

LAMPIRAN



Data Rekapitulasi Lalu Lintas Harian (LHR)

Hari : Senin

No	Waktu	Kendaraan Ringan	Kendaraan Berat	Sepedah Motor	Sepeda/Pejalan Kaki	Total Kendaraan Bermotor
1	06:00-07:00	114	297	1995	0	2406
2	07:00-08:00	133	298	2001	0	2432
3	08:00-09:00	141	295	2010	0	2446
4	11:00-12:00	94	180	1038	2	1312
5	12:00-13:00	104	161	995	0	1260
6	13:00-14:00	101	211	1083	0	1395
7	15:00-16:00	104	285	2240	0	2629
8	16:00-17:00	163	242	2300	1	2705
9	17:00-18:00	161	234	2311	2	2706
19291						

Hari : Selasa

No	Waktu	Kendaraan Ringan	Kendaraan Berat	Sepedah Motor	Sepeda/Pejalan Kaki	Total Kendaraan Bermotor
1	06:00-07:00	128	158	2000		2286
2	07:00-08:00	95	220	2089		2404
3	08:00-09:00	102	258	2015		2375
4	11:00-12:00	130	132	1043		1305
5	12:00-13:00	100	138	1000		1238
6	13:00-14:00	127	126	1088		1341
7	15:00-16:00	145	158	2251		2554
8	16:00-17:00	141	230	2305		2676
9	17:00-18:00	139	212	2316		2667
18846						

Hari : Rabu

No	Waktu	Kendaraan Ringan	Kendaraan Berat	Sepedah Motor	Sepeda/Pejalan Kaki	Total Kendaraan Bermotor
1	06:00-07:00	100	147	1989		2236
2	07:00-08:00	84	209	2078		2371
3	08:00-09:00	84	247	2004		2335
4	11:00-12:00	119	121	1032		1272
5	12:00-13:00	89	127	989		1205
6	13:00-14:00	116	115	1077		1308
7	15:00-16:00	134	147	2240		2521
8	16:00-17:00	130	219	2294		2643
9	17:00-18:00	128	201	2305		2634
18525						

Hari : Kamis

No	Waktu	Kendaraan Ringan	Kendaraan Berat	Sepedah Motor	Sepeda/Pejalan Kaki	Total Kendaraan Bermotor
1	06:00-07:00	125	153	1995	0	2273
2	07:00-08:00	92	215	2084	0	2391
3	08:00-09:00	97	253	2010	0	2360
4	11:00-12:00	125	127	1038	0	1290
5	12:00-13:00	100	133	995	0	1228
6	13:00-14:00	122	121	1083	0	1326
7	15:00-16:00	140	153	2246	0	2539
8	16:00-17:00	141	225	2300	0	2666
9	17:00-18:00	134	207	2311	0	2652
18725						

Hari: jumat

N o	Waktu	Kendaraan Ringan	Kendaraan Berat	Sepedah Motor	Sepeda/Pejalan Kaki	Total Kendaraan Bermotor
1	06:00-07:00	100	135	1977	1	2212
2	07:00-08:00	67	197	2066	1	2330
3	08:00-09:00	79	235	1992	0	2306
4	11:00-12:00	77	109	1020	0	1231
5	12:00-13:00	102	115	977	0	1169
6	13:00-14:00	104	103	1065	0	1272
7	15:00-16:00	117	135	2228	0	2480
8	16:00-17:00	118	207	2282	0	2607
9	17:00-18:00	116	189	2293	0	2598
				18205		

Sabtu : sabtu

N o	Waktu	Kendaraan Ringan	Kendaraan Berat	Sepedah Motor	Sepeda/Pejalan Kaki	Total Kendaraan Bermotor
1	06:00-07:00	68	98	1940		2106
2	07:00-08:00	35	160	2029		2224
3	08:00-09:00	42	198	1955		2195
4	11:00-12:00	68	72	983		1123
5	12:00-13:00	39	78	940		1057
6	13:00-14:00	67	66	1028		1161
7	15:00-16:00	85	98	2191		2374
8	16:00-17:00	81	170	2245		2496
9	17:00-18:00	79	152	2256		2487
17223						

Hari : Minggu

N o	Waktu	Kendaraan Ringan	Kendaraan Berat	Sepedah Motor	Sepeda/Pejalan Kaki	Total Kendaraan Bermotor
1	06:00-07:00	114	297	2005	0	2416
2	07:00-08:00	89	298	1990	0	2377
3	08:00-09:00	141	295	2012	0	2448
4	11:00-12:00	94	180	1003	2	1277
5	12:00-13:00	104	161	907	0	1172
6	13:00-14:00	101	211	1254	0	1566
7	15:00-16:00	133	285	2148	0	2566
8	16:00-17:00	163	242	2368	1	2773
9	17:00-18:00	161	234	2320	2	2715
19310						

Perhitungan Nilai PCI Masing-Masing Segmen

1. STA 0+000-0+100

a. Mnghitung kerapatan

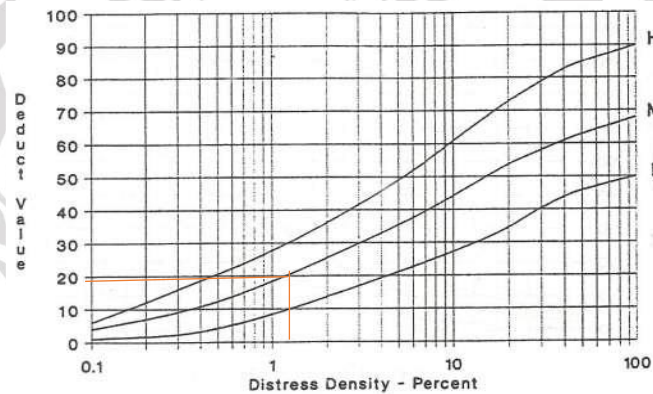
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{10}{600} \times 100 \\ &= 1,67\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5}{600} \times 100 \\ &= 0,1\%\end{aligned}$$

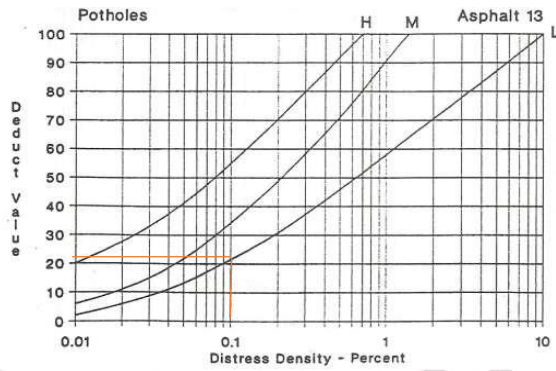
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{40}{600} \times 100 \\ &= 6,67\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

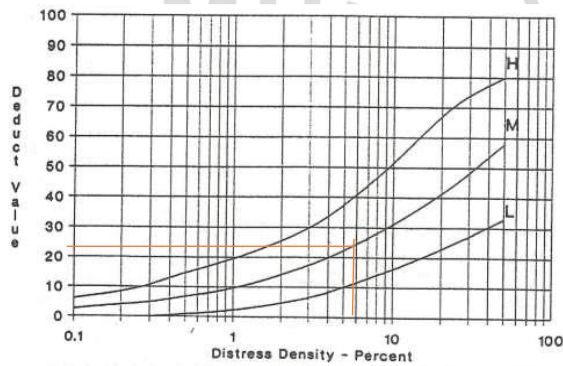


Deduct value = 19



Deduct value = 21

Tambalan



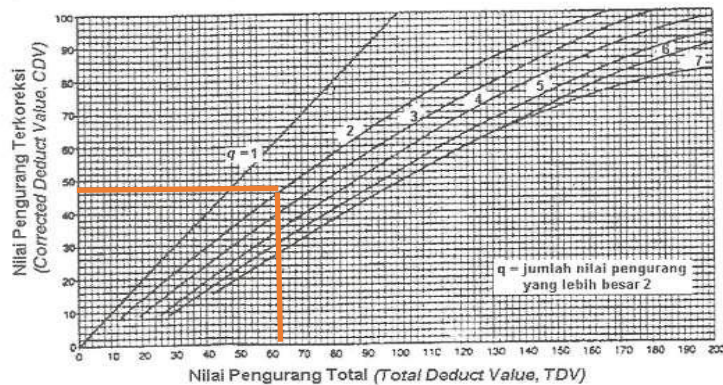
Deduct value = 22

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 8,16$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
19	21	22	62
21	22	62	2
22	62	2	48



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 48 \\ &= 52 \text{ (good)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

2. STA 0+100-0+200

a. Mnghitung kerapatan

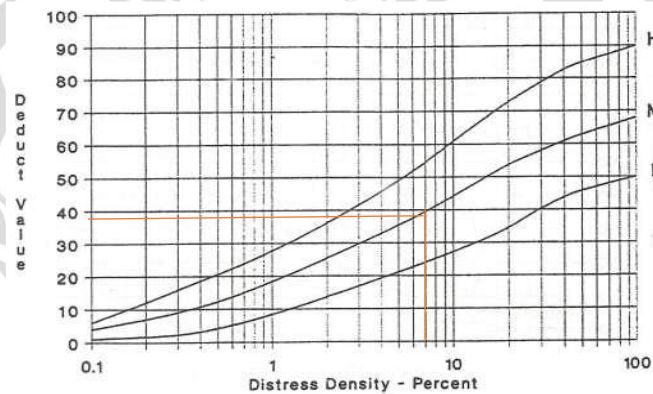
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{45}{600} \times 100 \\ &= 7,50\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5}{600} \times 100 \\ &= 0,83\%\end{aligned}$$

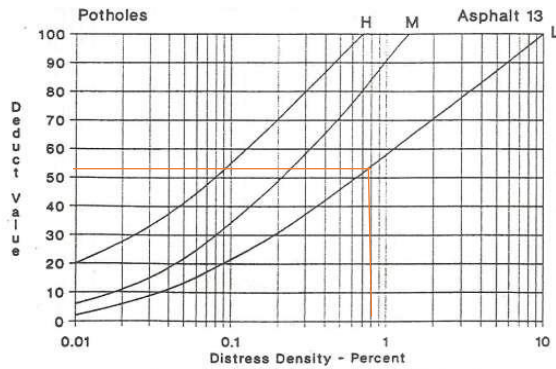
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{13}{600} \times 100 \\ &= 2,17\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

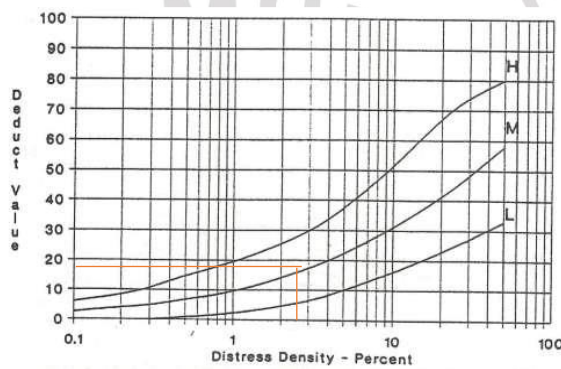


Deduct value = 39



Deduct value = 54

Tambalan



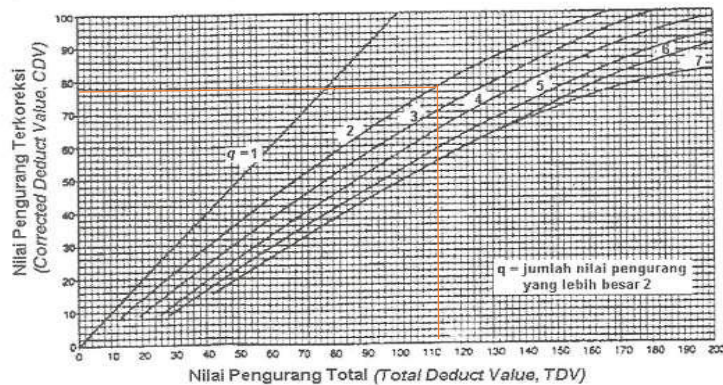
Deduct value = 18

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,22$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
39	54	18	111
		2	78



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 78 \\ &= 22 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

3. STA 0+200-0+300

a. Menghitung kerapatan

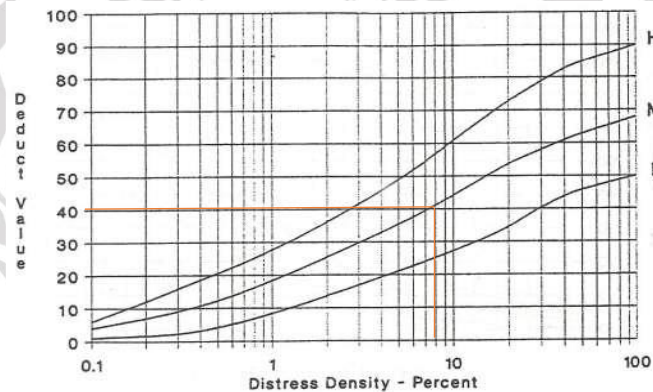
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{11}{600} \times 100 \\ &= 1,83\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5}{600} \times 100 \\ &= 0,83\%\end{aligned}$$

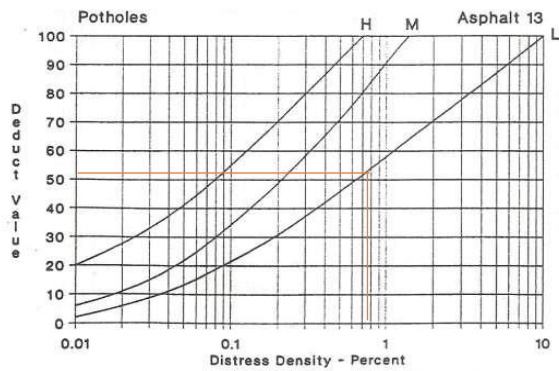
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{10}{600} \times 100 \\ &= 1,67\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

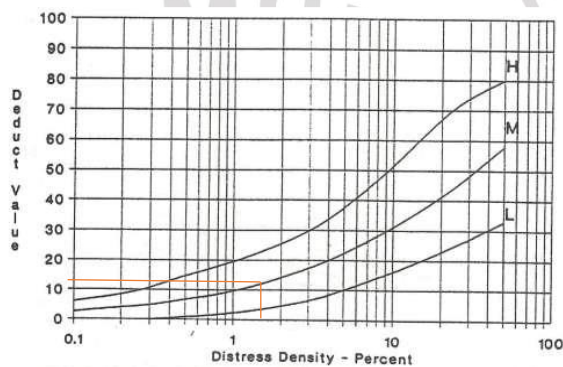


Deduct value = 40



Deduct value = 51

Tambalan



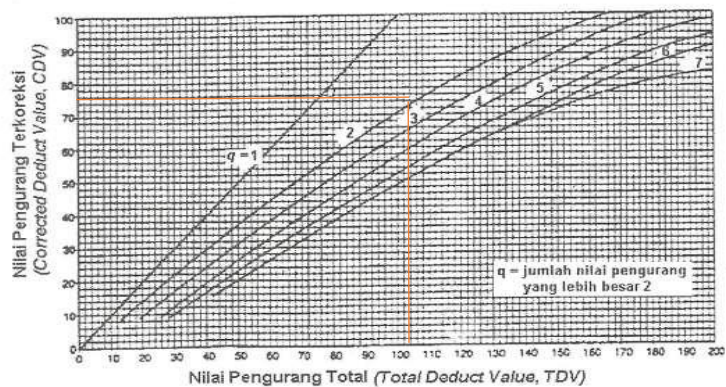
Deduct value = 12

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,5$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
40	51	12	103
		2	76



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 76 \\ &= 24 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

4. STA 0+300-0+400

a. Menghitung kerapatan

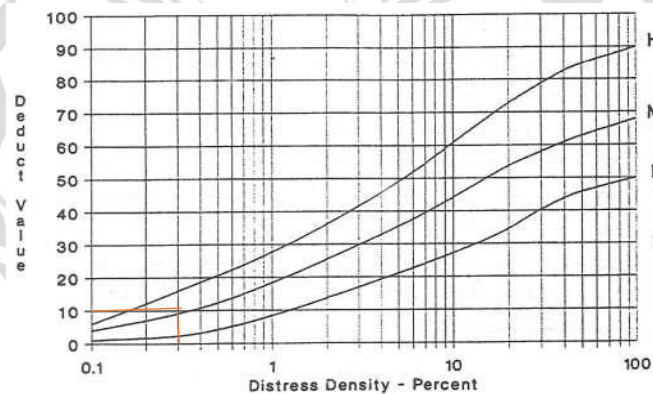
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{2}{600} \times 100 \\ &= 0,33\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{7,4}{600} \times 100 \\ &= 1,23\%\end{aligned}$$

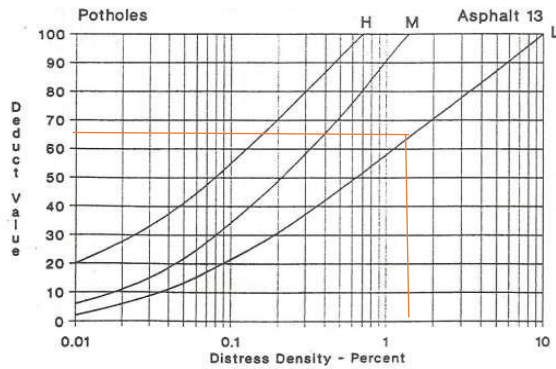
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{3,5}{600} \times 100 \\ &= 0,58\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

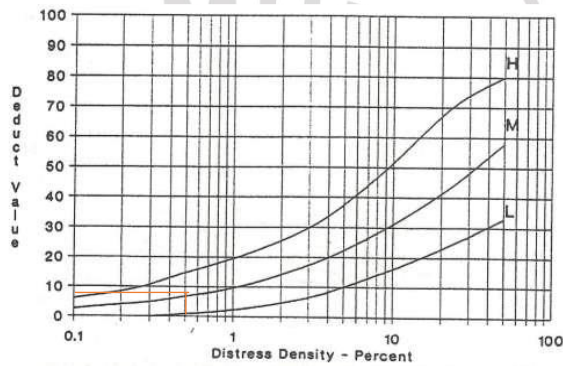


Deduct value = 10



Deduct value = 65

Tambalan



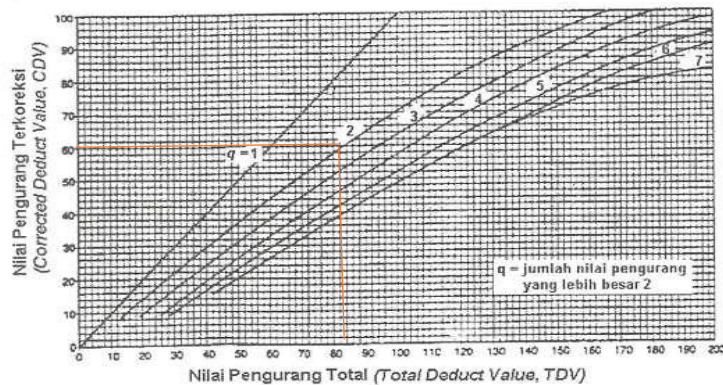
Deduct value = 8

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 4,21$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
10	65	8	82
65	8	2	60



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 60 \\ &= 40 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

5. STA 0+400-0+500

a. Menghitung kerapatan

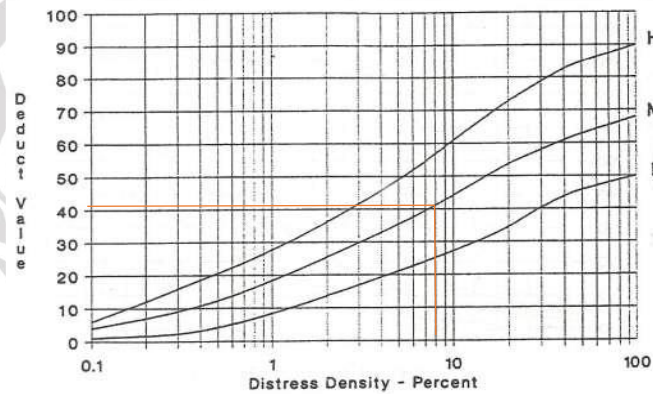
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{50}{600} \times 100 \\ &= 8,3\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5,9}{600} \times 100 \\ &= 0,98\%\end{aligned}$$

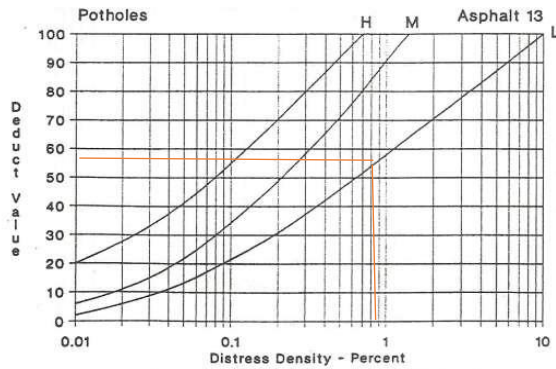
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{50,8}{600} \times 100 \\ &= 8,47\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

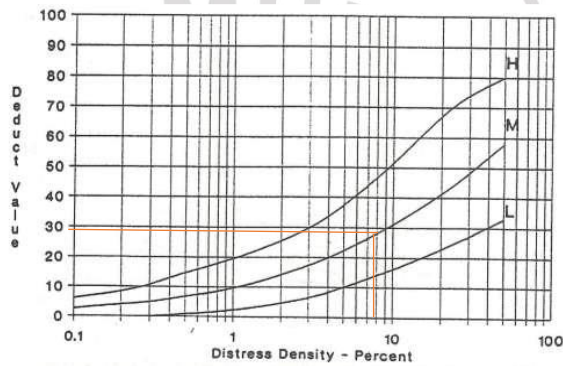


Deduct value = 40



Deduct value = 67

Tambalan



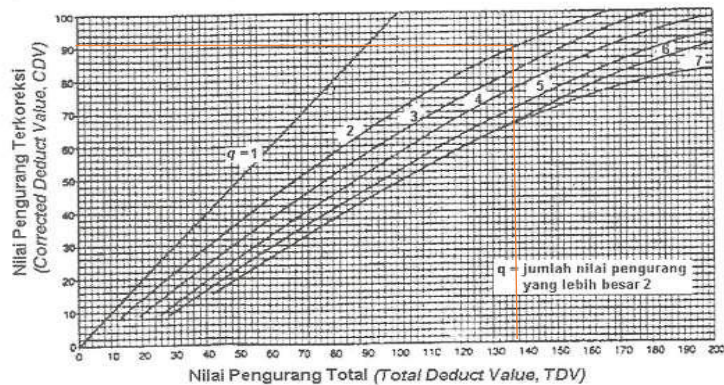
Deduct value = 29

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 4,03$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
40	67	29	136
			2
			92



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 92 \\ &= 8 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

6. STA 0+500-0+600

a. Mnghitung kerapatan

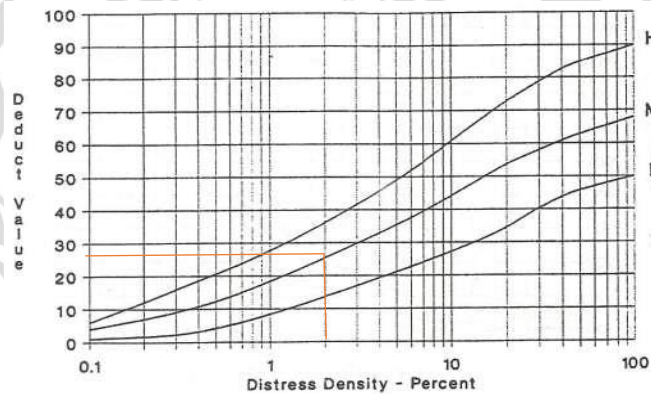
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{12}{600} \times 100 \\ &= 2\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{6}{600} \times 100 \\ &= 1\%\end{aligned}$$

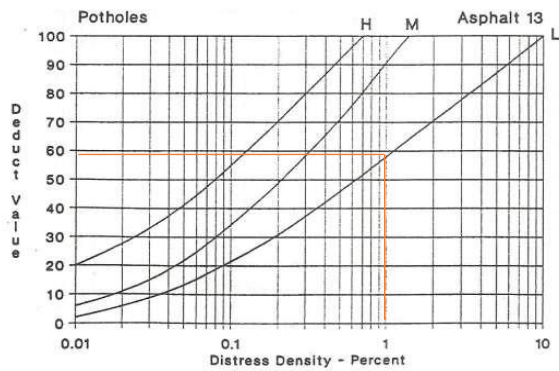
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{75}{600} \times 100 \\ &= 12,5\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

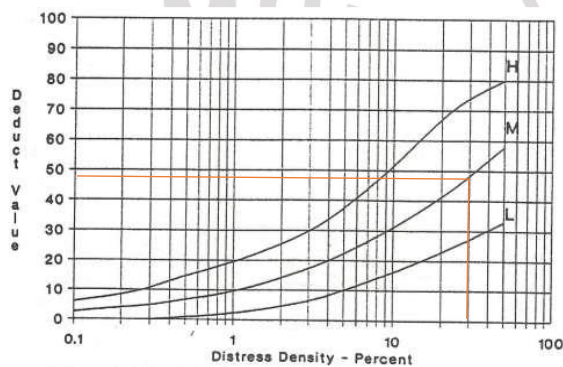


Deduct value = 26



Deduct value = 69

Tambalan



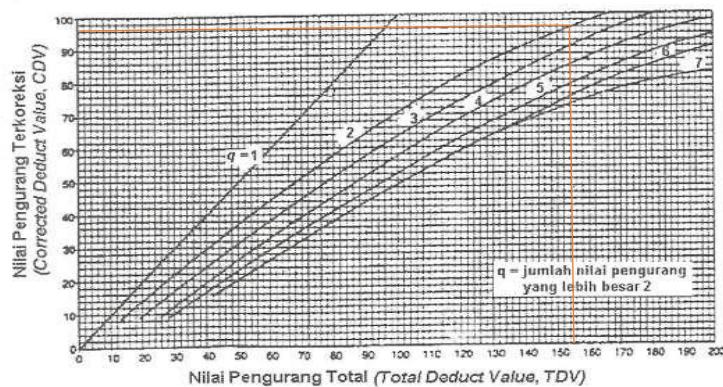
Deduct value = 59

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 3,84$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
26	69	59	154
2	2	98	



e. Nilai PCI

$$PCI = 100 - CDV_{maks}$$

$$= 100 - 98$$

$$= 2 \text{ (poor)}$$

Perhitungan Nilai PCI Masing-Masing Segmen

7. STA 0+600-0+700

a. Mnghitung kerapatan

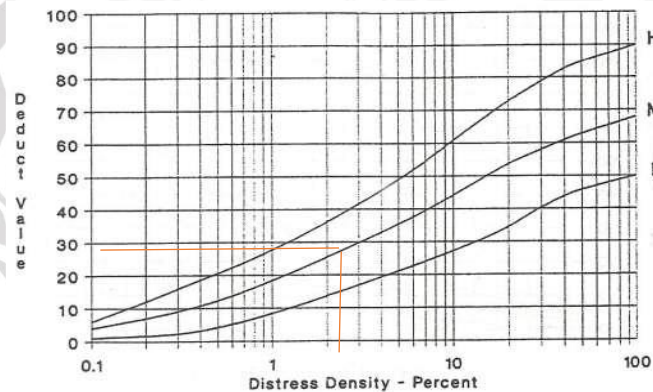
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{13}{600} \times 100 \\ &= 2,17\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{7}{600} \times 100 \\ &= 1,17\%\end{aligned}$$

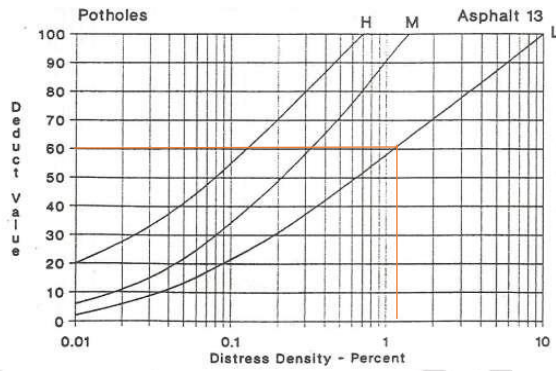
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{10}{600} \times 100 \\ &= 1,67\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

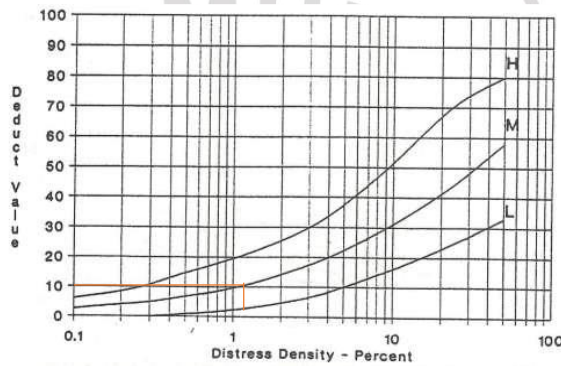


Deduct value = 29



Deduct value = 60

Tambalan



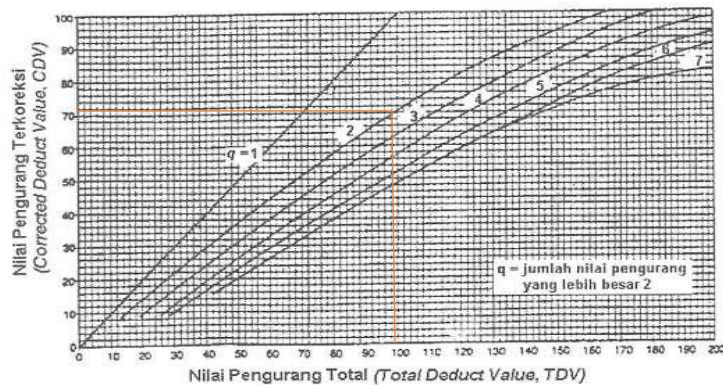
Deduct value = 10

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 4,67$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
29	60	10	99
60	10	99	2
10	99	2	71



e. Nilai PCI

$$PCI = 100 - CDVmaks$$

$$= 100 - 71$$

$$= 29 \text{ (poor)}$$

Perhitungan Nilai PCI Masing-Masing Segmen

8. STA 0+700-0+800

a. Mnghitung kerapatan

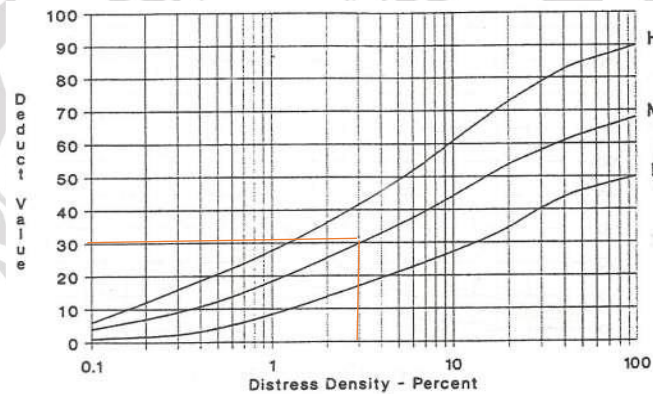
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{18}{600} \times 100 \\ &= 3\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5}{600} \times 100 \\ &= 0,83\%\end{aligned}$$

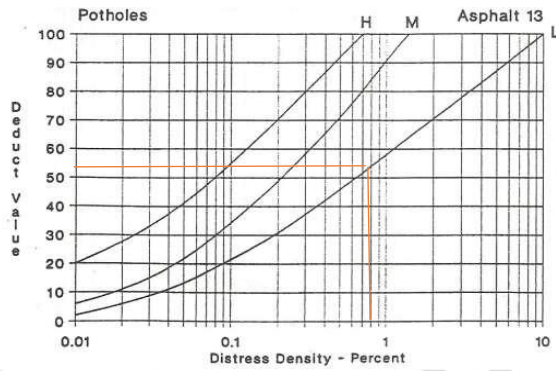
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{23}{600} \times 100 \\ &= 3,83\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

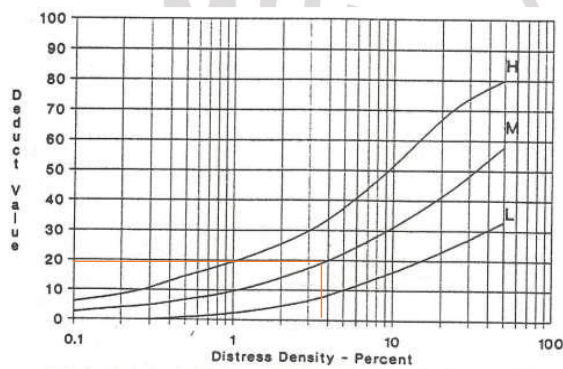


Deduct value = 30



Deduct value = 52

Tambalan



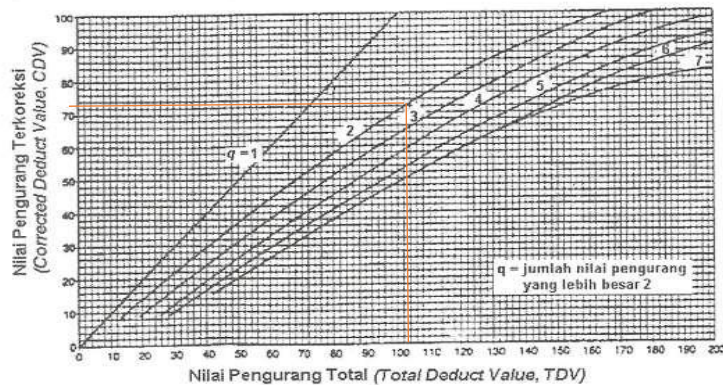
Deduct value = 29

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,4$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
30	52	29	111
			2
			72



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 72 \\ &= 38 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

9. STA 0+800-0+900

a. Mnghitung kerapatan

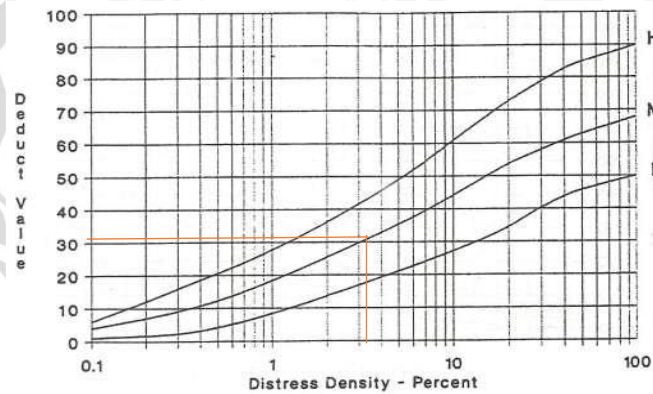
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{21}{600} \times 100 \\ &= 3,5\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{4}{600} \times 100 \\ &= 0,67\%\end{aligned}$$

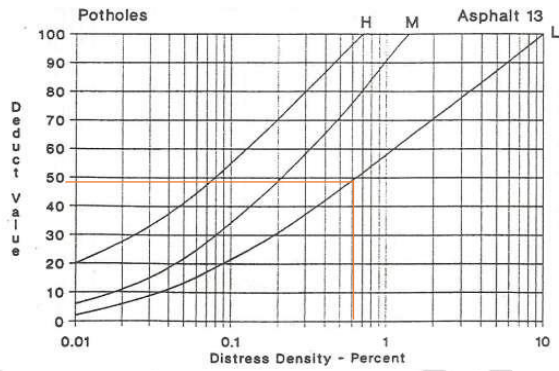
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{3}{600} \times 100 \\ &= 0,50\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

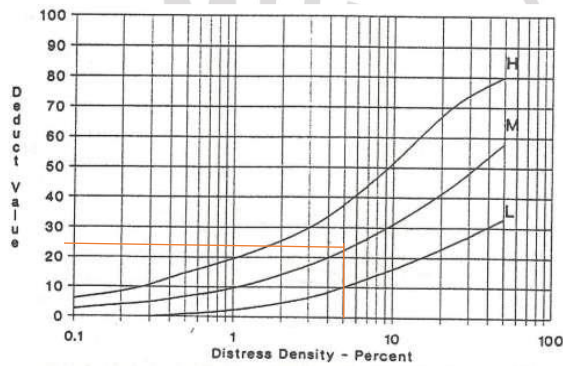


Deduct value = 30



Deduct value = 49

Tambalan



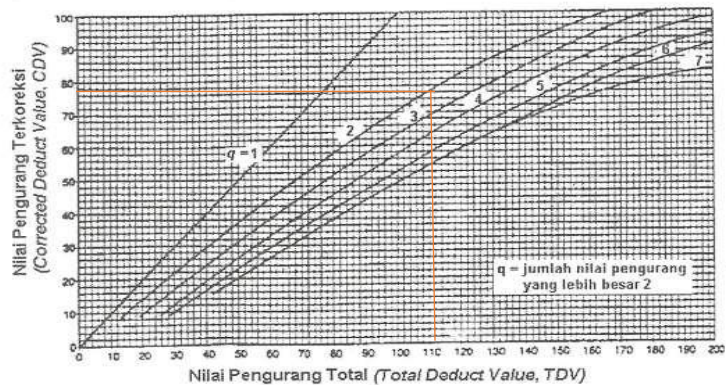
Deduct value = 22

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,6$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
30	49	22	111
			2
			79



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 79 \\ &= 21 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

10. STA 0+900-1+000

a. Mnghitung kerapatan

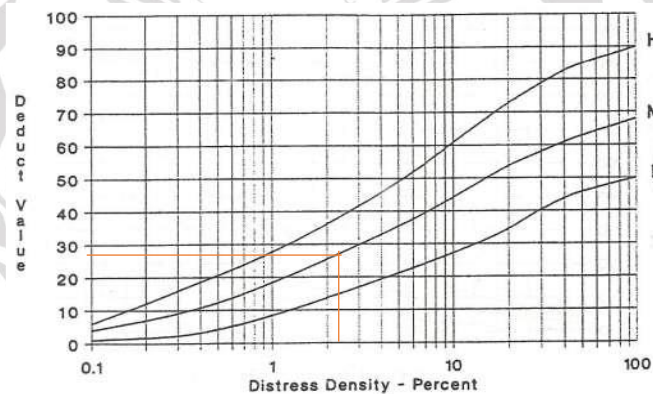
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{15}{600} \times 100 \\ &= 2,5\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{4}{600} \times 100 \\ &= 0,67\%\end{aligned}$$

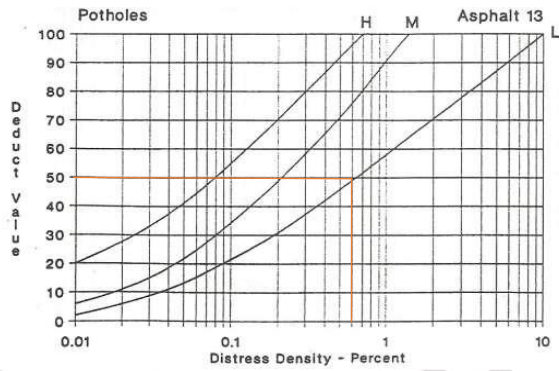
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{3}{600} \times 100 \\ &= 0,50\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

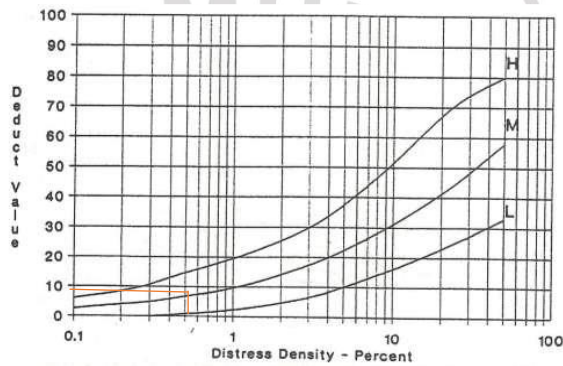


Deduct value = 29



Deduct value = 50

Tambalan



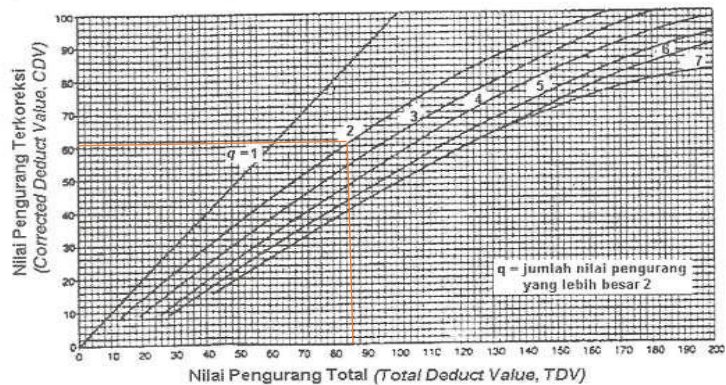
Deduct value = 9

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,5$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value			TDV	q	CDV
29	50	9	88	2	60



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 60 \\ &= 40(\text{poor}) \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

11. STA 1+000-1+100

a. Mnghitung kerapatan

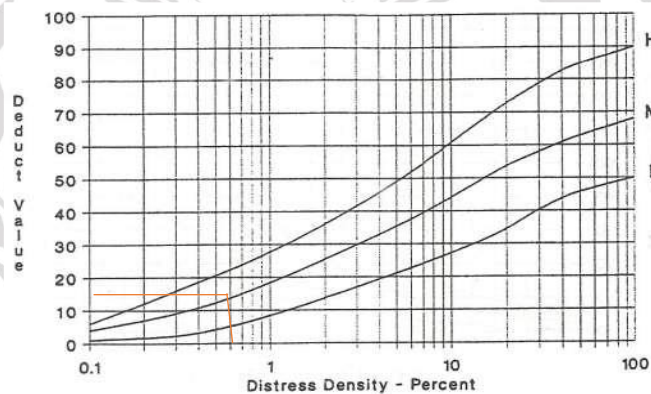
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{4}{600} \times 100 \\ &= 0,67\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{2}{600} \times 100 \\ &= 0,33\%\end{aligned}$$

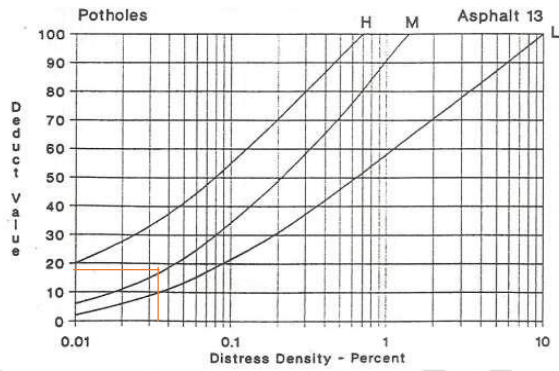
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{43}{600} \times 100 \\ &= 7,17\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

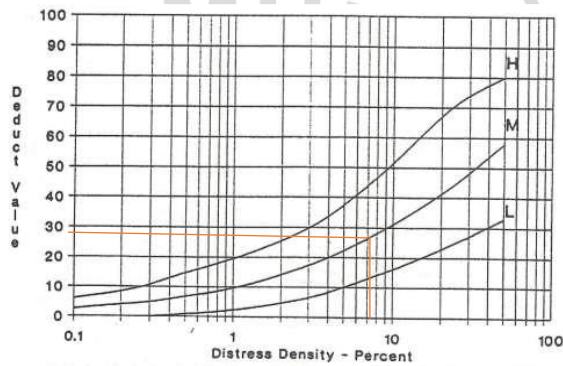


Deduct value = 15



Deduct value = 28

Tambalan



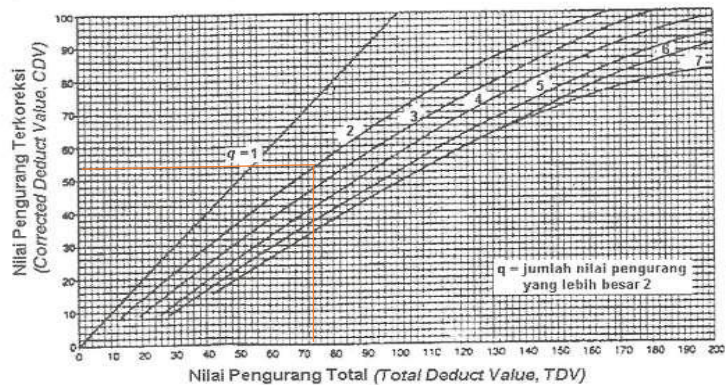
Deduct value = 29

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 7,52$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
15	28	29	72
			2
			50



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 50 \\ &= 50 \text{ (good)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

12. STA 1+100-1+200

a. Mnghitung kerapatan

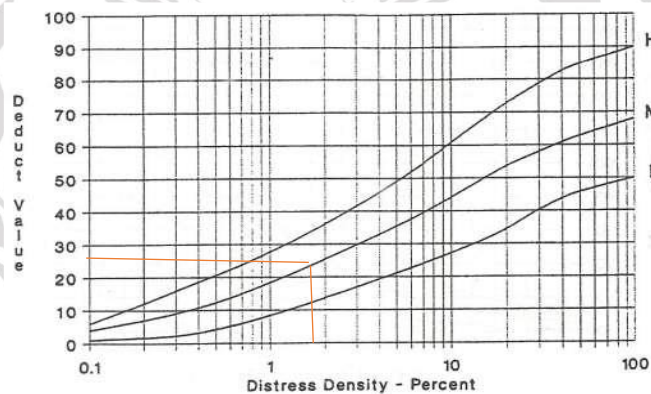
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{11}{600} \times 100 \\ &= 1,83\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{6}{600} \times 100 \\ &= 1\%\end{aligned}$$

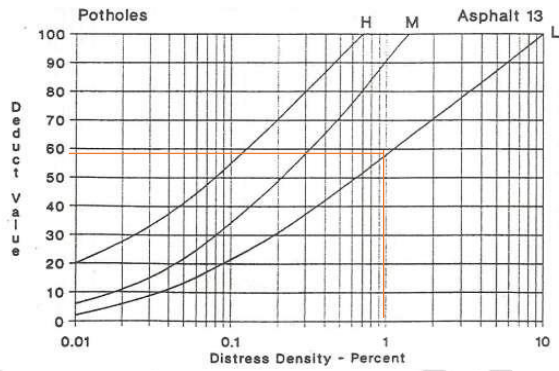
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{38}{600} \times 100 \\ &= 6,33\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

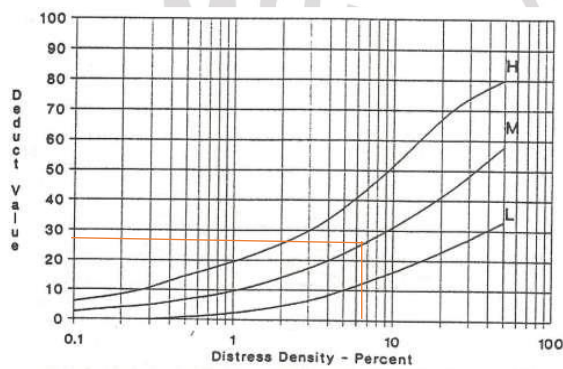


Deduct value = 26



Deduct value = 59

Tambalan



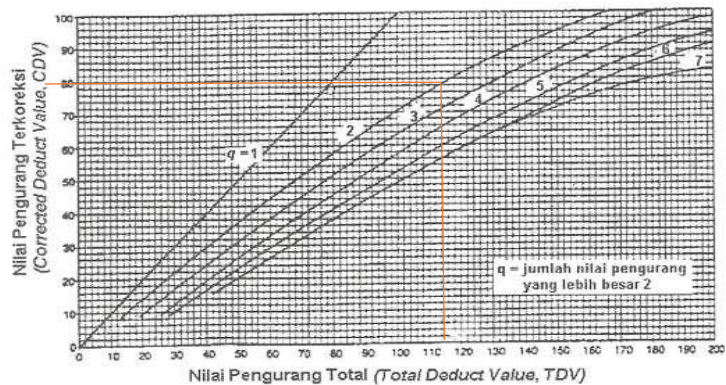
Deduct value = 28

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 4,7$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
26	59	28	113
		2	20



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 80 \\ &= 20 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

13. STA 1+200-1+300

a. Mnghitung kerapatan

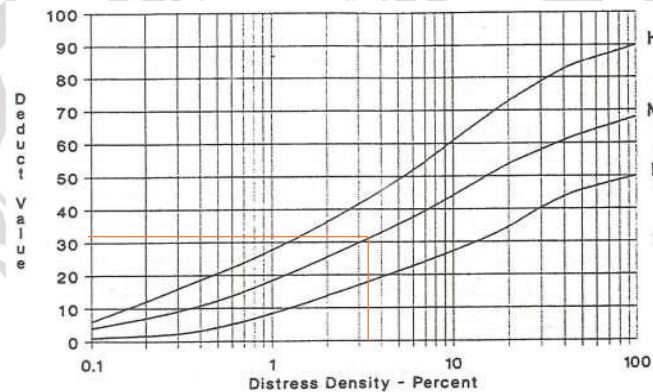
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{20}{600} \times 100 \\ &= 3,33\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5}{600} \times 100 \\ &= 0,83\%\end{aligned}$$

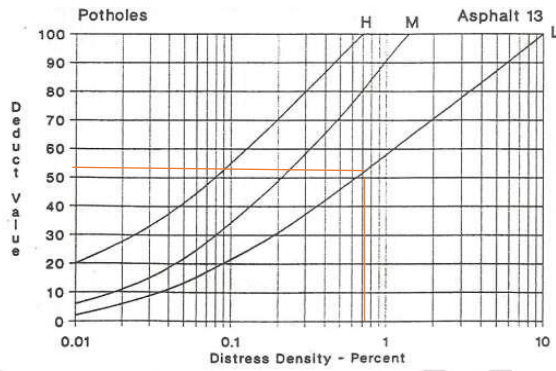
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{11}{600} \times 100 \\ &= 1,83\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

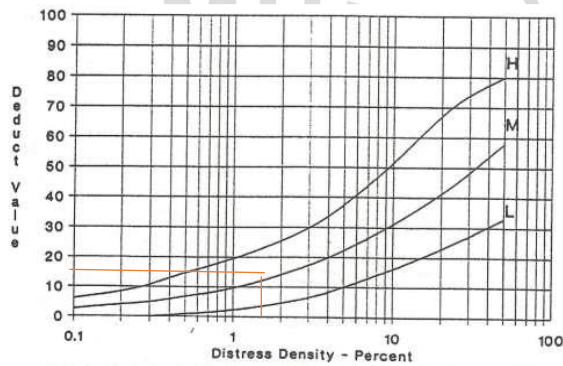


Deduct value = 31



Deduct value = 52

Tambalan



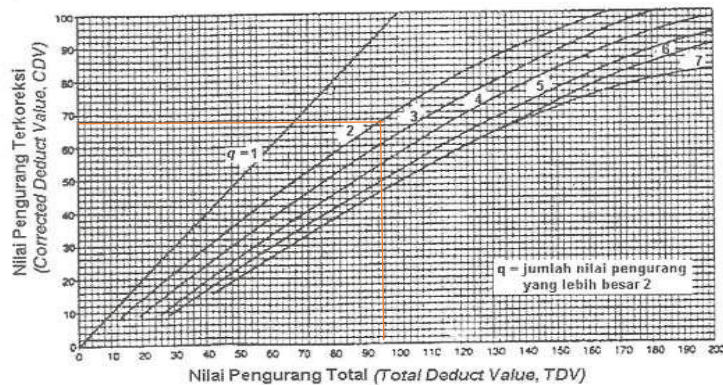
Deduct value = 12

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,4$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
31	52	12	95
52	12	2	68



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 68 \\ &= 32 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

14. STA 1+300-1+400

a. Mnghitung kerapatan

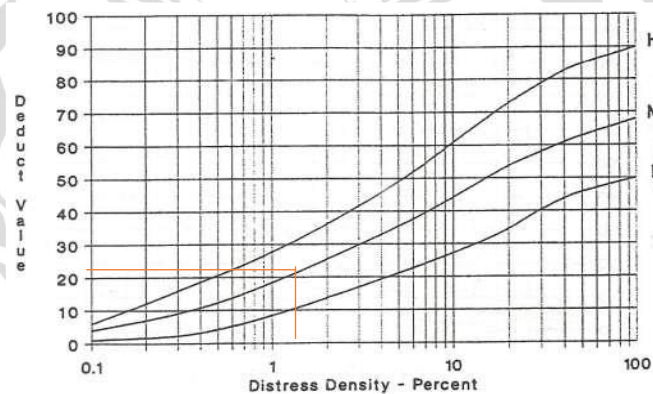
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{9}{600} \times 100 \\ &= 1,5\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{2}{600} \times 100 \\ &= 0,33\%\end{aligned}$$

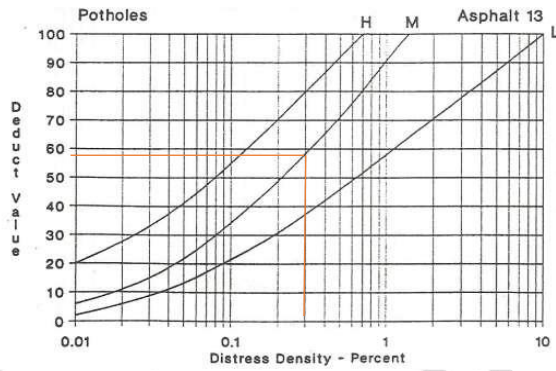
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{23}{600} \times 100 \\ &= 3,83\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

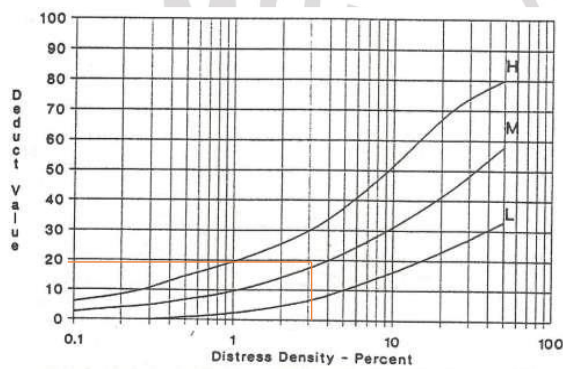


Deduct value = 21



Deduct value = 58

Tambalan



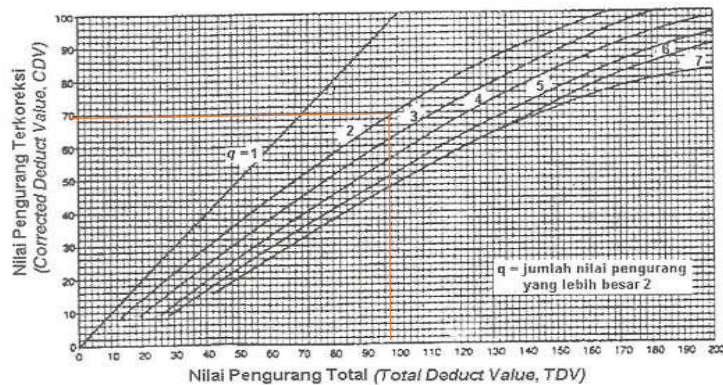
Deduct value = 19

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 4,8$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
21	58	19	98
58	19	98	2
19	98	2	79



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 79 \\ &= 21 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

15. STA 1+400-1+500

a. Mnghitung kerapatan

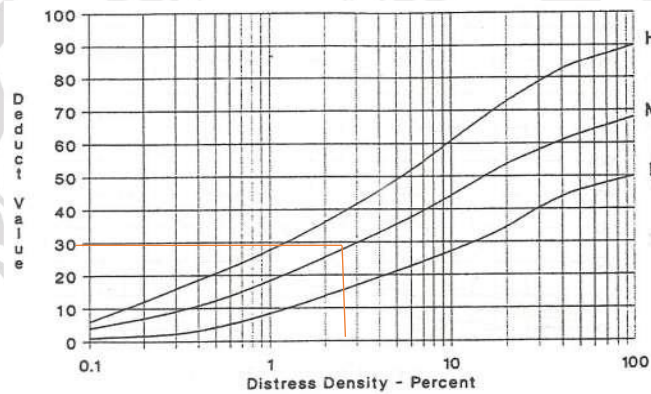
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{13}{600} \times 100 \\ &= 2,17\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{2}{600} \times 100 \\ &= 0,33\%\end{aligned}$$

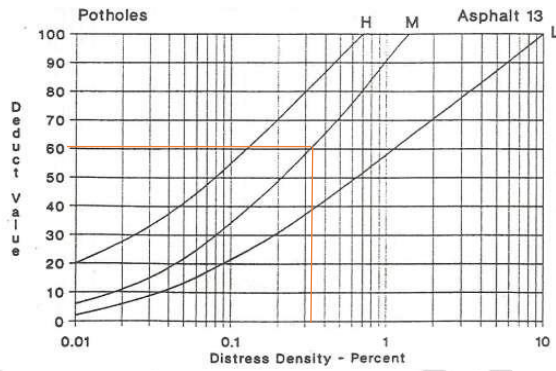
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{23}{600} \times 100 \\ &= 3,83\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

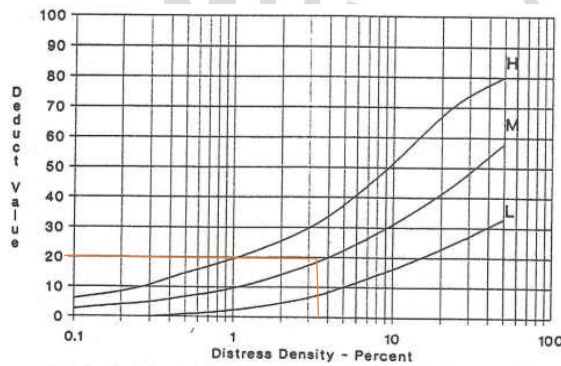


Deduct value = 29



Deduct value = 60

Tambalan



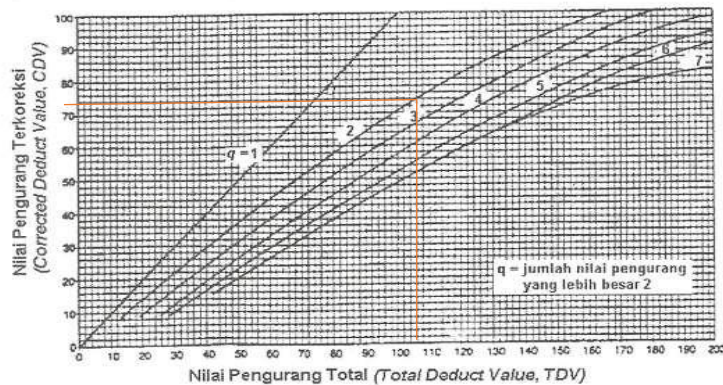
Deduct value = 20

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 4,6$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
29	60	20	109
60		2	72



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 72 \\ &= 28 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

16. STA 1+500-1+600

a. Mnghitung kerapatan

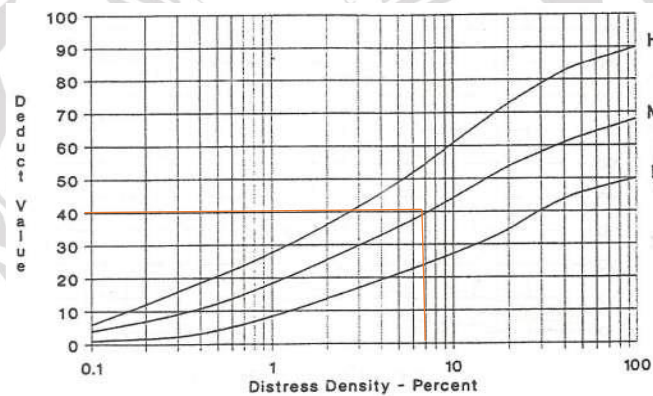
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{43}{600} \times 100 \\ &= 7,17\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5}{600} \times 100 \\ &= 0,83\%\end{aligned}$$

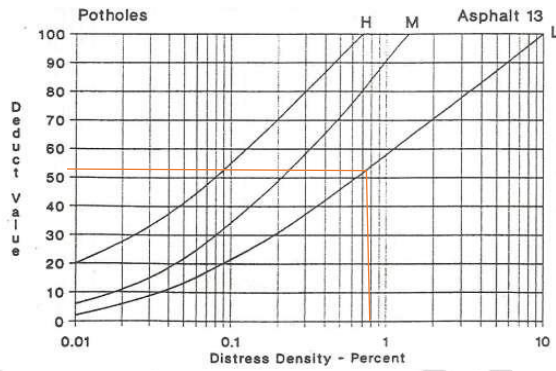
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{20}{600} \times 100 \\ &= 3,33\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

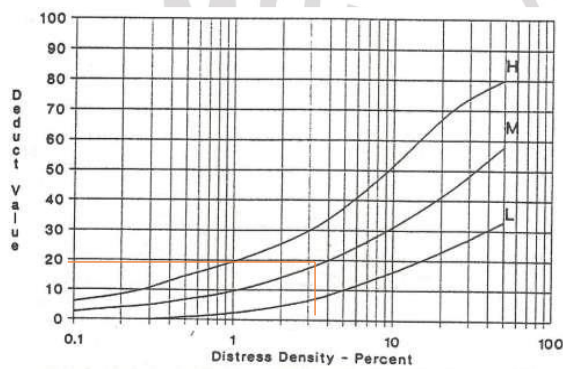


Deduct value = 40



Deduct value = 51

Tambalan



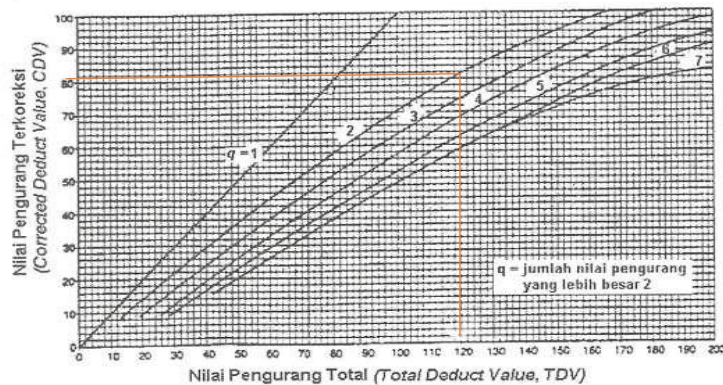
Deduct value = 29

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,5$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
40	51	29	120
			2
			80



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 80 \\ &= 20 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

17. STA 1+600-1+700

a. Mnghitung kerapatan

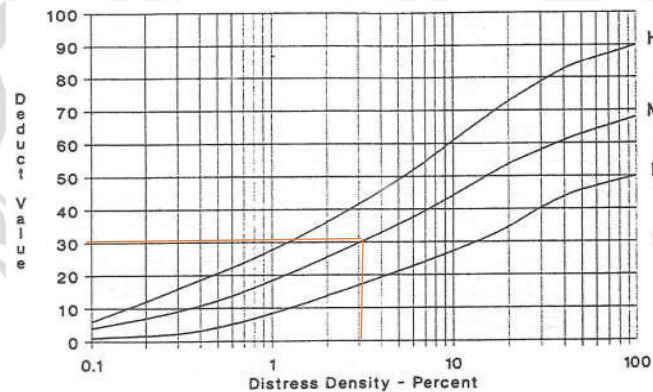
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{21}{600} \times 100 \\ &= 3,50\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{3}{600} \times 100 \\ &= 0,50\%\end{aligned}$$

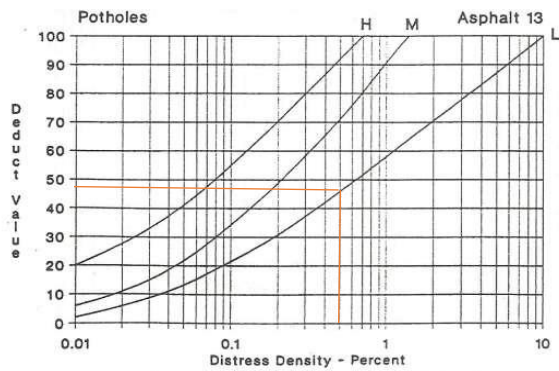
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{4}{600} \times 100 \\ &= 0,67\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

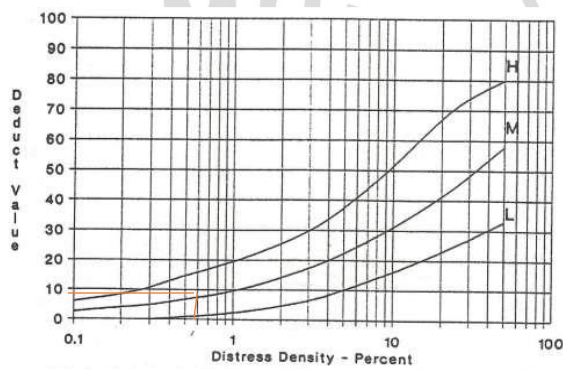


Deduct value = 30



Deduct value = 48

Tambalan



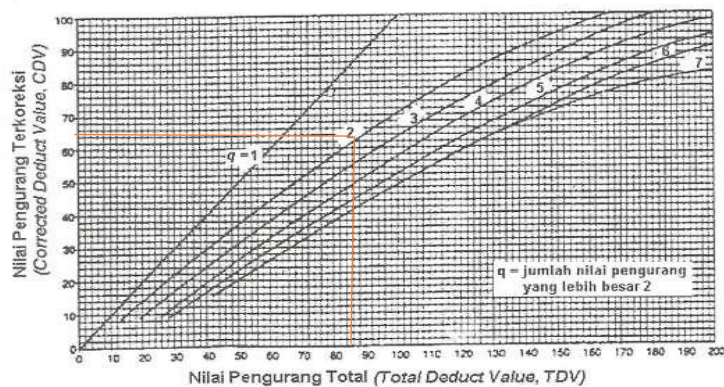
Deduct value = 9

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,7$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value			TDV	q	CDV
30	48	9	87	2	64



e. Nilai PCI

$$PCI = 100 - CDV_{maks}$$

$$= 100 - 64$$

$$= 36 \text{ (poor)}$$

Perhitungan Nilai PCI Masing-Masing Segmen

18. STA 1+700-1+800

a. Mnghitung kerapatan

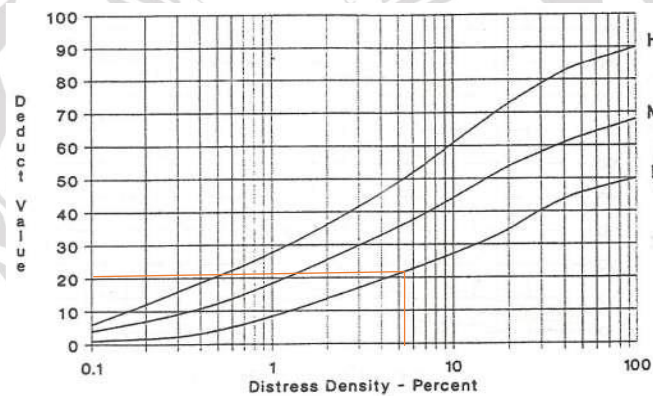
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{31}{600} \times 100 \\ &= 5,71\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5}{600} \times 100 \\ &= 0,50\%\end{aligned}$$

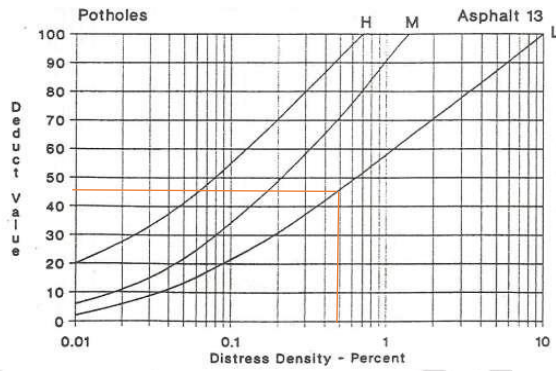
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{26}{600} \times 100 \\ &= 4,33\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

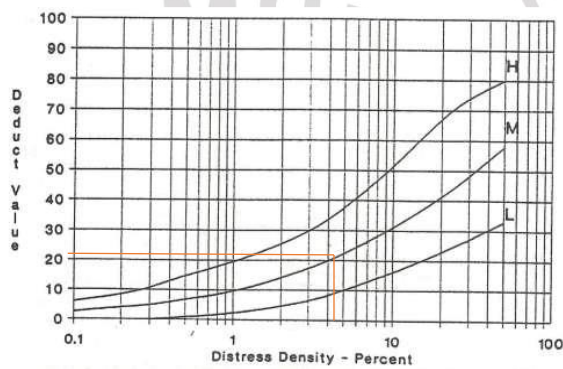


Deduct value = 20



Deduct value = 45

Tambalan



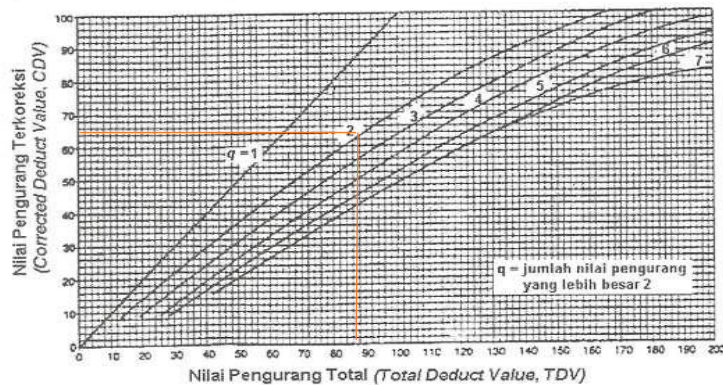
Deduct value = 21

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 6$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
20	45	21	86
20	45	21	2
20	45	21	65



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 65 \\ &= 35 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

19. STA 1+800-1+900

a. Mnghitung kerapatan

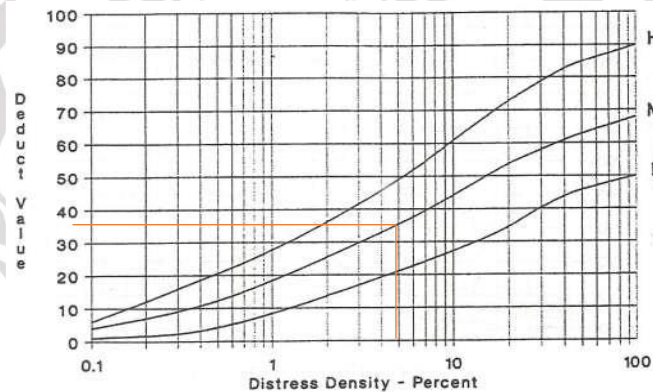
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{30}{600} \times 100 \\ &= 5\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5}{600} \times 100 \\ &= 0,83\%\end{aligned}$$

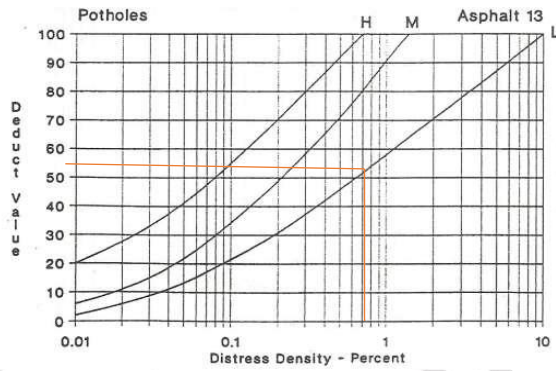
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{4}{600} \times 100 \\ &= 0,67\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

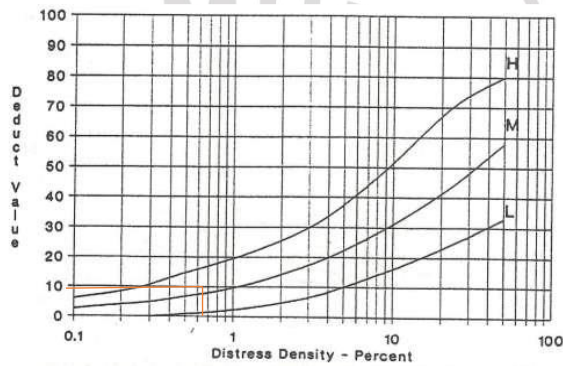


Deduct value = 45



Deduct value = 53

Tambalan



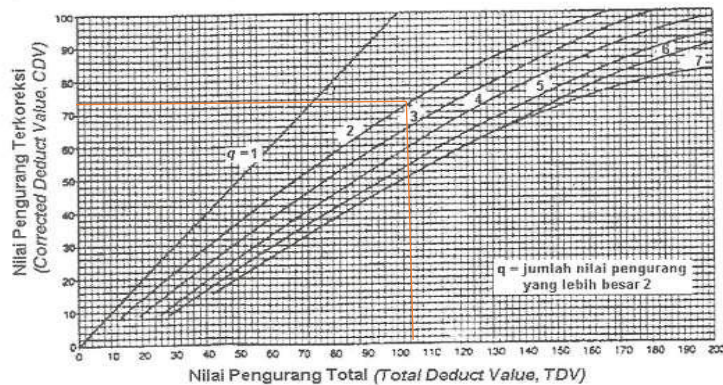
Deduct value = 9

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = ?$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
45	53	9	107
		2	73



e. Nilai PCI

$$PCI = 100 - CDV_{maks} = 100 - 73 = 27 \text{ (poor)}$$

Perhitungan Nilai PCI Masing-Masing Segmen

20. STA 1+900-2+000

a. Mnghitung kerapatan

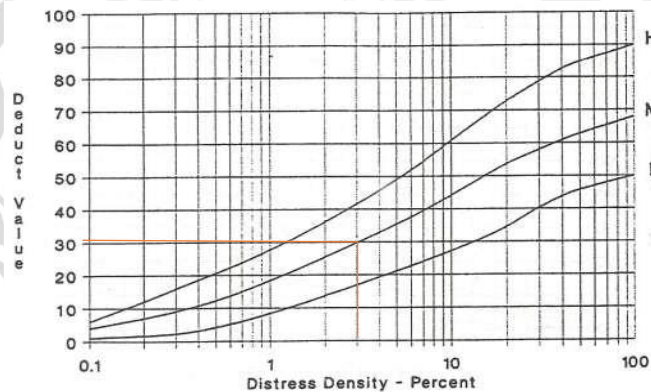
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{21}{600} \times 100 \\ &= 3,50\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{3}{600} \times 100 \\ &= 0,5\%\end{aligned}$$

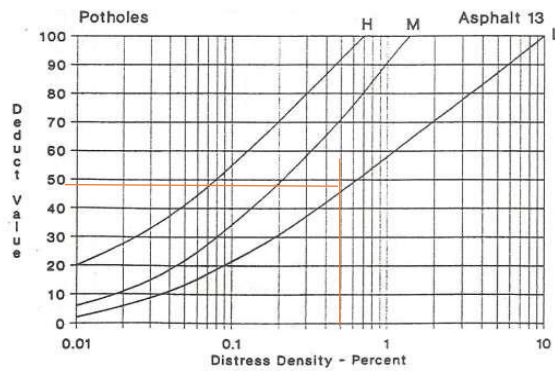
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{6}{600} \times 100 \\ &= 1\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

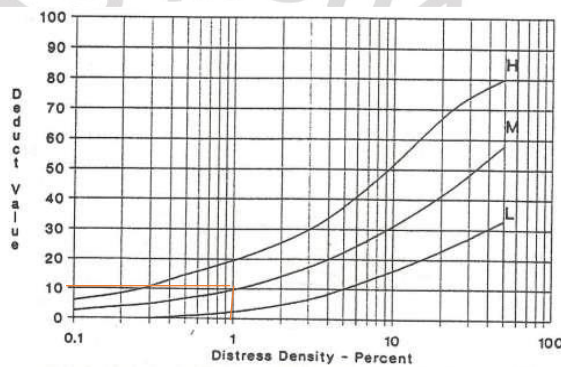


Deduct value = 30



Deduct value = 48

Tambalan



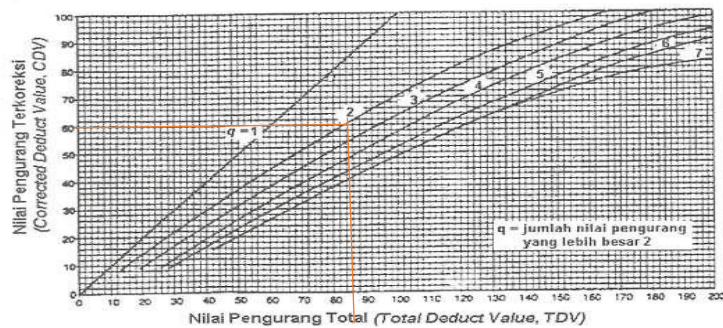
Deduct value = 10

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,7$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
30	48	10	88
48	10	88	2
10	88	2	62



e. Nilai PCI

$$PCI = 100 - CDV_{maks} = 100 - 62 = 48 \text{ (fair)}$$

Perhitungan Nilai PCI Masing-Masing Segmen

21. STA 2+000-2+100

a. Mnghitung kerapatan

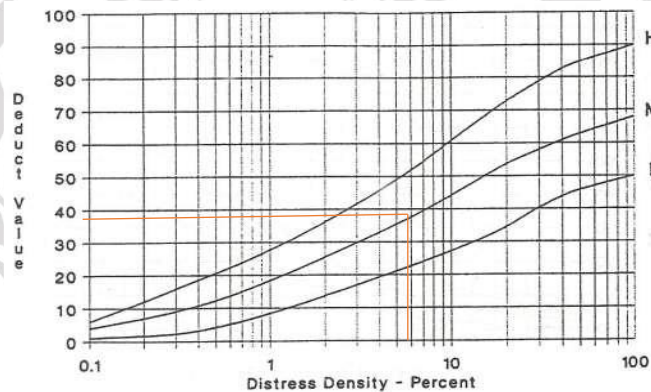
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{35}{600} \times 100 \\ &= 5,83\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{4}{600} \times 100 \\ &= 0,67\%\end{aligned}$$

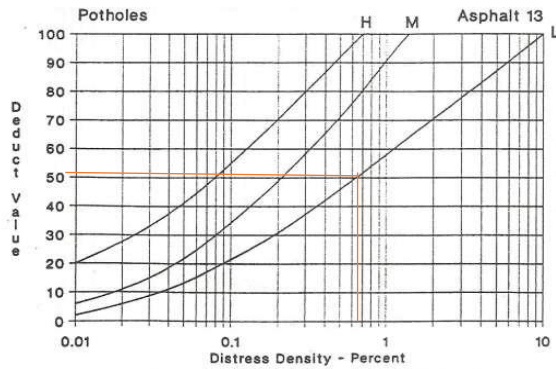
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{14}{600} \times 100 \\ &= 14\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

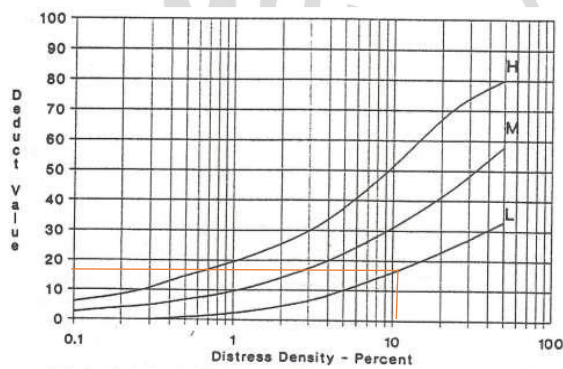


Deduct value = 38



Deduct value = 50

Tambalan



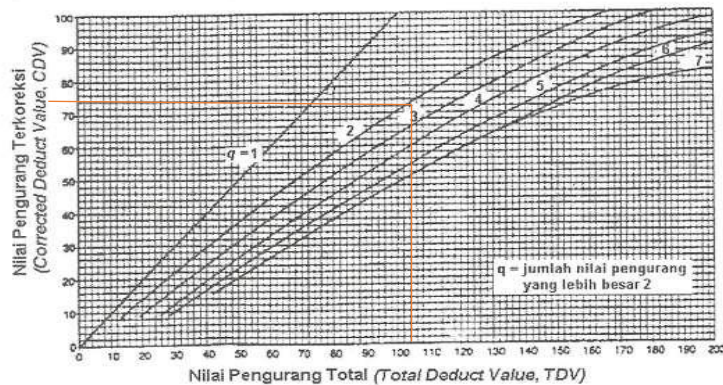
Deduct value = 18

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,59$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
38	50	18	106
50	106	2	73



e. Nilai PCI

$$PCI = 100 - CDV_{maks} = 100 - 73 = 27 \text{ (poor)}$$

Perhitungan Nilai PCI Masing-Masing Segmen

22. STA 2+100-2+200

a. Mnghitung kerapatan

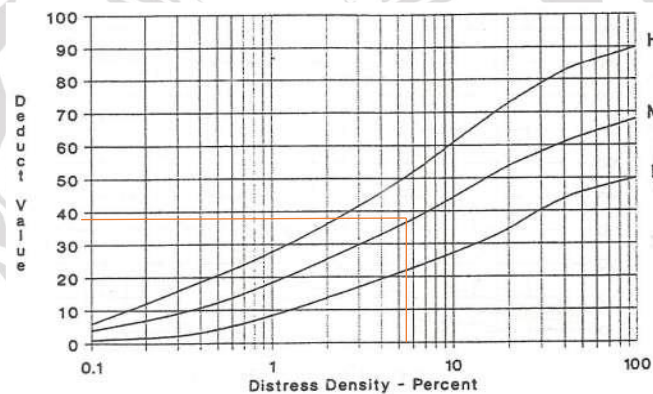
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{34}{600} \times 100 \\ &= 5,67\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{6}{600} \times 100 \\ &= 1\%\end{aligned}$$

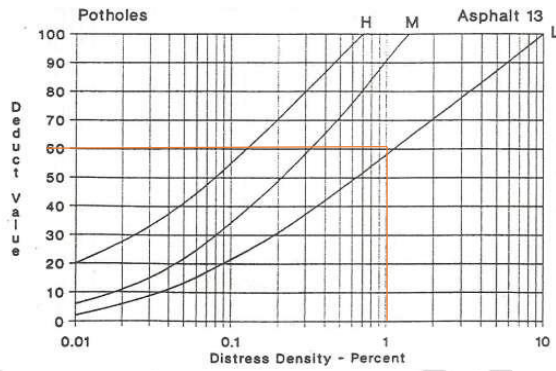
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{12}{600} \times 100 \\ &= 2\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

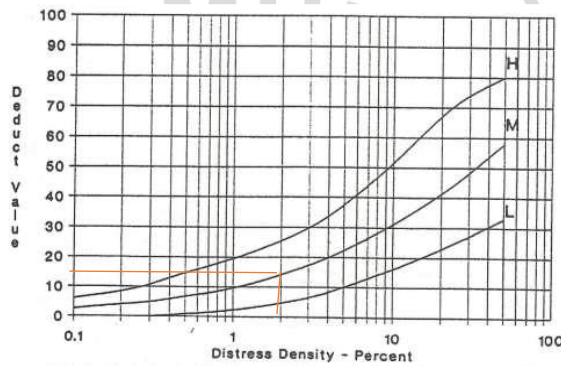


Deduct value = 38



Deduct value = 60

Tambalan



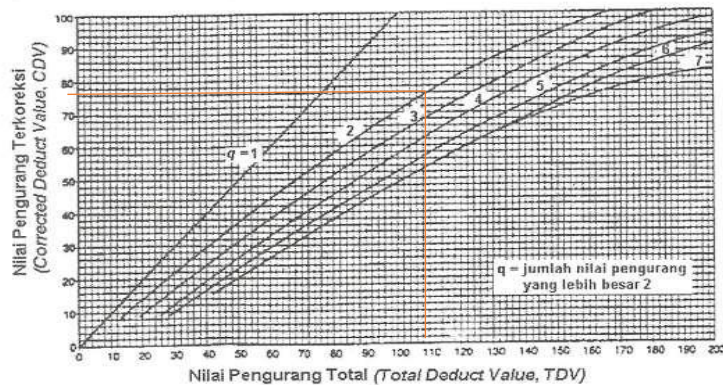
Deduct value = 12

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 4,6$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
38	60	12	76



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 76 \\ &= 24 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

23. STA 2+200-2+300

a. Mnghitung kerapatan

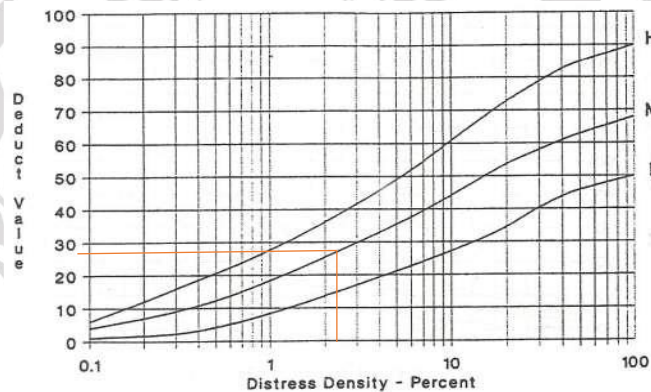
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{14}{600} \times 100 \\ &= 2,33\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{5}{600} \times 100 \\ &= 0,83\%\end{aligned}$$

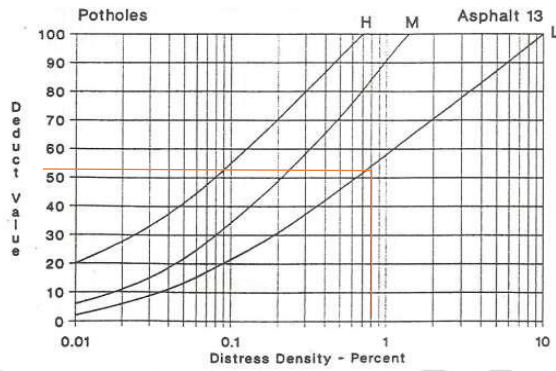
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{31}{600} \times 100 \\ &= 5,17\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

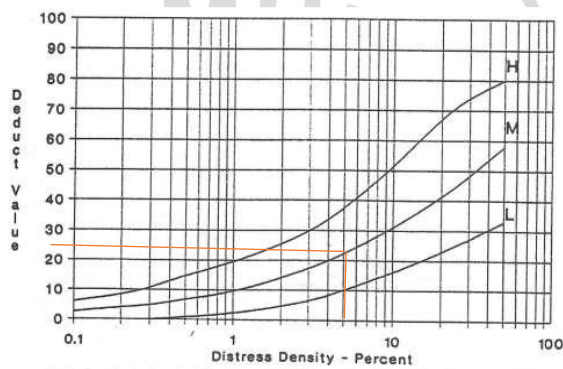


Deduct value = 27



Deduct value = 52

Tambalan



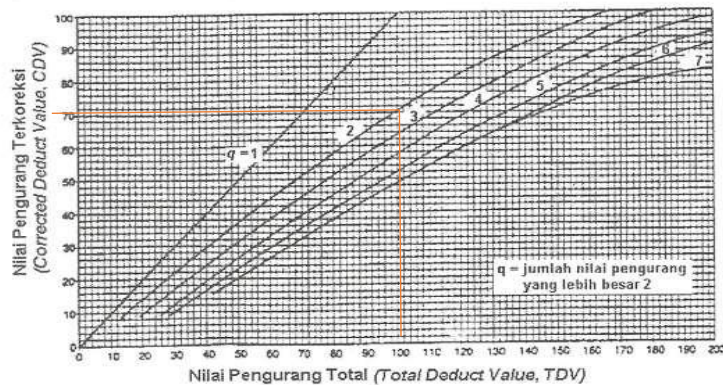
Deduct value = 22

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,4$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value	TDV	q	CDV
27	52	22	101
			2
			70



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 70 \\ &= 30 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

24. STA 2+300-2+400

a. Mnghitung kerapatan

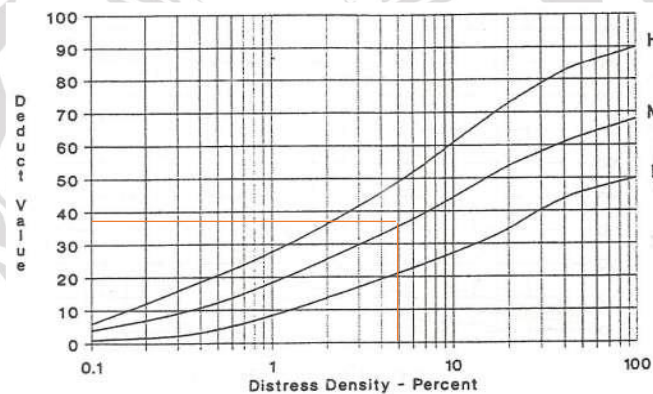
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{31}{600} \times 100 \\ &= 5,17\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{3}{600} \times 100 \\ &= 0,50\%\end{aligned}$$

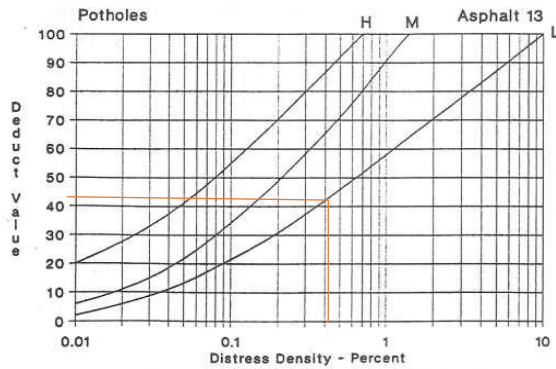
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{12}{600} \times 100 \\ &= 2\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

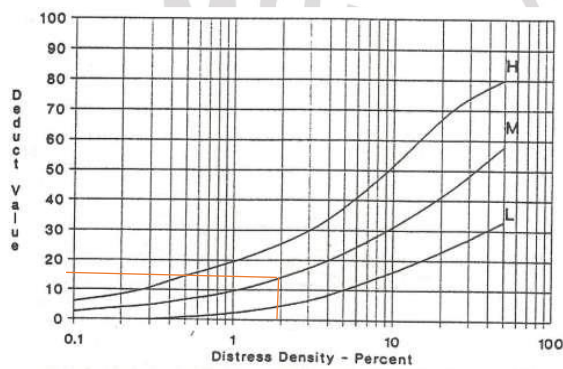


Deduct value = 48



Deduct value = 41

Tambalan



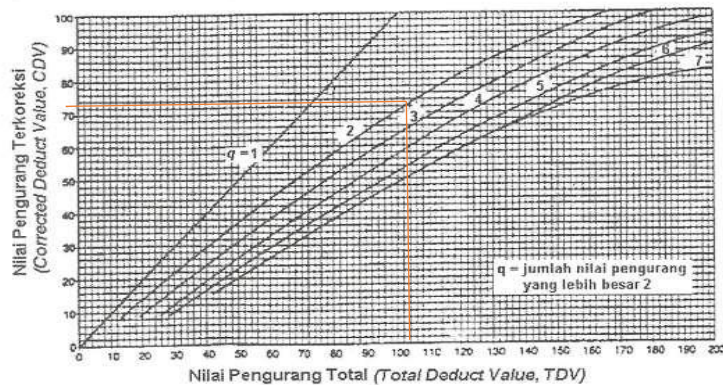
Deduct value = 15

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = 5,7$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value			TDV	q	CDV
48	41	15	104	2	72



e. Nilai PCI

$$\begin{aligned} \text{PCI} &= 100 - \text{CDVmaks} \\ &= 100 - 72 \\ &= 38 \text{ (poor)} \end{aligned}$$

Perhitungan Nilai PCI Masing-Masing Segmen

25. STA 2+400-2+500

a. Mnghitung kerapatan

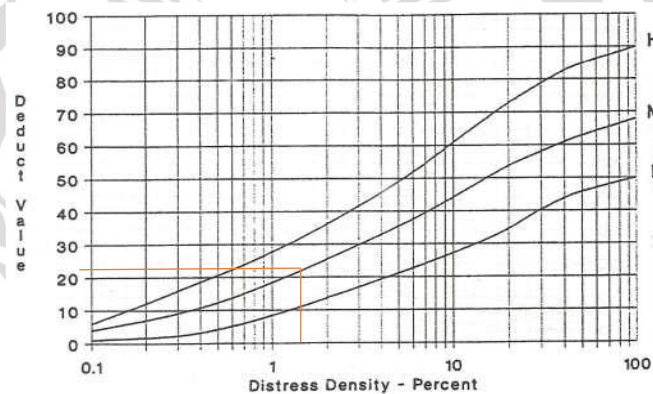
$$\begin{aligned}\text{Alur} &= \frac{Ad}{As} \times 100 \\ &= \frac{10}{600} \times 100 \\ &= 1,67\%\end{aligned}$$

$$\begin{aligned}\text{lubang} &= \frac{Ad}{As} \times 100 \\ &= \frac{4}{600} \times 100 \\ &= 0,67\%\end{aligned}$$

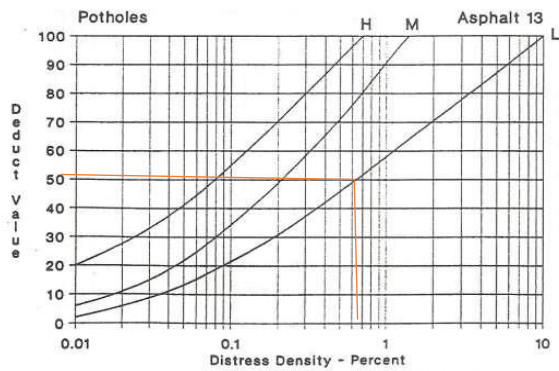
$$\begin{aligned}\text{tambalan} &= \frac{Ad}{As} \times 100 \\ &= \frac{40}{600} \times 100 \\ &= 6,67\%\end{aligned}$$

b. Menghitung nilai pengurang (*deduct value*)

Alur

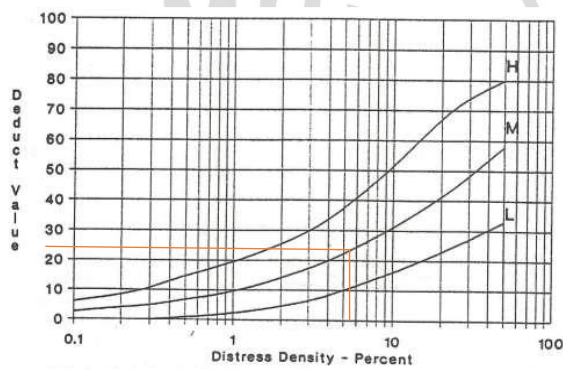


Deduct value = 21



Deduct value = 50

Tambalan



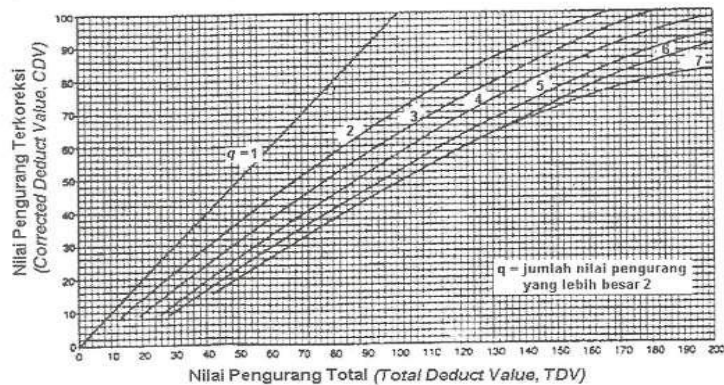
Deduct value = 23

c. Nilai ijin maksimum (m)

$$M = 1 + \frac{9}{98} \times (100 - HDVi) = ?$$

d. Menentukan nilai pengurang terkoreksi maksimum (CDV)

Deduct value			TDV	q	CDV
19	8	2	44	3	50

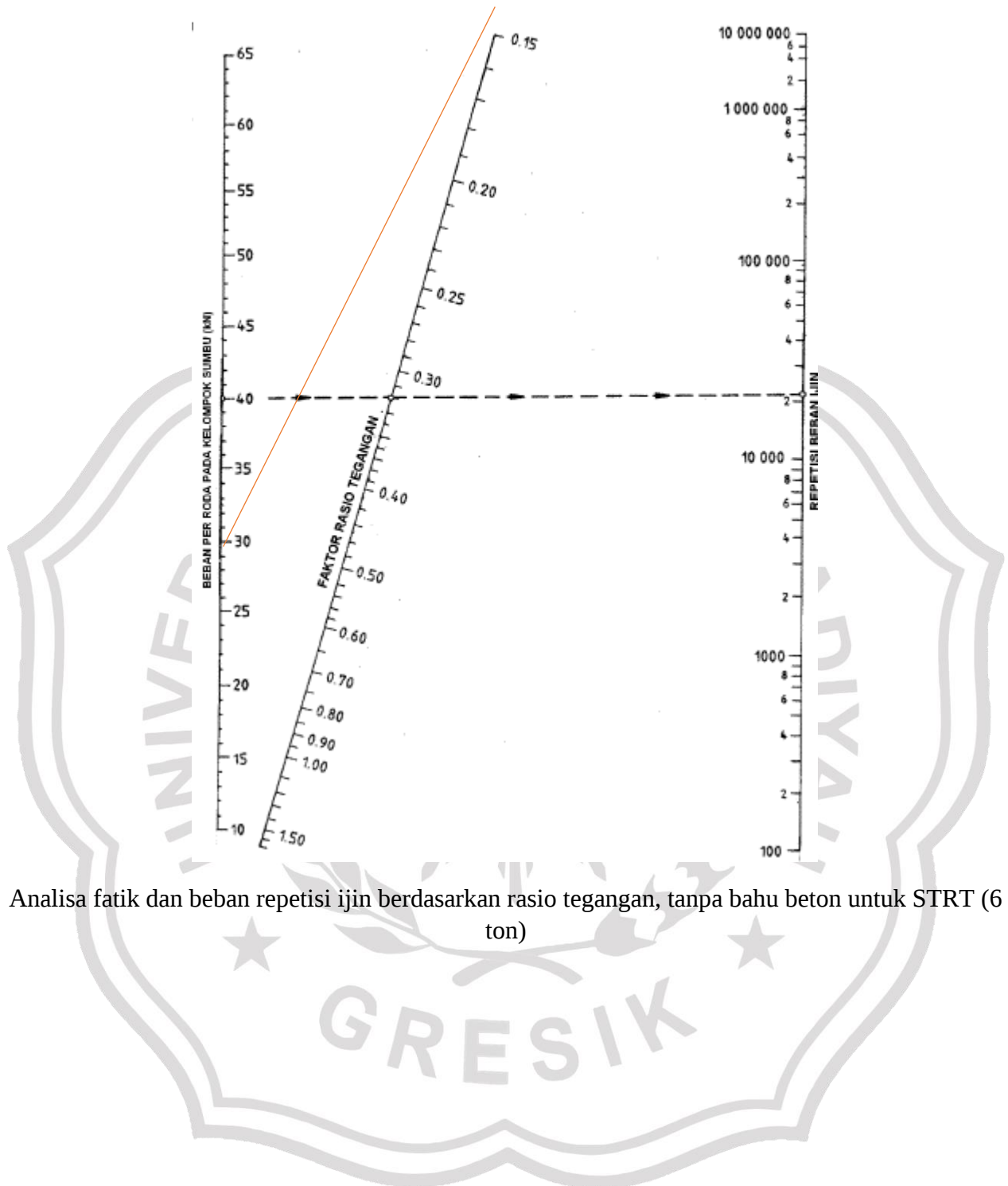


e. Nilai PCI

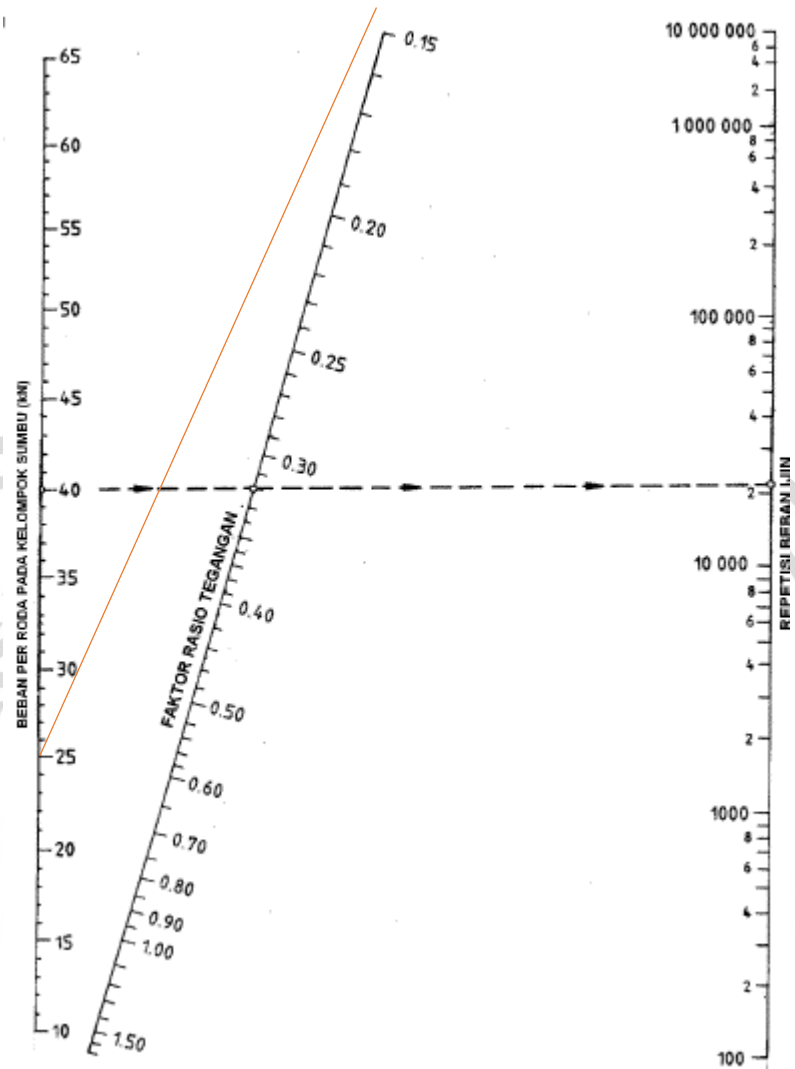
$$PCI = 100 - CDV_{maks}$$

$$= 100 - 50$$

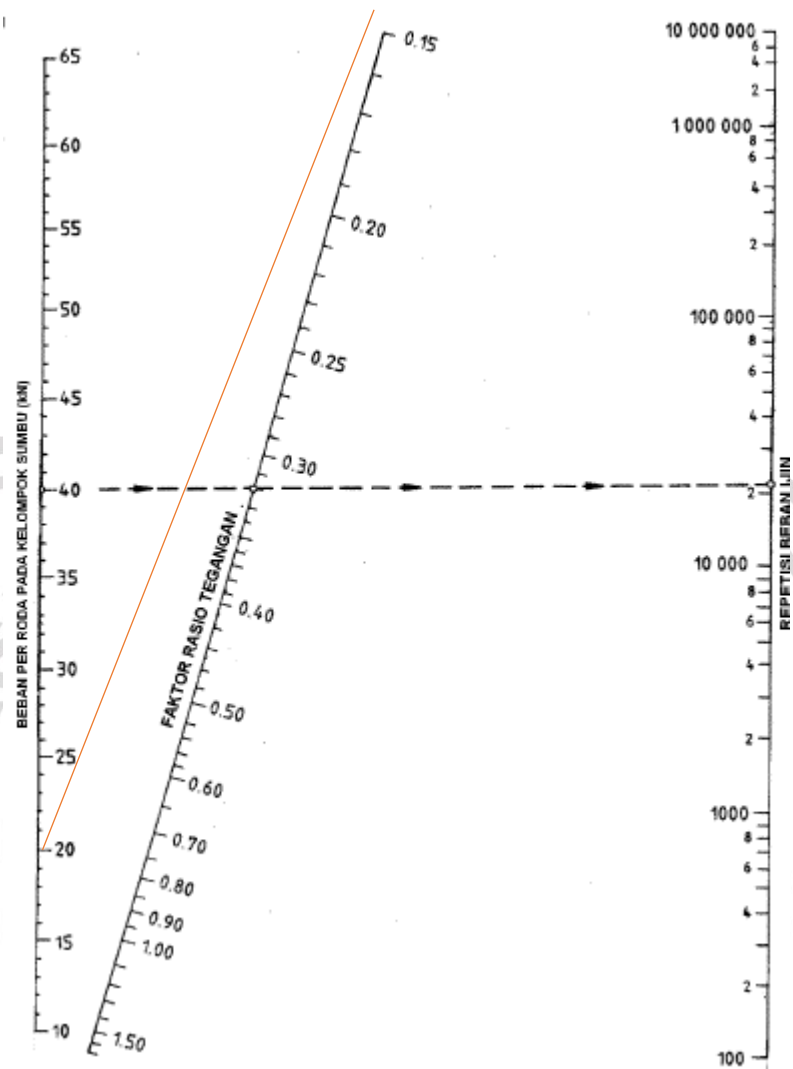
$$= 50 \text{ (fair)}$$



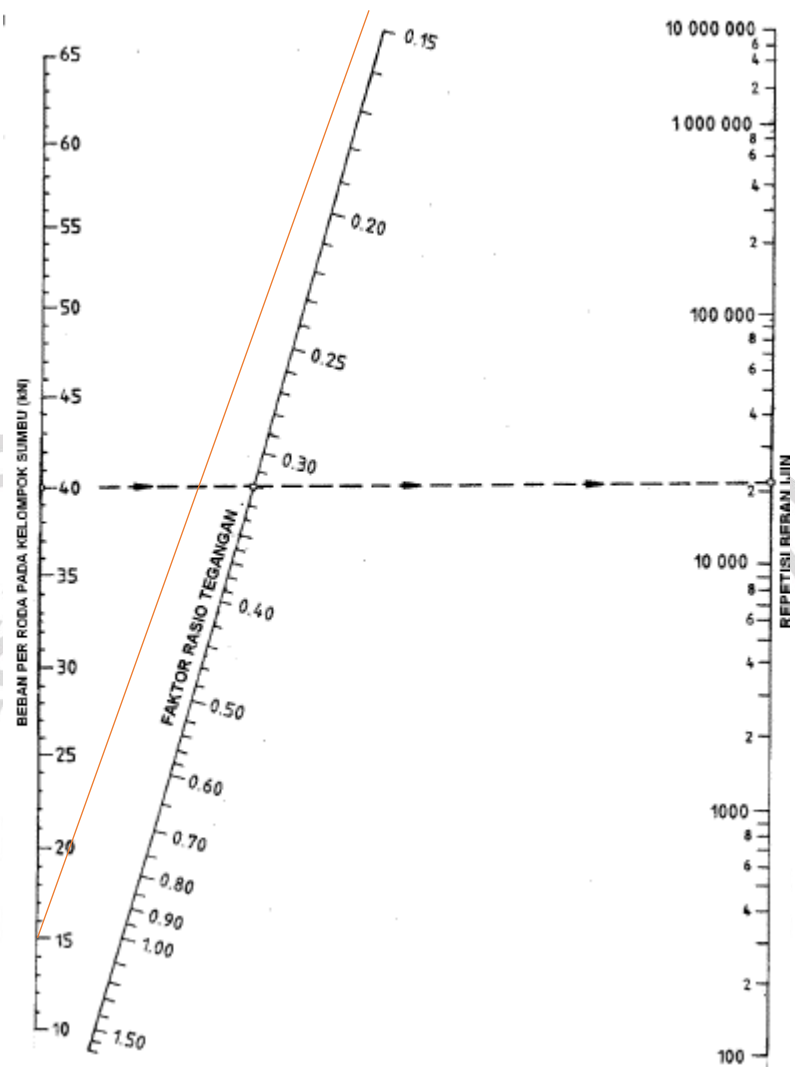
Analisa fatik dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRT (6 ton)



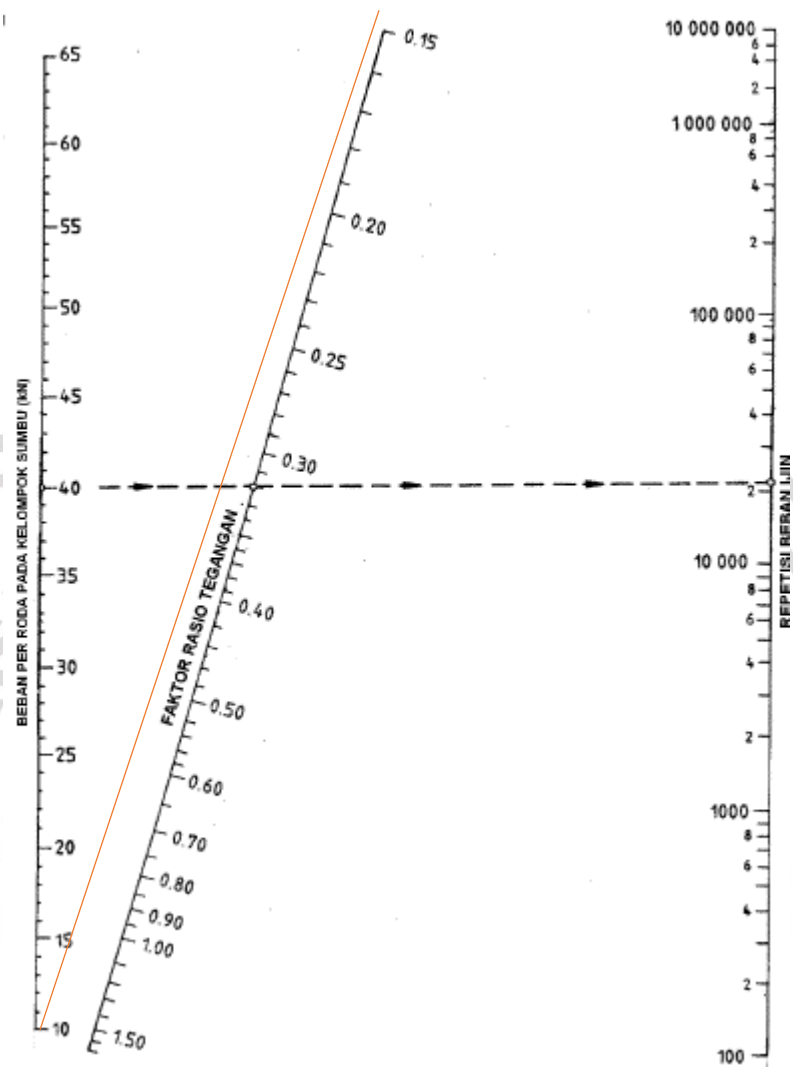
Analisa fatik dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRT (5 ton)



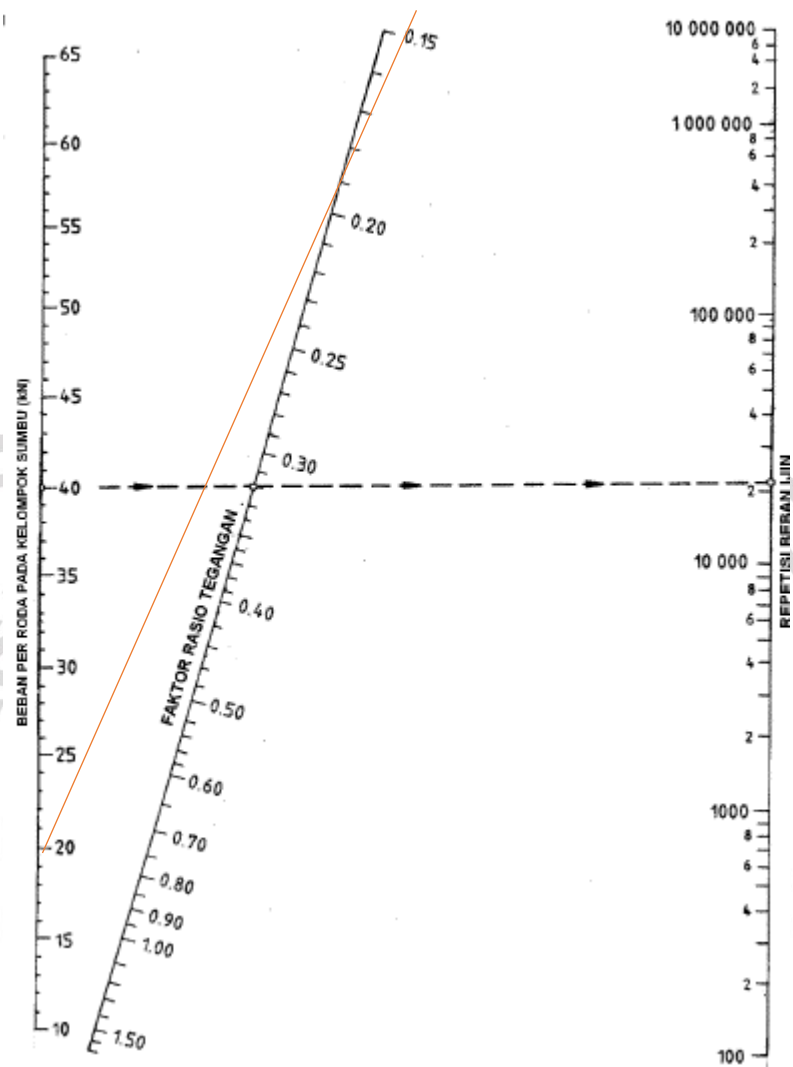
Analisa fatik dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRT (4 ton)



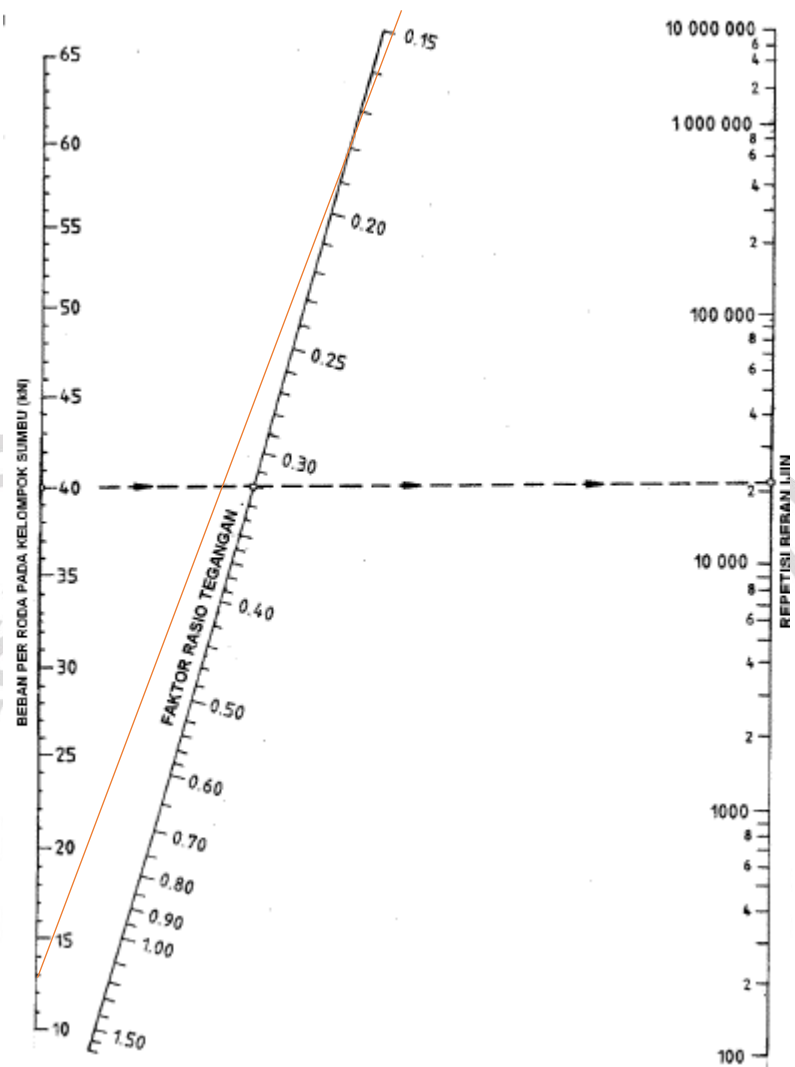
Analisa fatik dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRT (3 ton)



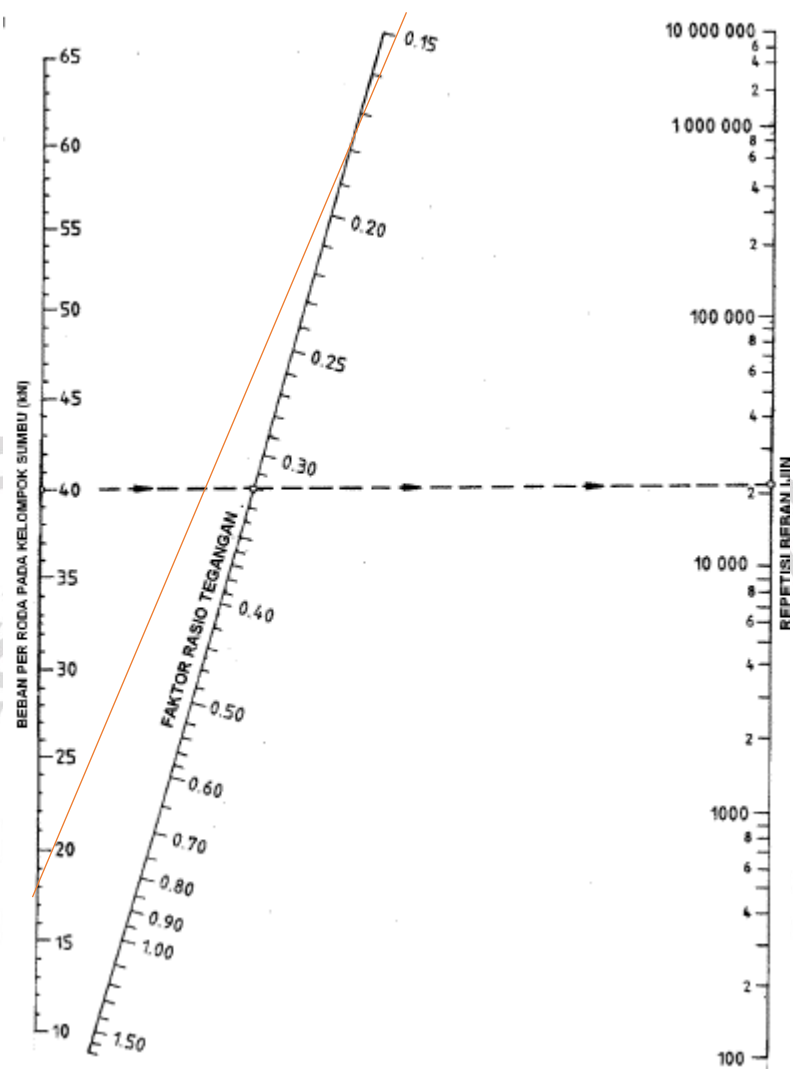
Analisa fatik dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRT (2 ton)



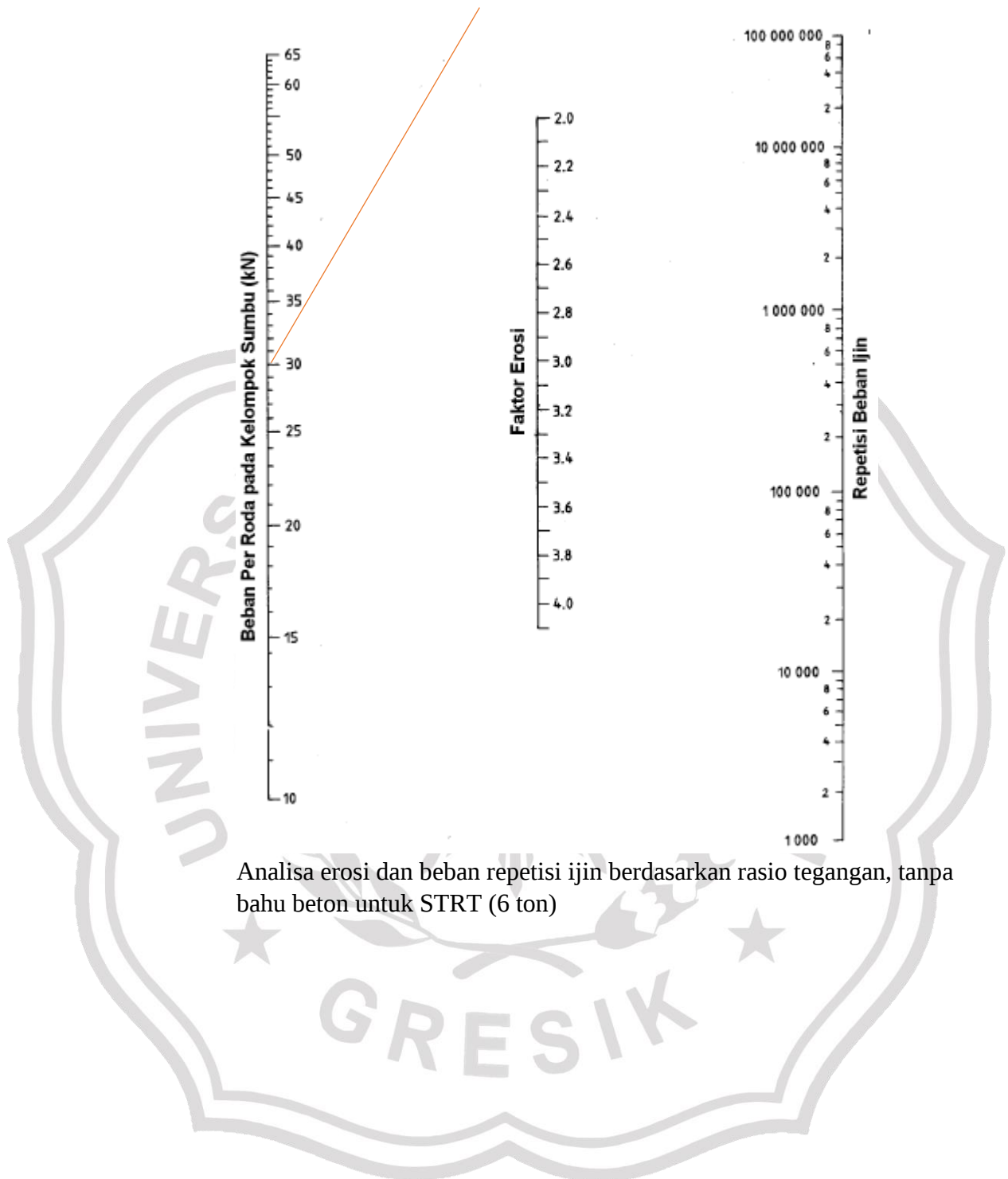
Analisa fatik dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRG (8 ton)



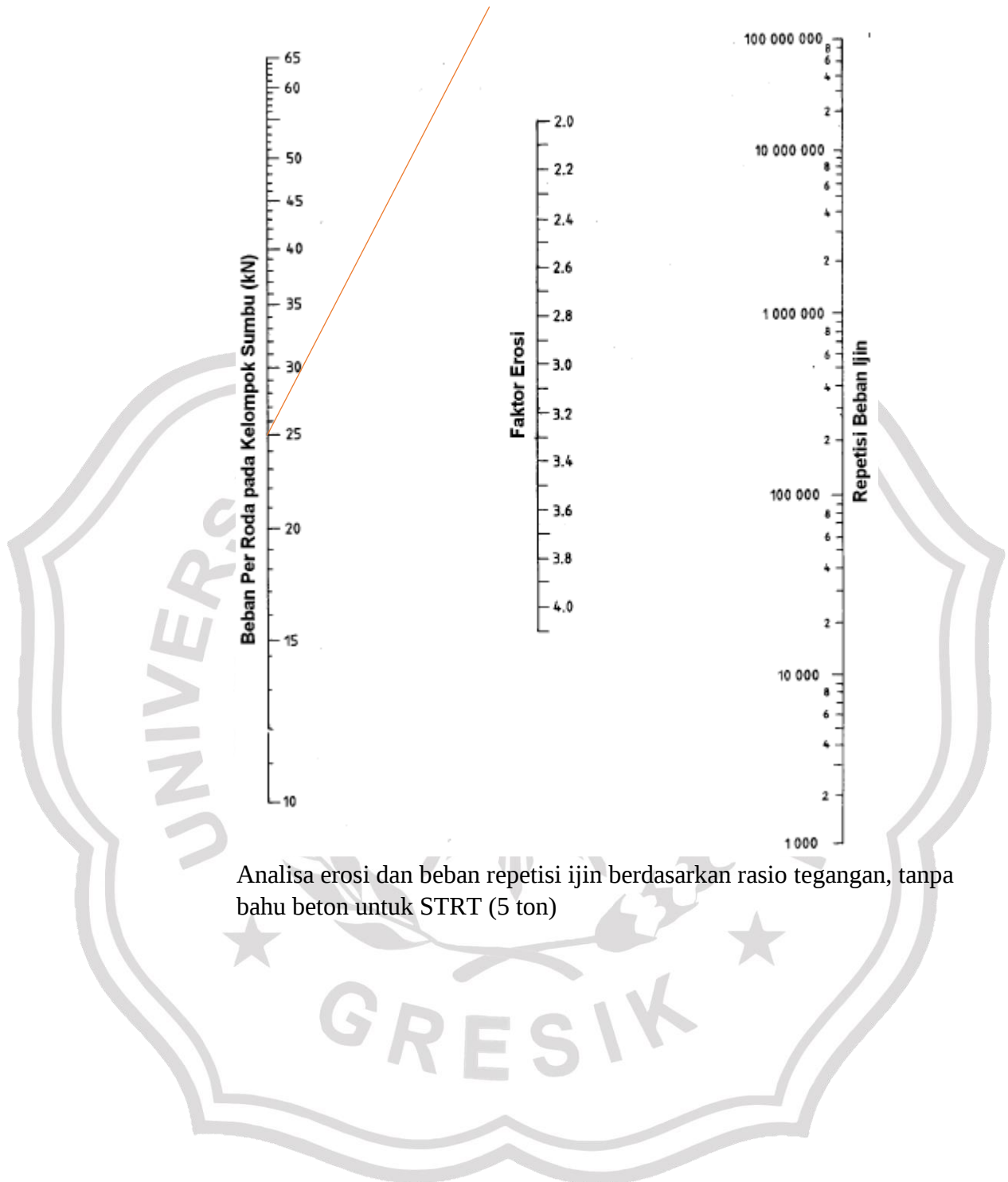
Analisa fatik dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRG (5 ton)



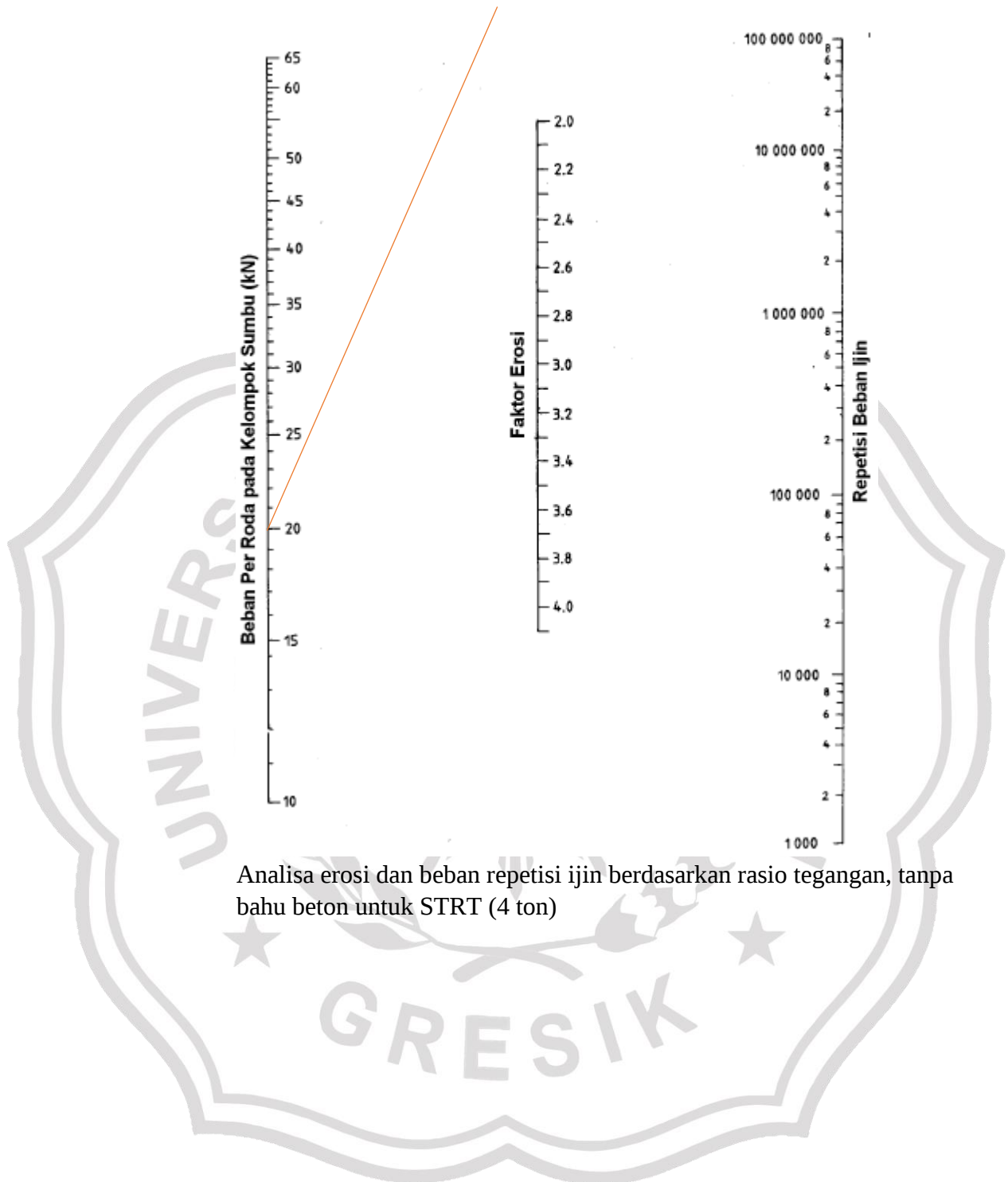
Analisa fatik dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STdRG (14 ton)

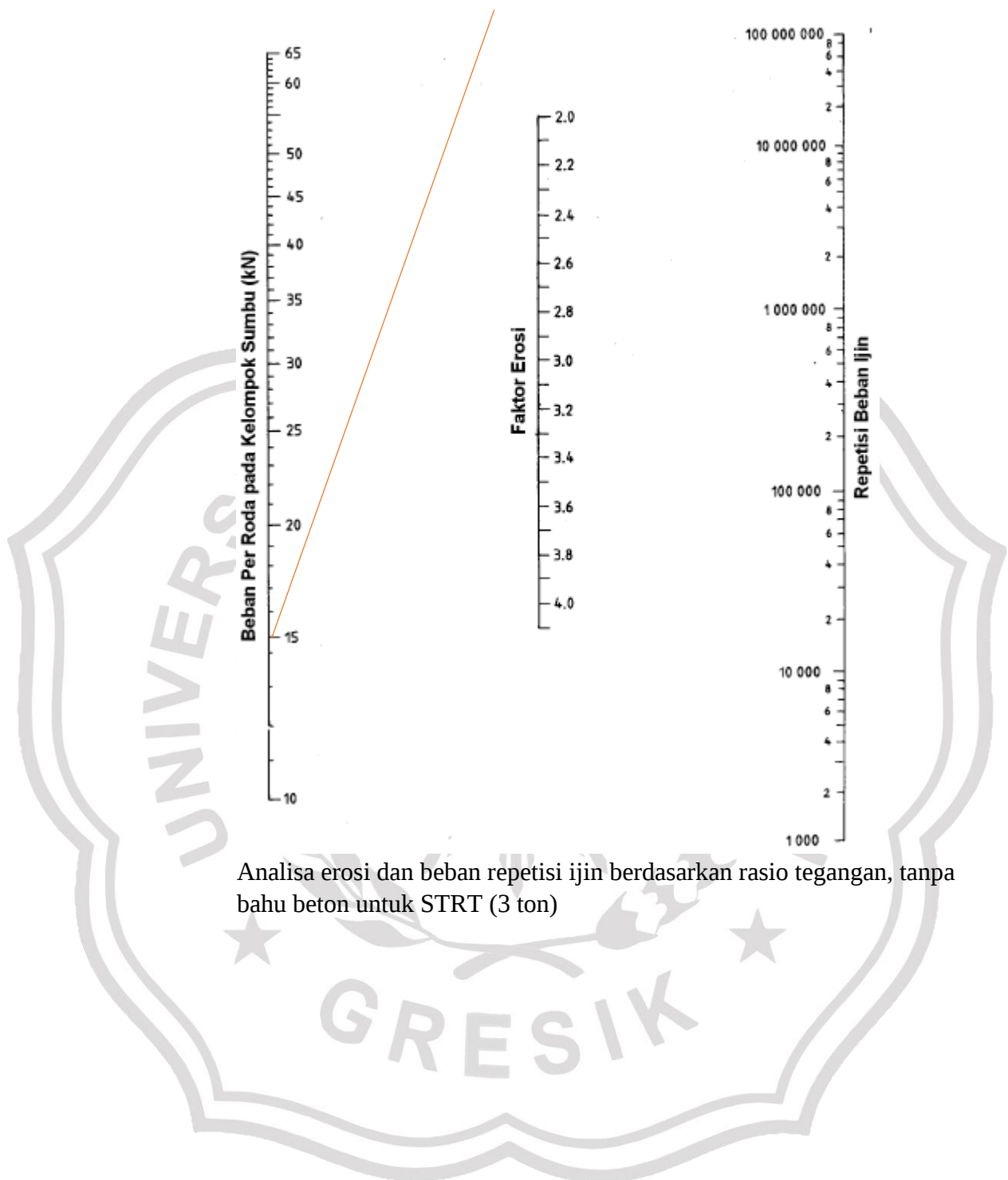


Analisa erosi dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRT (6 ton)

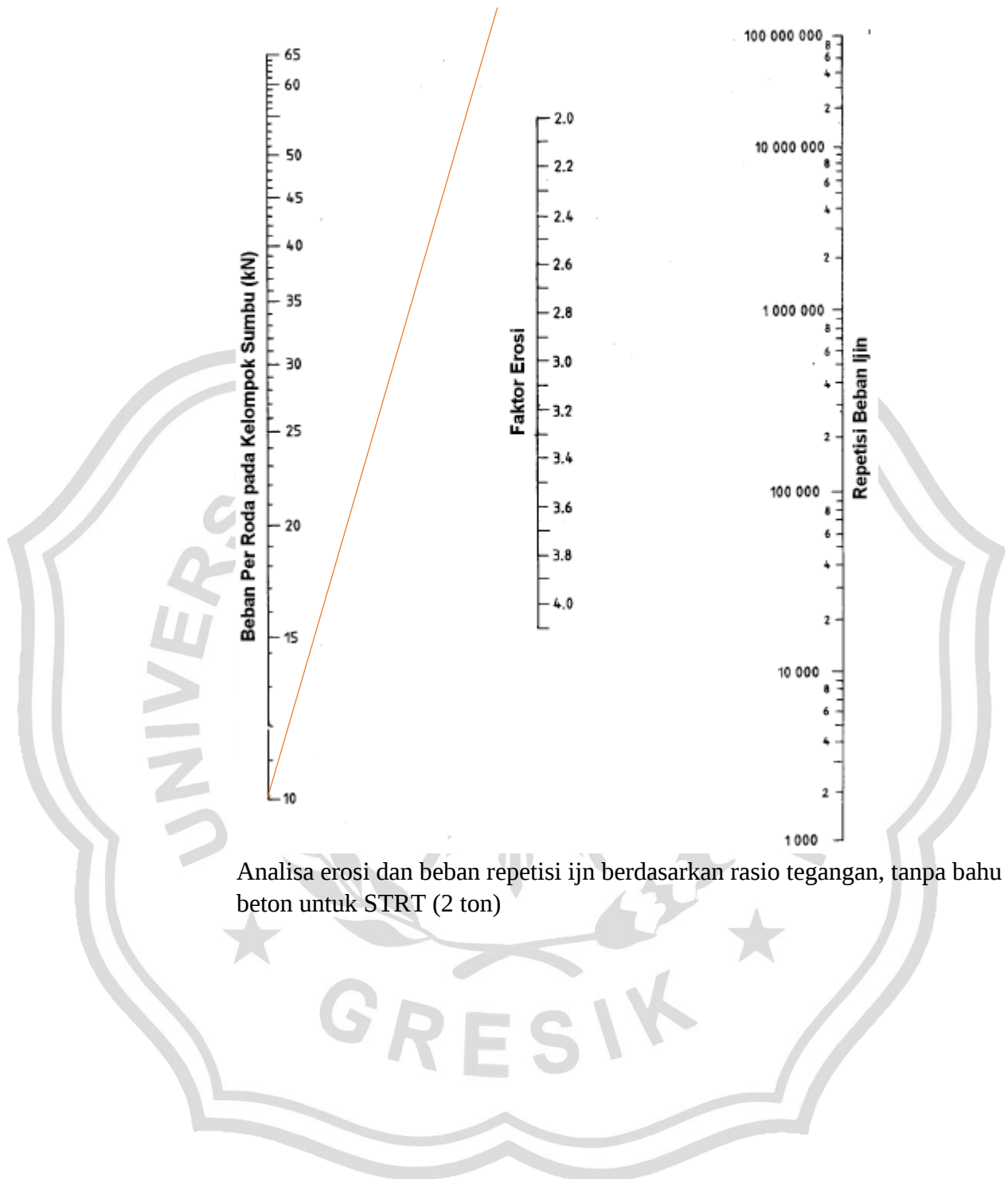


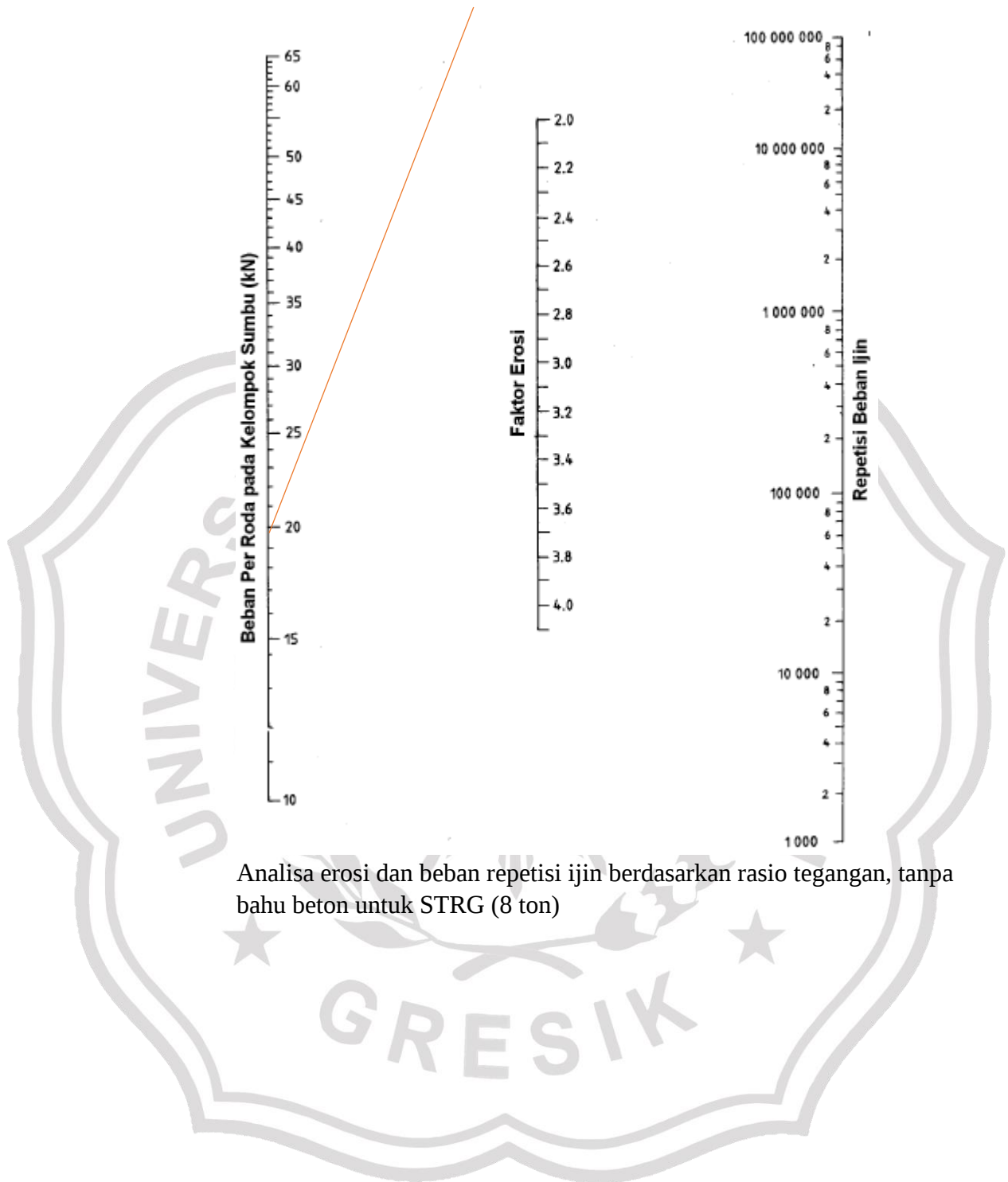
Analisa erosi dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRT (5 ton)



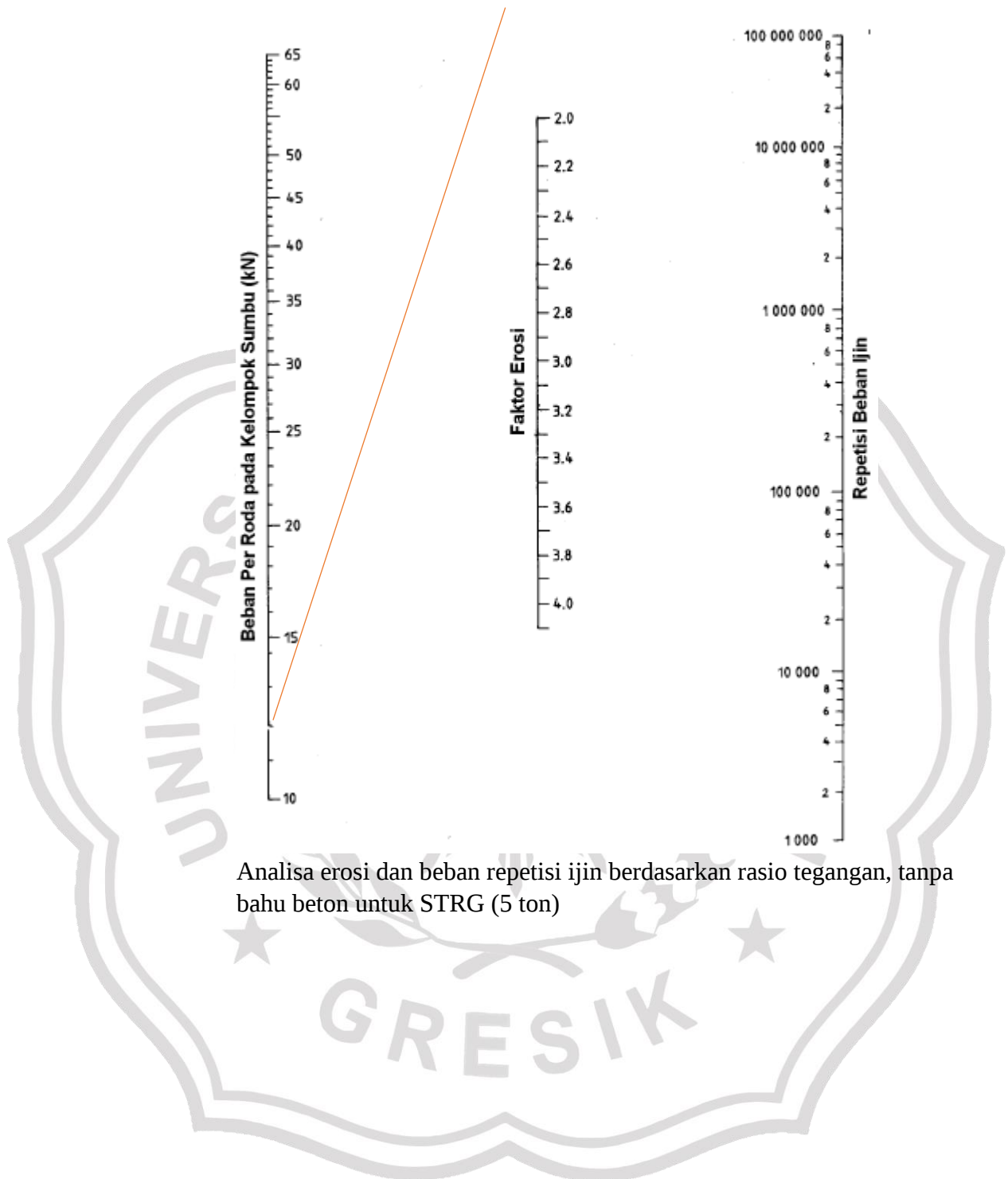


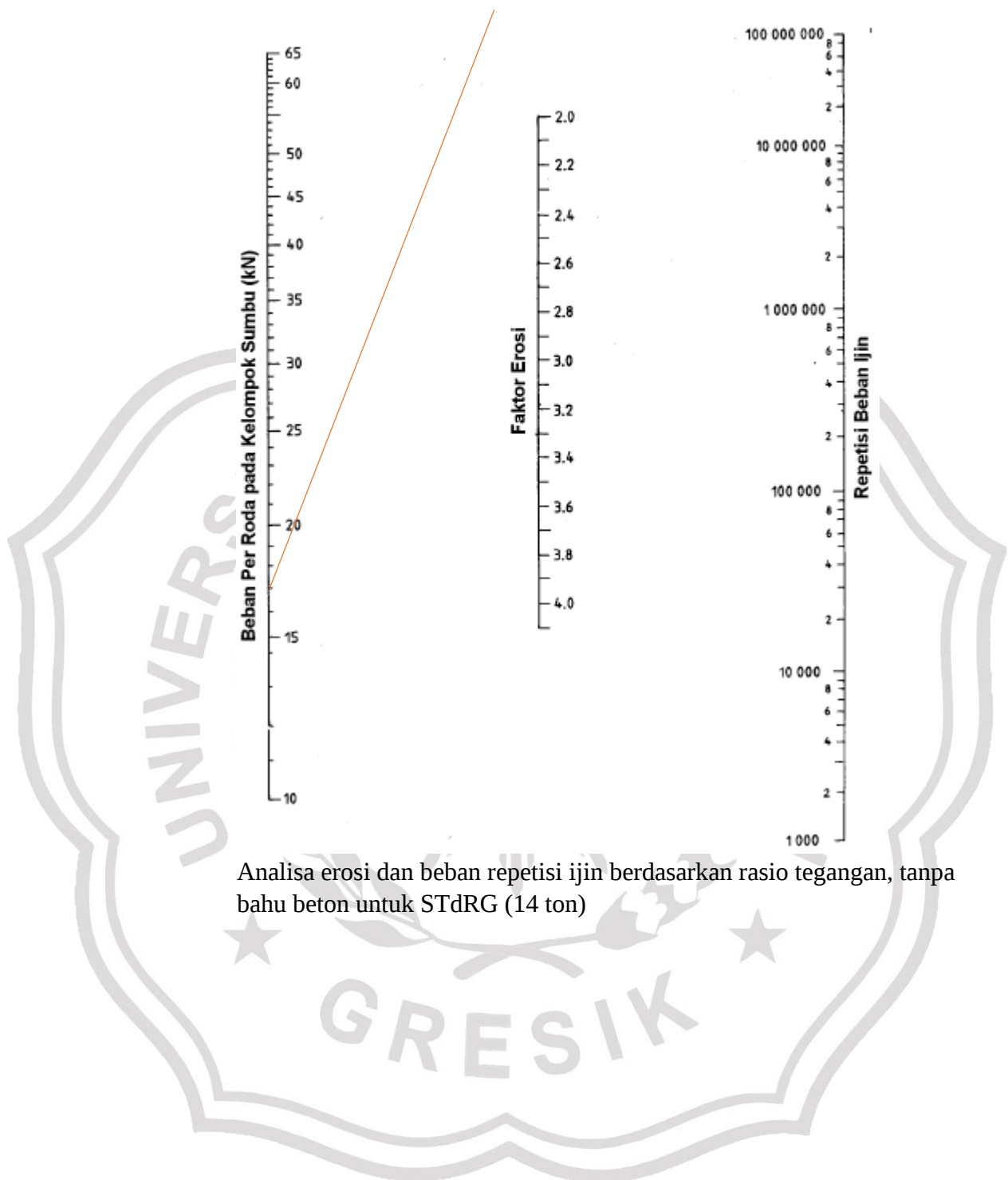
Analisa erosi dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRT (3 ton)



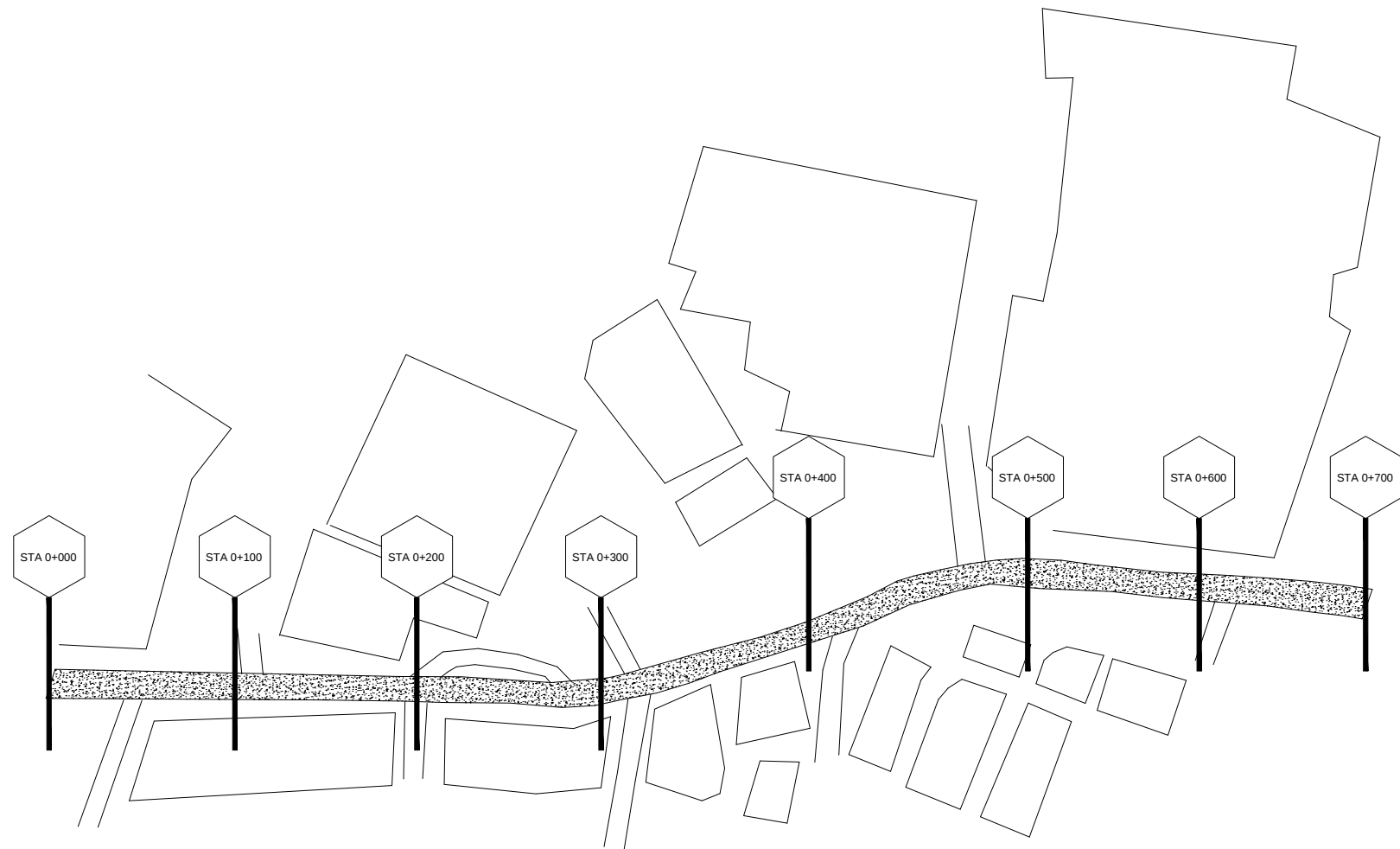


Analisa erosi dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STRG (8 ton)





Analisa erosi dan beban repetisi ijin berdasarkan rasio tegangan, tanpa bahu beton untuk STdRG (14 ton)



LAYOUT RENCANA
SKALA 1 : 150



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

DIGAMBAR OLEH :

RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
LAYOUT RENCANA		1 : 150
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



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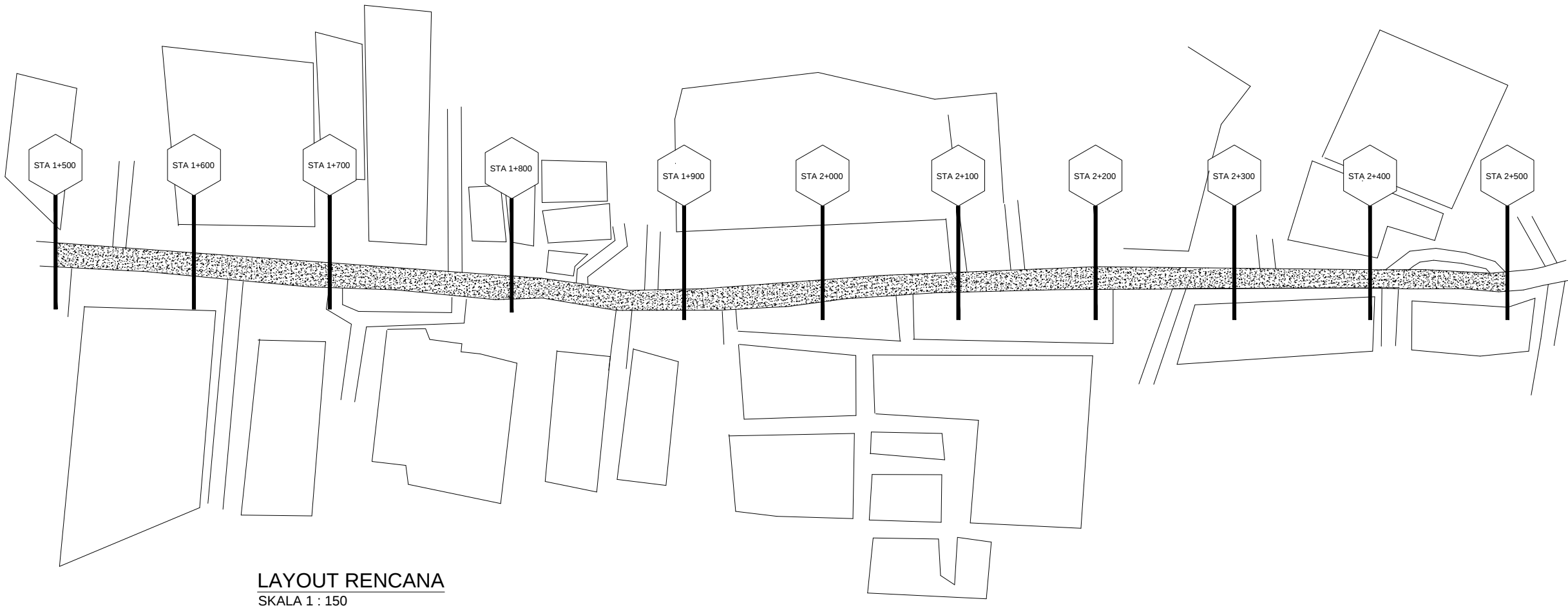
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

DIGAMBAR OLEH :

RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
LAYOUT RENCANA		1 : 150
KODE GAMBAR	NO. LEMBAR	JML LEMBAR





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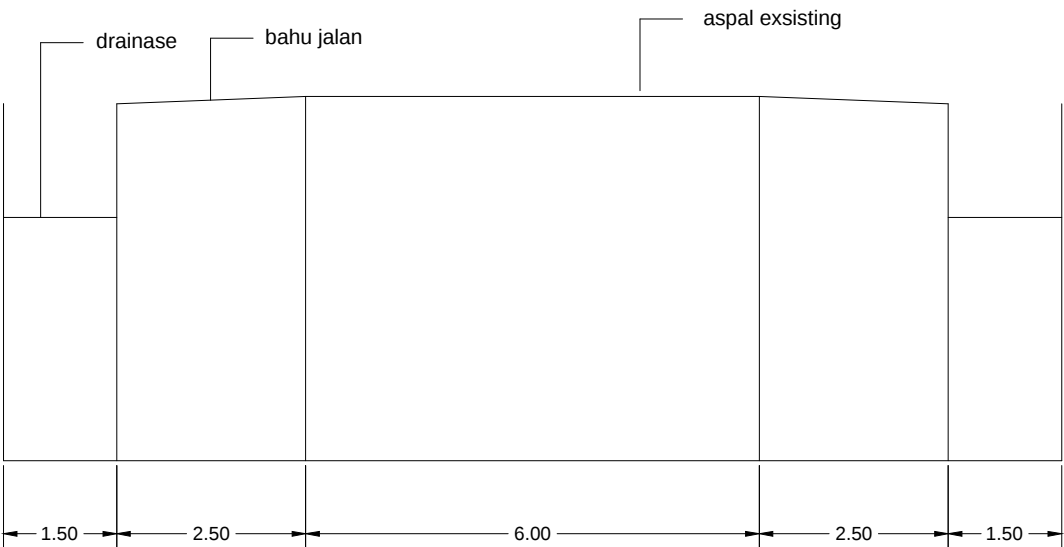
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

DIGAMBAR OLEH :

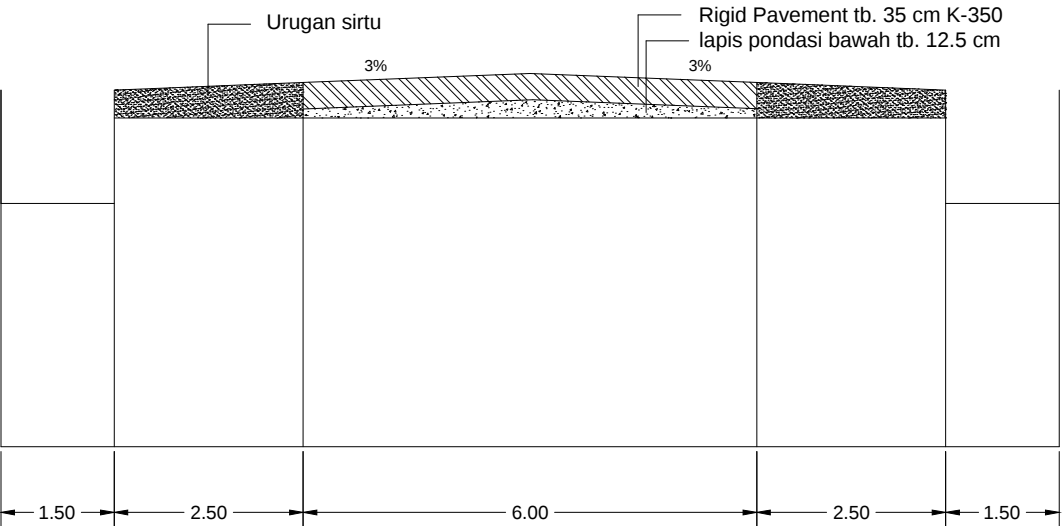
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+000 - 0+100		1 : 100
POTONGAN MELINTANG RENCANA STA 0+000 - 0+100		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+000 - 0+100
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+000 - 0+100
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

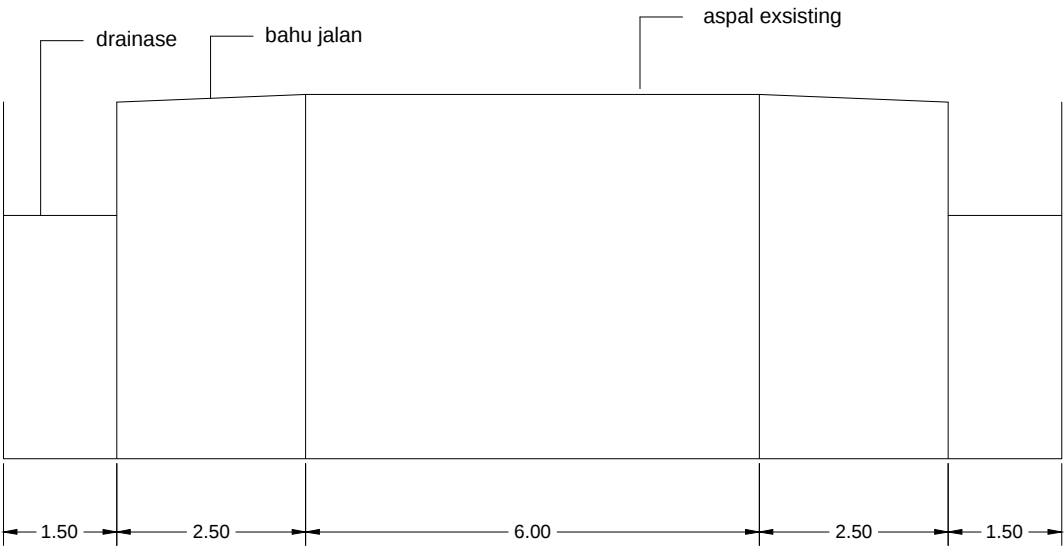
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

DIGAMBAR OLEH :

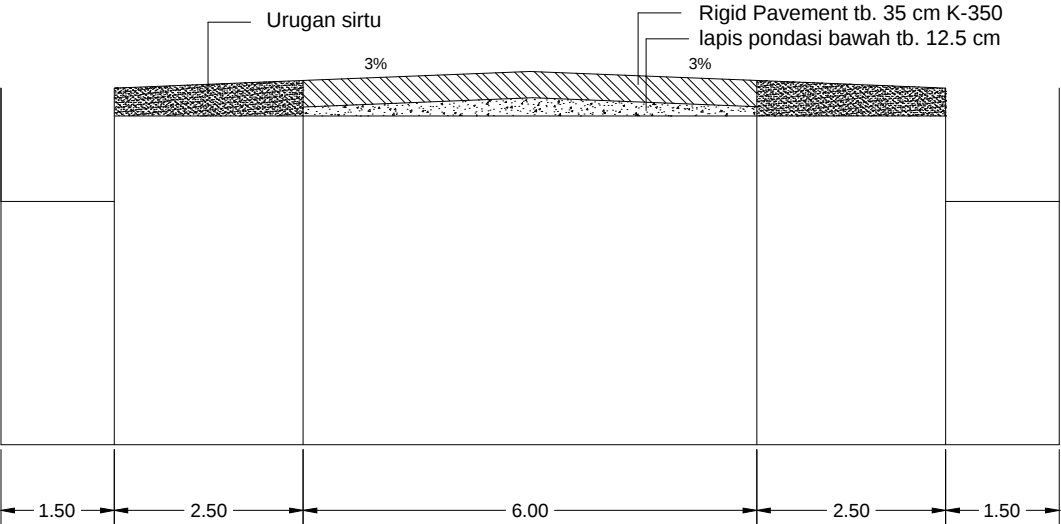
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+100 - 0+200		1 : 100
POTONGAN MELINTANG RENCANA STA 0+100 - 0+200		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+100 - 0+200
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+100 - 0+200
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

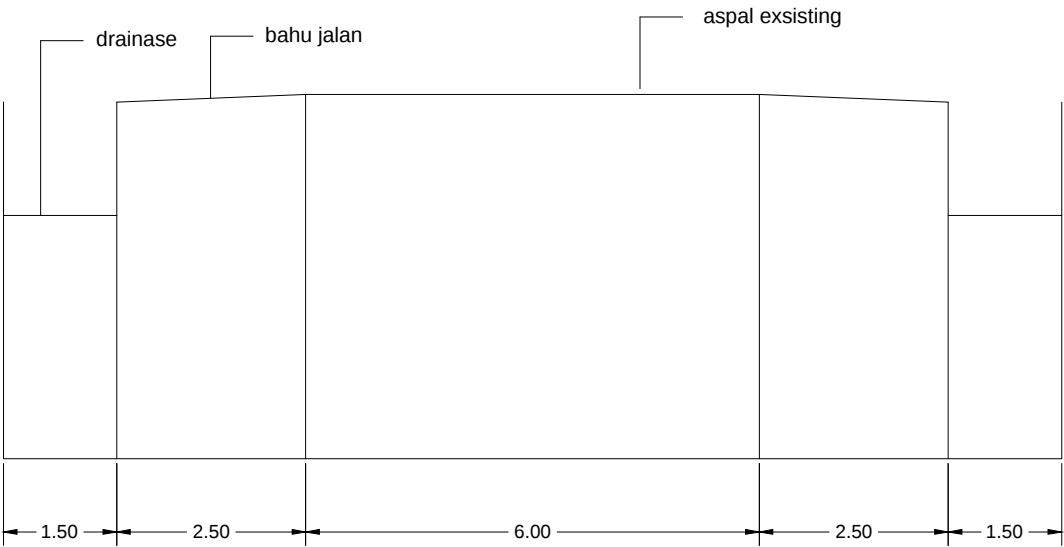
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

DIGAMBAR OLEH :

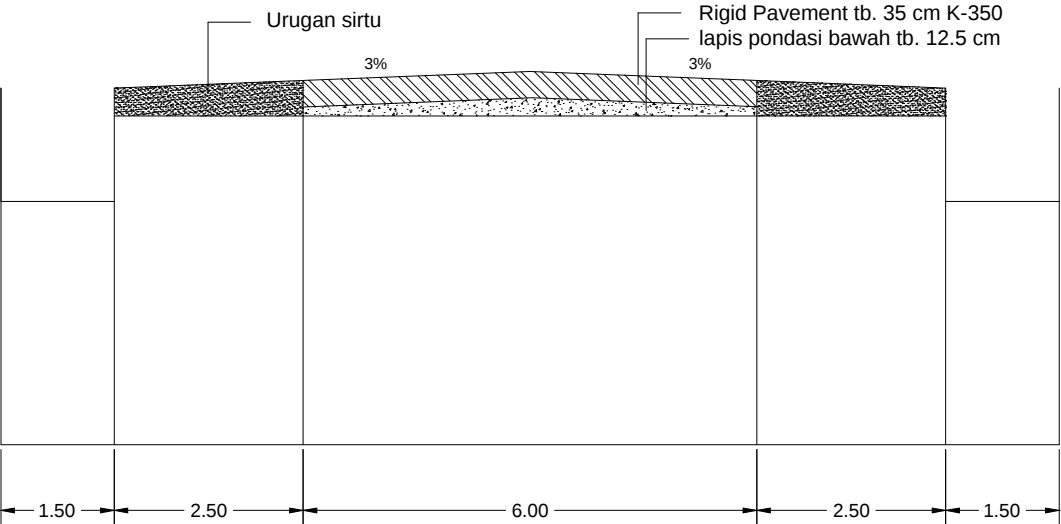
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+200 - 0+300		1 : 100
POTONGAN MELINTANG RENCANA STA 0+200 - 0+300		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+200 - 0+300
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+200 - 0+300
SKALA 1 : 100



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TUGAS AKHIR
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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

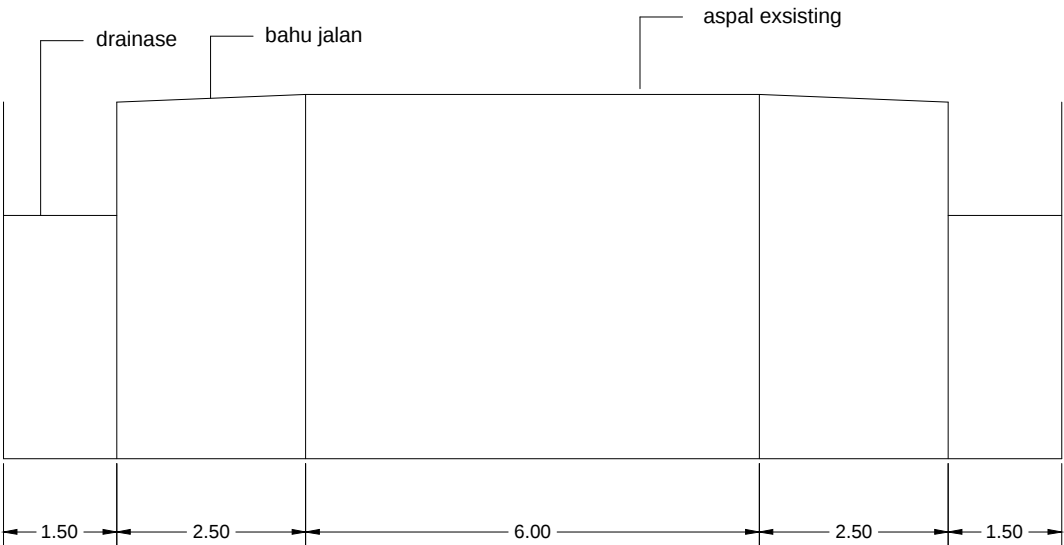
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

DIGAMBAR OLEH :

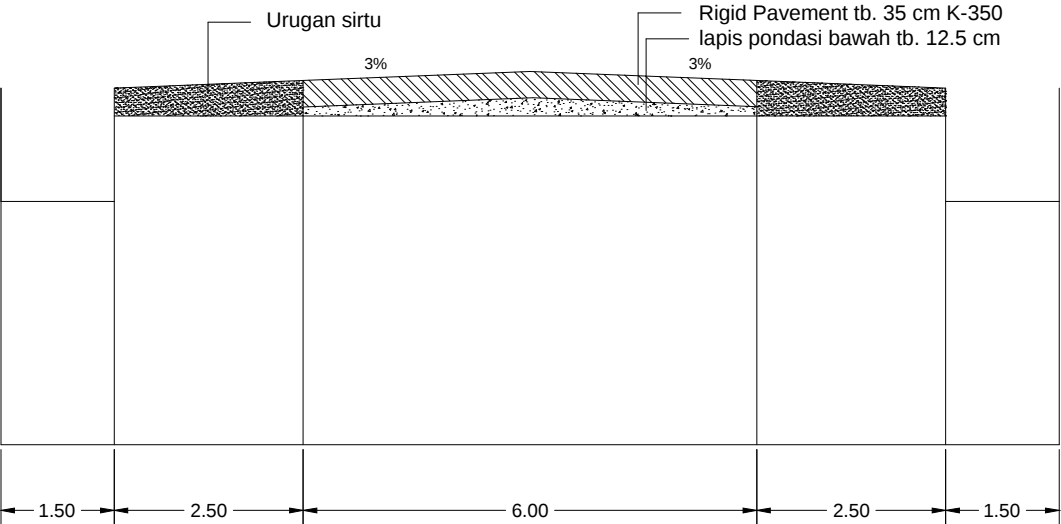
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+300 - 0+400		1 : 100
POTONGAN MELINTANG RENCANA STA 0+300 - 0+400		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+300 - 0+400
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+300 - 0+400
SKALA 1 : 100



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NAMA TUGAS

TUGAS AKHIR
POTONGAN MELINTANG JALAN MAYJEND
SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

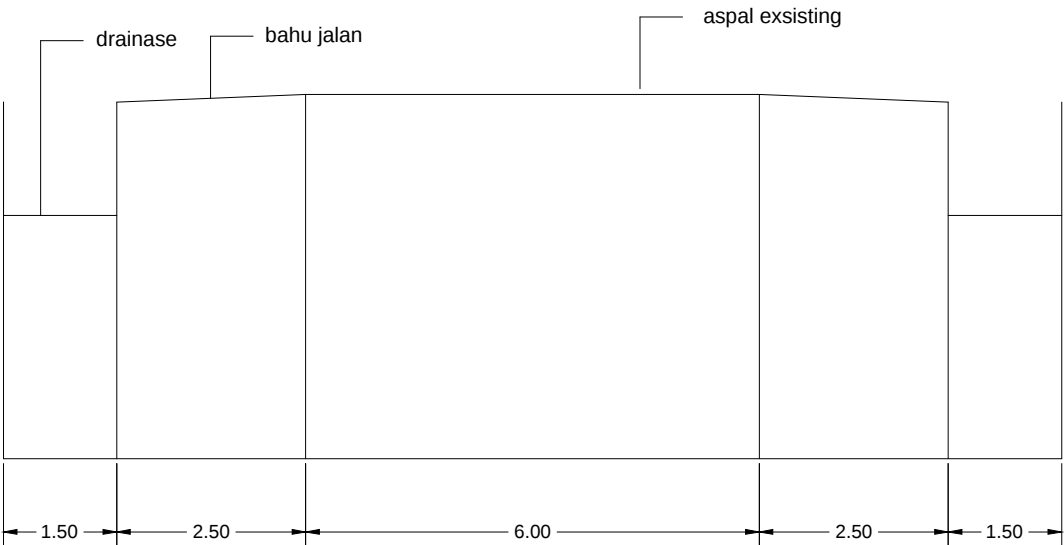
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

DIGAMBAR OLEH :

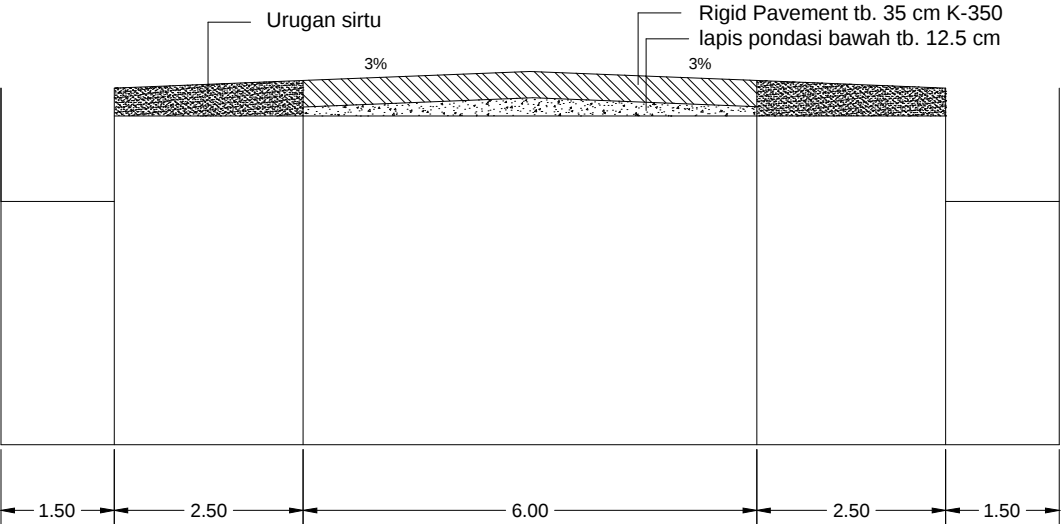
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+400 - 0+500		1 : 100
POTONGAN MELINTANG RENCANA STA 0+400 - 0+500		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+400 - 0+500
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+400 - 0+500
SKALA 1 : 100



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NAMA TUGAS

TUGAS AKHIR
POTONGAN MELINTANG JALAN MAYJEND
SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

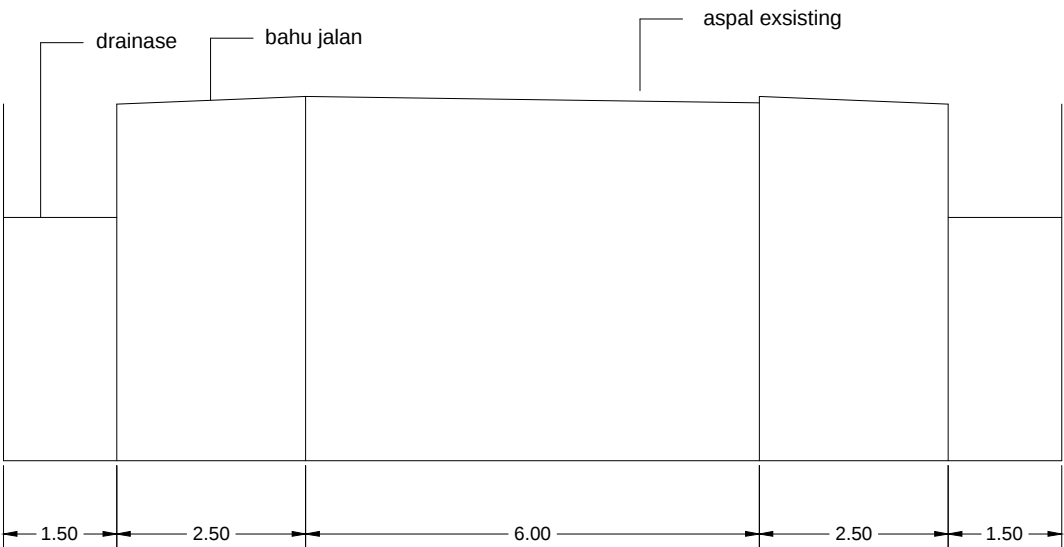
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

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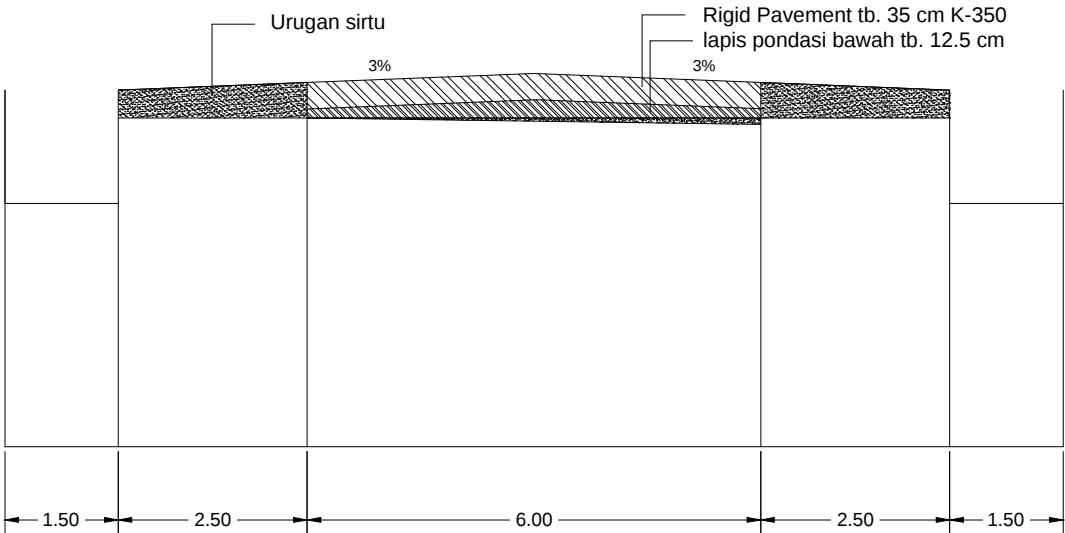
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+500 - 0+600		1 : 100
POTONGAN MELINTANG RENCANA STA 0+500 - 0+600		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+500 - 0+600
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+500 - 0+600
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

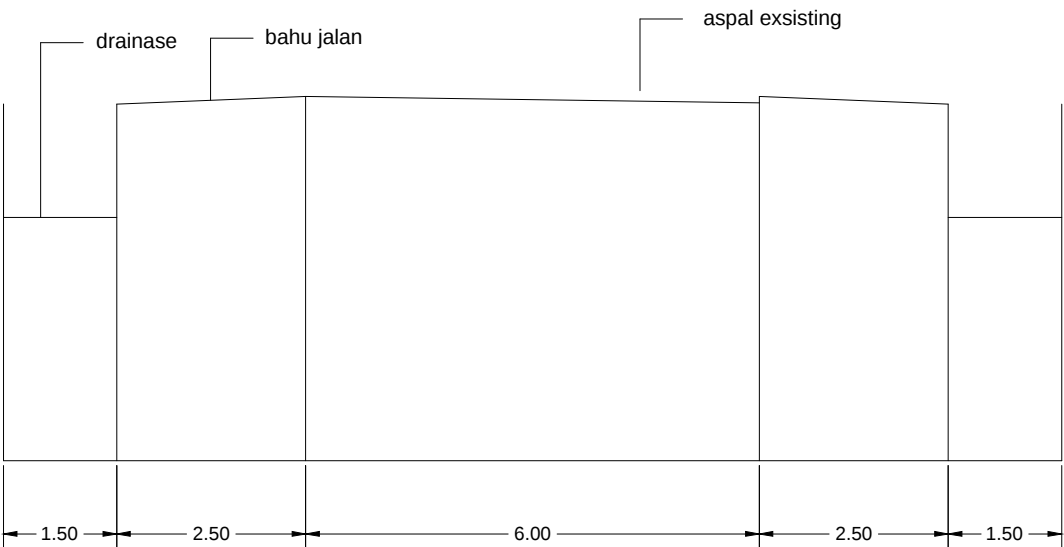
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NIP : 06512007367

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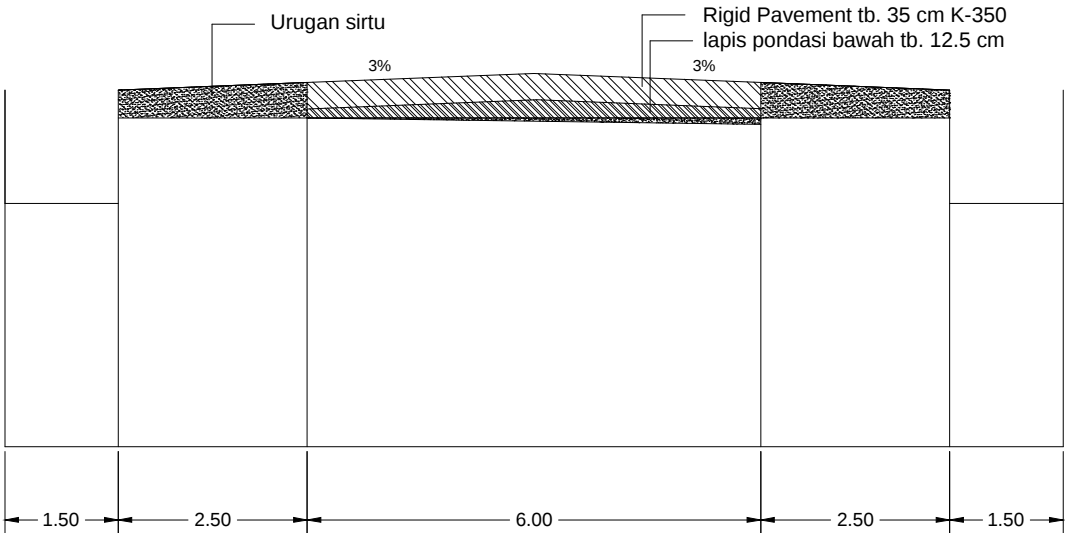
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+600 - 0+700		1 : 100
POTONGAN MELINTANG RENCANA STA 0+600 - 0+700		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+600 - 0+700
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+600 - 0+700
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

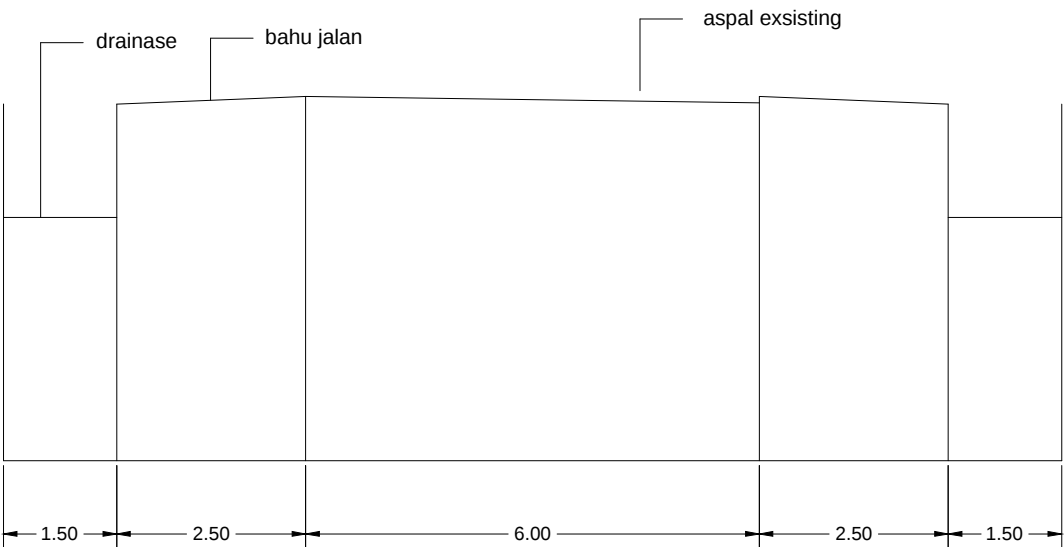
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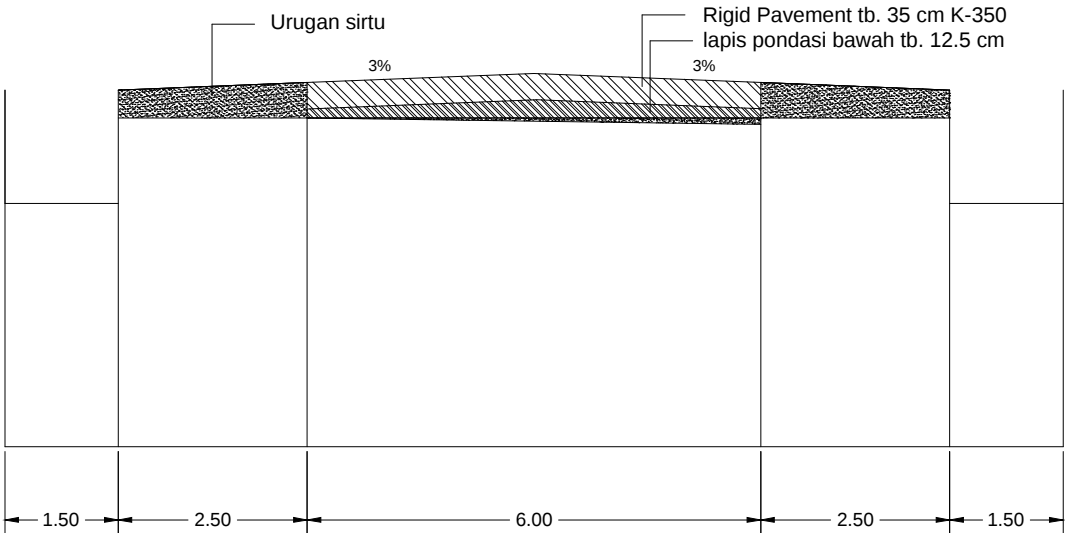
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+700 - 0+800		1 : 100
POTONGAN MELINTANG RENCANA STA 0+700 - 0+800		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+700 - 0+800
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+700 - 0+800
SKALA 1 : 100



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NAMA TUGAS

TUGAS AKHIR
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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

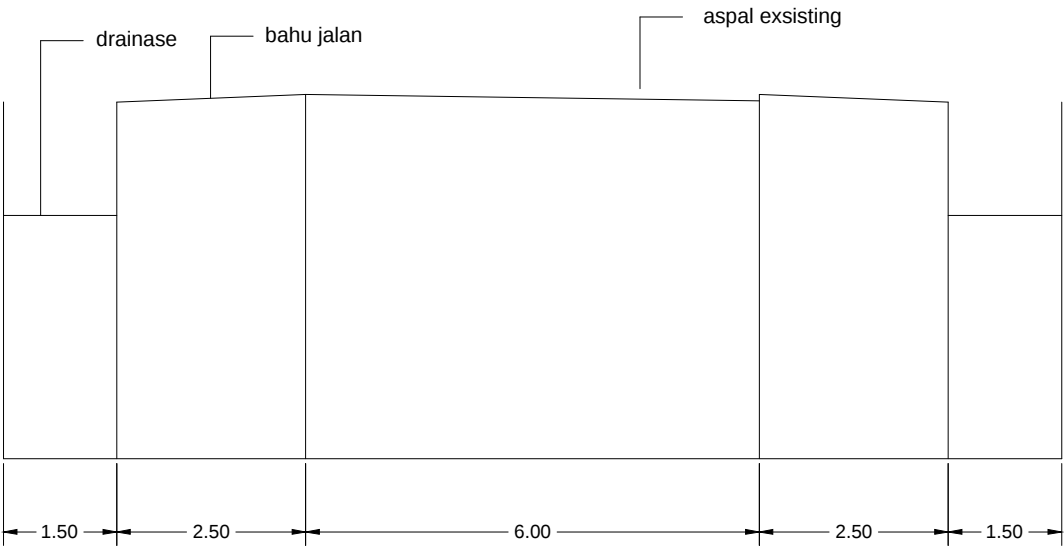
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NIP : 06512007367

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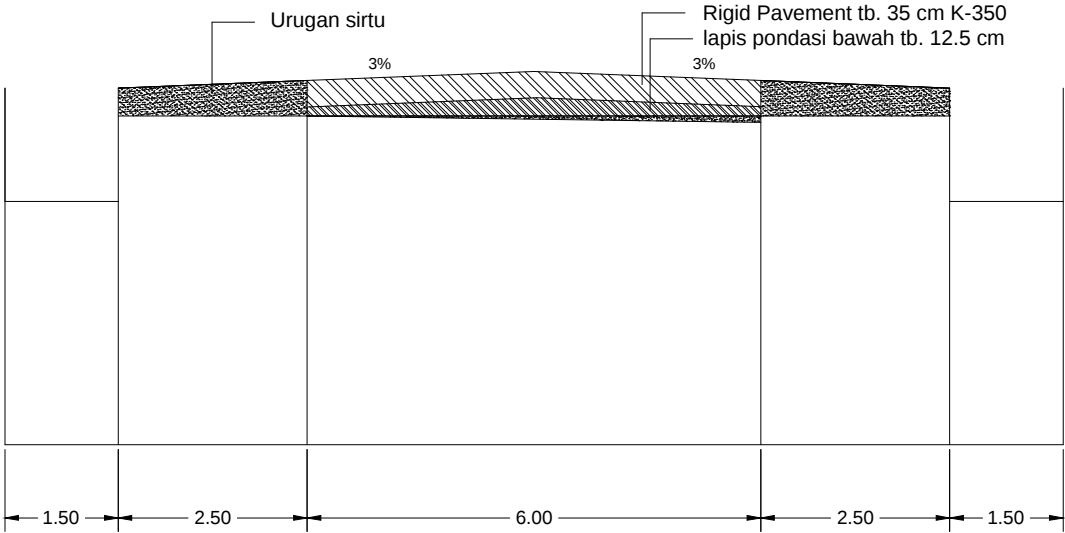
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+800 - 0+900		1 : 100
POTONGAN MELINTANG RENCANA STA 0+800 - 0+900		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+800 - 0+900
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+800 - 0+900
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

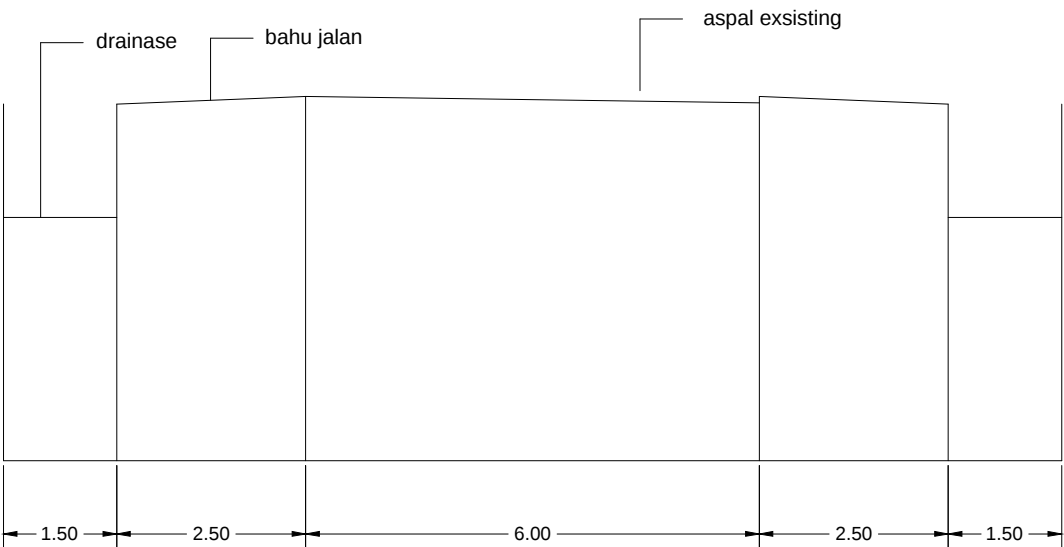
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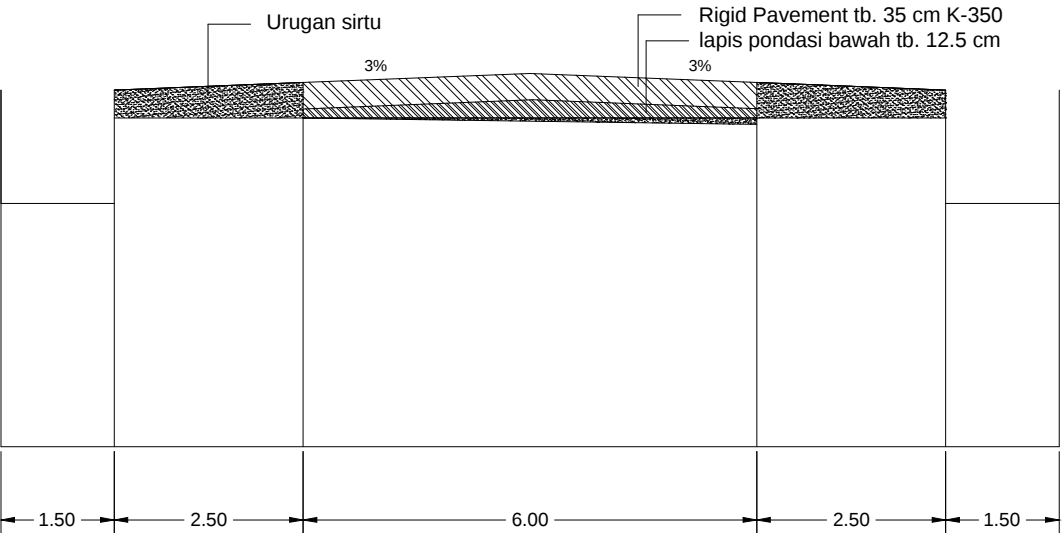
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 0+900 - 1+000		1 : 100
POTONGAN MELINTANG RENCANA STA 0+900 - 1+000		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 0+900 - 1+000
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 0+900 - 1+000
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

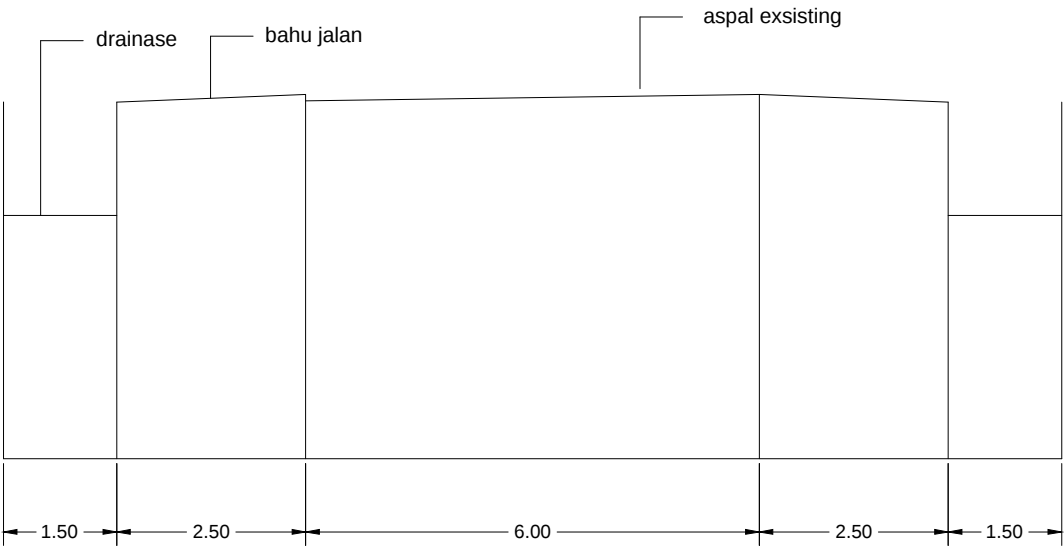
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NIP : 06512007367

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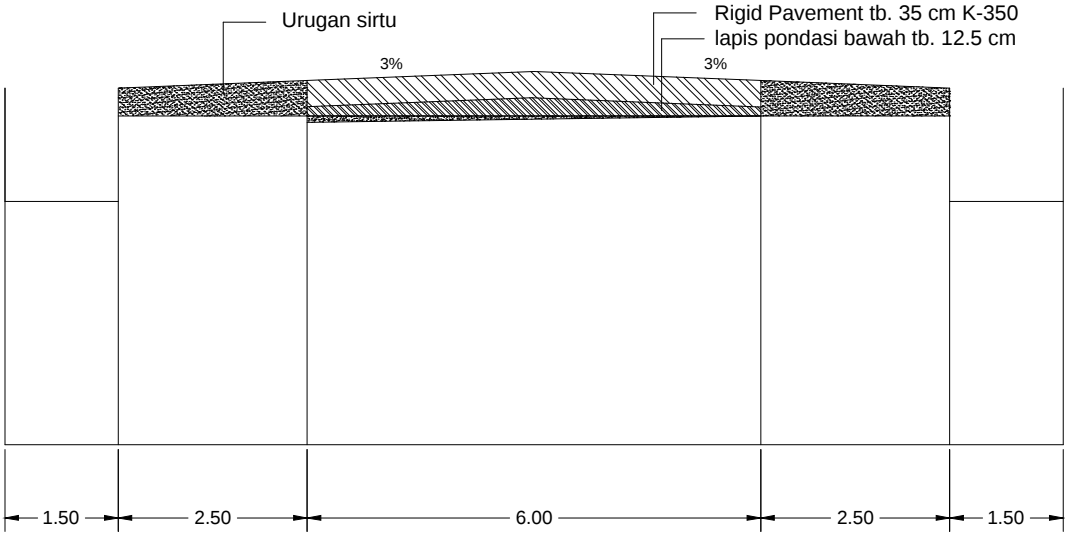
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+000 - 1+100		1 : 100
POTONGAN MELINTANG RENCANA STA 1+000 - 1+100		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+000 - 1+100
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+000 - 1+100
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

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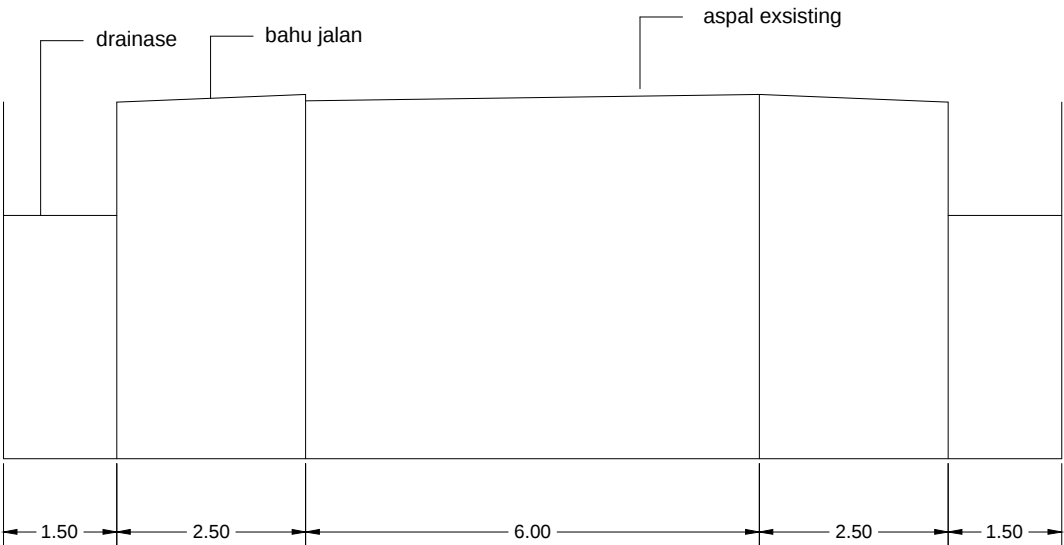
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NIP : 06512007367

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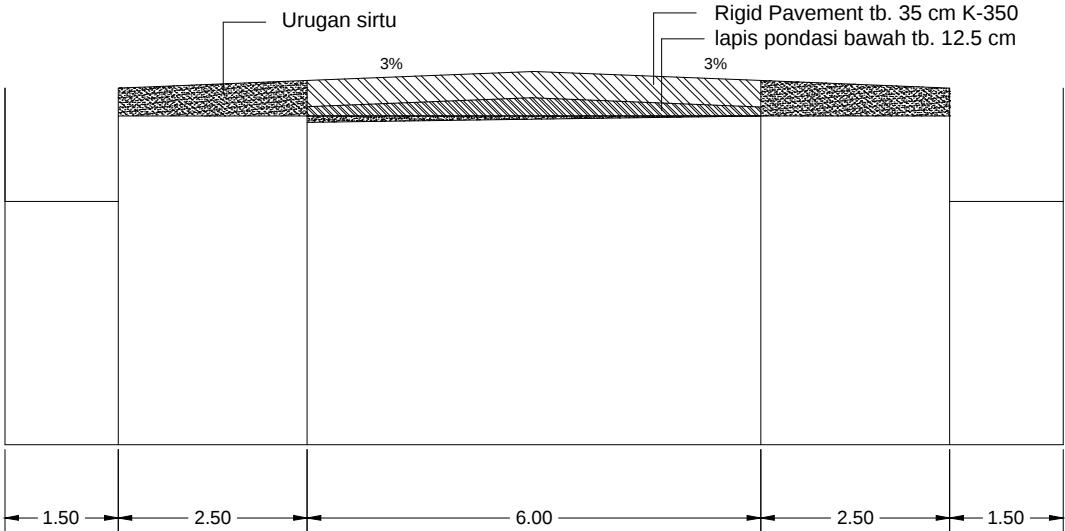
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+100 - 1+200		1 : 100
POTONGAN MELINTANG RENCANA STA 1+100 - 1+200		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+100 - 1+200
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+100 - 1+200
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

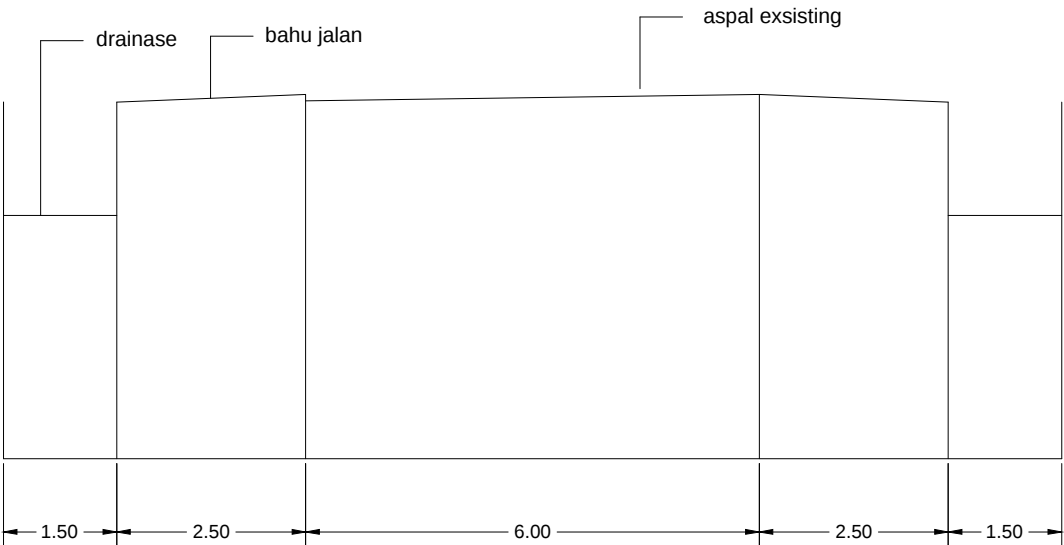
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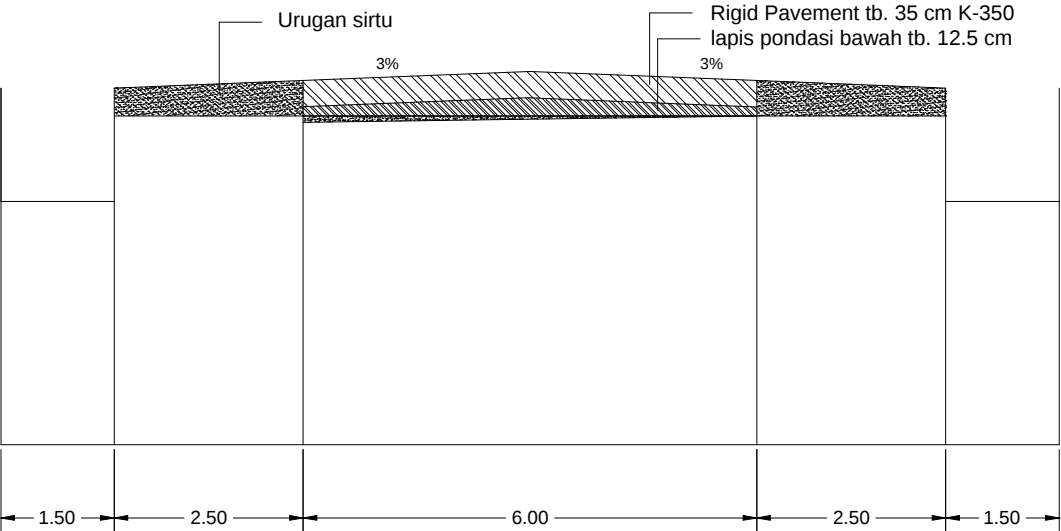
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+200 - 1+300		1 : 100
POTONGAN MELINTANG RENCANA STA 1+200 - 1+300		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+200 - 1+300
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+200 - 1+300
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

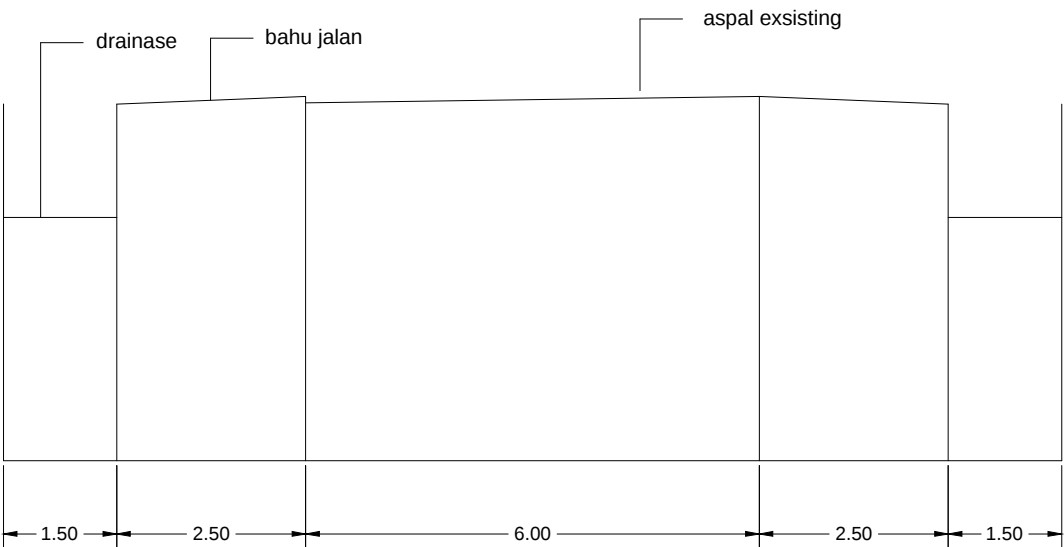
KHOLIDIA AYUNANING, S.T., M.T.
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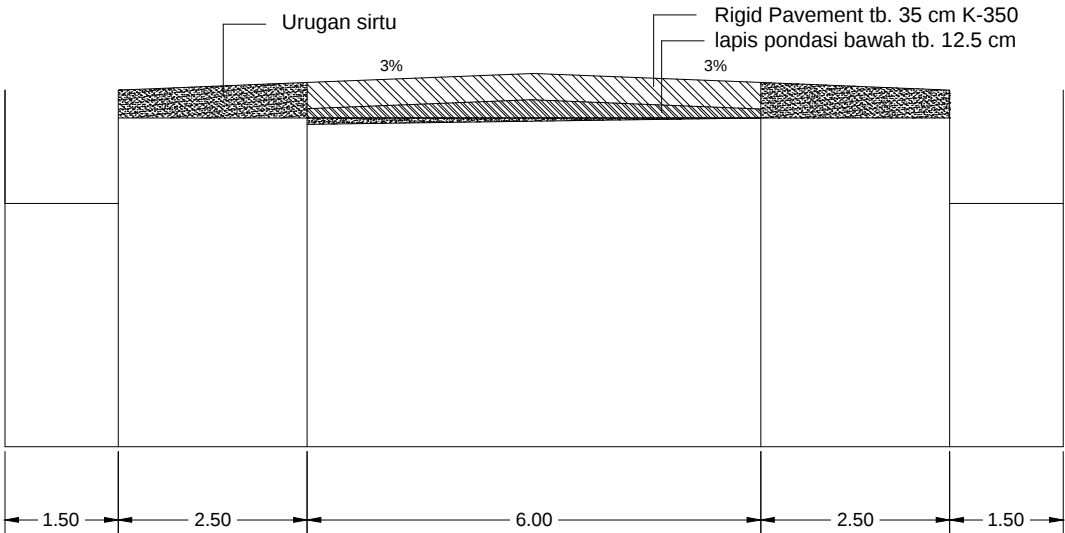
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+300 - 1+400		1 : 100
POTONGAN MELINTANG RENCANA STA 1+300 - 1+400		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+300 - 1+400
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+300 - 1+400
SKALA 1 : 100



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POTONGAN MELINTANG JALAN MAYJEND
SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

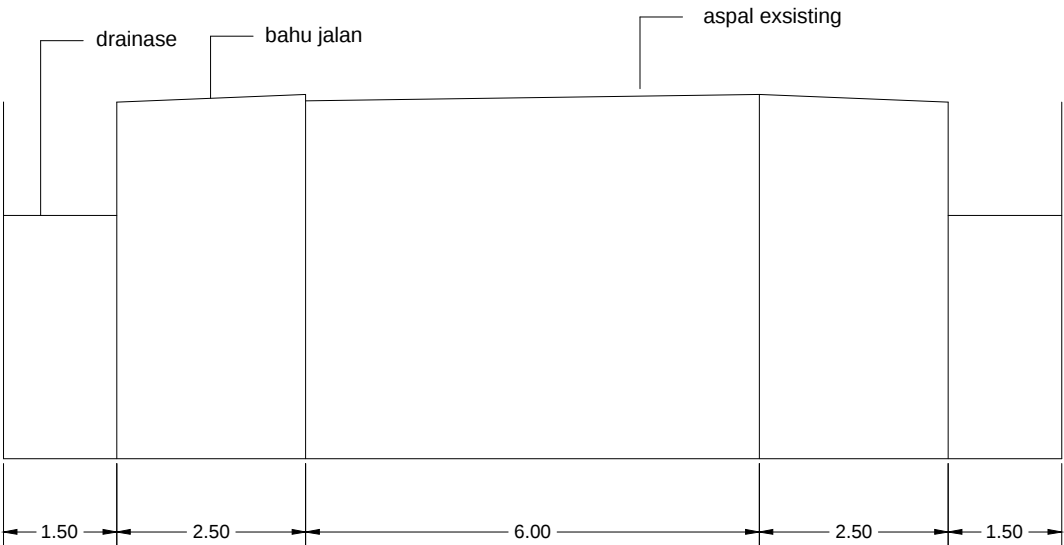
KHOLIDIA AYUNANING, S.T., M.T.
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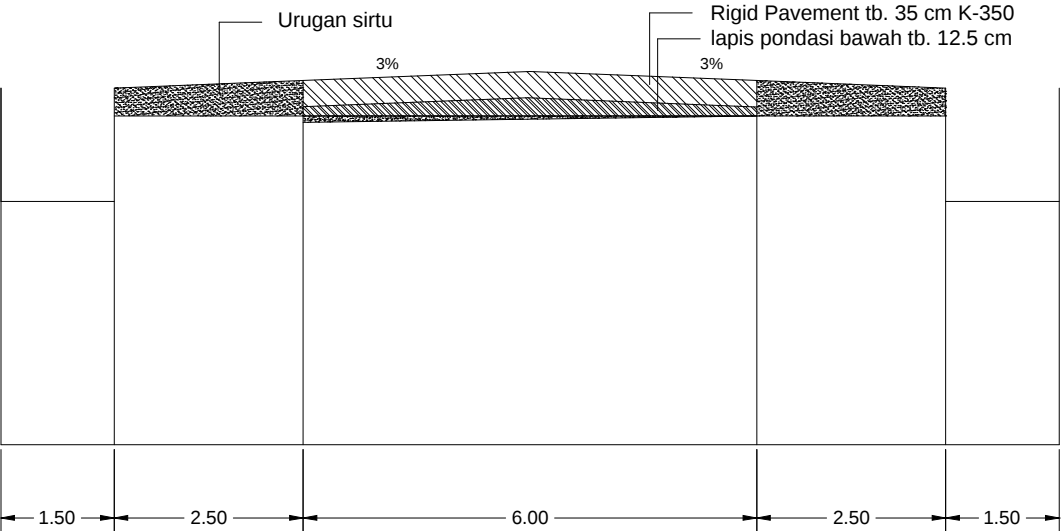
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+400 - 1+500		1 : 100
POTONGAN MELINTANG RENCANA STA 1+400 - 1+500		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+400 - 1+500
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+400 - 1+500
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

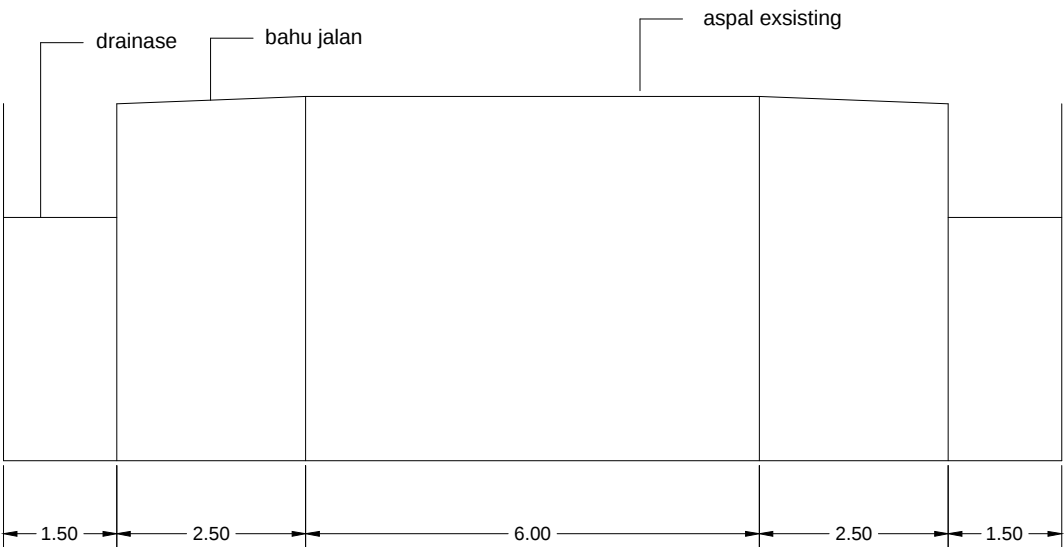
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

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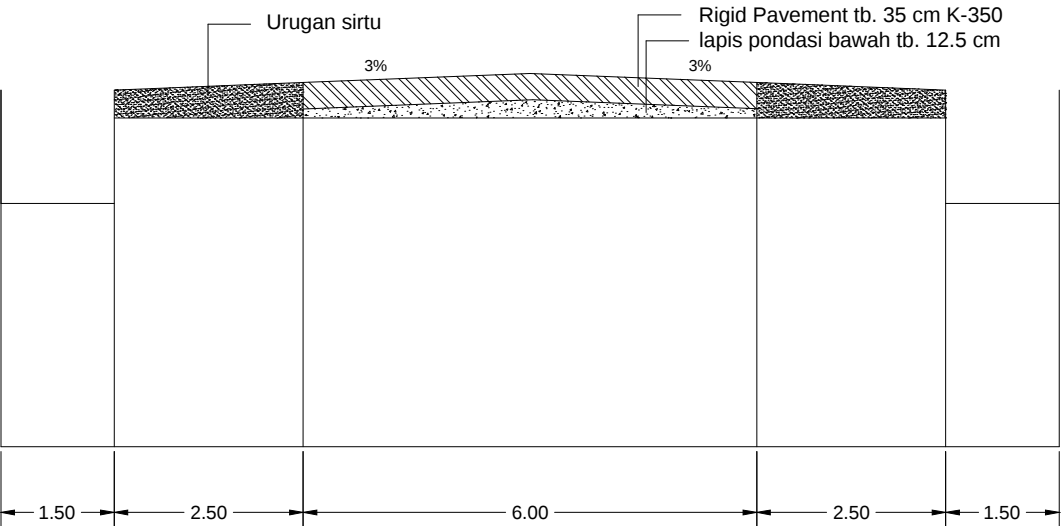
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+500 - 1+600		1 : 100
POTONGAN MELINTANG RENCANA STA 1+500 - 1+600		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+500 - 1+600
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+500 - 1+600
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

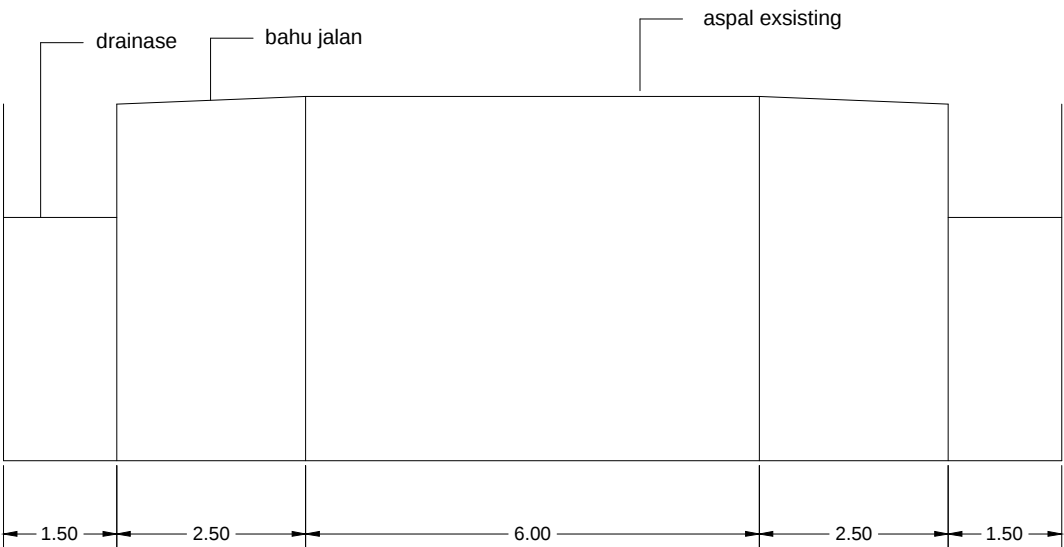
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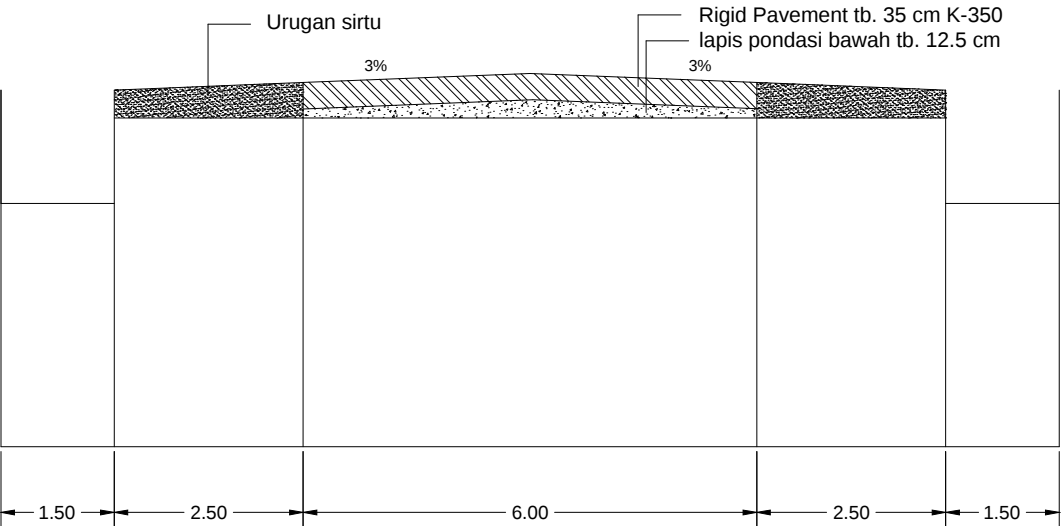
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+600 - 1+700		1 : 100
POTONGAN MELINTANG RENCANA STA 1+600 - 1+700		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+600 - 1+700
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+600 - 1+700
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

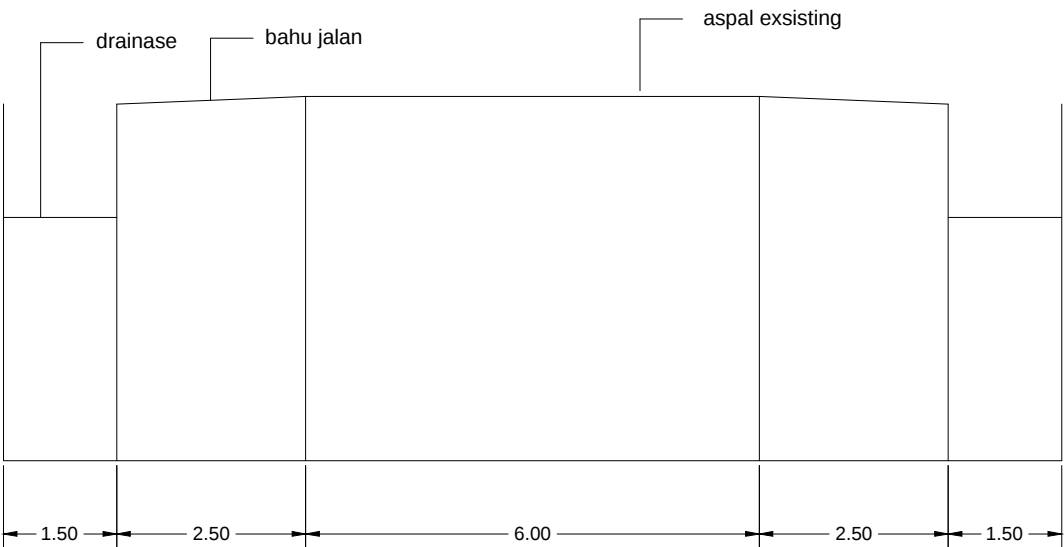
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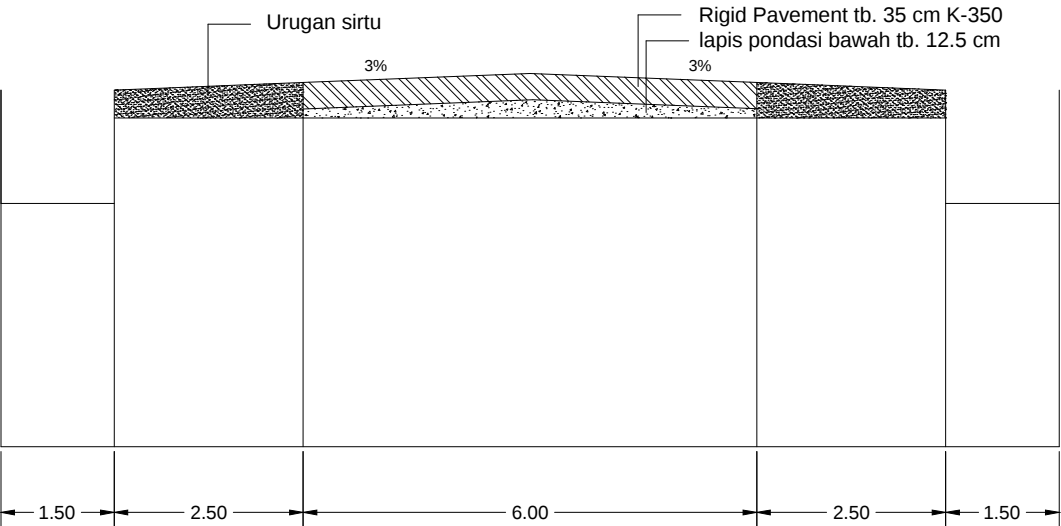
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+700 - 1+800		1 : 100
POTONGAN MELINTANG RENCANA STA 1+700 - 1+800		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+700 - 1+800
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+700 - 1+800
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

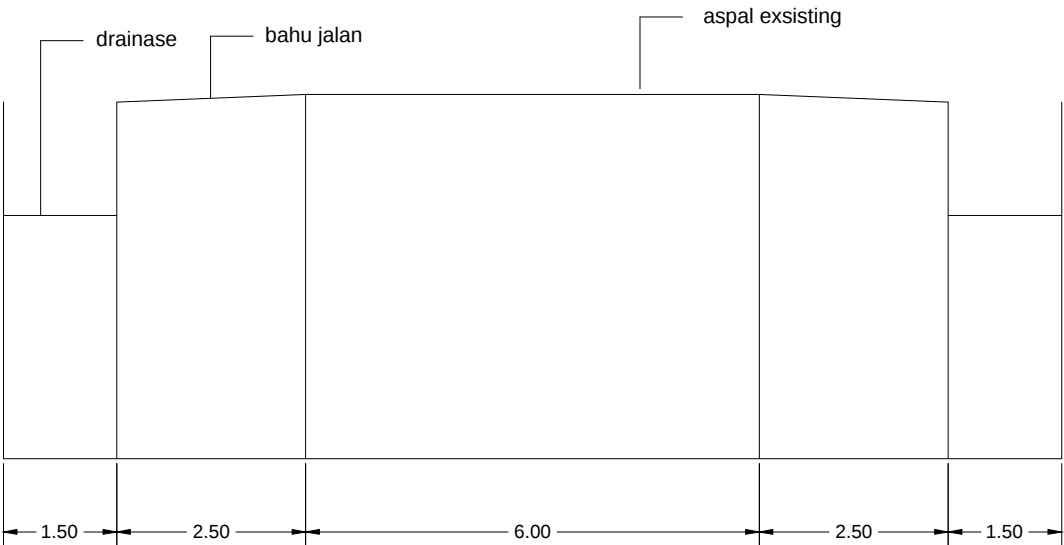
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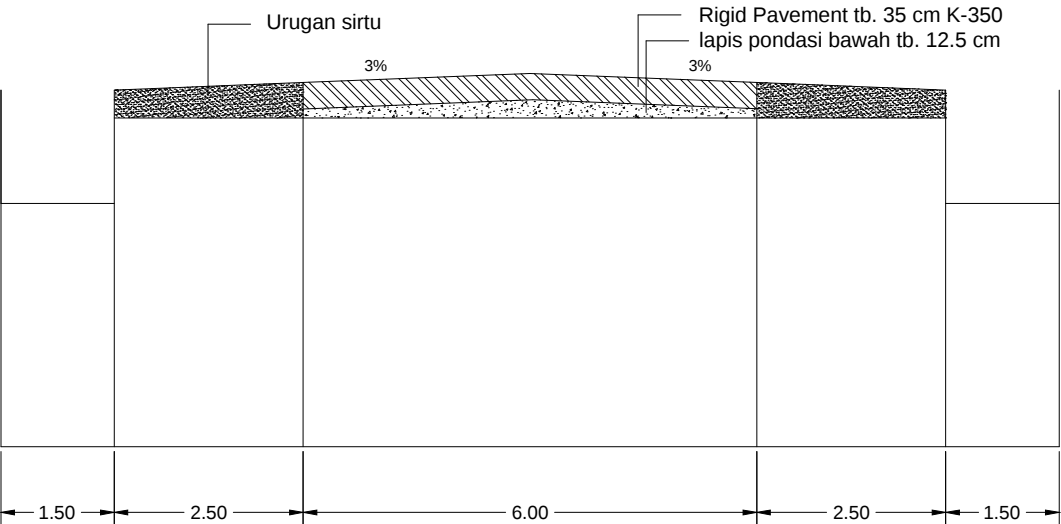
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+800 - 1+900		1 : 100
POTONGAN MELINTANG RENCANA STA 1+800 - 1+900		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+800 - 1+900
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+800 - 1+900
SKALA 1 : 100



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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

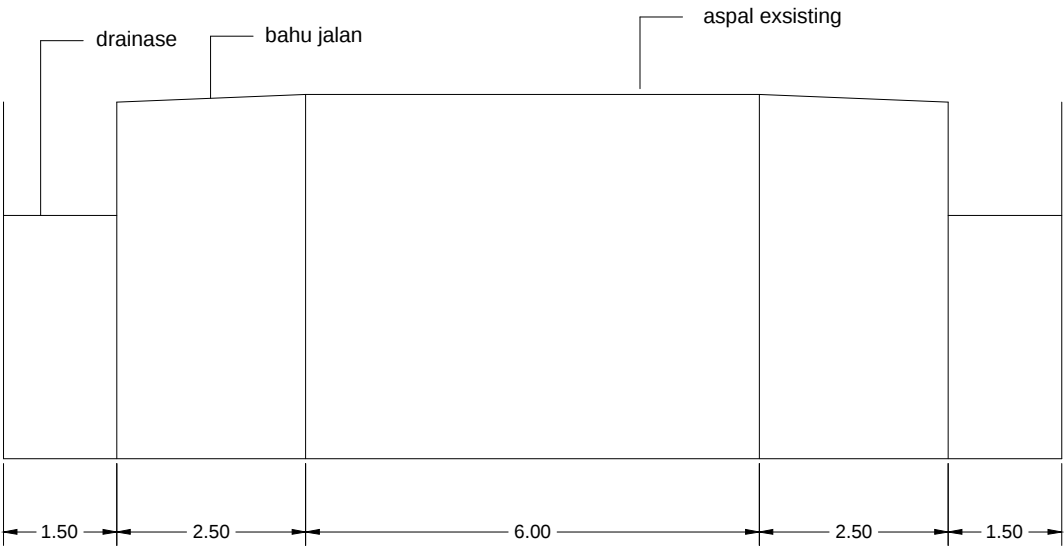
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NIP : 06512007367

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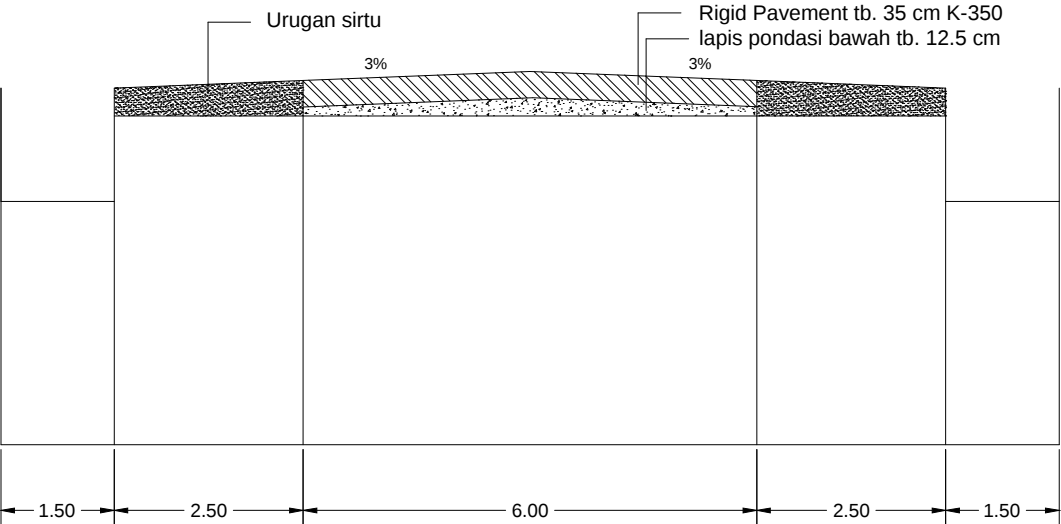
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 1+900 - 2+000		1 : 100
POTONGAN MELINTANG RENCANA STA 1+900 - 2+000		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 1+900 - 2+000
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 1+900 - 2+000
SKALA 1 : 100



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DOSEN PENGAMPU

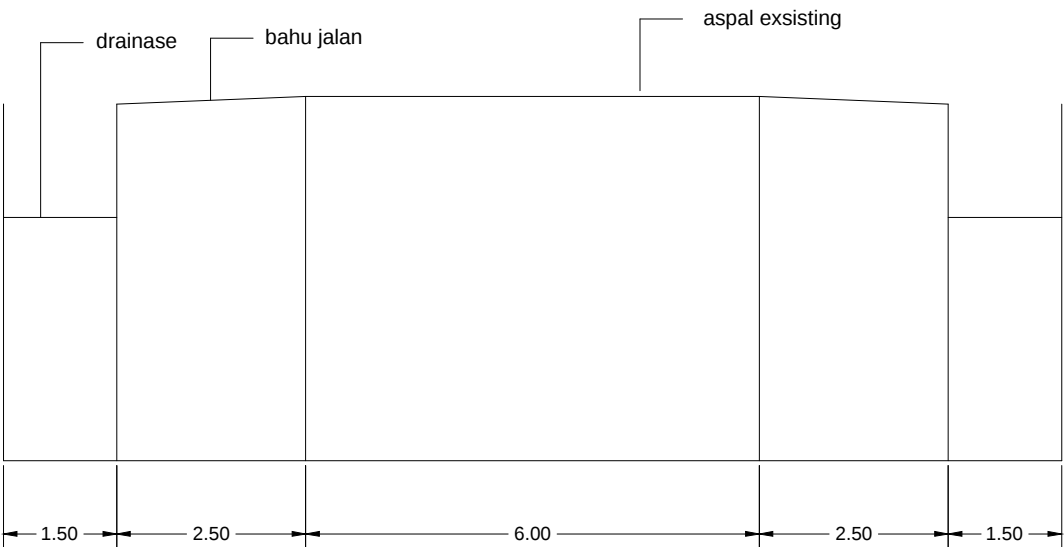
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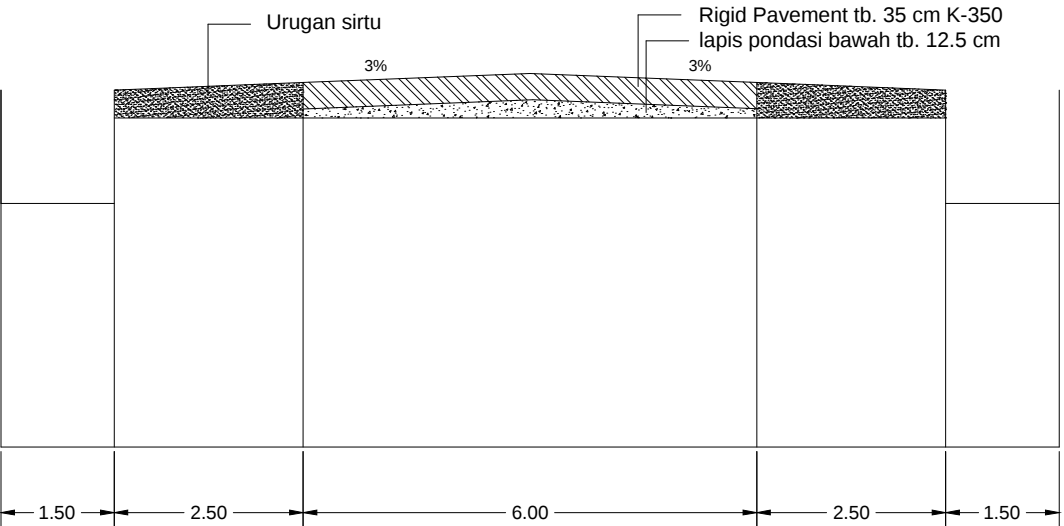
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 2+000 - 2+100		1 : 100
POTONGAN MELINTANG RENCANA STA 2+000 - 2+100		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 2+000 - 2+100
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 2+000 - 2+100
SKALA 1 : 100



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NAMA TUGAS

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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

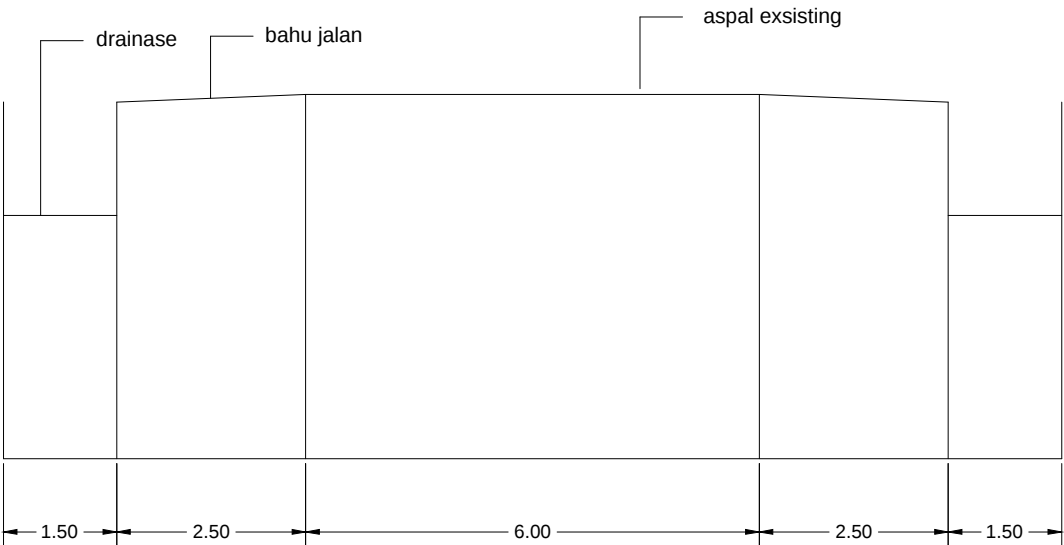
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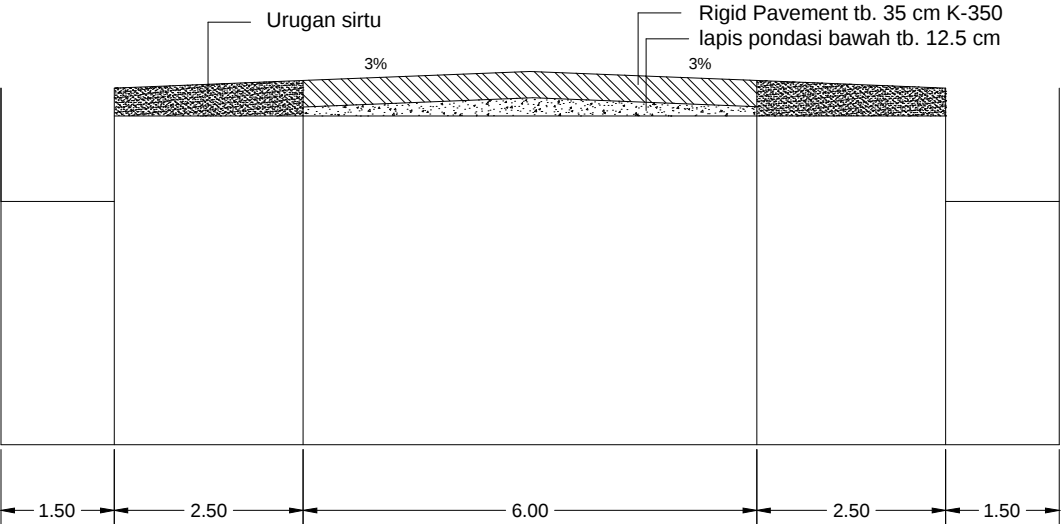
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 2+100 - 2+200		1 : 100
POTONGAN MELINTANG RENCANA STA 2+100 - 2+200		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 2+100 - 2+200
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 2+100 - 2+200
SKALA 1 : 100



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NAMA TUGAS

TUGAS AKHIR
POTONGAN MELINTANG JALAN MAYJEND
SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

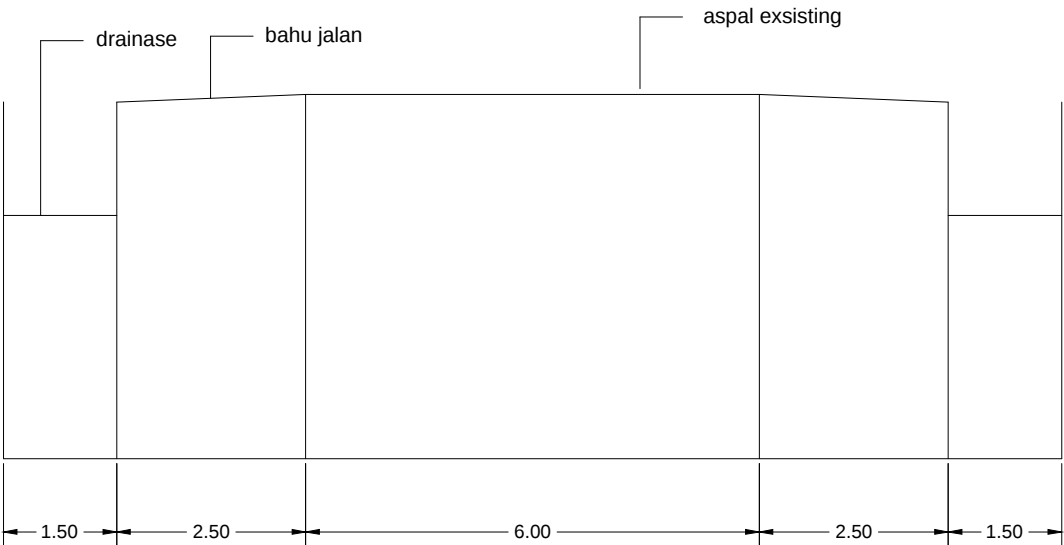
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

DIGAMBAR OLEH :

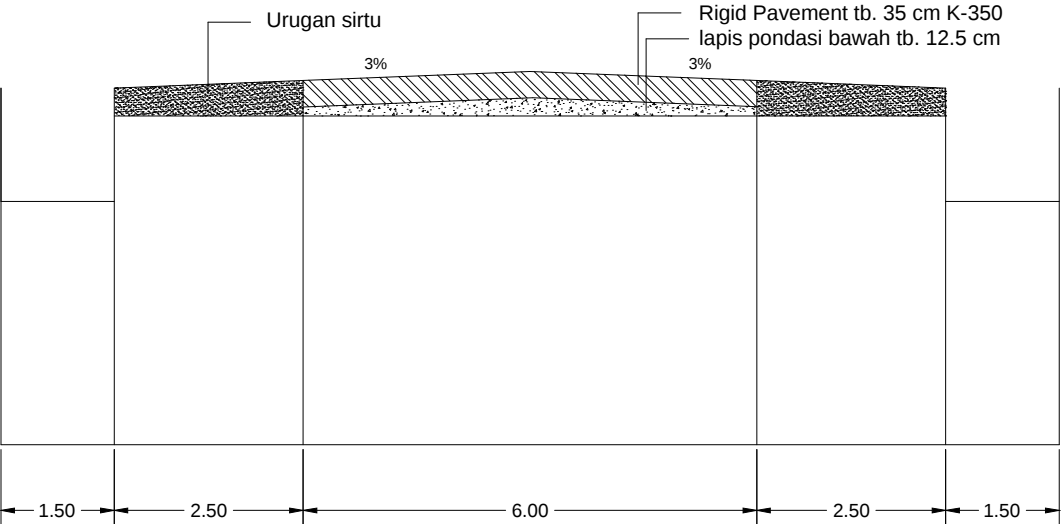
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 2+200 - 2+300		1 : 100
POTONGAN MELINTANG RENCANA STA 2+200 - 2+300		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 2+200 - 2+300
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 2+200 - 2+300
SKALA 1 : 100



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NAMA TUGAS

TUGAS AKHIR
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SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

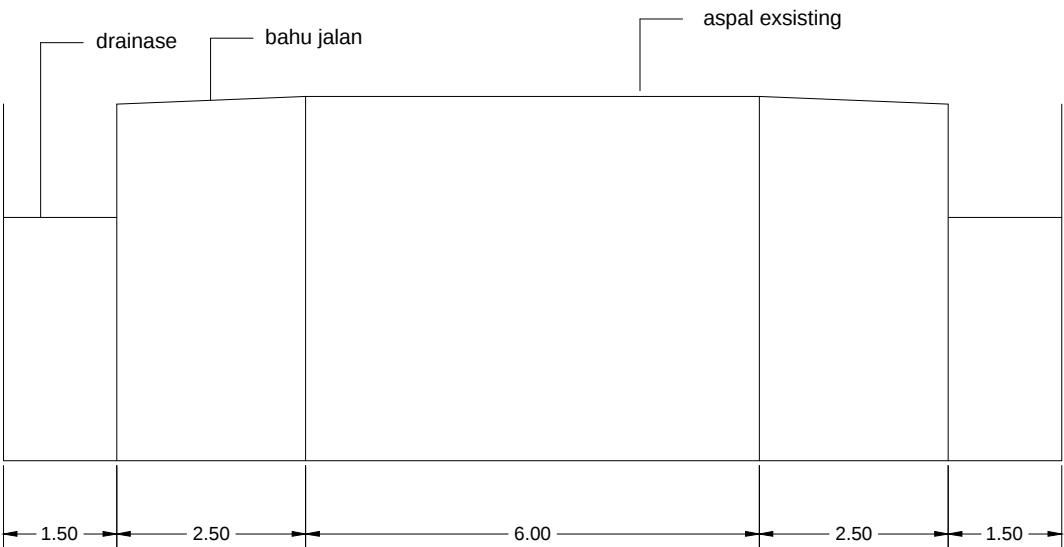
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

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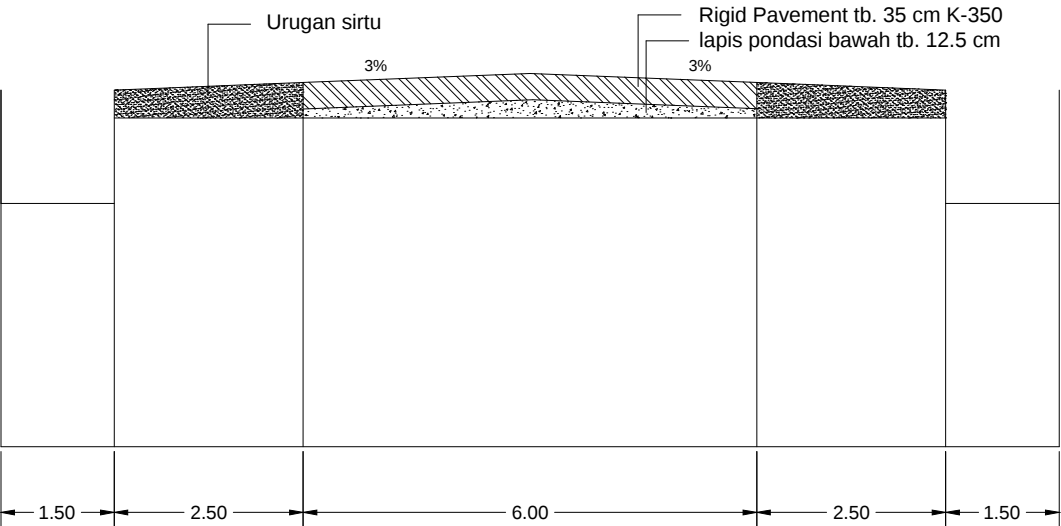
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 2+300 - 2+400		1 : 100
POTONGAN MELINTANG RENCANA STA 2+300 - 2+400		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 2+300 - 2+400
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 2+300 - 2+400
SKALA 1 : 100



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NAMA TUGAS

TUGAS AKHIR
POTONGAN MELINTANG JALAN MAYJEND
SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

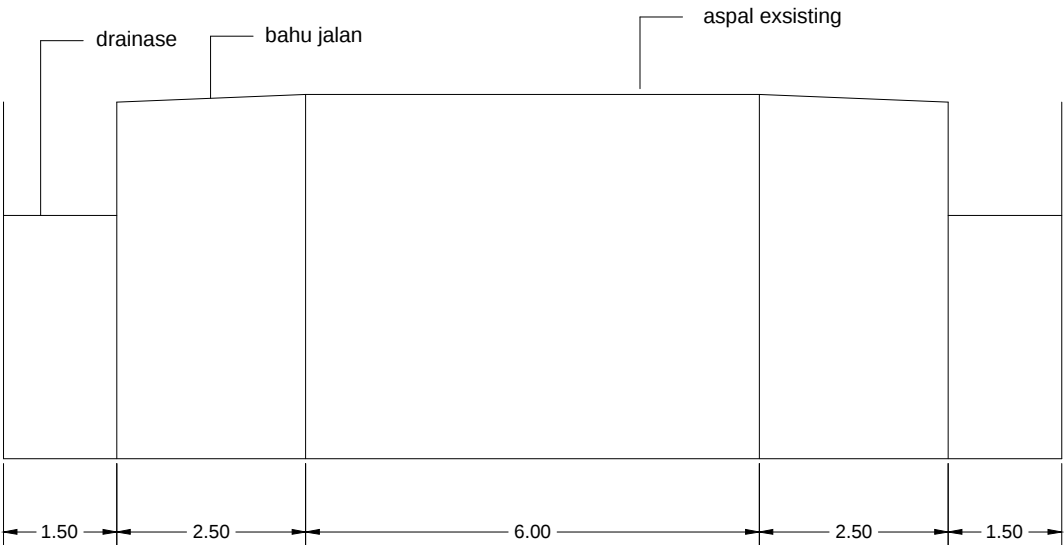
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

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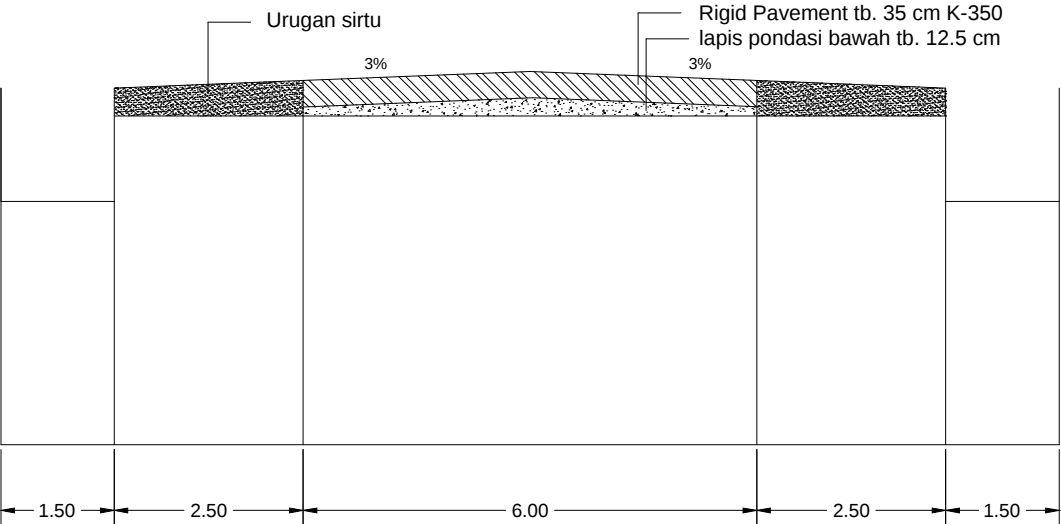
RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
POTONGAN MELINTANG EKSISTING STA 2+400 - 2+500		1 : 100
POTONGAN MELINTANG RENCANA STA 2+400 - 2+500		1 : 100
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



POTONGAN MELINTANG EKSITING STA 2+400 - 2+500
SKALA 1 : 100



POTONGAN MELINTANG RENCANA STA 2+400 - 2+500
SKALA 1 : 100



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NAMA TUGAS

TUGAS AKHIR
POTONGAN MELINTANG JALAN MAYJEND
SUNGKONO - JALAN KEDANYANG

DOSEN PENGAMPU

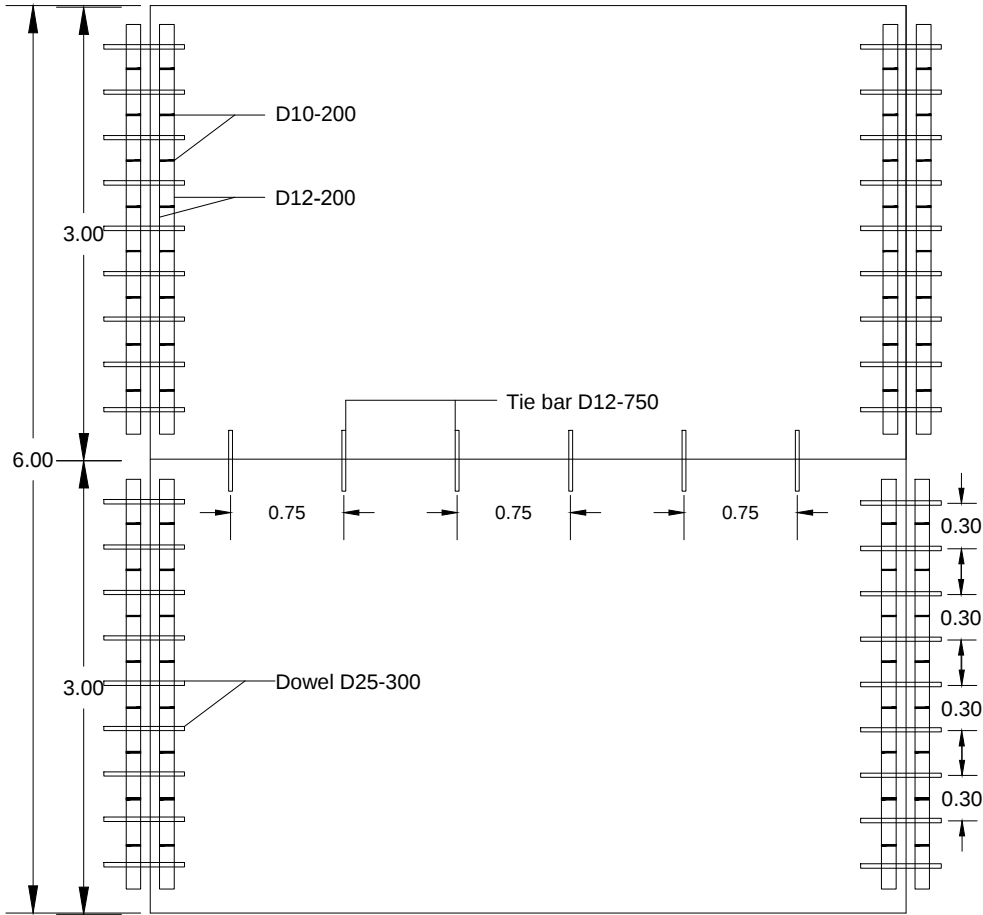
KHOLIDIA AYUNANING, S.T., M.T.
NIP : 06512007367

DIGAMBAR OLEH :

RIDHO MAULANA HAKIM
NIM : 210607006

CATATAN

NAMA GAMBAR		SKALA
DETAIL PEMASANGAN DOWEL DAN TIE BAR		1 : 50
KODE GAMBAR	NO. LEMBAR	JML LEMBAR



DETAIL PEMASANGAN DOWEL DAN TIE BAR
SKALA 1 : 50