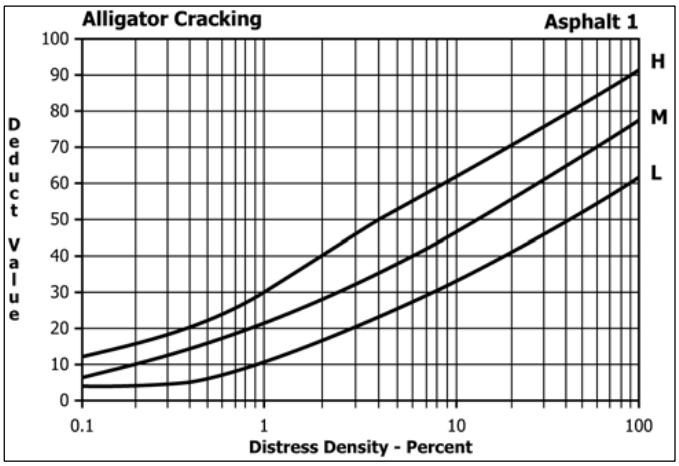
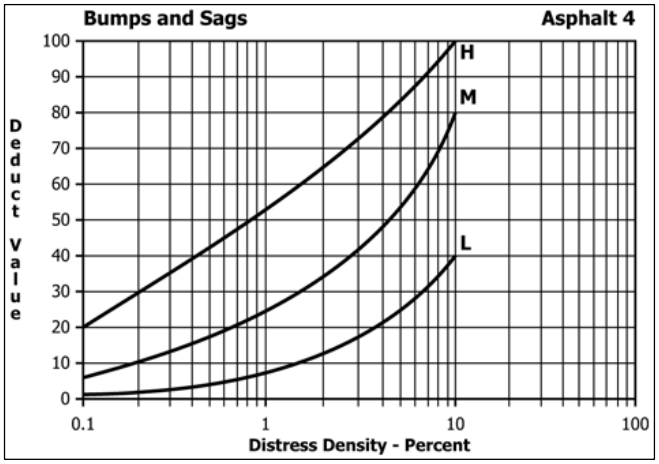
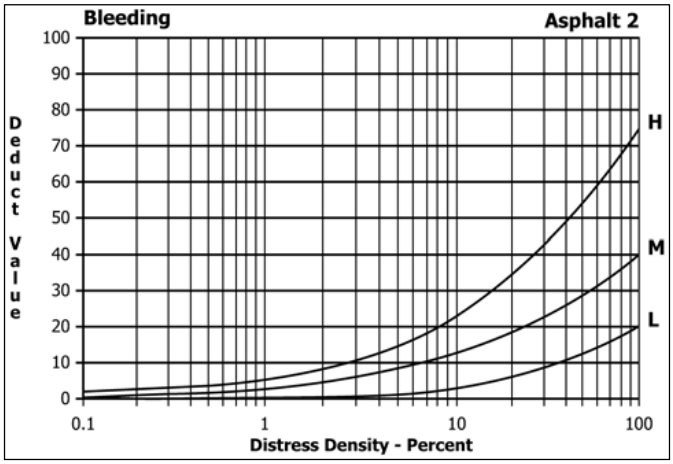
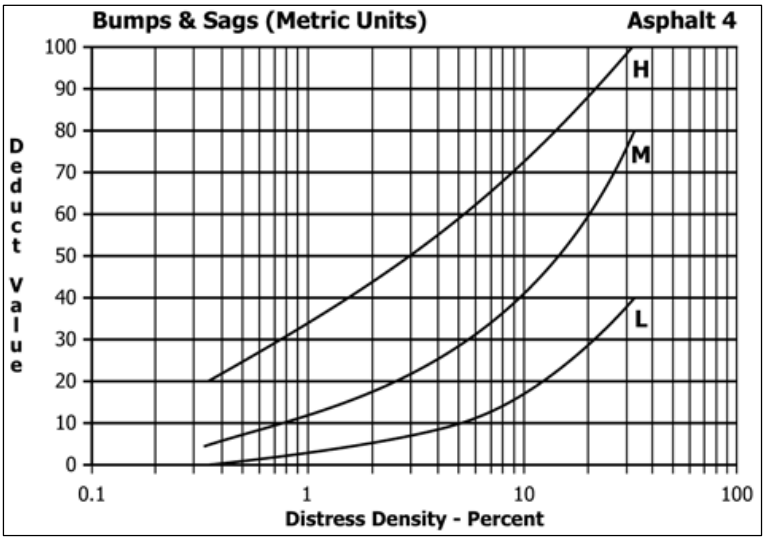
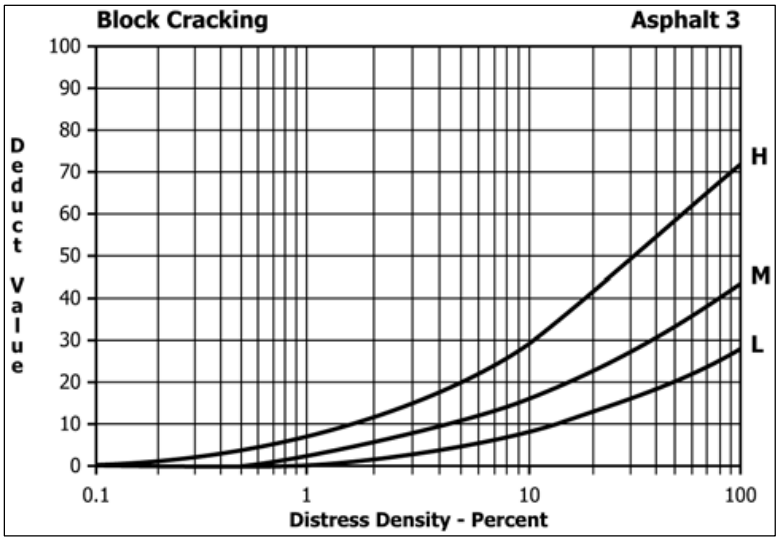
ÁBACOS DE ASTM D643-18 , METODO PCI PARA PAVIMENTO FLEXIBLE

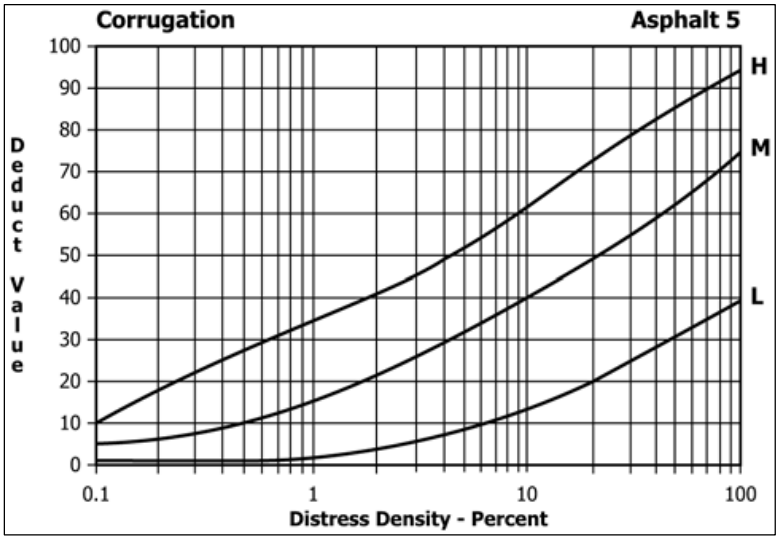


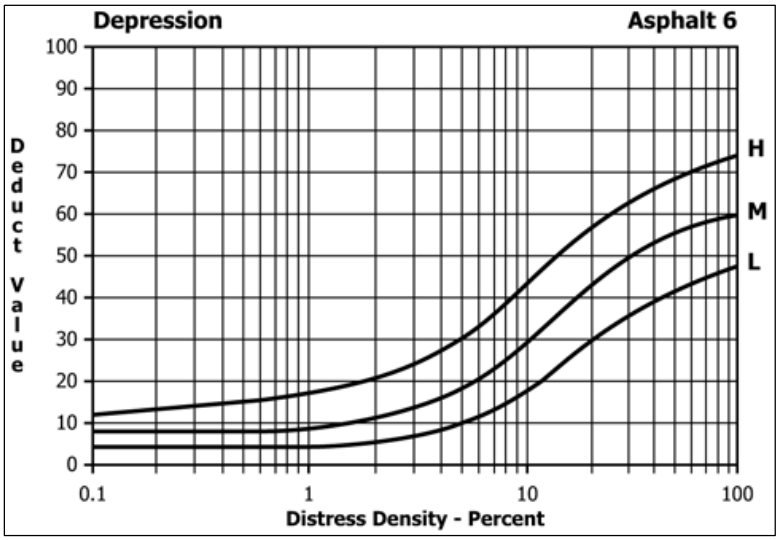


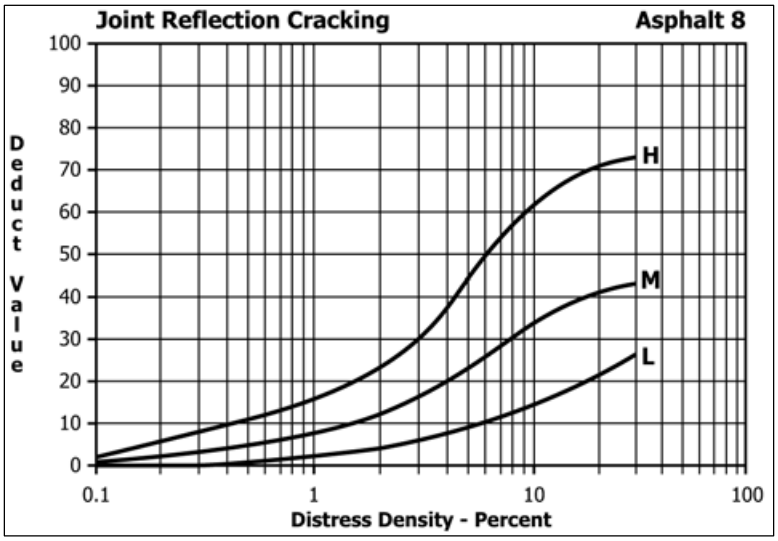


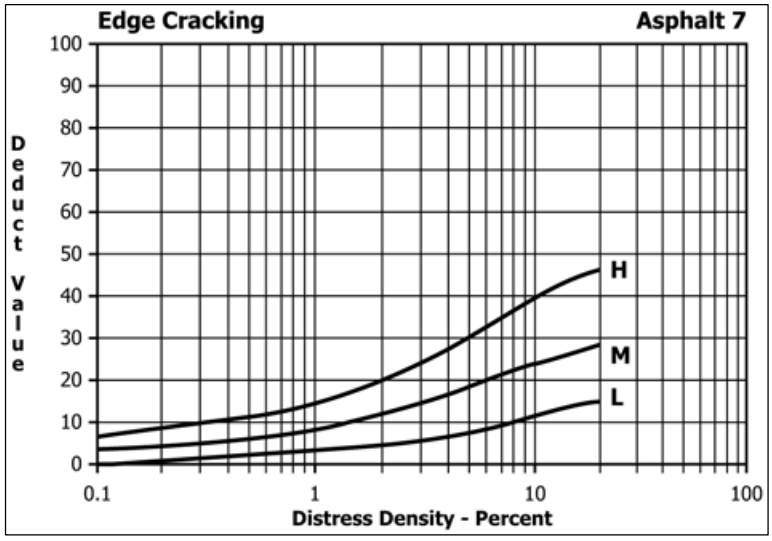

Bumps & Sags (Metric Units)
Asphalt 4
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

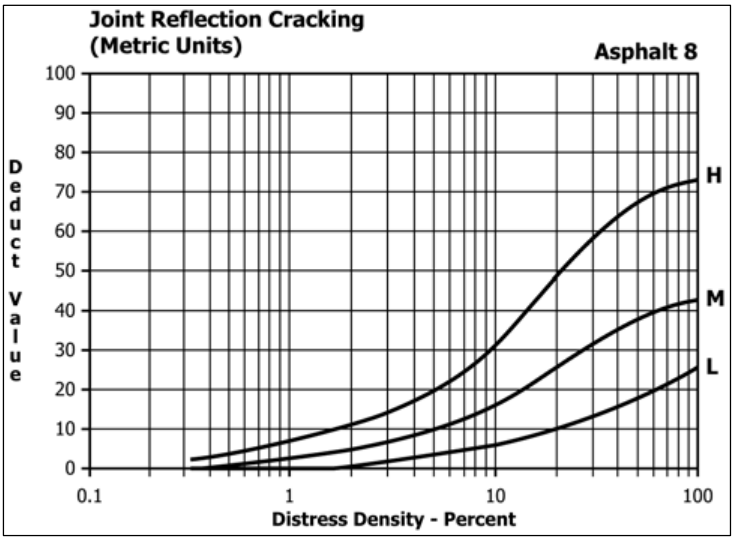

Block Cracking
Asphalt 3
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

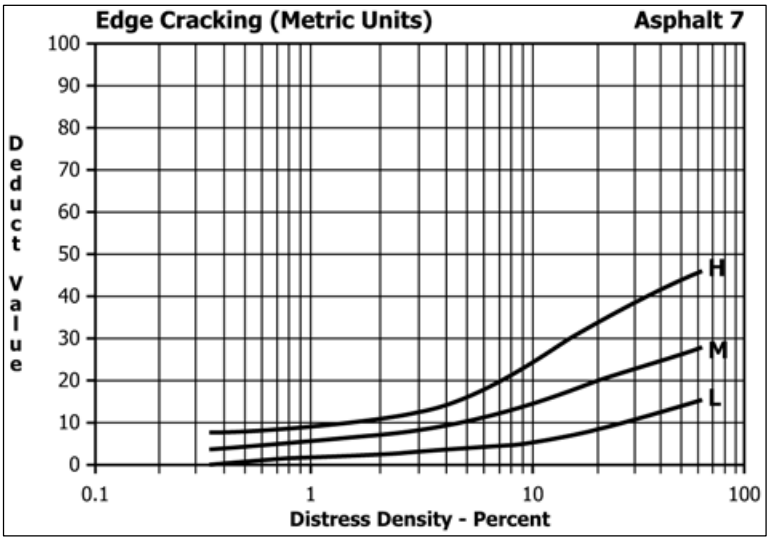

Corrugation
Asphalt 5
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

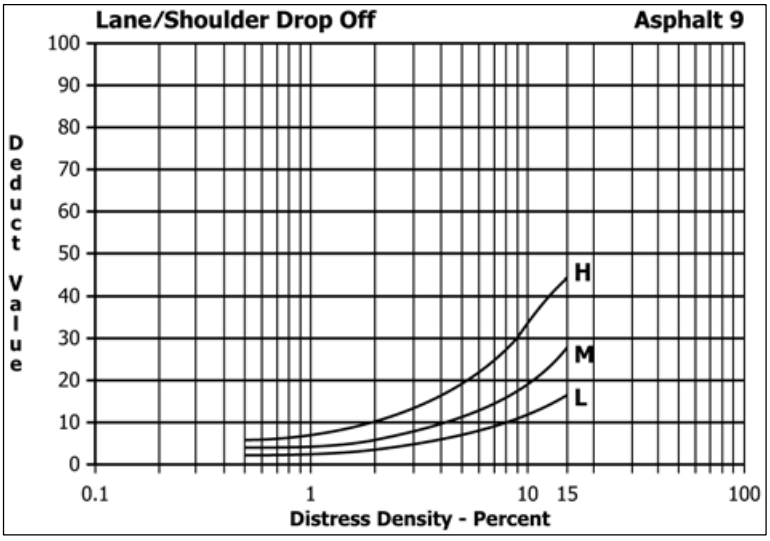

Depression
Asphalt 6
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

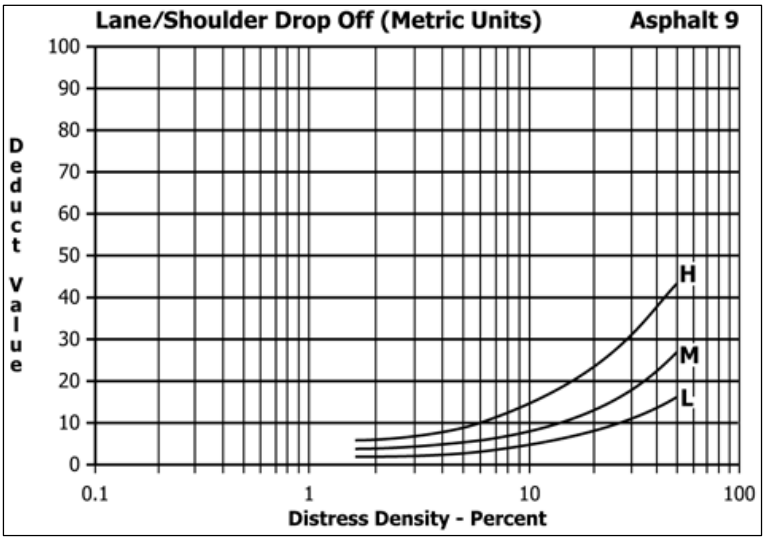

Joint Reflection Cracking
Asphalt 8
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

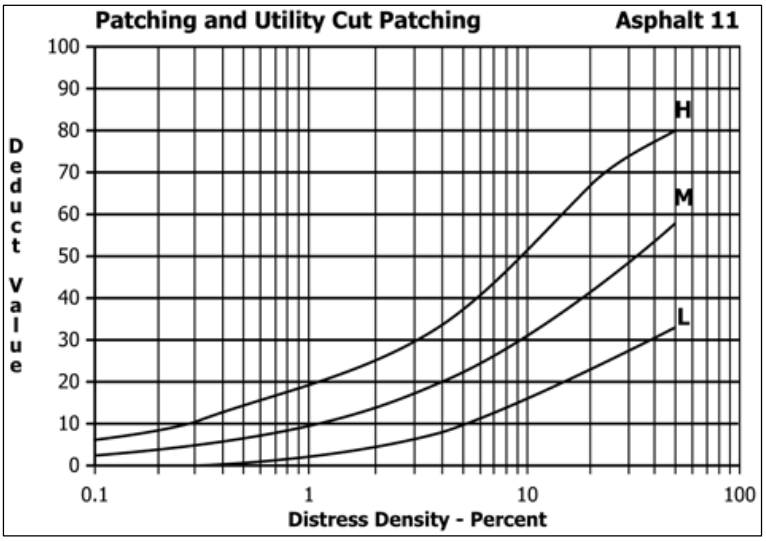

Edge Cracking
Asphalt 7
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

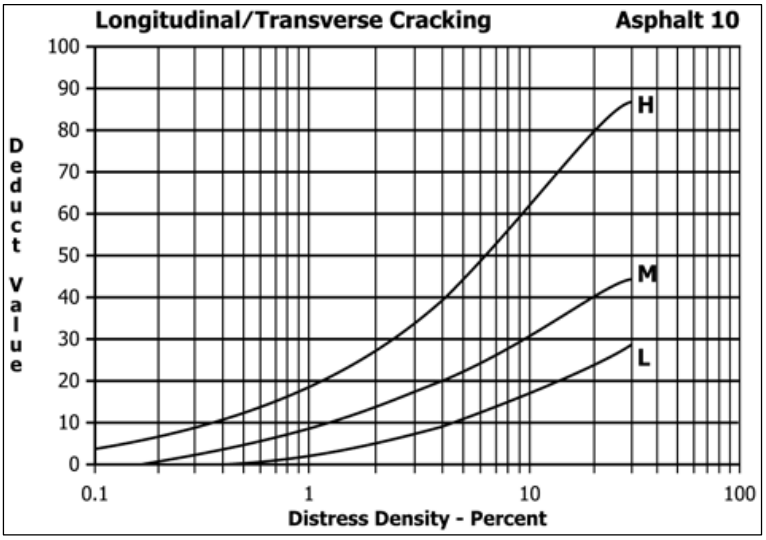

Joint Reflection Cracking
(Metric Units)
Asphalt 8
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
0.1
1
10
100
Distress Density - Percent
H
M
L

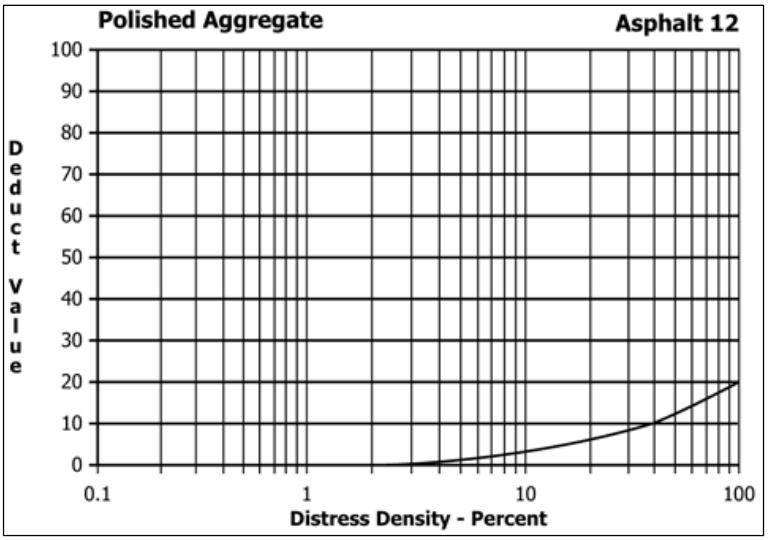

Edge Cracking (Metric Units)
Asphalt 7
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
0.1
1
10
100
Distress Density - Percent
H
M
L

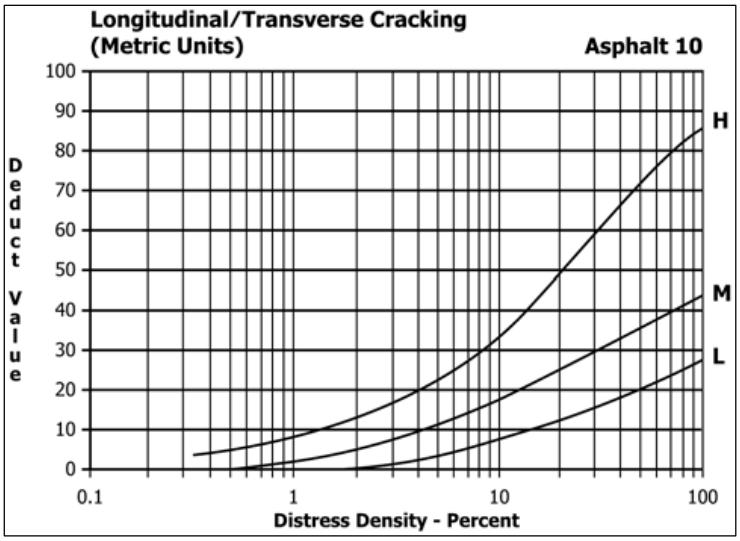

Lane/Shoulder Drop Off
Asphalt 9
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
0.1
1
10
15
100
Distress Density - Percent
H
M
L

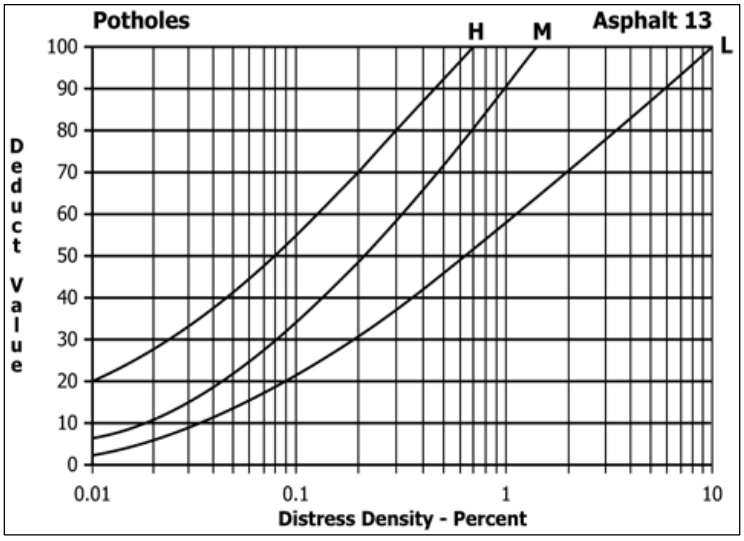

Lane/Shoulder Drop Off (Metric Units)
Asphalt 9
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

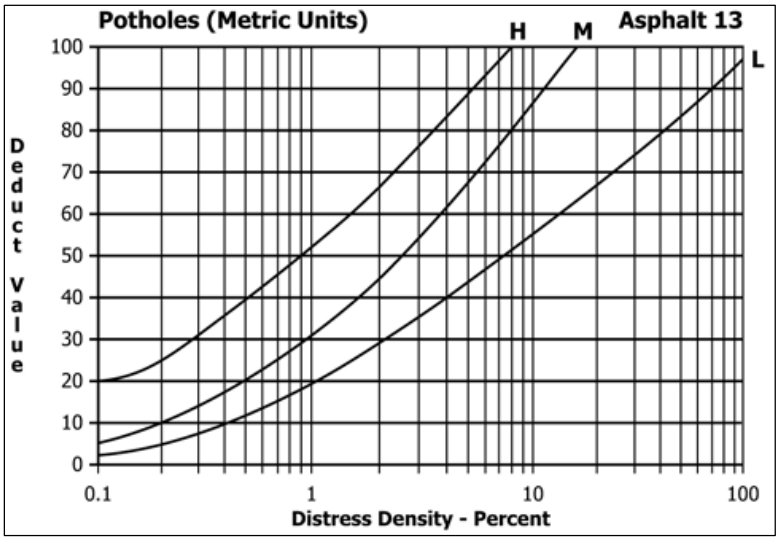

Patching and Utility Cut Patching
Asphalt 11
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

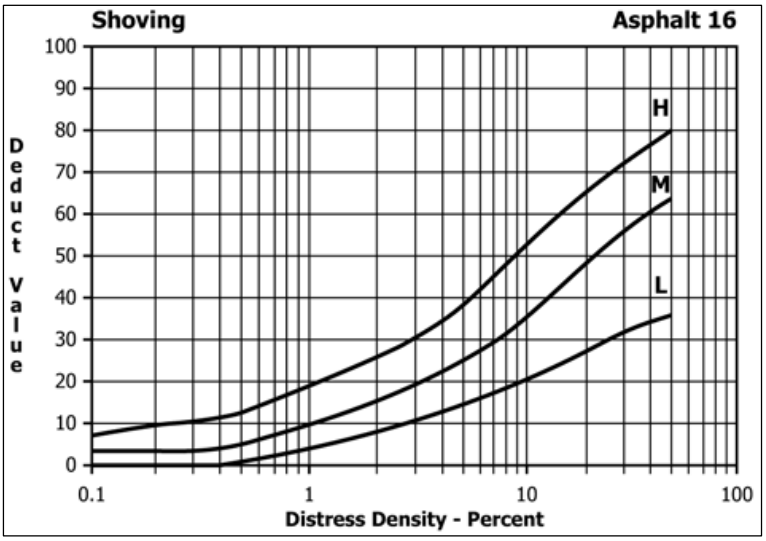

Longitudinal/Transverse Cracking
Asphalt 10
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

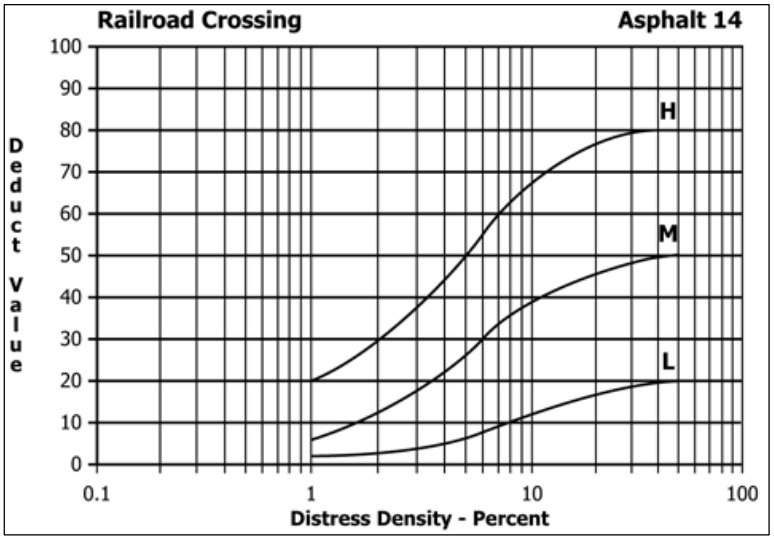

Polished Aggregate
Asphalt 12
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
0.1
1
10
100
Distress Density - Percent

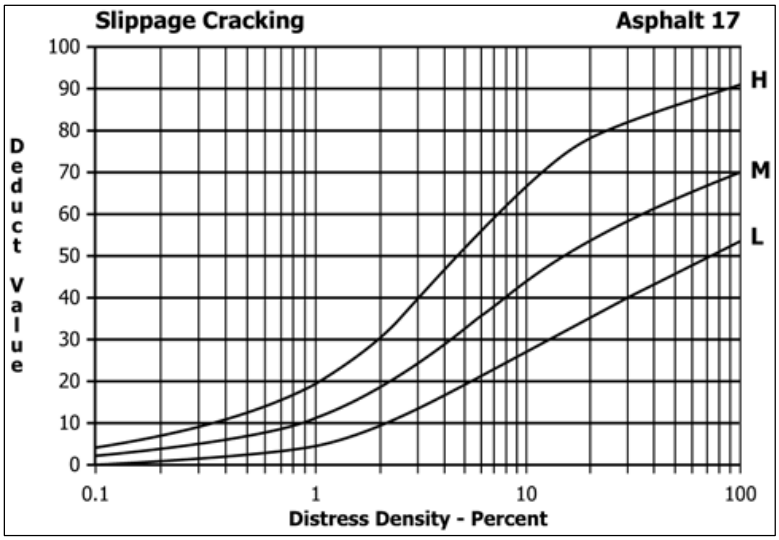

Longitudinal/Transverse Cracking
(Metric Units)
Asphalt 10
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent

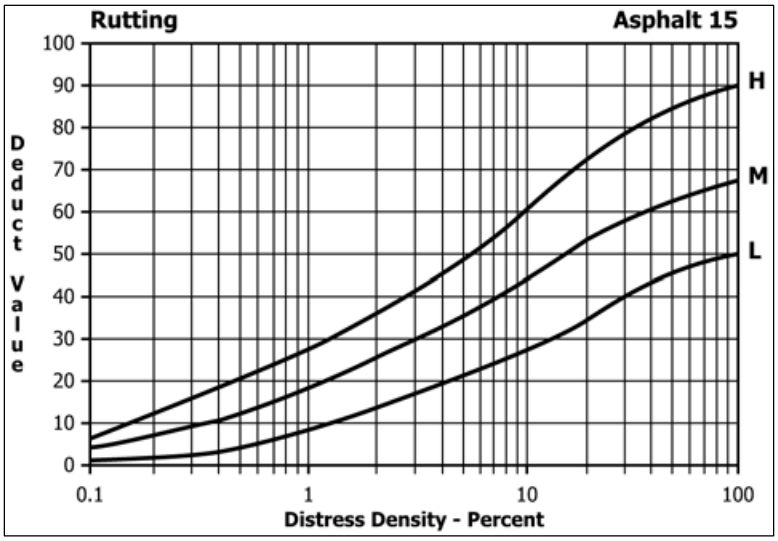

Potholes
Asphalt 13
H
M
L
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
0.01
0.1
1
10
Distress Density - Percent

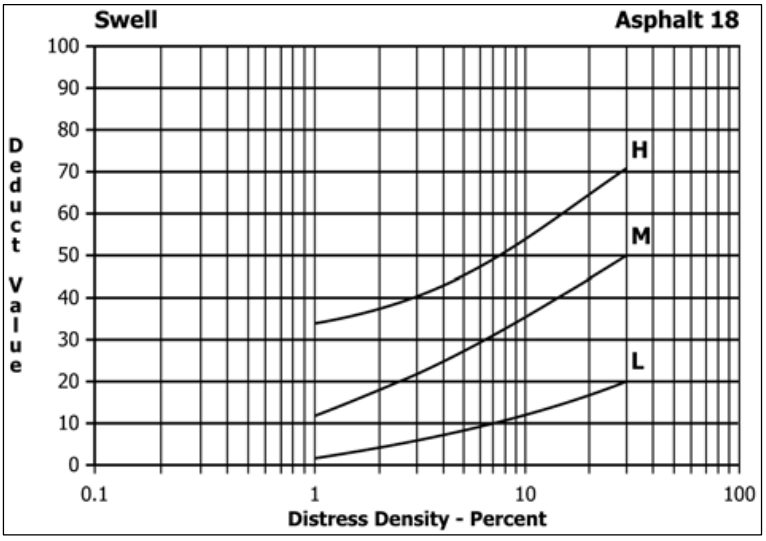

Potholes (Metric Units)
Asphalt 13
H
M
L
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
0.1
1
10
100
Distress Density - Percent

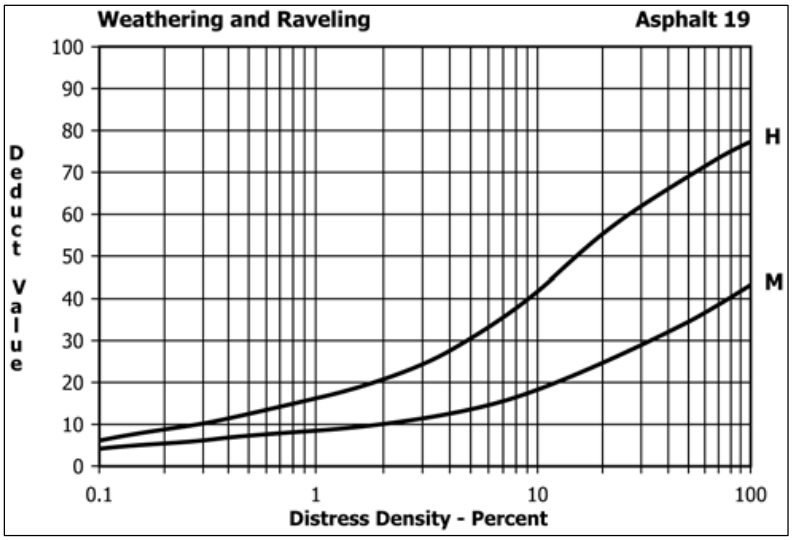

Shoving
Asphalt 16
H
M
L
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
0.1
1
10
100
Distress Density - Percent

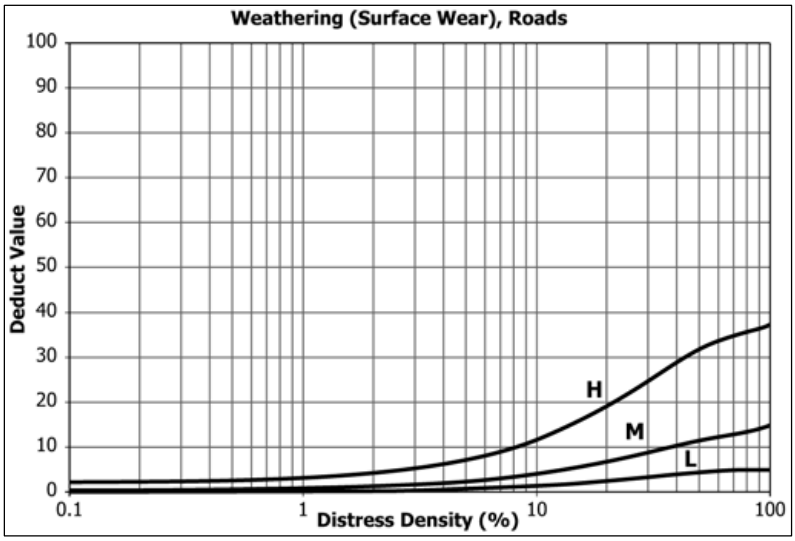

Railroad Crossing
Asphalt 14
H
M
L
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
0.1
1
10
100
Distress Density - Percent

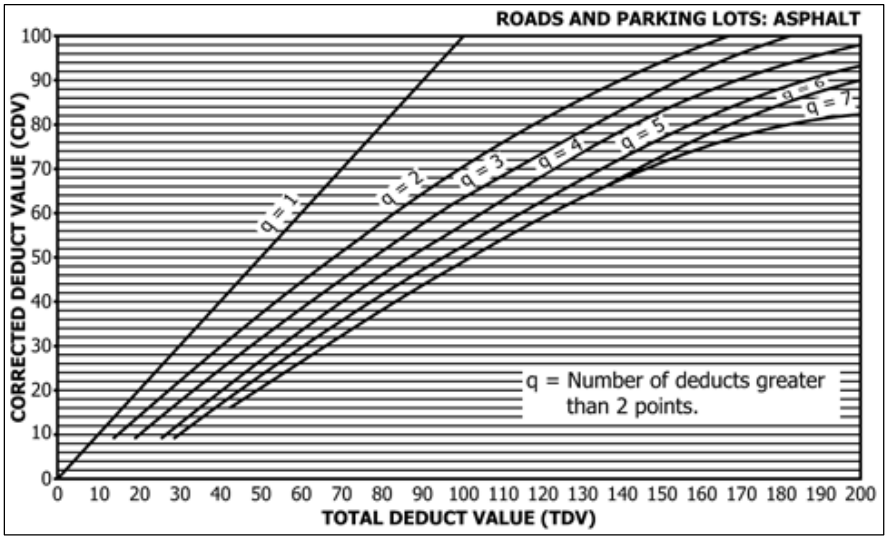

Slippage Cracking
Asphalt 17
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent


Rutting
Asphalt 15
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent


Swell
Asphalt 18
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density - Percent


Weathering and Raveling
Asphalt 19
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
0.1
1
10
100
Distress Density - Percent


Weathering (Surface Wear), Roads
Deduct Value
100
90
80
70
60
50
40
30
20
10
0
H
M
L
0.1
1
10
100
Distress Density (%)


ROADS AND PARKING LOTS: ASPHALT
CORRECTED DEDUCT VALUE (CDV)
100
90
80
70
60
50
40
30
20
10
0
q = 1
q = 2
q = 3
q = 4
q = 5
q = 6
q = 7
q = Number of deducts greater than 2 points.
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200
TOTAL DEDUCT VALUE (TDV)