Senate Transportation Task Force

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Michigan Concrete Association

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Executive Director

Michigan Concrete Association

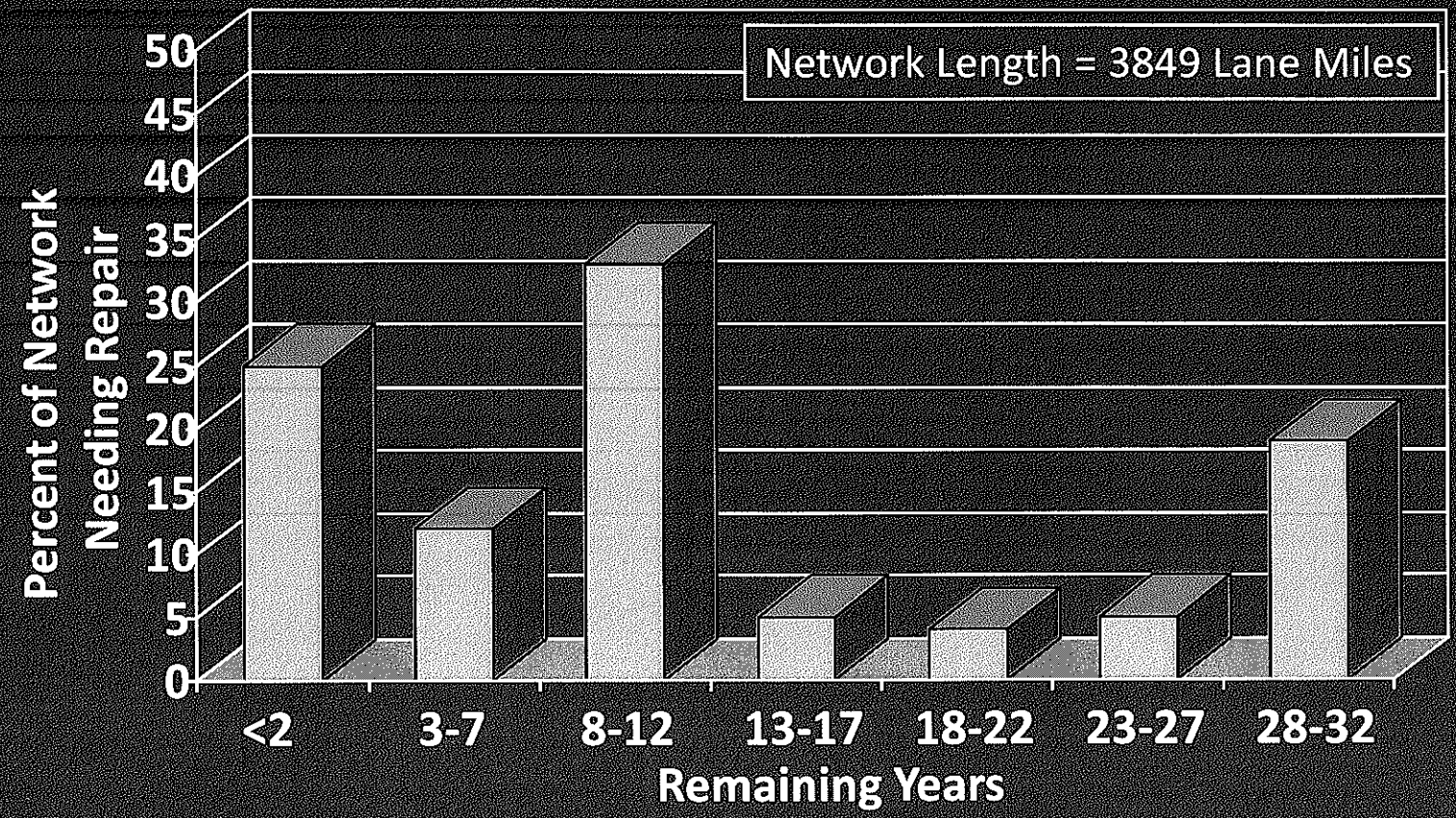
- Asset Management
- Program Administration
- Industry Capacity
- Innovative Concrete Practices

Asset management

- Delivered as promised – Top National Program
- Decision Making Tool

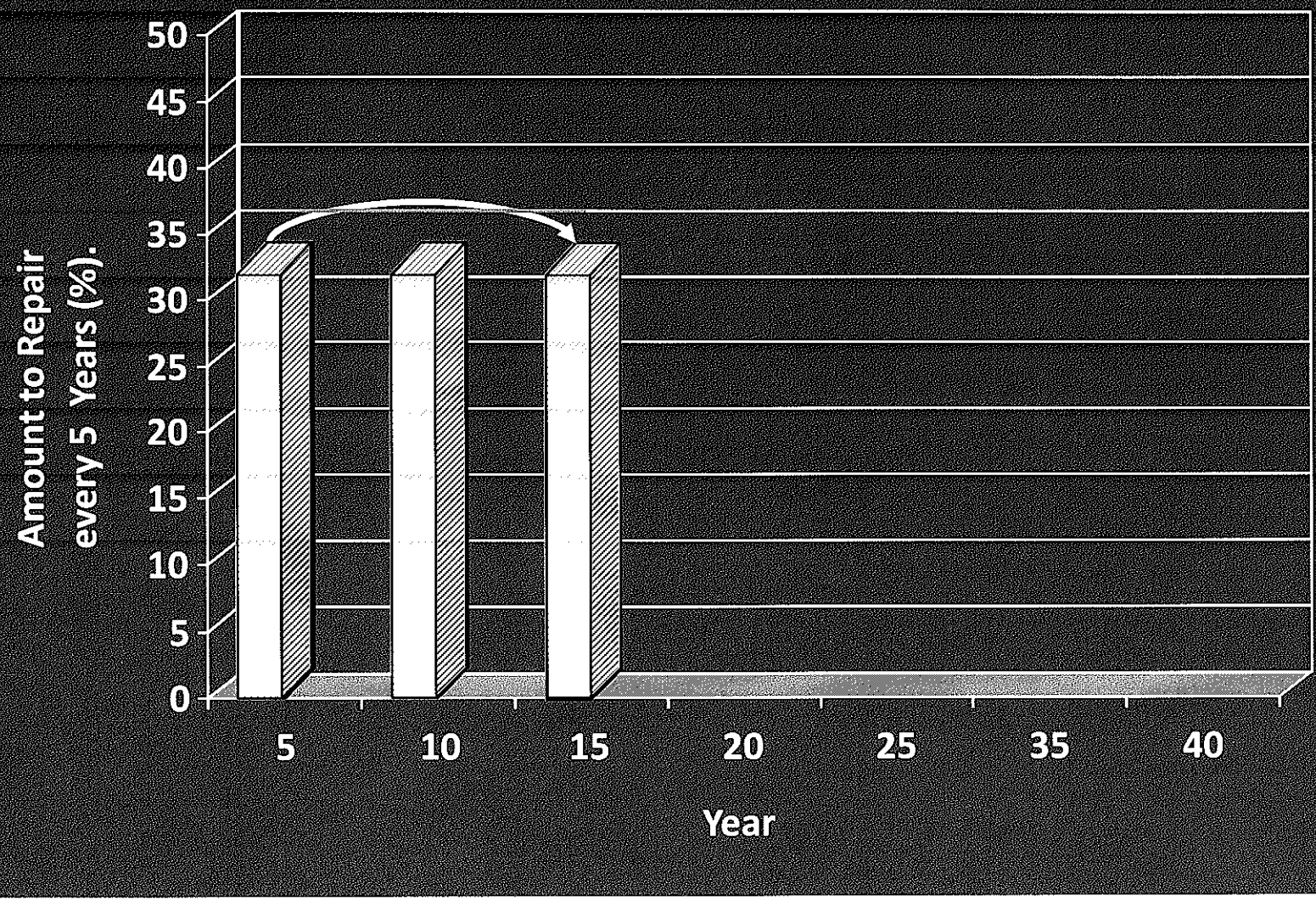
Network Impact

Look for the "Structural Holes" and fill them

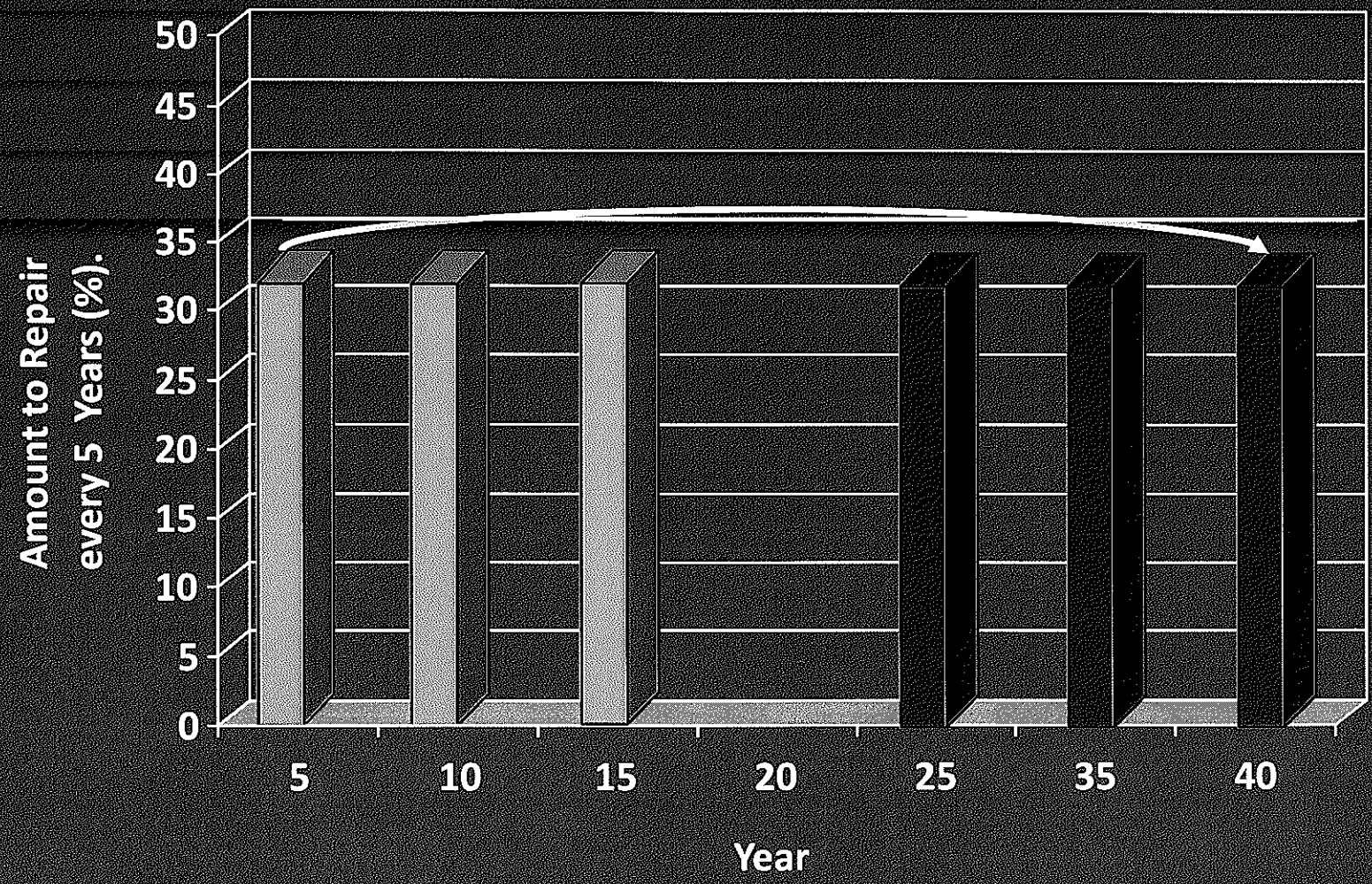


Michigan DOT: District 8 - Current Condition

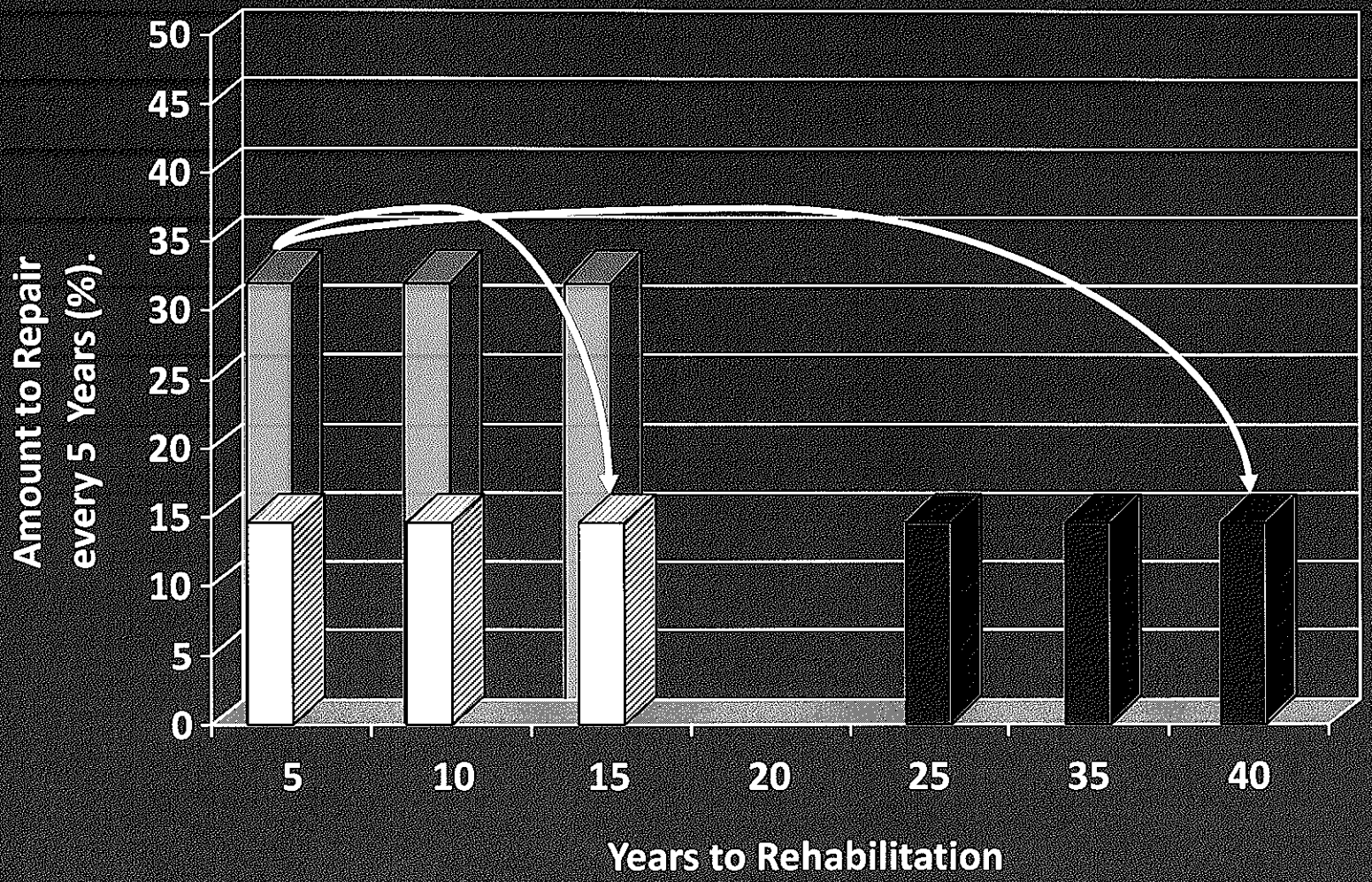
Network Impact: (Short-lived solutions)

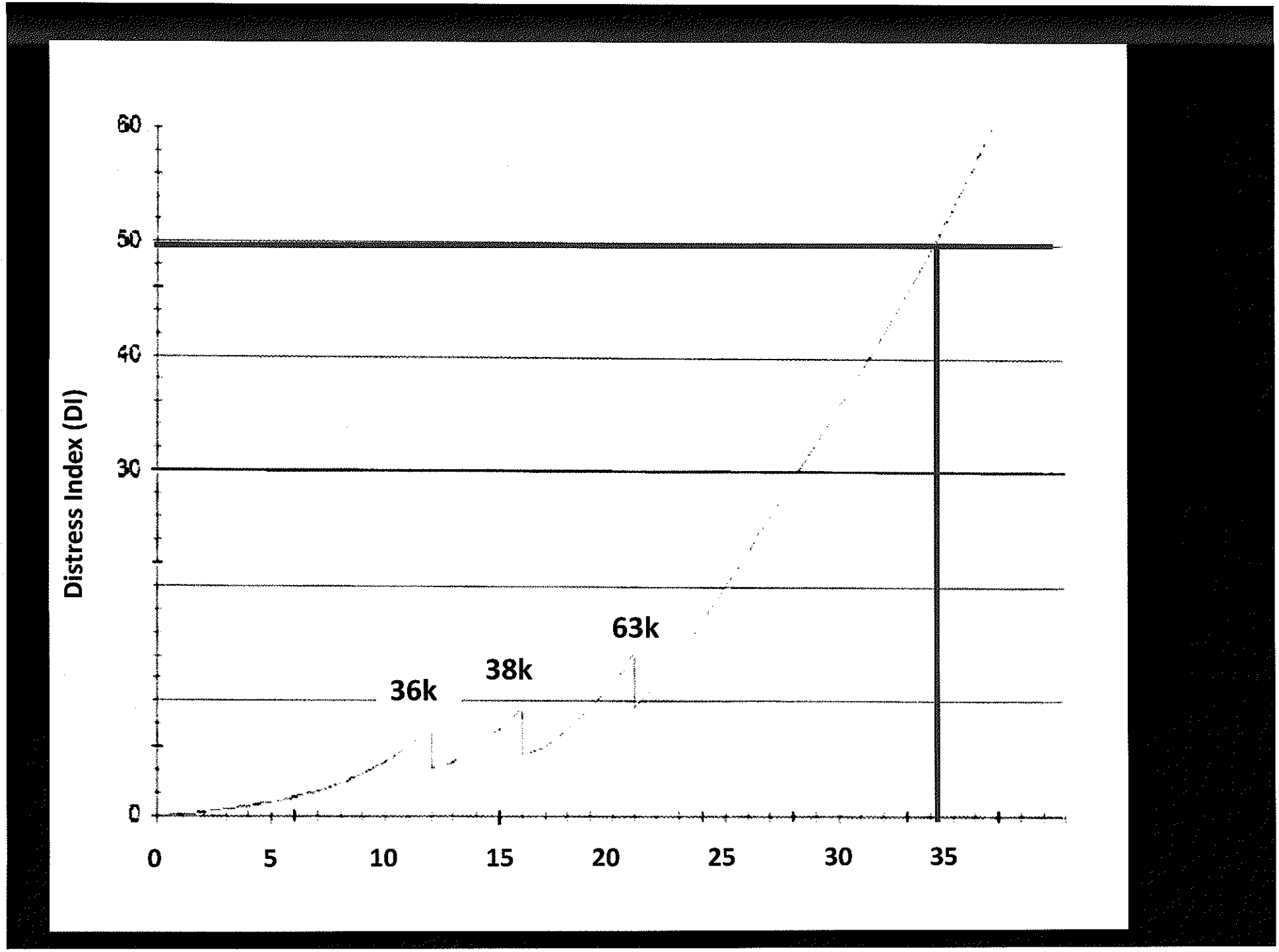


Network Analysis: (Long-term solutions)



Network Analysis: (Mix of solutions)




Distress Index (DI)
60
50
40
30
0
0
5
10
15
20
25
30
35
36k
38k
63k

Asset management

- Delivered as promised – Top National Program
- Decision Making Tool

- Establish and monitor long term goals
- Underfunding is a reality!

Program Administration

- Efficiency means doing the most with what you have, it does not mean cheap!
- FHWA Highways-for-Life Program
- National collaboration
- Innovations in contracting and project delivery
  - Shovel Ready – I-69

I-69 Design/Build/Finance, Alt Bid

Industry Capacity

- Historic Solid Contractor Base
  - Competition is key
- Historic Skilled Craft Base
- Paving Contractors
- Producer

Innovations in Concrete

- We ask for opportunity to compete
- Asset management – life cycle cost
- Better understanding of product
  – long life and higher quality = higher work volume
- New tests and specifications
- Overlays and recycling
- Design of pavement and mixes – longer life, lower costs