

Asset Management

Transportation Commission Meeting

February 22, 2013

Stan Burns
Director of Asset Management

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Agenda

- Status
 - Data Collection
 - Needs and Accomplishments
 - Pavement, Bridge, Culverts, Signs
- Information/Recommendation
 - Policy
 - Funding

Data Collection

Continuous Survey

- Entire state highway system
- Both directions
- 6,000 centerline miles/
14,000 driven mile

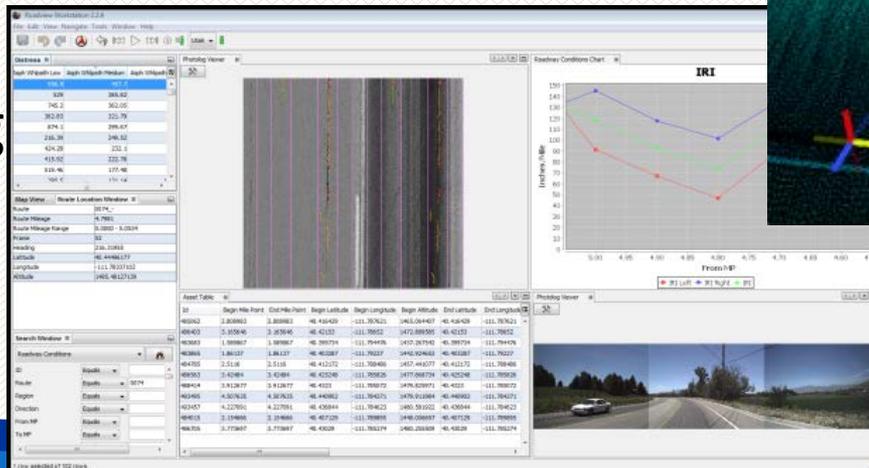
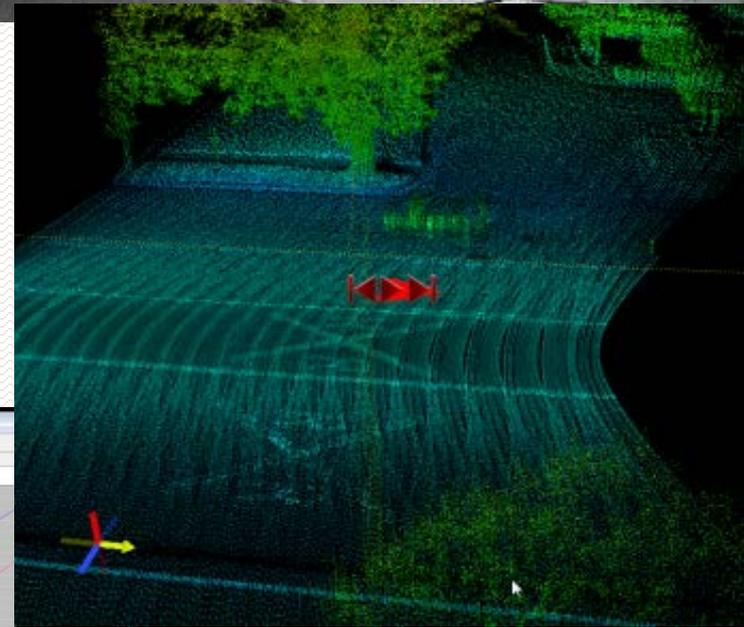
Scope

- Pavement Condition
- Geometry of Road
- Assets – Guardrail, Signs, Barrier, Signals, Painted Lines, etc.



Department Wide Effort

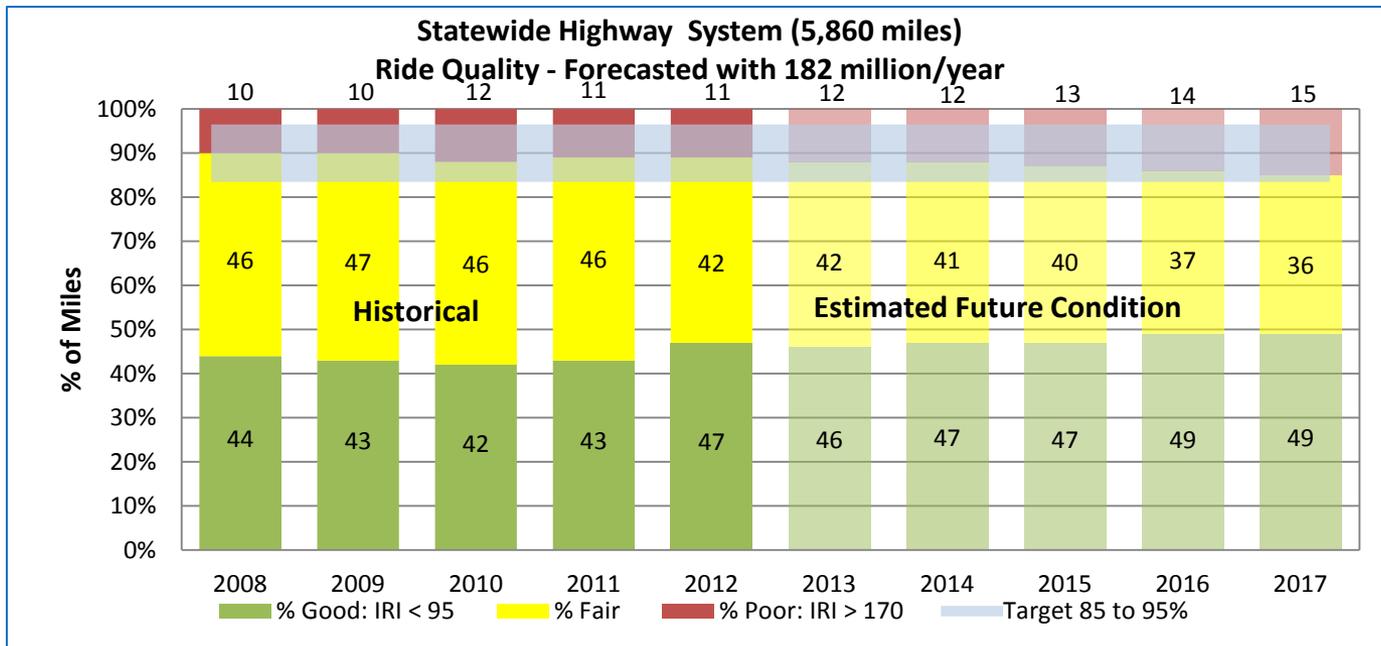
- Maintenance
- Traffic & Safety
- Structures
- Engineer Technology
- Dept. of Technology Service (DTS)
- Motor Carriers
- Preconstruction
- ROW
- Planning



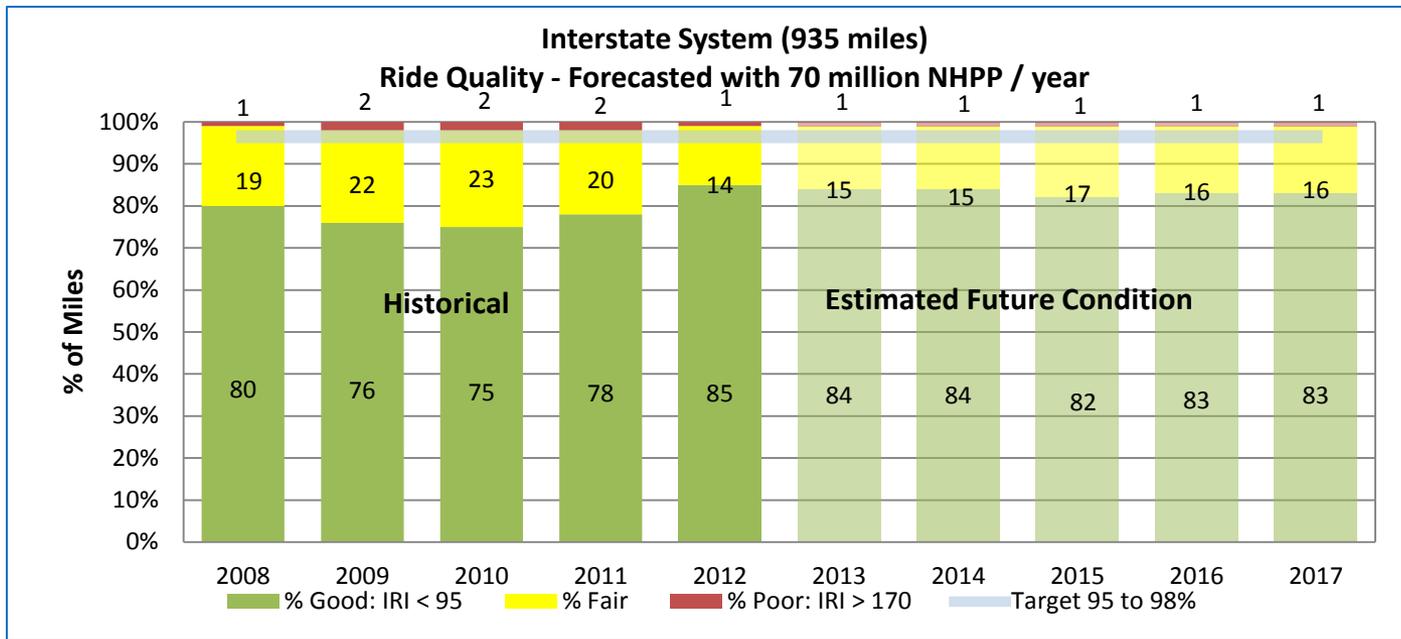
Pavements



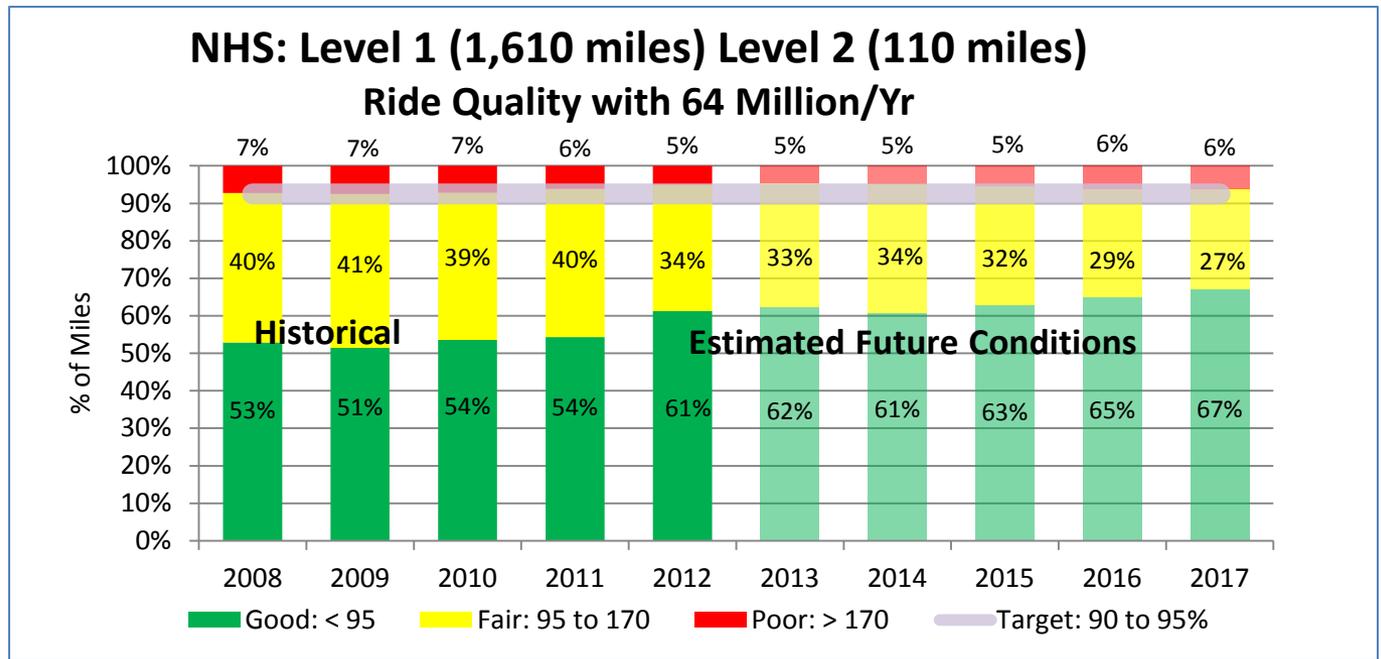
Statewide Condition



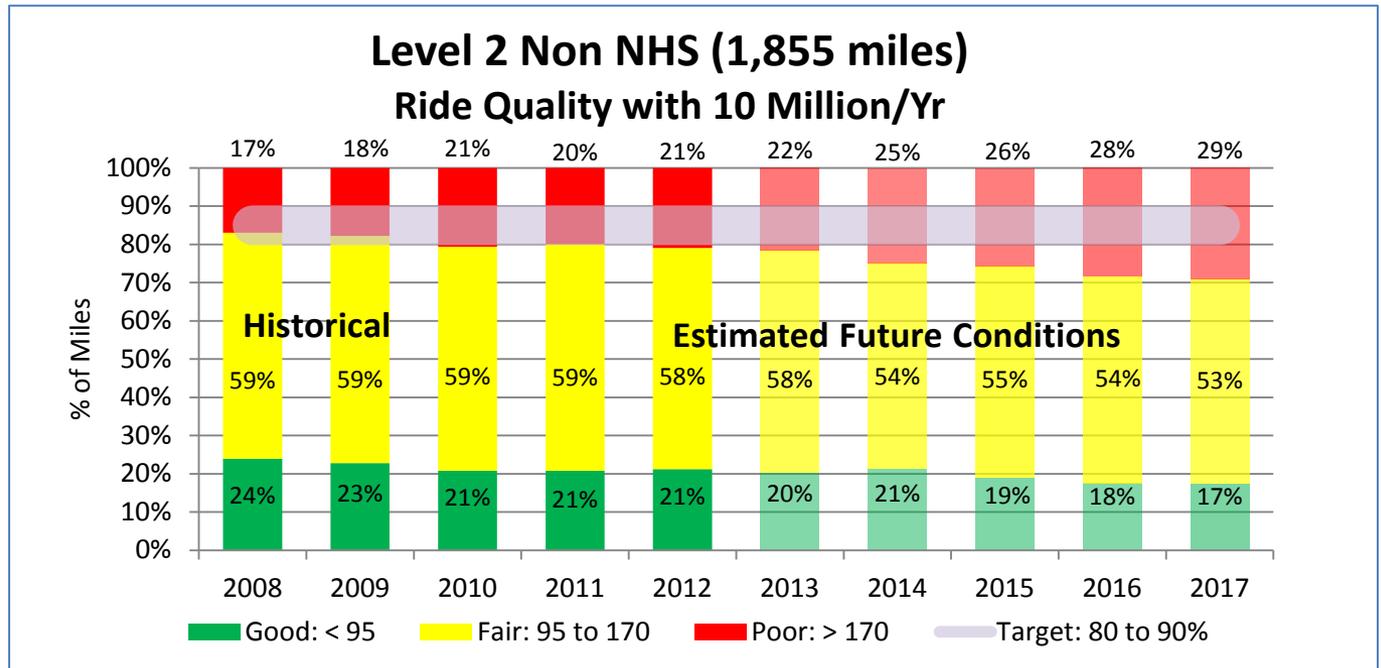
Interstate @ \$70M



Level 1,2 –NHS
@ \$64M

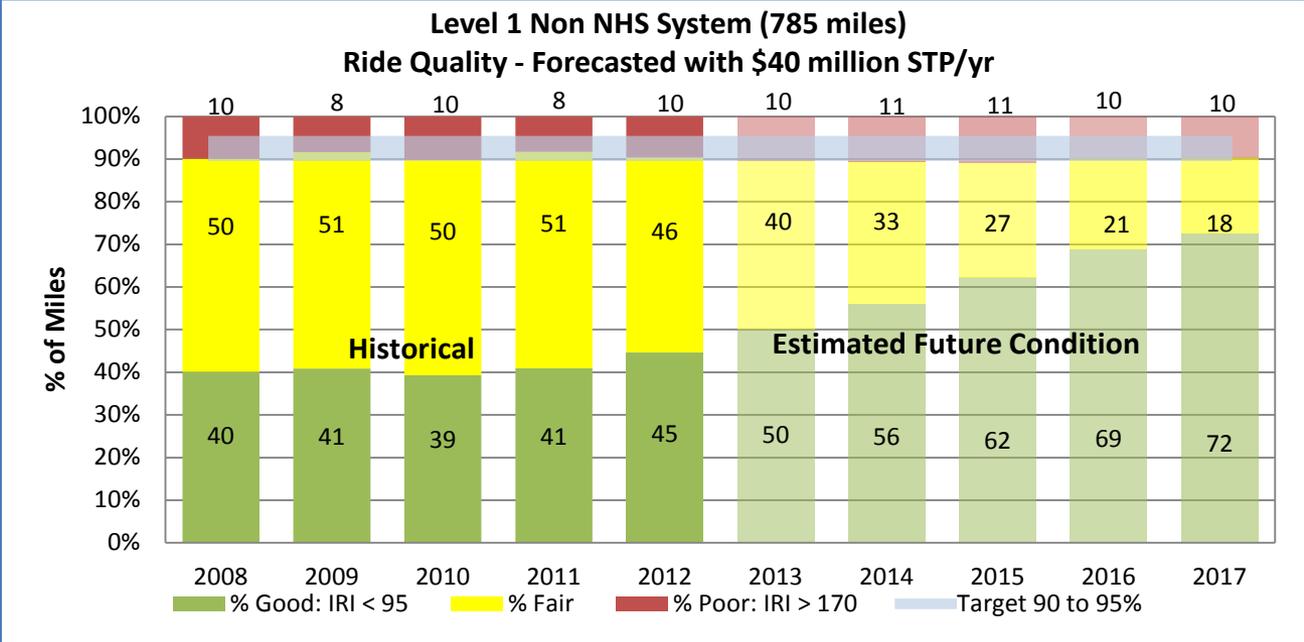


Level 2 @
\$10M

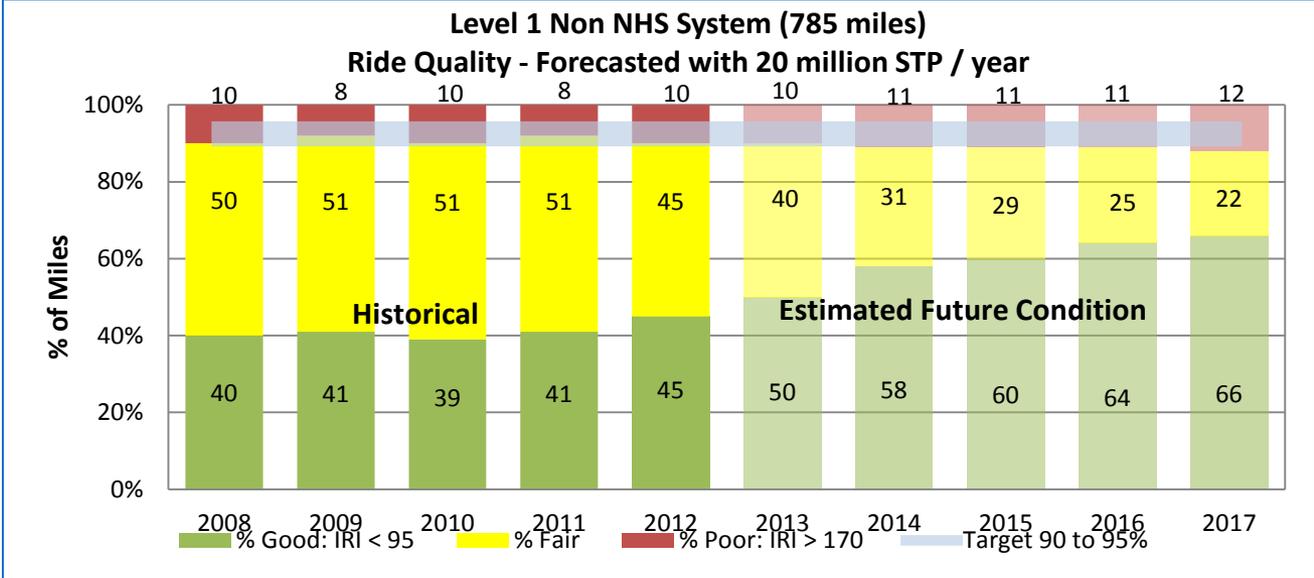


Level 1 non NHS - National Highway System

Original
@ \$40M



Proposed
@ \$20M



Level 1 Non - NHS

Existing

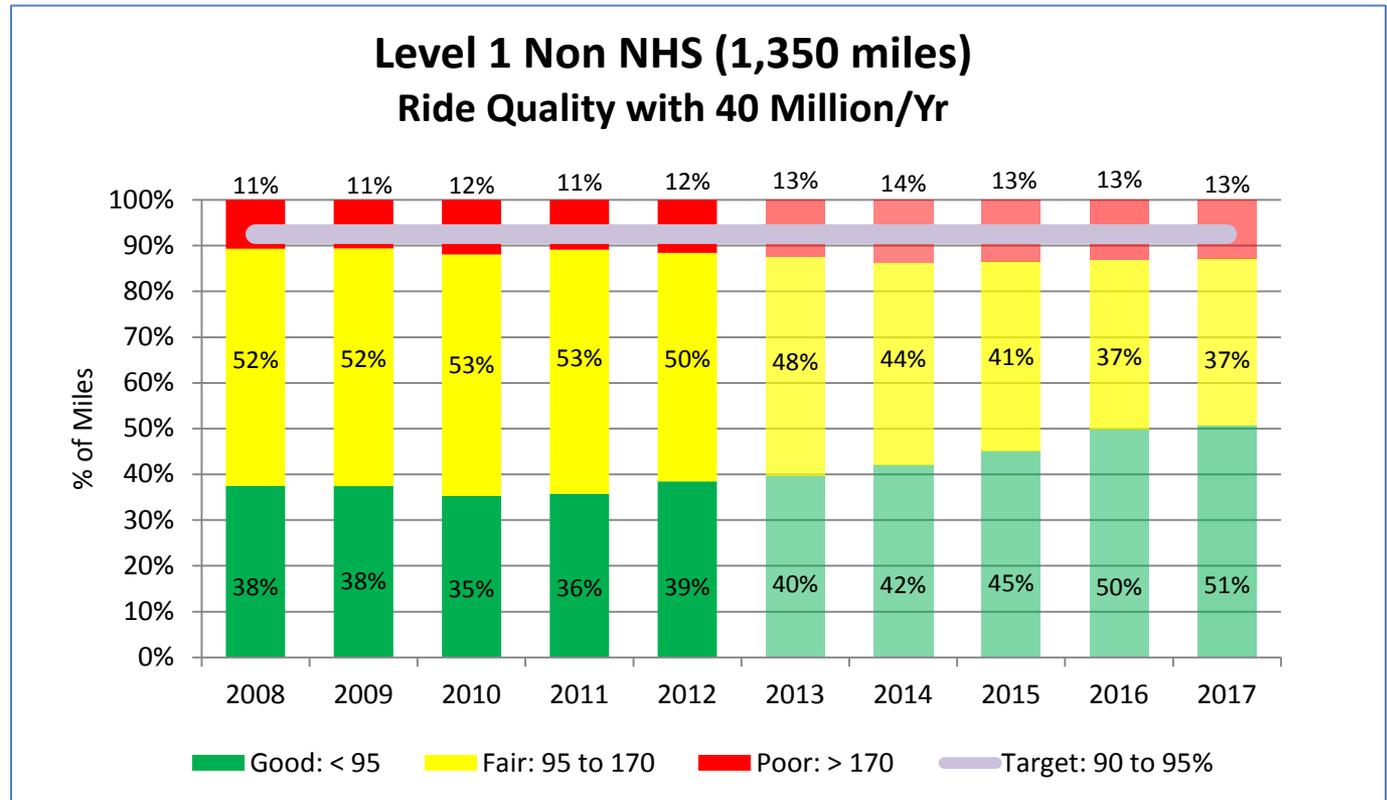
- Vehicles – 2,000
- Trucks – 500
- Mileage (Level 1) – 785
- Mileage (Level 2) – 2,495

Proposed

- Vehicles – 1,000
- Trucks – 200
- Mileage (Level 1) – 1,350
- Mileage (Level 2) – 1,965

Level 1 Non - NHS

Funding @\$40
Additional 535
miles



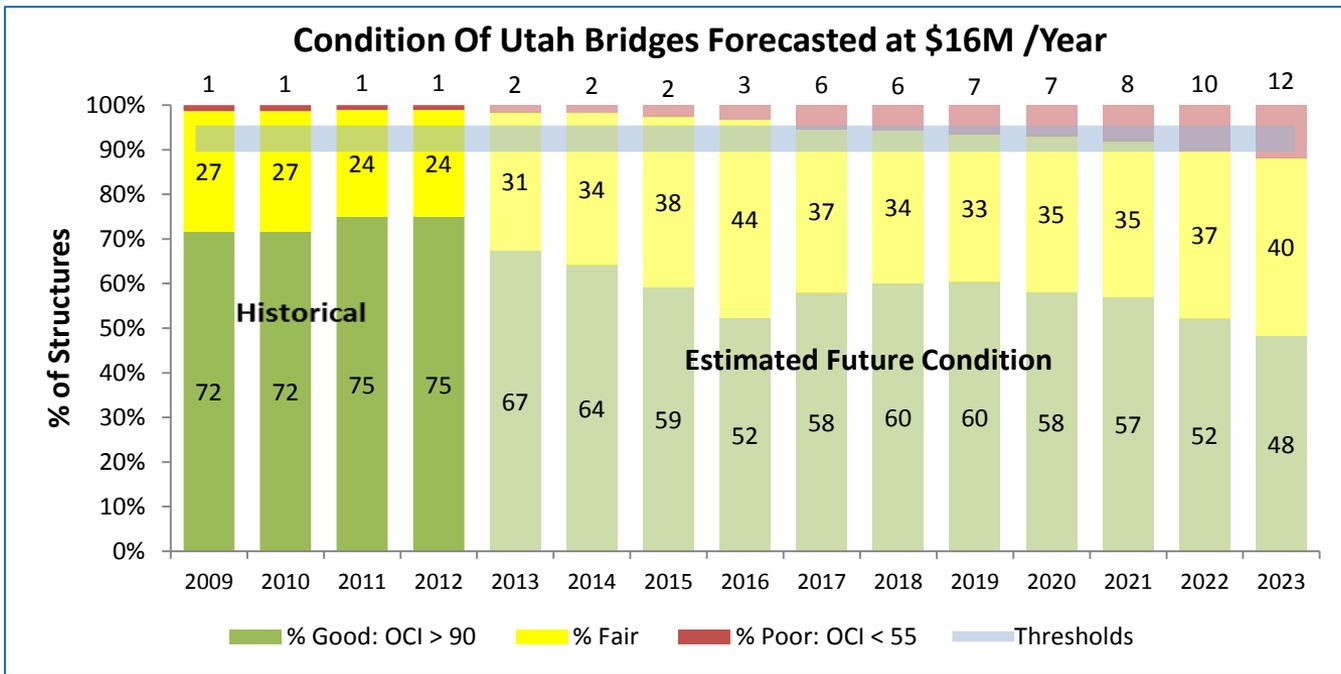
Recommendation - Policy

- 2009 Commission Resolved
 - Strategically manage pavements
 - Categories: Interstate, Level 1 & 2
- Today's Action: Information
- Present policy next commission meeting

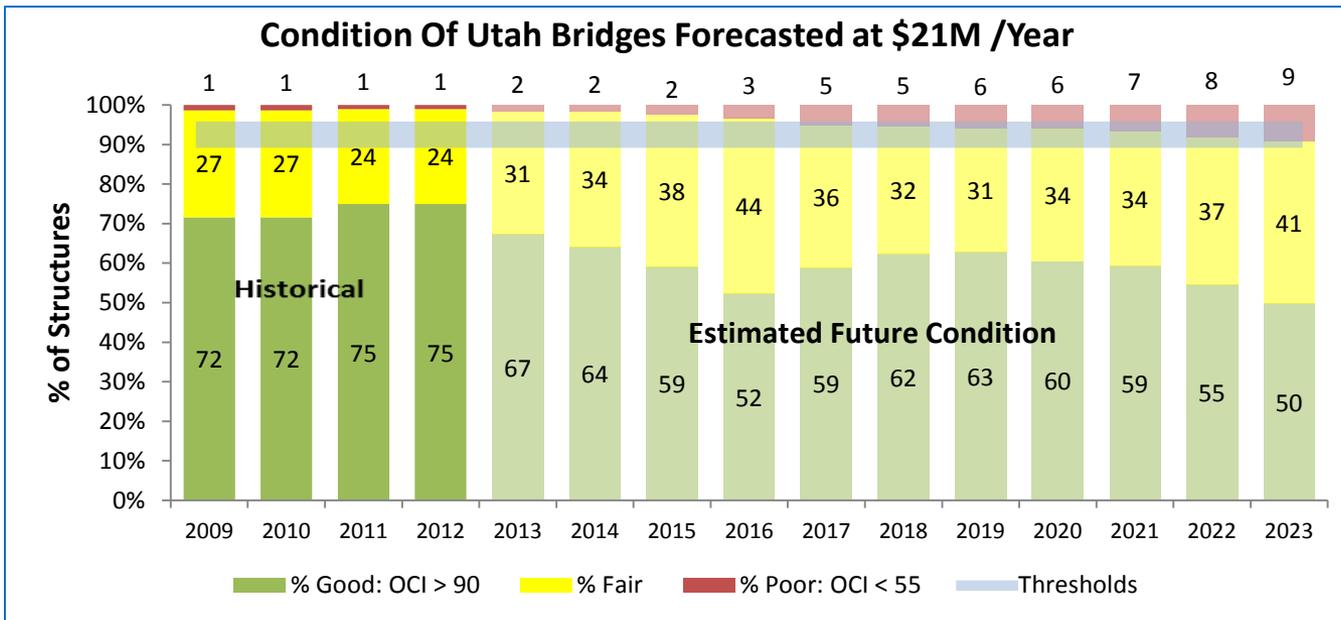
Structures



Original
\$16 M



Proposed
\$21M



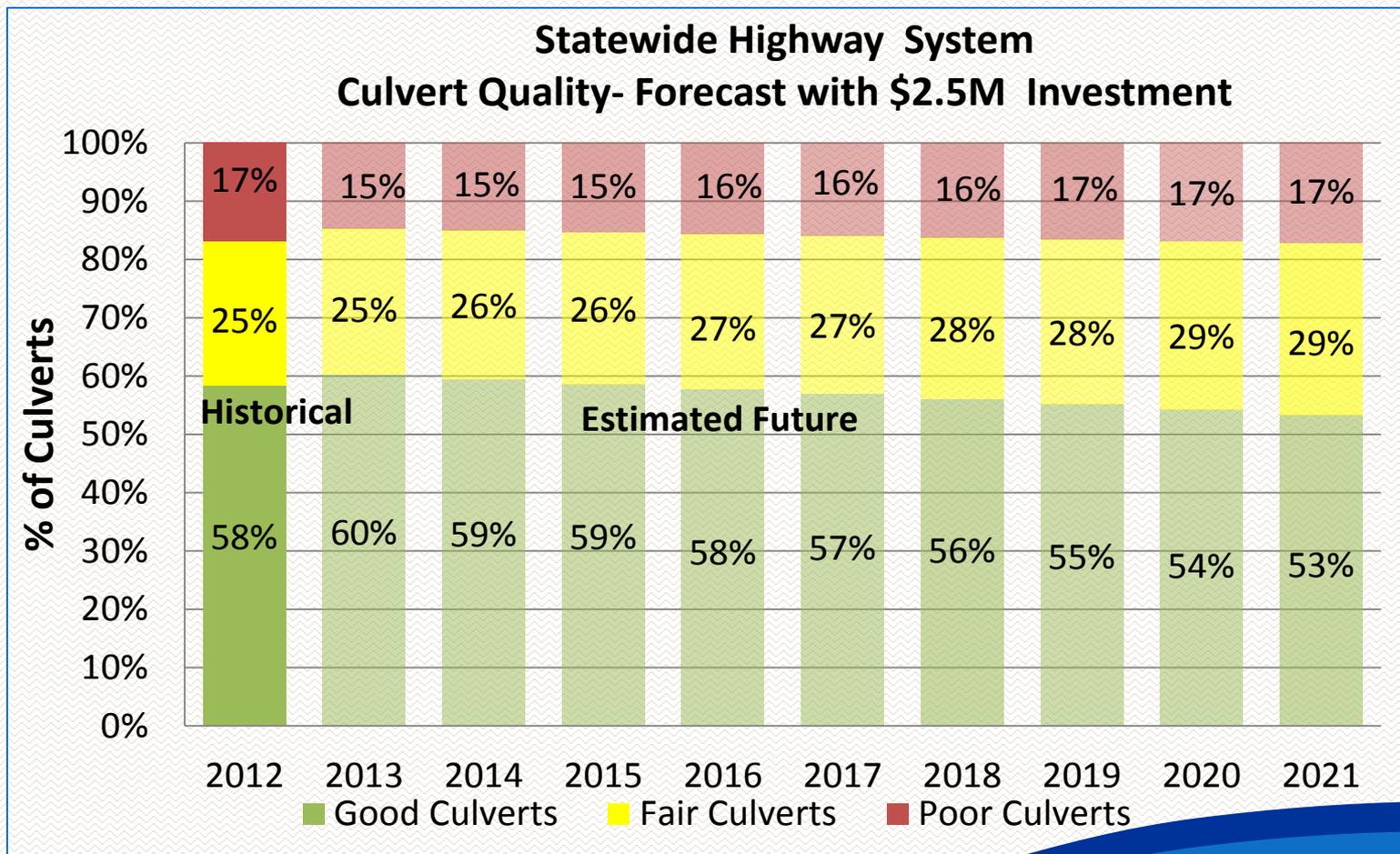
Culverts



Culvert Data Summary

• Good	17,232	58.5%
• Fair	7,254	24.6%
• Poor	4,979	16.9%
– Distortion Severe	47	
– Corrosion Severe	68	
– Sedimentation	4864	

Culverts



Signs

- Develop RFP
- Scope
 - Replace signs on I-15 Salt Lake County
 - Warranty for life of signs
 - Submit Sign Management System
- Funding
 - \$ 1M NHPP
 - Majority from HSIP

Funding Proposals

- Today's Action: Information
- April Workshop
 - Present specific program funding
 - Present specific projects

Funding Recommendations

Pavement

- Interstate
- Level 1 NHS
- Level 1 non-NHS

- State Funded
- Level 2

Funding

- \$70 M
- \$64 M
- \$40 M

- \$10 M

Funding Recommendations

Asset

- Structures

- Culverts
- Signs

- State Funded
- Structures
- Culverts

Funds

- \$20.2 M
 - \$15.2M – FY 2017
 - \$5M – FY 2014
- \$2.0 M
- \$1 M

- \$5M
- \$.5M

Questions