

DAFTAR GAMBAR

Gambar 2.1 Jaringan Drainase Pola Siku.....	9
Gambar 2.2 Jaringan Drainase Pola Pararel.....	9
Gambar 2.3 Jaringan Drainase Pola <i>Grid Iron</i>	10
Gambar 2.4 Jaringan Drainase Pola Alamiah	10
Gambar 2.5 Jaringan Drainase Pola Radial.....	11
Gambar 2.6 Jaringan Drainase Pola Jaring-Jaring	11
Gambar 2.7 Metode Thiessen	14
Gambar 2.8 Penyebaran Beban Roda Melalui Lapisan Perkerasan Jalan.....	38
Gambar 2.9 Retak Kulit Buaya (<i>Alligator Cracking</i>)	42
Gambar 2.10 <i>Deduct Value Alligator Cracking</i>	42
Gambar 2.11 Kegemukan (<i>Bleeding</i>).....	43
Gambar 2.12 <i>Deduct Value Bleeding</i>	44
Gambar 2.13 Retak Kotak-kotak (<i>Block Cracking</i>).....	45
Gambar 2.14 <i>Deduct Value Block Cracking</i>	45
Gambar 2.15 <i>Deduct Value Bump and Sags</i>	47
Gambar 2.16 Keriting (<i>Corrugation</i>).....	48
Gambar 2.17 <i>Deduct Value Corrugation</i>	49
Gambar 2.18 Amblas (<i>Depression</i>).....	50
Gambar 2.19 <i>Deduct Value Depression</i>	50

Gambar 2.20 Retak Pinggir (<i>Edge Cracking</i>)	51
Gambar 2.21 <i>Deduct Value Retak Pinggir Edge Cracking</i>	52
Gambar 2.22 <i>Deduct Value Joint Reflection Cracking</i>	53
Gambar 2.23 <i>Deduct Value Lane / Shoulder Drop Off</i>	54
Gambar 2.24 <i>Deduct Value Longitudinal and Transverse Cracking</i>	55
Gambar 2.25 Tambalan (<i>Patching</i>).....	56
Gambar 2.26 <i>Deduct Value Patching</i>	56
Gambar 2.27 Pengausan (<i>Polished Agregat</i>)	57
Gambar 2.28 <i>Deduct Value Pengausan Polished Agregat</i>	57
Gambar 2.29 Lubang (<i>Potholes</i>)	58
Gambar 2.30 <i>Deduct Value Potholes</i>	59
Gambar 2.31 <i>Deduct Value Railroad Crossing</i>	60
Gambar 2.32 Alur (<i>Rutting</i>)	61
Gambar 2.33 <i>Deduct Value Rutting</i>	61
Gambar 2.34 Sungkur (<i>Shoving</i>).....	62
Gambar 2.35 <i>Deduct Value Shoving</i>	62
Gambar 2.36 <i>Deduct Value Slippage Cracking</i>	63
Gambar 2.37 Mengembang (<i>Swell</i>).....	64
Gambar 2.38 <i>Deduct Value Swell</i>	64
Gambar 2.39 Pelepasan Butir (<i>Raveling and Weathering</i>).....	65

Gambar 2.40 <i>Deduct Value Raveling and Weathering</i>	66
Gambar 2.41 Koreksi Kurva untuk Jalan dengan Perkerasan Aspal	68
Gambar 2.42 Diagram Nilai PCI.....	70
Gambar 3.1 Lokasi Penelitian	73
Gambar 3.2 <i>Flow Chart</i> Penelitian	76
Gambar 4.1 Luas Pengaruh Pos Curah Hujan.....	79
Gambar 4.2 Grafik Intensitas Hujan Rencana dalam 24 Jam	90
Gambar 4.3 Trase Jalan, DTA dan Penggunaan Lahan	91
Gambar 4.4 Tampang Saluran Drainase STA 2+400 – STA 2+500.....	97
Gambar 4.5 <i>Deduct Value Potholes</i>	102
Gambar 4.6 <i>Deduct Value Aligator Cracking</i>	103
Gambar 4.7 <i>Deduct Value Raveling and Weathering</i>	104
Gambar 4.8 <i>Corrected Deduct Value (CDV) 1+900 – STA 2+000</i>	106
Gambar 4.9 Persentase Kerusakan Nilai Kondisi Jalan.....	110
Gambar 4.10 Persentase Luasan Jenis Kerusakan Perkerasan Jalan.....	112
Gambar 4.11 Grafik Perbandingan Kondisi Drainase dengan Rating PCI	113
Gambar 4.12 Grafik Perbandingan Kondisi Drainase dengan Luas Kerusakan .	115
Gambar 4.13 Perbandingan Kondisi Drainase, Kondisi Drainase dan Luas Kerusakan.....	118
Gambar 4.14 Grafik Uji Hipotesis	120