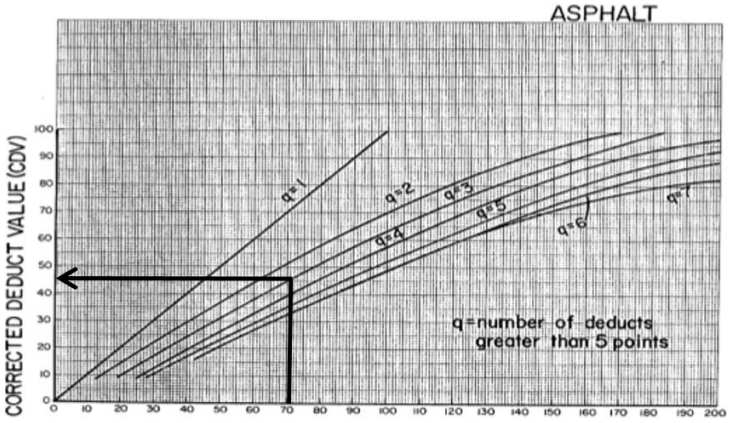
Dari hasil didapat grafik *Corrected Deduct Value* = 19



Gambar 40. Grafik CDV STA 18+900 – 19+000

Total *Deduct Velue* = 74

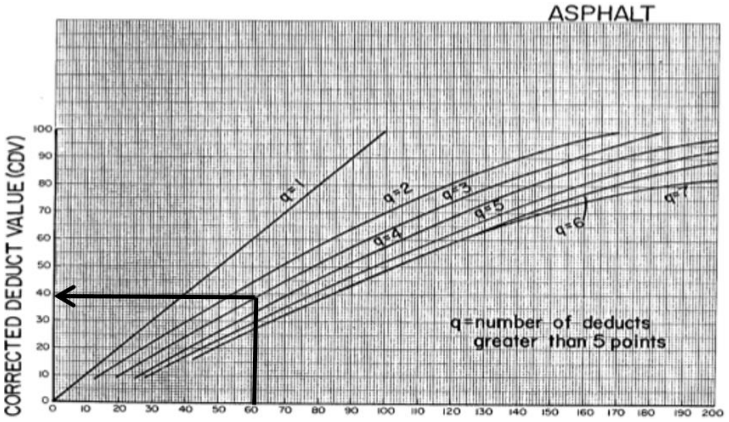
Dari hasil didapat grafik *Corrected Deduct Value* = 48



Gambar 41. Grafik CDV STA 19+000 – 19+100

Total *Deduct Velue* = 71

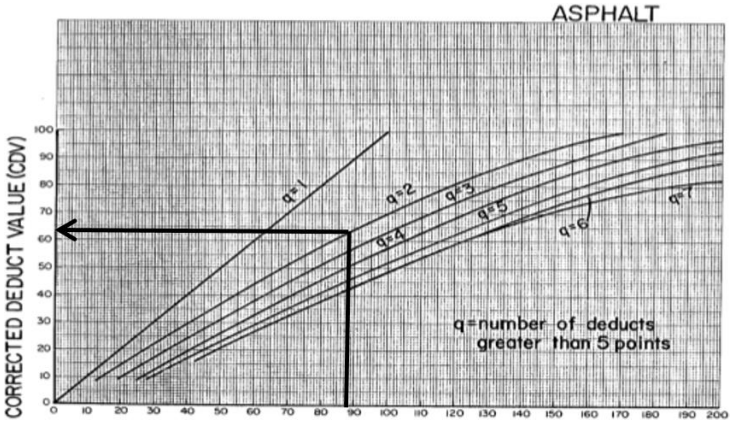
Dari hasil didapat grafik *Corrected Deduct Value* = 45



Gambar 42. Grafik CDV STA 19+100 – 19+200

Total *Deduct Velue* = 61

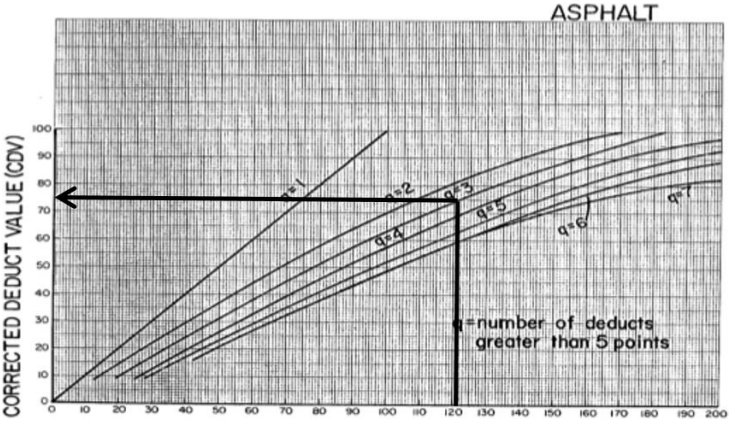
Dari hasil didapat grafik *Corrected Deduct Value* = 39



Gambar 43. Grafik CDV STA 19+200 – 19+300

Total *Deduct Velue* = 88

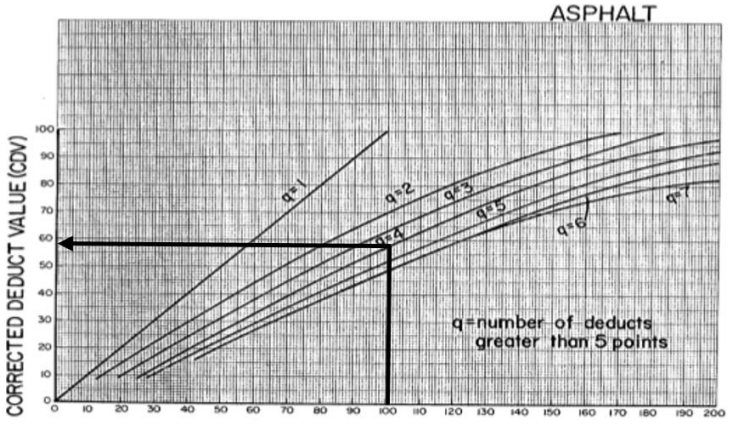
Dari hasil didapat grafik *Corrected Deduct Value* = 63



Gambar 44. Grafik CDV STA 19+300 – 19+400

Total *Deduct Velue* = 121

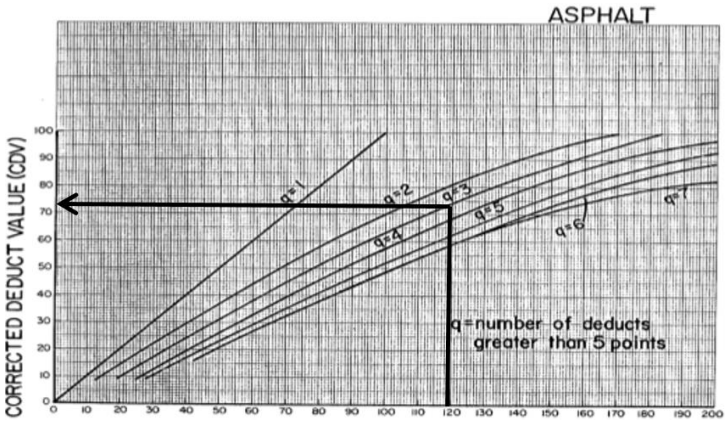
Dari hasil didapat grafik *Corrected Deduct Value* = 75



Gambar 45. Grafik CDV STA 19+400 – 19+500

Total *Deduct Velue* = 105

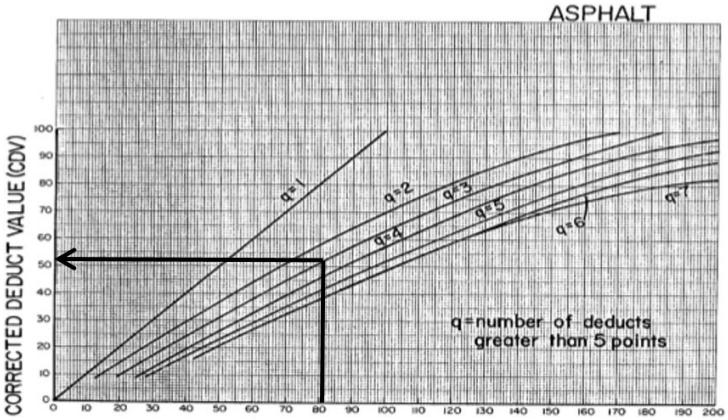
Dari hasil didapat grafik *Corrected Deduct Value* = 58



Gambar 46. Grafik CDV STA 19+500 – 19+600

Total *Deduct Velue* = 119

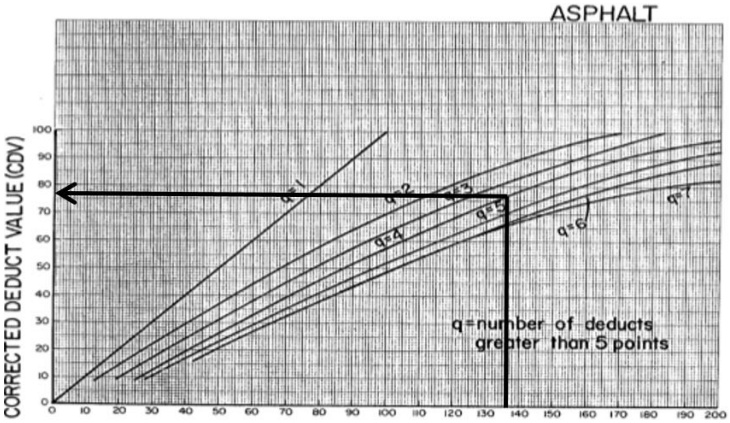
Dari hasil didapat grafik *Corrected Deduct Value* = 73



Gambar 47. Grafik CDV STA 19+600 – 19+700

Total *Deduct Velue* = 81

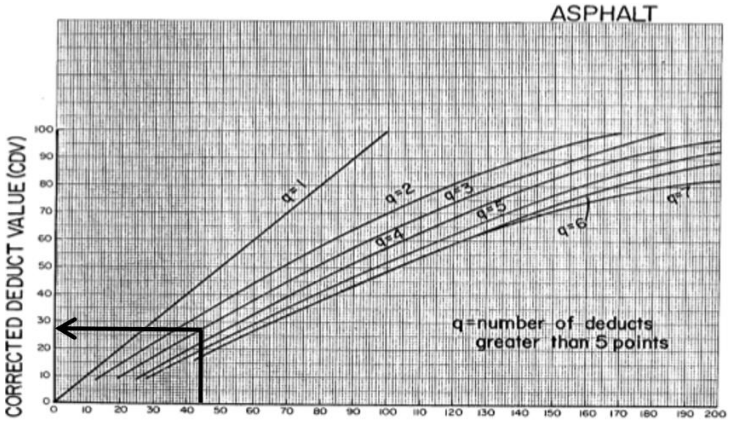
Dari hasil didapat grafik *Corrected Deduct Value* = 52



Gambar 48. Grafik CDV STA 19+700 – 19+800

Total *Deduct Velue* = 136

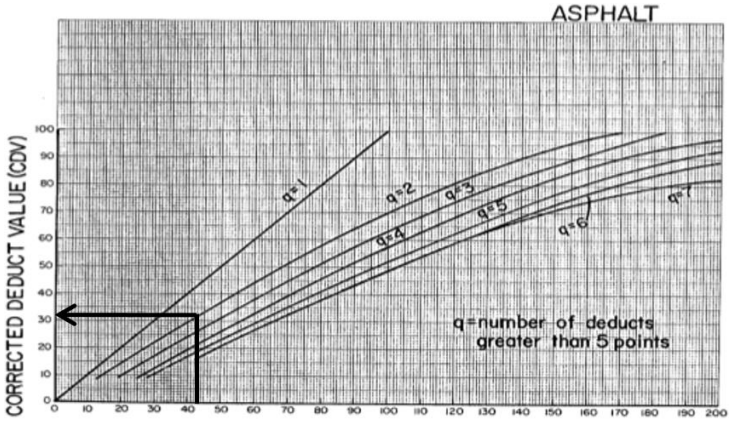
Dari hasil didapat grafik *Corrected Deduct Value* = 77



Gambar 49. Grafik CDV STA 19+800 – 19+900

Total *Deduct Velue* = 44

Dari hasil didapat grafik *Corrected Deduct Value* = 26



Gambar 50. Grafik CDV STA 19+900 – 20+000

Total *Deduct Velue* = 43

Dari hasil didapat grafik *Corrected Deduct Value* = 32

LAMPIRAN F

HASIL PERHITUNGAN *PAVEMENT CONDITION INDEX (PCI)*

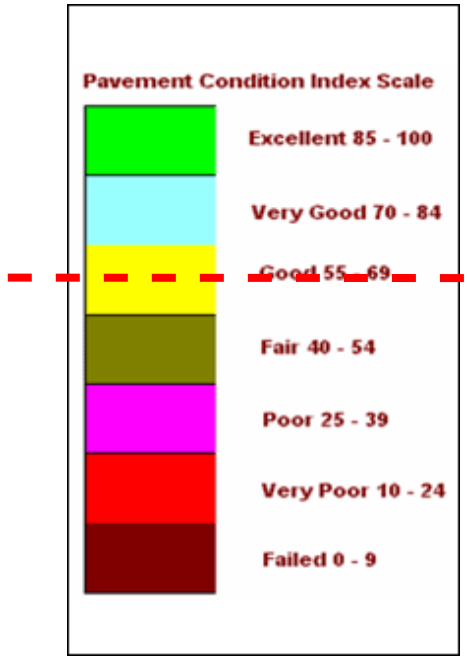
Tabel 1. Hasil Perhitungsn PCI

NO	STA	CDV MAKS	PCI	TINGKAT KERUSAKAN
1	15+000-15+100	18	82	SANGAT BAIK(very good)
2	15+100-15+200	21	79	SANGAT BAIK(very good)
3	15+200-15+300	15	85	SEMPURNA (excellent)
4	15+300-15+400	17	83	SANGAT BAIK(very good)
5	15+400-15+500	50	50	SEDANG(fair)
6	15+500-15+600	24	76	SANGAT BAIK(very good)
7	15+600-15+700	78	22	SANGAT JELEK(very poor)
8	15+700-15+800	50	50	SEDANG(fair)
9	15+800-15+900	55	45	SEDANG(fair)
10	15+900-16+000	44	56	BAIK(good)
11	16+000-16+100	48	52	SEDANG(fair)
12	16+100-16+200	60	40	SEDANG(fair)
13	16+200-16+300	35	65	BAIK(good)
14	16+300-16+400	35	65	BAIK(good)
15	16+400-16+500	10	90	SEMPURNA (excellent)
16	16+500-16+600	17	83	SANGAT BAIK(very good)
17	16+600-16+700	34	66	BAIK(good)
18	16+700-16+800	27	73	SANGAT BAIK(very good)
19	16+800-16+900	25	75	SANGAT BAIK(very good)
20	16+900-17+000	47	53	SEDANG(fair)
21	17+000-17+100	34	66	BAIK(good)
22	17+100-17+200	30	70	SANGAT BAIK(very good)
23	17+200-17+300	37	63	BAIK(good)
24	17+300-17+400	29	71	SANGAT BAIK(very good)
25	17+400-17+500	38	62	BAIK(good)
26	17+500-17+600	32	68	BAIK(good)
27	17+600-17+700	27	73	SANGAT BAIK(very good)
28	17+700-17+800	40	60	BAIK(good)
29	17+800-17+900	19	81	SANGAT BAIK(very good)
30	17+900-18+000	52	48	SEDANG(fair)
31	18+000-18+100	30	70	SANGAT BAIK(very good)
32	18+100-18+200	23	77	SANGAT BAIK(very good)
33	18+200-18+300	48	52	SEDANG(fair)
34	18+300-18+400	16	84	SANGAT BAIK(very good)

Tabel 2. Hasil Perhitungsn PCI (Lanjutan)

35	18+400-18+500	20	80	SANGAT BAIK(very good)
36	18+500-18+600	24	76	SANGAT BAIK(very good)
37	18+600-18+700	52	48	SEDANG(fair)
38	18+700-18+800	26	74	SANGAT BAIK(very good)
39	18+800-18+900	19	81	SANGAT BAIK(very good)
40	18+900-19+000	48	52	SEDANG(fair)
41	19+000-19+100	45	55	BAIK(good)
42	19+100-19+200	39	61	BAIK(good)
43	19+200-19+300	63	37	JELEK(poor)
44	19+300-19+400	75	25	JELEK(poor)
45	19+400-19+500	58	42	SEDANG(fair)
46	19+500-19+600	73	27	JELEK(poor)
47	19+600-19+700	52	48	SEDANG(fair)
48	19+700-19+800	77	23	SANGAT JELEK(very poor)
49	19+800-19+900	26	74	SANGAT BAIK(very good)
50	19+900-20+000	32	68	BAIK(good)
	TOTAL		3106	
			62.12	BAIK(good)

$$\frac{\sum \text{PCI}}{\text{jumlah segmen}} = \frac{3106}{50} = 62.12\ \%\ sedang\ (fair)$$



Gambar 1. Kualifikasi Kualitas Perkerasan Menurut Nilai PCI

LAMPIRAN G

DATA KECEPATAN KENDARAAN

Tebel 1. STA 15+600 – 15+700 (08.30-09.30) Nilai PCI 22% *very poor*

DATA KECEPATAN KENDARAAN JALAN BERBAH PRAMBANAN			
SEPANJANG 100 M, DARI STA 15+600 s/d 15+700. DALAM WAKTU 1 JAM (08.30-09.30)			
NO	MOTOR	MOBIL	KEN. BERAT
1	9.82	12.98	14.87
2	10.16	13.19	15.68
3	9.95	12.98	14.98
4	9.87	13.08	16.18
5	9.98	12.46	16.23
6	10.96	13.26	14.87
7	10.44	12.91	16.12
8	10.34	13.22	14.80
9	9.81	12.91	15.66
10	10.72	12.92	16.12
11	10.78	13.16	15.81
12	11.07	13.21	16.20
13	11.04	13.56	15.64
14	10.54	13.54	14.91
15	10.65	13.88	14.73
16	10.85	13.16	15.53
17	11.13	11.91	15.56
18	10.45	13.13	16.11
19	9.88	12.57	14.56
20	10.51	12.78	16.25
21	11.23	13.12	16.29
22	10.57	12.81	15.88
23	10.63	13.31	16.36
24	11.15	13.05	15.43
25	10.73	11.96	15.76
26	10.29	11.87	15.43
27	10.77	13.24	16.12
28	9.85	13.44	15.24
29	10.66	12.57	16.13
30	9.91	12.87	15.44
31	10.48	12.67	14.96
32	11.23	11.77	14.89
33	11.14	11.89	16.13
34	10.46	13.21	14.98
35	10.69	13.17	16.03
36	10.81	12.63	16.23
37	11.35	12.26	14.88
38	10.92	11.98	14.79
39	11.31	13.11	14.95
40	11.03	11.89	15.55
41	11.17	11.78	15.59
42	9.76	11.98	16.15
43	10.86	12.56	15.45

Tebel 2. STA 15+600 – 15+700 (08.30-09.30) Nilai PCI 22% *very poor*

(Lanjutan)

44	9.86	13.14	15.67
45	10.21	13.27	15.55
46	10.85	12.57	15.58
47	9.97	12.58	14.78
48	11.34	12.52	14.85
49	9.86	12.44	16.21
50	10.41	12.38	15.35

Tabel 3. Data rata-rata waktu tempuh kendaraan STA 15+600 – 15+700 (08.30-09.30)

No	Jenis Kendaraan	Jumlah Sempel	Waktu Tempuh Rata-rata (detik)
1	Sepeda Motor	50	10.57
2	Kend. Ringan	50	12.78
3	Kend. Berat	50	15.55
TOTAL			38.90

Tebel 4. STA 15+600 – 15+700 (15.00-16.00) Nilai PCI 22% *very poor*

DATA KECEPATAN KENDARAAN JALAN BERBAH PRAMBANAN			
SEPANJANG 100 M, DARI STA 15+600 s/d 15+700. DALAM WAKTU 1 JAM (15.00-16.00)			
NO	MOTOR	MOBIL	KEN. BERAT
1	11.6	12.76	16.25
2	11.04	11.87	14.82
3	9.94	13.24	14.98
4	10.75	13.44	14.77
5	10.65	12.57	14.76
6	10.61	13.20	16.03
7	10.63	13.34	16.23
8	9.89	12.96	14.88
9	9.97	11.77	14.79
10	10.43	13.31	15.59
11	9.87	12.39	14.56
12	10.81	13.16	16.13
13	11.35	12.43	14.95
14	9.92	13.24	16.23
15	11.25	11.99	15.76
16	9.59	13.33	15.43
17	11.23	12.68	14.71
18	11.11	11.77	15.23
19	9.97	13.35	14.97
20	10.49	13.26	16.13
21	9.94	12.37	15.44
22	9.89	11.95	16.36
23	9.78	12.69	14.89
24	10.55	11.87	14.56
25	11.23	12.87	16.25
26	10.41	12.67	15.33
27	11.03	13.28	16.12

Tebel 5. STA 15+600 – 15+700 (15.00-16.00) Nilai PCI 22% *very poor*

(Lanjutan)

28	11.17	11.83	16.11
29	10.79	11.96	15.52
30	11.21	11.98	15.64
31	11.97	12.39	14.91
32	11.25	13.16	14.73
33	9.72	13.11	16.24
34	11.34	12.77	15.24
35	10.93	12.66	14.73
36	11.24	13.07	15.58
37	11.36	12.75	14.70
38	10.51	12.69	16.15
39	10.56	11.95	15.62
40	10.62	12.42	16.24
41	11.33	13.15	14.43
42	9.78	12.99	15.24
43	10.45	12.21	14.73
44	9.88	13.43	15.58
45	10.51	13.33	15.67
46	11.23	13.23	16.23
47	10.57	13.27	14.71
48	10.63	12.54	14.98
49	9.98	13.11	15.87
50	10.12	11.98	15.65

Tabel 6. Data rata-rata waktu tempuh kendaraan STA 15+600 – 15+700 (15.00-16.00)

No	Jenis Kendaraan	Jumlah Sempel	Waktu Tempuh Rata-rata (detik)
1	Sepeda Motor	50	10.62
2	Kend. Ringan	50	12.71
3	Kend. Berat	50	15.41
TOTAL			38.75

Tebel 7. STA 16+400 – 16+500 (08.30-09.30) Nilai PCI 90% *excellent*

DATA KECEPATAN KENDARAAN JALAN BERBAH PRAMBANAN			
SEPANJANG 100 M, DARI STA 16+400 s/d 16+500. DALAM WAKTU 1 JAM (08.30-09.30)			
NO	MOTOR	MOBIL	KEN. BERAT
1	7.08	10.23	10.29
2	7.96	10.2	11.08
3	9.52	10.21	11.08
4	6.76	10.22	12.61
5	8.17	9.97	12.79
6	9.29	10.17	11.50
7	9.38	10.17	11.26
8	9.02	10.23	12.47
9	9.39	10.29	10.26
10	7.93	10.21	10.12
11	8.97	10.22	11.20

Tebel 8. STA 16+400 – 16+500 (08.30-09.30) Nilai PCI 90% *excellent* (Lanjutan)

12	6.79	11.47	11.27
13	8.64	9.78	11.82
14	9.94	10.17	10.99
15	8.24	10.28	10.87
16	8.9	9.42	11.13
17	9.54	8.37	10.73
18	7.47	10.42	10.87
19	7.48	9.86	10.67
20	7.58	11.04	11.89
21	8	8.99	10.46
22	7.31	10.12	10.45
23	7.21	9.33	10.92
24	8.84	10.03	12.31
25	7.18	9.27	11.32
26	7.08	11.65	10.42
27	8.38	9.61	11.30
28	8.11	9.81	11.44
29	7.55	10.20	11.84
30	7.19	9.82	12.03
31	8.77	10.28	12.62
32	7.99	10.24	10.45
33	7.88	10.14	10.92
34	7.97	10.11	11.76
35	9.15	9.58	11.8
36	9.27	9.9	13.16
37	6.24	10.95	12.74
38	8.68	9.23	13.55
39	6.56	10.22	11.16
40	8.47	11.72	11.87
41	7.62	11.21	10.87
42	7.97	10.78	11.53
43	8.15	10.55	11.14
44	7.24	10.65	12.99
45	7.53	10.49	12.58
46	8.77	11.16	11.54
47	8	10.71	11.39
48	7.68	11.53	11.82
49	8.88	11.28	11.8
50	8.59	10.72	12.44

Tabel 9. Data rata-rata waktu tempuh kendaraan STA 16+400 – 16+500 (08.30-09.30)

No	Jenis Kendaraan	Jumlah Sempel	Waktu Tempuh Rata-rata (detik)
1	Sepeda Motor	50	8.13
2	Kend. Ringan	50	10.26
3	Kend. Berat	50	11.51
TOTAL			29.90

Tebel 10. STA 16+400 – 16+500 (15.00-16.00) Nilai PCI 90% *excellent*

DATA KECEPATAN KENDARAAN JALAN BERBAH PRAMBANAN			
SEPANJANG 100 M, DARI STA 16+400 s/d 16+500. DALAM WAKTU 1 JAM (15.00-16.00)			
NO	MOTOR	MOBIL	KEN. BERAT
1	7.74	10.11	11.82
2	7.56	9.87	11.97
3	7.62	10.7	10.16
4	7.28	10.18	11.82
5	8.26	9.98	12.22
6	8.59	10.75	13.69
7	8.45	8.97	12.94
8	7.63	9.65	11.6
9	7.53	8.77	11.82
10	8.85	10.9	11.09
11	7.68	10.27	10.52
12	7.46	11	11.64
13	7.42	10.28	11.91
14	7.57	9.42	13.73
15	7.72	10.37	12.98
16	8.14	9.42	11.78
17	8.55	8.86	11.70
18	7.6	10.04	10.15
19	7.52	9.78	10.12
20	8.85	9.92	13.24
21	7.53	10.36	11.13
22	8.3	10.07	10.98
23	8.36	10.25	10.71
24	9.4	10.47	10.98
25	9.5	10.39	11.65
26	8.46	10.14	10.42
27	8.63	9.81	11.78
28	8.59	9.82	11.70
29	8.81	10.61	10.76
30	8.41	10.76	12.66
31	8.56	10.07	13.24
32	7.48	10.21	11.43
33	8.23	10.12	11.23
34	8.8	10.12	11.29
35	8.32	9.92	11.88
36	9	9.32	10.58
37	8.78	10.22	10.89
38	7.81	9.82	11.63
39	7.1	10.37	10.73
40	8.31	10.48	11.55
41	8.32	10.73	12.12
42	8.66	11.29	10.45
43	7.22	10.5	10.57
44	8.33	10.18	11.03
45	8.48	10.73	11.26
46	8.57	10.18	12.13

Tebel 11. STA 16+400 – 16+500 (15.00-16.00) Nilai PCI 90% *excellent* (Lanjutan)

47	7.68	10.19	12.79
48	7.94	10.2	12.22
49	7.7	11.19	11.28
50	7.31	11.7	11.58

Tabel 12. Data rata-rata waktu tempuh kendaraan STA 16+400 – 16+500 (15.00-16.00)

No	Jenis Kendaraan	Jumlah Sempel	Waktu Tempuh Rata-rata (detik)
1	Sepeda Motor	50	8.13
2	Kend. Ringan	50	10.19
3	Kend. Berat	50	11.59
TOTAL			29.91

Tabel 13. Data rata-rata waktu tempuh kendaraan STA 15+600 – 15+700 Nilai PCI 22% *very poor*

No	Jenis Kendaraan	Jumlah Sempel	Waktu Tempuh Rata-rata (detik)
1	Sepeda Motor	50	10.57
2	Kend. Ringan	50	12.78
3	Kend. Berat	50	15.55
TOTAL			38.90
No	Jenis Kendaraan	Jumlah Sempel	Waktu Tempuh Rata-rata (detik)
1	Sepeda Motor	50	10.62
2	Kend. Ringan	50	12.71
3	Kend. Berat	50	15.41
TOTAL			38.75
∑ TOTAL			77.64

Tabel 14. Data rata-rata waktu tempuh kendaraan STA 16+400 – 16+500 Nilai PCI 90% *excellent*

No	Jenis Kendaraan	Jumlah Sempel	Waktu Tempuh Rata-rata (detik)
1	Sepeda Motor	50	8.13
2	Kend. Ringan	50	10.19
3	Kend. Berat	50	11.59
TOTAL			29.91
No	Jenis Kendaraan	Jumlah Sempel	Waktu Tempuh Rata-rata (detik)
1	Sepeda Motor	50	8.13
2	Kend. Ringan	50	10.26
3	Kend. Berat	50	11.51
TOTAL			29.90
∑ TOTAL			59.81

1. Mencari kecepatan rata-rata kendaraan

   a. Waktu tempuh rata-rata kendaraan untuk sta 15+600 s/d sta 15+700

   $$= \frac{\sum s}{\text{jumlah jenis kendaraan}} = \frac{77{,}64}{6} = 12{,}94 \text{ detik}$$

   b. Waktu tempuh rata-rata kendaraan untuk sta 16+400 s/d sta 16+500

   $$= \frac{\sum s}{\text{jumlah jenis kendaraan}} = \frac{59{,}81}{6} = 9{,}97 \text{ detik}$$

   c. Kecepatan rarta-rata kendaraan untuk sta 15+600 s/d sta 15+700

   $$= \frac{d}{t} = \frac{100}{12{,}94} = 27{,}82\ km/jam$$

   d. Kecepatan rata-rata kendaraan untuk sta 16+400 s/d sta 16+500

   $$= \frac{d}{t} = \frac{100}{9{,}97} = 36{,}11\ km/jam$$

LAMPIRAN H

DOKUMENTASI SURVEI KERUSAKAN JALAN

1. Tambalan

Gambar 1. Kerusakan Tambalan

2. Retak Kulit Buaya

Gambar 2. Kerusakan Retak Kulit Buaya

3. Retak Pinggir

Gambar 3. Kerusakan Retak Pinggir

4. Lubang

Gambar 4. Kerusakan Lubang

5. Retak Memanjang/Melintang

Gambar 5. Kerusakan Retak Memanjang/Melintang

6. Pengausan Agregat

Gambar 6. Kerusakan Pengausan Agregat

7. Pinggir Jalan Turun Vertikal

Gambar 7. Kerusakan Pinggir Jalan Turun Vertikal

8. Amblas

Gambar 8. Kerusakan Amblas

9. Kerting

Gambar 9. Kerusakan Keriting

10. Kegemukan

Gambar 10 Kerusakan Kegemukan

11. Pelepasan Butir

Gambar 11. Kerusakan Pelepasan Butir

12. Retak Sambungan

Gambar 12. Kerusakan Retak Sambungan

13. Penarikaan Stasioning

Gambar 13. Proses survei PCi

14. Pelaksanaan survei pencatatan kecepatan kendaraan

Gambar 14. Proses Survei Pengambilan Data Kecepatan Kendaraan