

LAMPIRAN

Lampiran 1 : Tabel Perhitungan yang Digunakan Pada Metode PCI

| STA/ KM | Kerusakan/ keparahan | kuantitas | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|-------|------------------|-------------|
| 0+150 s/d 0+200 | 10L | 2,7 | | | 2,7 | 1,08 | 0 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|-------|------------------|-------------|
| 0+200 s/d 0+250 | 5L | 4,5 | | | 4,5 | 1,8 | 3 |
| | 11L | 2 | | | 2 | 0,8 | 0 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|-------|------------------|-------------|
| 0+250 s/d 0+300 | 11L | 9,2 | | | 9,2 | 3,6 | 8 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+300 s/d 0+350 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+350 s/d 0+400 | 10L | 3 | | | | 3 | 1,2 | 0 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+400 s/d 0+450 | 11L | 1,5 | | | | 1,5 | 0,6 | 2 |
| | 5L | 8,3 | | | | 8,3 | 3,32 | 26 |
| | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+450 s/d 0+500 | 11L | 2,5 | | | | 2,5 | 1 | 1 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+500 s/d 0+550 | 13M | 0,8 | | | | 0,8 | 0,32 | 15 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+550 s/d 0+600 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+600 s/d 0+650 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+650 s/d 0+700 | 11L | 1,4 | | | | 1,4 | 0,56 | 0 |
| | 1L | 3 | | | | 3 | 1,2 | 11 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+700 s/d 0+750 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+750 s/d 0+800 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+800 s/d 0+850 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+850 s/d 0+900 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+900 s/d 0+950 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 0+950 s/d 1+000 | 5L | 5 | | | | 5 | 2 | 4 |
| | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+000 s/d 1+050 | 4L | 15 | | | | 15 | 6 | 10 |
| | 11L | 9 | | | | 9 | 3,6 | 8 |
| | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+050 s/d 1+100 | 13M | 0,8 | | | | 0,8 | 0,32 | 14 |
| | 10L | 14 | | | | 14 | 5,6 | 6 |
| | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|-------|------------------|-------------|
| 1+100 s/d 1+150 | 11L | 4,5 | | | 4,5 | 1,8 | 4 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|-------|------------------|-------------|
| 1+150 s/d 1+200 | 13L | 0,7 | | | 0,7 | 0,28 | 8 |
| | 1L | 3,2 | | | 3,2 | 1,28 | 11 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|-----|--|-------|------------------|-------------|
| 1+200 s/d 0+250 | 13L | 0,5 | 0,2 | | 0,7 | 0,28 | 8 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|-------|------------------|-------------|
| 1+250 s/d 1+300 | 4L | 5,4 | | | 5,4 | 2,16 | 6 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+300 s/d 0+350 | 4L | 15 | | | | 15 | 6 | 12 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+350 s/d 0+400 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+400 s/d 0+450 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+450 s/d 1+500 | 1L | 8,3 | | | | 8,3 | 4.1 | 25 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+500 s/d 1+550 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+550 s/d 1+600 | 11L | 2,8 | | | | 2,8 | 1,37 | 4 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+600 s/d 1+650 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+650 s/d 1+700 | 10L | 5,5 | | | | 5,5 | 2,2 | 1 |
| | 11L | 1,5 | | | | 1,5 | 3,7 | 8 |
| | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+700 s/d 1+750 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|---|--|--|-------|------------------|-------------|
| 1+750 s/d 1+800 | 11L | 2 | 7 | | | 9 | 4,40 | 9 |
| | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+800 s/d 1+850 | 1L | 5 | | | | 5 | 2 | 17 |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|-----|--|--|-------|------------------|-------------|
| 1+850 s/d 1+900 | 5L | 3,2 | 3,3 | | | 6,5 | 2,6 | 5 |
| | 10L | 3 | | | | 3 | 1,2 | 0 |
| | | | | | | | | |
| | | | | | | | | |

| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+900 s/d 1+950 | | | | | | | | |
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| STA/ KM | Kerusakan/ keparahan | kuantitas | | | | total | Kerapatan (%) | Nilai DV |
|-----------------------|-------------------------|-----------|--|--|--|-------|------------------|-------------|
| 1+950 s/d 2+000 | 1L | 2 | | | | 2 | 0,8 | 10 |
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Lampiran 2 : Menentukan Jumlah Pengurang Ijin (m) dan Nilai CDV

| STA / KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|--------------|--|--------------------------------|---|---|---|----|-----------------------|-----|----------------------|-----|
| 0+050 -0+100 | # | 4 | 3 | | | | | | | |
| | 1. | 4 | 3 | | | | 7 | 2 | 0 | |
| | 2. | 4 | 2 | | | | 6 | 1 | 6 | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| | $m = 1 + (9/98) \times (100 - 4) = 9,81 > 2$ | | | | | | | | | |
| PCI | = | 100 | - | 4 | = | 96 | Diambil CDV Tertinggi | | Sempurna (excellent) | |

| STA / KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|--------------|---|--------------------------------|---|----|---|----|-----------------------|-----|-------------------------|-----|
| 0+100 -0+150 | # | 17 | 4 | 0 | 0 | | | | | |
| | 1. | 17 | 4 | 0 | 0 | | 21 | 2 | 13 | |
| | 2. | 17 | 2 | 0 | 0 | | 19 | 1 | 19 | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| | $m = 1 + (9/98) \times (100 - 17) = 8,63 > 4$ | | | | | | | | | |
| PCI | = | 100 | - | 19 | = | 81 | Diambil CDV Tertinggi | | Sangat Baik (very good) | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|--|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+150 -0+200 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI = 100 - 0 = 100 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---|-----|--------------------------------|---|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+200 -0+250 | # | 3 | 0 | | | | | | | | |
| | 1. | 3 | 0 | | | | | | 3 | 1 | 3 |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| $m = 1 + (9/98) \times (100 - 3) = 9,90 > 2$ | | | | | | | | | | | |
| PCI = 100 - 3 = 97 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---|-----|--------------------------------|--|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+250 -0+300 | # | 8 | | | | | | | | | |
| | 1. | 8 | | | | | | | 8 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI = 100 - 8 = 92 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | |
| 0+300 -0+350 | # | | | | | | | | | |
| | 1. | 0 | | | | | | 0 | - | - |
| | 2. | | | | | | | | | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| PCI = 100 - 0 = 100 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | |
| 0+350 -0+400 | # | | | | | | | | | |
| | 1. | 0 | | | | | | 0 | - | - |
| | 2. | | | | | | | | | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| PCI = 100 - 0 = 100 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|---|-----|--------------------------------|----|---|--|--|--|-----|---|-----|
| | | # | 26 | 2 | | | | | | |
| 0+400 -0+450 | 1. | 26 | 2 | | | | | 28 | 1 | 28 |
| | 2. | | | | | | | | | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| $m = 1 + (9/98) \times (100 - 26) = 7,79 > 2$ | | | | | | | | | | |
| PCI = 100 - 28 = 72 Diambil CDV Tertinggi Sangat Baik (very good) | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--------------|-----|--------------------------------|---|---|---|----|-----------------------------|-------------------------|-----|---|-----|
| 0+450 -0+500 | # | 1 | | | | | | | | | |
| | 1. | 1 | | | | | | 1 | - | - | |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI | = | 100 | - | 1 | = | 99 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--------------|-----|--------------------------------|---|----|---|----|-----------------------------|-------------------------|-----|---|-----|
| 0+500 -0+550 | # | | | | | | | | | | |
| | 1. | 15 | | | | | | 15 | - | - | |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI | = | 100 | - | 15 | = | 85 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--------------|-----|--------------------------------|---|---|---|-----|-----------------------------|-------------------------|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+550 -0+600 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | 0 | - | - | |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI | = | 100 | - | 0 | = | 100 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|--|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+600 -0+650 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI = 100 - 0 = 100 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|---|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+650 -0+700 | # | 11 | 0 | | | | | | | | |
| | 1. | 11 | 0 | | | | | | 11 | 1 | 11 |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| $m = 1 + (9/98) \times (100 - 11) = 9,17 > 2$ | | | | | | | | | | | |
| PCI = 100 - 11 = 89 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|--|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+700 -0+750 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI = 100 - 0 = 100 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|--|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+750 -0+800 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI = 100 - 0 = 100 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|--|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+800 -0+850 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI = 100 - 0 = 100 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---|-----|--------------------------------|--|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+850 -0+900 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| $m = 1 + (9/98) \times (100 -) = 7,98 > 5$ | | | | | | | | | | | |

| | | | | | | | | |
|-----|---|-----|---|---|---|-----|-----------------------|----------------------|
| PCI | = | 100 | - | 0 | = | 100 | Diambil CDV Tertinggi | Sempurna (excellent) |
|-----|---|-----|---|---|---|-----|-----------------------|----------------------|

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--------------|-----|--------------------------------|---|---|---|-----|-----------------------|----------------------|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 0+900 -0+950 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| | | | | | | | | | | | |
| PCI | = | 100 | - | 0 | = | 100 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--------------|-----|--------------------------------|---|---|---|----|-----------------------|----------------------|-----|---|-----|
| | | | | | | | | | | | |
| 0+950 -1+000 | # | | | | | | | | | | |
| | 1. | 4 | | | | | | | 4 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| | | | | | | | | | | | |
| PCI | = | 100 | - | 4 | = | 96 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---|-----|--------------------------------|---|--|--|--|--|--|-----|---|-----|
| | | | | | | | | | | | |
| 1+000 -1+050 | # | 10 | 8 | | | | | | | | |
| | 1. | 10 | 8 | | | | | | 18 | 2 | 13 |
| | 2. | 10 | 2 | | | | | | 12 | 1 | 12 |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| $m = 1 + (9/98) \times (100 - 10) = 9,26 > 2$ | | | | | | | | | | | |

| | | | | | | | | |
|-----|---|-----|---|----|---|----|-----------------------------|-------------------------|
| PCI | = | 100 | - | 13 | = | 87 | Diambil CDV Tertinggi | Sempurna (excellent) |
|-----|---|-----|---|----|---|----|-----------------------------|-------------------------|

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|---|-----|--------------------------------|---|----|---|----|-----------------------------|----------------------------|----|-----|
| 1+050 -1+100 | # | 14 | 6 | | | | | | | |
| | 1. | 14 | 6 | | | | 20 | 2 | 14 | |
| | 2. | 14 | 2 | | | | 16 | 1 | 16 | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| $m = 1 + (9/98) \times (100 - 14) = 8,89 > 2$ | | | | | | | | | | |
| PCI | = | 100 | - | 16 | = | 84 | Diambil CDV Tertinggi | Sangat baik (very good) | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|--------------|-----|--------------------------------|---|---|---|----|-----------------------------|-------------------------|---|-----|
| 1+100 -1+150 | # | 4 | | | | | | | | |
| | 1. | 4 | | | | | 4 | - | - | |
| | 2. | | | | | | | | | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| PCI | = | 100 | - | 4 | = | 96 | Diambil CDV Tertinggi | Sempurna (excellent) | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|---|--|--|--|----|-----|------|-----|
| 1+150 -1+200 | # | 11 | 8 | | | | | | | |
| | 1. | 11 | 8 | | | | 19 | 2 | 13,5 | |
| | 2. | 11 | 2 | | | | 13 | 1 | 13 | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| $m = 1 + (9/98) \times (100 - 11) = 10,18 > 2$ | | | | | | | | | | |

| | | | | | | | | |
|-----|---|-----|---|------|---|------|-----------------------------|-------------------------|
| PCI | = | 100 | - | 13,5 | = | 86,5 | Diambil CDV Tertinggi | Sempurna (excellent) |
|-----|---|-----|---|------|---|------|-----------------------------|-------------------------|

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|---------------|-----|--------------------------------|---|---|---|----|-----------------------------|-------------------------|---|-----|
| 1+200 - 1+250 | # | 8 | | | | | | | | |
| | 1. | 8 | | | | | 8 | - | - | |
| | 2. | | | | | | | | | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| PCI | = | 100 | - | 8 | = | 92 | Diambil CDV Tertinggi | Sempurna (excellent) | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TD V | q | CD V |
|---------------|-----|--------------------------------|---|---|---|----|-----------------------------|-------------------------|---|---------|
| 1+250 - 1+300 | # | 6 | | | | | | | | |
| | 1. | 6 | | | | | 6 | - | - | |
| | 2. | | | | | | | | | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| PCI | = | 100 | - | 6 | = | 94 | Diambil CDV Tertinggi | Sempurna (excellent) | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|---------------|-----|--------------------------------|--|--|--|--|----|-----|---|-----|
| 1+300 - 1+350 | # | 12 | | | | | | | | |
| | 1. | 12 | | | | | 12 | - | - | |
| | 2. | | | | | | | | | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| | | | | | | | | | | |

| | | | | | | | | |
|-----|---|-----|---|----|---|----|-----------------------------|-------------------------|
| PCI | = | 100 | - | 12 | = | 88 | Diambil CDV Tertinggi | Sempurna (excellent) |
|-----|---|-----|---|----|---|----|-----------------------------|-------------------------|

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---------------|-----|--------------------------------|---|---|---|-----|-----------------------------|-------------------------|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 1+350 - 1+400 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| | | | | | | | | | | | |
| PCI | = | 100 | - | 0 | = | 100 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---------------|-----|--------------------------------|---|---|---|-----|-----------------------------|-------------------------|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 1+400 - 1+450 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| | | | | | | | | | | | |
| PCI | = | 100 | - | 0 | = | 100 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TD V | q | CD V |
|---------------|-----|--------------------------------|--|--|--|--|--|--|---------|---|---------|
| | | Tidak ada kerusakan | | | | | | | | | |
| 1+450 - 1+500 | # | 25 | | | | | | | | | |
| | 1. | 25 | | | | | | | 25 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |

| | | | | | | | | |
|-----|---|-----|---|----|---|----|-----------------------|-------------------------|
| PCI | = | 100 | - | 25 | = | 75 | Diambil CDV Tertinggi | Sangat baik (very good) |
|-----|---|-----|---|----|---|----|-----------------------|-------------------------|

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---------------|-----|--------------------------------|---|---|---|-----|-----------------------|----------------------|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 1+500 - 1+550 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI | = | 100 | - | 0 | = | 100 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---------------|-----|--------------------------------|---|---|---|----|-----------------------|----------------------|-----|---|-----|
| | | | | | | | | | | | |
| 1+550 - 1+600 | # | 4 | | | | | | | | | |
| | 1. | 4 | | | | | | | 4 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI | = | 100 | - | 4 | = | 96 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|--|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 1+600 - 1+650 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI = 100 - 0 = 100 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---|-----|--------------------------------|---|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 1+650 - 1+700 | # | 8 | 1 | | | | | | | | |
| | 1. | 8 | 1 | | | | | | 9 | 1 | 9 |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| $m = 1 + (9/98) \times (100 - 8) = 9,44 > 2$ | | | | | | | | | | | |
| PCI = 100 - 9 = 91 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|--|-----|--------------------------------|--|--|--|--|--|--|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 1+700 - 1+750 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | | 0 | - | - |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| PCI = 100 - 0 = 100 Diambil CDV Tertinggi Sempurna (excellent) | | | | | | | | | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---------------|-----|--------------------------------|---|---|---|----|-----------------------------|-------------------------|-----|---|-----|
| 1+750 - 1+800 | # | 9 | | | | | | | | | |
| | 1. | 9 | | | | | | 9 | - | - | |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| | | | | | | | | | | | |
| PCI | = | 100 | - | 9 | = | 91 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---------------|-----|--------------------------------|---|----|---|----|-----------------------------|----------------------------|-----|---|-----|
| 1+800 - 1+850 | # | 17 | | | | | | | | | |
| | 1. | 17 | | | | | | - | - | - | |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| | | | | | | | | | | | |
| PCI | = | 100 | - | 17 | = | 83 | Diambil CDV Tertinggi | Sangat baik (very good) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | | TDV | q | CDV |
|---------------|-----|--------------------------------|---|---|---|-----|-----------------------------|-------------------------|-----|---|-----|
| | | Tidak ada kerusakan | | | | | | | | | |
| 1+850 - 1+900 | # | | | | | | | | | | |
| | 1. | 0 | | | | | | 0 | - | - | |
| | 2. | | | | | | | | | | |
| | 3. | | | | | | | | | | |
| | 4. | | | | | | | | | | |
| | | | | | | | | | | | |
| PCI | = | 100 | - | 0 | = | 100 | Diambil CDV Tertinggi | Sempurna (excellent) | | | |

| STA/ KM | No. | Nilai Pengurang (Deduct Value) | | | | | | TDV | q | CDV |
|--------------|-----|--------------------------------|---|----|---|----|-----------------------------|-------------------------|---|-----|
| 1+900 -2+000 | # | 10 | | | | | | | | |
| | 1. | 10 | | | | | | 10 | - | - |
| | 2. | | | | | | | | | |
| | 3. | | | | | | | | | |
| | 4. | | | | | | | | | |
| PCI | = | 100 | - | 10 | = | 90 | Diambil CDV Tertinggi | Sempurna (excellent) | | |



Dokumentasi Foto kerusakan pada ambblas pada STA/KM 0+017



Dokumentasi Foto kerusakan pada lubang pada STA/KM 0+512



Dokumentasi Foto kerusakan pada retak memanjang pada STA/KM 0+024



Dokumentasi Foto kerusakan pada retak kulit buaya pada STA/KM 0+127



Dokumentasi Foto kerusakan pada tambalan pada STA/KM 0+010

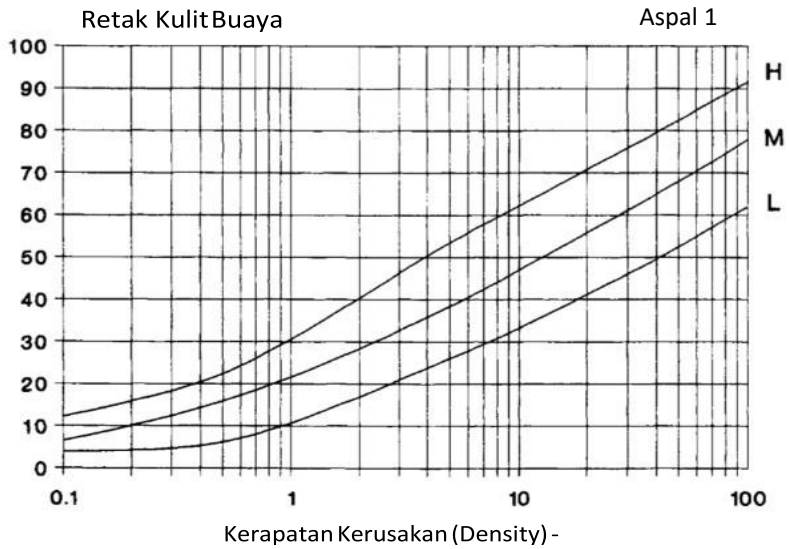


Dokumentasi Foto Kerusakan pada permukaan turun pada STA/KM 0+039



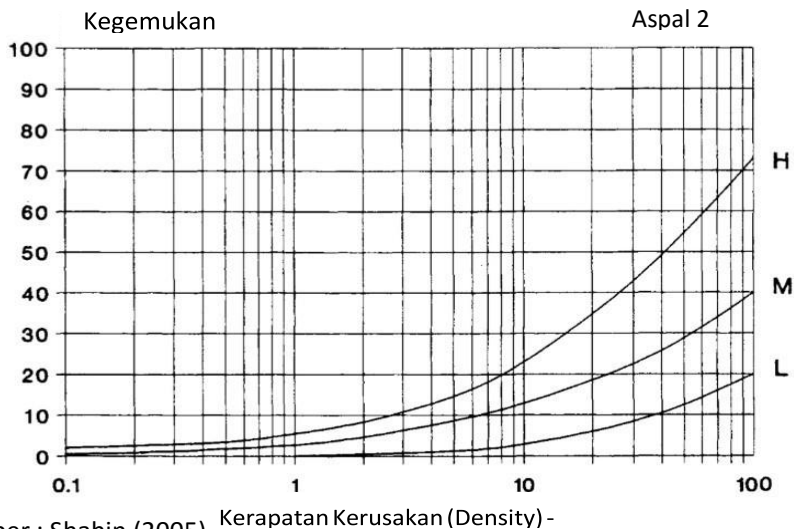
Dokumentasi Foto kerusakan pada bergelombang pada STA/KM 0+068

Lampiran 4: grafik untuk mencari nilai DV



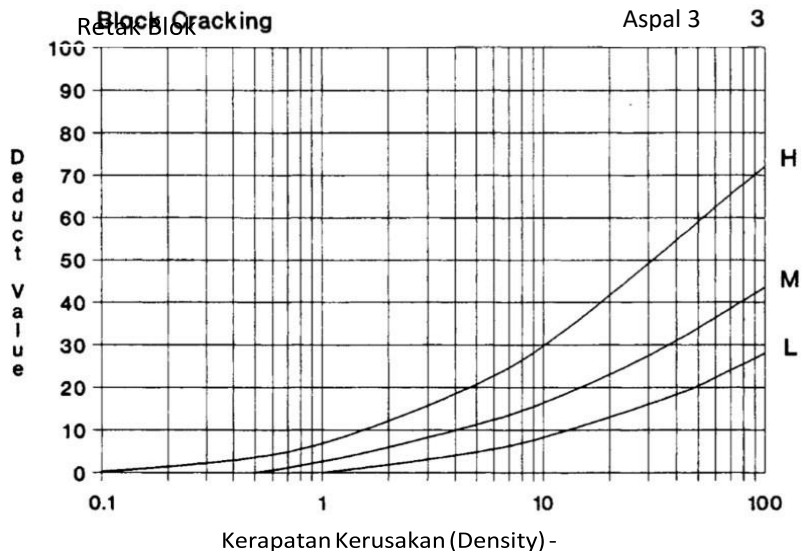
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan kulit buaya (Alligator Craking)



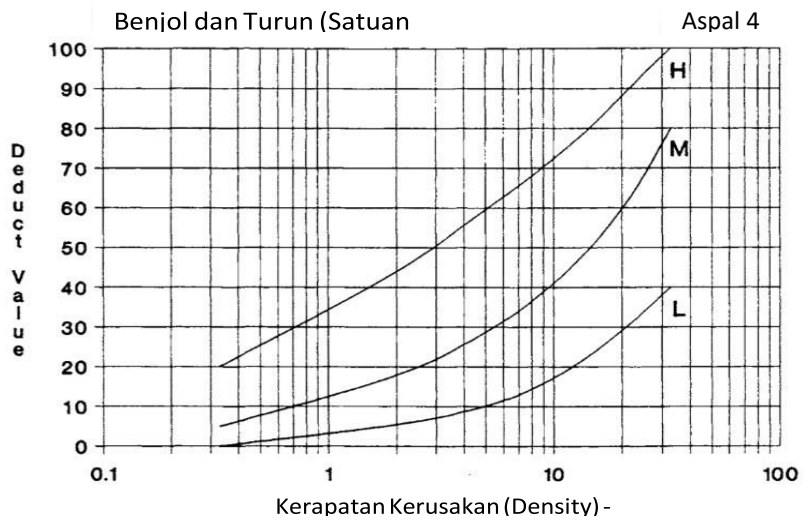
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Kegemukan (Bleeding)



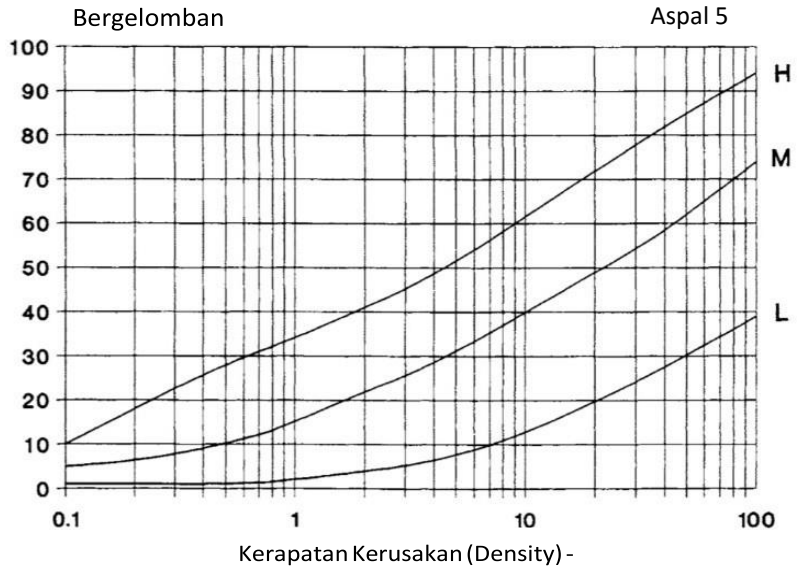
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Retak blok (Block craking)



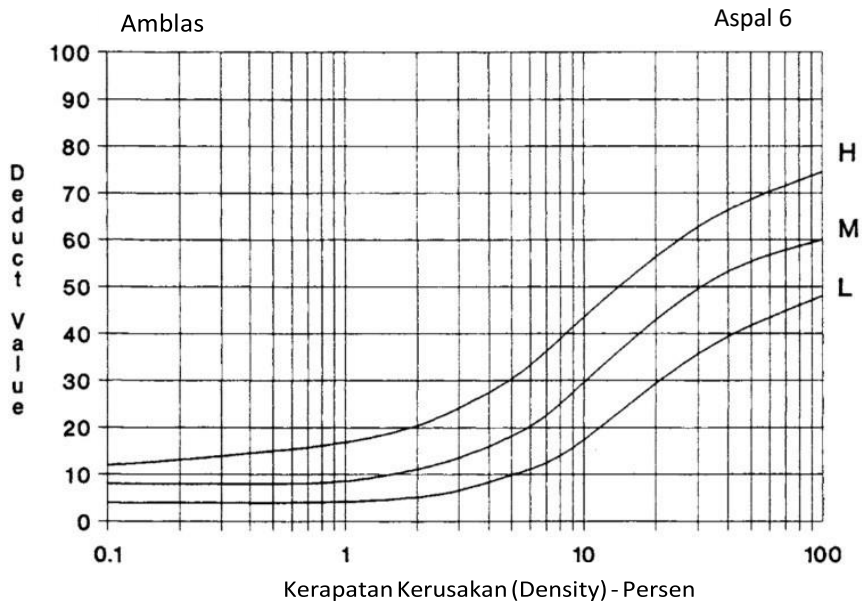
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Benjol dan turun (Bumb and sags)



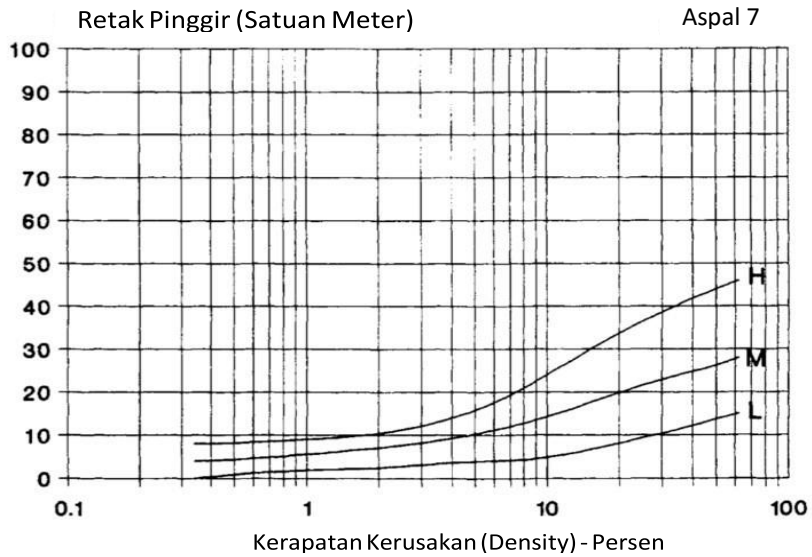
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Bergelombang (Corrugation)



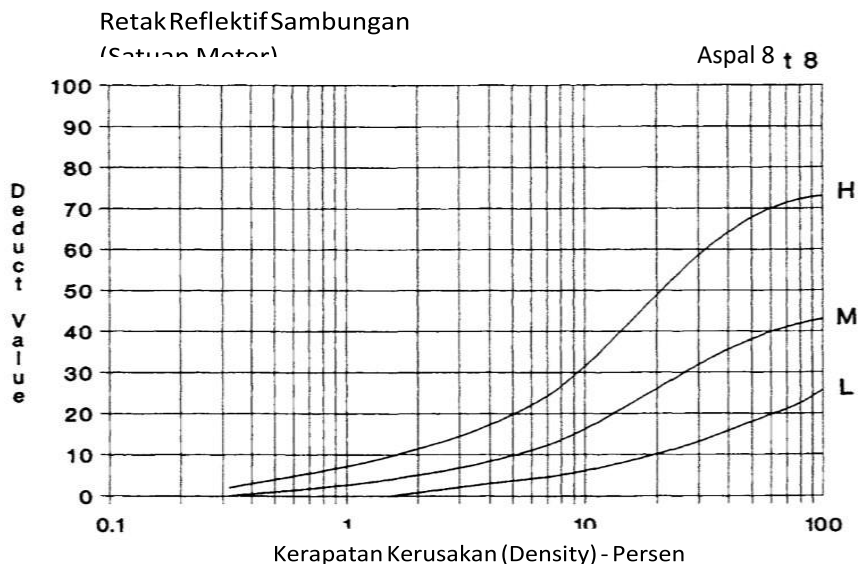
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Amblas (Depression)



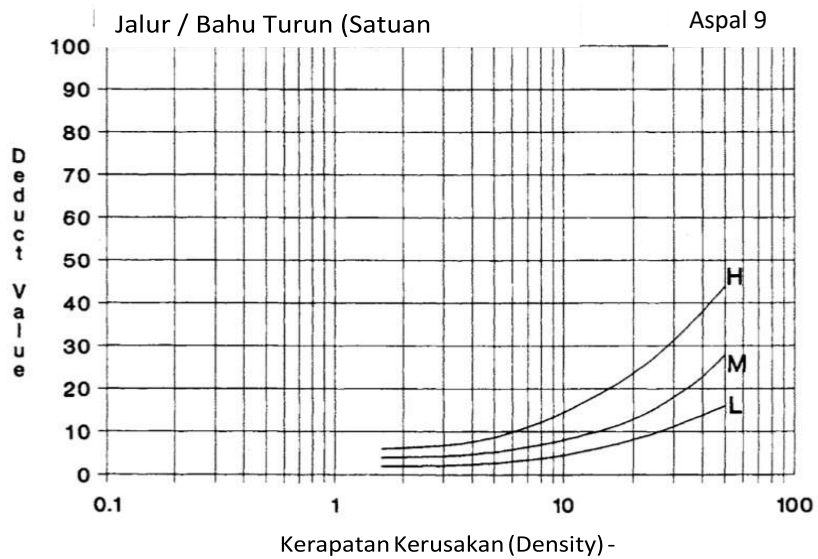
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Retak pinggir (Edge craking)



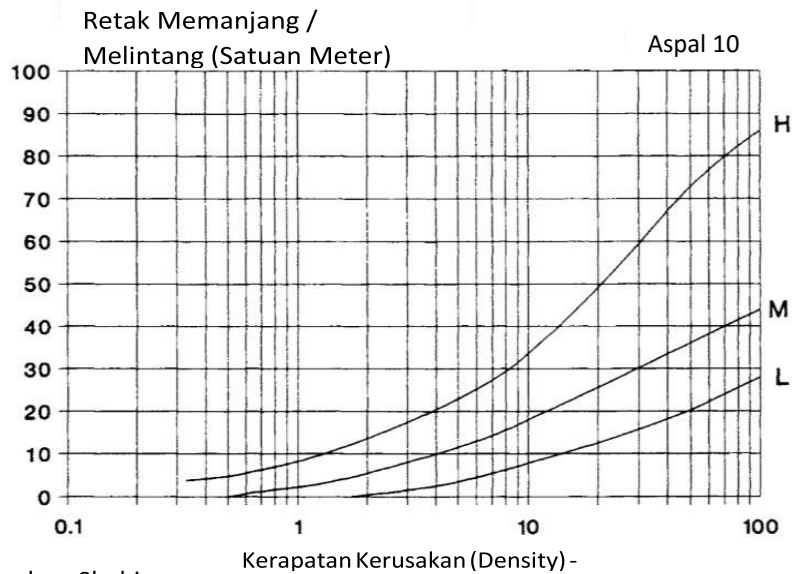
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Retak reflektif sambungan (Joint reflection craking)



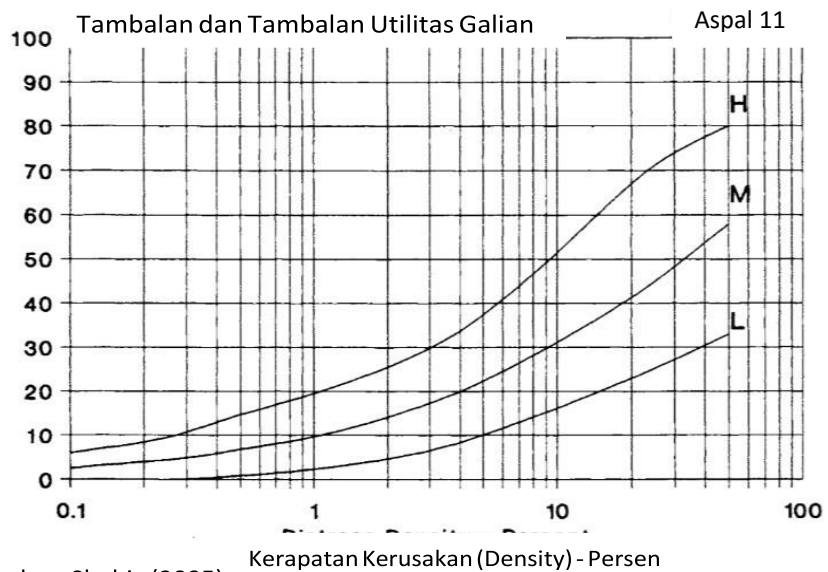
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Jalur/bahu turun (Lane/shoulder drop off)



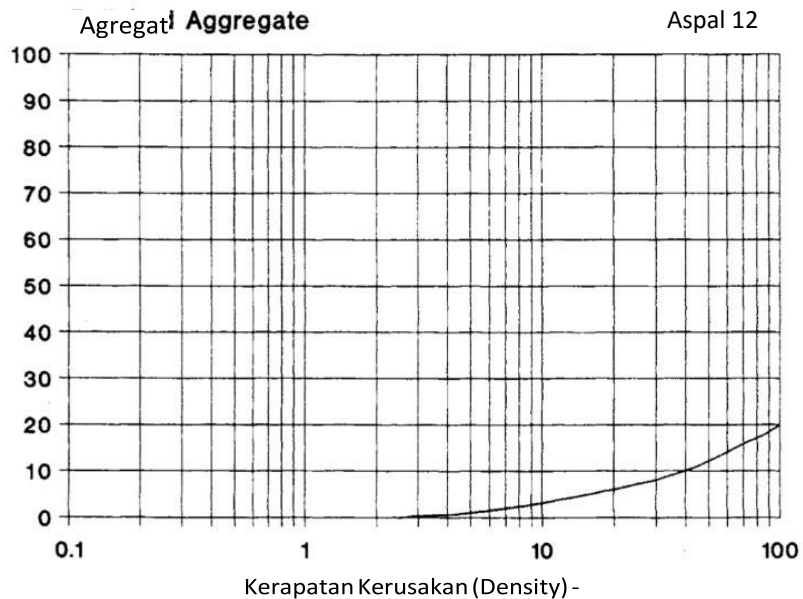
Sumber:Shahin

Gambar grafik untuk memperoleh nilai DV pada kerusakan Retak memanjang/melintang (Longitudinal/transverse cracking)



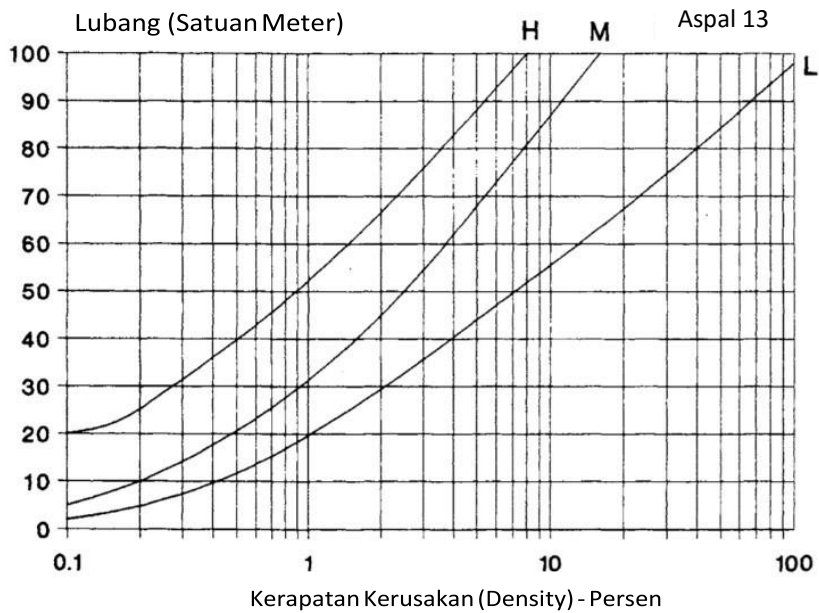
Sumber: Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan tambalan (Patching)



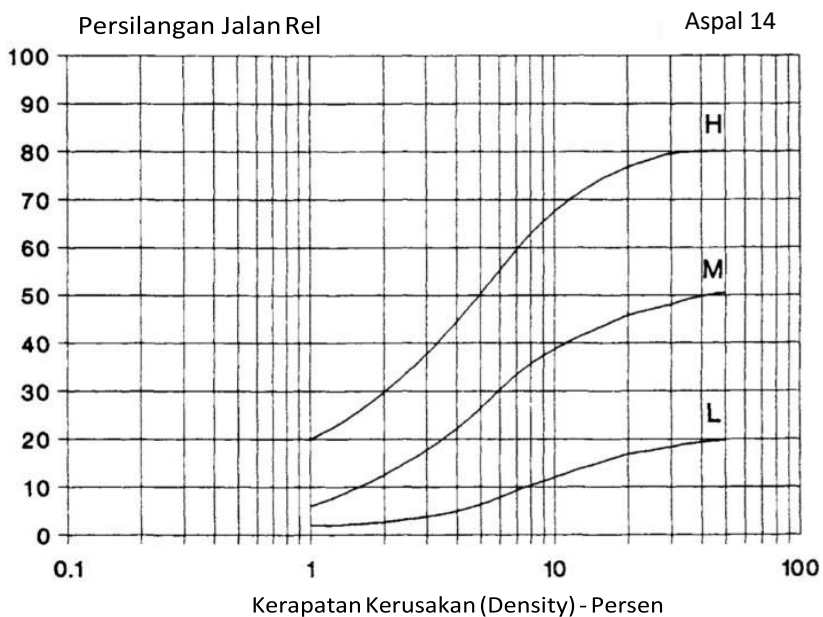
Sumber: Shahin

Gambar grafik untuk memperoleh nilai DV pada kerusakan Agregat licin (Polished aggregate)



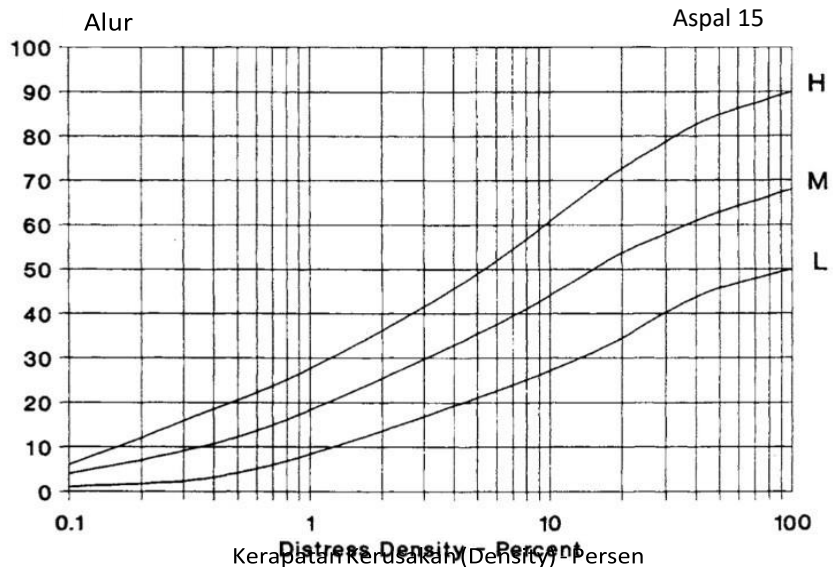
Sumber: Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Lubang (Potholes)



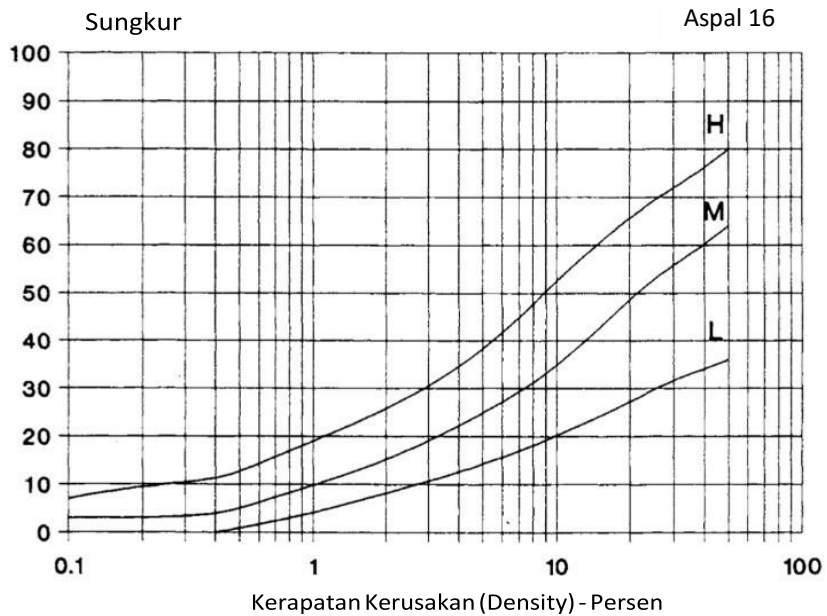
Sumber: Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan persilangan jalan rel (Railroad crossing)



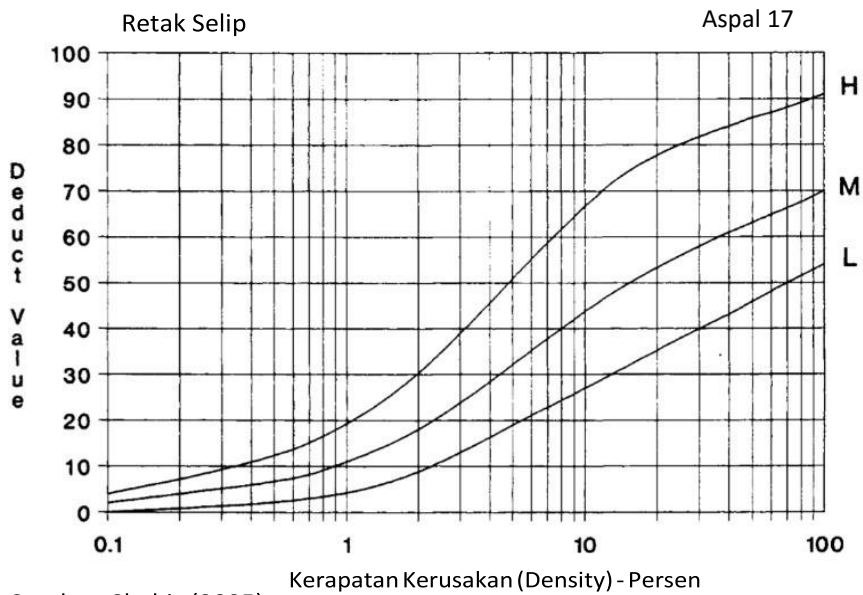
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Alur (Rutting)



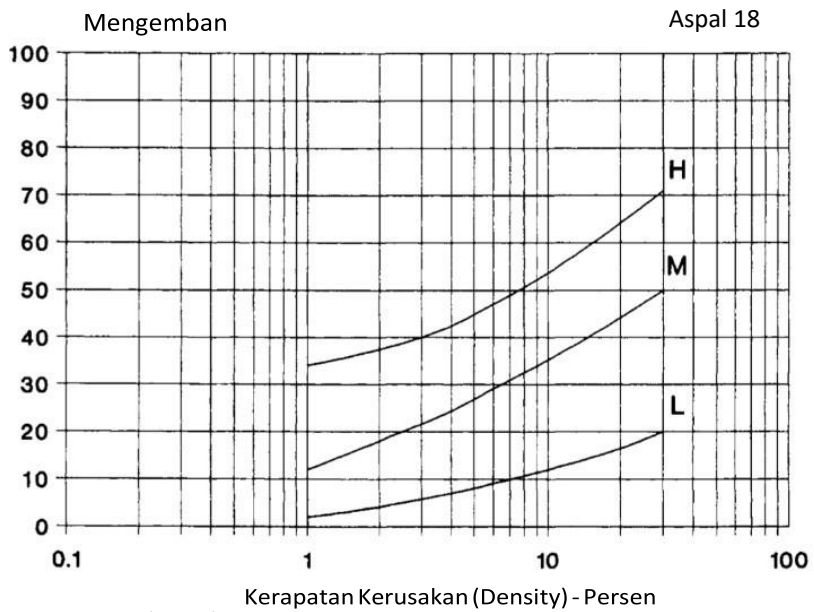
Sumber : Shahin (2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Sungkur (Shoving)



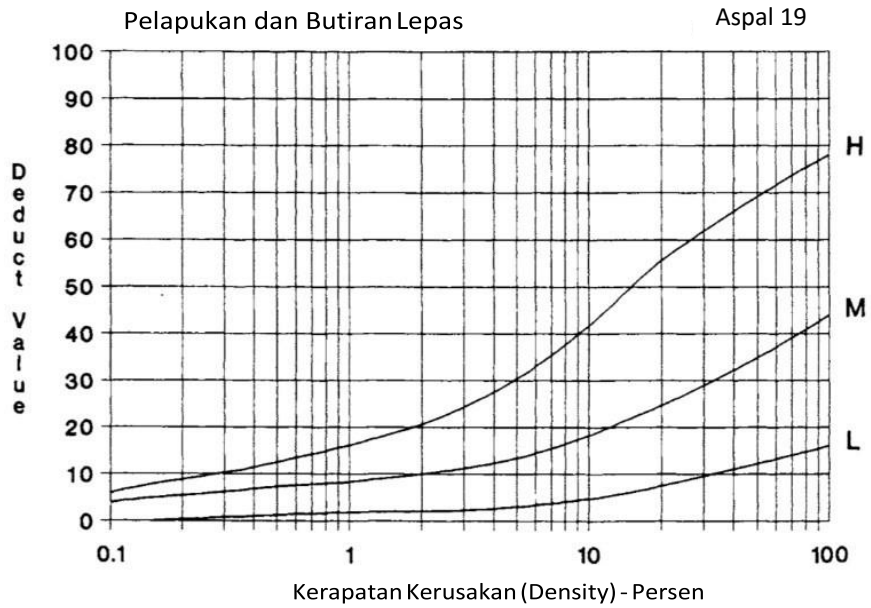
Sumber: Shahin(2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Retak slip (Slipage cracking)



Sumber: Shahin(2005)

Gambar grafik untuk memperoleh nilai DV pada kerusakan Mengembang (Swell)



Sumber : Shahin (2005)

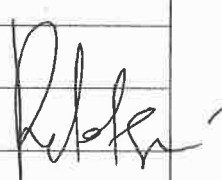
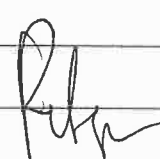
Gambar grafik untuk memperoleh nilai DV pada kerusakan Pelapukan dan butiran lepas (Wheatering and ravelingn)

PERINTAH REVISI


Yang bertanda tangan di bawah ini, Dosen Penguji Sidang Tugas Akhir (TA) Semester Gasal/Genap tahun Dari Mahasiswa Program Studi Teknik Sipil :

N a m a : David Kurniawan .
N. B. I. : 1431502260

Memerintahkan untuk merevisi Ujian / Sidang Tugas Akhir (TA) Sebagai berikut :

| No. | REVISI | BAB | HALAMAN |
|-----|---|-----|--|
| 1. | Lampiran ditulis secara lengkap . | | |
| 2. | Berikan penjelasan pada tabel maupun grafik . | | |
| 3. | Berikan contoh perhitungan μ / mem- perjelas perhitungan | |  |
| 4 | Lakukan ^{tbl} Analisa tingkat Kerucaka Jalan Tetapan | |  |
| | | | |
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| | | | |

Surabaya, 5-11-2010
Mengetahui Penguji :


RETNO TRIMURTI N. S. MT