

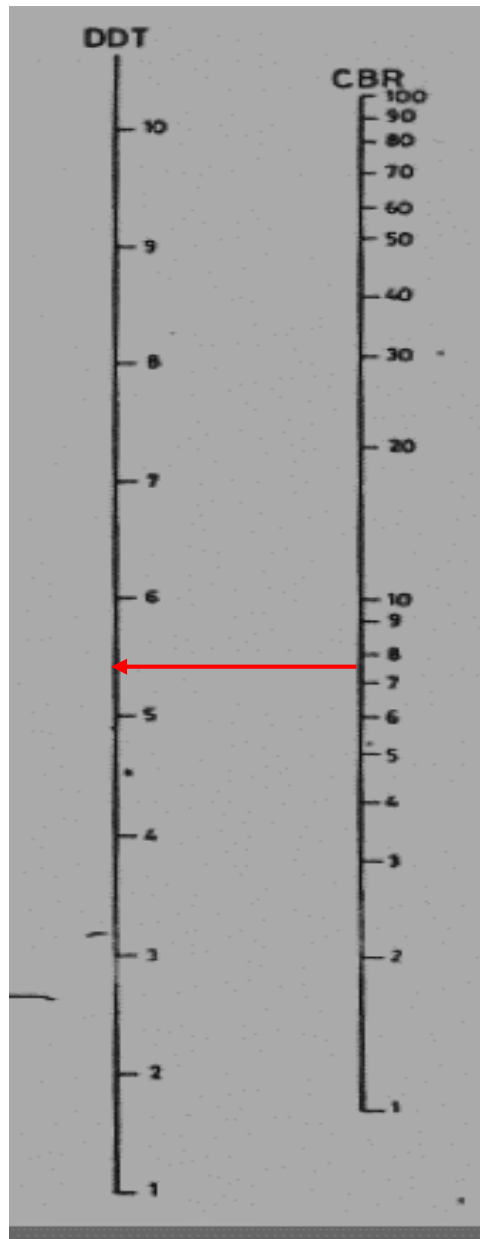
LAMPIRAN

Lampiran 1

Tabel 1. Data Lalu Lintas Harian Rata-rata Palbapang – Barongn - Imogiri

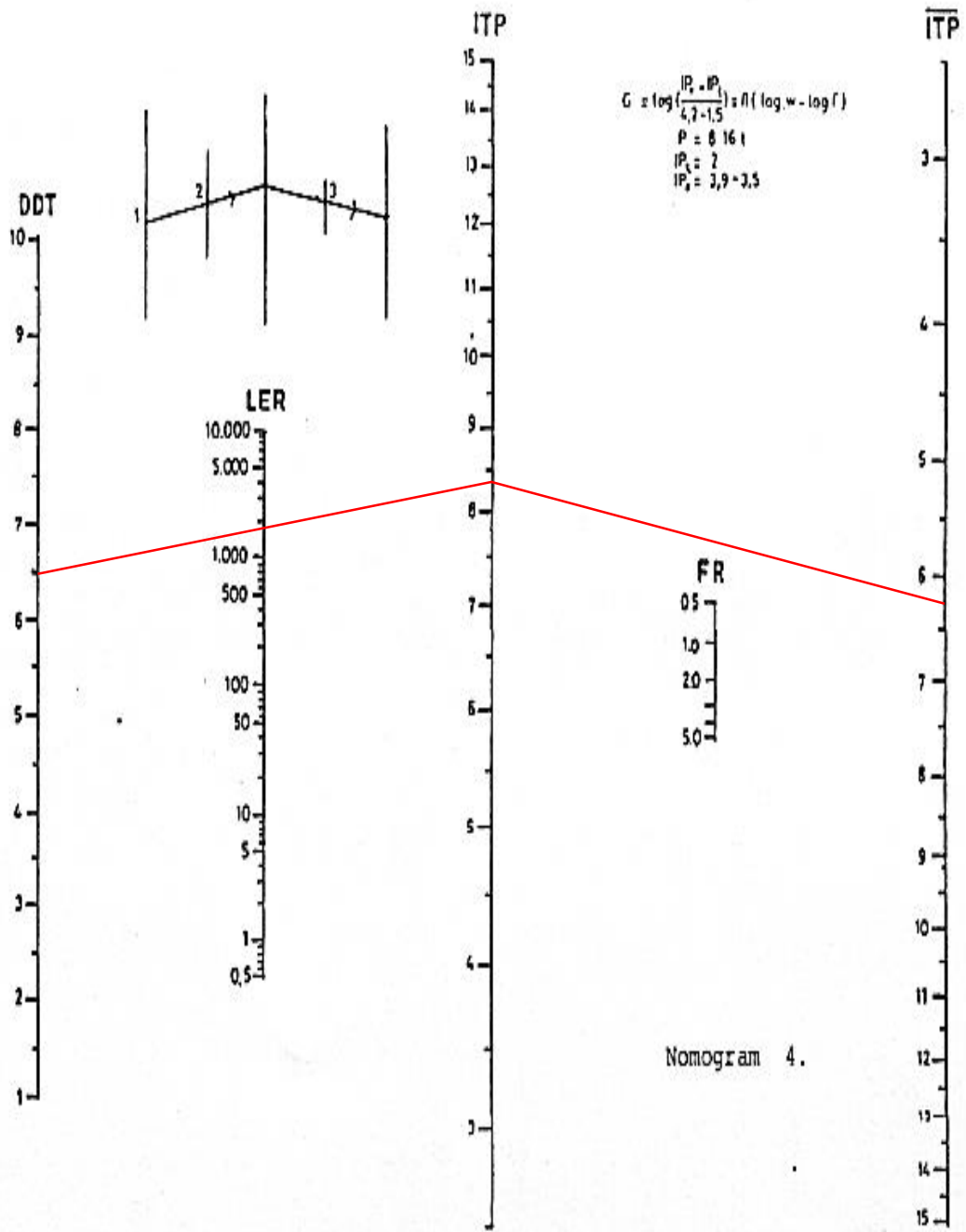
NO.	URAIAN	SATUAN	TAHUN																					
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	JUMUR RENCANA	TAHUN	DATA	DED	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	TINGKAT PERTUMBUHAN TAHUNAN (I)	(%)	3,5	3,5	3,5	3,5	3,5	3,5	3,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	
3	FAKTOR PENGALU PERTUMBUHAN LL (R)		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	TYPE JALAN		2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	2/2 UD	
5	FAKTOR DISTRIBUSI KENDARAAN																							
	- KENDARAAN RINGAN		0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	
	- ENDARAAN BERAT		0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	
6.	KLASIFIKASI KENDARAAN																							
	2 MOBIL PENUMPANG	KEND	1584	1.639	1.697	1.756	1.818	1.881	1.947	1.996	2.046	2.097	2.149	2.203	2.258	2.315	2.372	2.432	2.493	2.555	2.619	2.684	2.751	2.820
	3 OPELET, COMBI, MINIBUS (UTILITAS 1)	KEND	52	54	56	58	60	62	64	66	67	69	71	72	74	76	78	80	82	84	86	88	90	93
	4 PICK UP MOBIL HANTARAN (UTILITAS 2)	KEND	958	992	1.026	1.062	1.099	1.138	1.178	1.207	1.237	1.268	1.300	1.332	1.366	1.400	1.435	1.471	1.507	1.545	1.584	1.623	1.664	1.706
	5a BUS KECIL	KEND	24	25	26	27	28	29	30	30	31	32	33	33	34	35	36	37	38	39	40	41	42	43
	5b BUS BESAR	KEND	47	49	50	52	54	56	58	59	61	62	64	65	67	69	70	72	74	76	78	80	82	84
	6a TRUCK RINGAN 2 AS	KEND	761	788	815	844	873	904	935	959	983	1.007	1.033	1.058	1.085	1.112	1.140	1.168	1.197	1.227	1.258	1.290	1.322	1.355
	6b TRUCK BERAT 2 AS	KEND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7a TRUCK BERAT 3 AS	KEND	15	16	16	17	17	18	18	19	19	20	20	21	21	22	22	23	24	24	25	25	26	27
	7b TRUCK GANDENG 4 AS	KEND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7c TRUCK SEMI TRAILER	KEND	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7
	JUMLAH	KEND		3.566	3.690	3.820	3.953	4.092	4.235	4.341	4.449	4.560	4.674	4.791	4.911	5.034	5.160	5.289	5.421	5.556	5.695	5.838	5.984	6.133
7.	VEHICLE DAMAGE FACTOR			MD 2015					MST 12 T															
	2 MOBIL PENUMPANG			0,0005					0,0005															
	3 OPELET, COMBI, MINIBUS (UTILITAS 1)			0,0350					0,0350															
	4 PICK UP MOBIL HANTARAN (UTILITAS 2)			0,0350					0,0350															
	5a BUS KECIL			0,3000					0,1592															
	5b BUS BESAR			1,0000					0,3106															
	6a TRUCK RINGAN 2 AS			1,6000					0,1592															
	6b TRUCK BERAT 2 AS			7,3000					4,9690															
	7a TRUCK BERAT 3 AS			28,1000					4,7000															
	7b TRUCK GANDENG 4 AS			30,3000					9,4000															
	7c TRUCK SEMI TRAILER			41,6000					9,3700															
8	ESAL 4 (x 10 ^6)																							
	2 MOBIL PENUMPANG	KEND		0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
	3 OPELET, COMBI, MINIBUS (UTILITAS 1)	KEND		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	4 PICK UP MOBIL HANTARAN (UTILITAS 2)	KEND		17	18	19	19	20	21	21	22	22	23	23	24	24	25	26	26	27	28	28	29	30
	5a BUS KECIL	KEND		4	4	4	4	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	
	5b BUS BESAR	KEND		24	25	26	27	28	9	9	9	10	10	10	11	11	11	11	11	12	12	12	13	
	6a TRUCK RINGAN 2 AS	KEND		630	652	675	699	723	74	76	78	80	82	84	86	89	91	93	95	98	100	103	105	
	6b TRUCK BERAT 2 AS	KEND		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7a TRUCK BERAT 3 AS	KEND		218	226	234	242	250	43	44	46	47	48	49	50	52	53	54	55	57	58	60	61	
	7b TRUCK GANDENG 4 AS	KEND		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7c TRUCK SEMI TRAILER	KEND		86	89	92	95	99	23	24	24	25	25	26	27	27	28	29	29	30	31	32	33	
	JUMLAH ESA	KEND		981	1.015	1.051	1.088	1.126	174	179	183	188	192	197	202	207	212	218	223	229	235	240	246	
9	ESAL 4 (X 10^6)			0,36	0,37	0,38	0,40	0,41	0,06	0,07	0,07	0,07	0,07	0,07	0,07	0,08	0,08	0,08	0,08	0,08	0,09	0,09	0,09	
	ESAL 5 (X 10^6)			0,64	1,31	2,00	2,72	3,46	3,57	3,69	3,81	3,93	4,06	4,19	4,32	4,46	4,60	4,74	4,89	5,04	5,19	5,35	5,51	

Lampiran 2



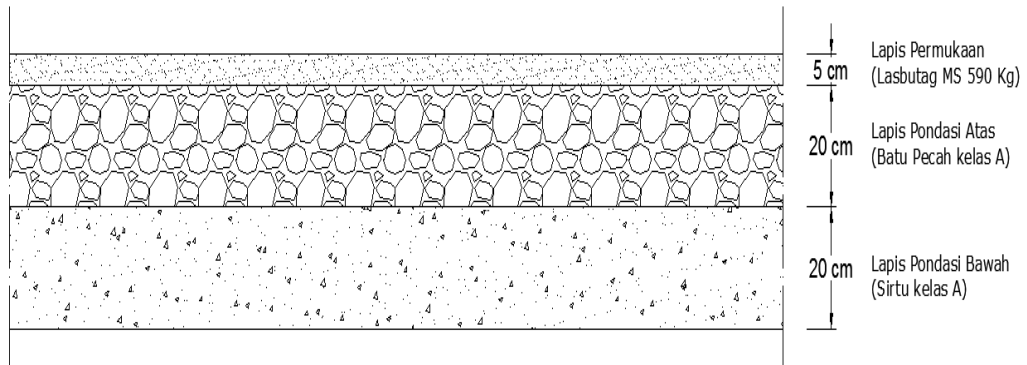
Gambar 1. Nilai Daya Dukung Tanah (DDT)

Lampiran 3



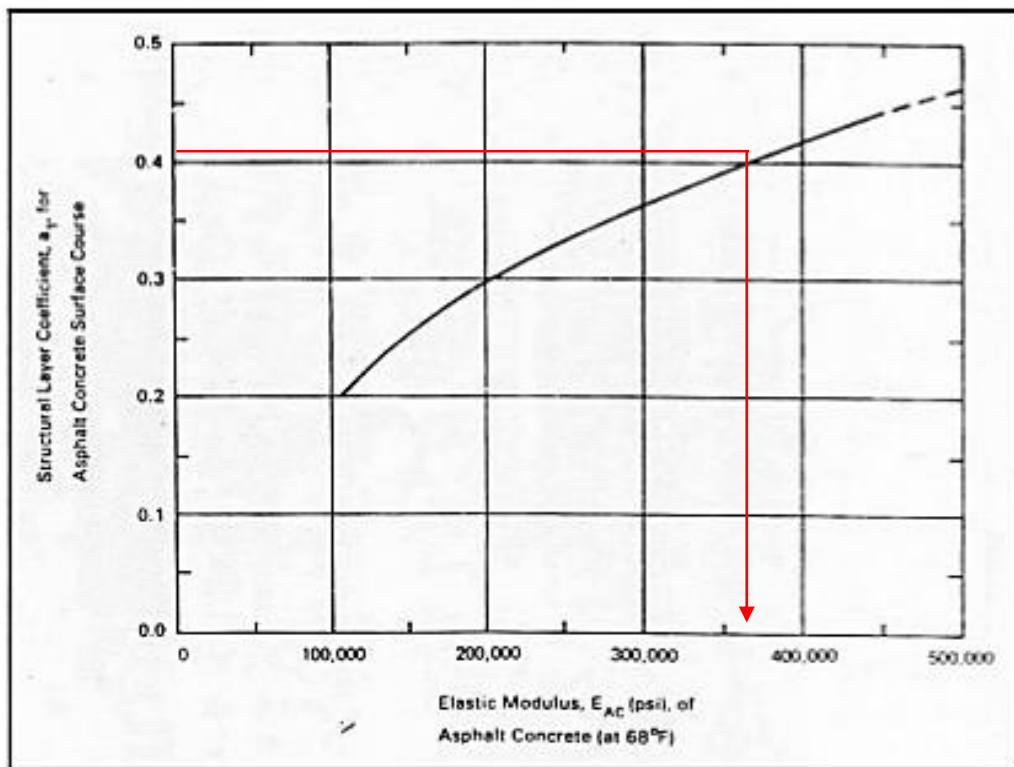
Gambar 2. Grafik Penentuan Nilai Indeks Tebal Perkerasan (ITP)

Lampiran 4



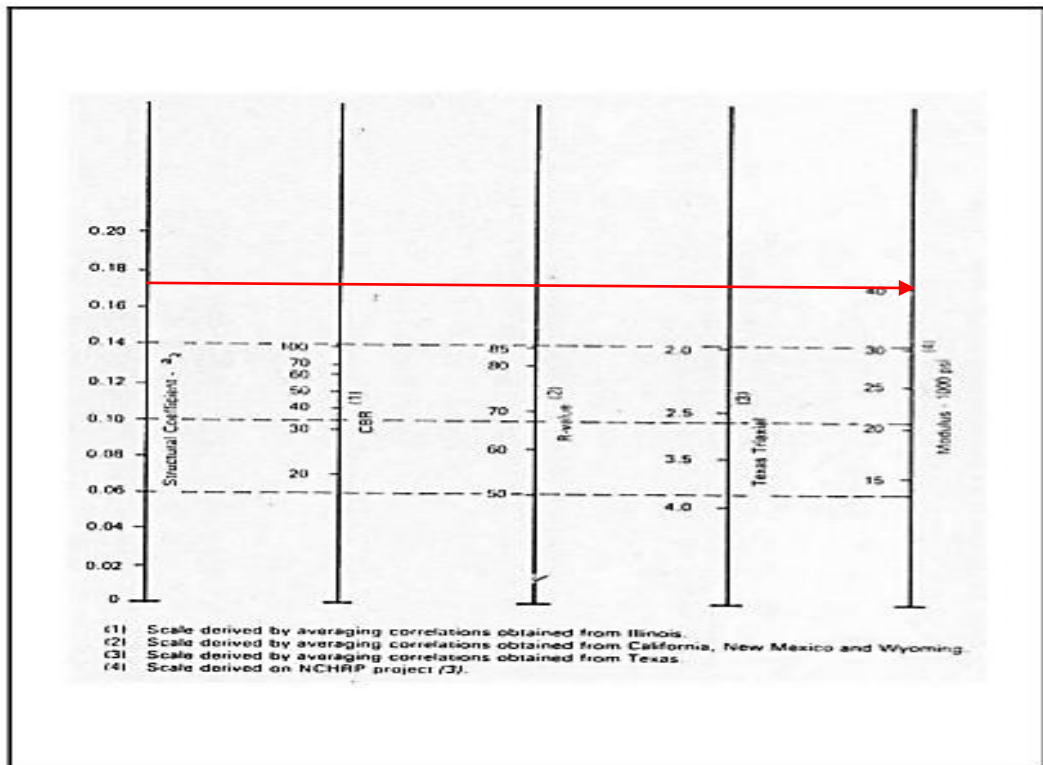
Gambar 3. Tebal Perkerasan Jalan Berdasarkan Metode Analisa Komponen SKBI 1987

Lampiran 5



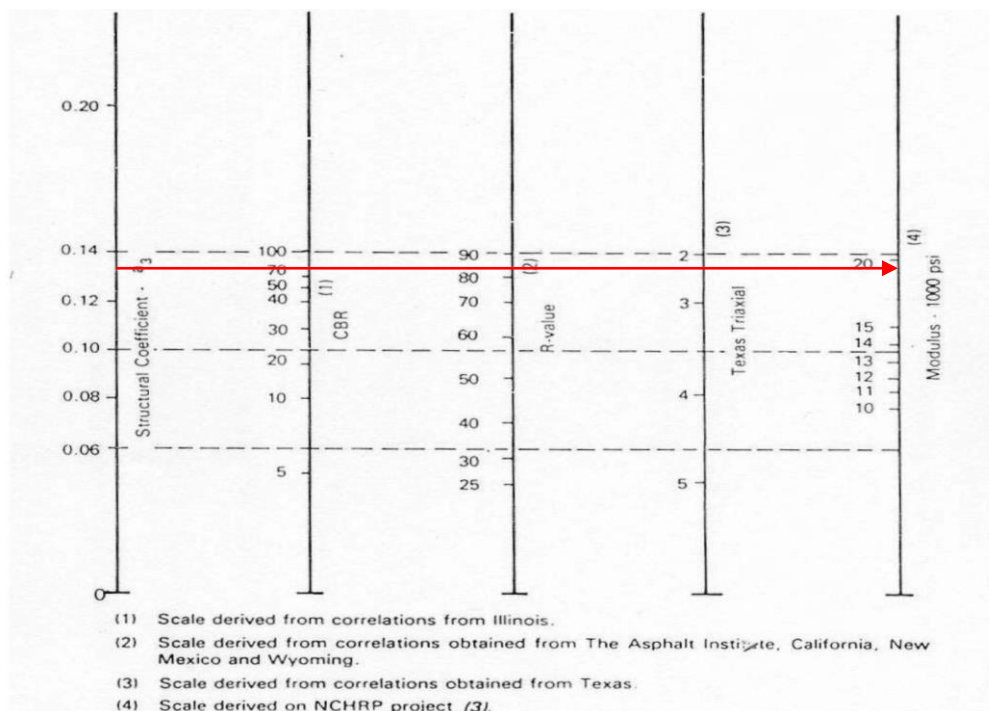
Gambar 4. Nilai Modulus Resilient (M_R) E_{AC}

Lampiran 6



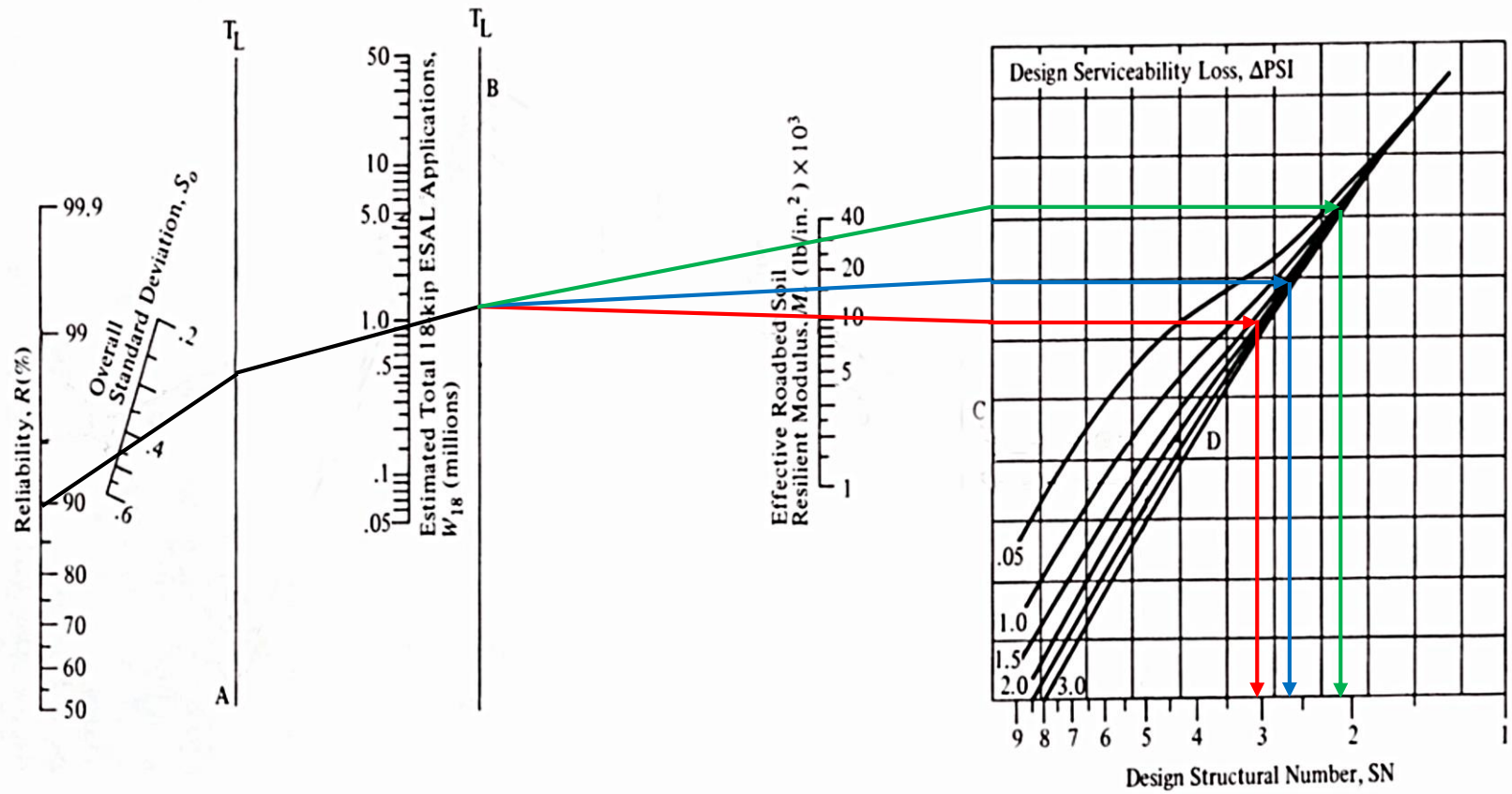
Gambar 5. Nilai Modulus Resilient (M_R) EBS

Lampiran 7



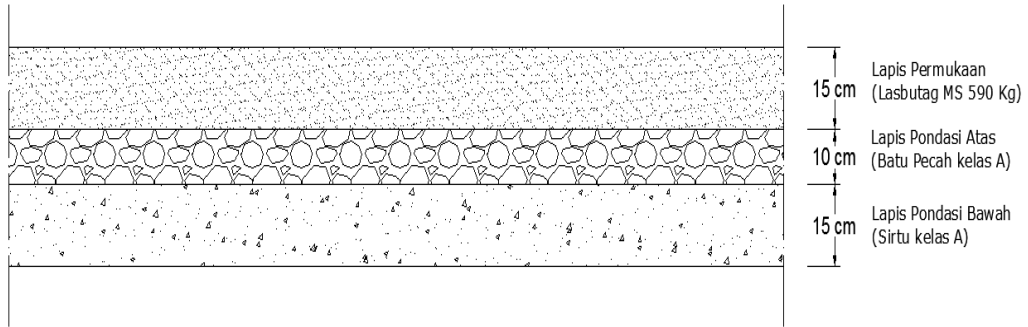
Gambar 6. Nilai Modulus Resilient (M_R) ESB

Lampiran 8



Gambar 7. Penentuan nilai SN menggunakan Nomogram

Lampiran 9



Gambar 8. Tebal perkerasan jalan berdasarkan Metode AASHTO 1993