

Asset Management

Carmine Palombo, SEMCOG

Asset Management

- Created in 2002 by Act 499
 - Requires Asset Management Approach for all Roads and Bridges
 - Establish Common
 - Definitions
 - Strategy
 - Condition Assessment
 - Data Collection Process

Michigan Transportation Asset Management Council

- 11 Member Council
- Annual Reporting
 - State Transportation Commission
 - Legislature
- Current Condition
- Multi-Year Road Program
- Multi-Year Bridge Program

Annual Report

- Due to Legislature & Transportation Commission by May 2
- Condition of roads & bridges
- Dollars spent on roads & bridges in previous calendar year
- Activities of Council during previous year

Multi-Year Program

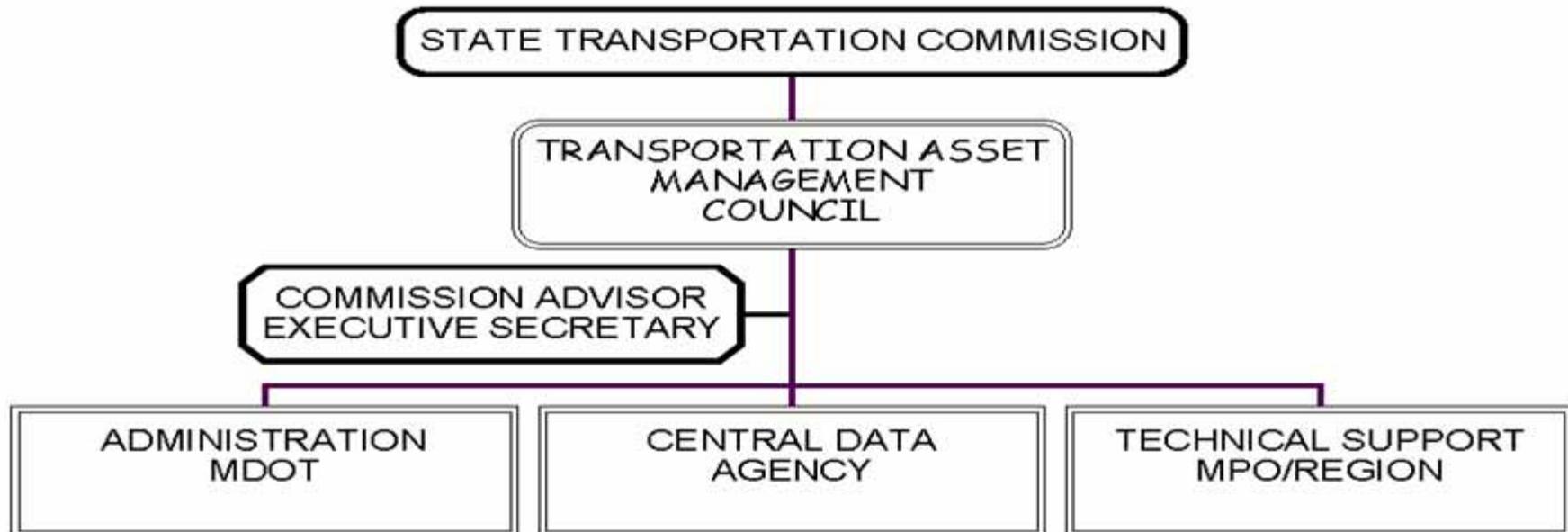
- Three-years of projects
- Funded in whole or part, with state or federal funds
- Federal-aid eligible roads
- Internet Investment Reporting Tool

Road Agency Responsibilities

- Participate in cooperative effort to collect PASER ratings
- Submit info on total miles & condition of roads & bridges
- Report previous year's expenditures on roads & bridges
- Report three-year list of planned projects

Asset Management Council

ORGANIZATION CHART



MDOT Administration

- Asset Management Coordinator
- Support from:
 - Region/TSC staff
 - Asset Management Section
 - Contracts Staff

Center for Geographic Information

- Central repository for all data
- Development of reporting tools
- Development of data standards
- Advise TAMC on all data issues & needs

MPO/RPO

- Coordinate PASER data collection
- Coordinate training
- Assist local agencies in developing asset management programs

Michigan Legal Definition

Asset management is "an on-going process of maintaining, upgrading, & operating physical assets cost-effectively, based on a continuous physical inventory & condition assessment."

Mission Statement

Advising the State Transportation Commission on a statewide asset management strategy & the necessary procedures & analytical tools to implement such a strategy on Michigan's highway system in a cost-effective, efficient manner.

MCL 247.659a

Goal Statement

The Transportation Asset Management Council will expand the practice of asset management statewide to enhance the productivity of investing in Michigan's roads & bridges through coordination & collaboration among state and local transportation agencies.

Adopted Work Program for 2006-2009



2006 - 2009 WORK PROGRAM



Carmine Palombo, Chair
David Bee
Spencer Nebel
Jerry Richards
Kirk Steudle
Steven Warren

Bob Slattery, Vice-Chair
Howard Heidemann
William McEntee
Susan Mortel
Rob Surber

July 2006

What are we trying to do?

- Implement recommendations of Act 51 Funding Committee
- On-going analysis of needs to managing pavement
- See the system as the customer sees it
- Work cooperatively rather than competitively

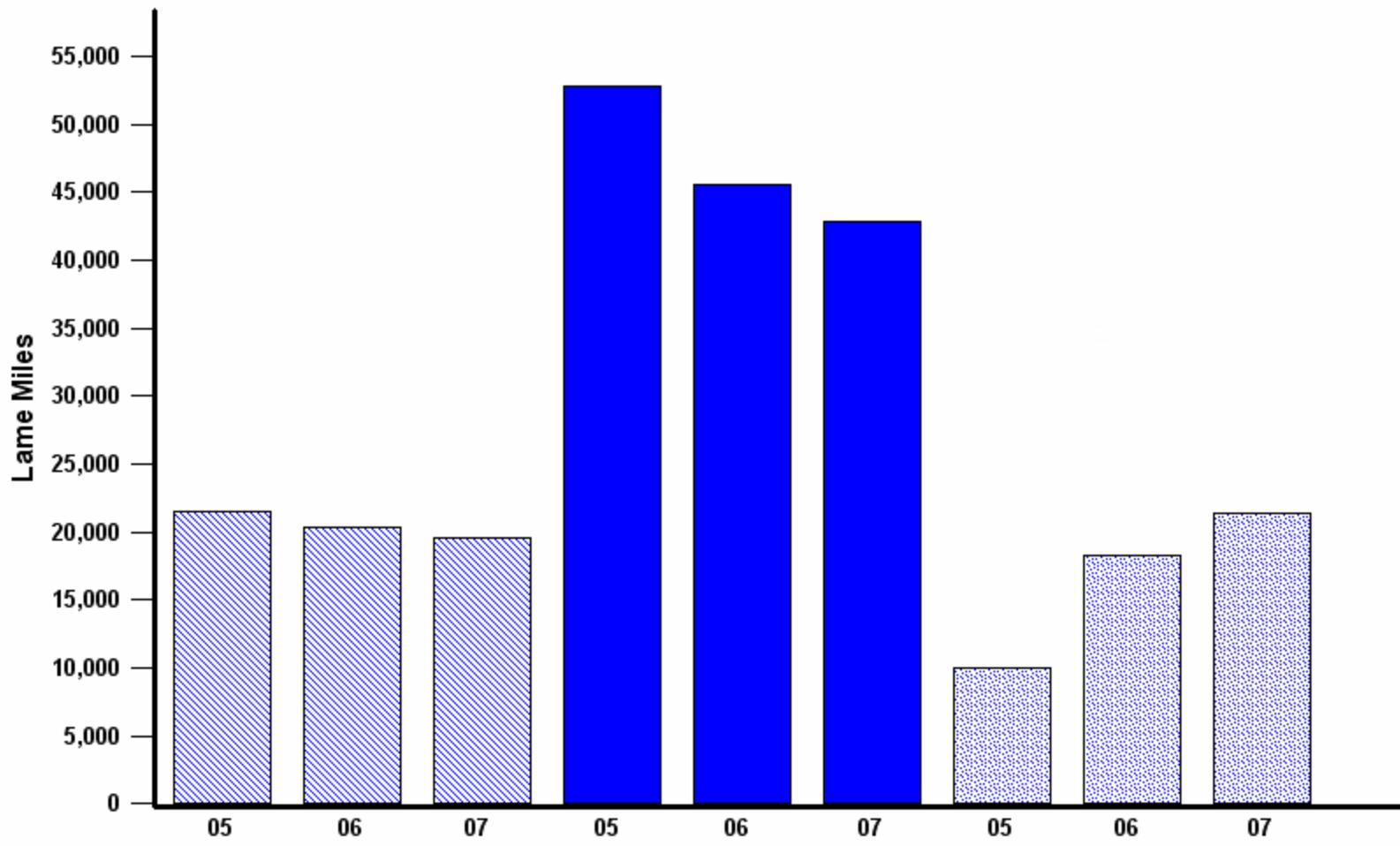
What Data Do We Collect?

- PASER: 1-10 Surface Condition
- National Bridge Inventory
- Projects Completed & Projects Planned
 - Cost
 - Type of Work
 - Location
 - Extended Service Life
- Date of First Construction
- Date of Last Construction

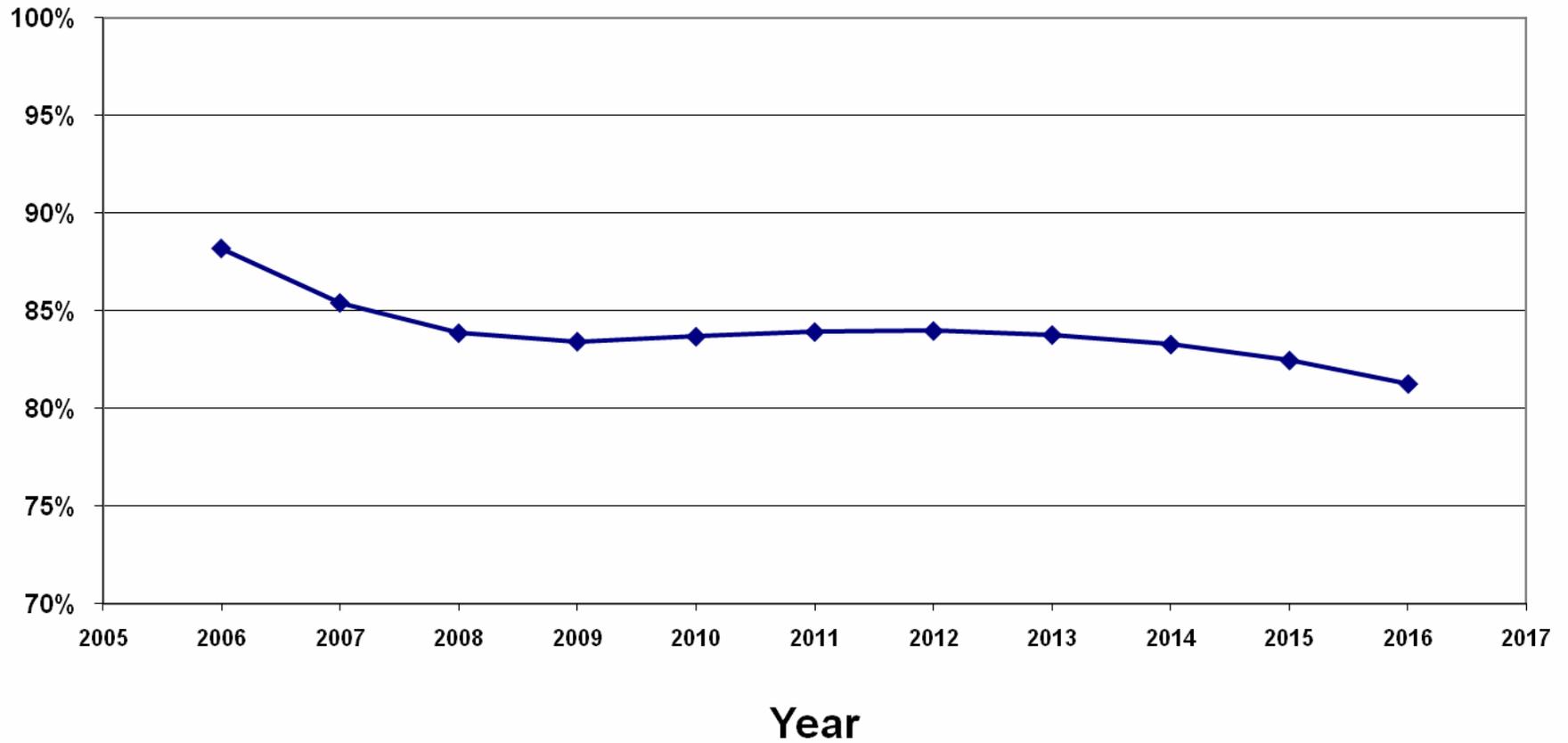
Accomplishments

- Single database: 47,000 miles
- Investment Reporting Tool
- Development of analytical tools
- Educational/Training Program
- Improved working relationships
- Recognized nationally/internationally

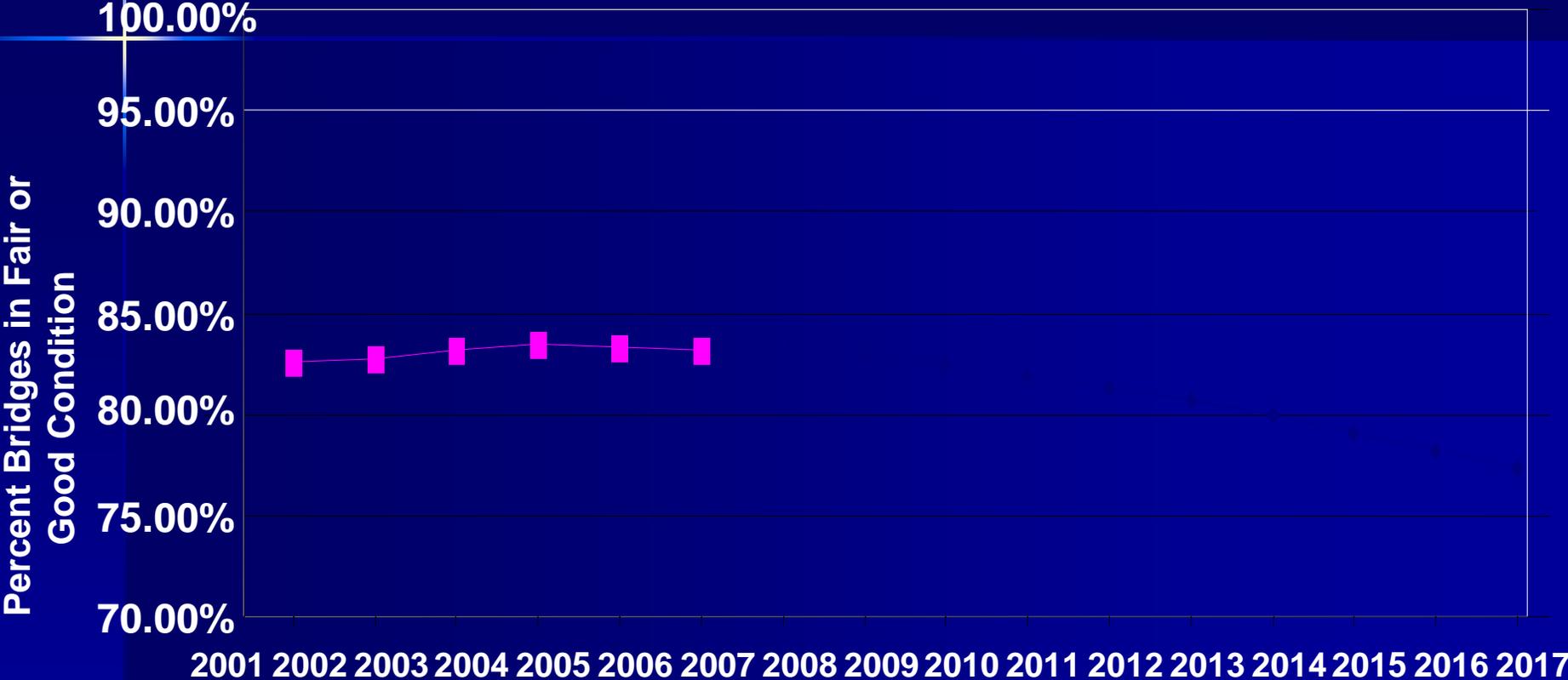
2005-2007 Ratings



Pavement Condition Forecast System Federal Aid System in Good/Fair Condition March 2007



Bridge Condition Forecast System Local Agency - All Roadways



Year

—◆— Projected ■ Actual

Questions?

