

## Lampiran

### Lampiran 1. Data Kondisi dan Hasil Pengukuran Ruas Jalan Ringroad Barat

Tabel 1.1 Data Kondisi dan Hasil Pengukuran Ruas Jalan Ringroad Barat

SURVEY PEMELIHARAAN JALAN CATATAN KONDISI DAN HASIL PENGUKURAN						
Ruas jalan : Ringroad Utara			Cuaca : CERAH			
Panjang jalan : 4000 m			Status jalan : arteri			
			Surveyor : TEAM			
STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
5+590	L	1,4	0,6		0,84	Tambalan
5+700	L	10,6	1,1		11,66	Retak memanjang/melintang
5+734	L	10,1	1,1		11,11	Retak memanjang/melintang
5+756	L	2,8	1,2		3,36	Retak memanjang/melintang
5+790	M	1,9	2,6		4,94	Retak memanjang/melintang
5+800	L	1,3	0,4		0,52	Tambalan
5+845	H	15,5	1		15,5	alur
5+900	M	3	2,6		7,8	retak memanjang/melintang
5+920	L	1,3	1,1		1,43	Tambalan
5+930	L	4,3	1,4		6,02	Tambalan
5+968	L	1	0,67		0,67	Tambalan
6+090	L	3,3	1,1		3,63	Tambalan
6+042	L	2,9	1,2		3,48	Tambalan
6+062	L	0,2	0,1	0,3	0,006	Lubang
6+099	M	5	1,3		6,5	Tambalan
6+103	L	1,7	0,3		0,51	pengausan agregat
6+135	L	10	2,8		28	alur
6+197	L	2,1	1,4		2,94	Tambalan
6+198	L	4,5	1,2		5,4	retak buaya
6+200	L	3	1		3	Tambalan
6+205	M	6,5	1		6,5	Tambalan
6+208	L	1,8	1,1		1,98	Tambalan
6+211	L	8	2,7		21,6	retak buaya
6+300	M	17	1,8		30,6	retak buaya
6+315	M	3,1	1		3,1	Tambalan
6+333	L	0,9	0,8		0,72	Tambalan
6+351	L	11	1,4		15,4	retak buaya

Tabel 1.1 Lanjutan

6+362	M	4,4	1		4,4	Tambalan
6+367	M	4,8	1		4,8	Tambalan
6+370	L	5	0,7		3,5	Tambalan
6+384	L	3	0,5		1,5	Tambalan
6+393	M	4,1	1		4,1	Tambalan
6+398	L	4,3	0,5		2,15	Tambalan
6+400	M	10	1,1		11	retak buaya
6+425	L	1,2	0,9		1,08	Tambalan
6+429	L	2,6	0,6		1,56	Tambalan
6+434	M	5	1,6		8	retak buaya
6+442	M	6	1,4		8,4	retak buaya
6+459	M	5	1,8		9	retak buaya
6+459	L	2,7	1		2,7	Tambalan
6+462	L	1,4	0,7		0,98	Tambalan
6+465	M	5,1	1,4		7,14	Tambalan
6+479	L	0,3	0,2	0,05	0,003	Lubang
6+482	M	5,3	2,2		11,66	Tambalan
6+487	L	0,3	0,3	0,04	0,0036	Lubang
6+491	L	2,1	1,2		2,52	Tambalan
6+500	L	1,2	0,6	0,04	0,0288	Lubang
6+504	L	0,7	0,5	0,03	0,0105	Lubang
6+504	M	8,5	1		8,5	Retak buaya
6+517	L	3,4	1		3,4	Tambalan
6+518	L	1,3	0,5		0,65	Kegemukan
6+518	L	3,4	1		3,4	Retak buaya
6+526	M	11	1		11	Retak buaya
6+549	M	5	1,3		6,5	Retak buaya
6+611	M	10	1,2		12	Retak buaya
6+639	L	9	0,3		2,7	Pengausan agregat
6+651	M	3,4	1,4		4,76	Tambalan
6+673	L	0,1	0,1	0,02	0,0002	Lubang
6+700	L	2,2	1,5		3,3	Tambalan
6+721	M	6	1,2		7,2	Tambalan
6+735	L	3,8	1,1		4,18	Tambalan
6+742	L	4,6	1,4		6,44	Retak buaya
6+746	M	10	1,5		15	Tambalan
6+773	M	8	1,4		11,2	Kegemukan
6+790	M	4,7	1,6		7,52	Tambalan
6+800	L	3,7	0,6		2,22	Kegemukan
6+810	L	5	1,5		7,5	Cekungan
6+822	L	1,8	1		1,8	Tambalan

Tabel 1.1 Lanjutan

6+828	L	6,5	1,2		7,8	Retak buaya
6+878	L	3,9	1,3		5,07	Tambalan
6+883	L	2	1,6		3,2	Tambalan
6+934	L	13	2,7		35,1	Keriting
7+019	M	4,4	1,7		7,48	Tambalan
7+022	L	1,7	1,1		1,87	Tambalan
7+110	M	3,1	1,9		5,89	Tambalan
7+112	L	2,3	1,1		2,53	Tambalan
7+128	L	3,6	1,1		3,96	Tambalan
7+157	M	3,4	1,4		4,76	Tambalan
7+163	L	1,6	1,4		2,24	Tambalan
7+180	L	3,6	1,2		4,32	Tambalan
7+190	L	1,5	0,9		1,35	Tambalan
7+224	L	2,1	1		2,1	Tambalan
7+241	M	9	1,1		9,9	Tambalan
7+273	M	5,3	1,3		6,89	Tambalan
7+287	L	2	1,1		2,2	Tambalan
7+293	L	3,6	0,9		3,24	Tambalan
7+368	M	3,8	1,7		6,46	Tambalan
7+384	M	3,3	1,4		4,62	Tambalan
7+429	L	1,8	0,9		1,62	Tambalan
7+440	L	0,6	0,4		0,24	retak pinggir
7+467	M	12	0,7		8,4	Retak buaya
7+467	L	2,6	0,8		2,08	Tambalan
7+490	M	3,9	1,3	0,06	0,3042	Kegemukan
7+560	M	7	1,5		10,5	Tambalan
7+560	M	5	1,1		5,5	Tambalan
7+562	M	6	1,4		8,4	Tambalan
7+562	M	10	1,3		13	Tambalan
7+562	L	0,4	0,2	0,4	0,032	Lubang
7+581	L	3	0,8		2,4	Tambalan
7+581	M	7,8	1,4		10,92	Retak buaya
7+581	L	0,2	0,3	0,06	0,0036	Lubang
7+600	L	4,6	0,8		3,68	Tambalan
7+684	L	0,6	0,7		0,42	Tambalan
7+712	M	4	1,3		5,2	Retak buaya
7+719	M	5,4	1,2		6,48	Retak buaya
7+732	M	8	1,4		11,2	Retak buaya
7+742	L	1	1		1	Tambalan
7+756	M	4	1,6		6,4	Tambalan
7+760	M	4,9	1,6		7,84	Tambalan

Tabel 1.1 Lanjutan


7+760	H	30	1,5		45	Retak buaya
7+784	L	0,6	0,2	0,06	0,0072	Kegemukan
7+786	M	2,6	5,5		14,3	Tambalan
7+795	M	10	1,5		15	Tambalan
7+833	L	1,3	1,2		1,56	Tambalan
7+843	M	14	0,8		11,2	Retak buaya
7+857	L	0,4	0,2	0,04	0,0032	Lubang
7+940	L	6			6	Retak pinggir
7+960	L	4,2			4,2	Retak pinggir
8+000	H	11	2,5		27,5	Tambalan
8+050	L	0,3	0,4		0,12	Tambalan
8+200	L	2,7	1,3		3,51	Retak buaya
8+218	L	4,3			4,3	Retak memanjang/melintang
8+255	L	3,1	1		3,1	Tambalan
8+300	L	1,6	1		1,6	Tambalan
8+324	L	1,6	1		1,6	Tambalan
8+324	L	0,3	0,4	0,02	0,0024	Lubang
8+338	L	5,2			5,2	Retak pinggir
8+338	M	5,2			5,2	Retak memanjang/melintang
8+346	L	3,3			3,3	Retak pinggir
8+367	L	1,2	0,9		1,08	Tambalan
8+368	L	2,3	1,3		2,99	Tambalan
8+392	M	2	1,5		3	Tambalan
8+427	L	1	0,9		0,9	Tambalan
8+428	L	1,7	1,1		1,87	Tambalan
8+451	L	2,5	1,2		3	Tambalan
8+455	L	7	0,7		4,9	Tambalan
8+500	M	3,4	2,2		7,48	Retak buaya
8+541	M	5	1,2		6	Retak buaya
8+557	L	3	1		3	Retak buaya
8+575	L	4	0,5	0,04	0,08	Kegemukan
8+610	L	0,8	0,5		0,4	Tambalan
8+678	L	1,5	0,5		0,75	Tambalan
8+736	L	2,6	1		2,6	Tambalan
8+745	M	7	1,7		11,9	Retak buaya
8+757	L	4,7			4,7	Retak memanjang/melintang
8+779	L	3	1,4		4,2	Tambalan
8+792	H	12	1,6		19,2	Retak buaya
8+800	M	4	1,5		6	Retak buaya
8+822	M	8,3	1		8,3	Retak buaya
8+825	M	6,2	2		12,4	Tambalan

Tabel 1.1 Lanjutan

8+836	L	0,4	0,2	0,02	0,0016	Lubang
8+840	H	18	2,5		45	Retak buaya

P : Panjang    L : Lebar    H : Kedalaman    A : Luas/volume

Tabel 1.2 Tabel Penghitungan *Density* dan *Deduct Value*

AIRFIELD ASHPALT PAVEMENT SKETCH : CONDITION SURVEY DATA SHEET FOR SAMPLE UNIT		SKETCH : 100M 			
1. Retak buaya (m2) 2. Kegemukan (m2) 3. Retak kotak-kotak (m2) 4. Cekungan (m2) 5. Keriting (m2) 6. Amblas (m2) 7. Retak pinggir (m) 8. Retak sambung (m)		9. Pinggir jalan turun vertikal (m) 10. Retak memanjang/melintang (m) 11. Tambalan (m) 12. pengausan agregat (m) 13. Lubang (m2) 14. Perpotongan rel (m2) 15. Alur (m) 16. Sungkur (m2)		17. Patah slip (m2) 18. Mengembang jembul (m2) 19. Pelepasan butir (m)	
STA	DISTRESS SEVERITY	QUANTITY	TOTAL	DENSITY (%)	DEDUCT VALUE
5+000 - 5+100		Tidak Ada Kerusakan			
5+100 - 5+200		Tidak Ada Kerusakan			
5+200 - 5+300		Tidak Ada Kerusakan			
5+300 - 5+400		Tidak Ada Kerusakan			
5+400 - 5+500		Tidak Ada Kerusakan			











Tabel 1.2 Lanjutan

8+700 - 8+800	11L	2,6	4,2				6,8	0,76	3
	1M	11,9					11,9	1,32	24
	1H	19,2					19,2	2,13	41
	10L	4,7					4,7	0,52	2
8+800 - 8+900	1M	6	8,3				14,3	1,59	24
	11M	12,4					12,4	1,38	10
	13L	0,0016					1	0,11	21
	1H	45					4,5	5	53
8+900 - 9+000	Tidak Ada Kerusakan								

Tabel 1.3 Penghitungan CDV

No	STA	Deduct Value					Total	q	CDV
1	5+000 - 5+100						0	0	0
2	5+100 - 5+200						0	0	0
3	5+200 - 5+300						0	0	0
4	5+300 - 5+400						0	0	0
5	5+400 - 5+500						0	0	0
6	5+500 - 5+600						0	0	0
7	5+600 - 5+700						0	0	0
8	5+700 - 5+800	6	7				13	2	9
9	5+800 - 5+900	0	32				32	1	32
10	5+900 - 6+000	8	3				11	1	11
11	6+000 - 6+100	3	21	9			33	2	24
12	6+100 - 6+200	0	18	0	7		25	2	18
13	6+200 - 6+300	1	18	2			21	1	21
14	6+300 - 6+400	34	13	15	3		65	3	43
15	6+400 - 6+500	36	2	14	21		73	3	47
16	6+500 - 6+600	31	21	0	0	6	58	3	37
17	6+600 - 6+700	25	0	8	21		54	3	34
18	6+700 - 6+800	19	3	9	0		31	2	23
19	6+800 - 6+900	0	7	3	10		20	2	15
20	6+900 - 7+000	6					6	1	6
21	7+000 - 7+100	0	9				9	1	9
22	7+100 - 7+200	4	10				14	1	14
23	7+200 - 7+300	3	13				16	1	16
24	7+300 - 7+400	10					10	1	10
25	7+400 - 7+500	1	0	10	0		11	1	11
26	7+500 - 7+600	0	20	21	24		65	3	42
27	7+600 - 7+700	1					1	0	0
28	7+700 - 7+800	30	0	21	54	0	105	3	66
29	7+800 - 7+900	0	23	21			44	2	33
30	7+900 - 8+000	4					4	0	0
31	8+000 - 8+100	30	0				30	1	30
32	8+100 - 8+200						0	0	0
33	8+200 - 8+300	6	1	0			7	1	7
34	8+300 - 8+400	3	21	4	1		29	1	29
35	8+400 - 8+500	3					3	0	0
36	8+500 - 8+600	25	6	0			31	2	23
37	8+600 - 8+700	0					0	0	0
38	8+700 - 8+800	3	24	41	2		70	2	52
39	8+800 - 8+900	24	10	21	53		108	4	63
40	8+900 - 9+000						0	0	0

Tabel 1.4 Penghitungan Nilai PCI Setiap Segmen 5+000-9+000

No.	STA	CDV Max	100-CDV	PCI
1	5+000 - 5+100	0	100	Sempurna
2	5+100 - 5+200	0	100	Sempurna
3	5+200 - 5+300	0	100	Sempurna
4	5+300 - 5+400	0	100	Sempurna
5	5+400 - 5+500	0	100	Sempurna
6	5+500 - 5+600	0	100	Sempurna
7	5+600 - 5+700	0	100	Sempurna
8	5+700 - 5+800	9	91	Sempurna
9	5+800 - 5+900	32	68	Baik
10	5+900 - 6+000	11	89	Sempurna
total			94,8	Sempurna
11	6+000 - 6+100	24	76	Memuaskan
12	6+100 - 6+200	18	82	Memuaskan
13	6+200 - 6+300	21	79	Memuaskan
14	6+300 - 6+400	43	57	Baik
15	6+400 - 6+500	47	53	Sedang
16	6+500 - 6+600	37	63	Baik
17	6+600 - 6+700	34	66	Baik
18	6+700 - 6+800	23	77	Memuaskan
19	6+800 - 6+900	15	85	Sempurna
20	6+900 - 7+000	6	94	Sempurna
total			73,2	Memuaskan
21	7+000 - 7+100	9	91	Sempurna
22	7+100 - 7+200	14	86	Sempurna
23	7+200 - 7+300	16	84	Memuaskan
24	7+300 - 7+400	10	90	Sempurna
25	7+400 - 7+500	11	89	Sempurna
26	7+500 - 7+600	42	58	Baik
27	7+600 - 7+700	0	100	Sempurna
28	7+700 - 7+800	66	34	Buruk
29	7+800 - 7+900	33	67	Baik
30	7+900 - 8+000	0	100	Sempurna
total			79,9	Memuaskan
31	8+000 - 8+100	30	70	Memuaskan
32	8+100 - 8+200	0	100	Sempurna
33	8+200 - 8+300	7	93	Sempurna
34	8+300 - 8+400	29	71	Memuaskan
35	8+400 - 8+500	0	100	Sempurna
36	8+500 - 8+600	23	77	Memuaskan
37	8+600 - 8+700	0	100	Sempurna

Tabel 1.4 Lanjutan

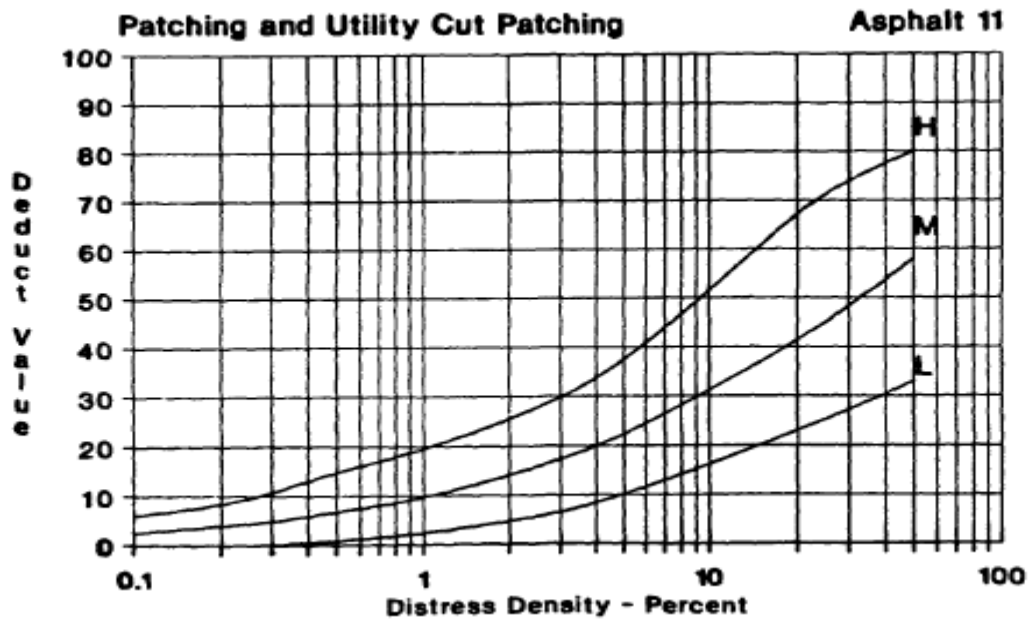
38	8+700 - 8+800	52	48	Sedang
39	8+800 - 8+900	63	37	Buruk
40	8+900 - 9+000	0	100	Sempurna
total			79,6	Memuaskan
$\Sigma$ total			327,5	Memuaskan
			81,875	

Tabel 1.5 Presentase Kerusakan dan Metode Perbaikan

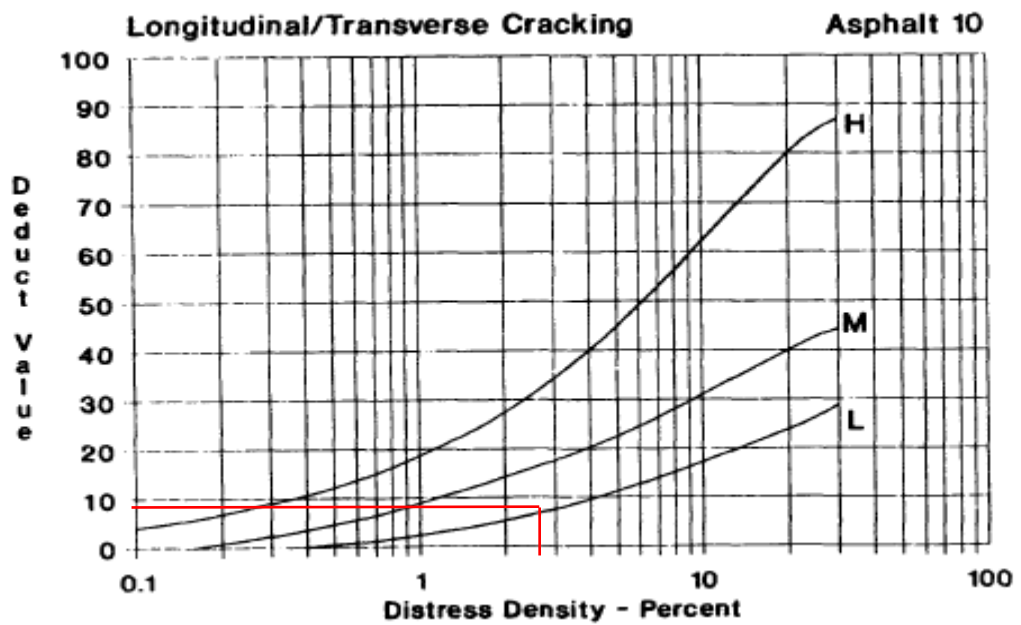
No	Jenis Kerusakan	Jumlah Kerusakan	Presentase Kerusakan	Metode Perbaikan
1	retak buaya	31	20,39	p2
2	kegemukan	6	3,95	p1
3	cekungan	1	0,66	p6
4	keriting	1	0,66	p5
5	retak pinggir	5	3,29	p6
6	retak memanjang/melintang	8	5,26	p2
7	tambalan	85	55,92	-
8	pengausan agregat	2	1,32	-
9	lubang	11	7,24	p5
10	alur	2	1,32	p5
	total kerusakan	152		

Lampiran 2. Grafik Nilai *Deduct Value* (DV)

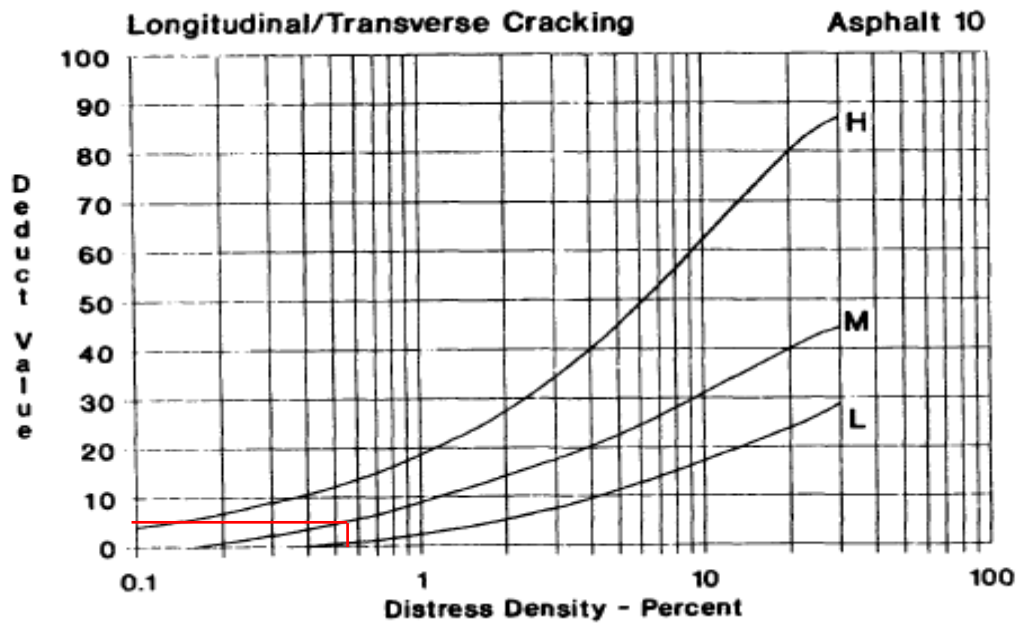
Sta 5+500 – 5+600



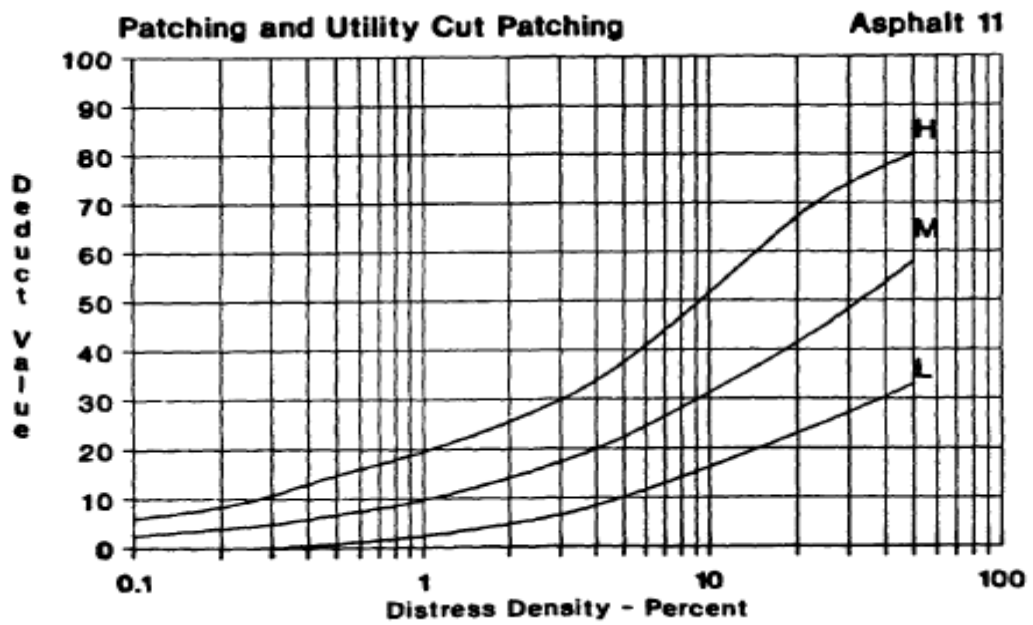
Sta 5+700 – 5+800

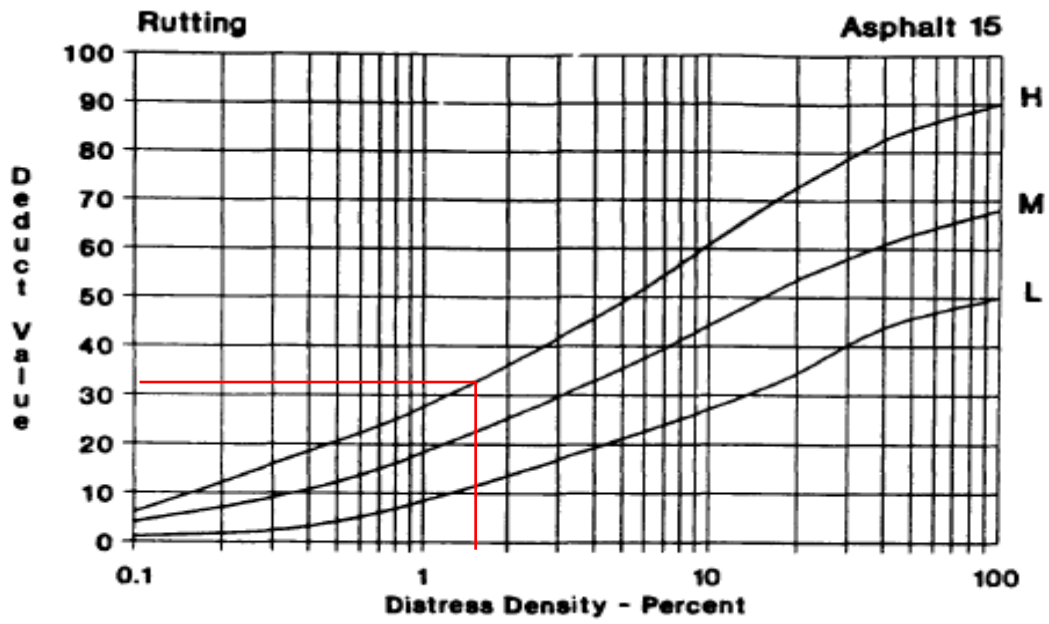




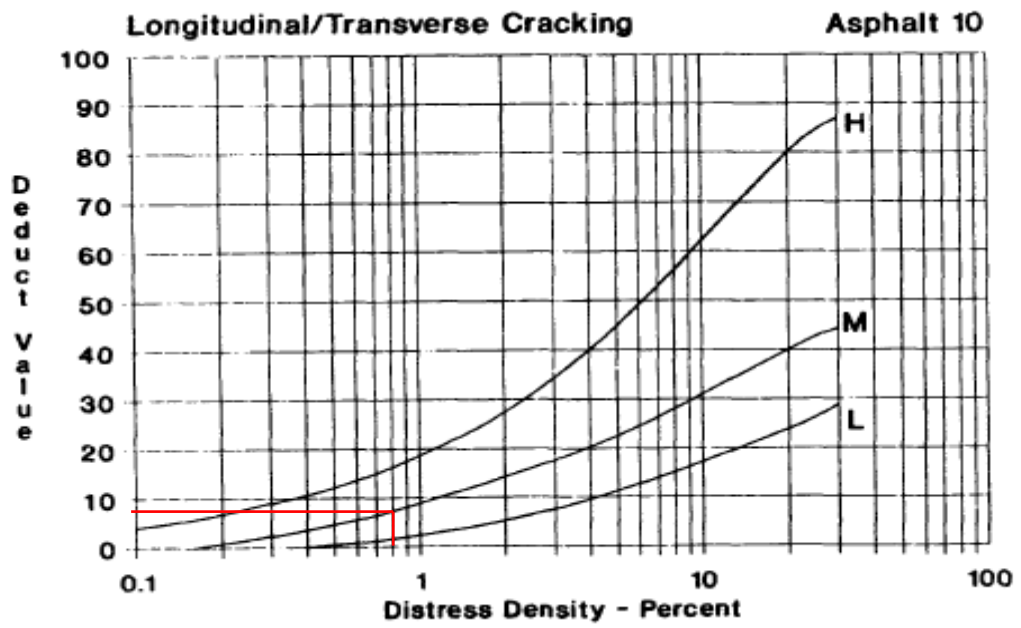


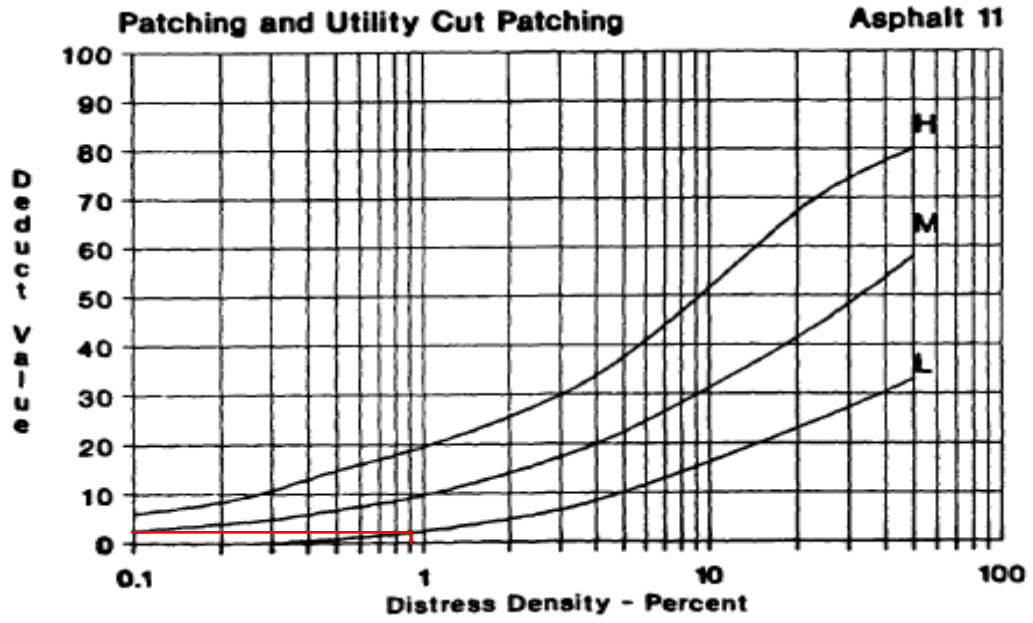
Sta 5+800 – 5+900



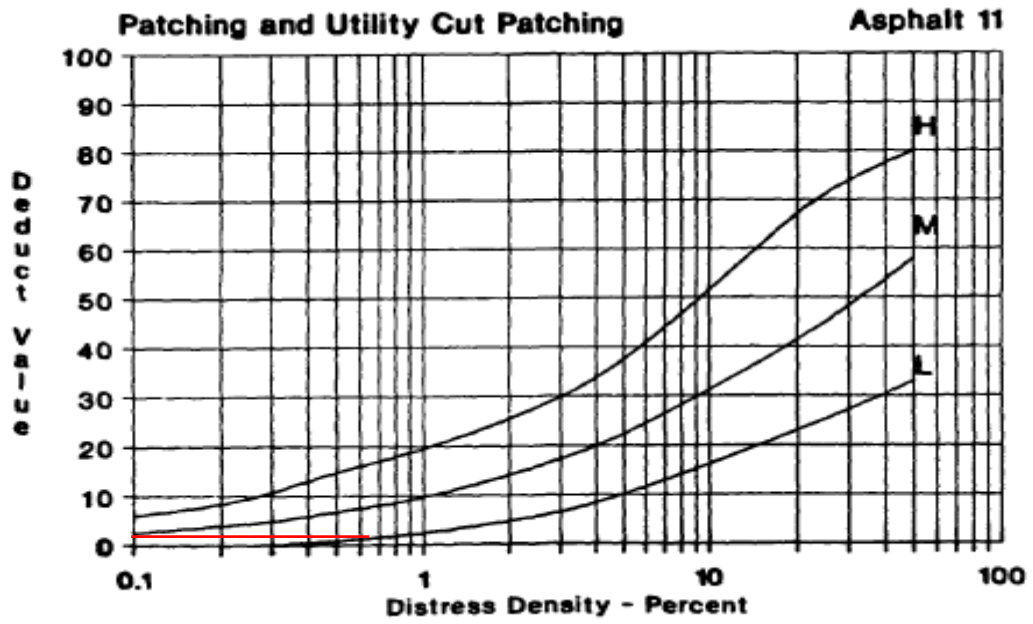


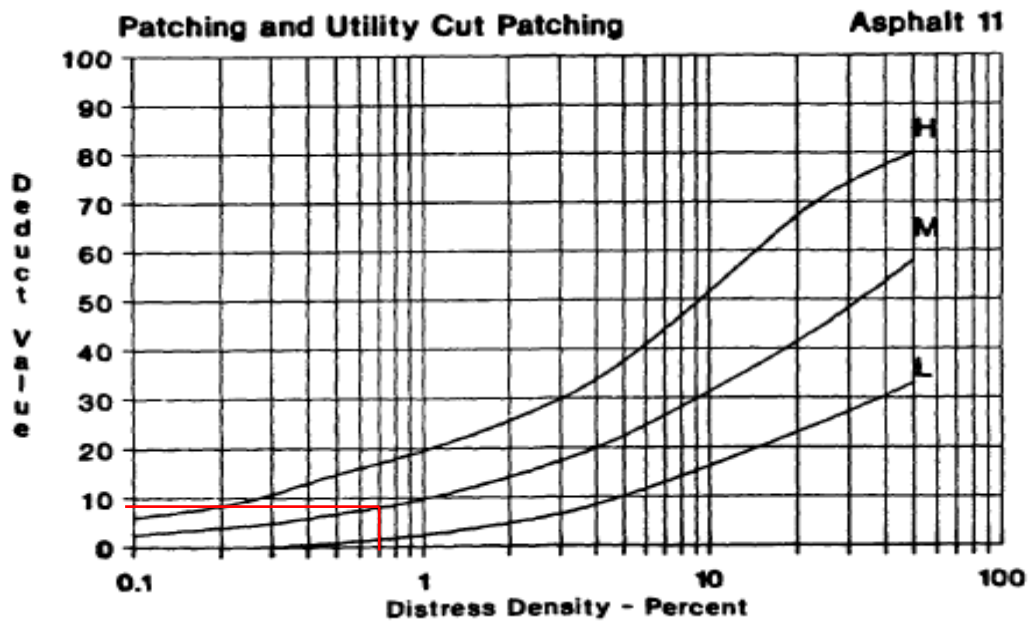
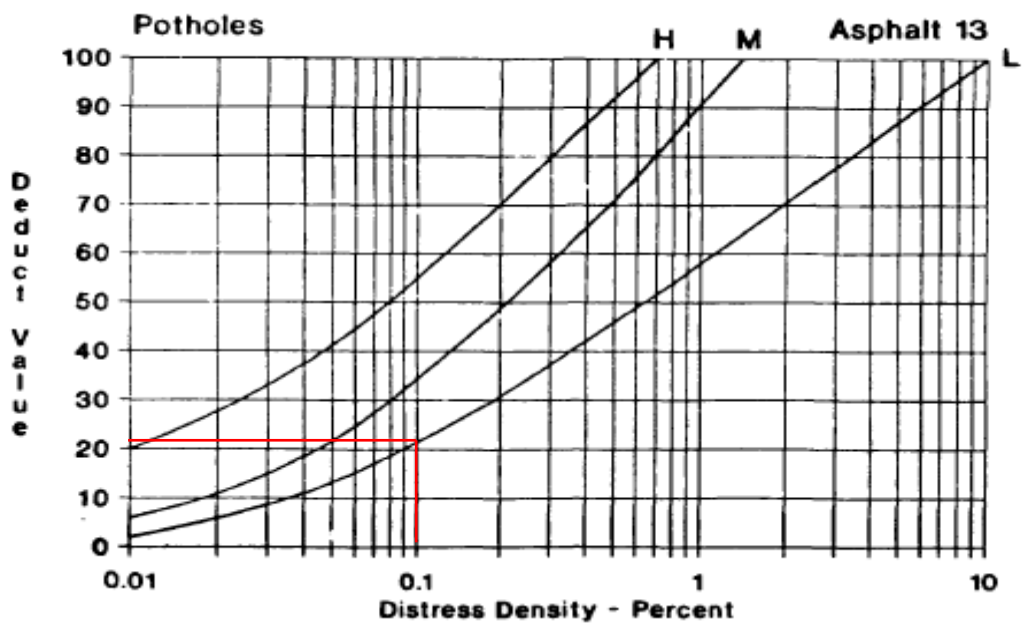
Sta 5+900 – 6+000



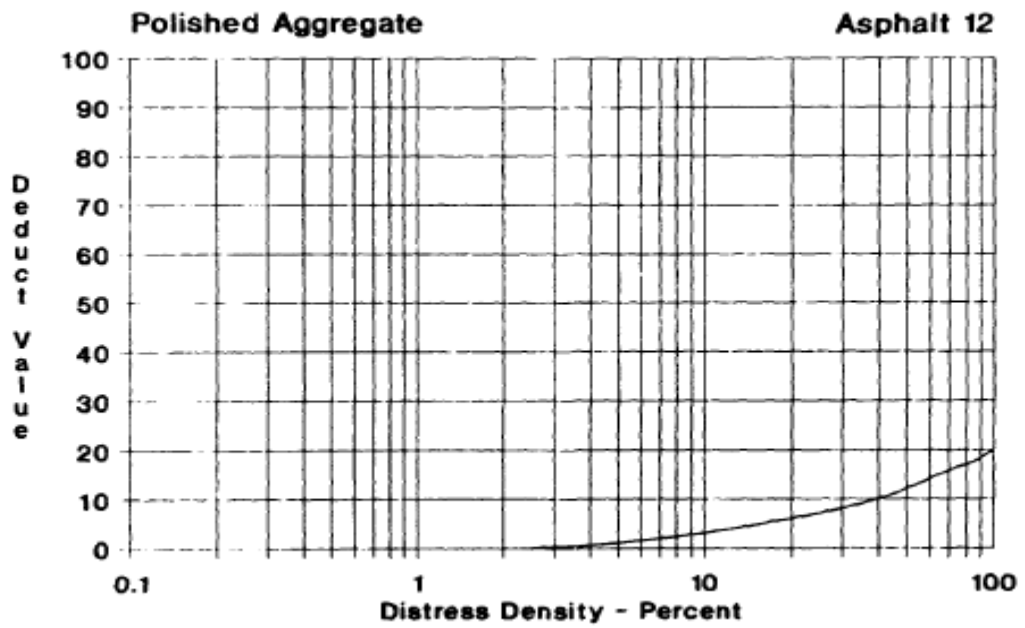


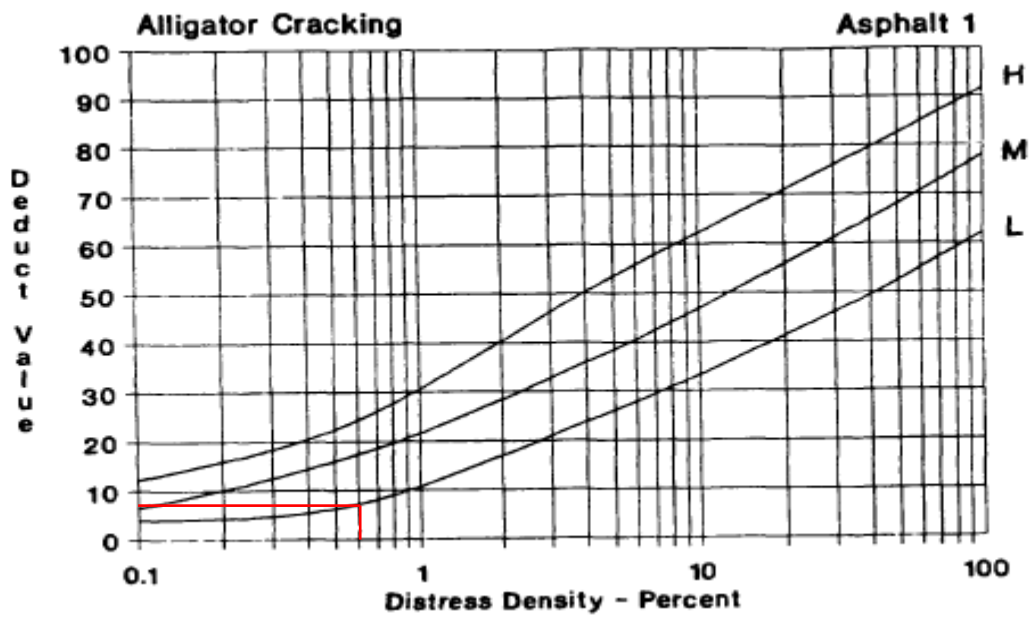
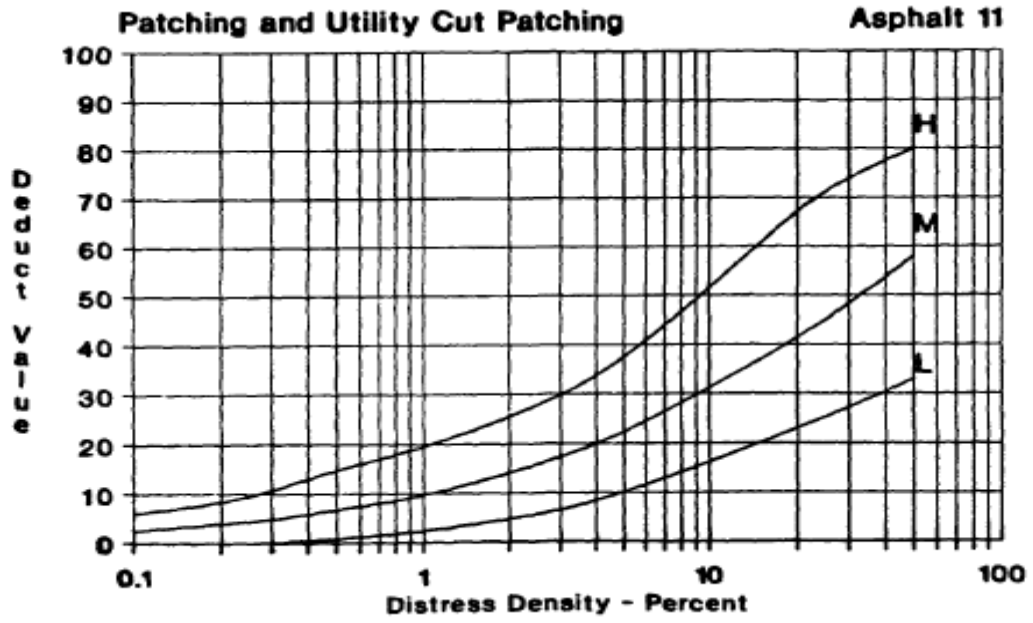
Sta 6+000 – 6+100



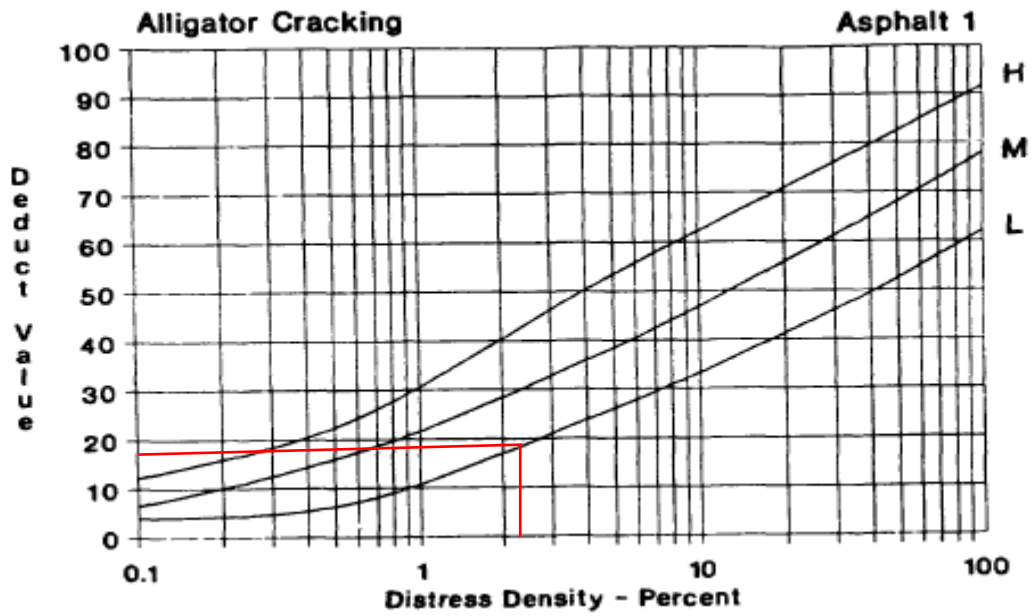
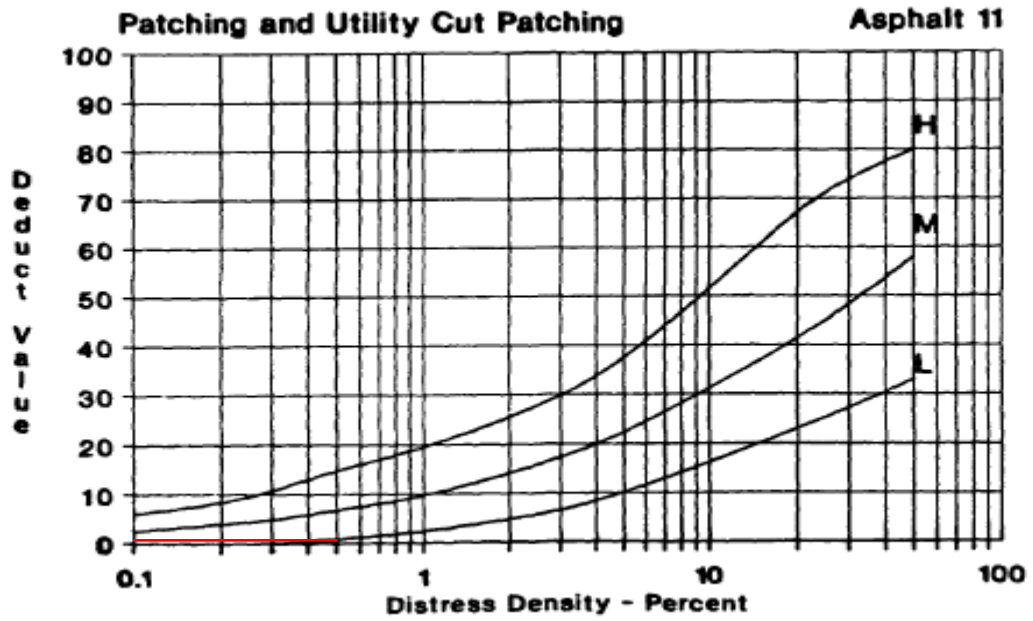


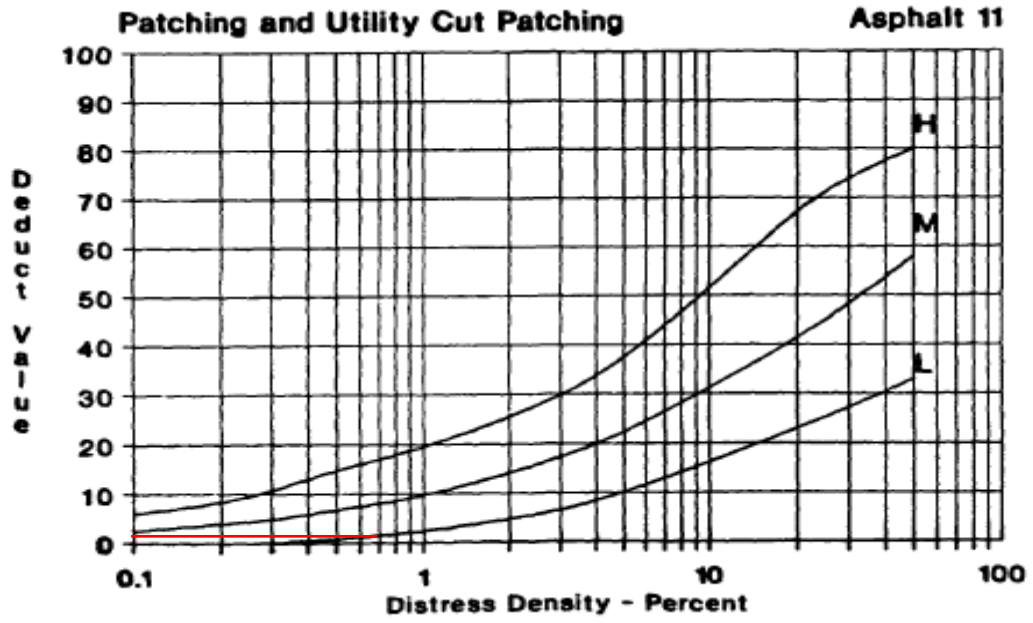
Sta 6+100 – 6+200



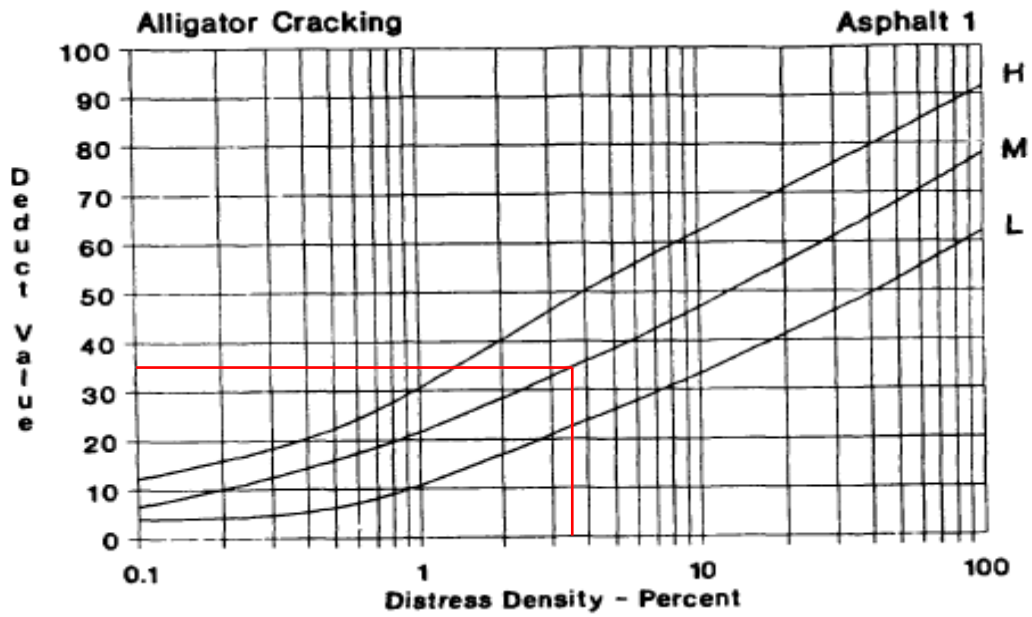


Sta 6+200 – 6+300

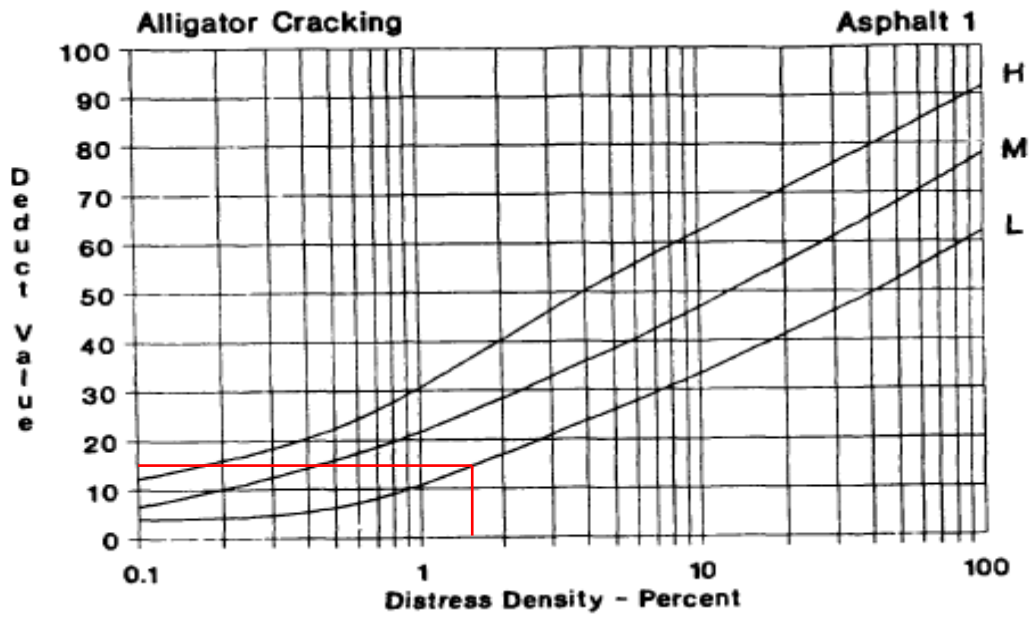
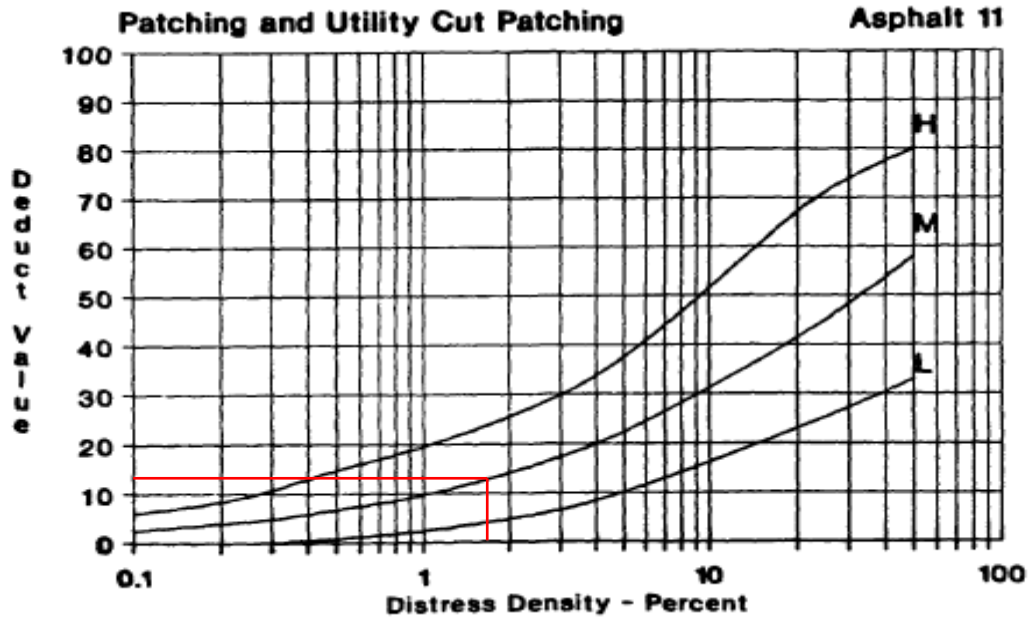


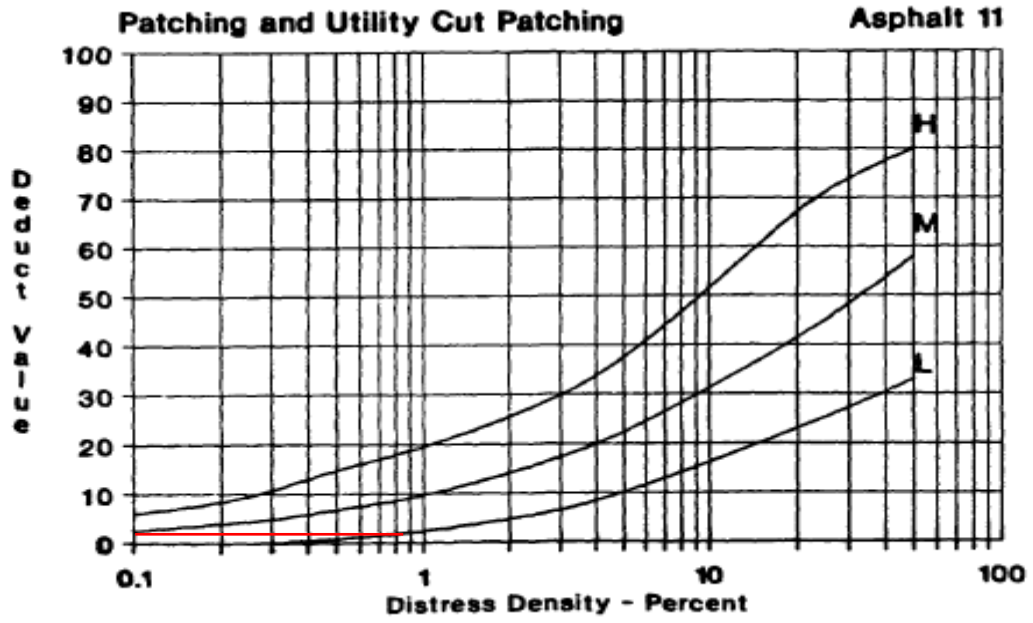


Sta 6+300 – 6+400

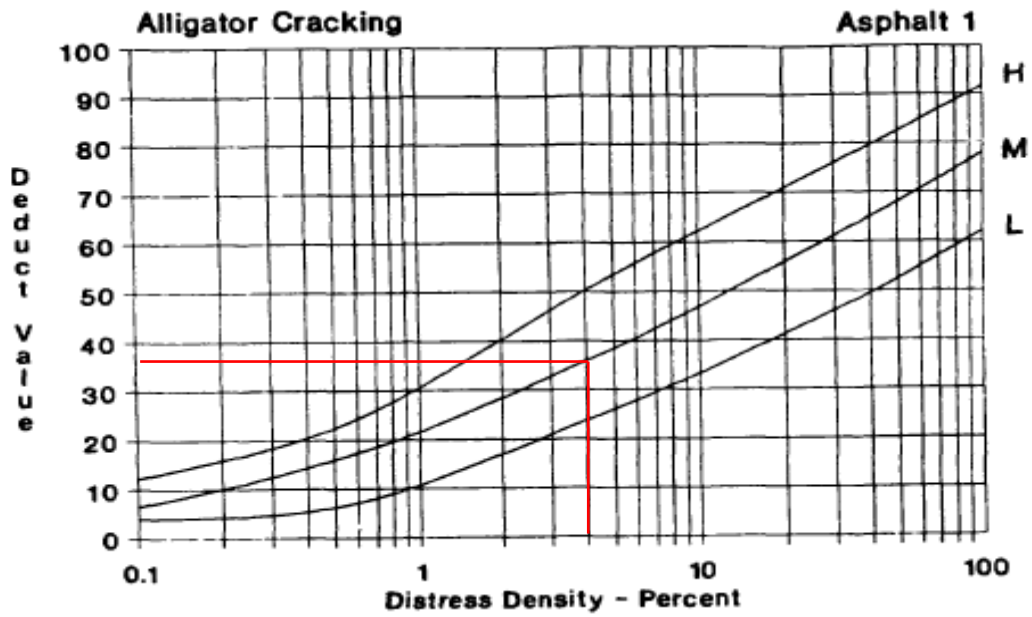


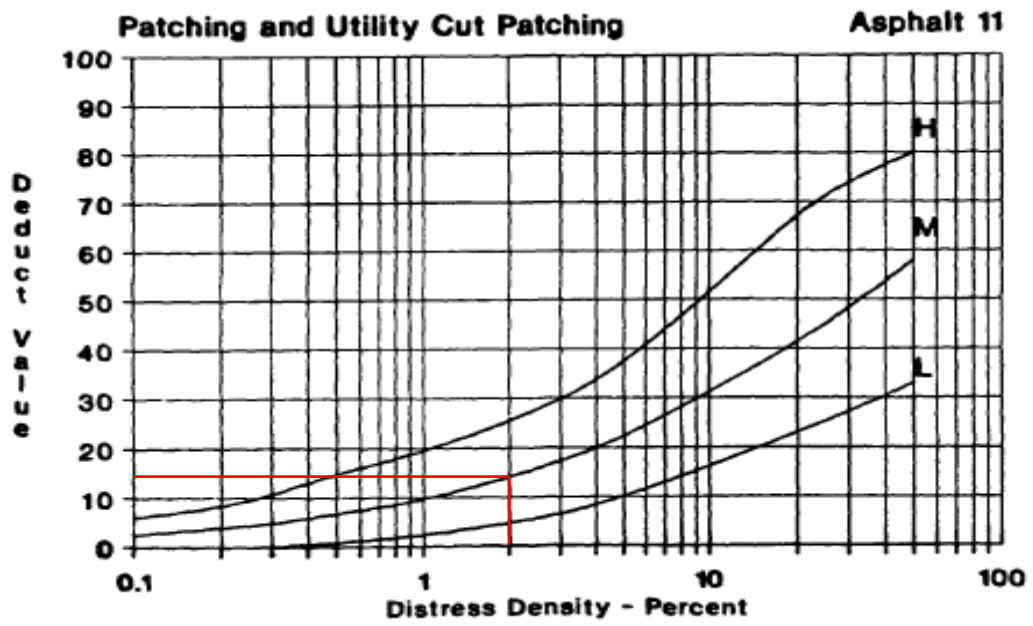
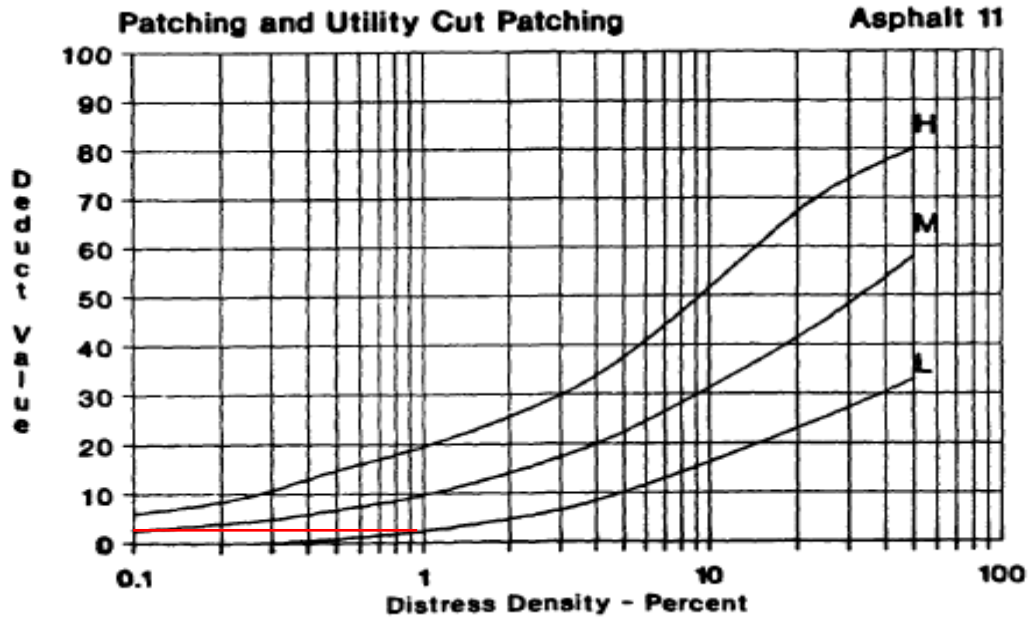


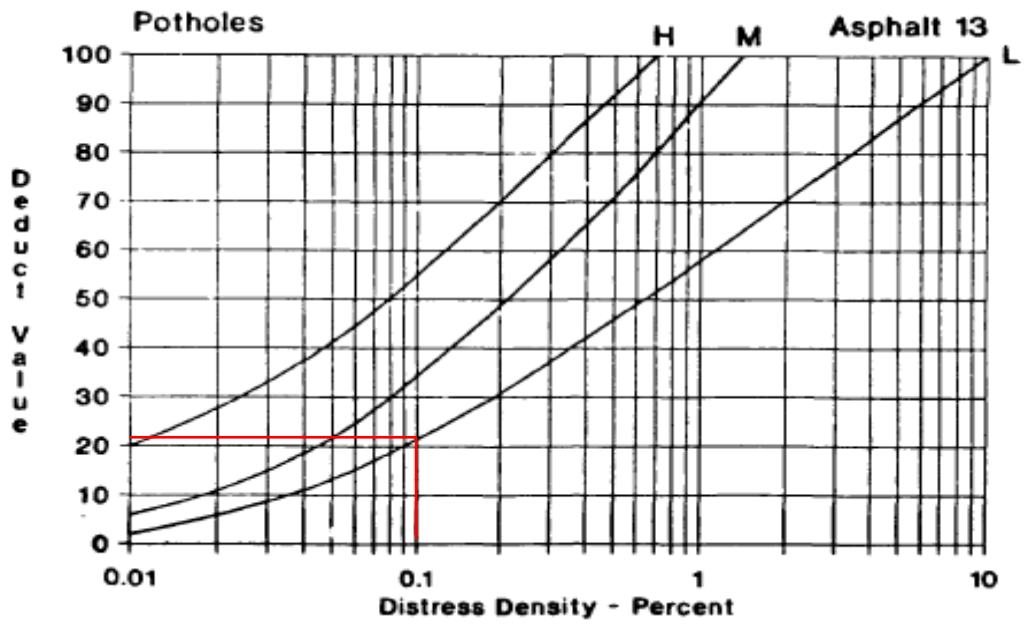




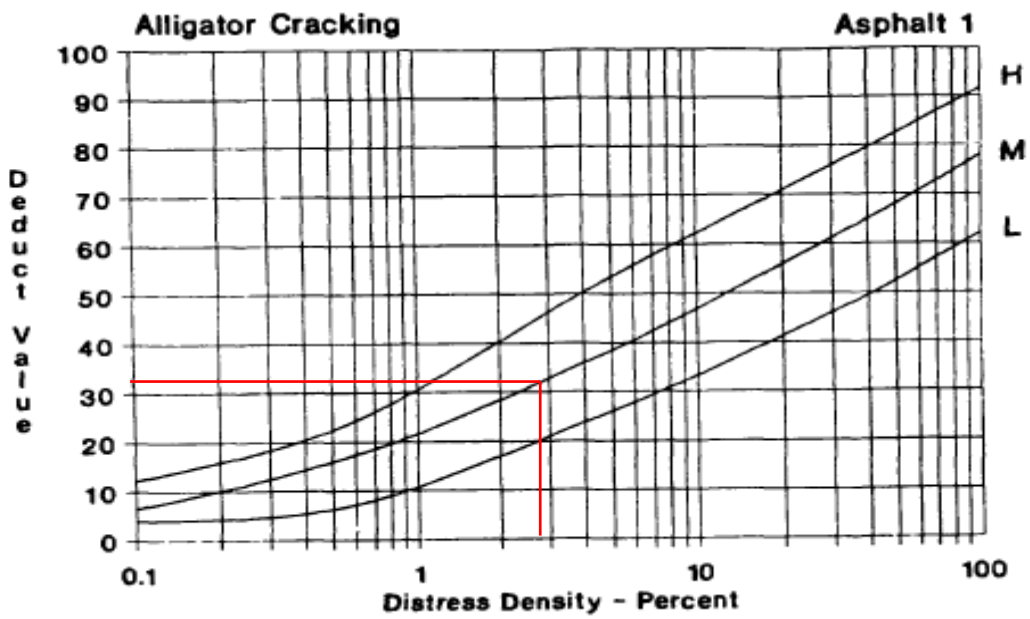
Sta 6+400 – 6+500

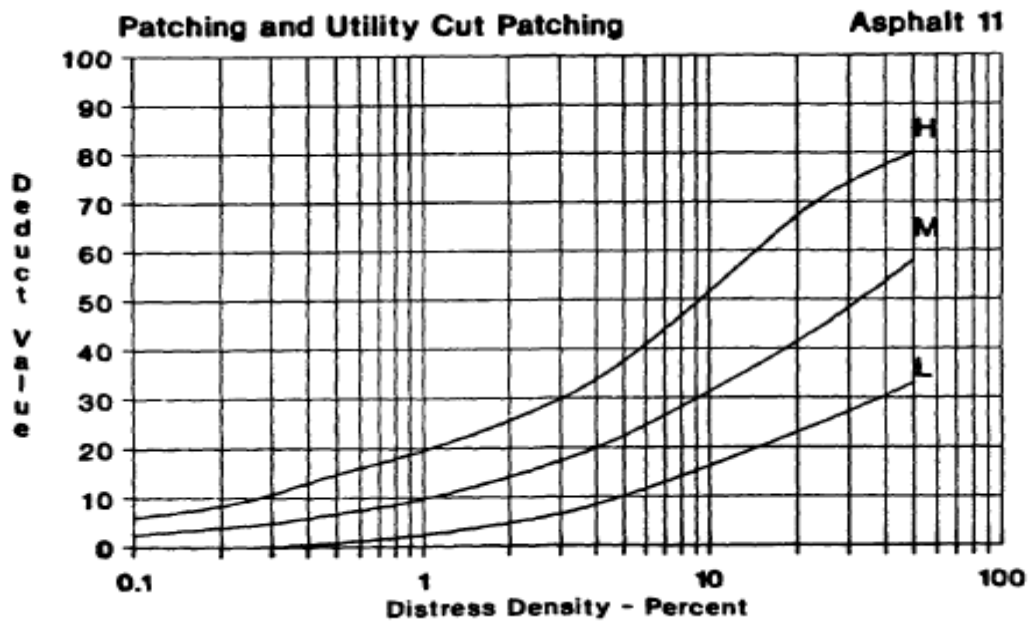
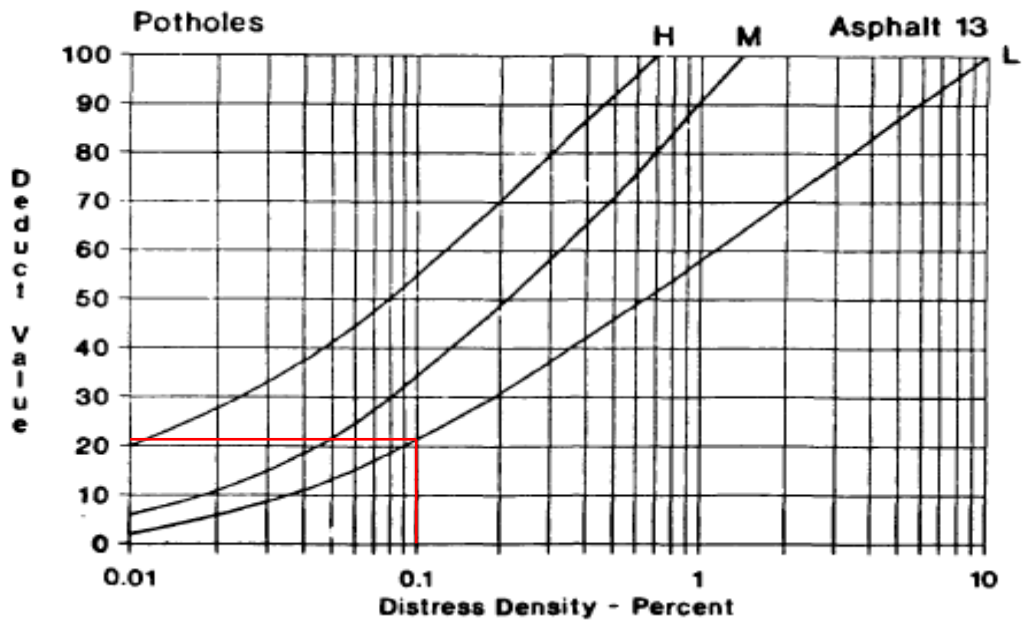


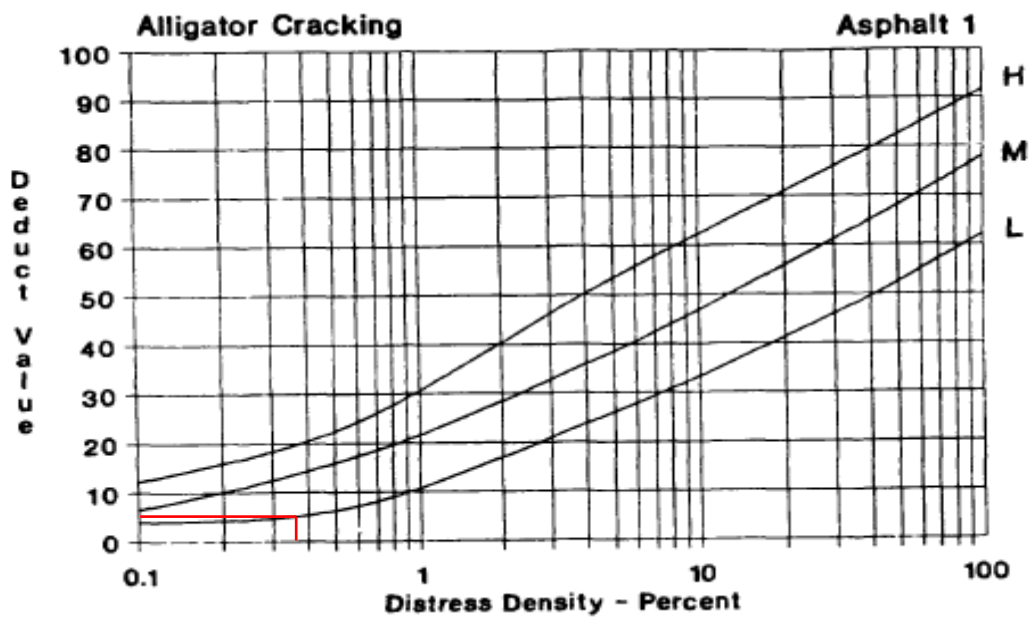
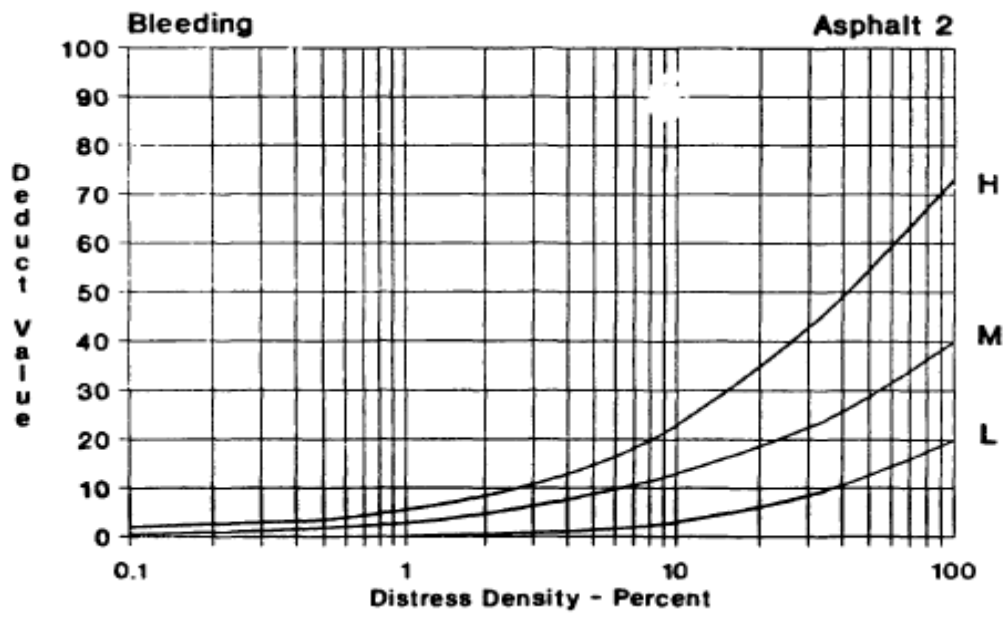




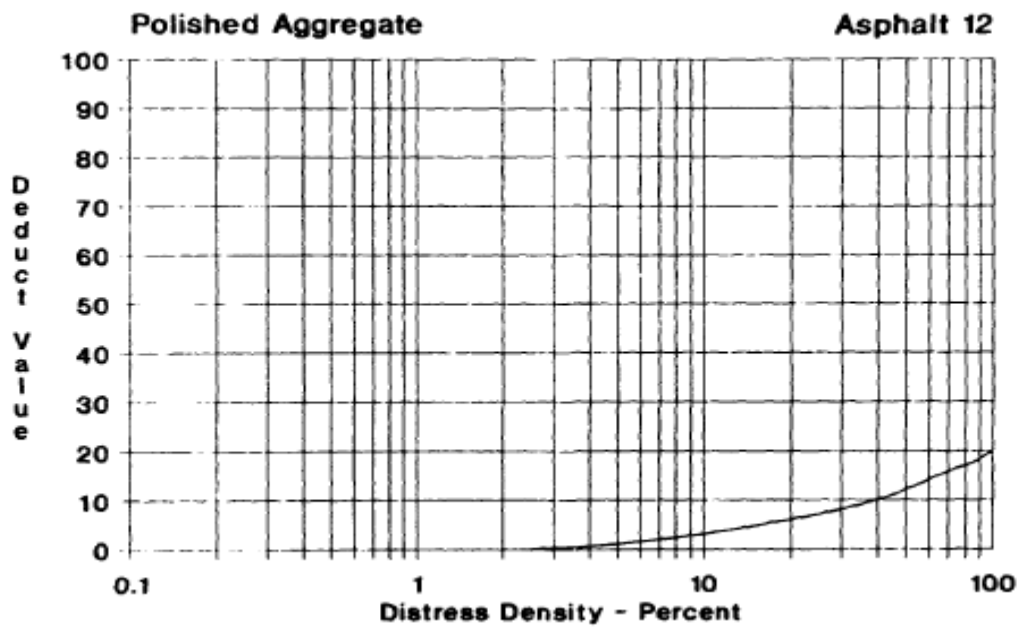
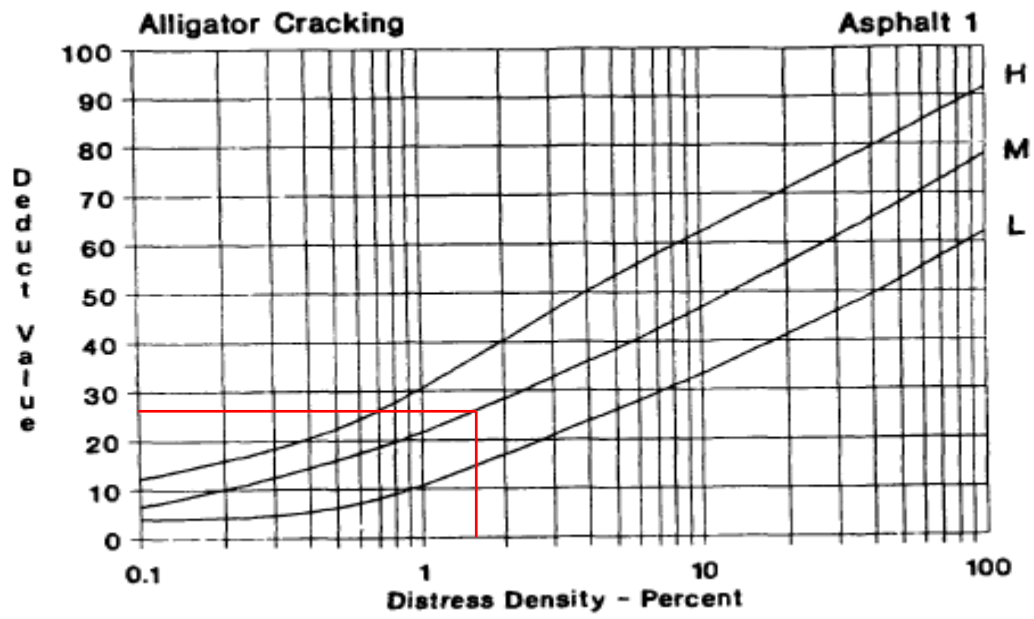
Sta 6+500 – 6+600

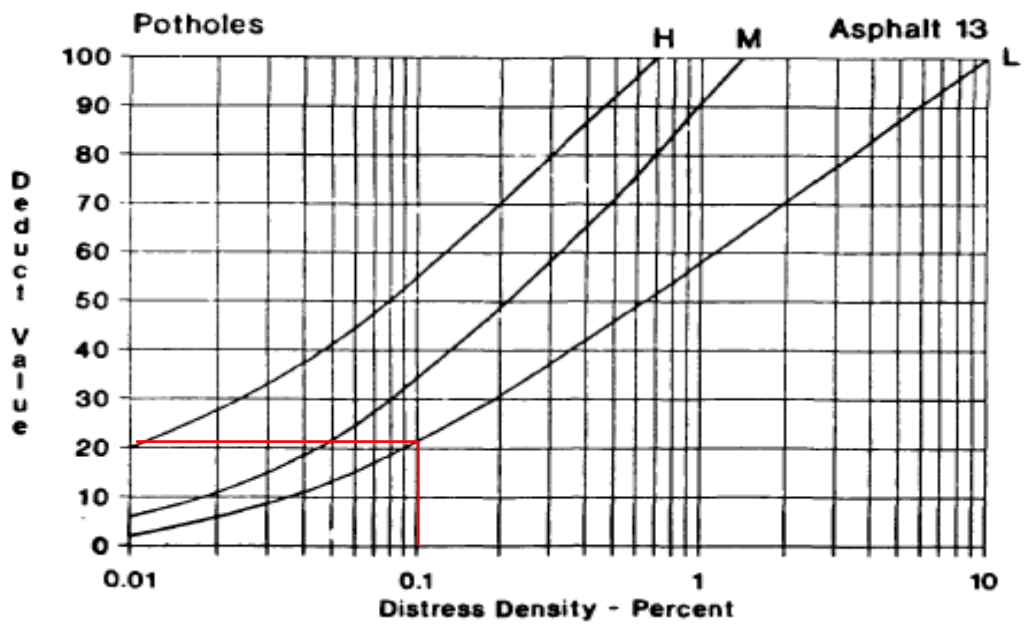
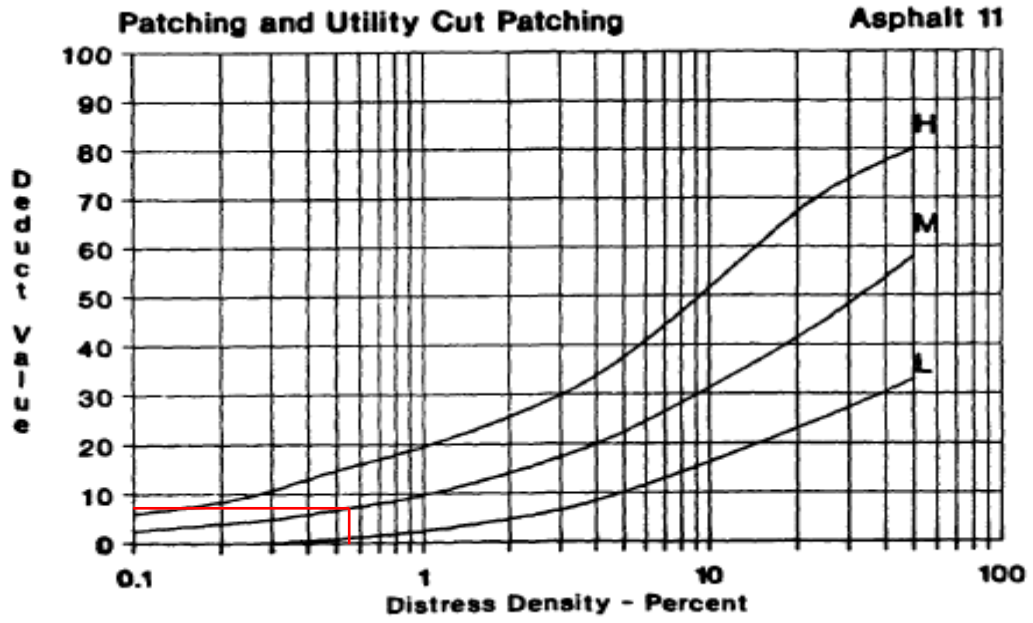






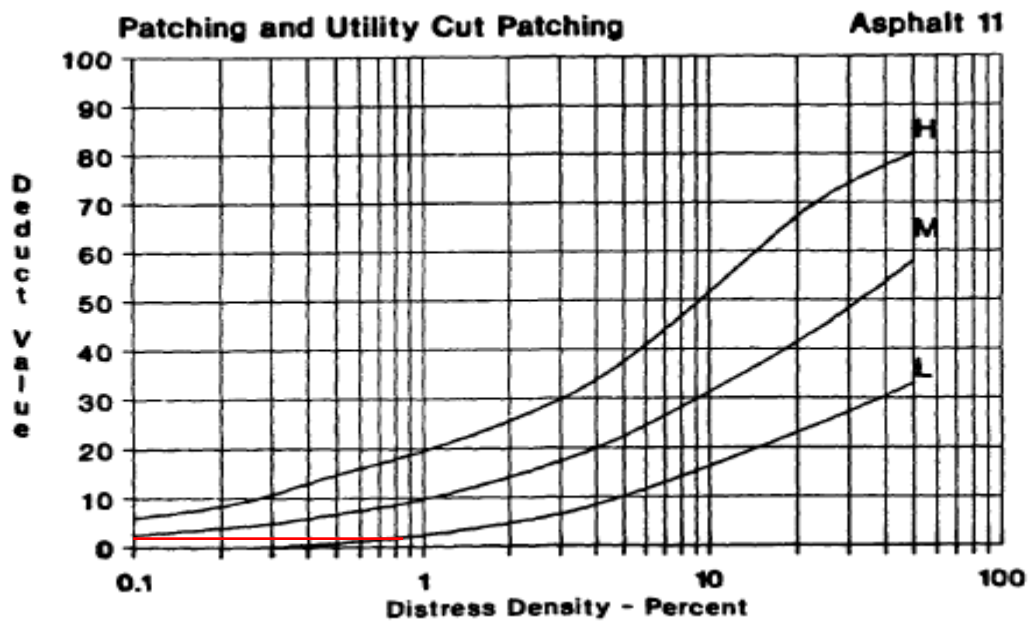
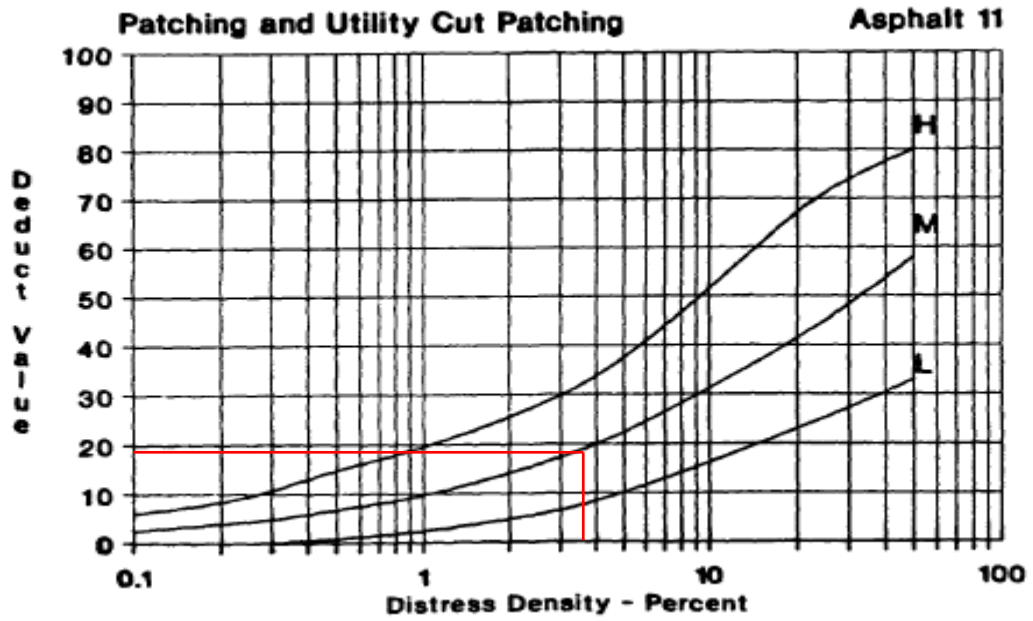
Sta 6+600 – 6+700







Sta 6+700 – 6+800



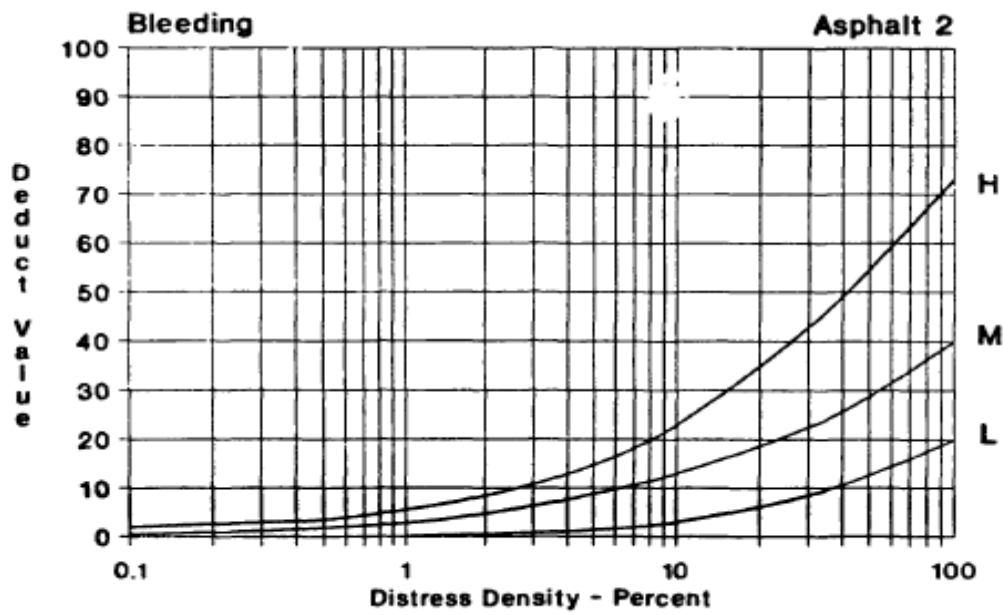
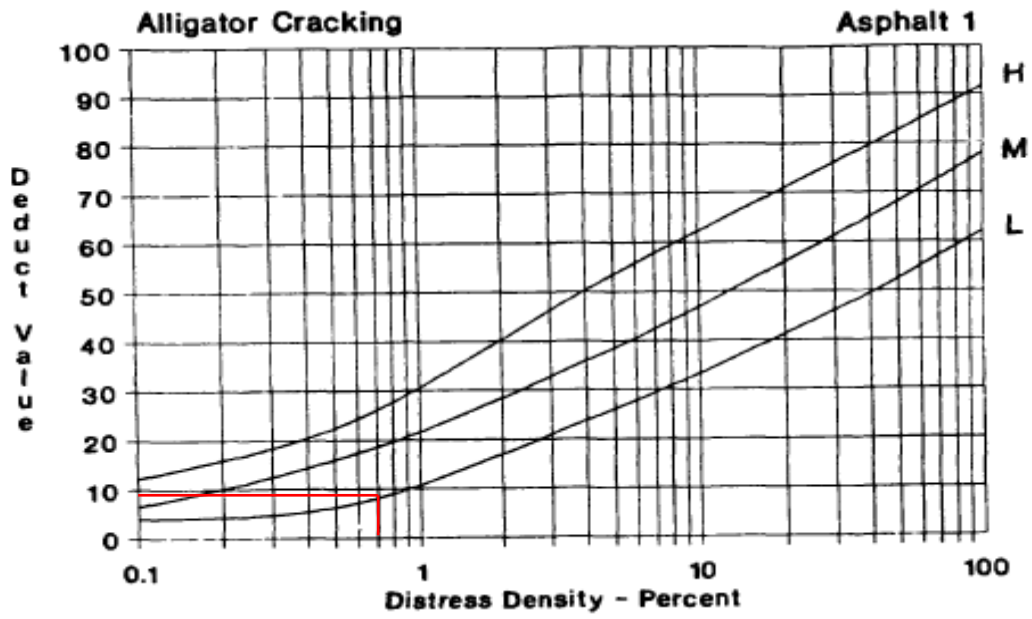
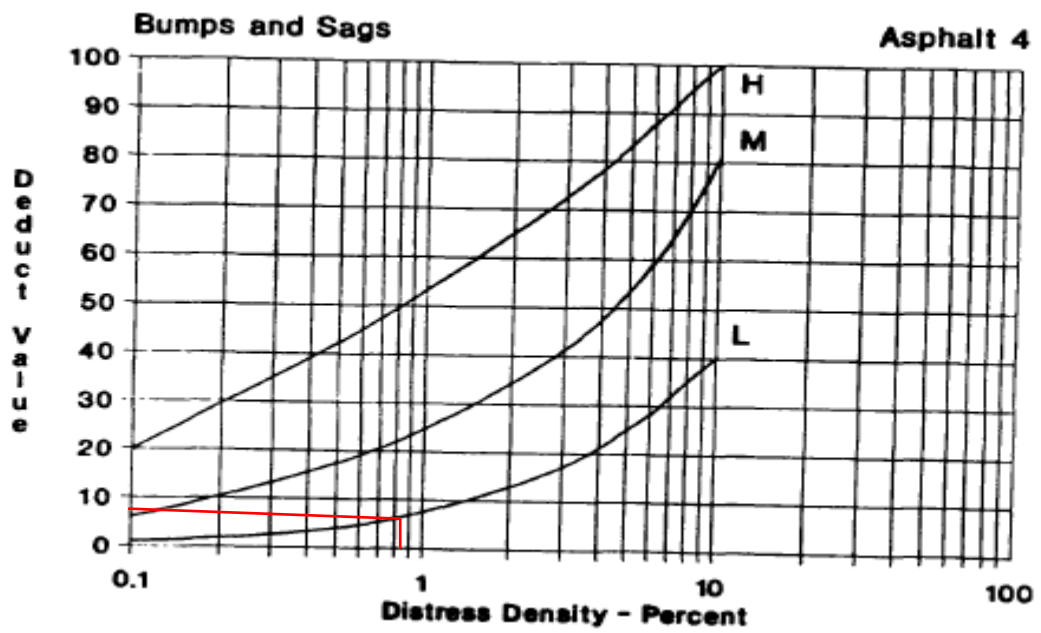
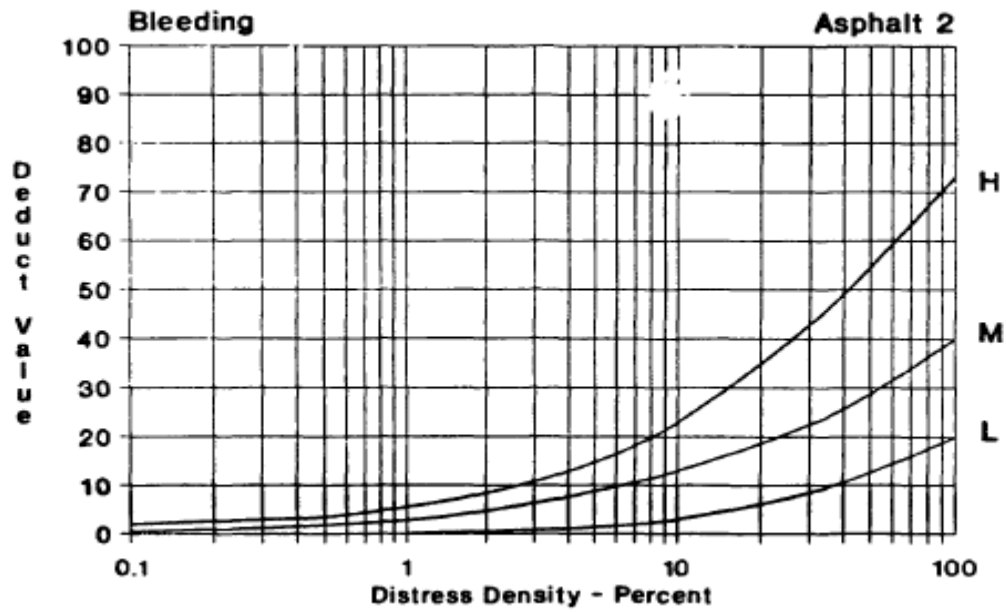
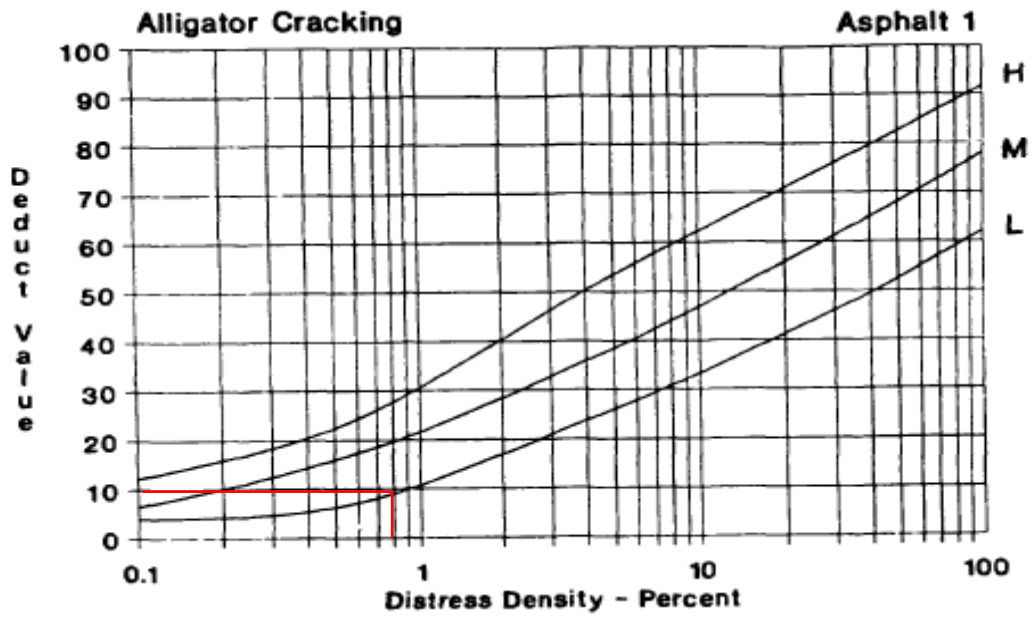
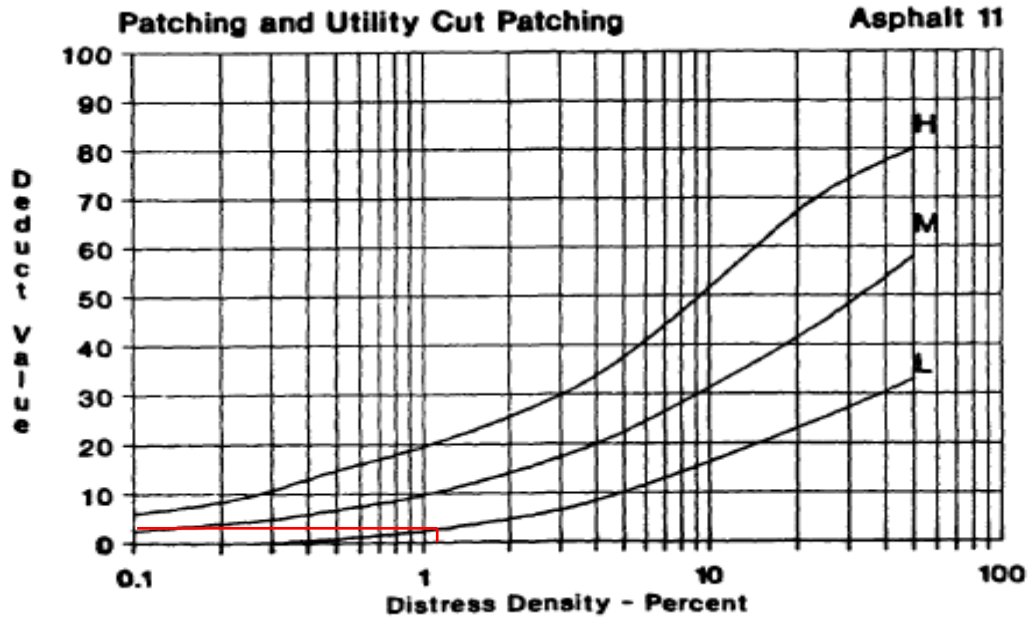


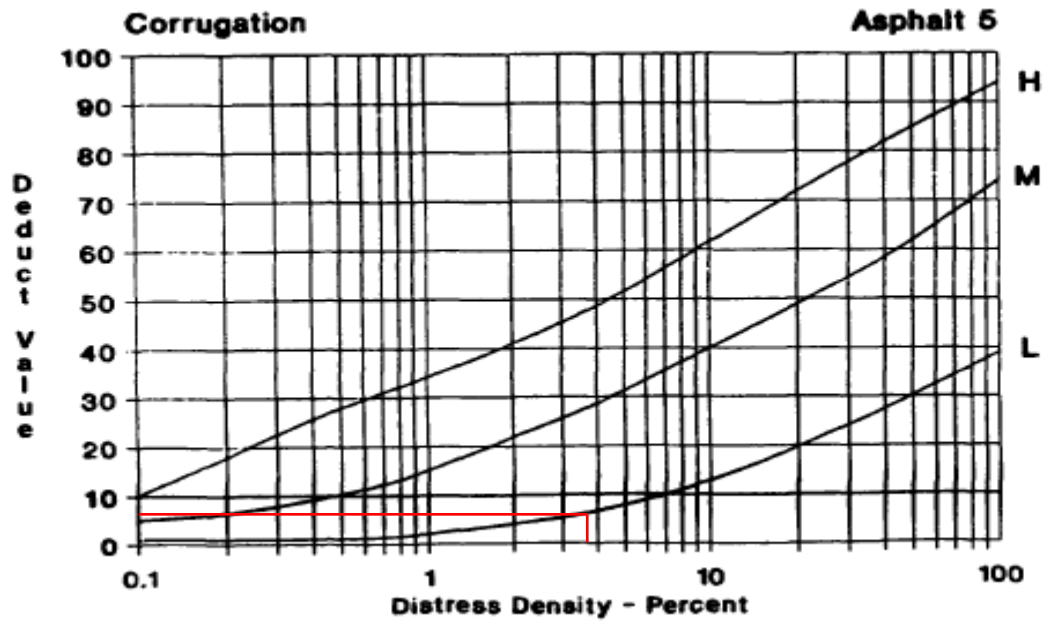
Figure B2. Bleeding.

Sta 6+800 – 6+900

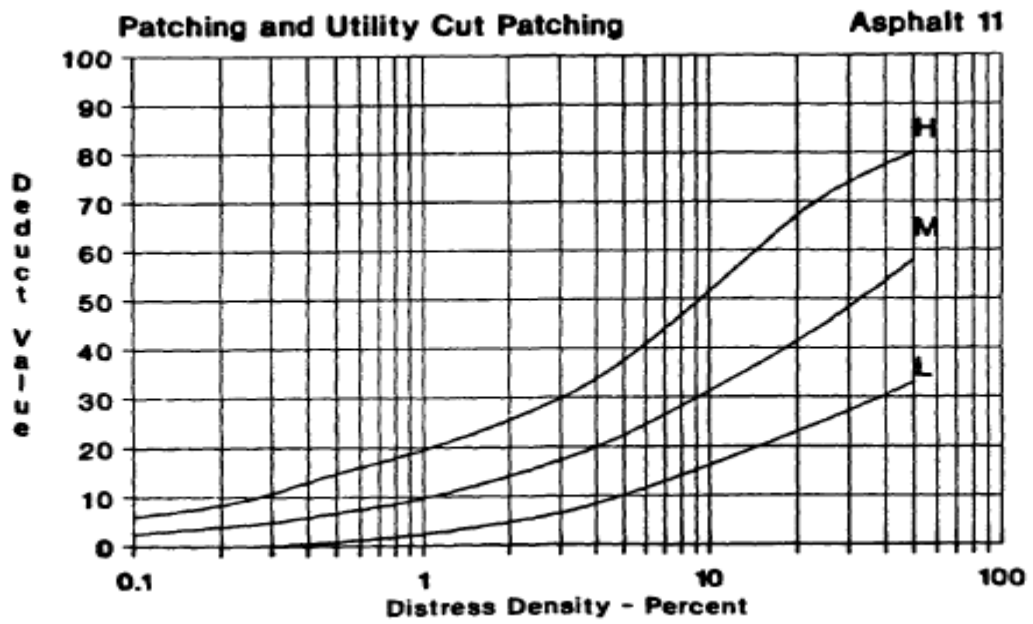


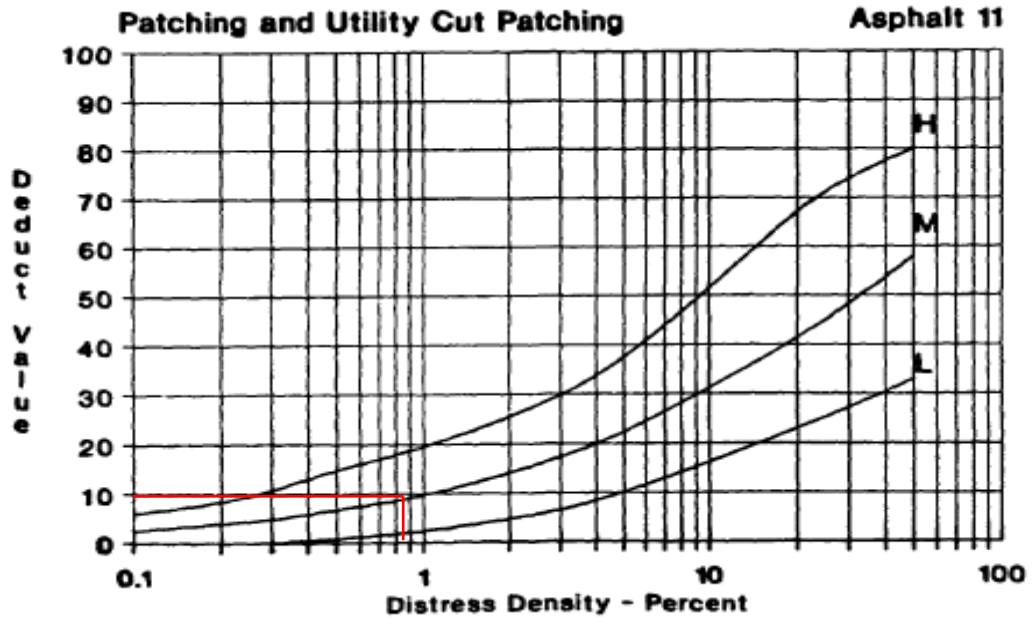


Sta 6+900 – 7+000

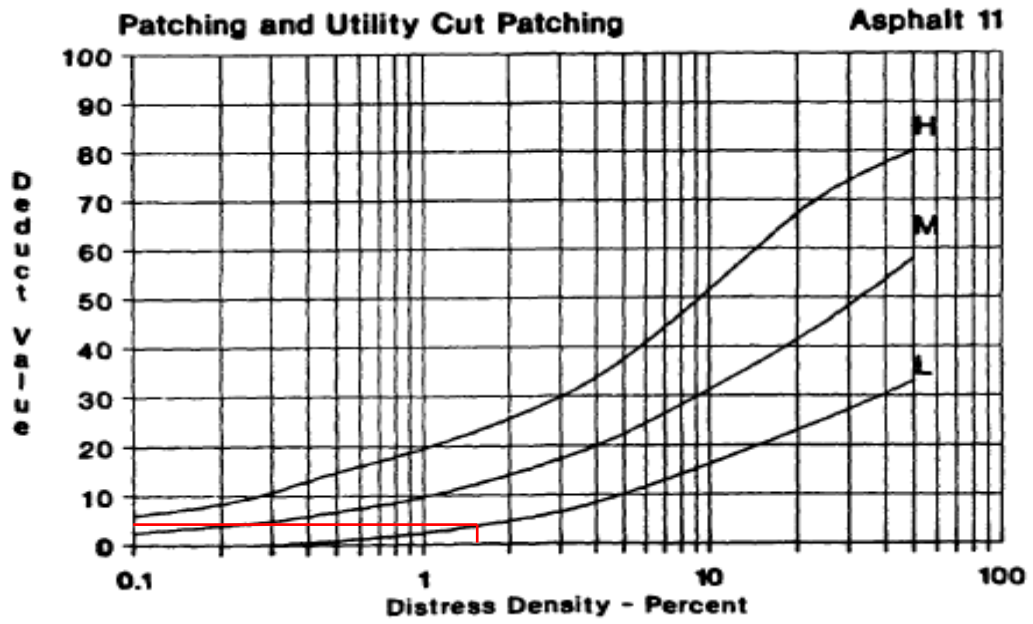


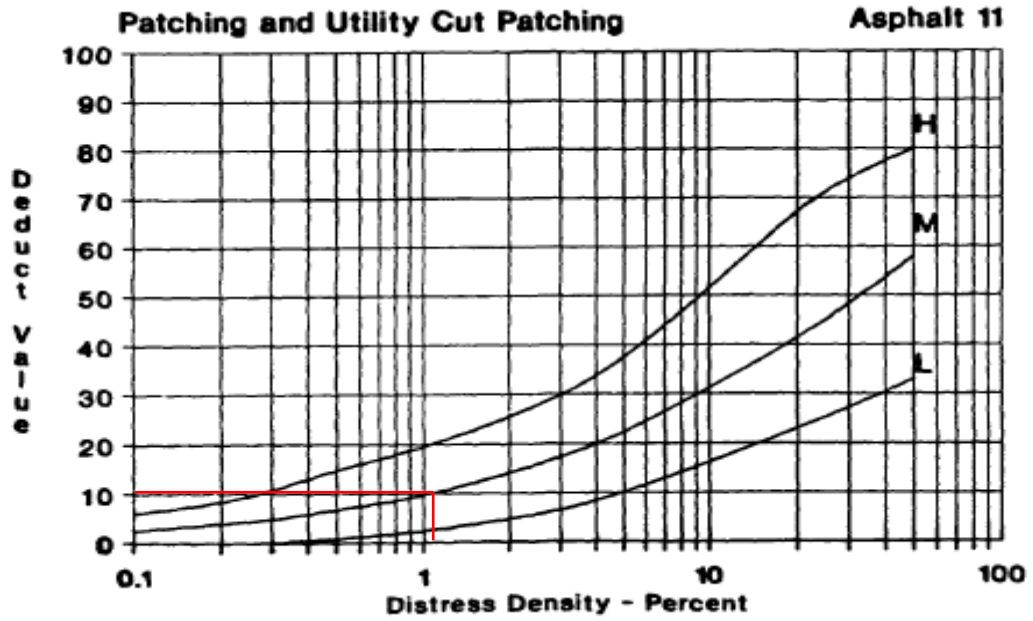
Sta 7+000 – 7+100



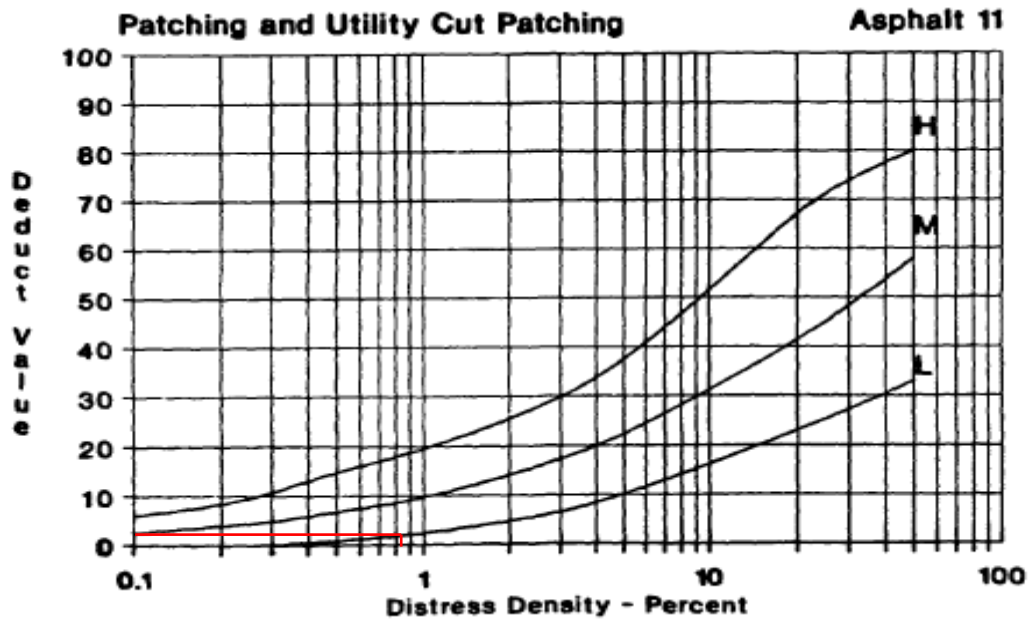


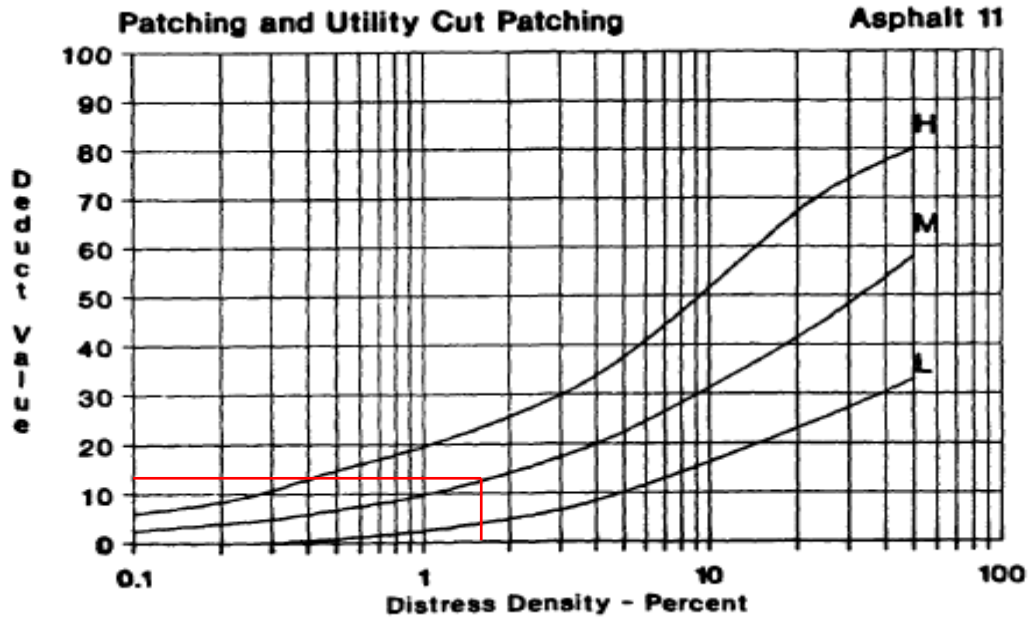
Sta 7+100 – 7+200



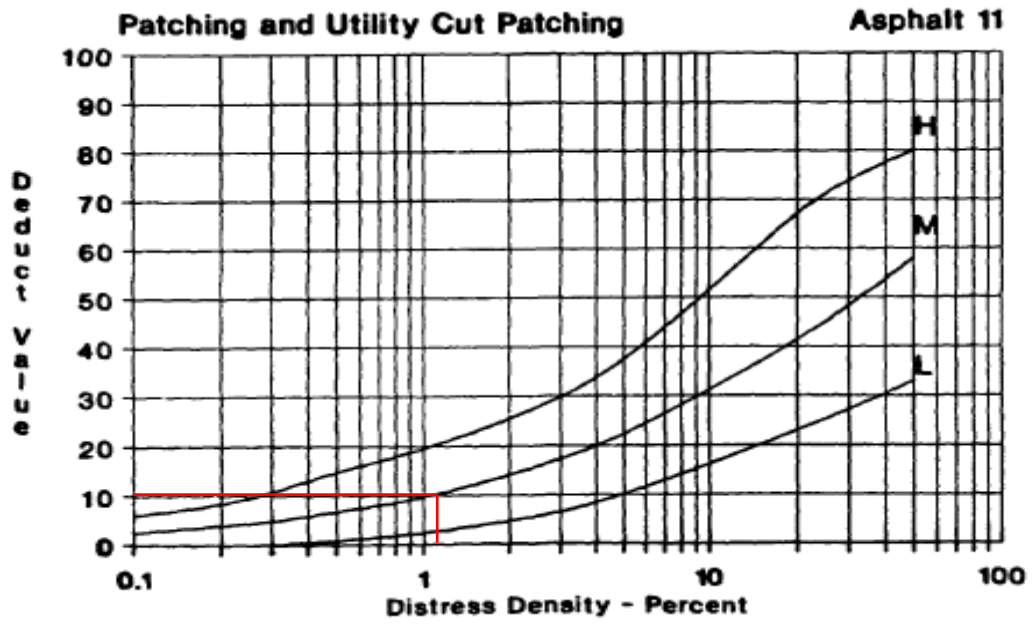


Sta 7+200 – 7+300



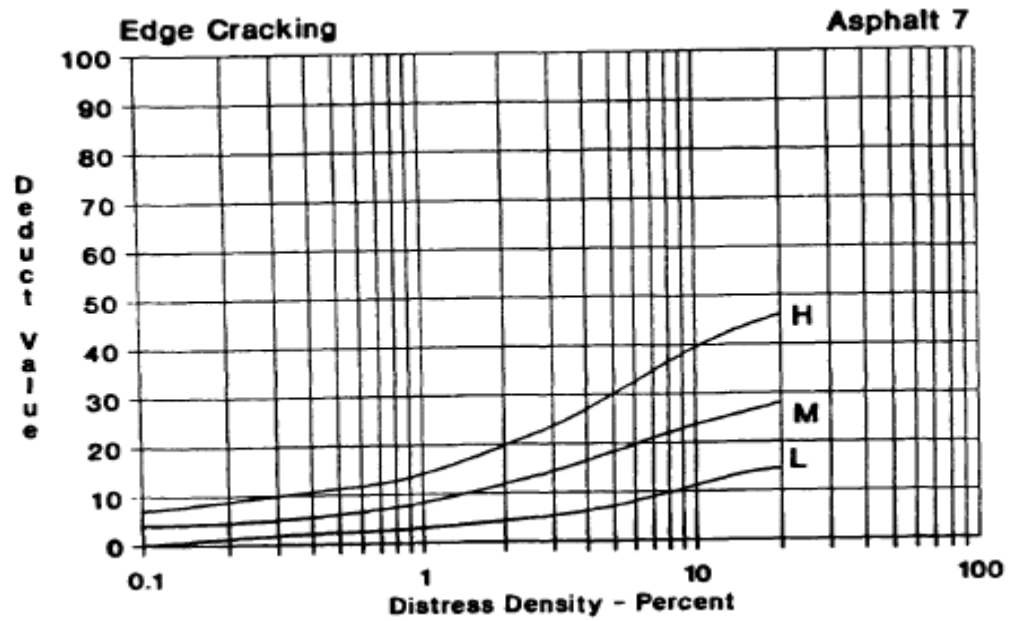
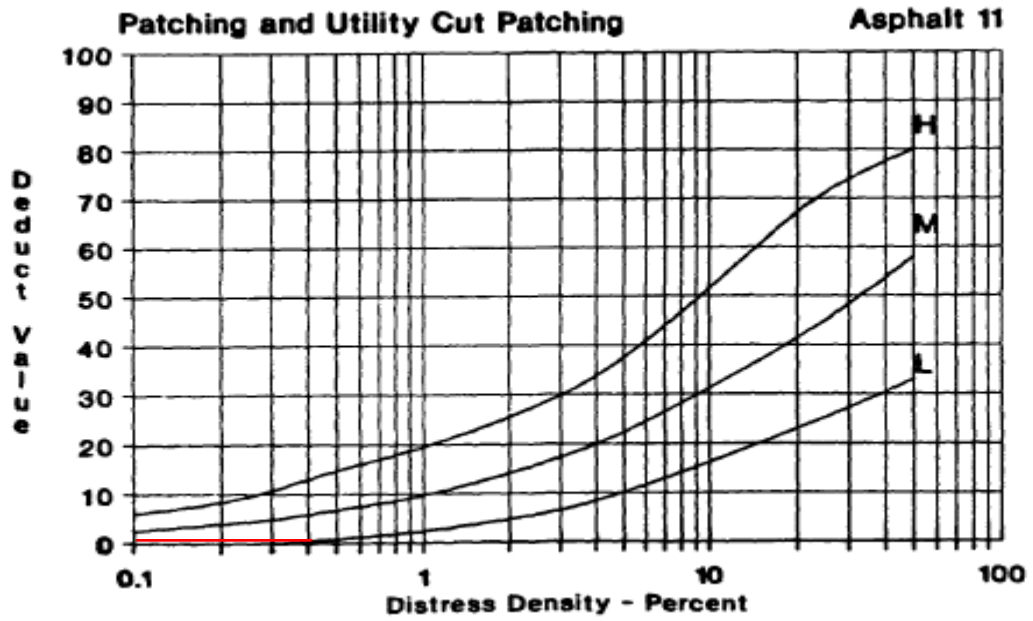


Sta 7+300 – 7+400





Sta 7+400 – 7+500



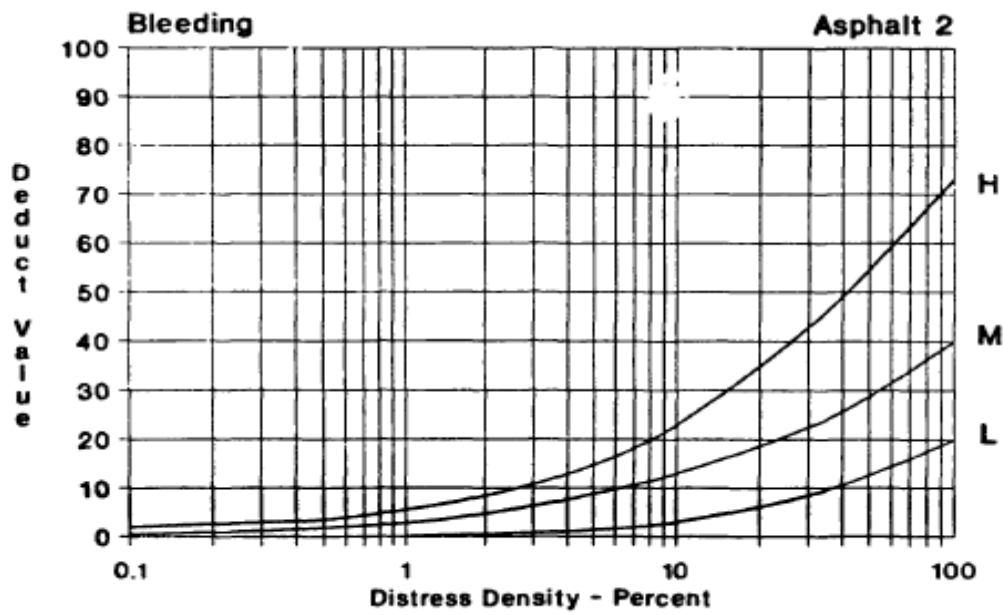
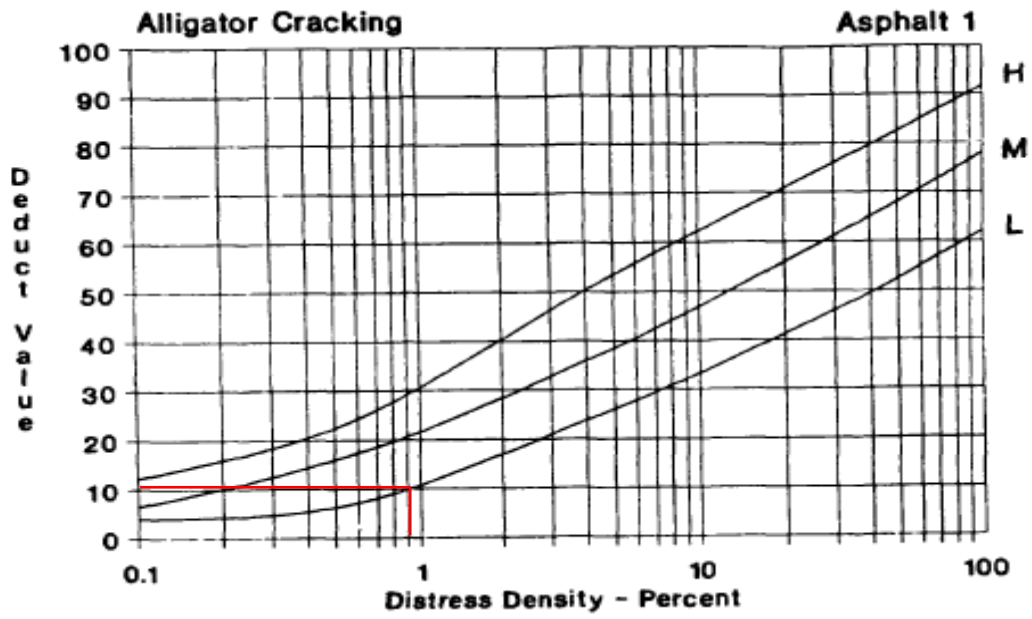
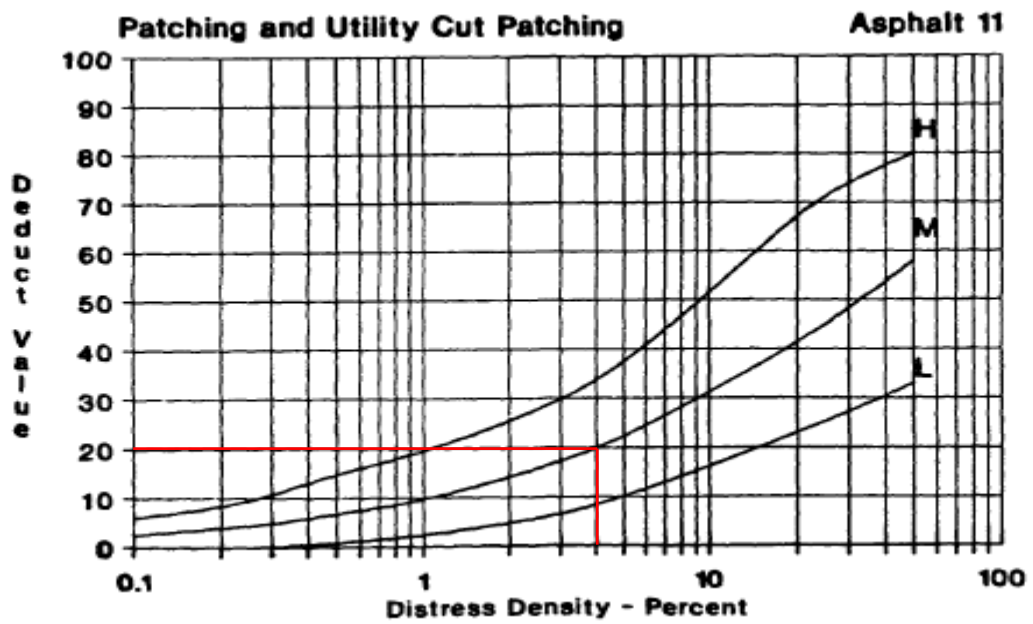
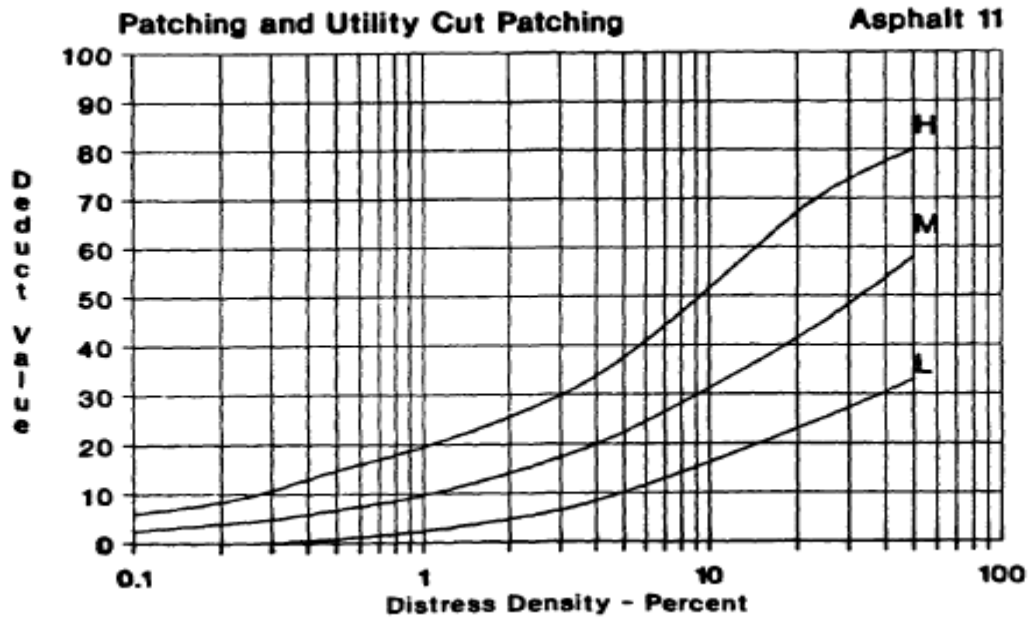
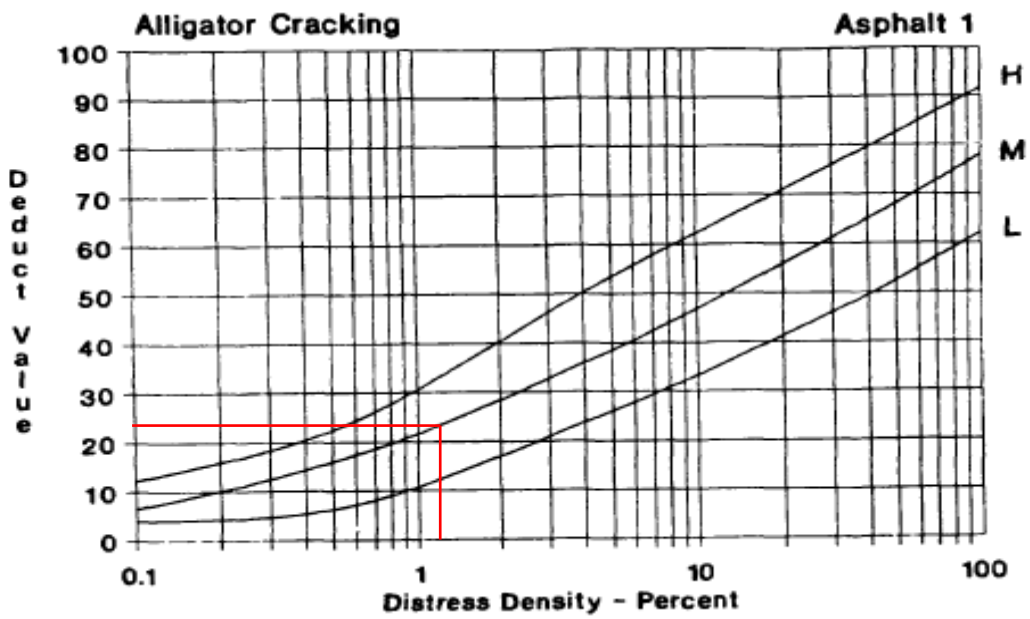
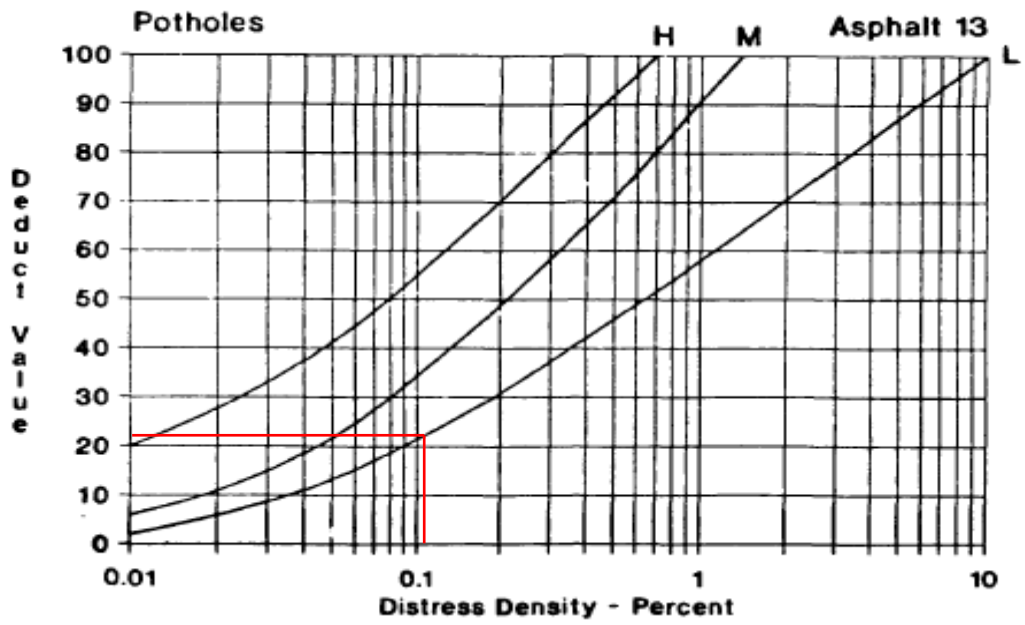


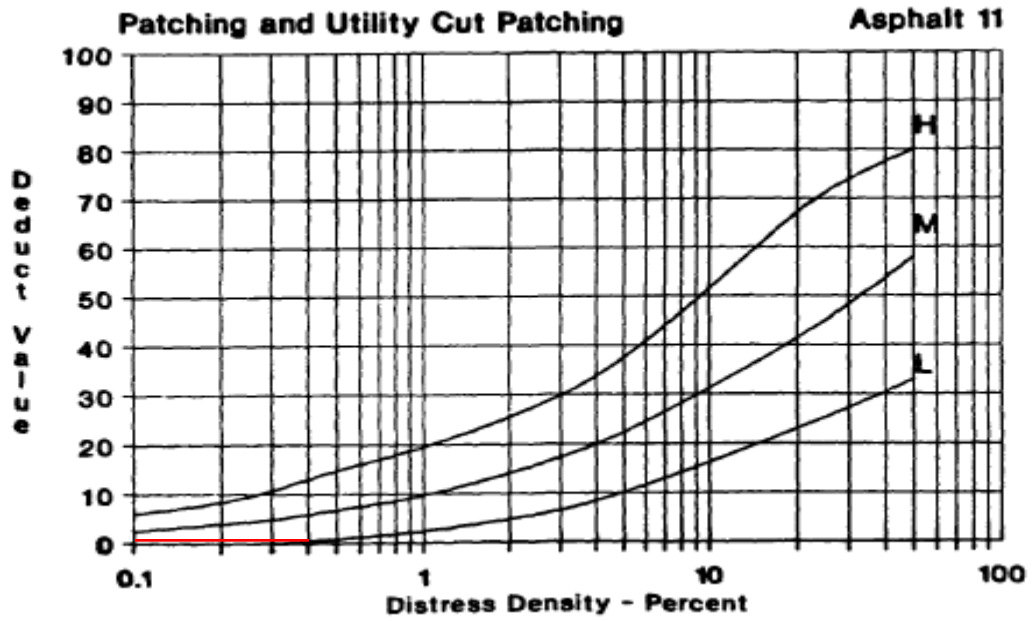
Figure B2. Bleeding.

Sta 7+500 – 7+600

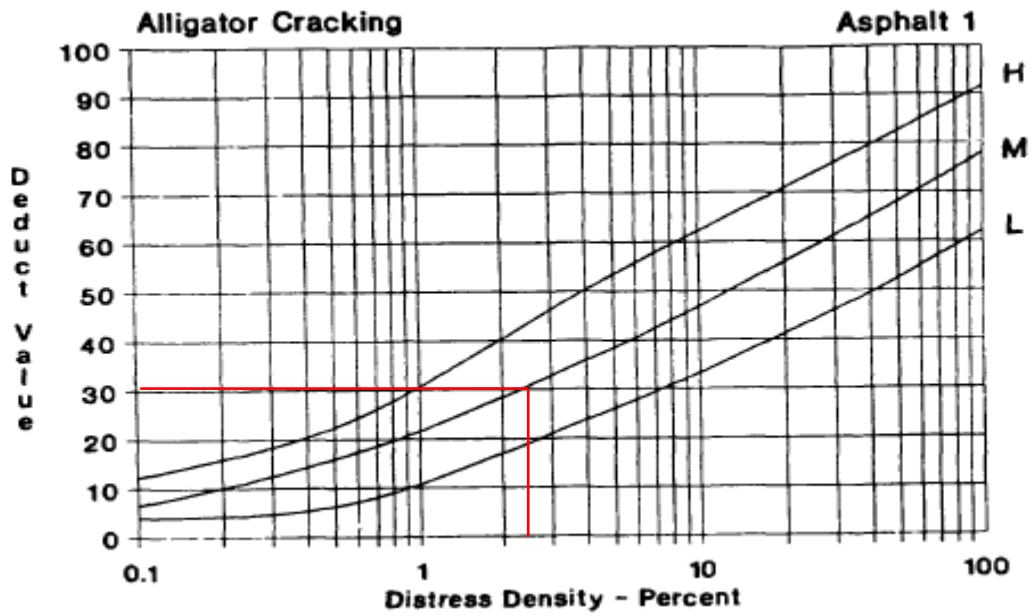


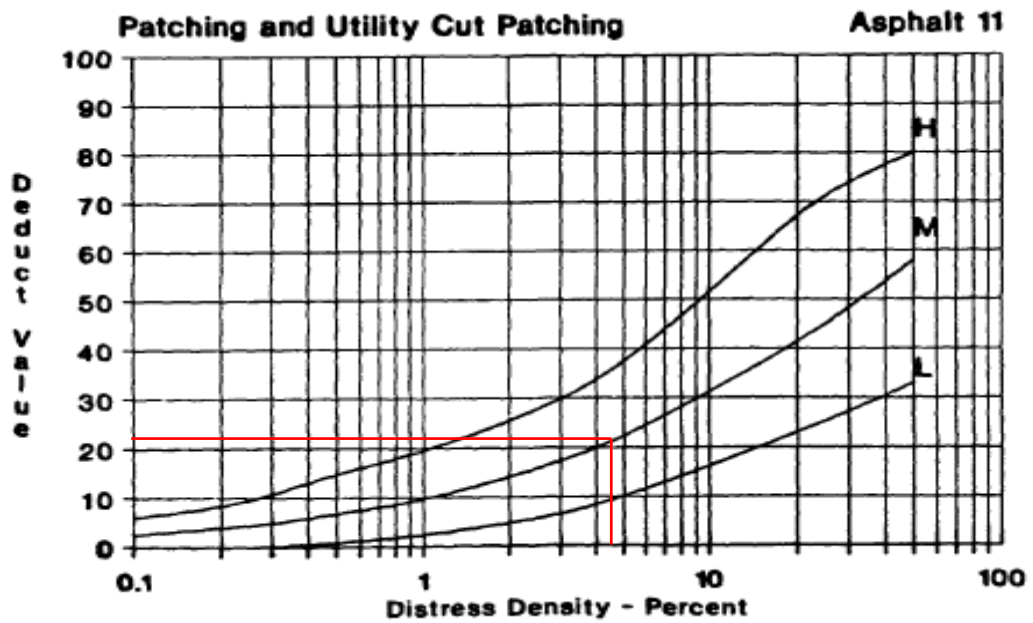
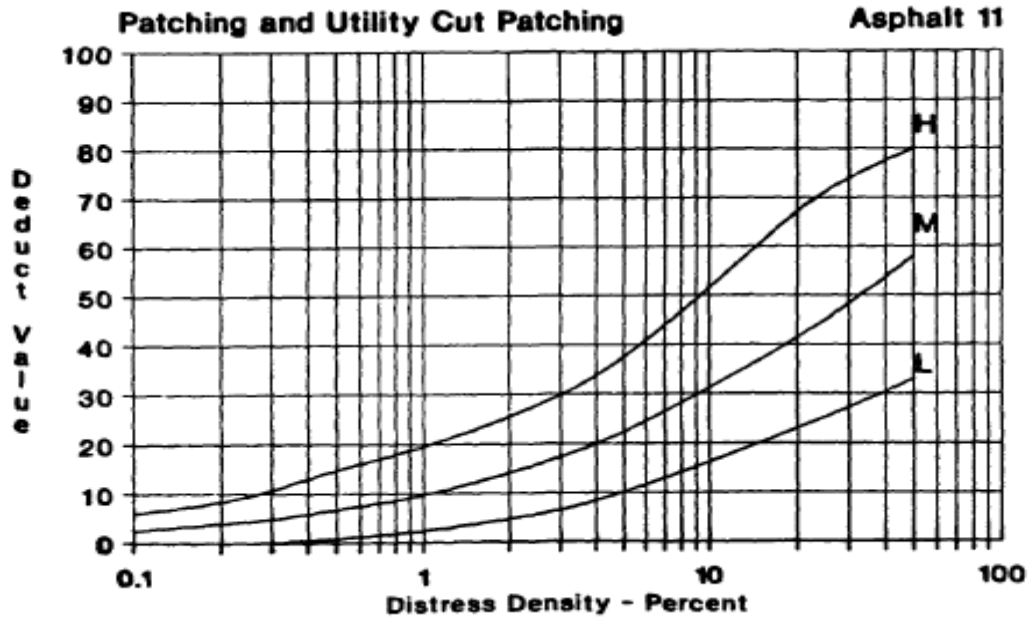


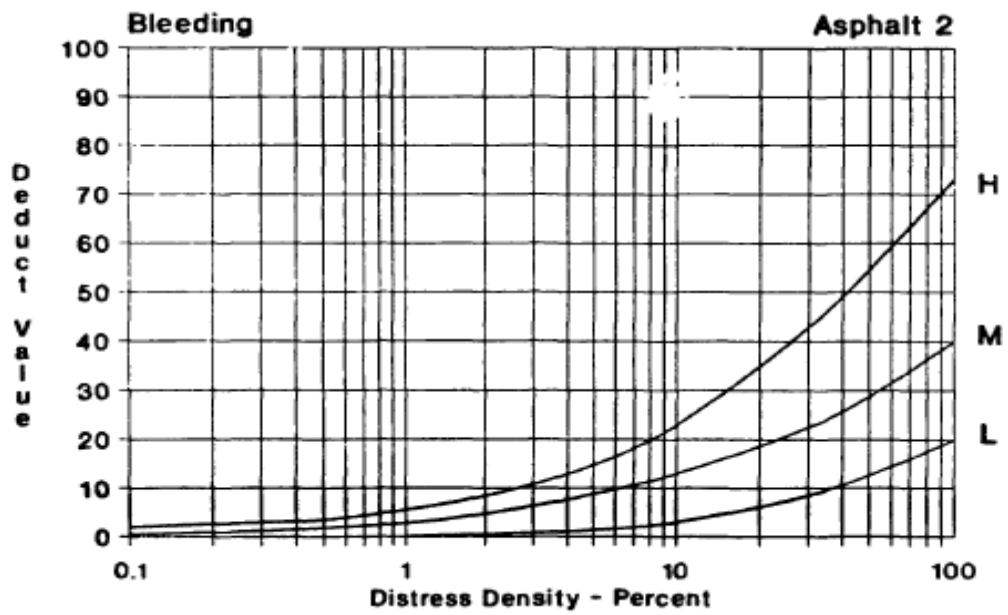
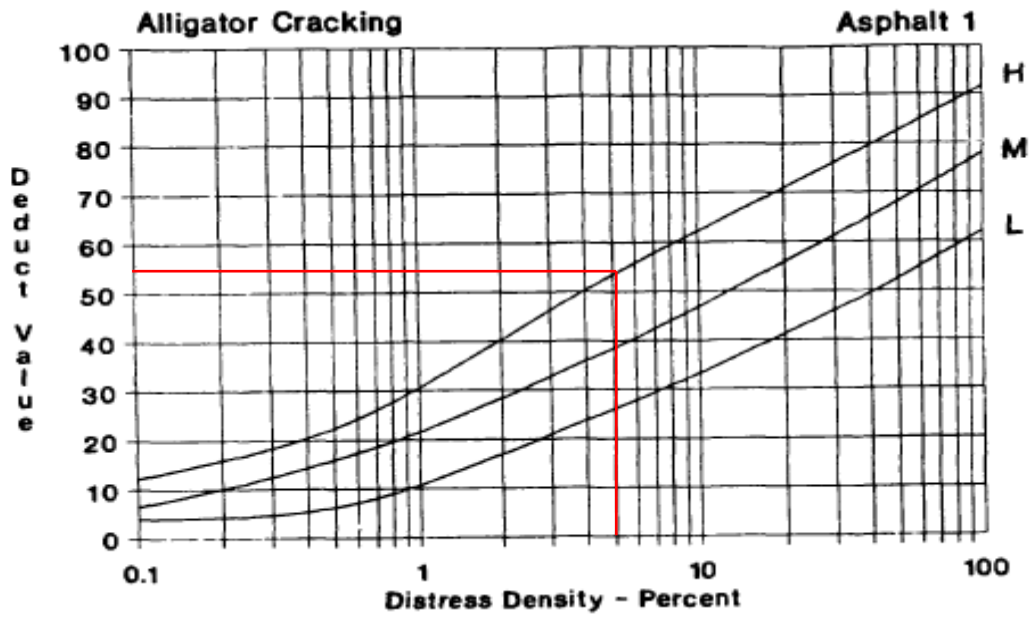
Sta 7+600 – 7+700



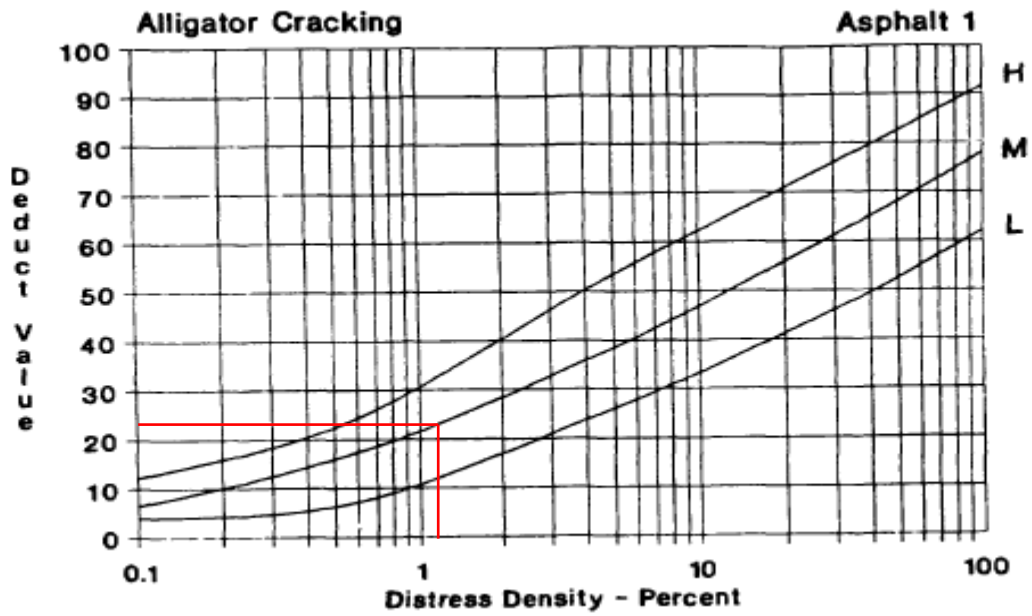
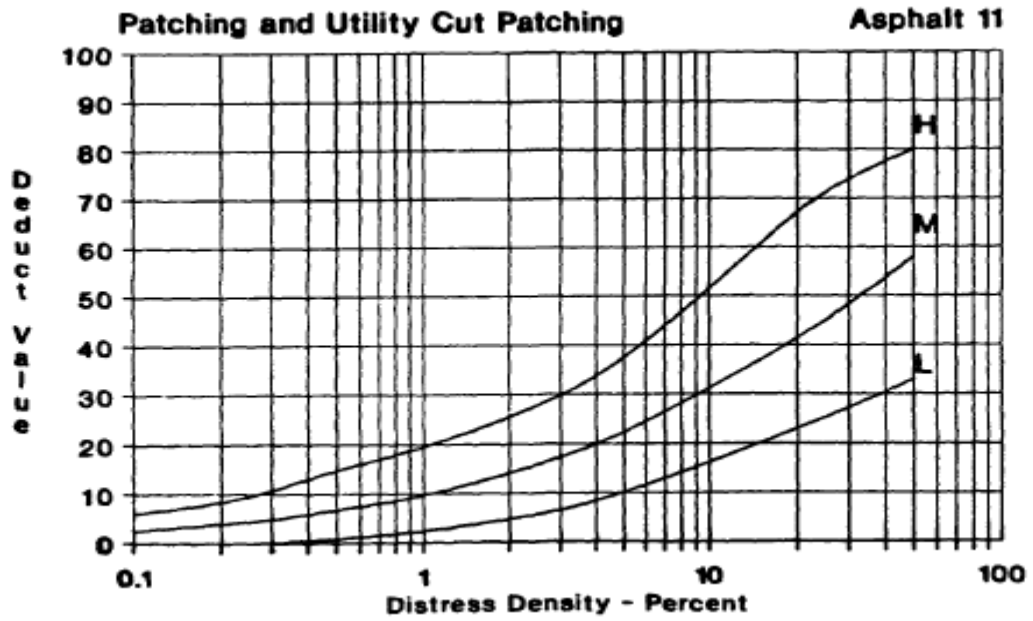
Sta 7+700 – 7+800



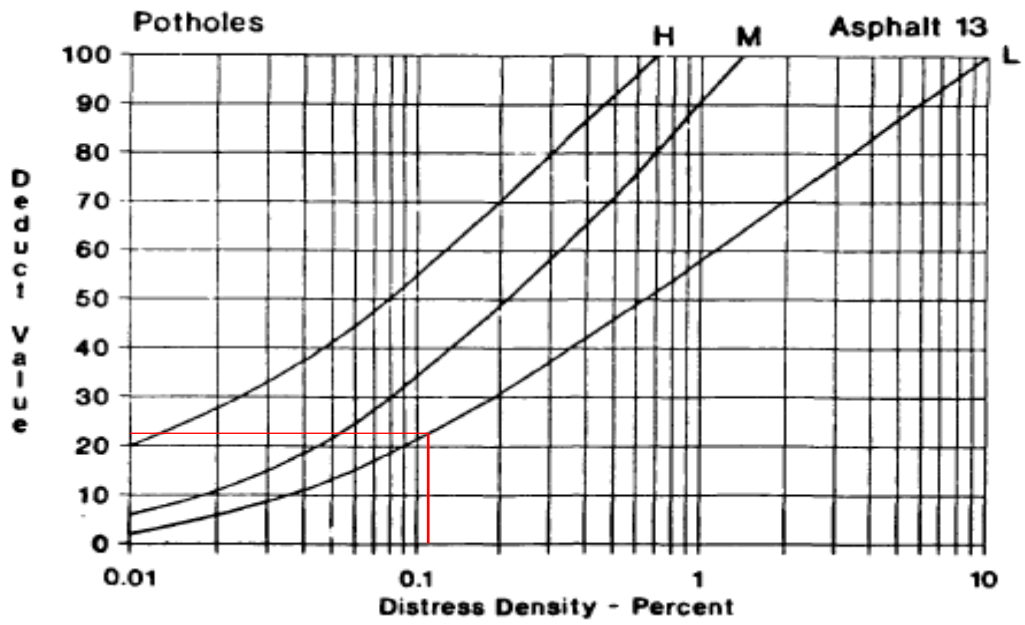




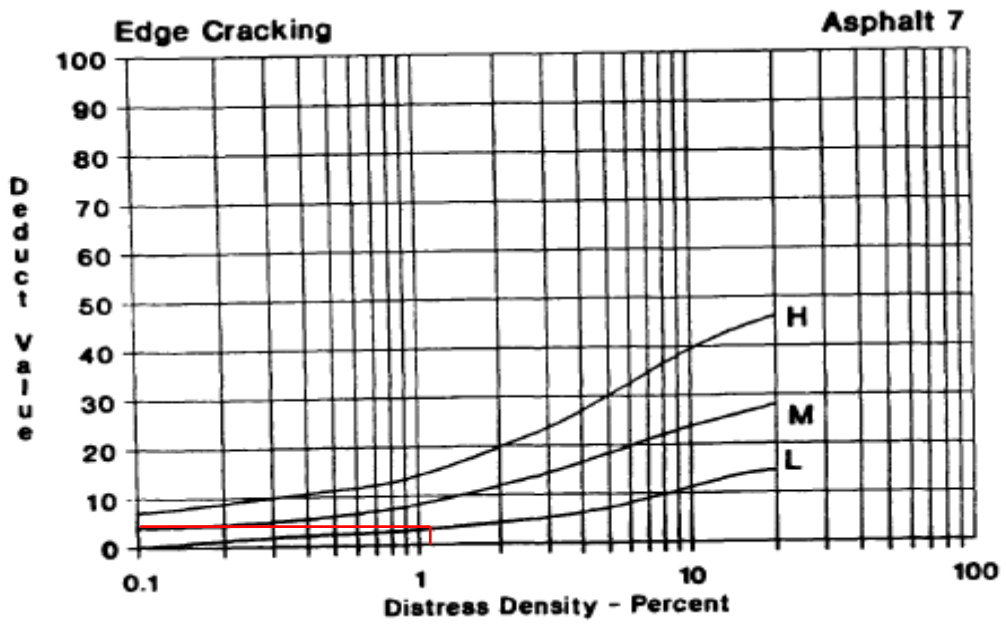
Sta 7+800 – 7+900



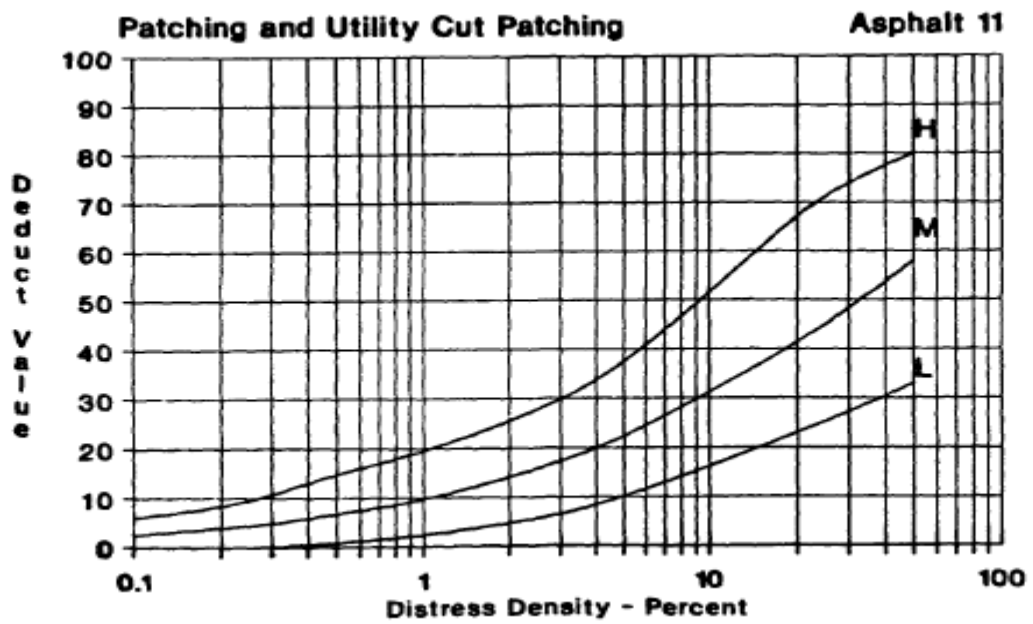
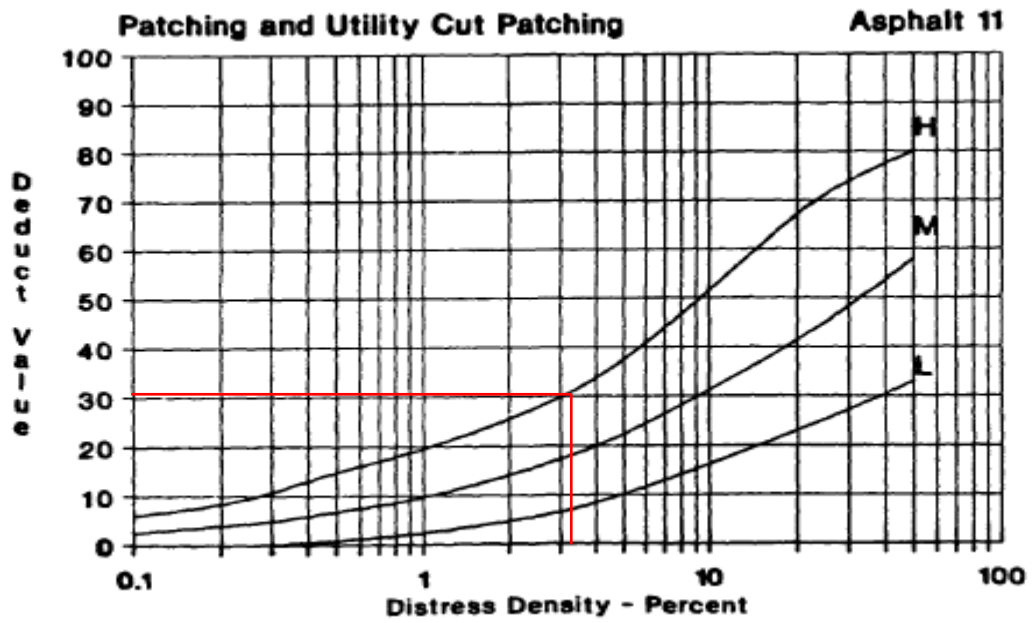




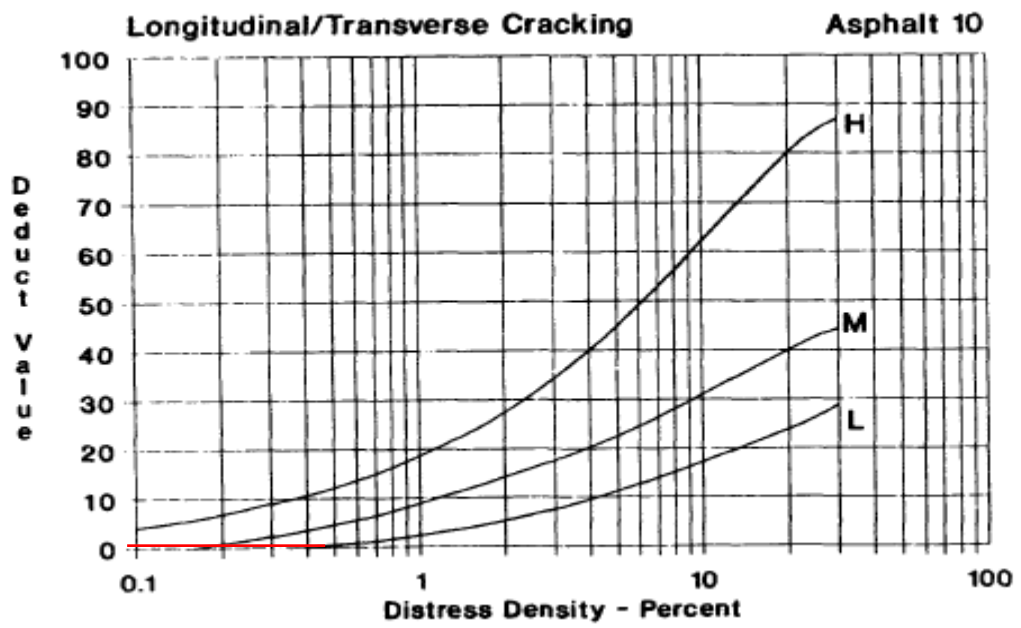
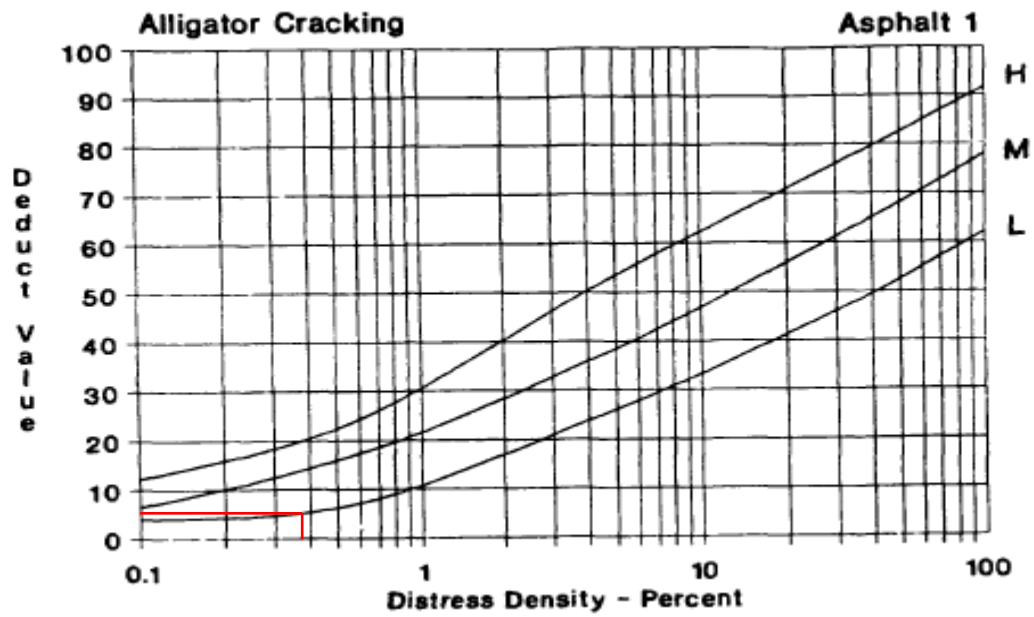
Sta 7+900 – 8+000

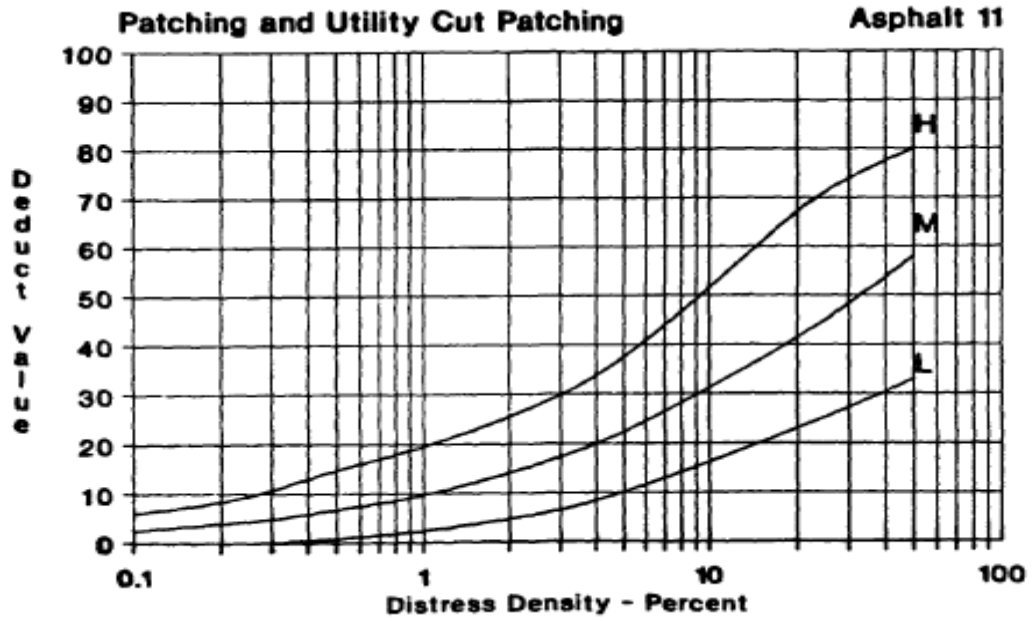


Sta 8+000 – 8+100

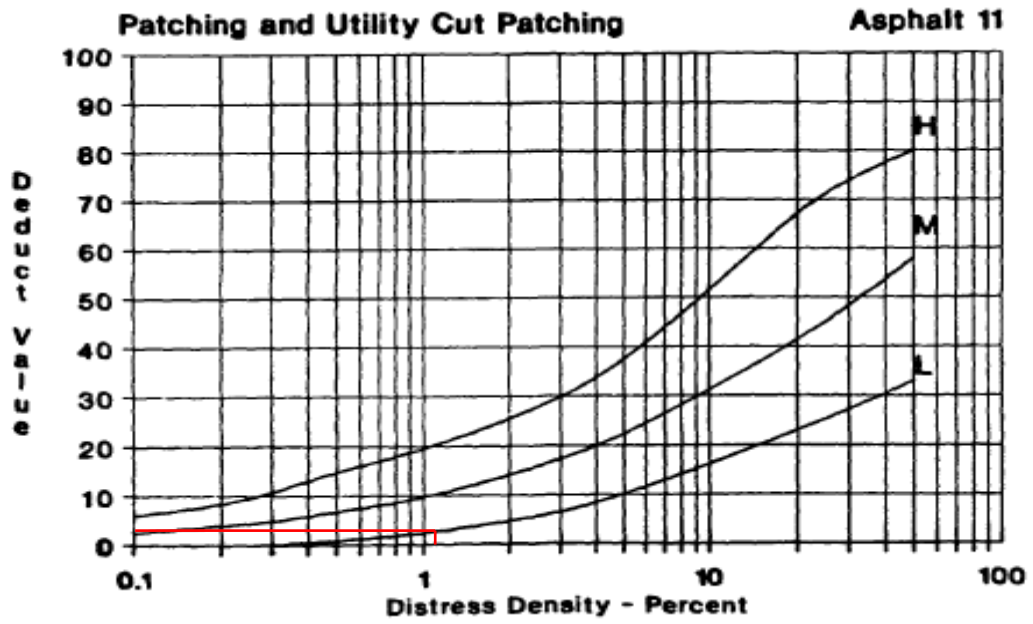


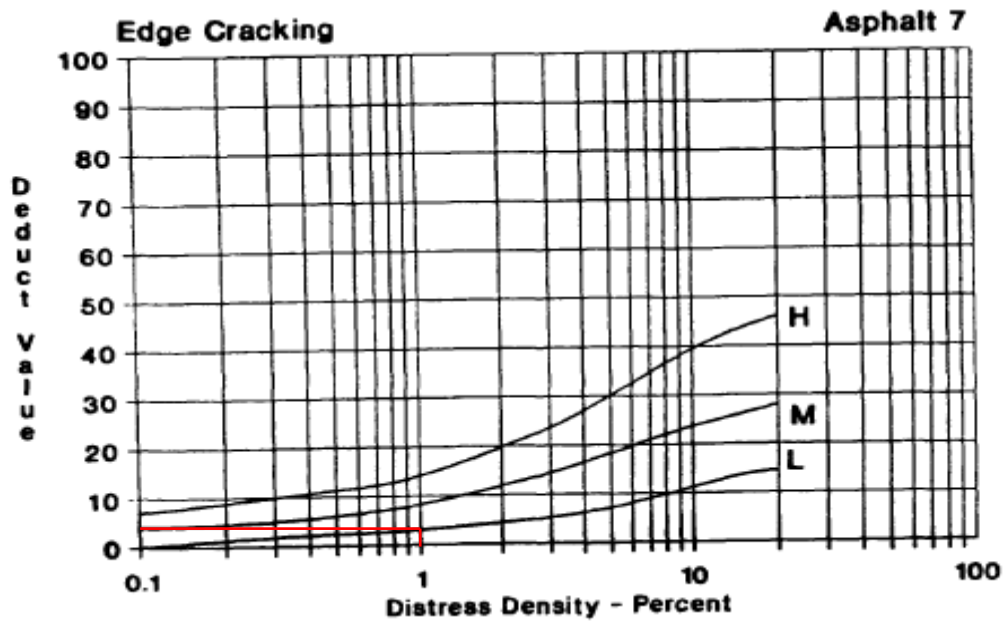
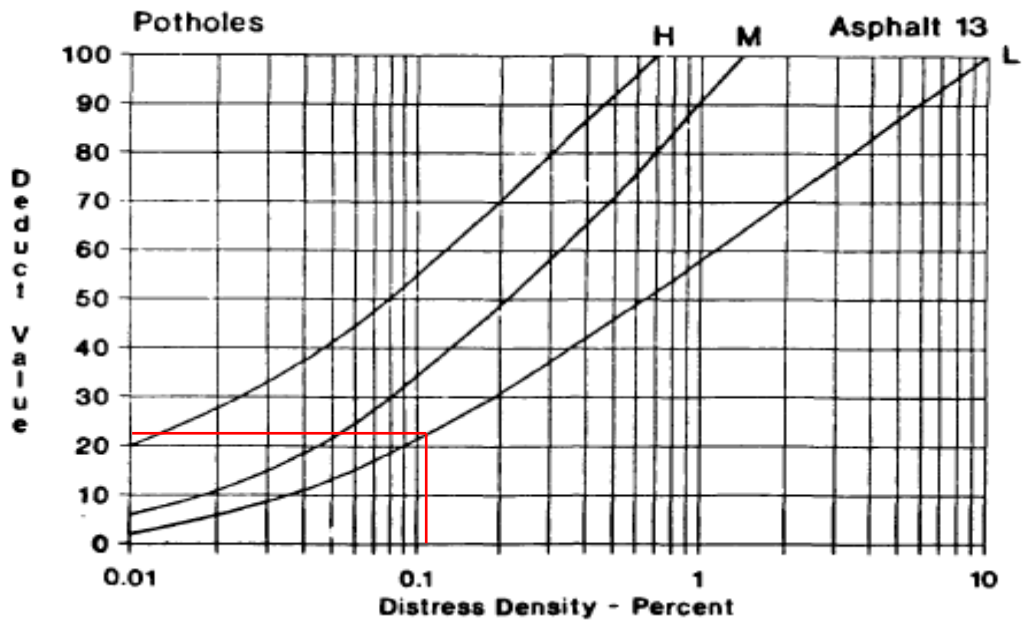
Sta 8+200 – 8+300

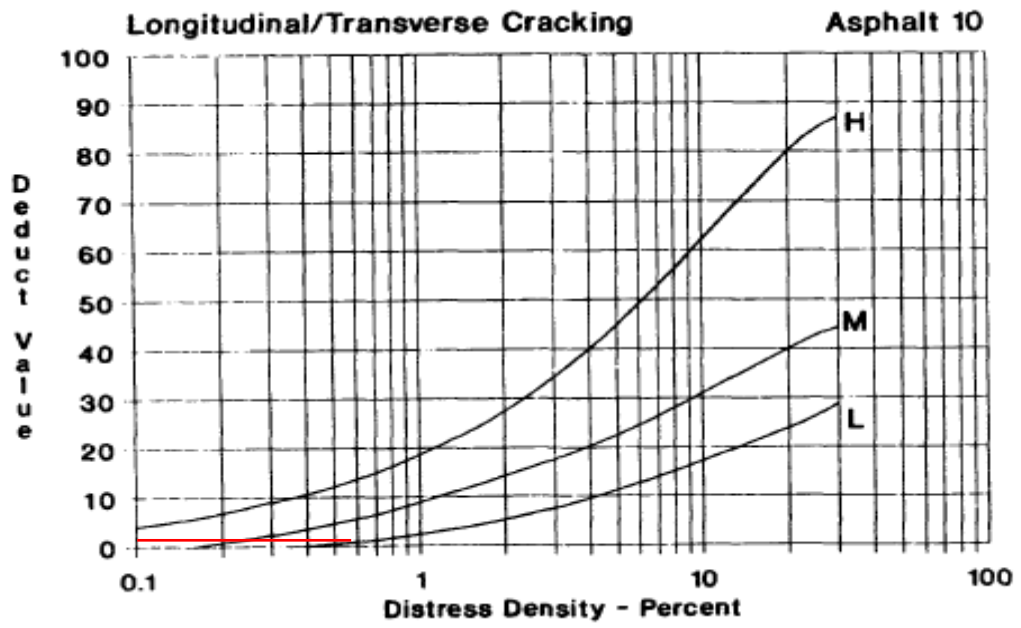




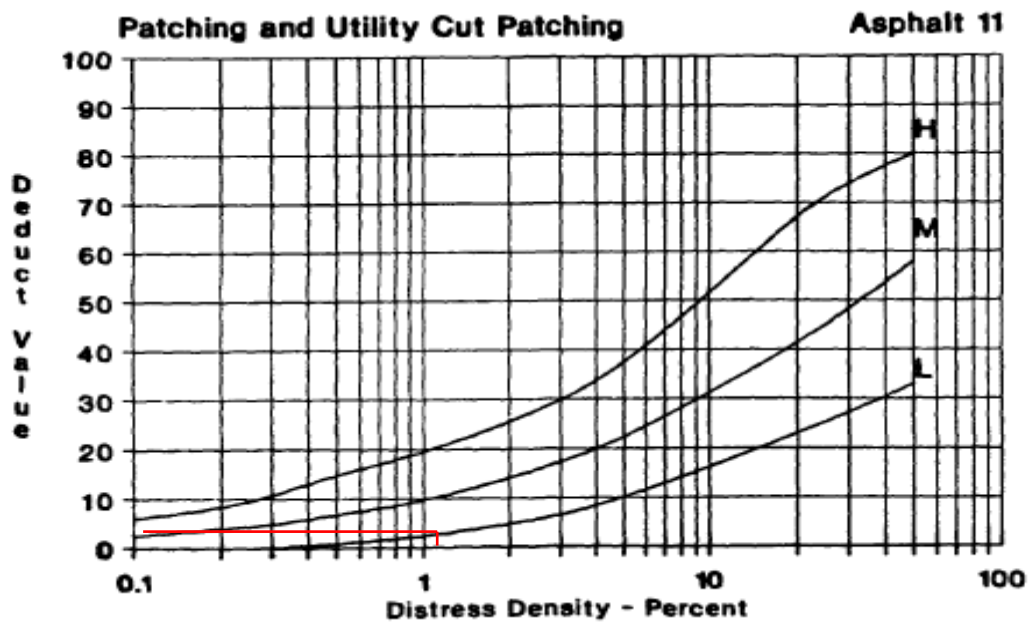
Sta 8+300 – 8+400



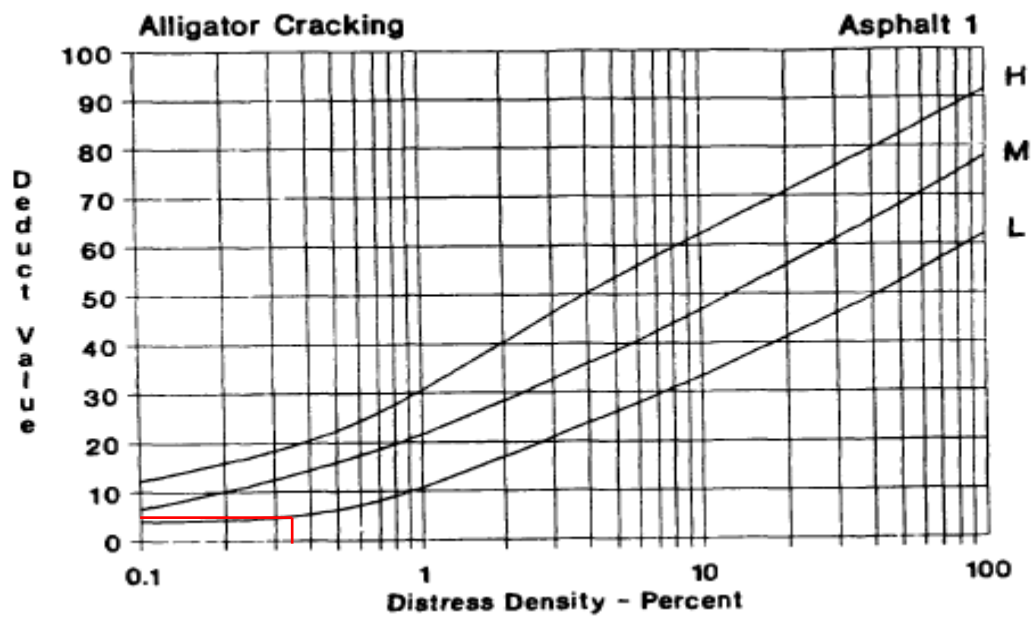
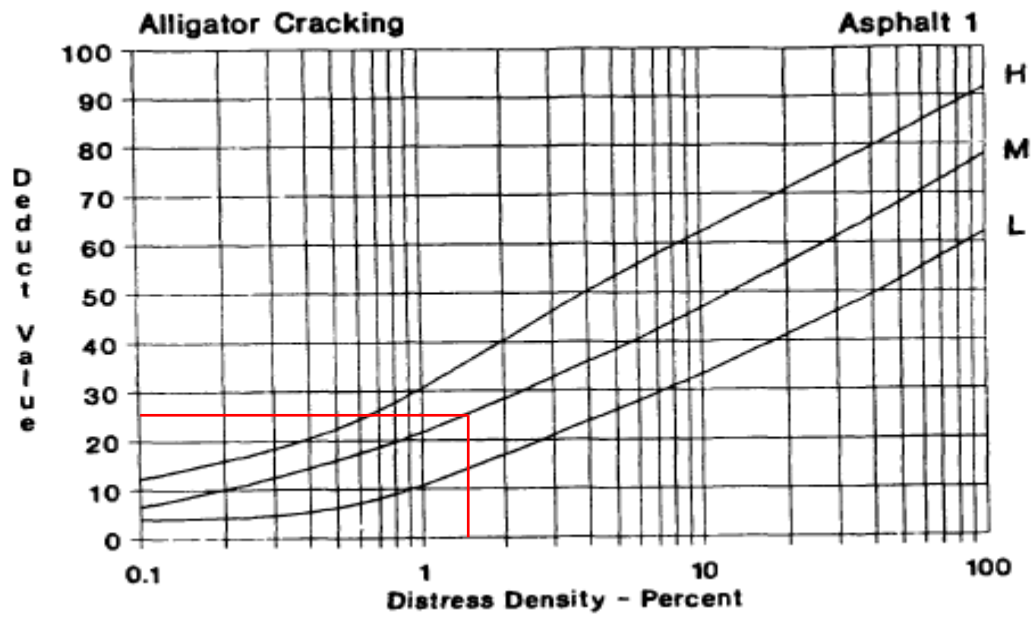




Sta 8+400 – 8+500



Sta 8+500 – 8+600



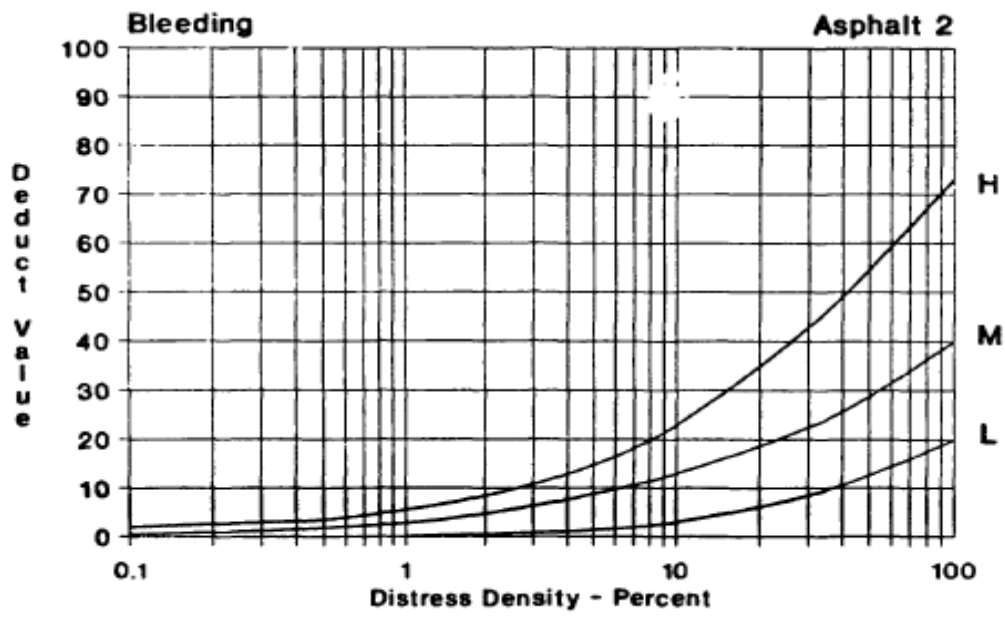
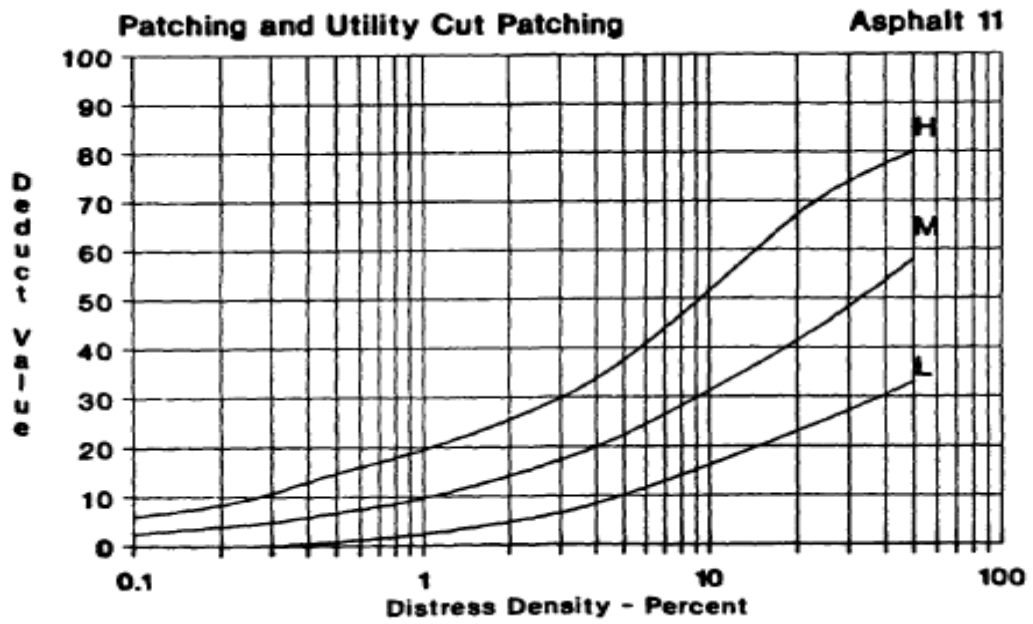


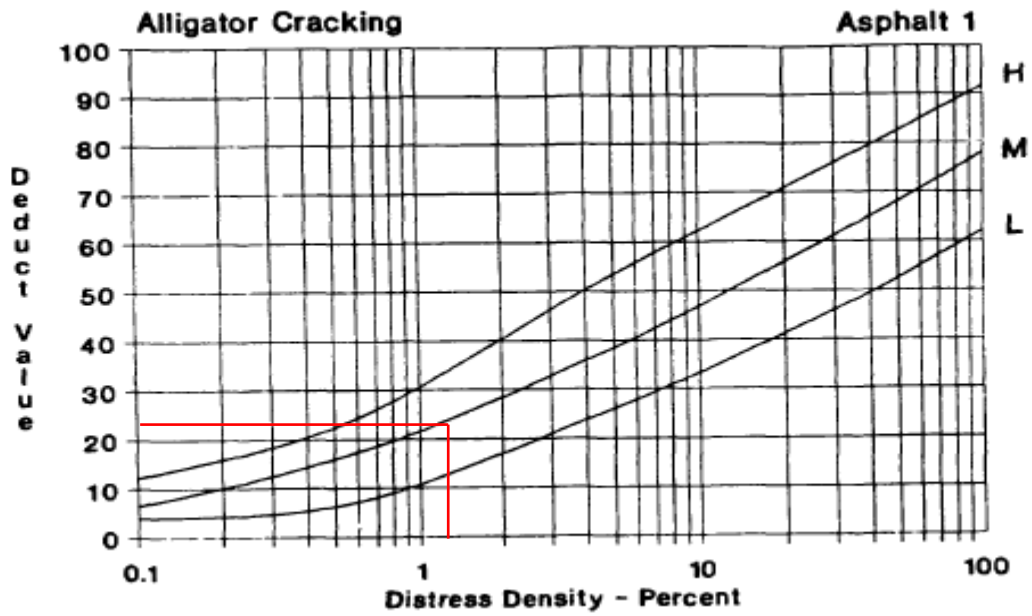
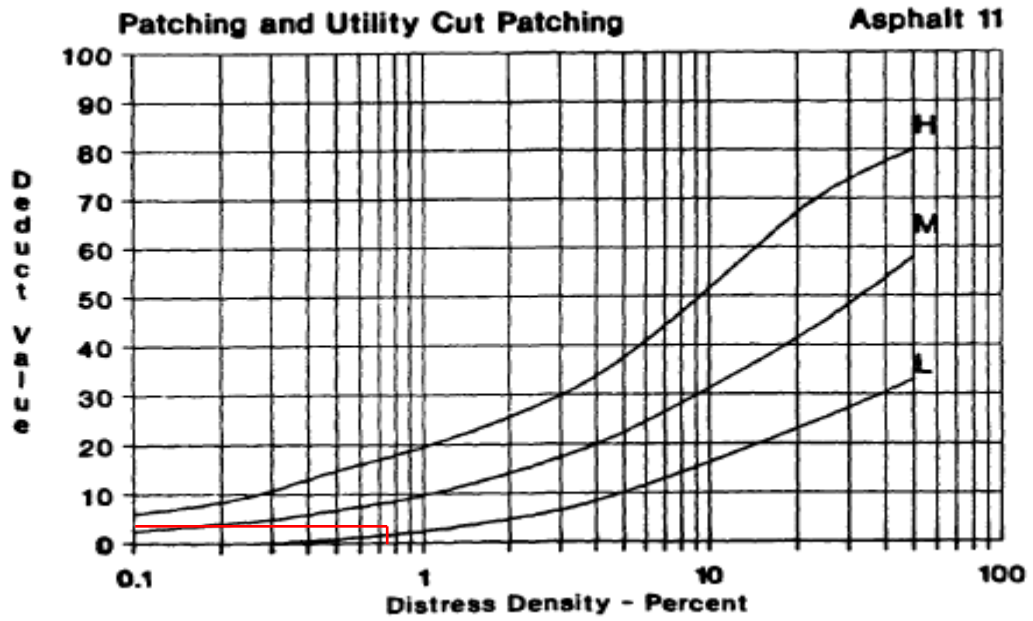
Figure B2. Bleeding.

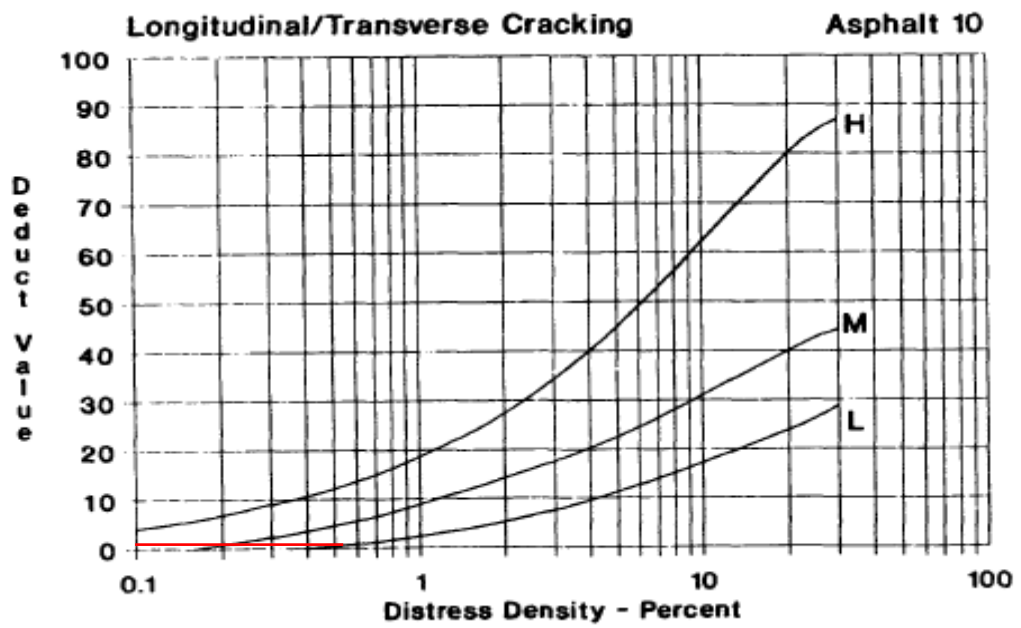
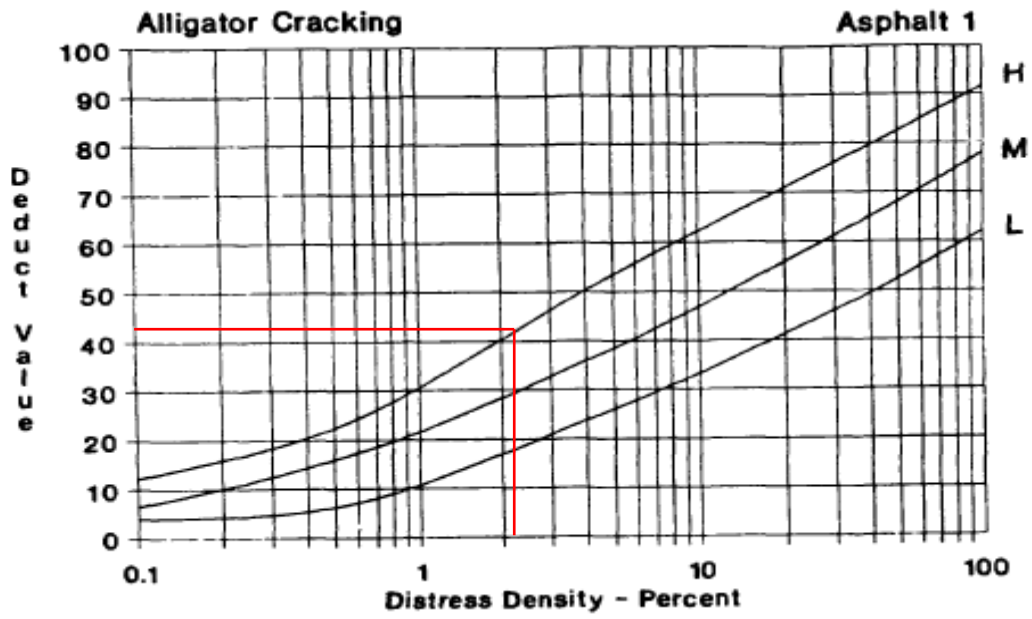
Sta 8+600 – 8+700



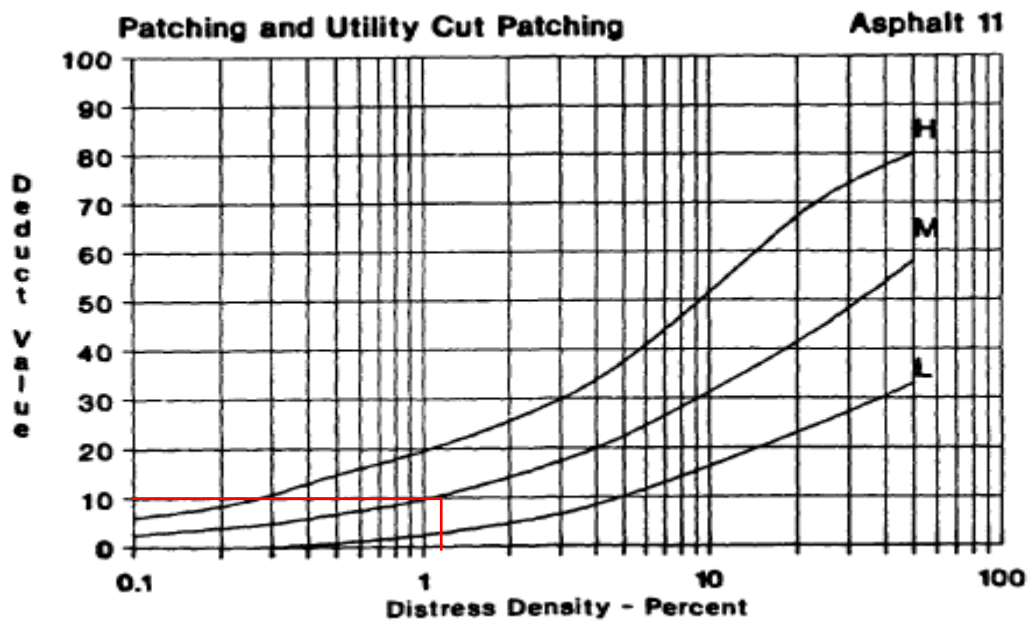
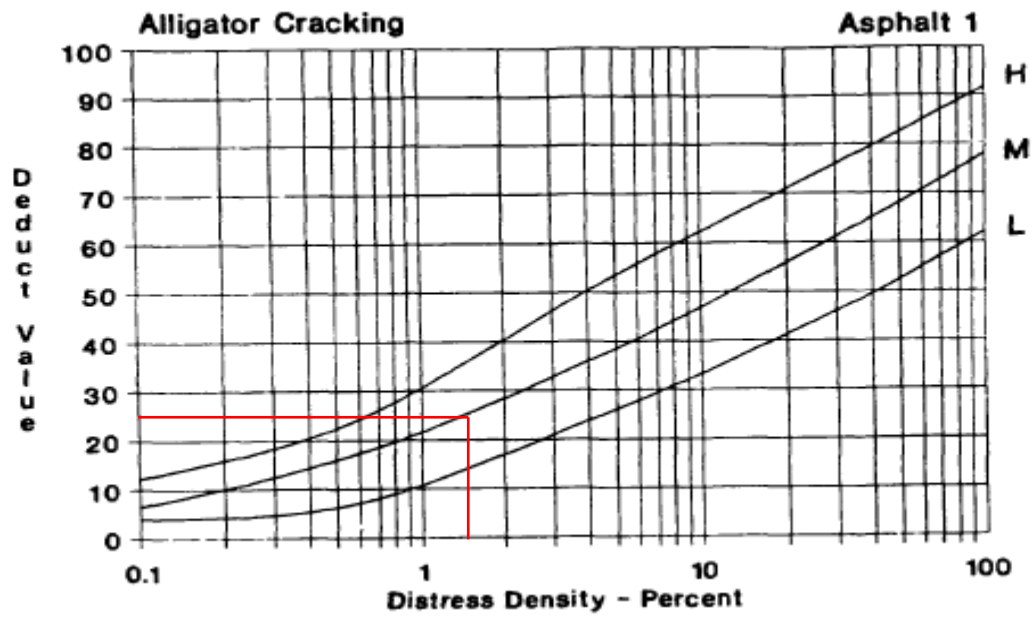


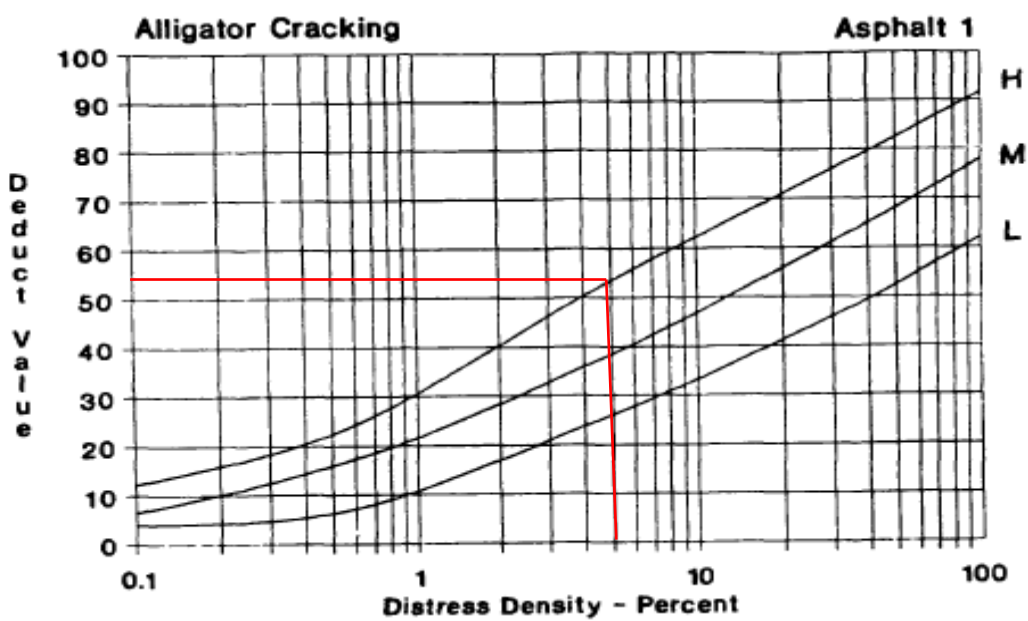
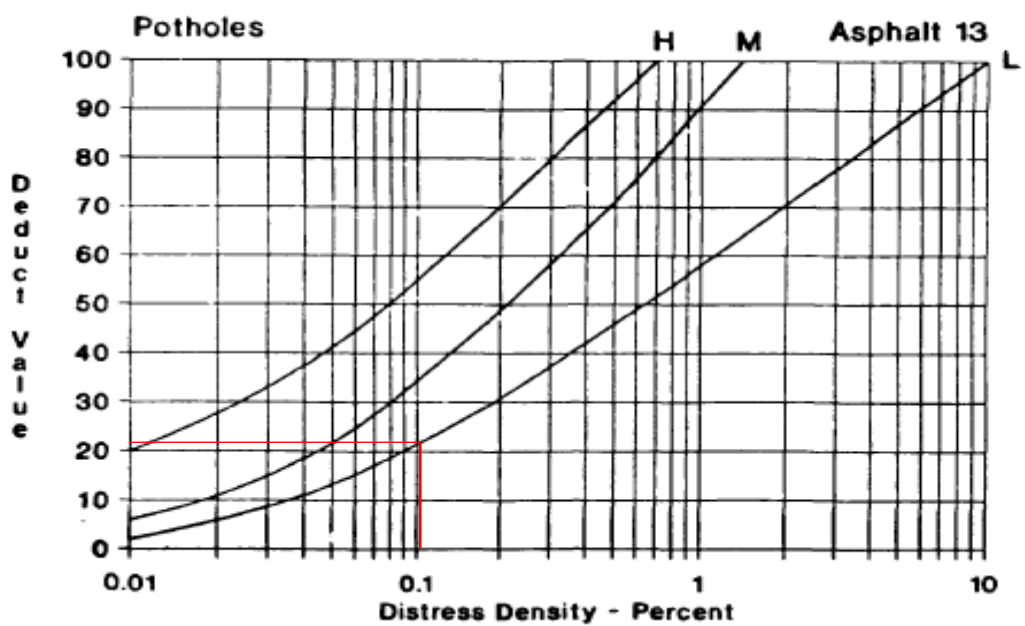
Sta 8+700 – 8+800





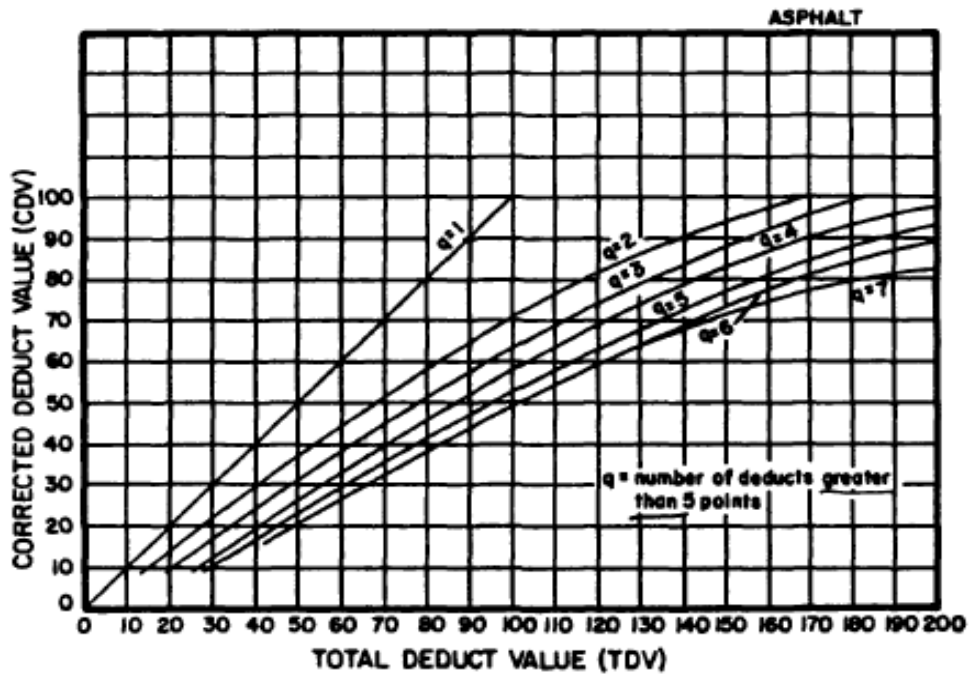
Sta 8+800 – 8+900



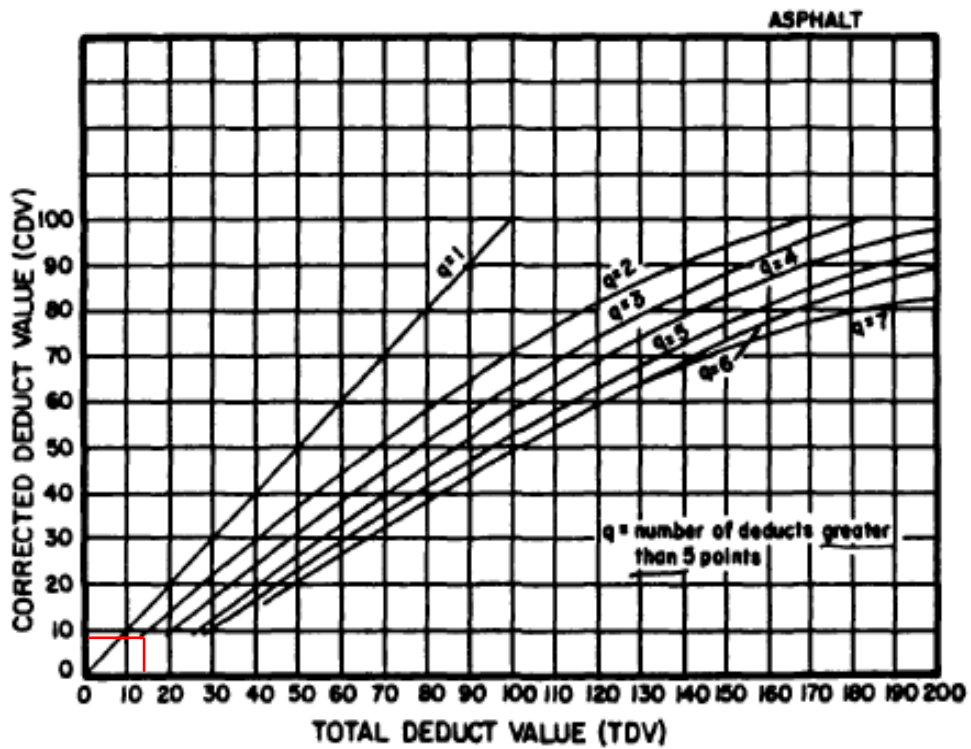


Lampiran 3. Grafik Nilai *Corrected Deduct Value* (CDV)

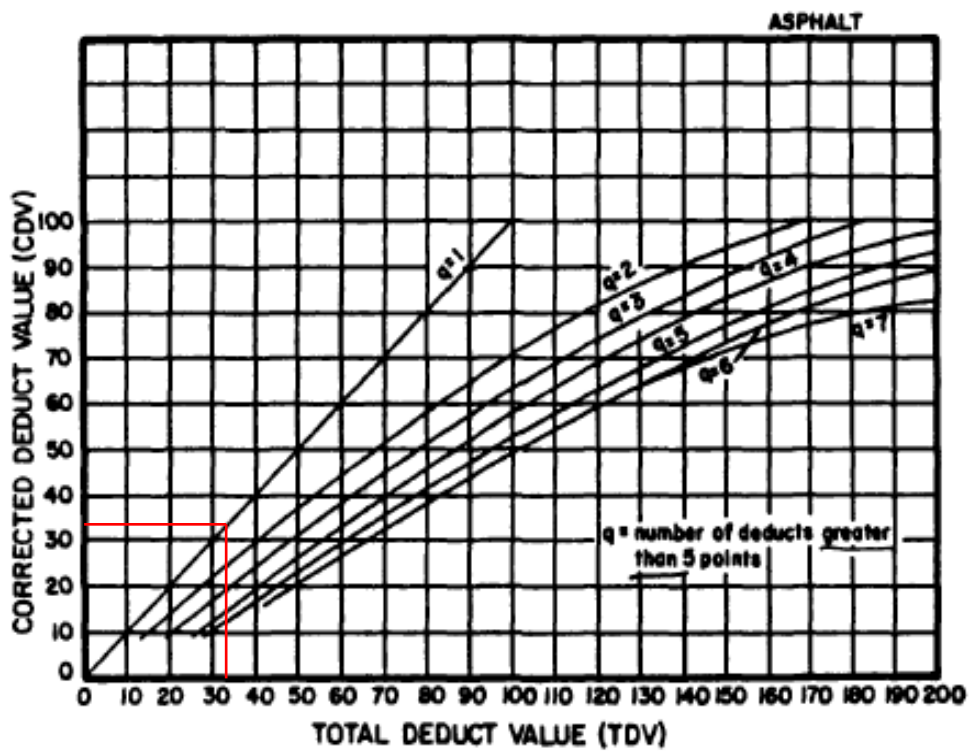
Sta 5+500 – 5+600



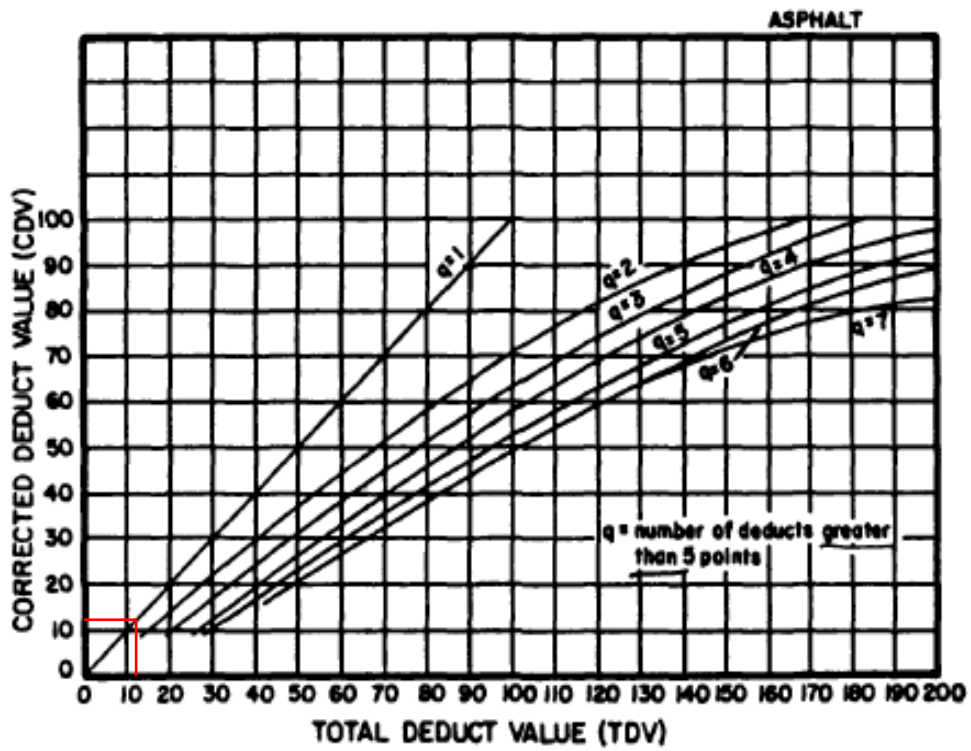
Sta 5+700 – 5+800



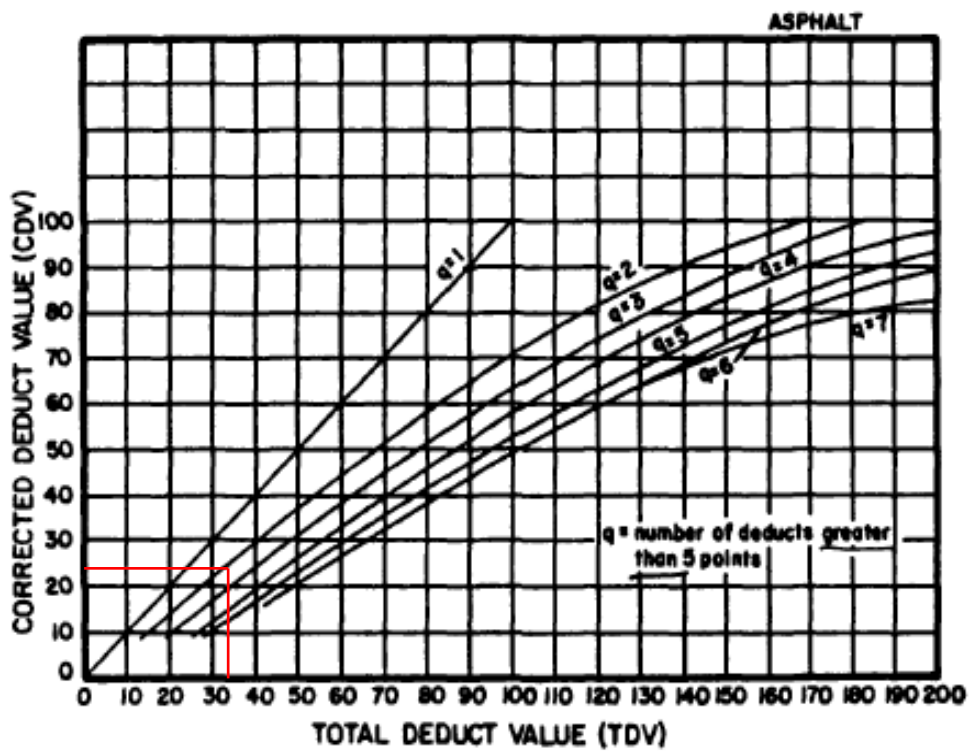
Sta 5+800 – 5+900



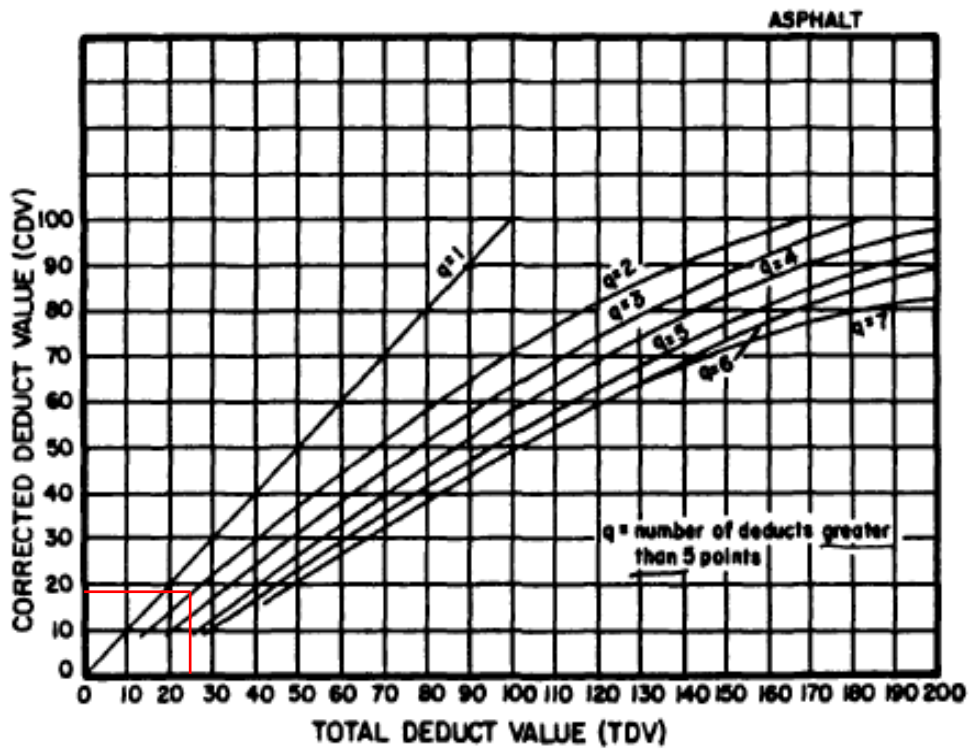
Sta 5+900 – 6+000



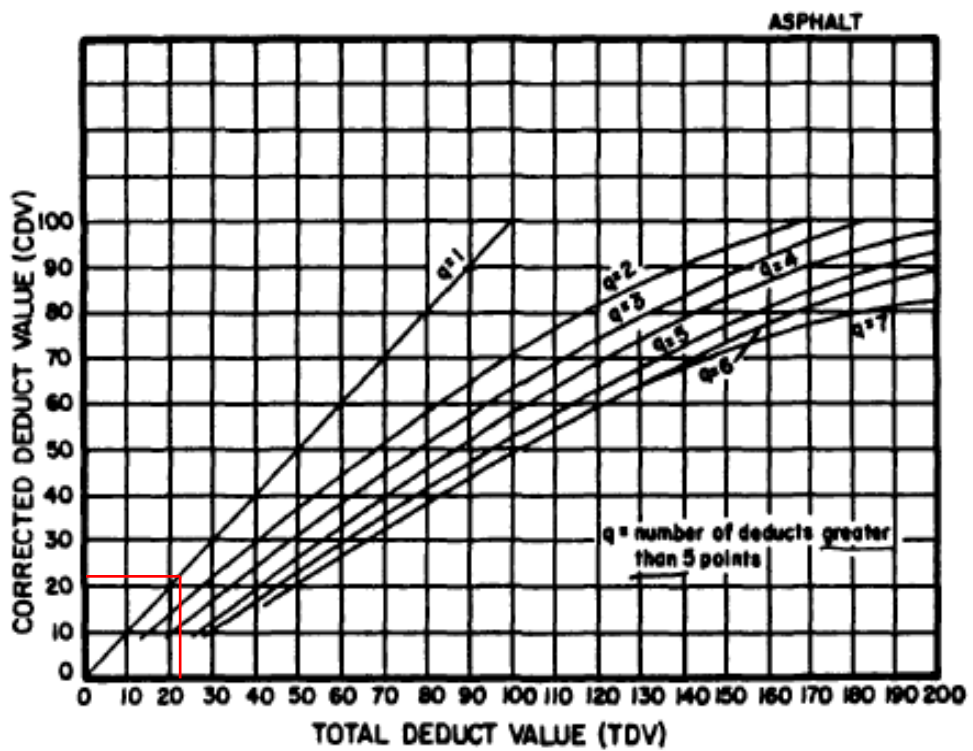
Sta 6+000 – 6+100



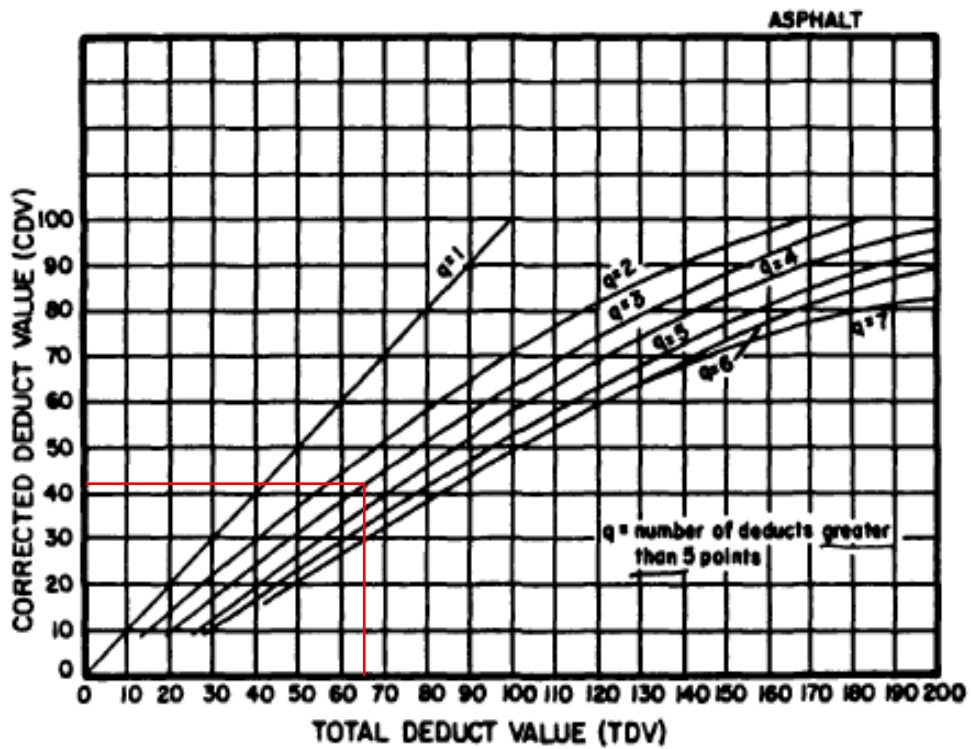
Sta 6+100 – 6+200



Sta 6+200 – 6+300

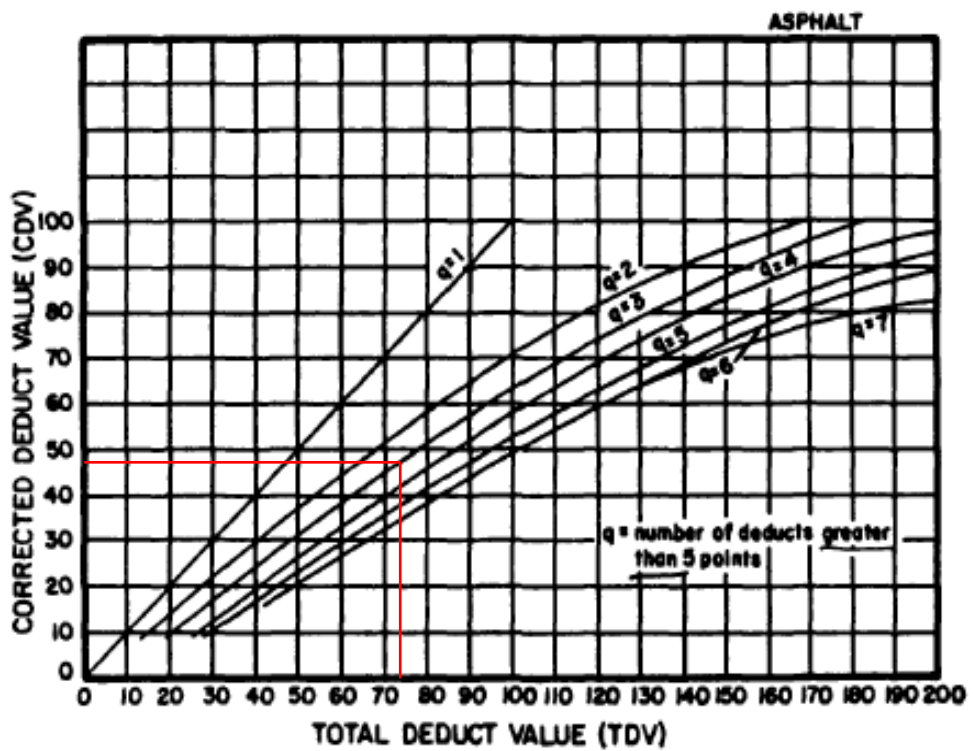


Sta 6+300 – 6+400

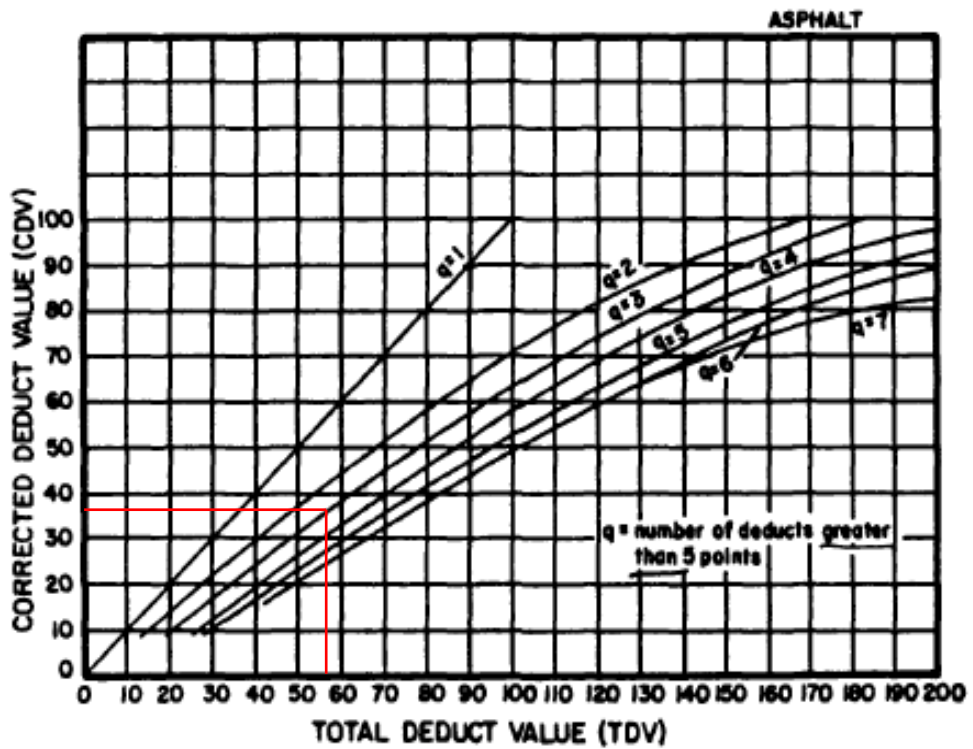




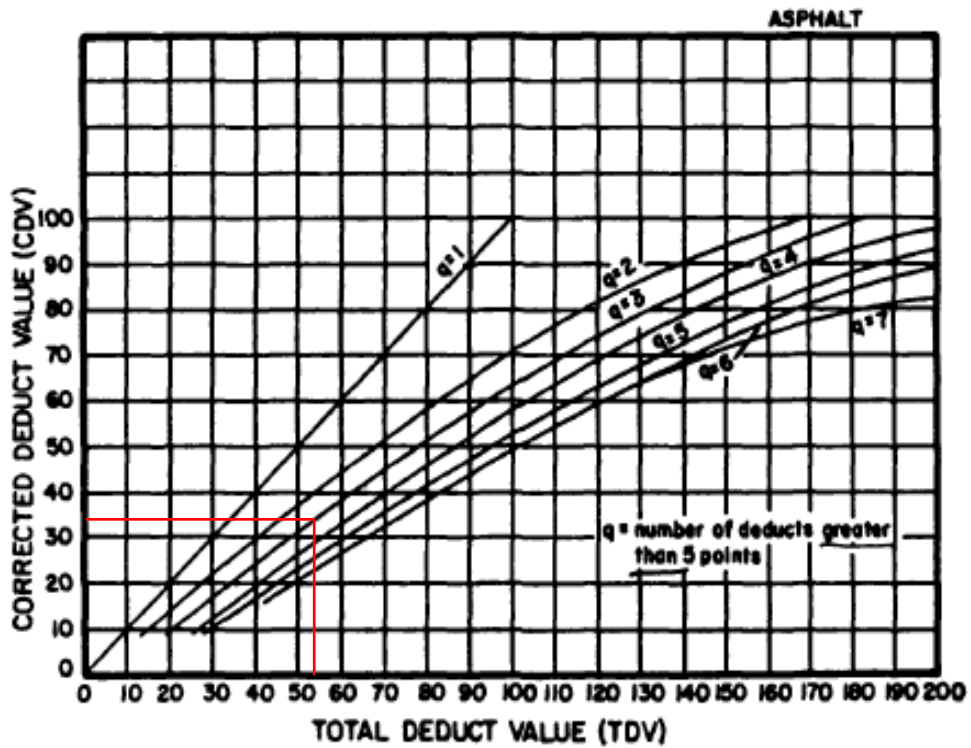
Sta 6+400 – 6+500



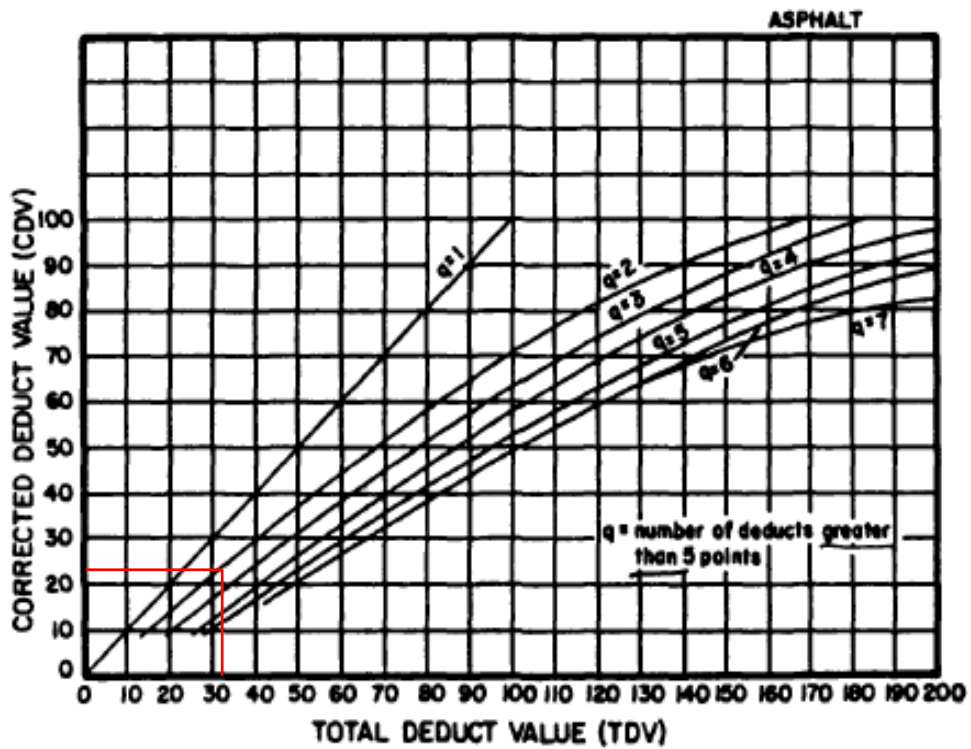
Sta 6+500 – 6+600



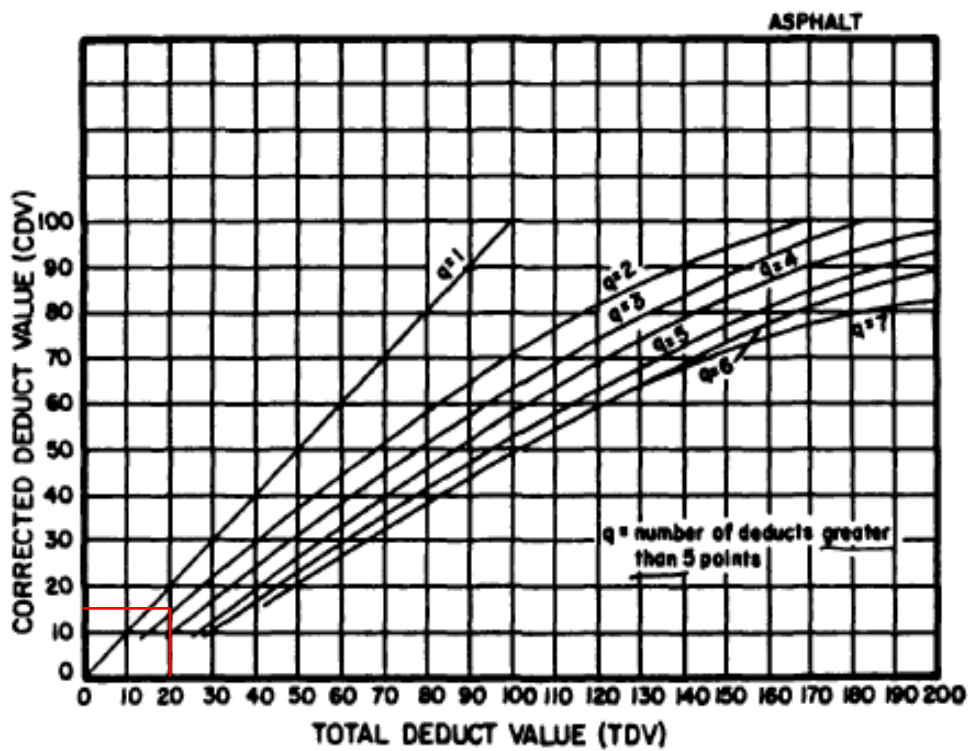
Sta 6+600 – 6+700



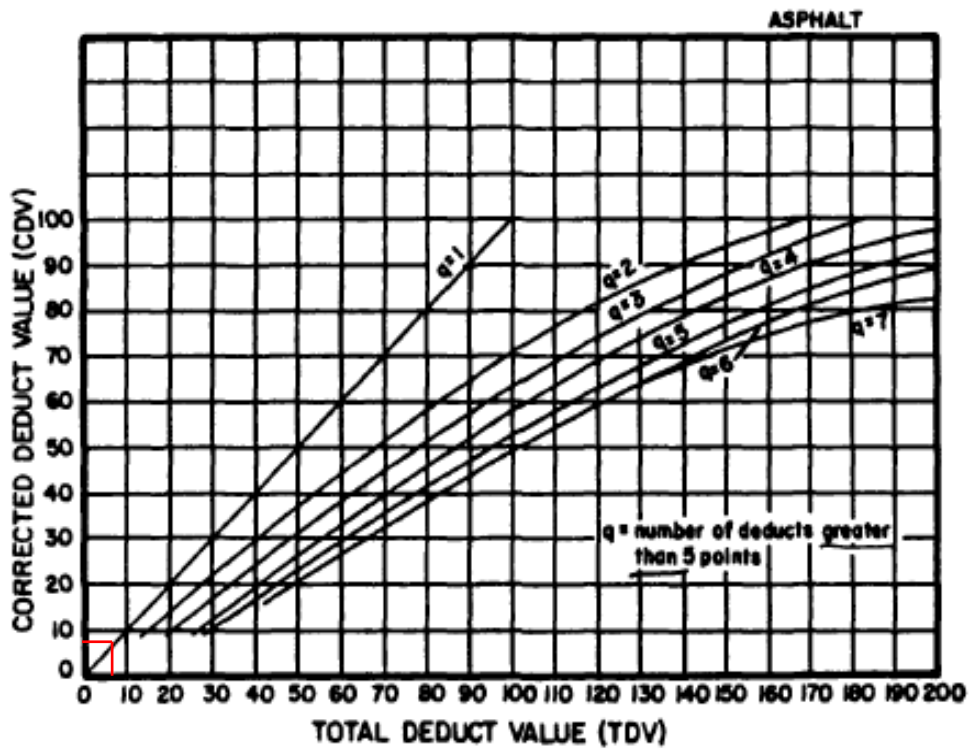
Sta 6+700 – 6+800



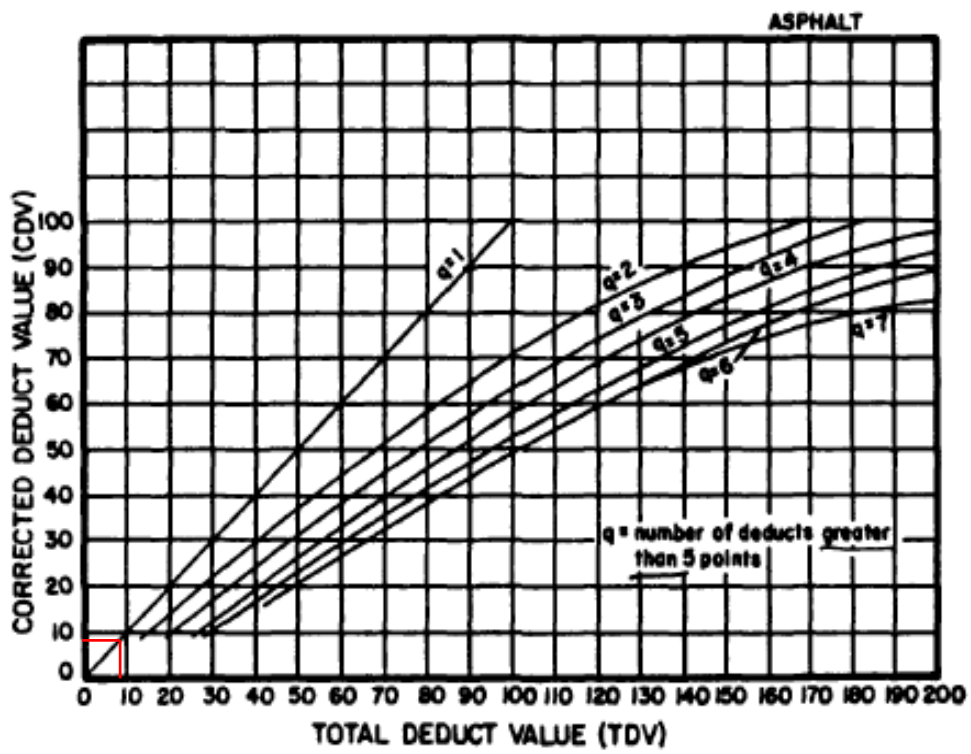
Sta 6+800 – 6+900



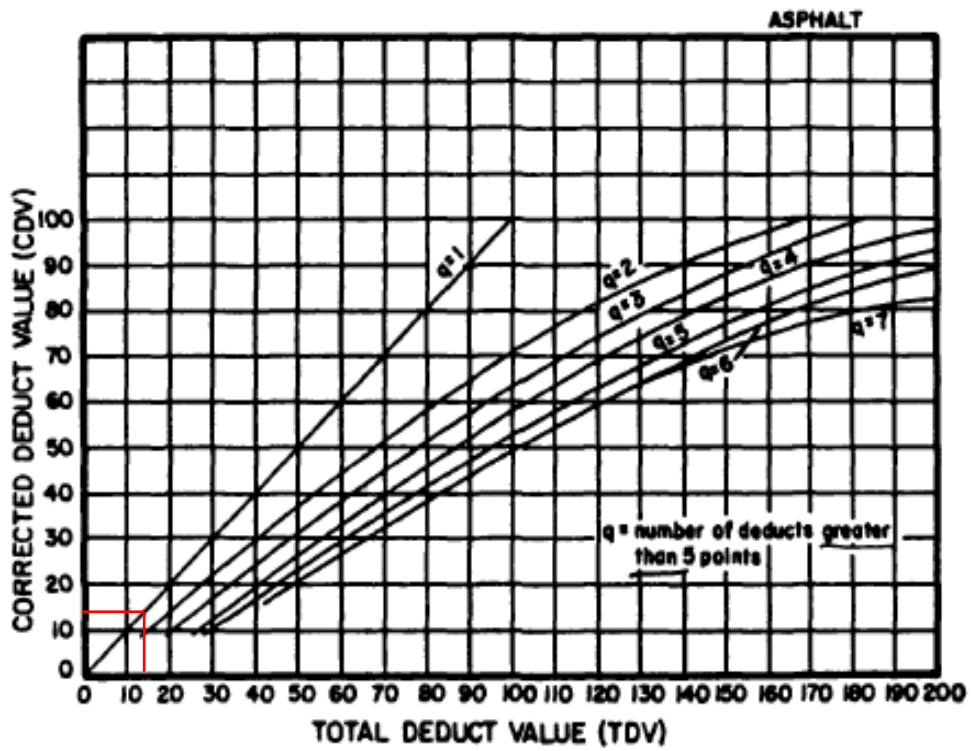
Sta 6+900 – 7+000



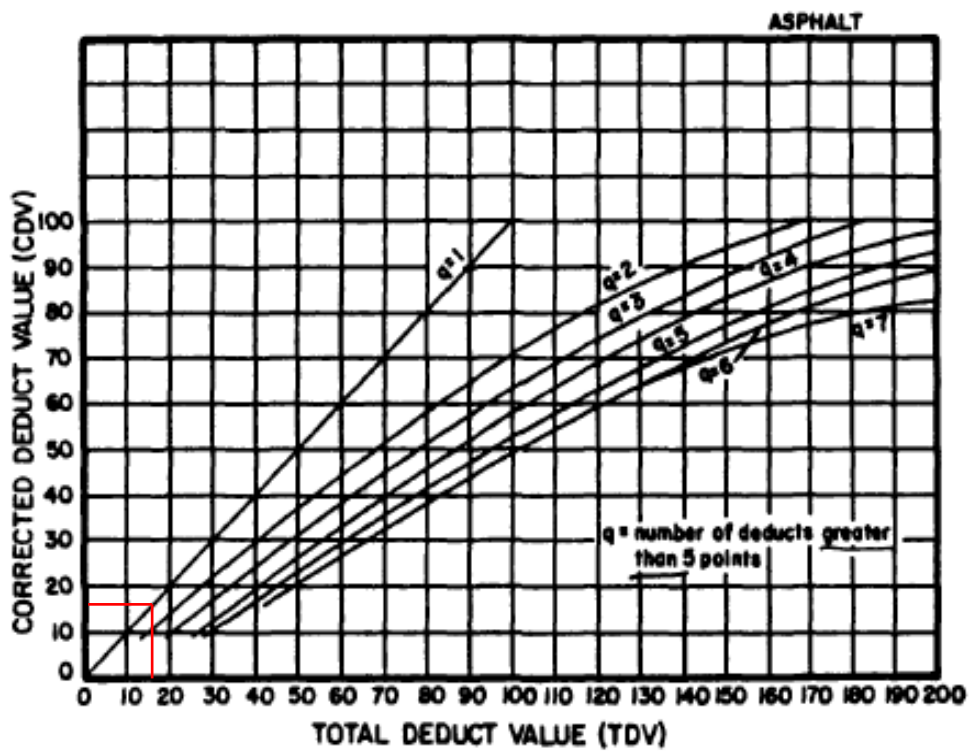
Sta 7+000 – 7+100



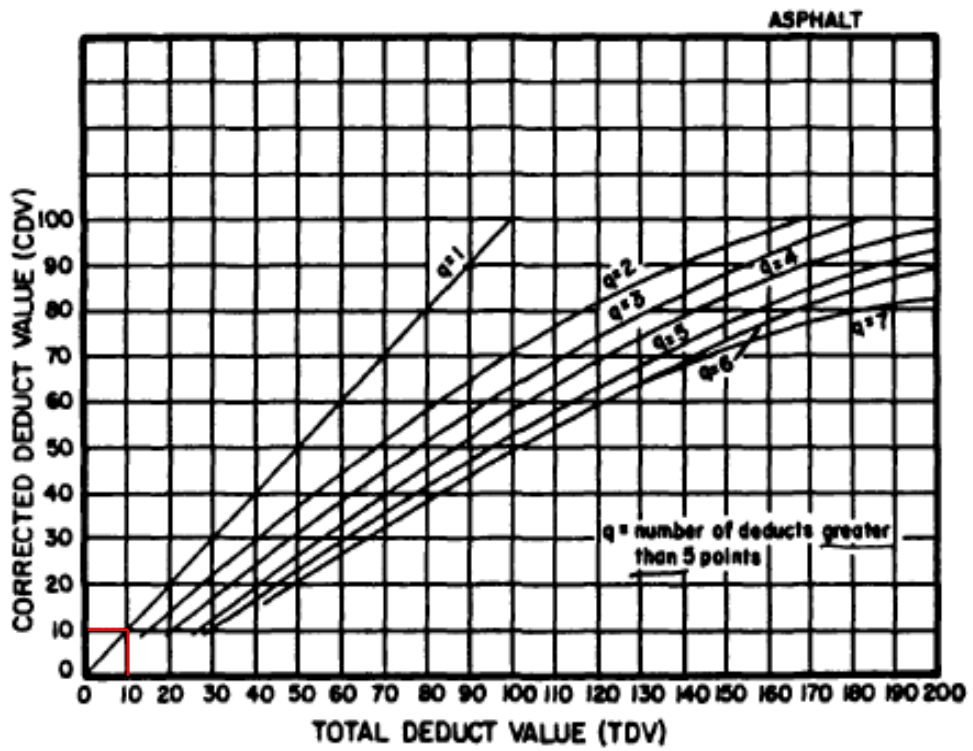
Sta 7+100 – 7+200



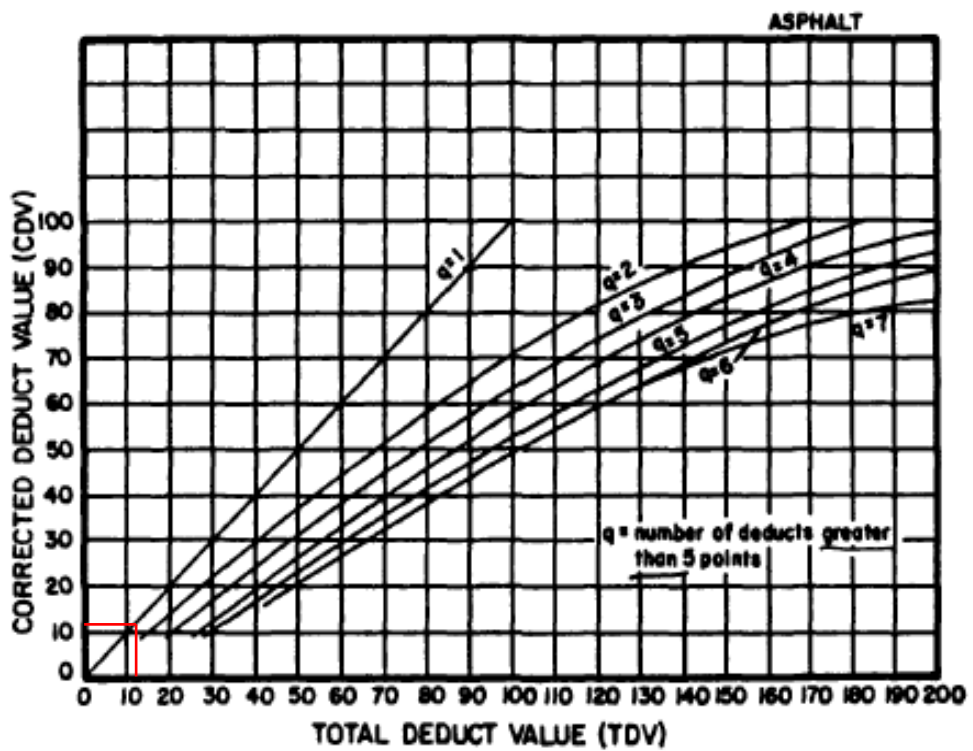
Sta 7+200 – 7+300



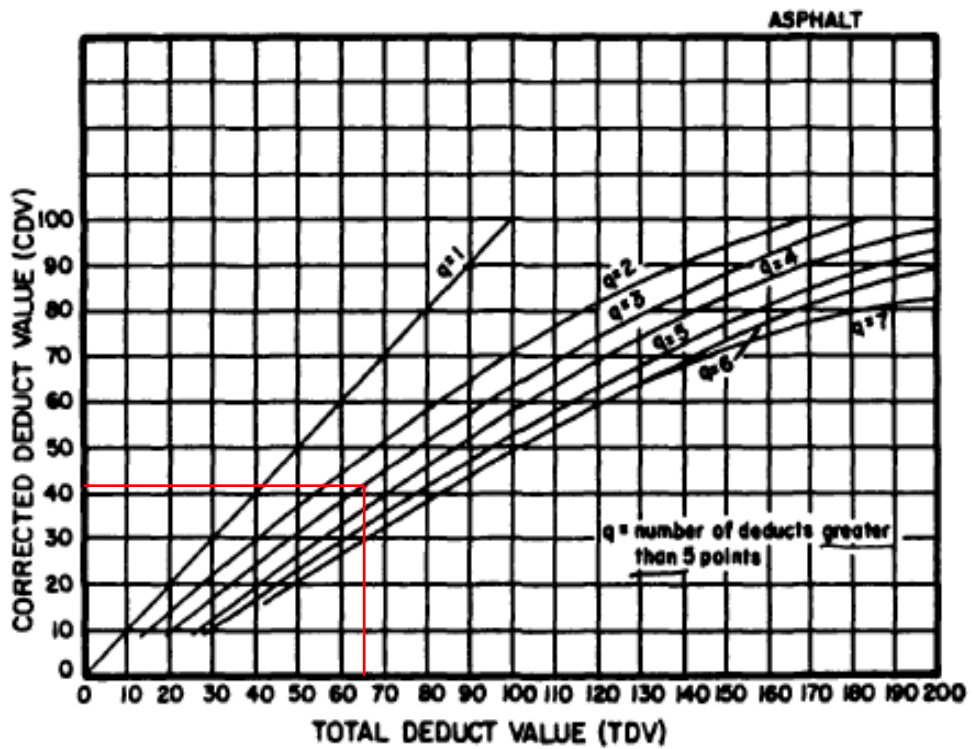
Sta 7+300 – 7+400



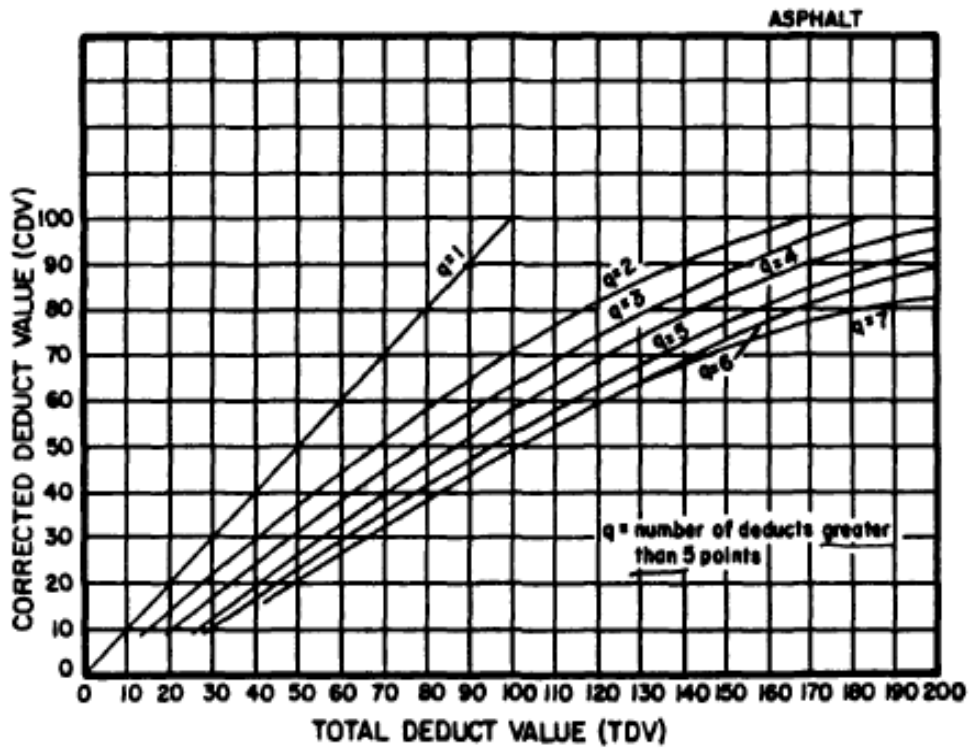
Sta 7+400 – 7+500



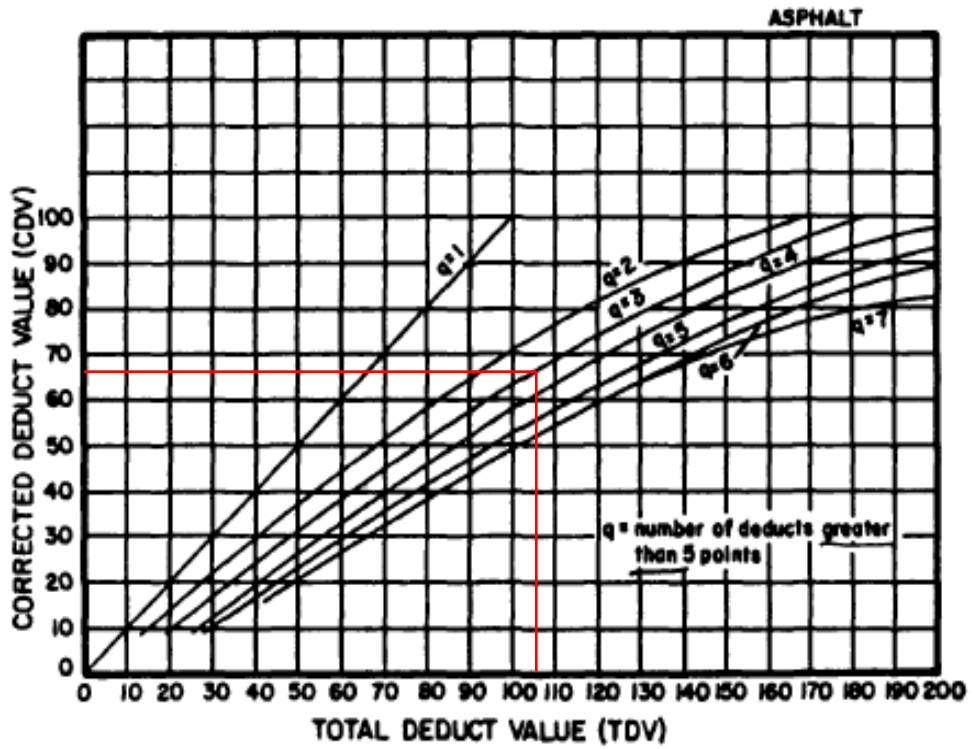
Sta 7+500 – 7+600



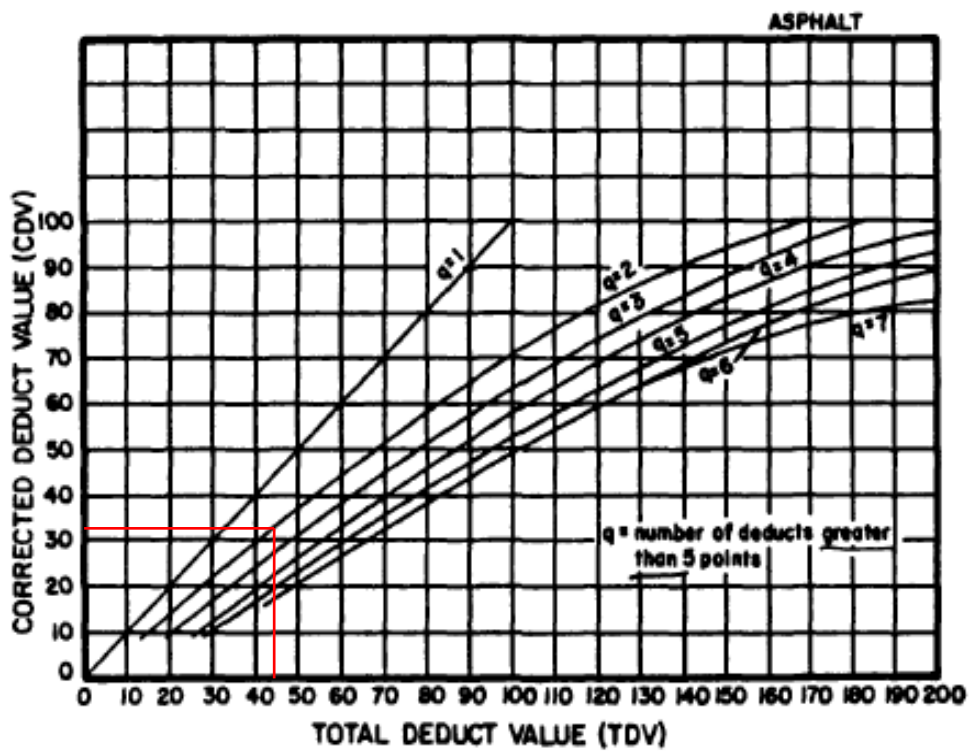
Sta 7+600 – 7+700



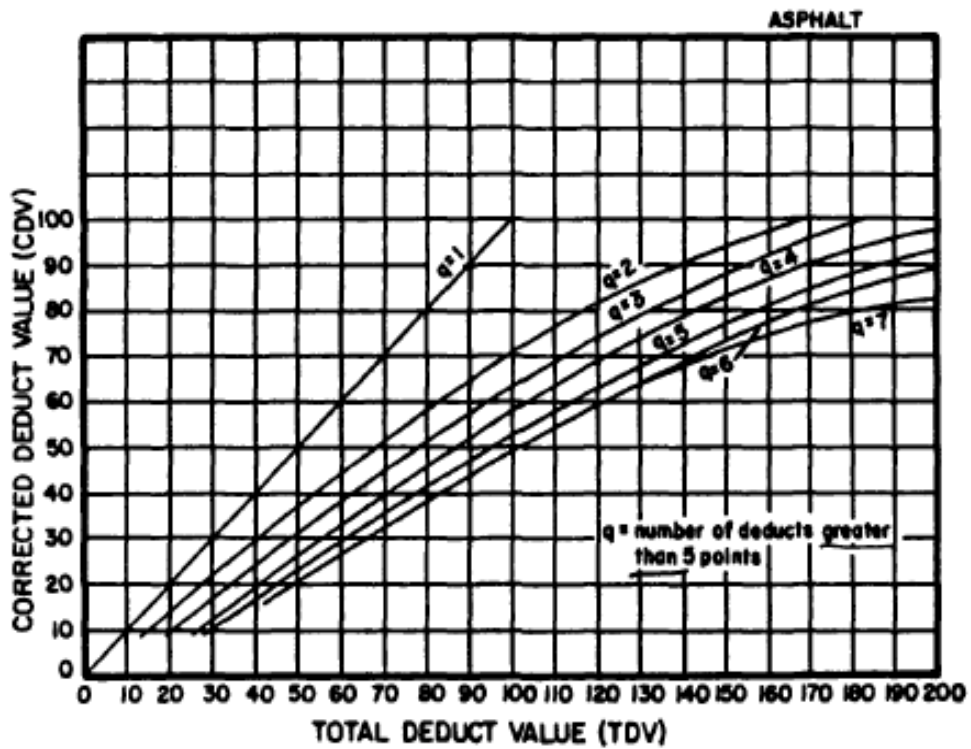
Sta 7+700 – 7+800



Sta 7+800 – 7+900

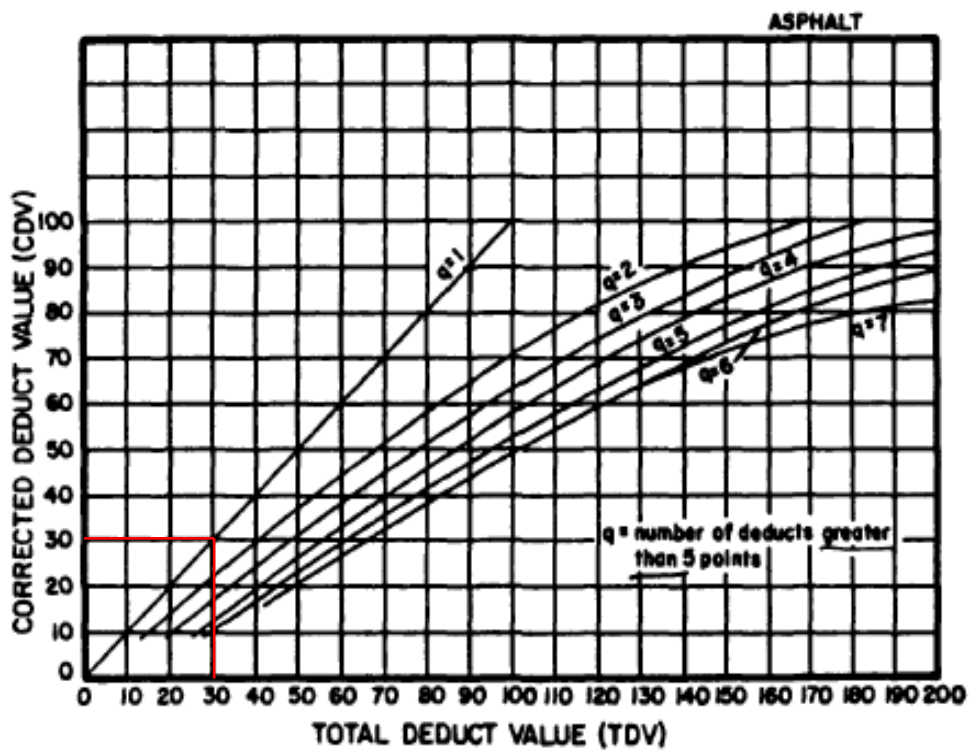


Sta 7+900 – 8+000

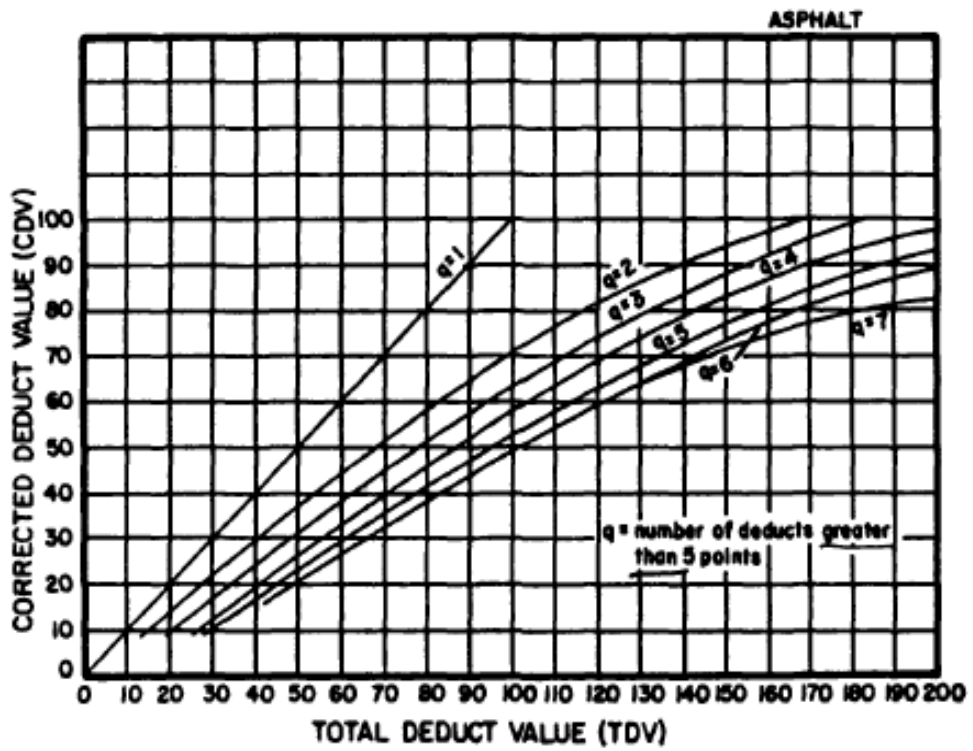




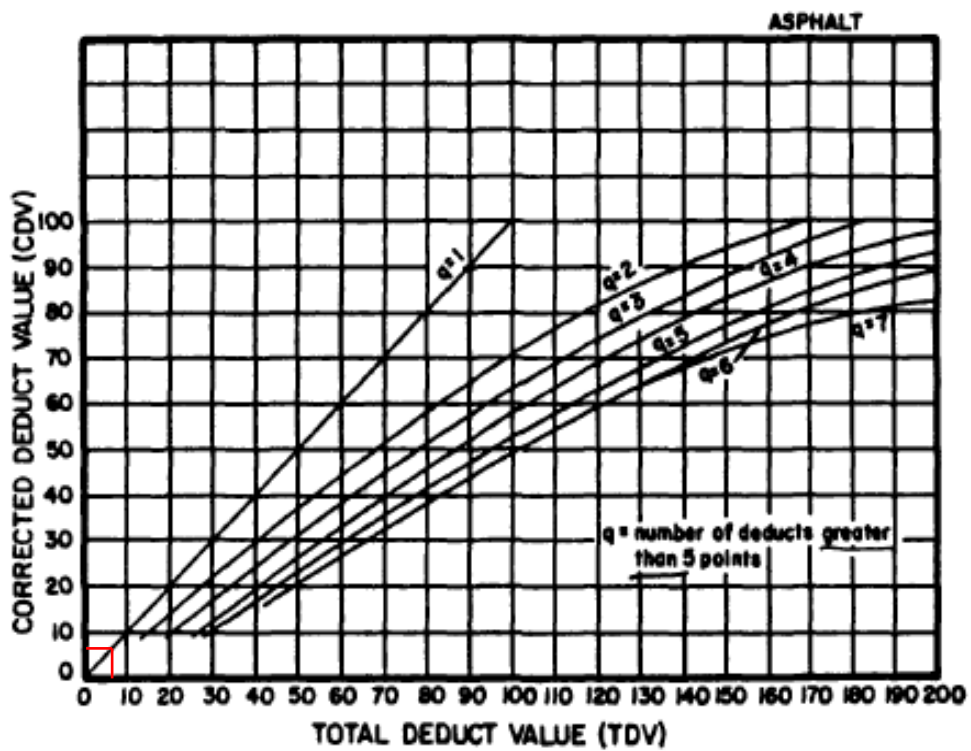
Sta 8+000 – 8+100



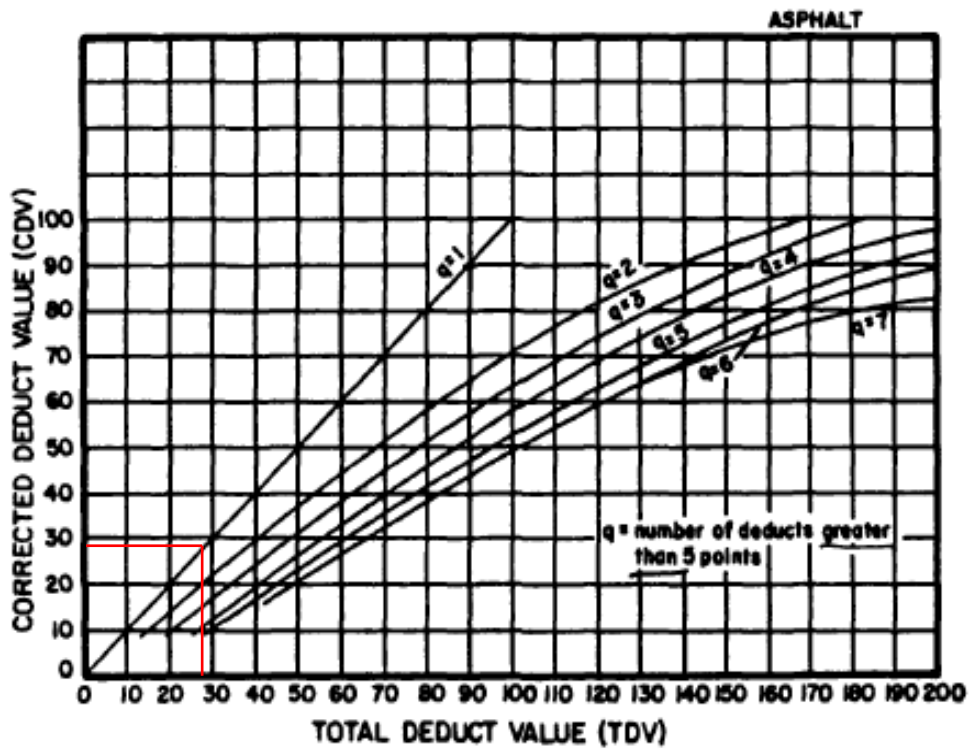
Sta 8+100 – 8+200



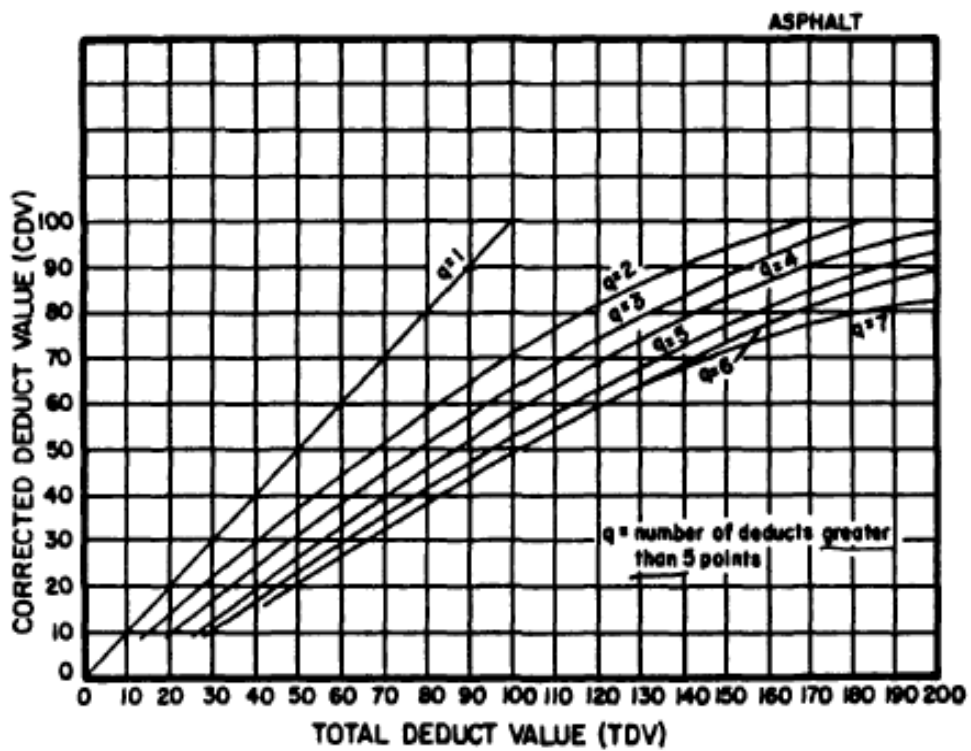
Sta 8+200 – 8+300



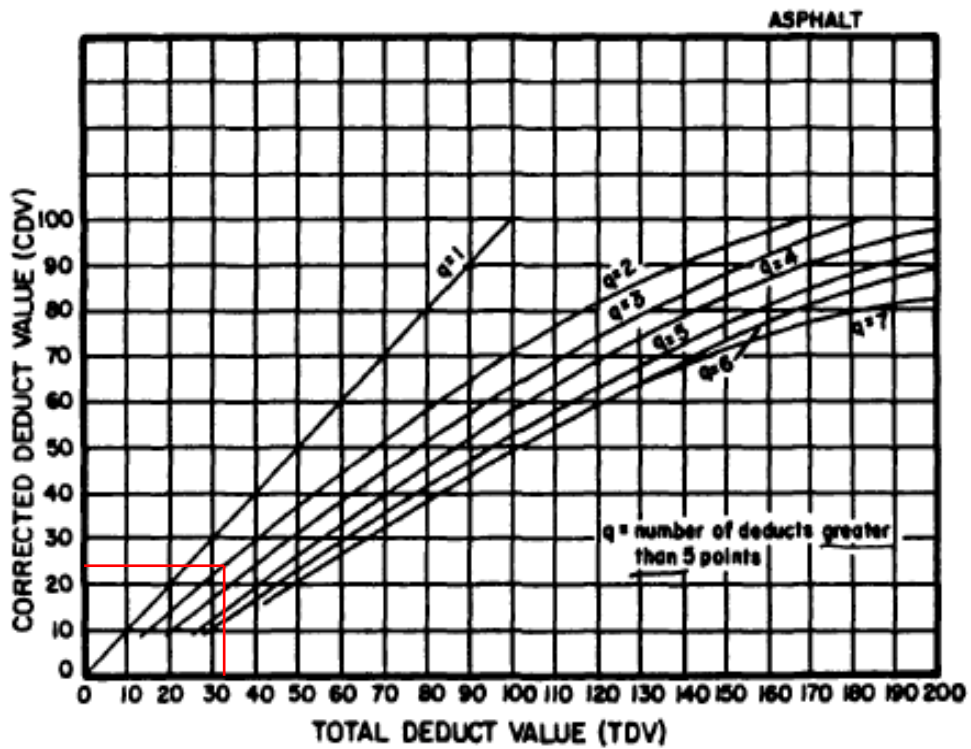
Sta 8+300 – 8+400



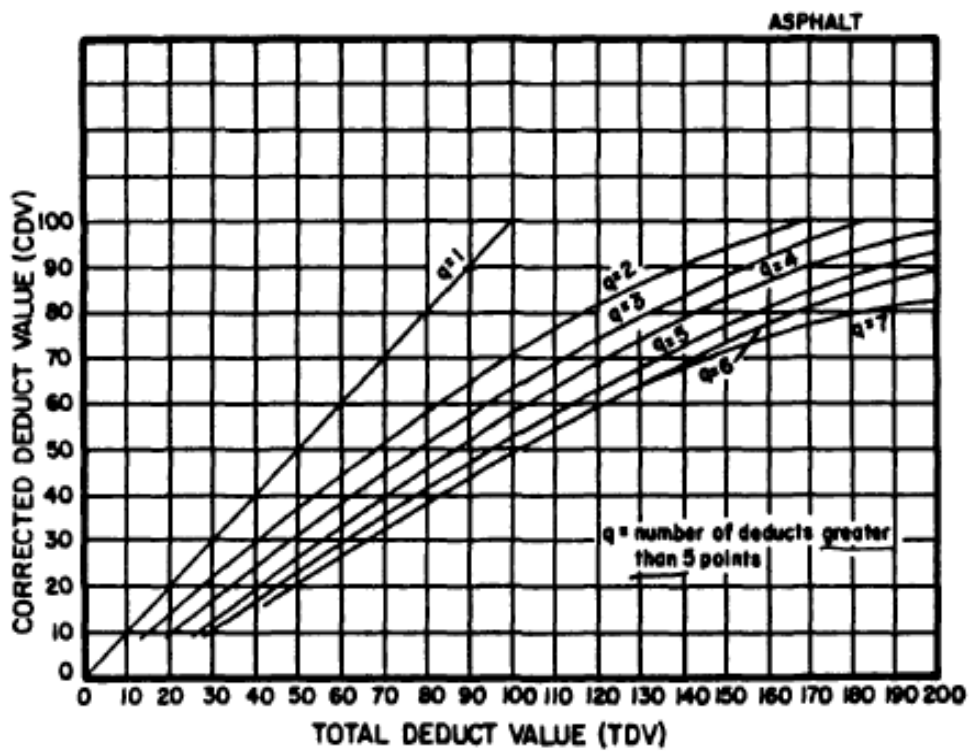
Sta 8+400 – 8+500



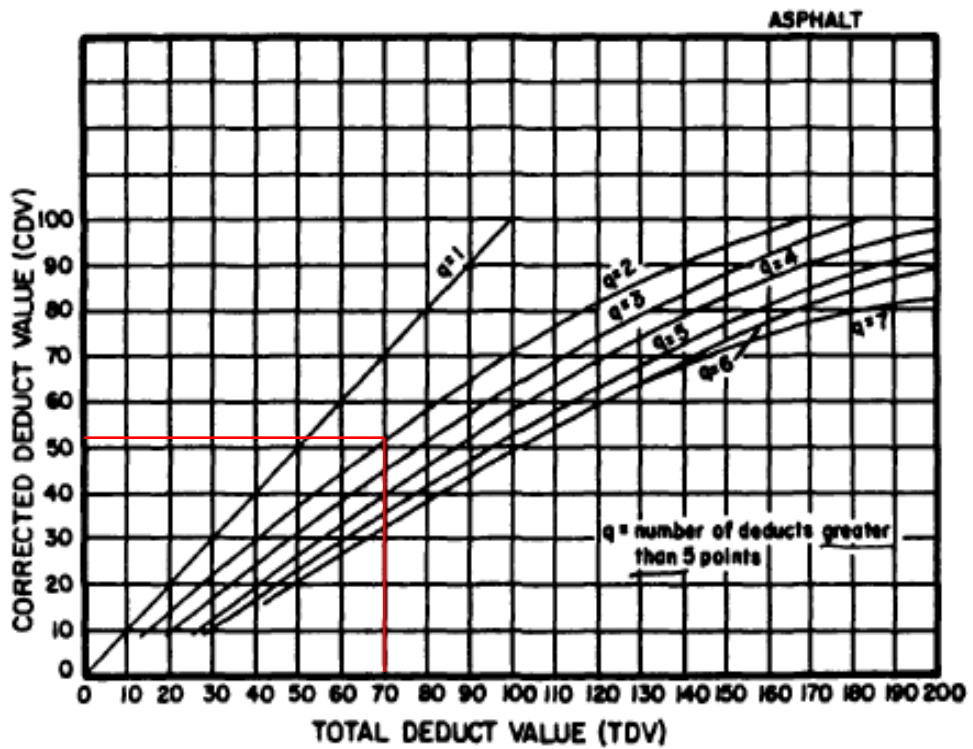
Sta 8+500 – 8+600



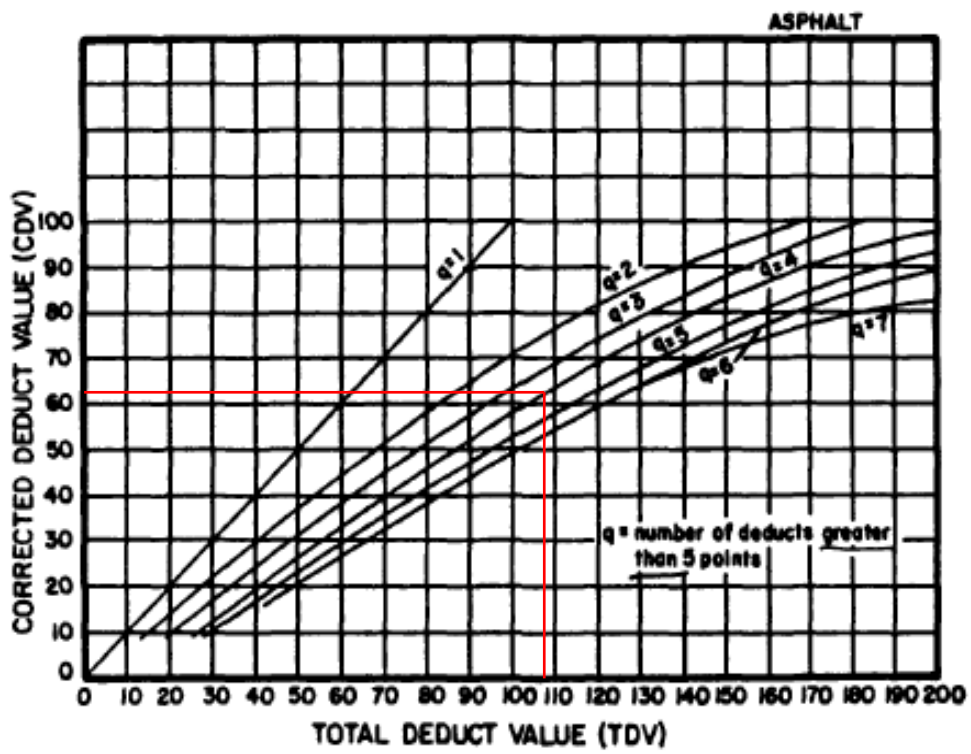
Sta 8+600 – 8+700



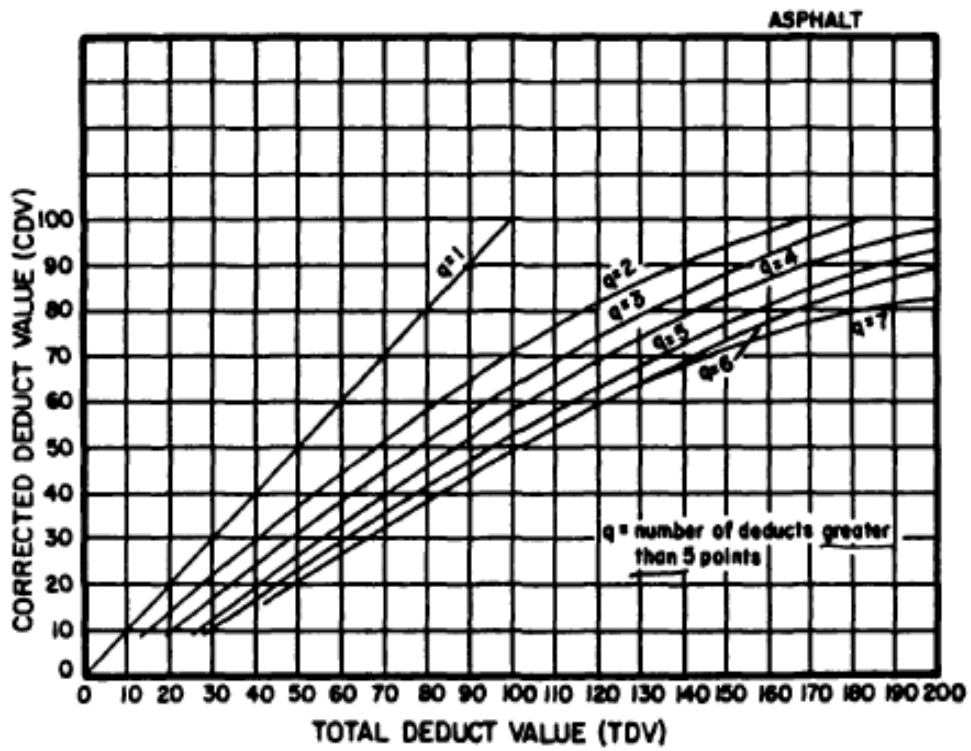
Sta 8+700 – 8+800



Sta 8+800 – 8+900



Sta 8+900 – 9+000



## Lampiran 4. Data Penghitungan RAB

Tabel 4.1 Pengelompokan Kelas Kerusakan Jalan

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
0+590	L	1,4	0,6		0,84	Tambalan
0+800	L	1,3	0,4		0,52	Tambalan
0+920	L	1,3	1,1		1,43	Tambalan
0+930	L	4,3	1,4		6,02	Tambalan
0+968	L	1	0,67		0,67	Tambalan
1+090	L	3,3	1,1		3,63	Tambalan
1+042	L	2,9	1,2		3,48	Tambalan
1+099	M	5	1,3		6,5	Tambalan
1+197	L	2,1	1,4		2,94	Tambalan
1+200	L	3	1		3	Tambalan
1+205	M	6,5	1		6,5	Tambalan
1+208	L	1,8	1,1		1,98	Tambalan
1+315	M	3,1	1		3,1	Tambalan
1+333	L	0,9	0,8		0,72	Tambalan
1+362	M	4,4	1		4,4	Tambalan
1+367	M	4,8	1		4,8	Tambalan
1+370	L	5	0,7		3,5	Tambalan
1+384	L	3	0,5		1,5	Tambalan
1+393	M	4,1	1		4,1	Tambalan
1+398	L	4,3	0,5		2,15	Tambalan
1+425	L	1,2	0,9		1,08	Tambalan
1+429	L	2,6	0,6		1,56	Tambalan
1+459	L	2,7	1		2,7	Tambalan
1+462	L	1,4	0,7		0,98	Tambalan
1+465	M	5,1	1,4		7,14	Tambalan
1+482	M	5,3	2,2		11,66	Tambalan
1+491	L	2,1	1,2		2,52	Tambalan
1+517	L	3,4	1		3,4	Tambalan
1+651	M	3,4	1,4		4,76	Tambalan
1+700	L	2,2	1,5		3,3	Tambalan
1+721	M	6	1,2		7,2	Tambalan
1+735	L	3,8	1,1		4,18	Tambalan
1+746	M	10	1,5		15	Tambalan
1+790	M	4,7	1,6		7,52	Tambalan
1+822	L	1,8	1		1,8	Tambalan
1+878	L	3,9	1,3		5,07	Tambalan

Tabel 4.1 Lanjutan

1+883	L	2	1,6		3,2	Tambalan
2+019	M	4,4	1,7		7,48	Tambalan
2+022	L	1,7	1,1		1,87	Tambalan
2+110	M	3,1	1,9		5,89	Tambalan
2+112	L	2,3	1,1		2,53	Tambalan
2+128	L	3,6	1,1		3,96	Tambalan
2+157	M	3,4	1,4		4,76	Tambalan
2+163	L	1,6	1,4		2,24	Tambalan
2+180	L	3,6	1,2		4,32	Tambalan
2+190	L	1,5	0,9		1,35	Tambalan
2+224	L	2,1	1		2,1	Tambalan
2+241	M	9	1,1		9,9	Tambalan
2+273	M	5,3	1,3		6,89	Tambalan
2+287	L	2	1,1		2,2	Tambalan
2+293	L	3,6	0,9		3,24	Tambalan
2+368	M	3,8	1,7		6,46	Tambalan
2+384	M	3,3	1,4		4,62	Tambalan
2+429	L	1,8	0,9		1,62	Tambalan
2+467	L	2,6	0,8		2,08	Tambalan
2+560	M	7	1,5		10,5	Tambalan
2+560	M	5	1,1		5,5	Tambalan
2+562	M	6	1,4		8,4	Tambalan
2+562	M	10	1,3		13	Tambalan
2+581	L	3	0,8		2,4	Tambalan
2+600	L	4,6	0,8		3,68	Tambalan
2+684	L	0,6	0,7		0,42	Tambalan
2+742	L	1	1		1	Tambalan
2+756	M	4	1,6		6,4	Tambalan
2+760	M	4,9	1,6		7,84	Tambalan
2+786	M	2,6	5,5		14,3	Tambalan
2+795	M	10	1,5		15	Tambalan
2+833	L	1,3	1,2		1,56	Tambalan
3+000	H	11	2,5		27,5	Tambalan
3+050	L	0,3	0,4		0,12	Tambalan
3+255	L	3,1	1		3,1	Tambalan
3+300	L	1,6	1		1,6	Tambalan
3+324	L	1,6	1		1,6	Tambalan
3+367	L	1,2	0,9		1,08	Tambalan
3+368	L	2,3	1,3		2,99	Tambalan
3+392	M	2	1,5		3	Tambalan
3+427	L	1	0,9		0,9	Tambalan

Tabel 4.1 Lanjutan

3+428	L	1,7	1,1		1,87	Tambalan
3+451	L	2,5	1,2		3	Tambalan
3+455	L	7	0,7		4,9	Tambalan
3+610	L	0,8	0,5		0,4	Tambalan
3+678	L	1,5	0,5		0,75	Tambalan
3+736	L	2,6	1		2,6	Tambalan
3+779	L	3	1,4		4,2	Tambalan
3+825	M	6,2	2		12,4	Tambalan
total luasan					380,37	

Tabel 4.2 Pengelompokan Kelas Kerusakan Jalan Retak Memanjang/Melintang

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
0+700	L	10,6	1,1		11,66	Retak memanjang/melintang
0+734	L	10,1	1,1		11,11	Retak memanjang/melintang
0+756	L	2,8	1,2		3,36	Retak memanjang/melintang
0+790	M	1,9	2,6		4,94	Retak memanjang/melintang
0+900	M	3	2,6		7,8	retak memanjang/melintang
3+218	L	4,3			4,3	Retak memanjang/melintang
3+338	M	5,2			5,2	Retak memanjang/melintang
3+757	L	4,7			4,7	Retak memanjang/melintang
total luasan					53,07	

Tabel 4.3 Pengelompokan Kelas Kerusakan Jalan Alur

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
0+845	H	15,5	1		15,5	Alur
1+135	L	10	2,8		28	Alur
total luasan					43,5	

Tabel 4.4 Pengelompokan Kelas Kerusakan Jalan Lubang

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
1+062	L	0,2	0,1	0,3	0,006	Lubang
1+479	L	0,3	0,2	0,05	0,003	Lubang
1+487	L	0,3	0,3	0,04	0,0036	Lubang
1+500	L	1,2	0,6	0,04	0,0288	Lubang



1+504	L	0,7	0,5	0,03	0,0105	Lubang
1+673	L	0,1	0,1	0,02	0,0002	Lubang

Tabel 4.4 Lanjutan

2+562	L	0,4	0,2	0,4	0,032	Lubang
2+581	L	0,2	0,3	0,06	0,0036	Lubang
2+857	L	0,4	0,2	0,04	0,0032	Lubang
3+324	L	0,3	0,4	0,02	0,0024	Lubang
3+836	L	0,4	0,2	0,02	0,0016	Lubang
total luasan					0,0949	

Tabel 4.5 Pengelompokan Kelas Kerusakan Pengausan Agregat

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
1+103	L	1,7	0,3		0,51	pengausan agregat
1+639	L	9	0,3		2,7	Pengausan agregat
total luasan					3,21	

Tabel 4.6 Pengelompokan Kelas Kerusakan Jalan Retak Buaya

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
1+198	L	4,5	1,2		5,4	retak buaya
1+211	L	8	2,7		21,6	retak buaya
1+300	M	17	1,8		30,6	retak buaya
1+351	L	11	1,4		15,4	retak buaya
1+400	M	10	1,1		11	retak buaya
1+434	M	5	1,6		8	retak buaya
1+442	M	6	1,4		8,4	retak buaya
1+459	M	5	1,8		9	retak buaya
1+504	M	8,5	1		8,5	Retak buaya
1+518	L	3,4	1		3,4	Retak buaya
1+526	M	11	1		11	Retak buaya
1+549	M	5	1,3		6,5	Retak buaya
1+611	M	10	1,2		12	Retak buaya
1+742	L	4,6	1,4		6,44	Retak buaya
1+828	L	6,5	1,2		7,8	Retak buaya
2+467	M	12	0,7		8,4	Retak buaya
2+581	M	7,8	1,4		10,92	Retak buaya
2+712	M	4	1,3		5,2	Retak buaya

Tabel 4.6 Lanjutan

2+719	M	5,4	1,2		6,48	Retak buaya
2+732	M	8	1,4		11,2	Retak buaya
2+760	H	30	1,5		45	Retak buaya
2+843	M	14	0,8		11,2	Retak buaya
3+200	L	2,7	1,3		3,51	Retak buaya
3+500	M	3,4	2,2		7,48	Retak buaya
3+541	M	5	1,2		6	Retak buaya
3+557	L	3	1		3	Retak buaya
3+745	M	7	1,7		11,9	Retak buaya
3+792	H	12	1,6		19,2	Retak buaya
3+800	M	4	1,5		6	Retak buaya
3+822	M	8,3	1		8,3	Retak buaya
3+840	H	18	2,5		45	Retak buaya
total luasan					373,83	

Tabel 4.7 Pengelompokan Kelas Kerusakan Jalan Kegemukan

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
1+518	L	1,3	0,5		0,65	Kegemukan
1+773	M	8	1,4		11,2	Kegemukan
1+800	L	3,7	0,6		2,22	Kegemukan
2+490	M	3,9	1,3	0,06	0,3042	Kegemukan
2+784	L	0,6	0,2	0,06	0,0072	Kegemukan
3+575	L	4	0,5	0,04	0,08	Kegemukan
total luasan					14,4614	

Tabel 4.8 Pengelompokan Kelas Kerusakan Jalan Cekungan

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
1+810	L	5	1,5		7,5	Cekungan
total luasan					7,5	

Tabel 4.9 Pengelompokan Kelas Kerusakan Jalan Keriting

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
1+934	L	13	2,7		35,1	Keriting
total luasan					35,1	

Tabel 4.10 Pengelompokan Kelas Kerusakan Jalan Retak Pinggir

STA (KM)	KELAS KERUSAKAN	UKURAN				KETERANGAN
		P (m)	L (m)	h (m)	A (m <sup>2</sup> )	
2+440	L	0,6	0,4		0,24	retak pinggir
2+940	L	6			6	Retak pinggir
2+960	L	4,2			4,2	Retak pinggir
3+338	L	5,2			5,2	Retak pinggir
3+346	L	3,3			3,3	Retak pinggir
total luasan					18,94	

Tabel 4.11 Tabel Metode Perbaikan dan Luasan/Volume Kerusakan

no	jenis kerusakan	metode perbaikan	luas/volume kerusakan
1	retak memanjang/melintang	p2	53,07
2	retak buaya	p2	373,83
total luasan/volume			426,9

Tabel 4.12 Tabel Pekerjaan RAB Berdasarkan Metode Perbaikan P2

no	Komponen	satuan	perkiraan kuantitas	harga satuan	jumlah harga
<b>A Tenaga</b>					
1	Pekerja	jam	0,183333333	7.800	1430
2	mandor	jam	0,025	9.643	241,0715
jumlah harga tenaga					1671,0715
<b>B bahan</b>					
1	agregat halus	m <sup>3</sup>	2,13	190.999,76	406829,4888
2	filler	kg	60,7	1.375	83462,5
3	aspal	kg	68,4	9.920	678528
jumlah harga bahan					1168819,989
<b>C alat</b>					
1	wheel loader	jam	0,006666667	481.296,47	3208,643133
2	amp	jam	0,025	5.825.340,33	145633,5083
3	dump truck pneumatic	jam	0,123333333	481.041,11	59328,40357
4	tyre roller	jam	0,0135	390.936,72	5277,64572
5	compressor	jam	0,00365	240.475,20	877,73448
jumlah harga alat					214325,9352
D jumlah harga tenaga, bahan, alat					1384816,995
E overhead dan profit (15%xD)					207722,5493
F harga satuan pekerjaan					1592539,545

Tabel 4.13 Tabel Pekerjaan RAB Berdasarkan Metode Perbaikan P5

no	komponen	satuan	perkiraan kuantitas	harga satuan	jumlah harga
<b>A tenaga</b>					
1	pekerja	jam	0,25	7.800	1950
2	mandor	jam	0,031666667	9.643	305,3572333
jumlah harga tenaga					2255,357233
<b>B bahan</b>					
agregat kelas					
1	A	m3	626,0574	190999,76	119576813,1
2	agregat halus	m3	278,2477333	190999,76	53145250,28
3	agregat kasar	m3	417,3716	190999,76	79717875,43
4	aspal	kg	58,9	9920	584288
5	kerosene	liter	0,25	11157	2789,25
jumlah harga bahan					253027016,1
<b>C alat</b>					
1	wheel loader	jam	0,015166667	481.296,47	7299,663128
2	amp asphalt	jam	0,024333333	5.825.340,33	141749,948
3	sprayer	jam	0,003833333	80596,26	308,95233
4	dump truck	jam	0,121666667	481.041,11	58526,66838
5	tandem roller	jam	0,0135	378.325,00	5107,3875
6	compressor	jam	0,00365	240.475,20	877,73448
jumlah harga alat					213870,3539
D jumlah harga tenaga, bahan, alat					253243141,8
E overhead dan profit (15%xD)					37986471,27
F harga satuan pekerjaan					291229613,1

Tabel 4.14 Tabel Pekerjaan RAB Berdasarkan Metode Perbaikan P6

no	komponen	satuan	perkiraan kuantitas	harga satuan	jumlah harga
<b>A tenaga</b>					
1	pekerja	jam	0,17	7800	1326
2	mandor	jam	0,023666667	9643	228,2176667
jumlah harga tenaga					1554,217667
<b>B bahan</b>					
1	agregat kasar	m3	0,035533	190999,76	6786,794472
2	agregat halus	m3	0,0533	190999,76	10180,28721
3	aspal	kg	64,6	9920	640832
4	kerosene	liter	0,43	11157	4797,51
jumlah harga bahan					662596,5917

C alat					
1	dump truck	jam	0,136833333	481.041,11	65822,45855
2	amp	jam	0,0205	5.825.340,33	119419,4768
3	tandem roller	jam	0,012833333	378.325,00	4855,170833
4	compressor	jam	0,00365	240.475,20	877,73448
jumlah harga alat					190974,8406
D	jumlah harga tenga, bahan, alat				855125,65
E	overhead dan profit (15%xD)				128268,8475
F	harga satuan pekerjaan				983394,4975

no	metode perbaikan	harga satuan pekerjaan
1	p2	1592539,545
2	p5	291229613,1
3	p6	983394,4975
total harga		293805547,1