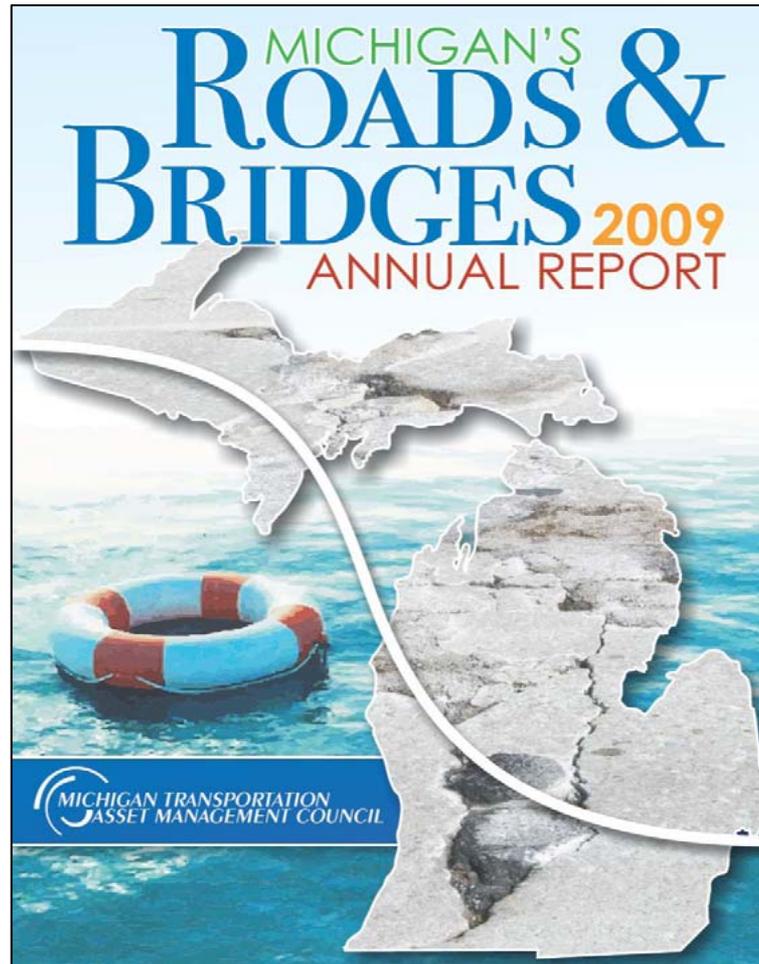


# 2009 Annual Report to the State Transportation Commission by the Transportation Asset Management Council

April 29, 2010



- **Six Years of Road & Bridge Condition Data**
- **Uniform Road Rating System for Entire State**
- **Emphasis on Training & Education**
- **Non-Federal Aid Road Condition Data / Policy**
- **Act 51 Reporting Reform**
- **5<sup>th</sup> Annual Conference**
- **2<sup>nd</sup> Annual Awards Program**
- **NEW Asset Management Bridge Committee**
- **NEW TAMC Website**

# Federal Aid Roads of Michigan by National Functional Class



**Legend**  
**National Functional Class**

- 1 Rural Interstate
- 2 Rural Other P.A.
- 5 Rural Other Freeway
- 6 Rural Minor Arterial
- 7 Rural Major Collectors
- 11 Urban Interstate
- 12 Urban Other Freeway
- 14 Urban Other P.A.
- 16 Urban Minor Arterial
- 17 Urban Collectors

0 15 30 45  
Miles

MDOT's Federal Aid Team April 16, 2003



# PASER Condition Rating

## Good



## Fair



## Poor



PASER = 10, 9, 8

### Routine Maintenance

- Crackseal
- Minor Patching
- Snow Removal

PASER = 7, 6, 5

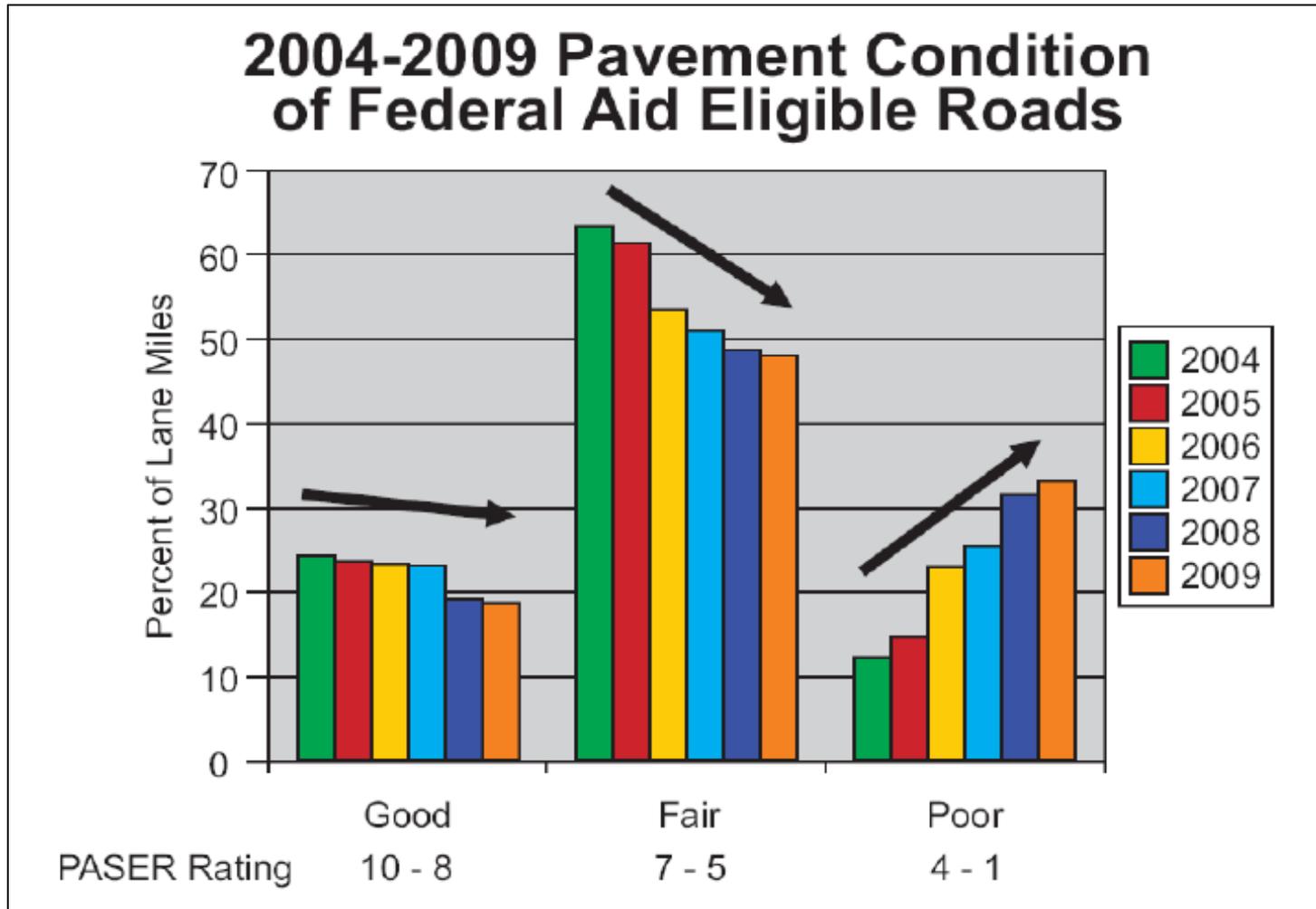
### Preventive Maintenance

- Crackseal/Patch
- Surface Treatment
- Non-structural Overlay
- Concrete Joint Repair

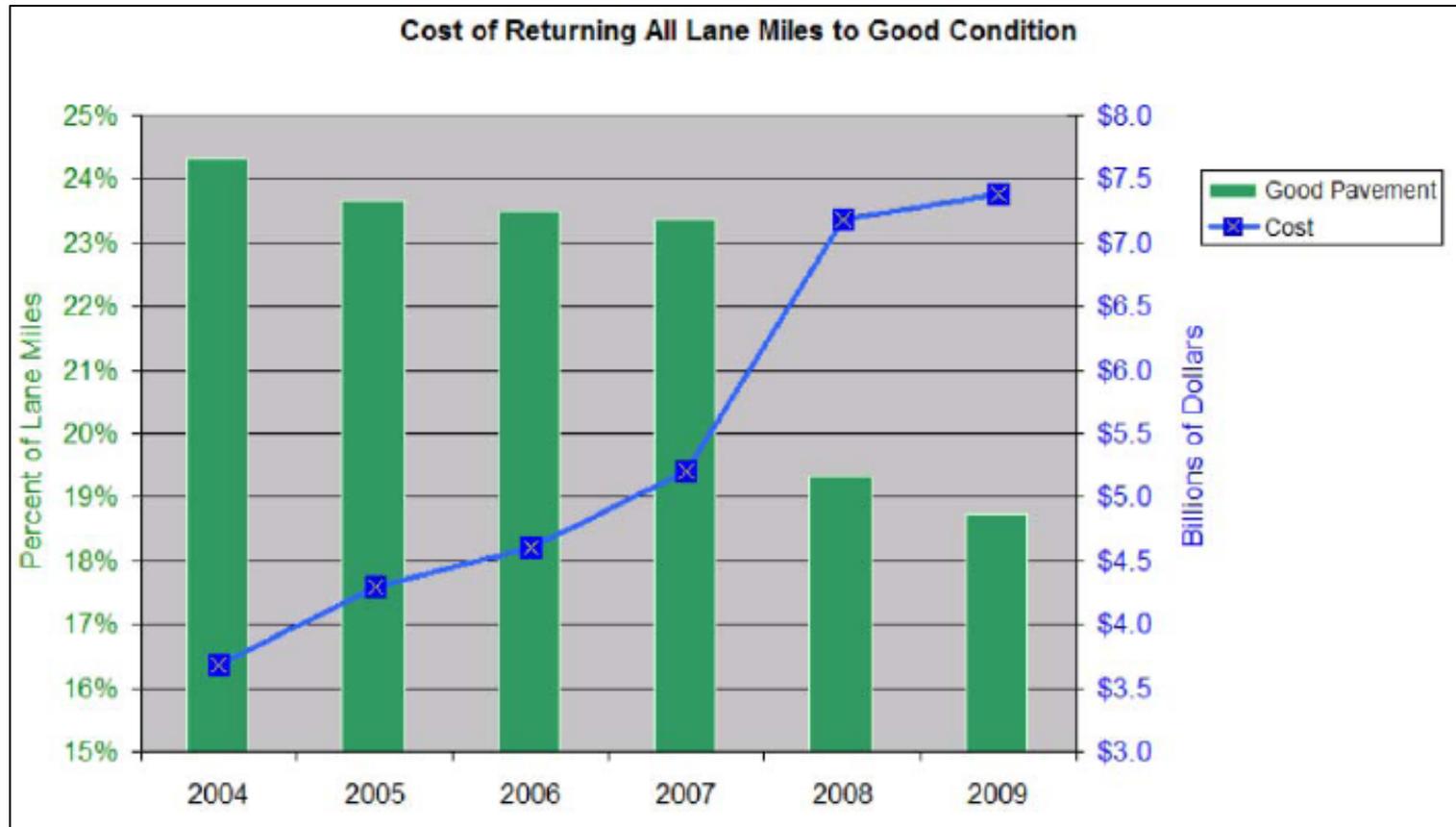
PASER = 4, 3, 2, 1

### Rehab/Reconstruct

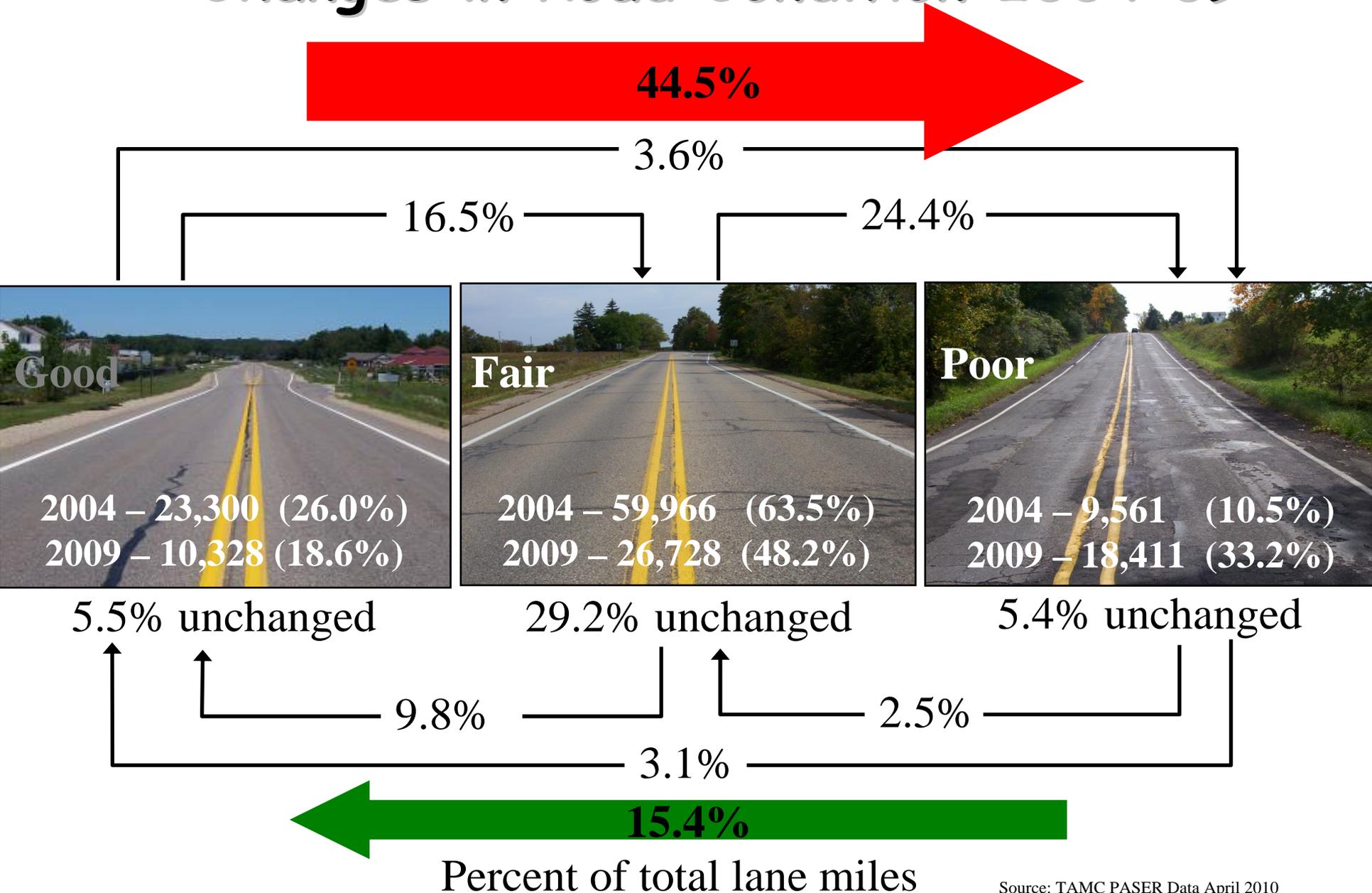
- Resurface
- Structural Overlay
- Replace Concrete Slab
- Complete Reconstruct

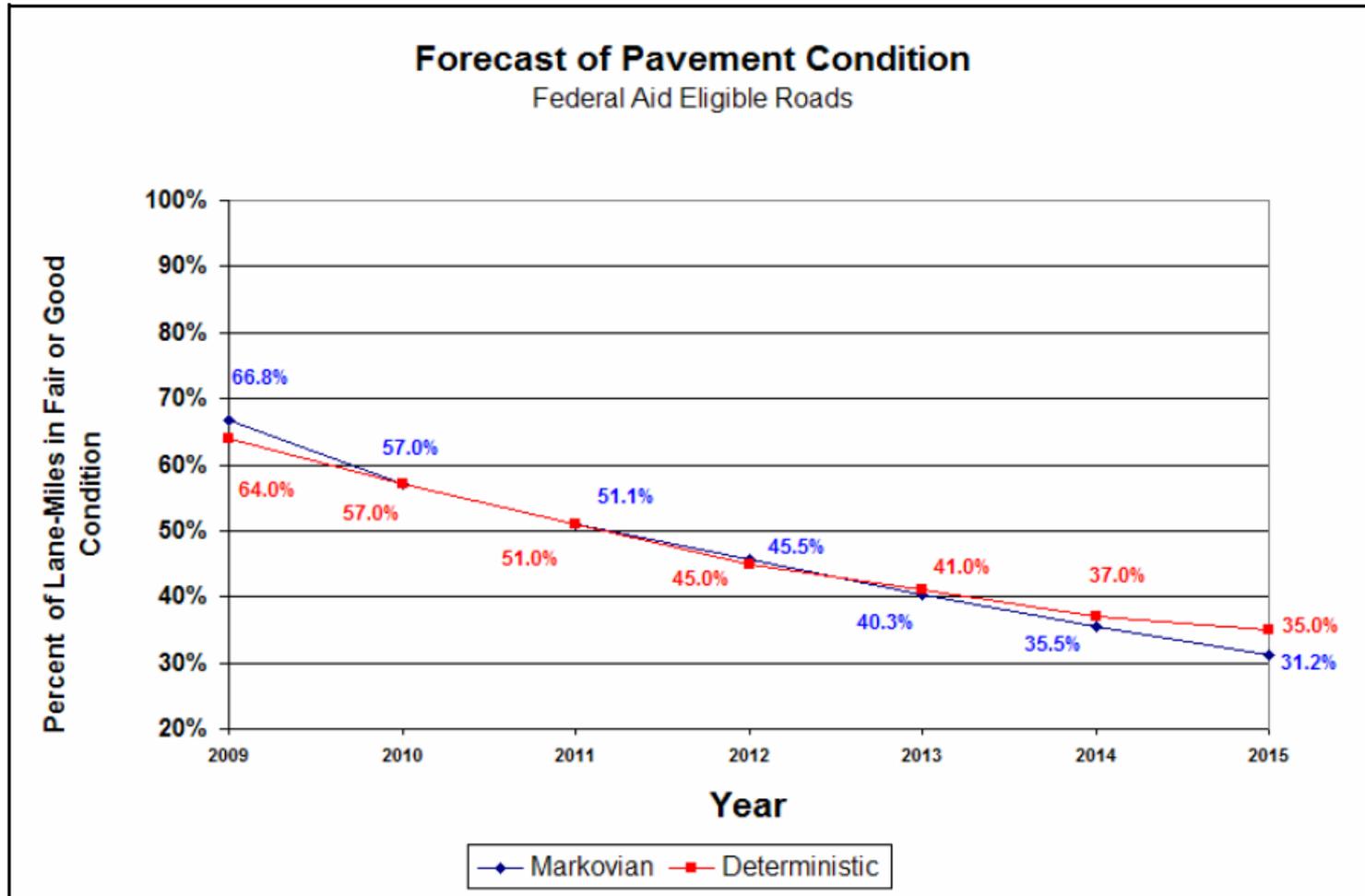


# 2004-09 Reduction in Asset Value

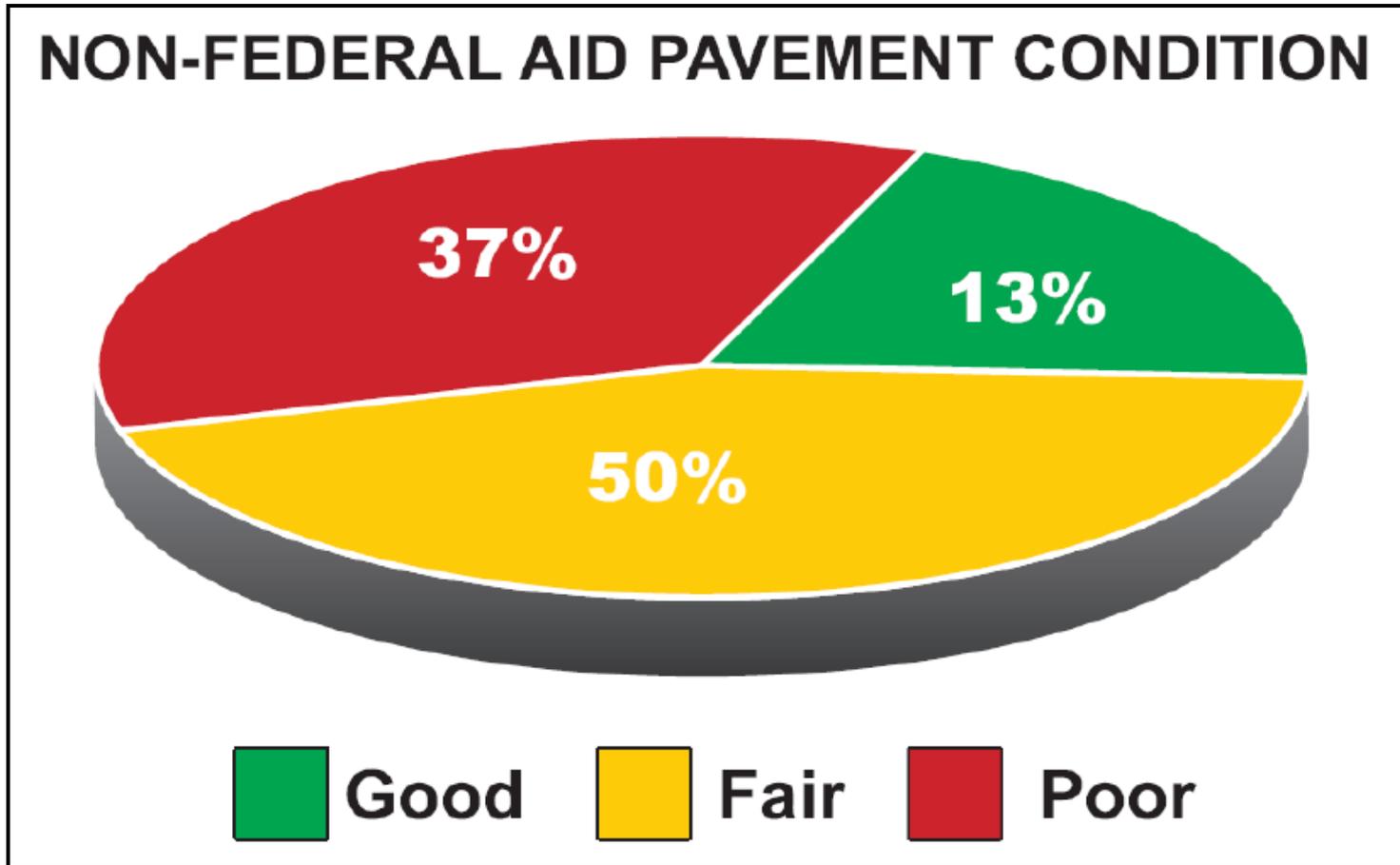


# Changes in Road Condition 2004-09

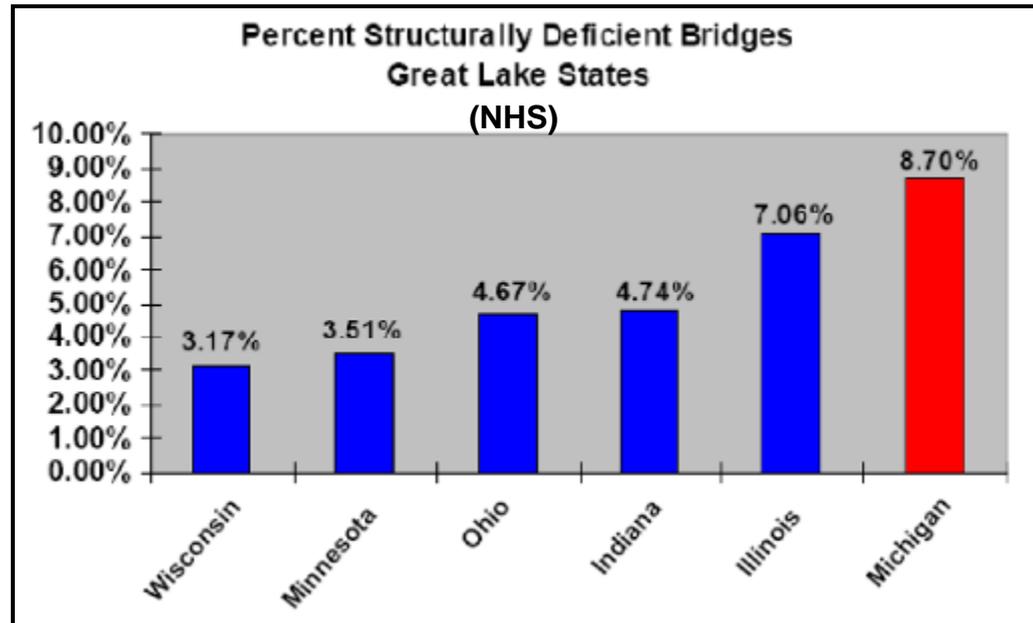




# 2009 (paved) Non-Federal Aid



- **Condition of State Owned Bridges Improving**
- **Condition of Local Owned Bridges Declining**
- **CPM Program at Local Level Needed**
- **NEW TAMC Bridge Committee – Creation of Asset Management Guide for Bridges, 2011**



- **Five (5) Asset Management Workshops – 113 Attendees**
- **Eleven (11) Elected & Appointed Officials Workshops – 306 Atd.**
- **Ten (10) PASER Trainings – 379 Attendees**
- **Fourteen (14) Investment Reporting Tool Trainings – 226 Atd.**

- **Condition of Federal Aid System has Deteriorated Every Year for the Past 6 Years**
- **The Rate of Deterioration is Increasing**
- **Projections Forecast this Trend Continuing**
- **Continued Reduction in Asset Value**
- **Limited Sample of Pavement Condition of (paved) Non-Federal Aid System Indicates Condition Worse than Federal Aid System**
- **State Bridge Condition – Improving**
- **Local Bridge Condition – Declining**

- **Creation of Sample Asset Management Plan**
- **Creation of an Asset Management Guide for Bridges**
- **Continued Training & Education Efforts**
- **Continued Data Collection Efforts**
- **Refined Model(s) Forecasts**
- **Possible Legislation to Expand the Focus of the TAMC to Additional Roadway Infrastructure**

# Thank You!



[www.michigan.gov/tamc](http://www.michigan.gov/tamc)