



**2008
Transportation Asset Management
Conference
May 19, 2009**



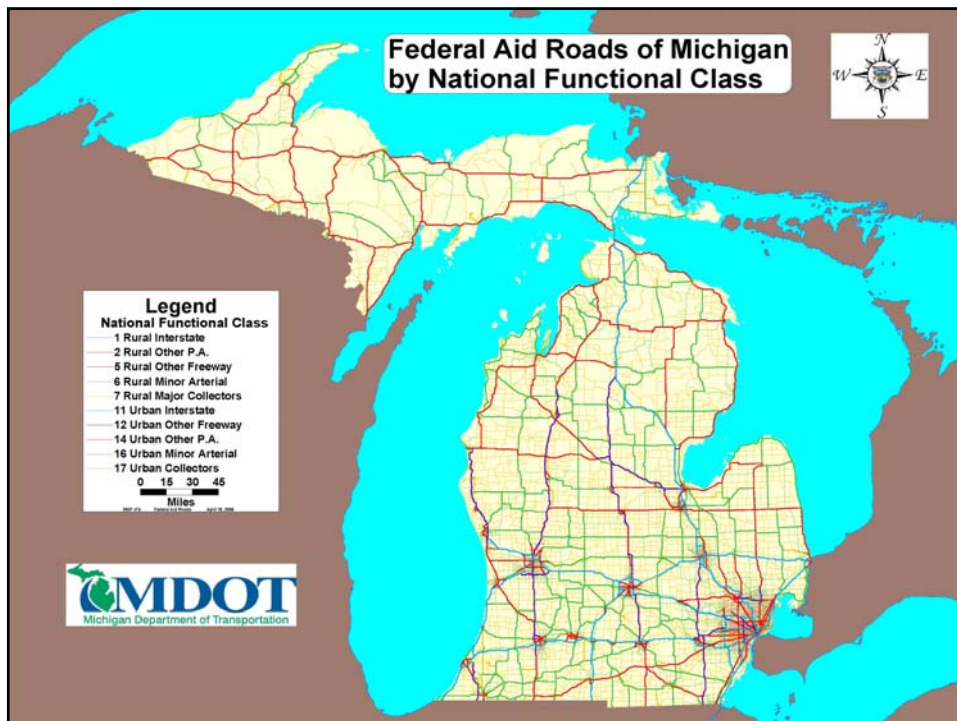
Accomplishments

- Five years of road and bridge condition data
- Uniform rating system for entire state
- Emphasis on training and education
- Non-Federal Aid Road Condition Data
- New Asset Management Bridge Committee
- Act 51 Reform



Accomplishments

- Predictive Model at Statewide level
- Contributed to the TF2 Report
- Instituted awards program
- 4th Annual Conference





PASER Condition Rating

Good

Fair

Poor



PASER = 10, 9, 8

PASER = 7, 6, 5

PASER = 4, 3, 2, 1

Routine Maintenance

- Crackseal
- Minor Patching
- Snow Removal

Preventive Maintenance

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

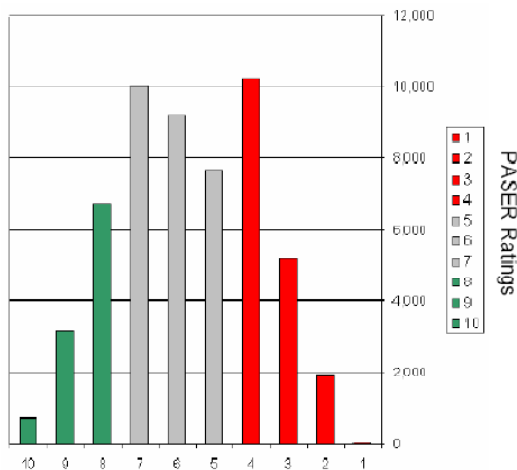
Rehab/Reconstruct

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



Pavement Condition 2008

by lane miles

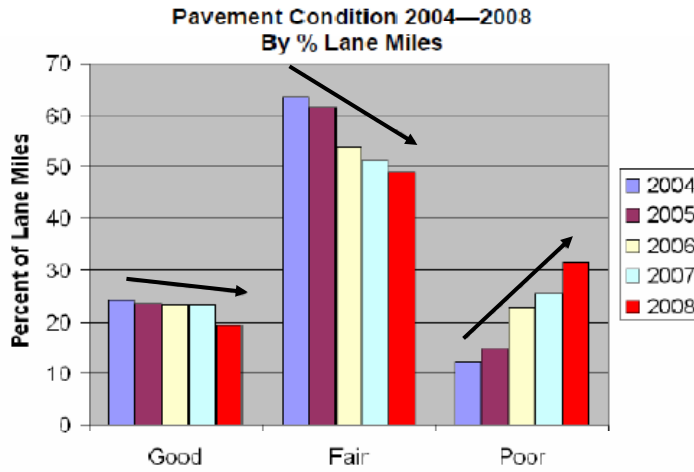


Source: Transportation Asset Management Council, 2008 PASER

4 Feb 2009

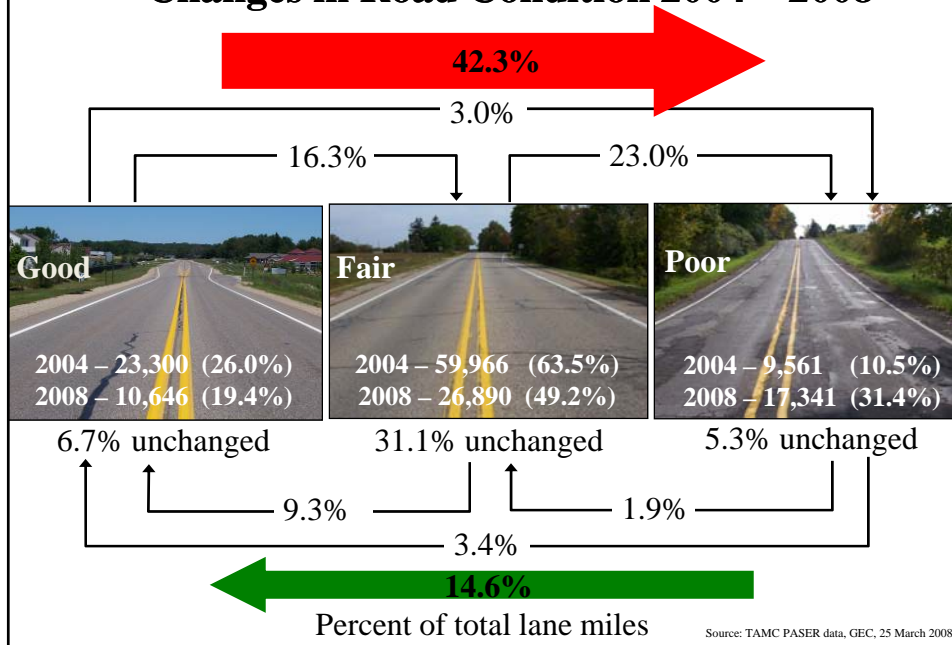


Paved, Federal-Aid Eligible



Source: TAMC PASER data, GEC, April 2009

Changes in Road Condition 2004 – 2008

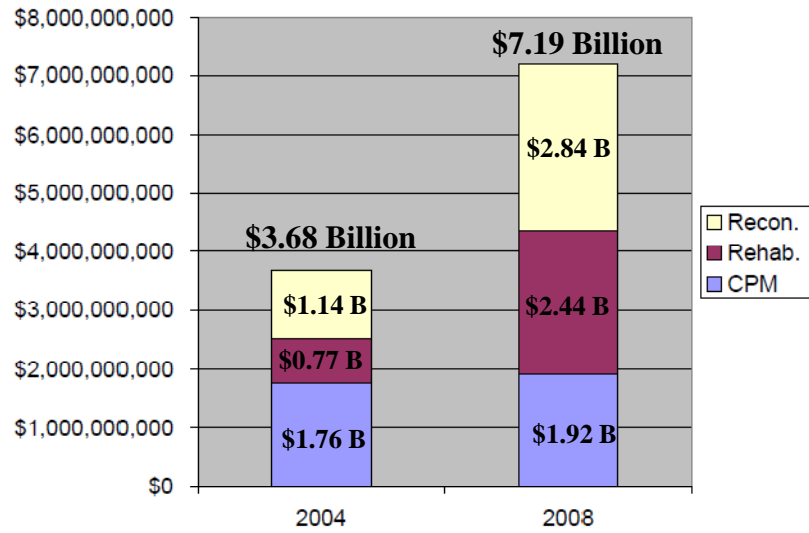


Source: TAMC PASER data, GEC, 25 March 2008



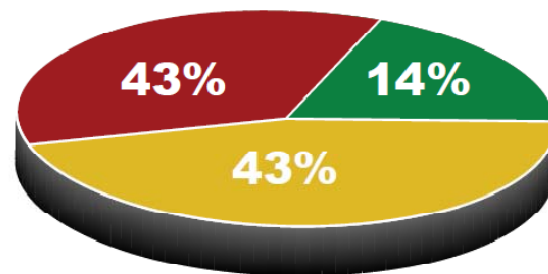
Cost of Insufficient Investment

2004 – 2008 = \$3.51 Billion



2008

NON-FEDERAL AID PAVEMENT CONDITION

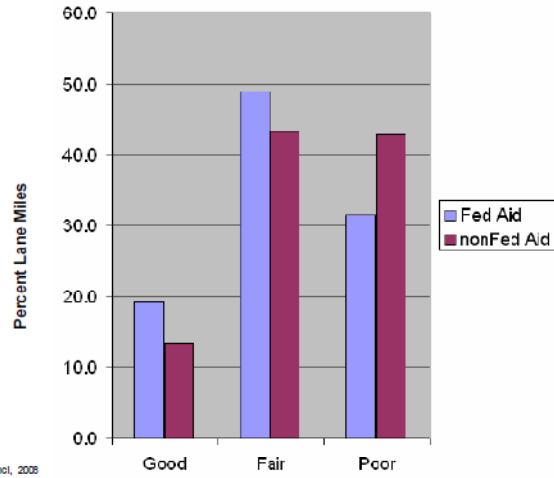


Good Fair Poor

Transportation Asset Management Council
2008 PASER



Pavement Condition Federal Aid vs Non-Federal Aid



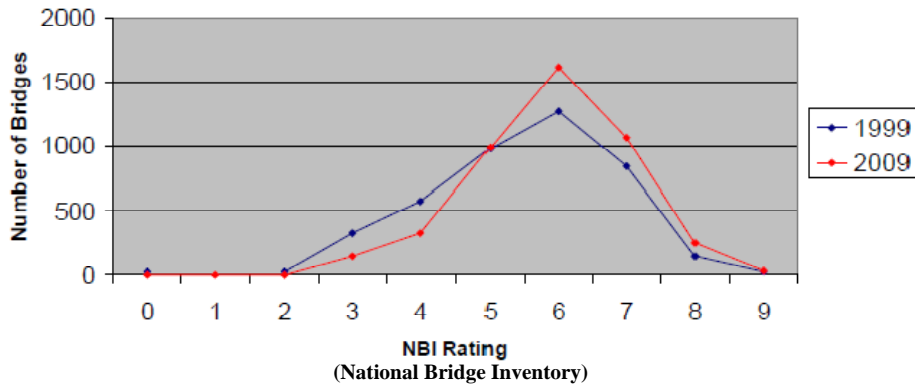
Transportation Asset Management Council, 2008
PACER

Mar 2009



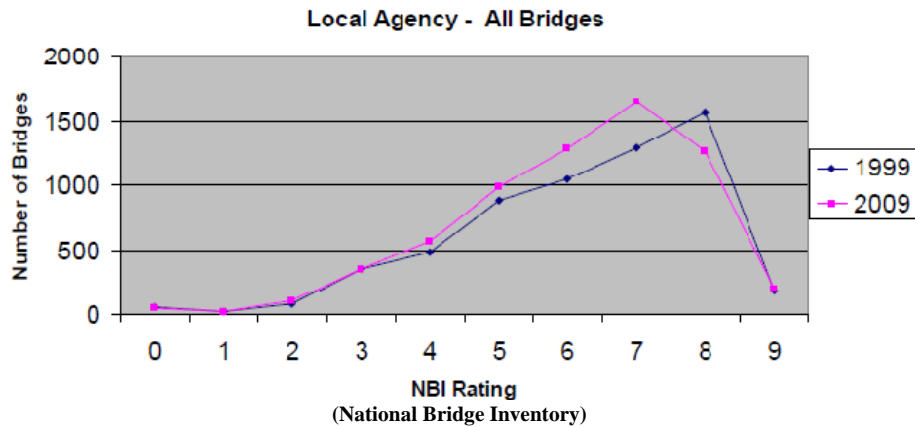
MDOT Bridge Condition

MDOT All Bridges





Local Agency Bridge Condition



Training

- PASER – 325 participants
- Asset Management Workshop – 119
- Conference – 228 participants
- Asphalt Repair Seminar – 20 participants
- Asset Management for elected officials – 307
- Internet Reporting Tool Training – 300



Strategic Plan Initiative

- Model Asset Management Plan
- Awards Program
- Predictive Model
- New TAMC Bridge Committee
- Improved Web site
- Revise Act 51 reporting requirements



Summary Observations

- Condition of Federal Aid System has deteriorated every year for the past 5 years
- The rate of deterioration is increasing
- Particular concern is rate of deterioration of roads in fair condition
- Stimulus dollars will help some, but there is no evidence that this trend is going to reverse itself



Summary Observations

- Limited sample of non-federal aid road condition indicates condition worse than federal aid roads
- State bridge condition improving
- Local bridge conditions declining
- The longer we wait – the more expensive it is



2009 Activities

- More complete local road pavement condition data
- Possible legislation to expand focus of AM to additional roadway infrastructure
- Predictive model results
- Asset Management Conference – October 27 in Marquette

Thank You !



www.michigan.gov/mdotamc