

# Data Collection Iowa Experience

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# Proposed Rule

- IRI, Cracking, Rutting, Faulting
- 0.1 mile aggregation
- Interstate – Annual
- Non-interstate – Bi-annual

# Proposed Rule

- 0.1-mile sections = automated/semi-automated

## Iowa DOT Annual Cost

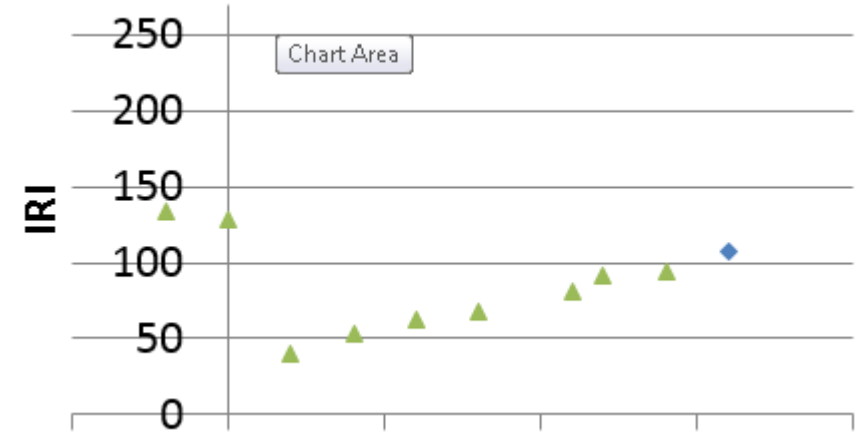
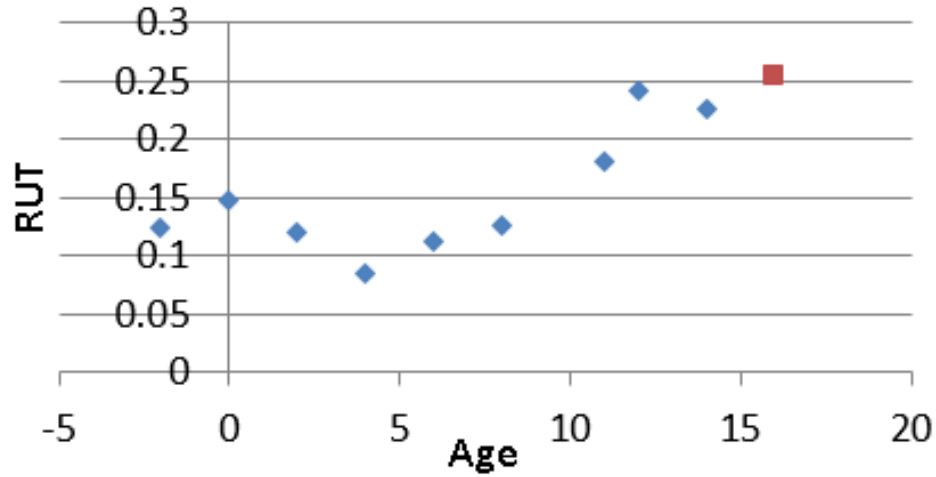
• Interstate	\$ 52.45/mile	1,850 miles
• Non-Interstate NHS	\$ 53.10/mile	5,900 miles
• Urban Paved Non-Primary	\$ 90.20/mile	3,900 miles
• Urban Paved Non Primary Major	\$92.55/mile	4,950 miles
• Rural Paved Non-Primary Locals	\$92.50/mile	4,950 miles
• Rural Paved Non-Primary	\$86.80/mile	21,100 miles

# Challenges

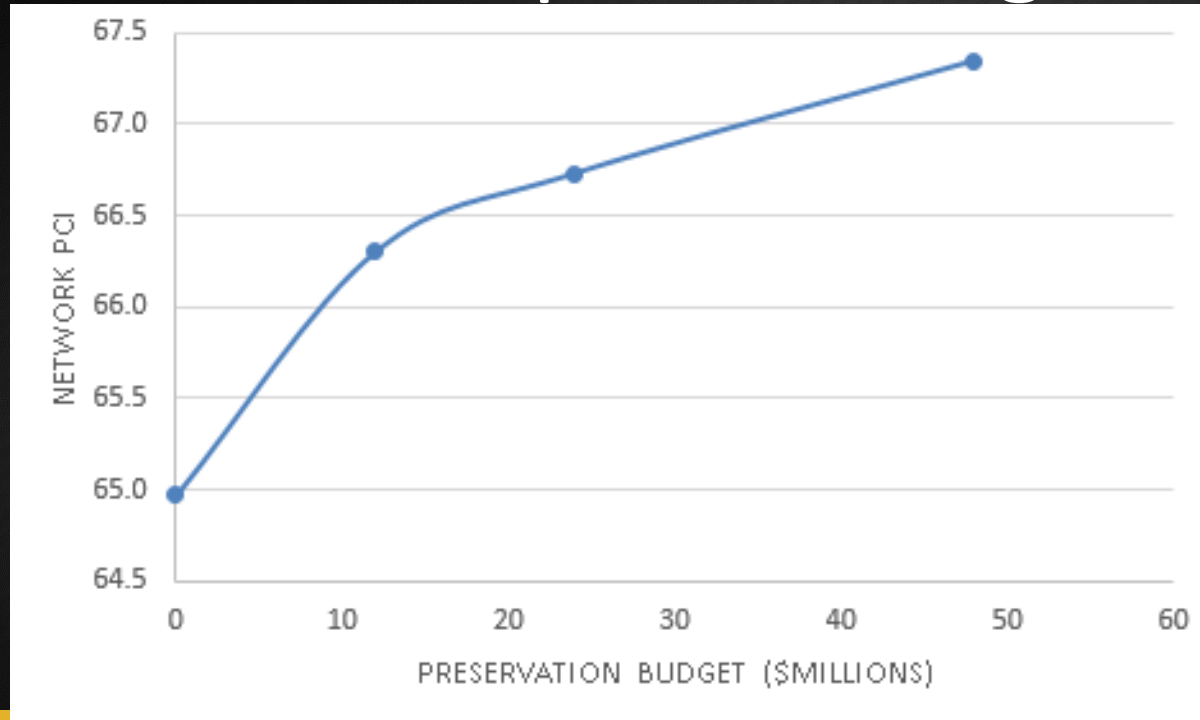
- Missing Data
  - Lane Deviations
  - Construction and Maintenance Activities

# Solutions

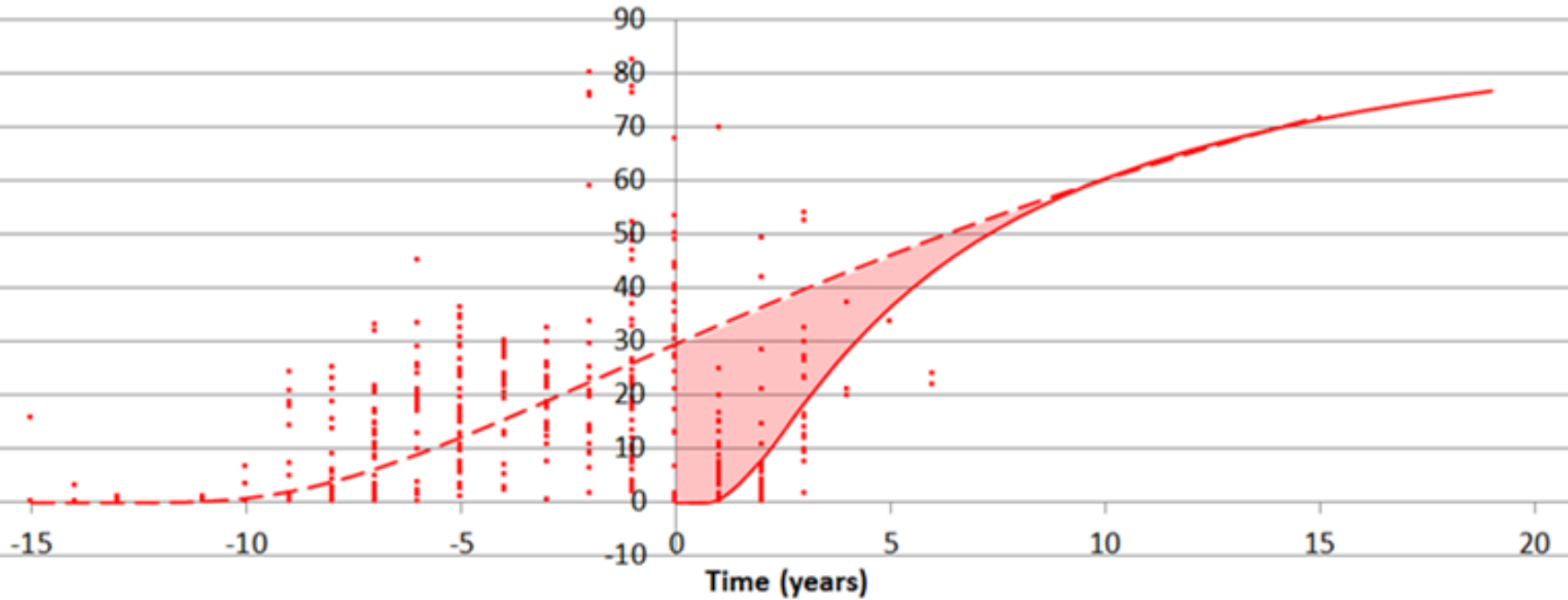
- Quality Control!
  - Consecutive zeros reported
  - Sample Statistics
  - Historic Trend Comparisons
  - Cross check with Construction Activities



# What's it all For? To Help Us Manage



### Microsurfacing Pre-Existing Cracking > 10%





Microsurfacing Pre-Existing Cracking < 10%

