CITY OF MINNEAPOLIS

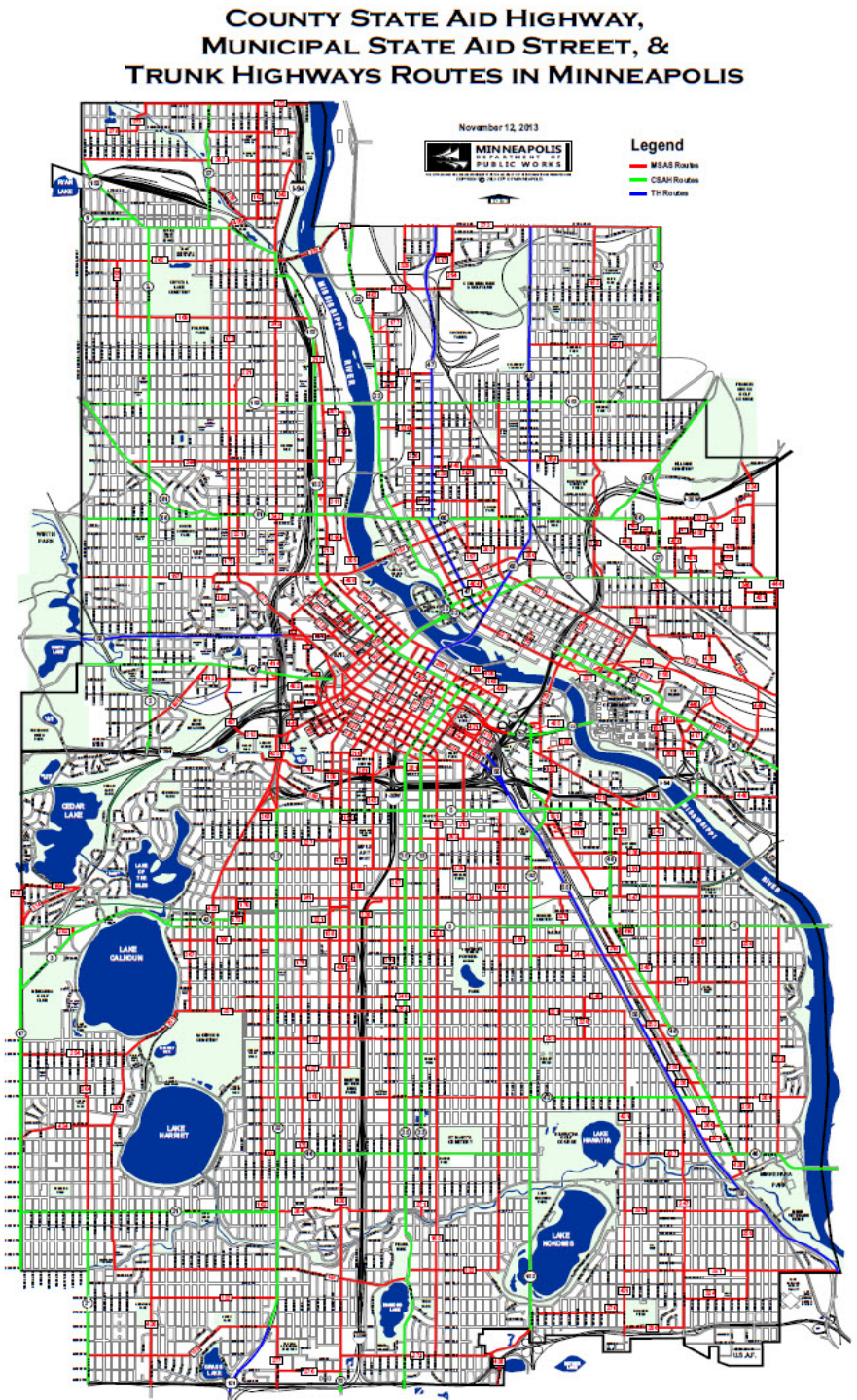
Street Condition Update

Presentation to Transportation & Public Works Committee

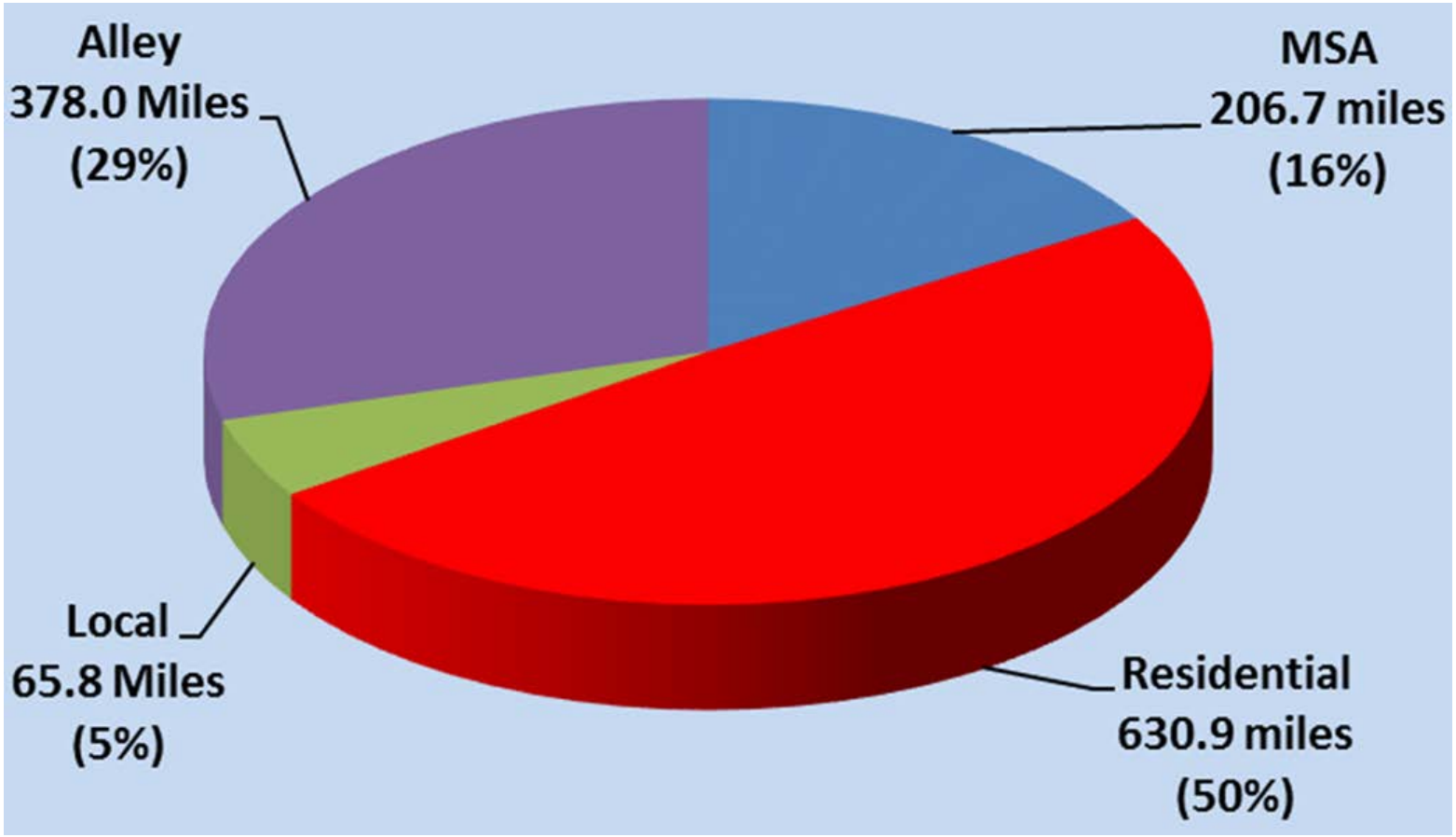
Minneapolis
City of Lakes

March 1, 2016

Map of Minneapolis Streets



City Street Network



PCI (Pavement Condition Index) Categories

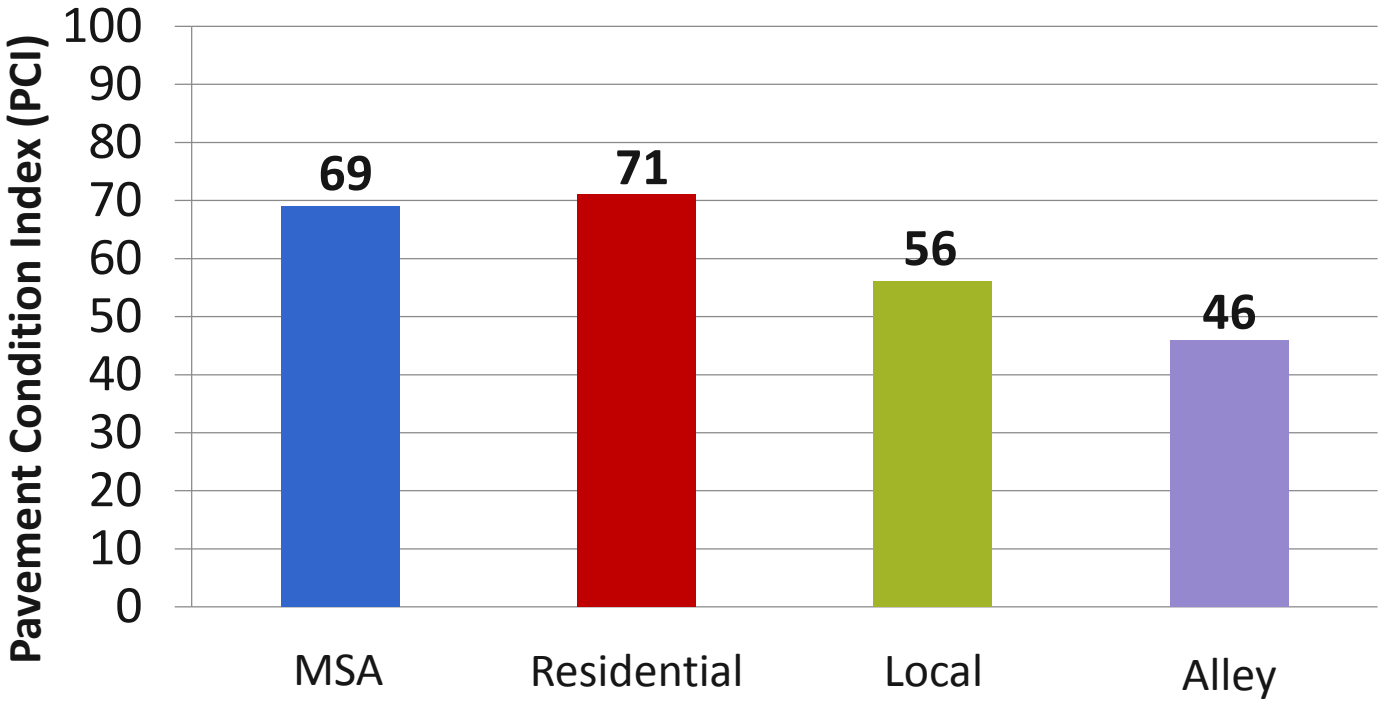
- Very Good 100-88
- Good 87-75
- Fair 74-60
- Poor 59-35
- Very Poor 34-1

PCI=82 (Good)

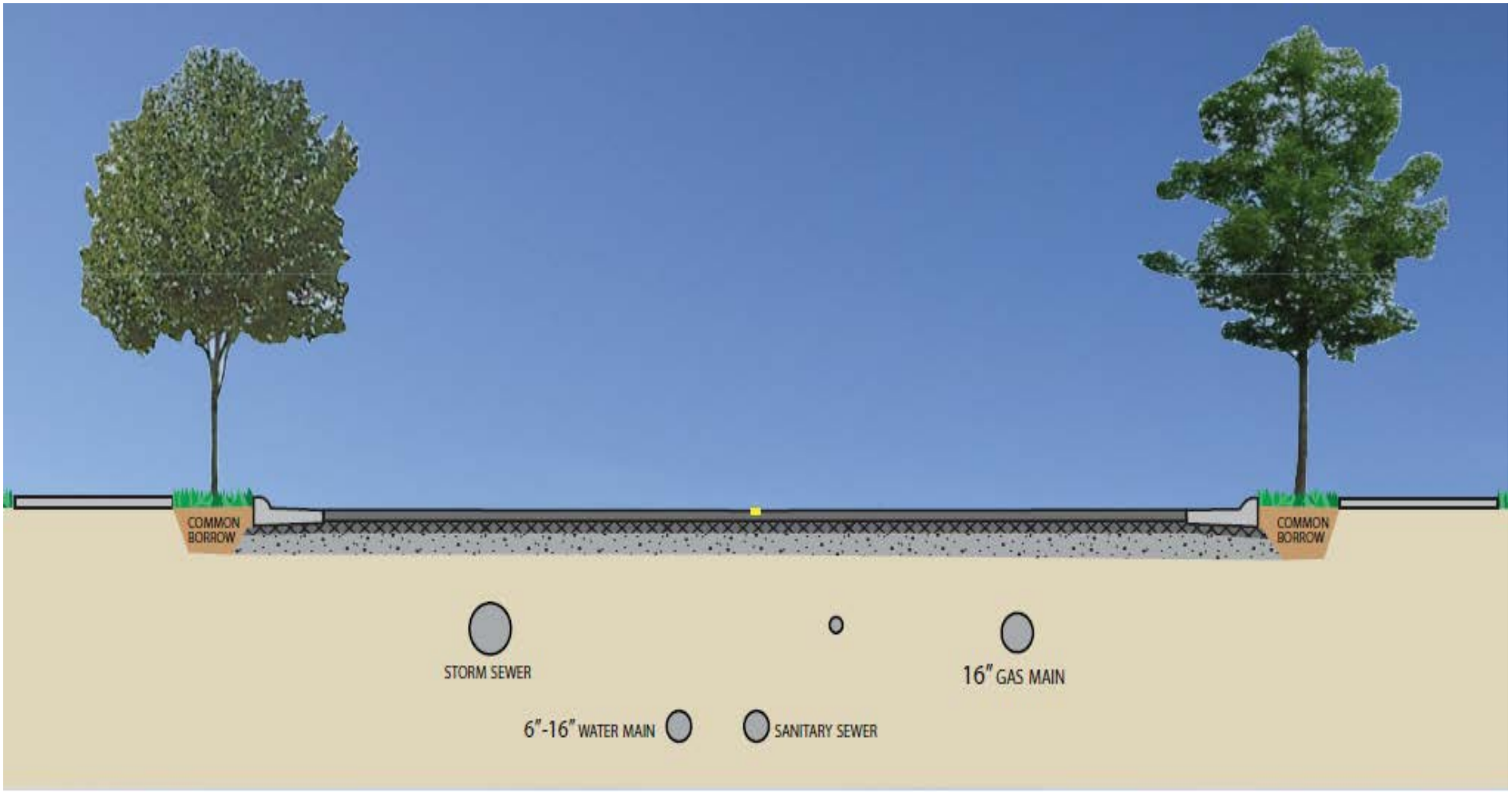
PCI=71 (Fair)

PCI=44 (Poor)
Example of concrete street

Average PCI by Network

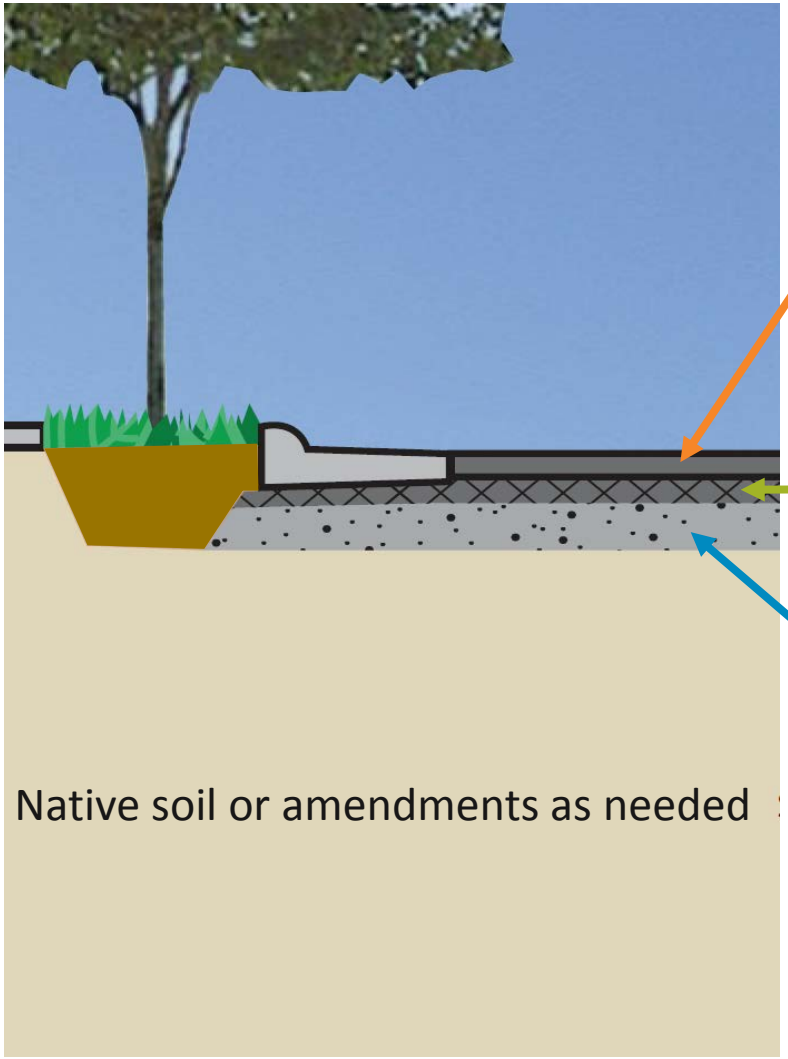


Typical Section



Under the streets

Pavement Detail

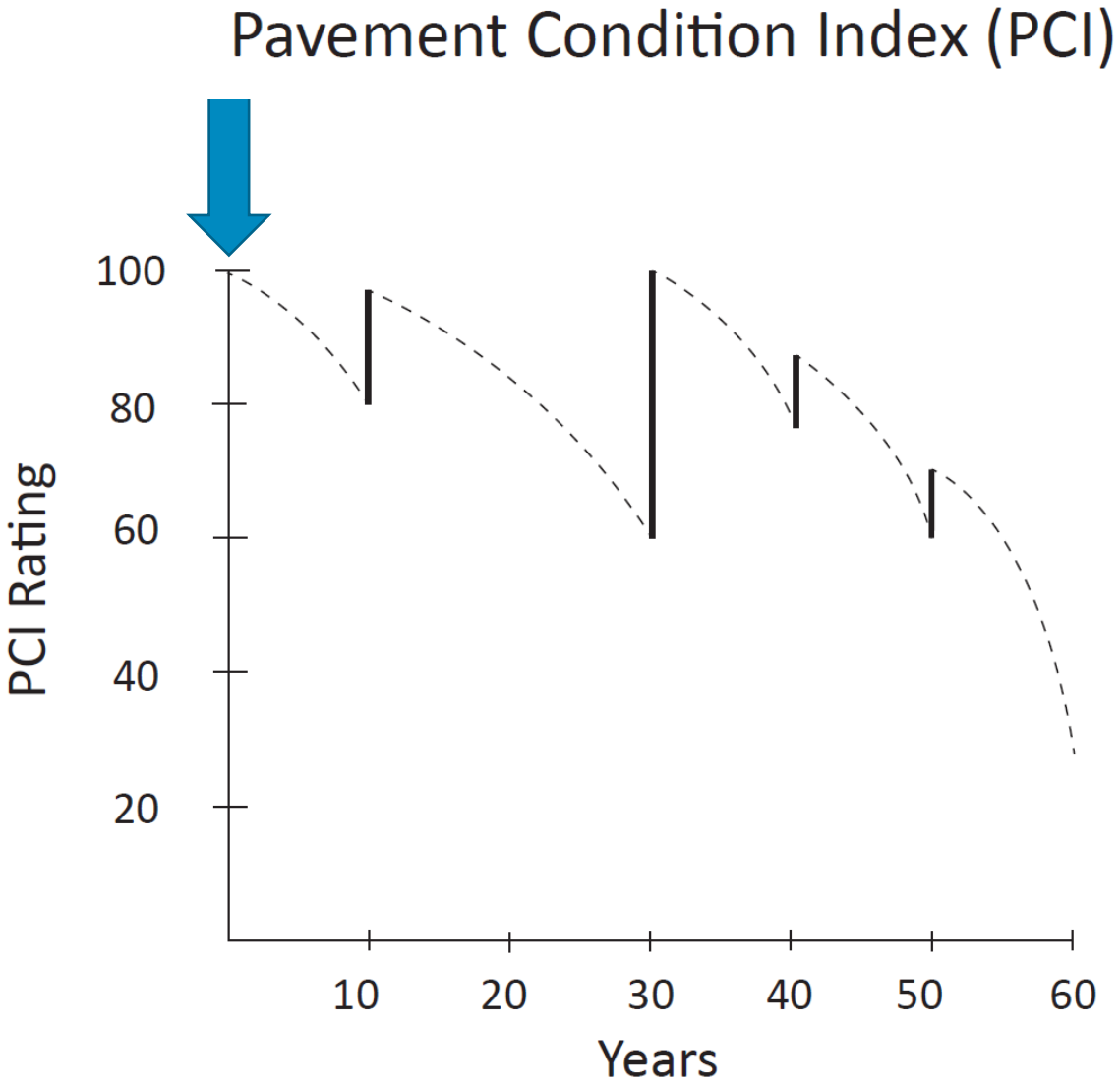


Bituminous Wearing Course or Concrete

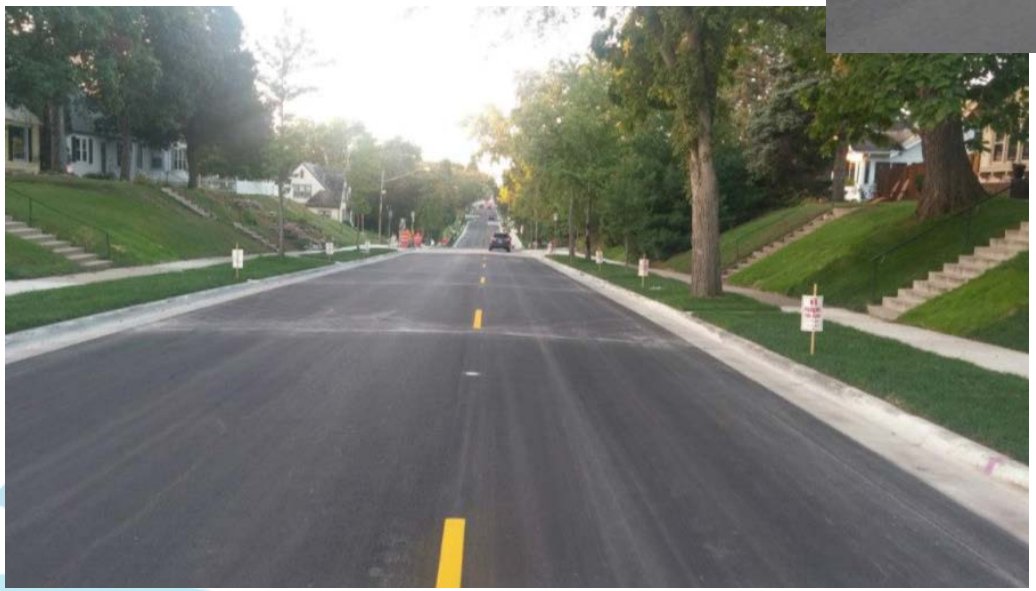
Bituminous Non-Wearing Course

Class 5 Aggregate

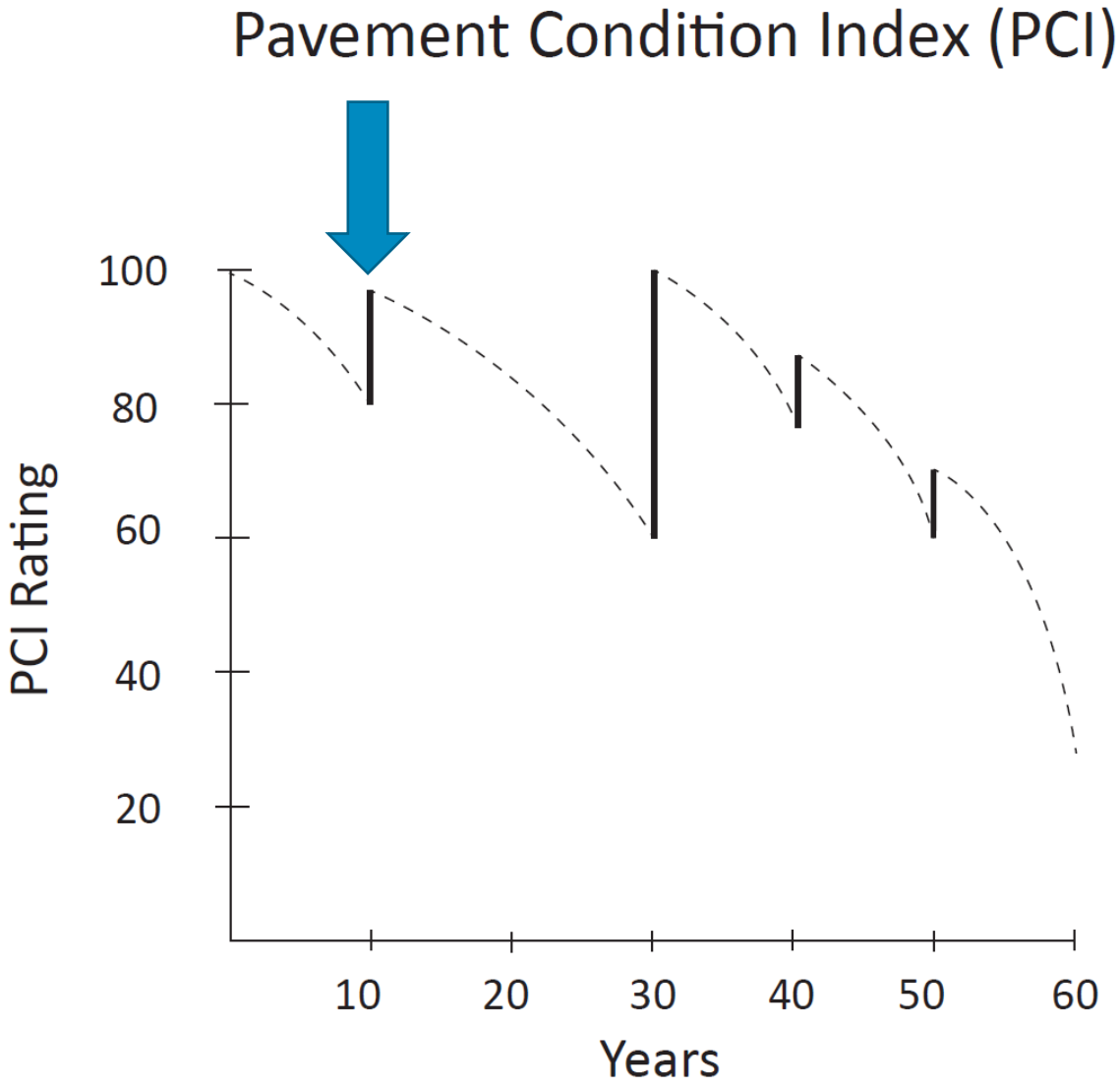
Pavement life cycle



New Street



Pavement life cycle

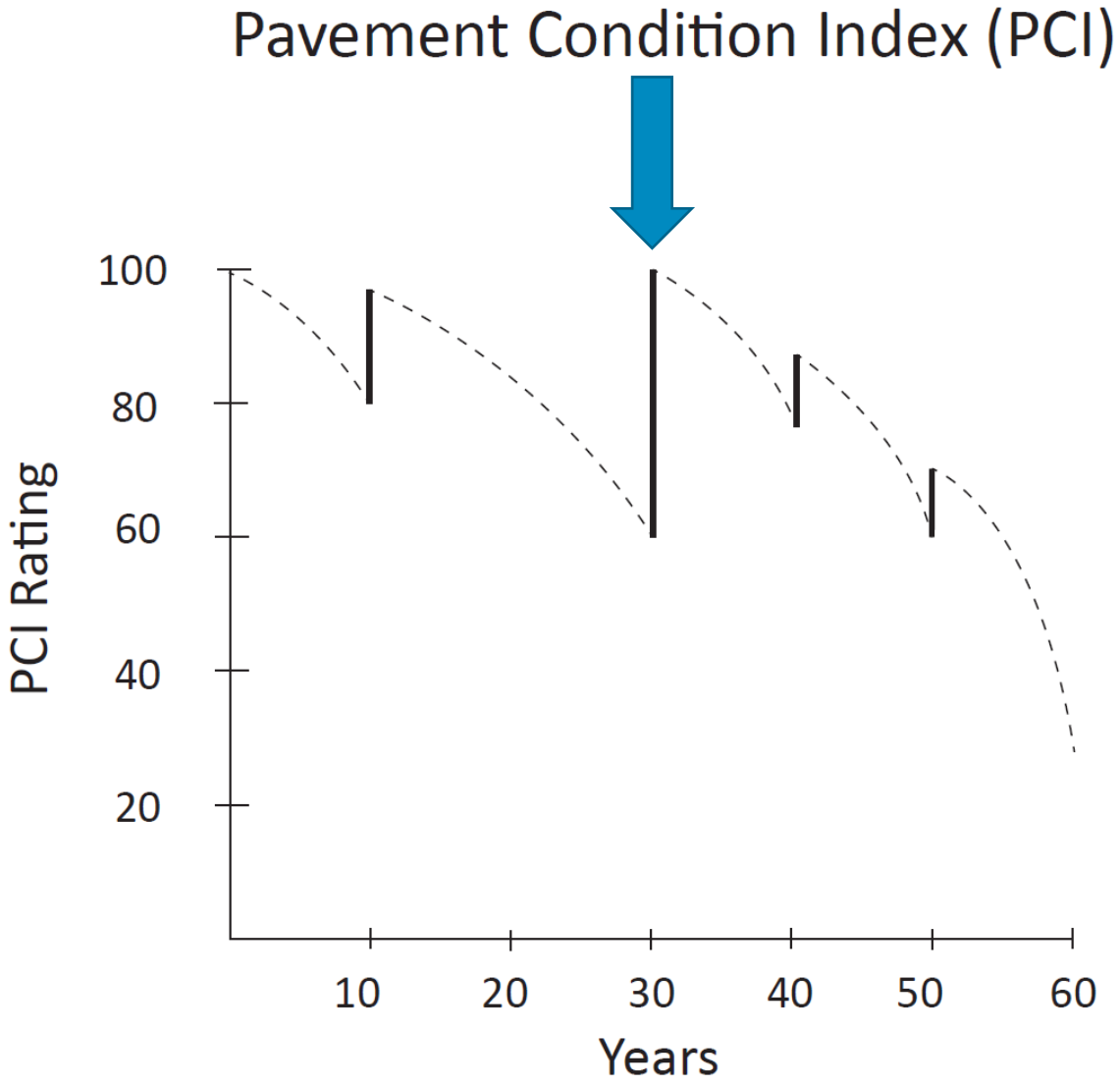


Preventative Maintenance

Crack sealing

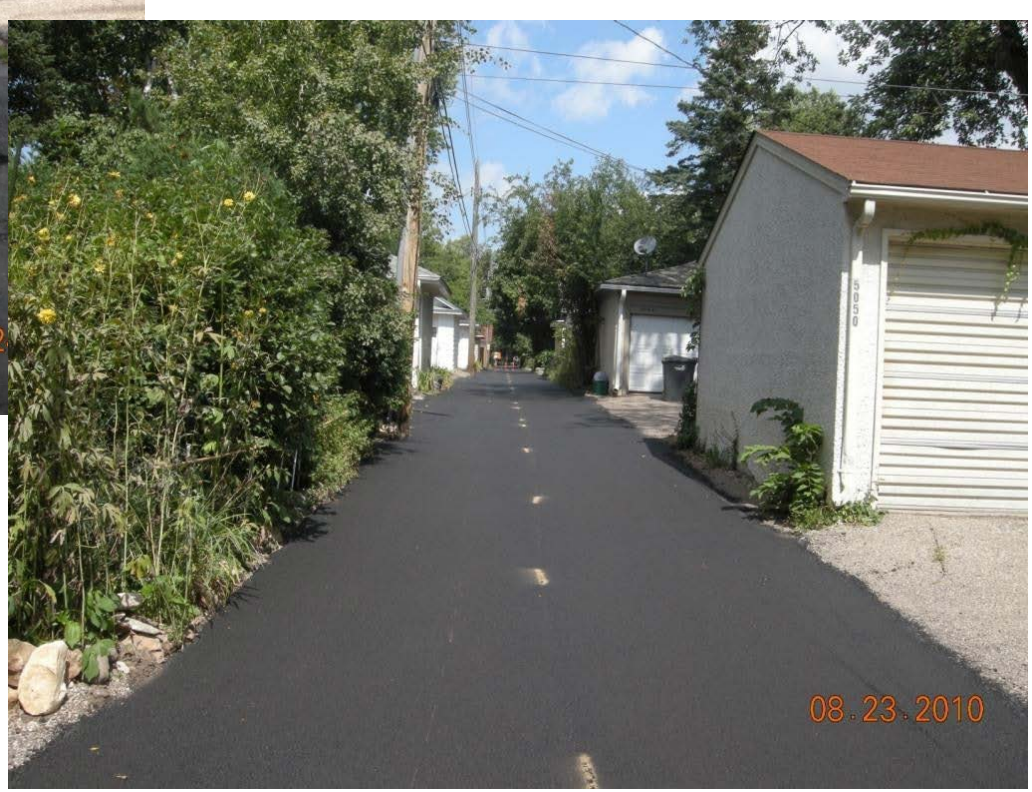
Seal coating

Pavement life cycle

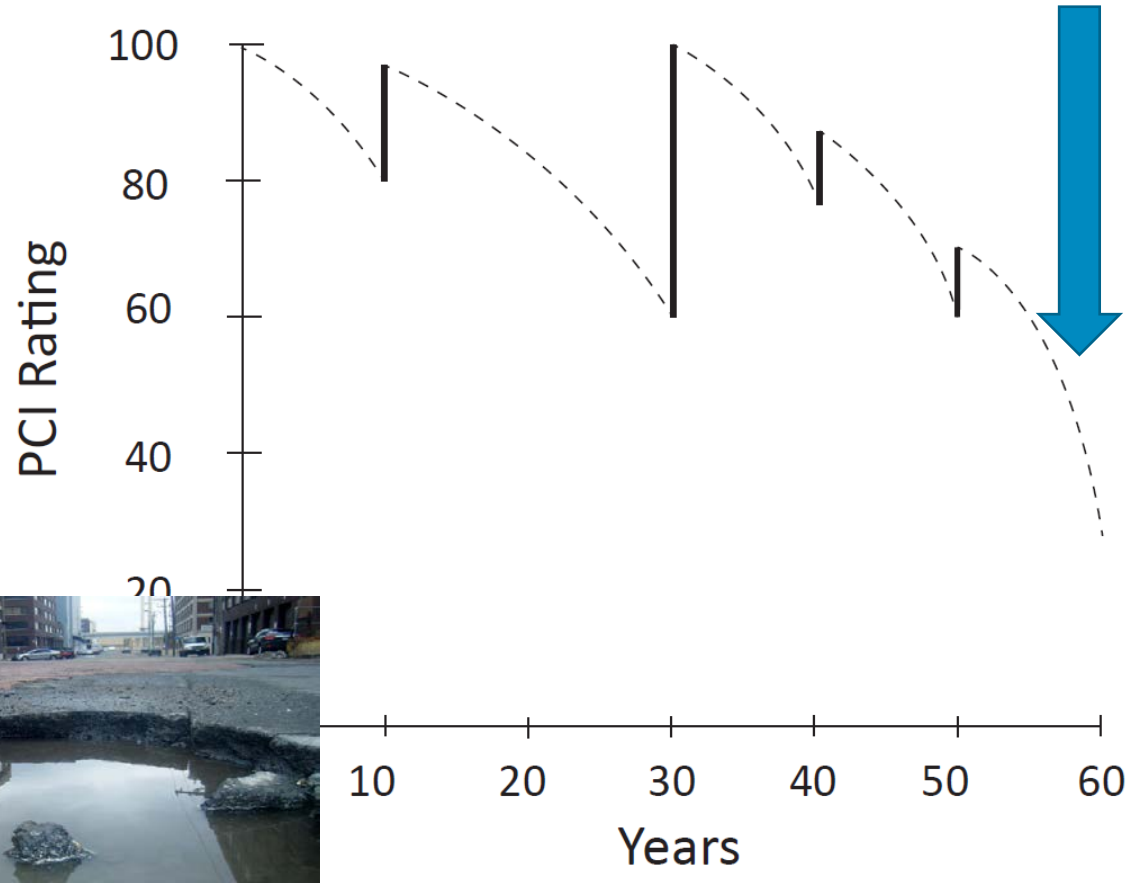


Resurfacing

Resurfacing



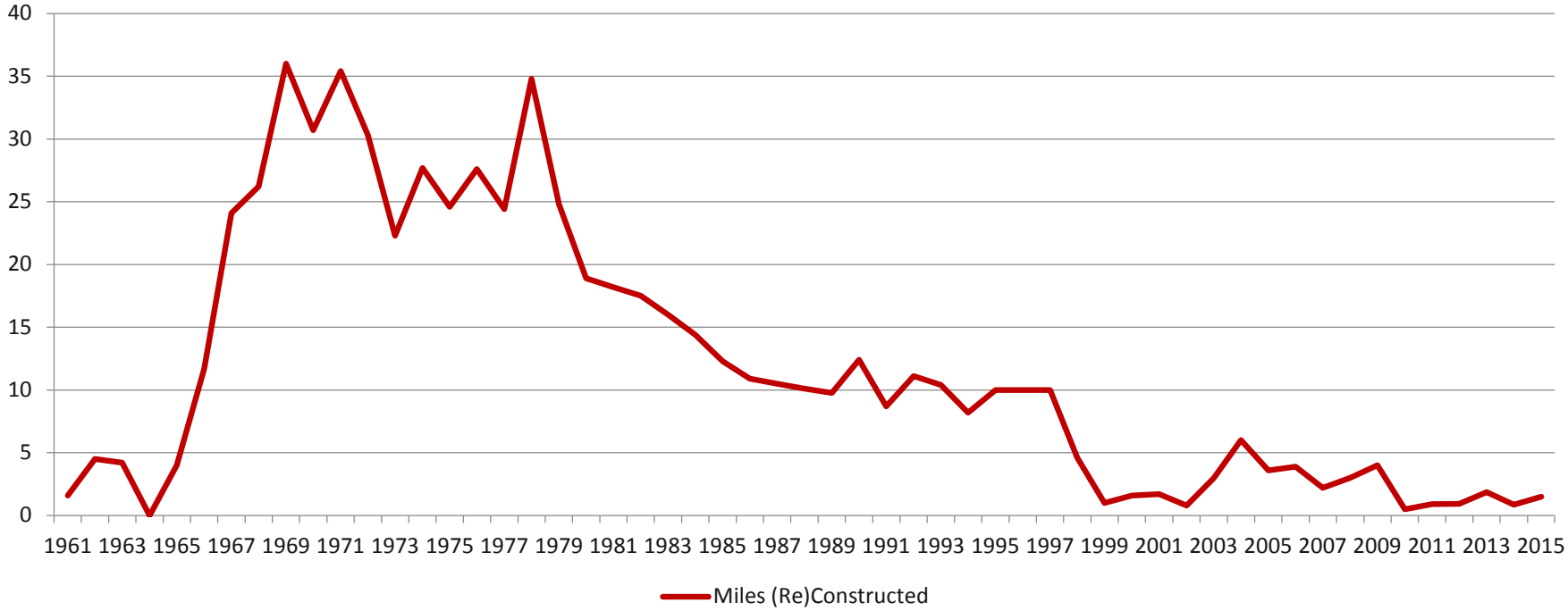
Pavement life cycle



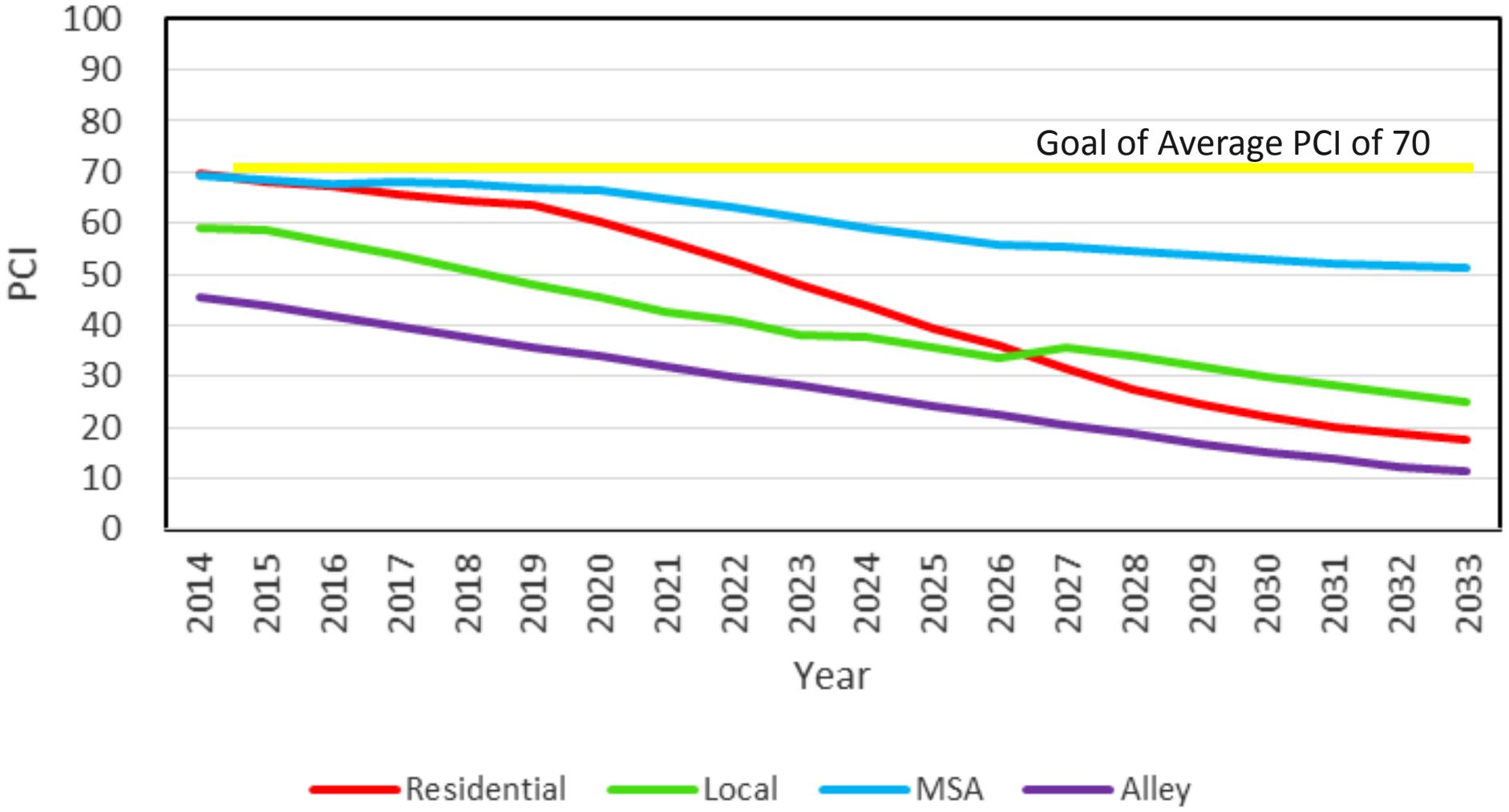
Reconstruction

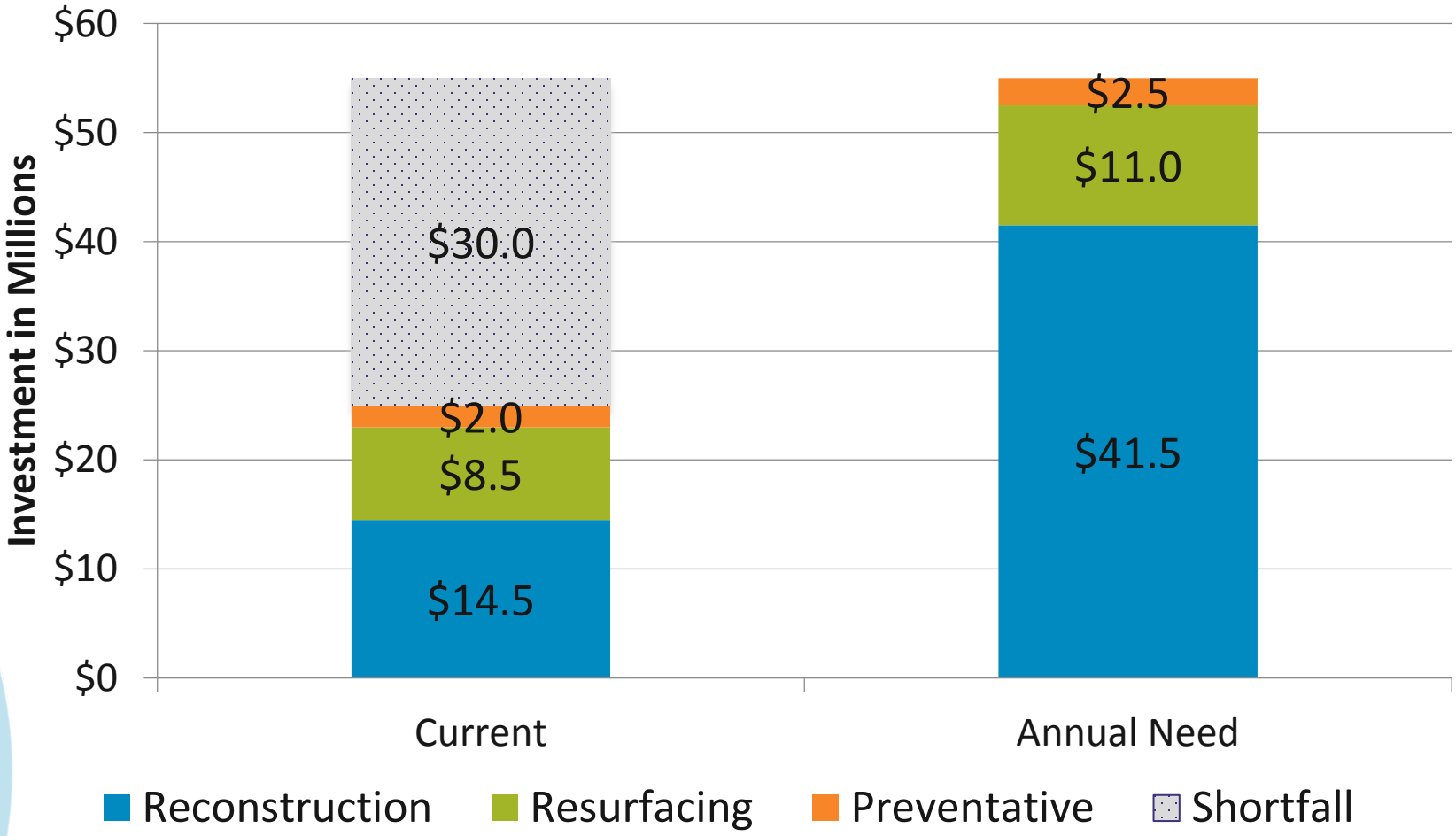
Street Reconstruction History

- Miles of Streets Constructed or Reconstructed (1961-2014)



Modeled PCI with Current Projected Funding



Annual Gap each Year for 10 Years

(with a goal of average PCI = 70)