Pavement Condition Analysis Results

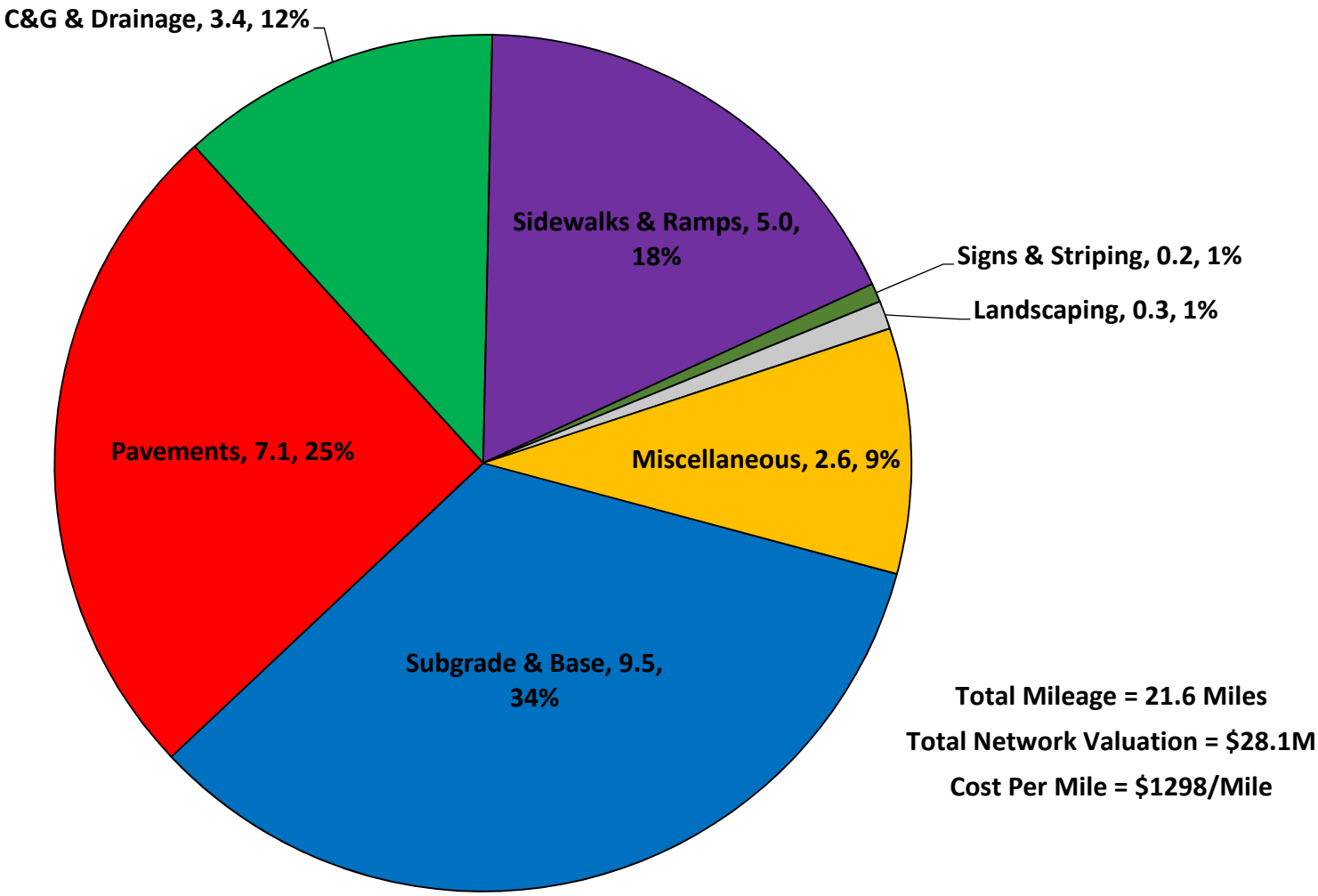
City of Harrisburg, SD

Performed by IMS Infrastructure Management Services

2019

City of Harrisburg, SD

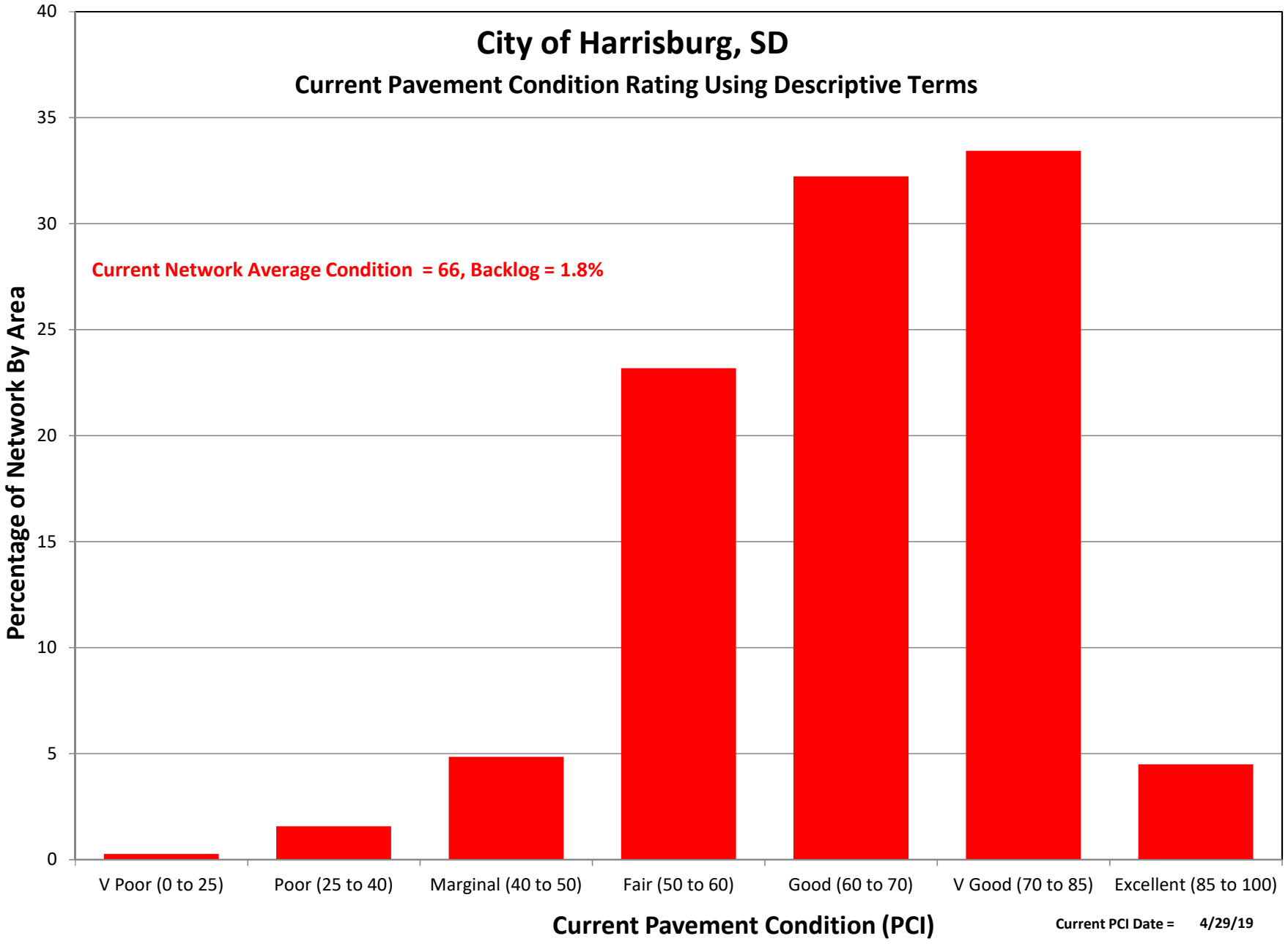
Network Valuation (Asset, $M, %)



Total Mileage = 21.6 Miles

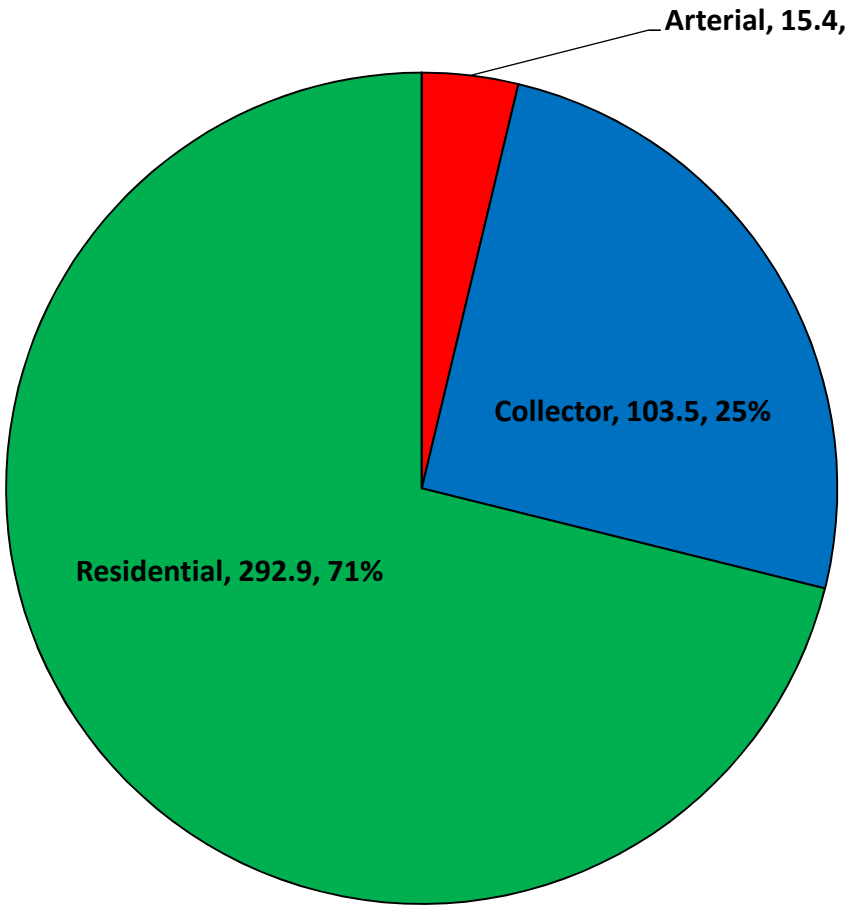
Total Network Valuation = $28.1M

Cost Per Mile = $1298/Mile


City of Harrisburg, SD
Current Pavement Condition Rating Using Descriptive Terms
Current Network Average Condition = 66, Backlog = 1.8%
Percentage of Network By Area
40
35
30
25
20
15
10
5
0
V Poor (0 to 25)
Poor (25 to 40)
Marginal (40 to 50)
Fair (50 to 60)
Good (60 to 70)
V Good (70 to 85)
Excellent (85 to 100)
Current Pavement Condition (PCI)
Current PCI Date = 4/29/19

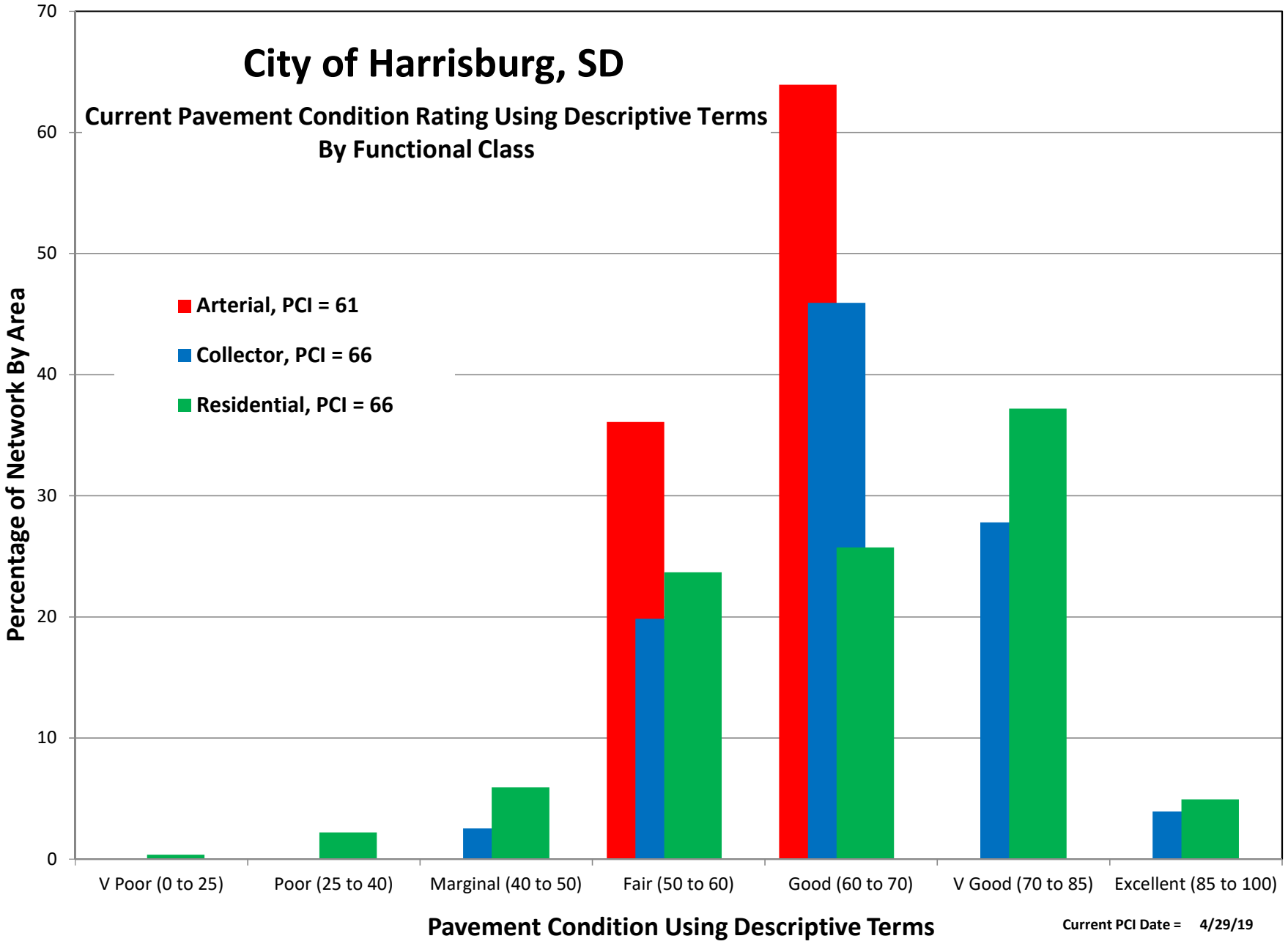
City of Harrisburg, SD

Functional Classification Distribution By Area (FunCL, 000's Sq Yds, %)



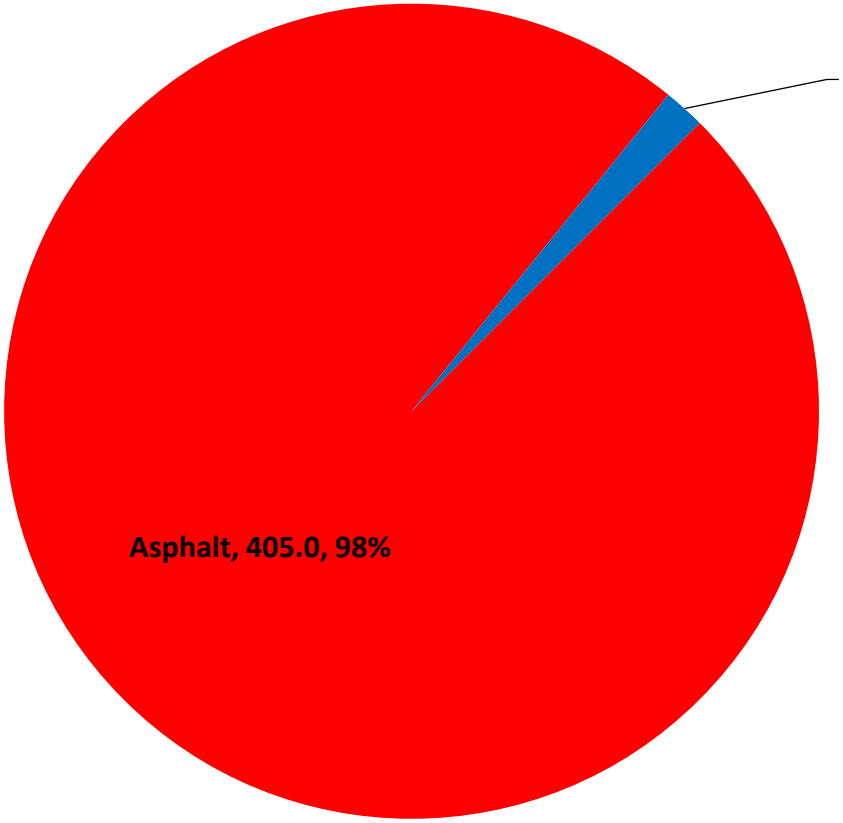
Total Mileage = 21.6 Miles

Total Area = 412k Sq Yards


City of Harrisburg, SD
Current Pavement Condition Rating Using Descriptive Terms
By Functional Class
Arterial, PCI = 61
Collector, PCI = 66
Residential, PCI = 66
Percentage of Network By Area
70
60
50
40
30
20
10
0
V Poor (0 to 25)
Poor (25 to 40)
Marginal (40 to 50)
Fair (50 to 60)
Good (60 to 70)
V Good (70 to 85)
Excellent (85 to 100)
Pavement Condition Using Descriptive Terms
Current PCI Date = 4/29/19

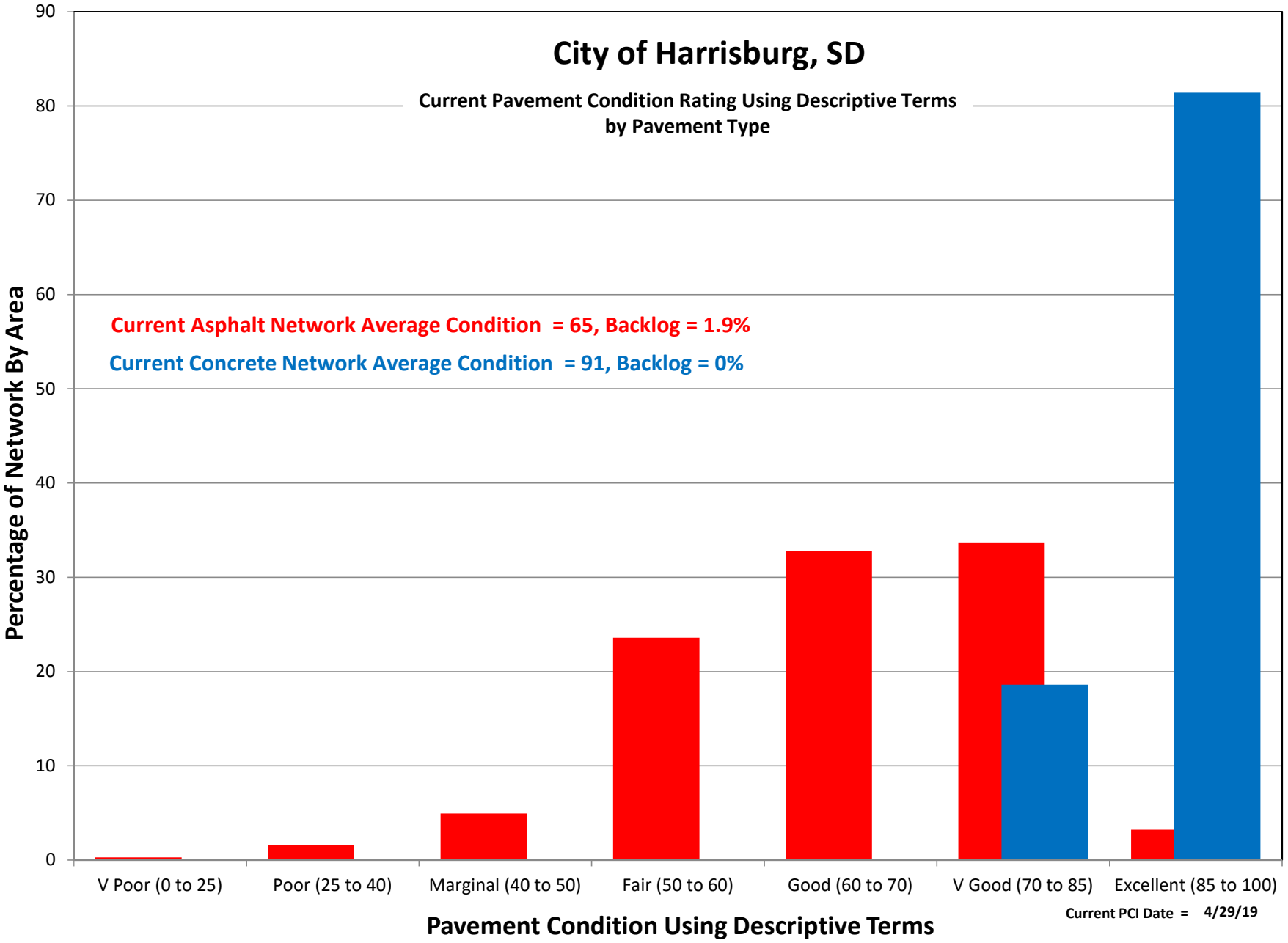
City of Harrisburg, SD

Pavement Type Distribution By Area (Pavetype, 000's Sq Yds, %)

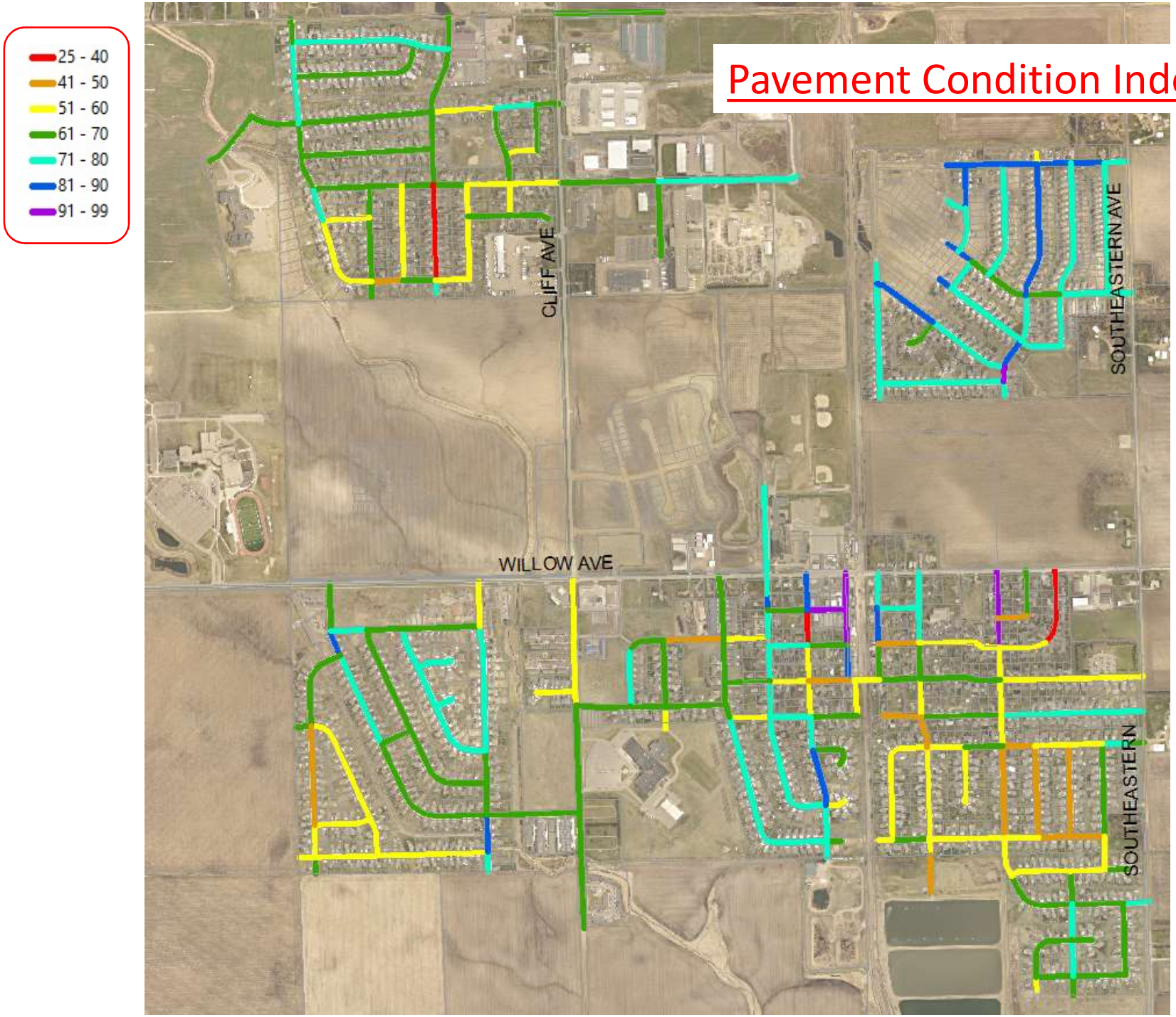


Total Mileage = 21.6 Miles

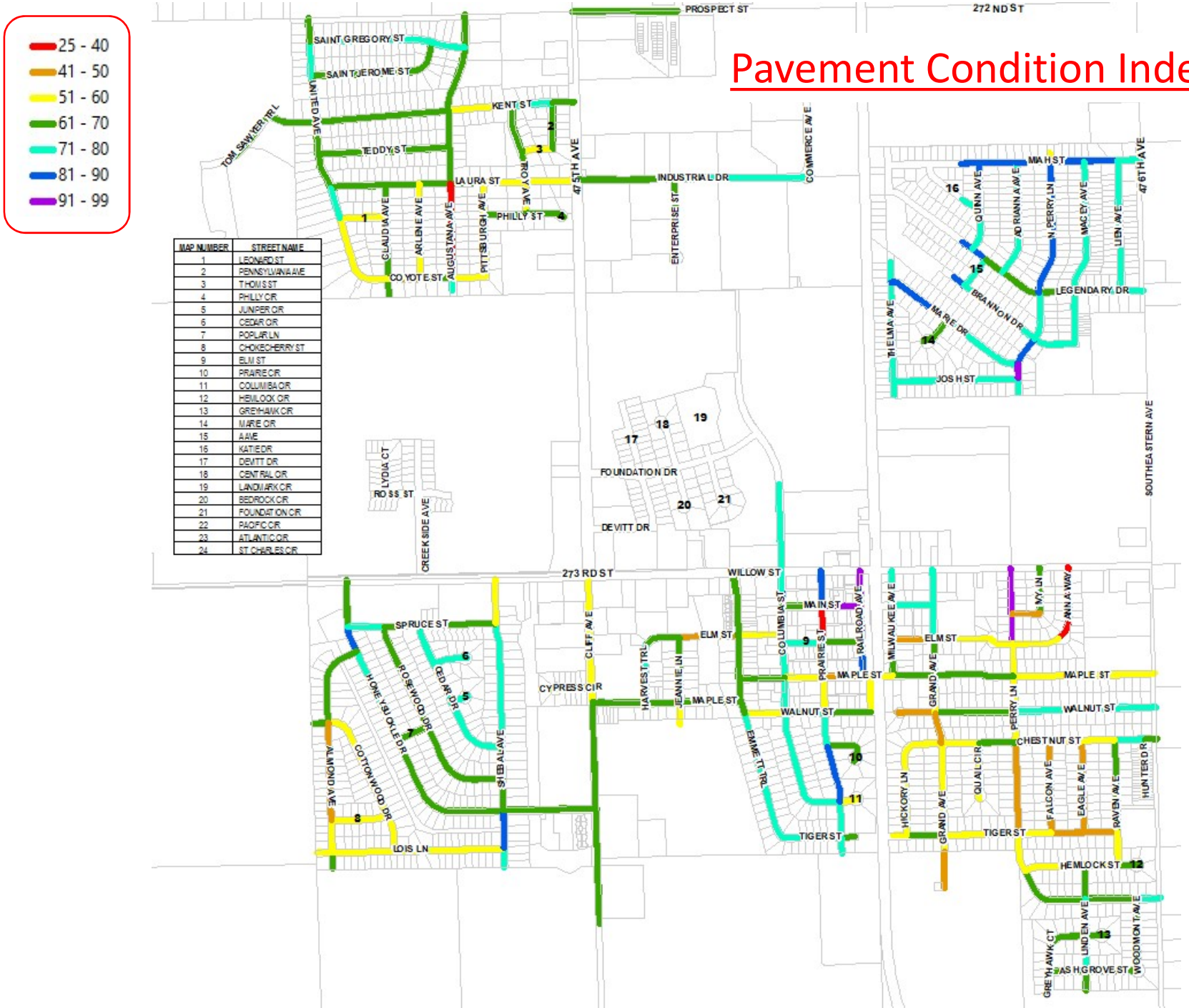
Total Area = 412k Sq Yards


City of Harrisburg, SD
Current Pavement Condition Rating Using Descriptive Terms
by Pavement Type
Current Asphalt Network Average Condition = 65, Backlog = 1.9%
Current Concrete Network Average Condition = 91, Backlog = 0%
Percentage of Network By Area
90
80
70
60
50
40
30
20
10
0
V Poor (0 to 25)
Poor (25 to 40)
Marginal (40 to 50)
Fair (50 to 60)
Good (60 to 70)
V Good (70 to 85)
Excellent (85 to 100)
Pavement Condition Using Descriptive Terms
Current PCI Date = 4/29/19

Pavement Condition Index Map



Pavement Condition Index Map



Pavement Condition Index Map