

City of Burien Pavement Condition Index (PCI)

Presented to Council March 1, 2010



Ambaum Blvd SW & SW 134th St.



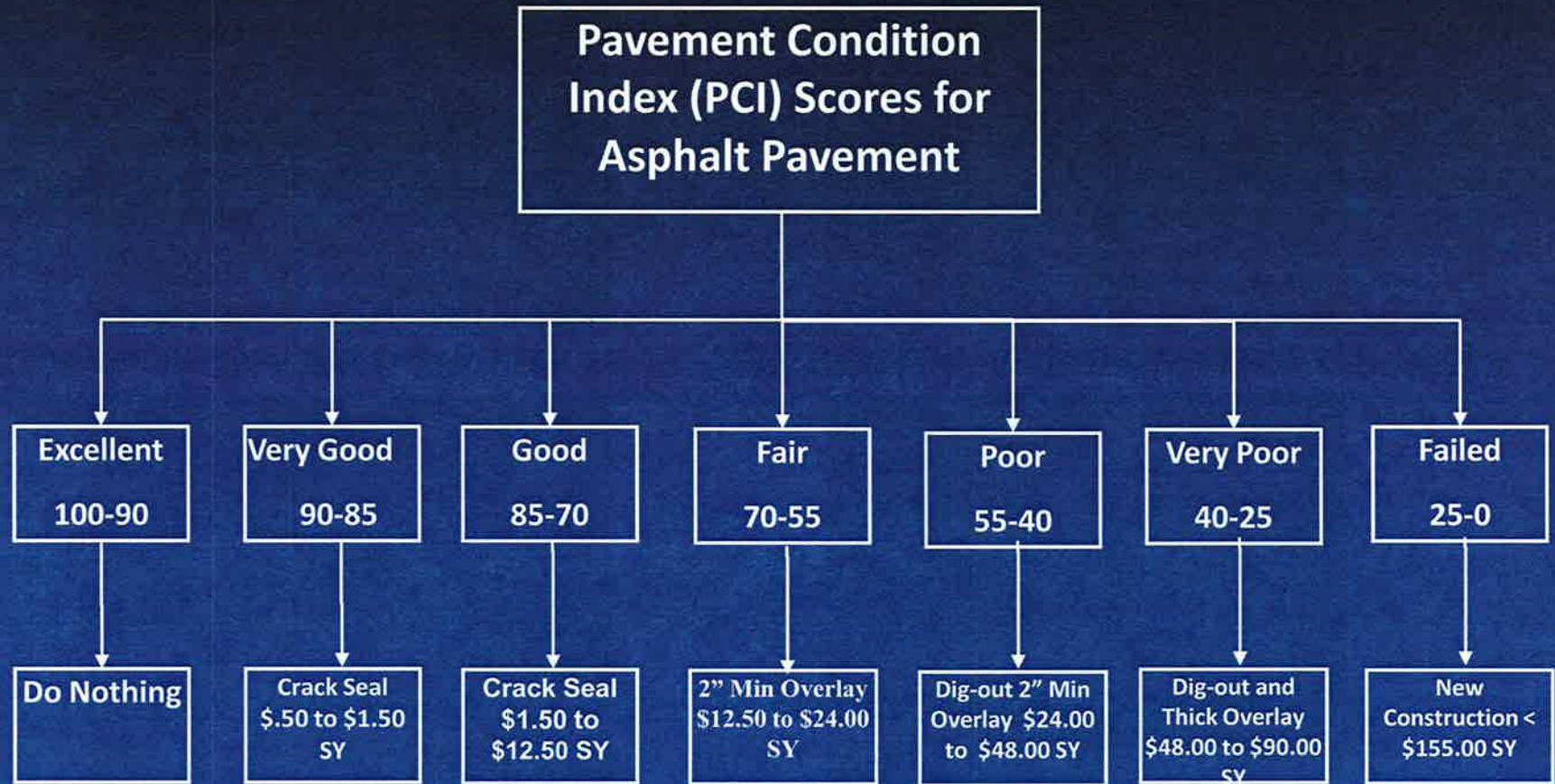
SW 158th btwn Ambaum Blvd SW & 1st Ave

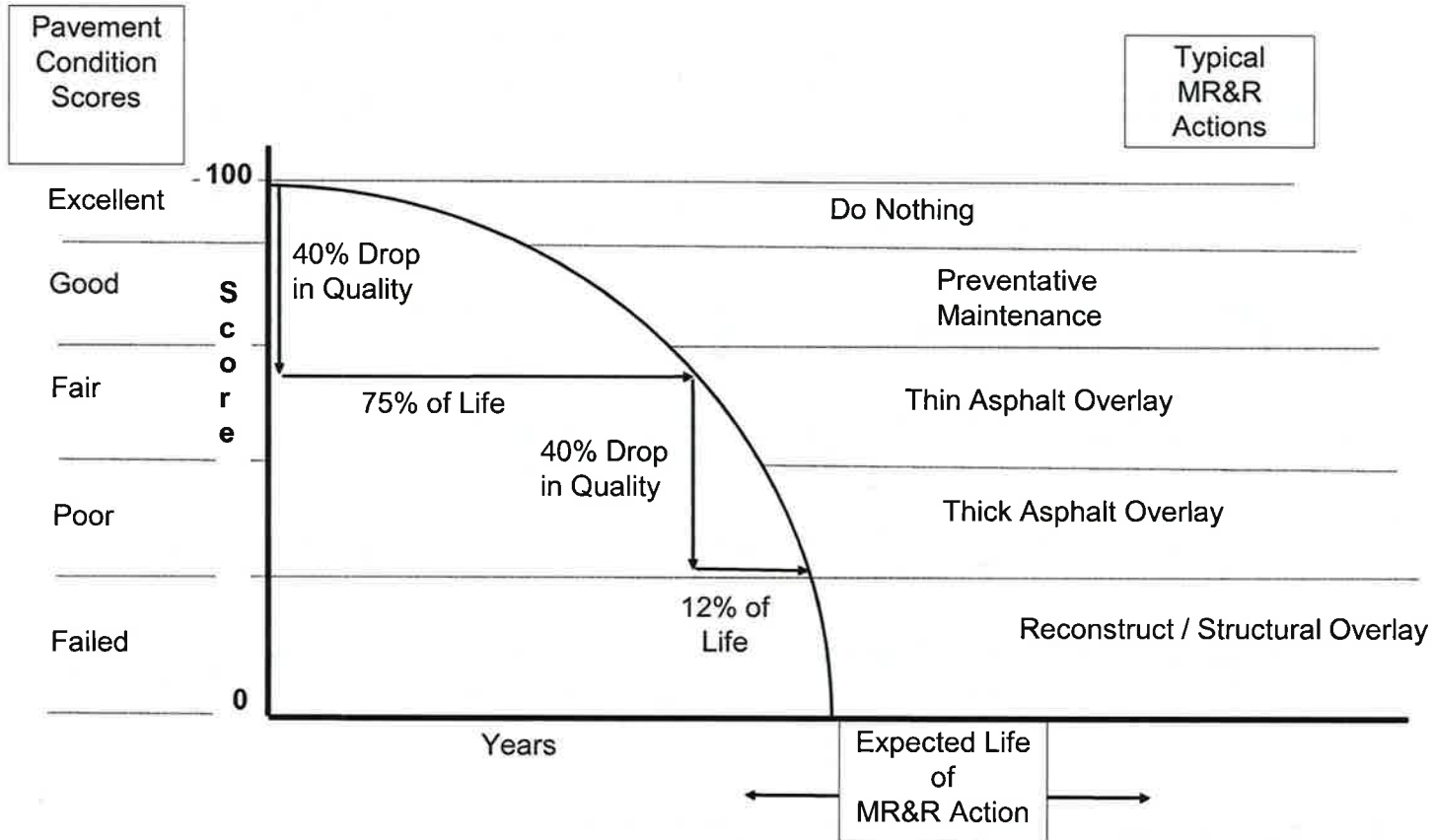


S 181st btwn 4th & 5th Ave S



S 150th Street 200 ft south of 1st Ave





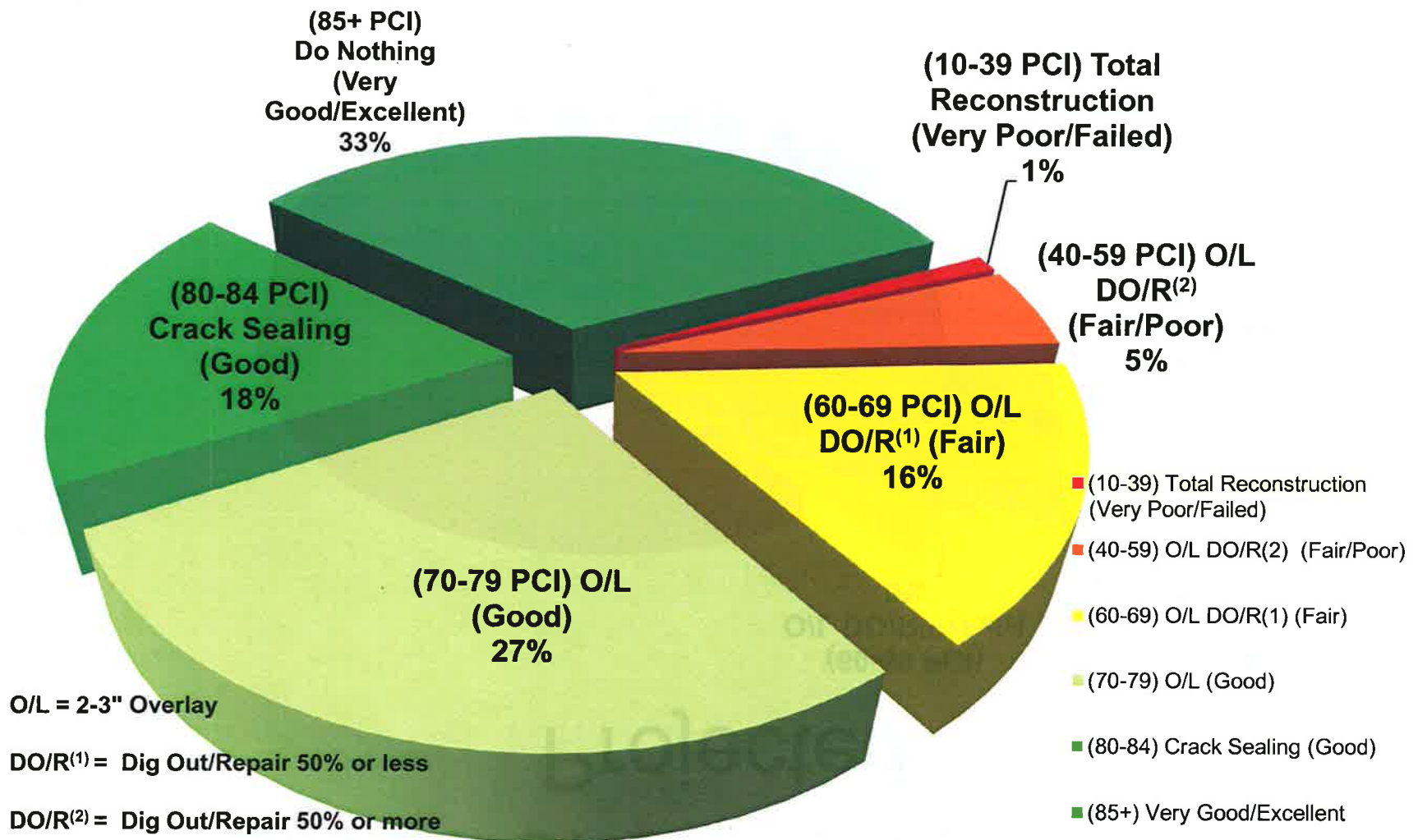
Rating Key

Excellent	85-100
Good	70-85 \$1.50-\$3.50 sq. yd.
Fair	55-70 \$24.00 sq. yd.
Poor	40-55 \$48.00 sq. yd.
Failed	0-40 \$155.00 sq. yd.

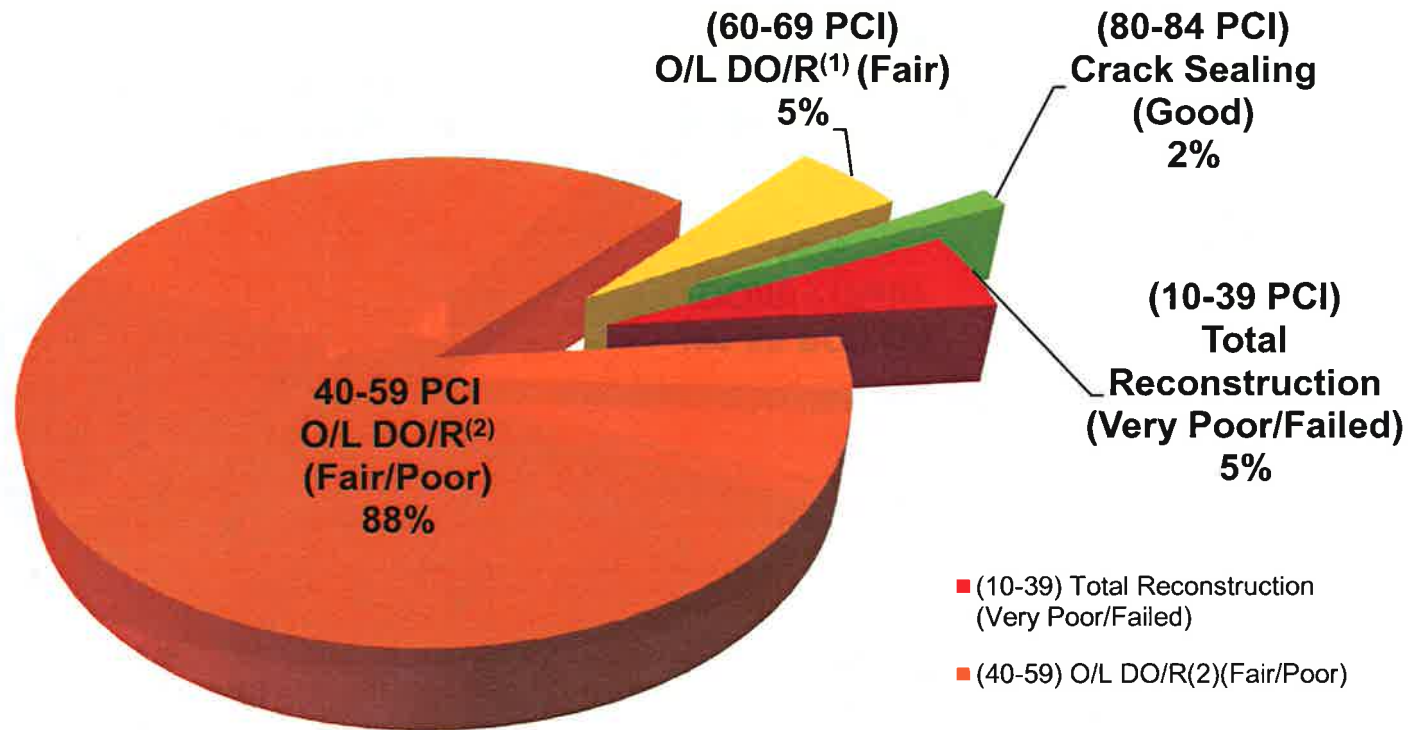
General Idea of Pavement Condition Index Levels

- A PCI of 10 to 39= less than 3 yrs. of life (Fail).
- A PCI of 40 to 59= 3 to 6 yrs. of life (Very Poor).
- A PCI of 60 to 69= 6 to 8 yrs. of life (Poor).
- A PCI of 70 to 79= 8 to 10 yrs. of life (Fair).
- A PCI of 80 to 84= 10 to 12 yrs. of life (Good).
- A PCI of 85 and above= 12 and more years of life (Very Good).

2007 PCI Condition Chart



2012 PCI Condition Chart Projected



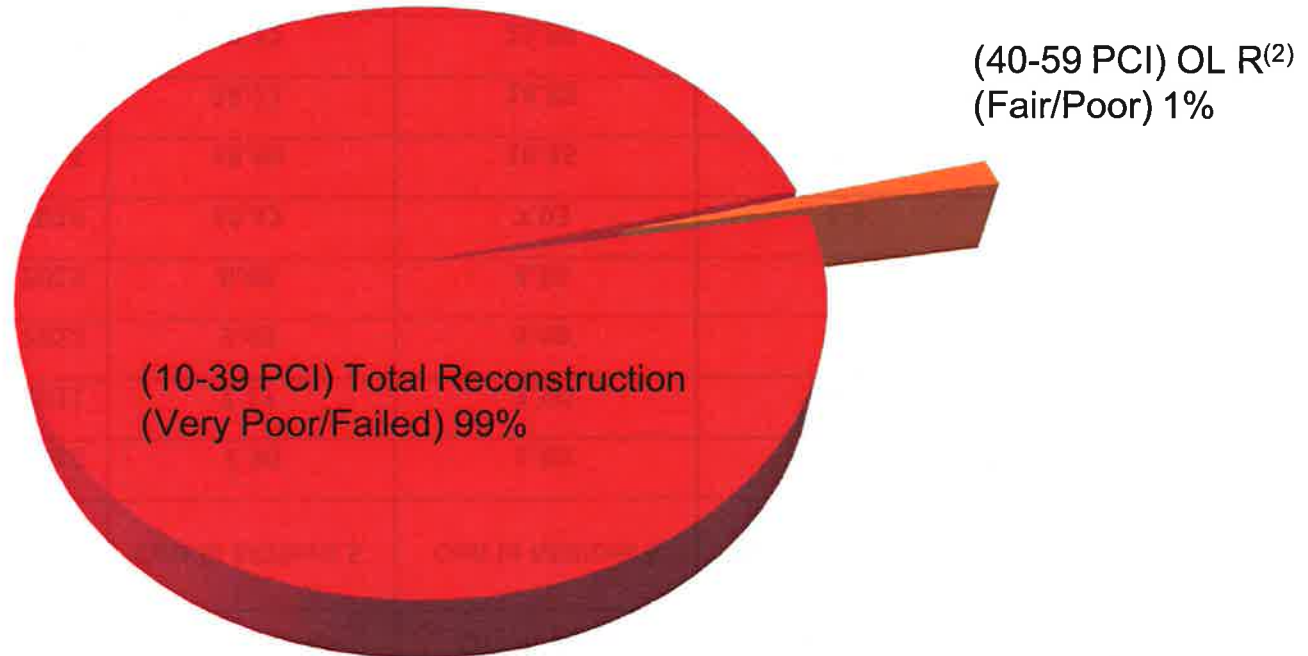
O/L = 2-3" Overlay

DO/R⁽¹⁾ = Dig Out/Repair 50% or less

DO/R⁽²⁾ = Dig Out/Repair 50% or more

- (10-39) Total Reconstruction (Very Poor/Failed)
- (40-59) O/L DO/R(2)(Fair/Poor)
- (60-69) O/L DO/R(1) (Fair)
- (80-84) Crack Sealing (Good)

2017 PCI Condition Chart Projected



O/L = 2-3" Overlay

DO/R⁽¹⁾ = Dig Out/Repair 50% or less

DO/R⁽²⁾ = Dig Out/Repair 50% or more

■ (10-39) Total Reconstruction (Very Poor/Failed)

■ (40-59) OL DO/R(2) (Fair/Poor)

What does it take to fix it to a PCI of...

	PCI of 70	PCI of 75	PCI of 80
	City of Burien	City of Burien	City of Burien
Year	Cost in Millions \$	Cost in Millions \$	Cost in Millions \$
2010	1.30	1.80	4.3
2011	2.17	2.50	4.3
2012	3.63	3.49	4.3
2013	6.06	4.93	4.3
2014	10.12	7.03	4.3
2015	16.90	10.15	4.3
2016	28.21	14.82	4.3
2017	47.12	21.93	4.3
TOTALS	115.5	66.7	34.4

Burien Map

<http://gisdev01/pavementcondition/>

