



Local Bridge Program

Local Bridge Program

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Letting Report

□ **FY 2011**

- 58 Local Bridge Projects Let to Contract: Total = \$39 million
- 61 Total Projects = \$55 million

□ **FY 2012 (As of March 1st)**

- 23 Total Projects = \$22.8 million
- 19 Local Bridge Projects = \$18 million
- April Advertised Projects
 - 5 Local Bridge Projects = \$ 4.2 million

2012 Call For Applications

- Sent out January 30th to CRAM and MML
- **Deadline – May 1, 2012**
- “Call For Applications” Location:
www.michigan.gov/mdot, Doing
Business, Local Agency Program, Bridge
Program, Call For Applications

Call For Applications

- Limit of 5 Applications
- Check Federal Sufficiency Rating (FSR) for project eligibility.
- Narrative – Make case for your Application
- Accurate Inspection and SI & A Information
- Load Rating and Posting
 - Item 64F – Used in Load Capacity Calculation
 - Load Posted Bridge: 3 Truck Posting, if bridge has single load posting, include Load Rating Summary Sheet

Call For Applications

- Application Estimates:
 - Accurate Estimates – MERL or Scope Estimate Worksheet
 - General Estimate: Replacements
 - Rural: \$200/sft of Proposed Deck Area
 - Urban: \$220/sft of Proposed Deck Area
 - Approach Costs: \$25k/Sta, \$100k minimum, Urban higher (\$300k to \$500k)
 - Rehabilitation and Preventative Maintenance – Provide Detailed Estimate Worksheet of Costs

Call For Applications

- PM Projects: 9 of 12 projects exceeded Eng. Est. by 10%
- Difficult to Estimate Preventative Maintenance Projects
- Many unknown factors, Contractors bids reflect this uncertainty
- Potential for Quantity Increases
- Need Detailed Scoping and Conservative Estimates

Call For Applications

- Rehabilitation Projects
 - Must know the existing foundations
 - Scour Analysis is required

- **Application Changes**
 - No longer require PE, CE and ROW costs

Call For Applications

- Electronic Application Submittal
 - Preferred option by Local Bridge Program
 - Form Requests General Information
 - Attach all Required Documentation
 - Must Use Full Version of Adobe to be able to Attach Documents

Call For Applications

- 2011 Call for Applications
 - 301 Applications for \$236 million
 - 93 projects selected for \$61 million
 - 31 PM projects for \$7.3 million
 - 14 Rehabilitation projects for \$10.2 million
 - 48 Replacement projects for \$43.5 million

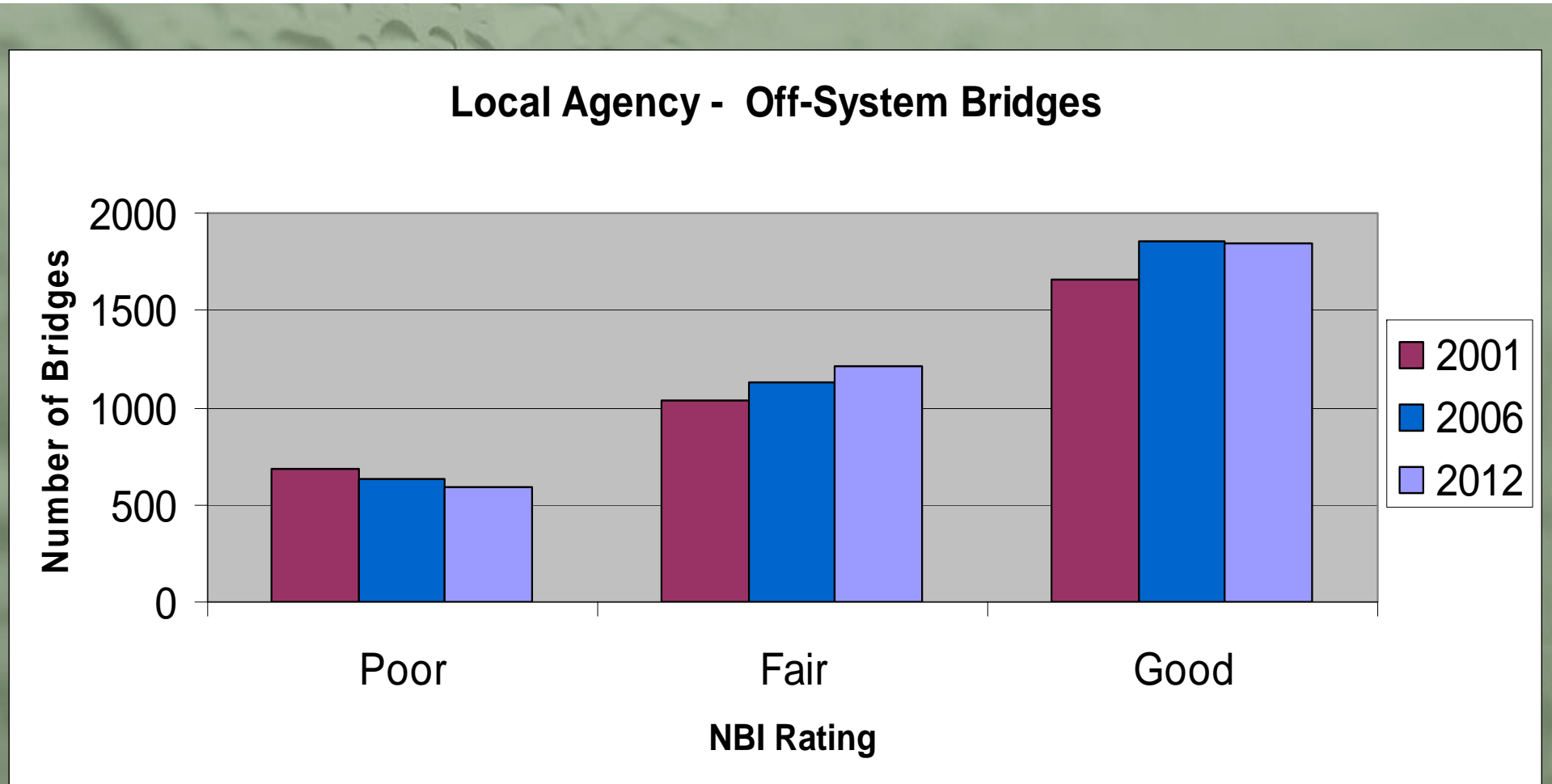
Federal On/Off System Funds

- Local Bridge Funds: 1/3 Federal Off-System Funds, 2/3 State Funds
- Federal Off-System Funds can only be used on Off-System Bridges
- MDOT agreed to swap 1/2 Off-System for On-System funds for 2012.

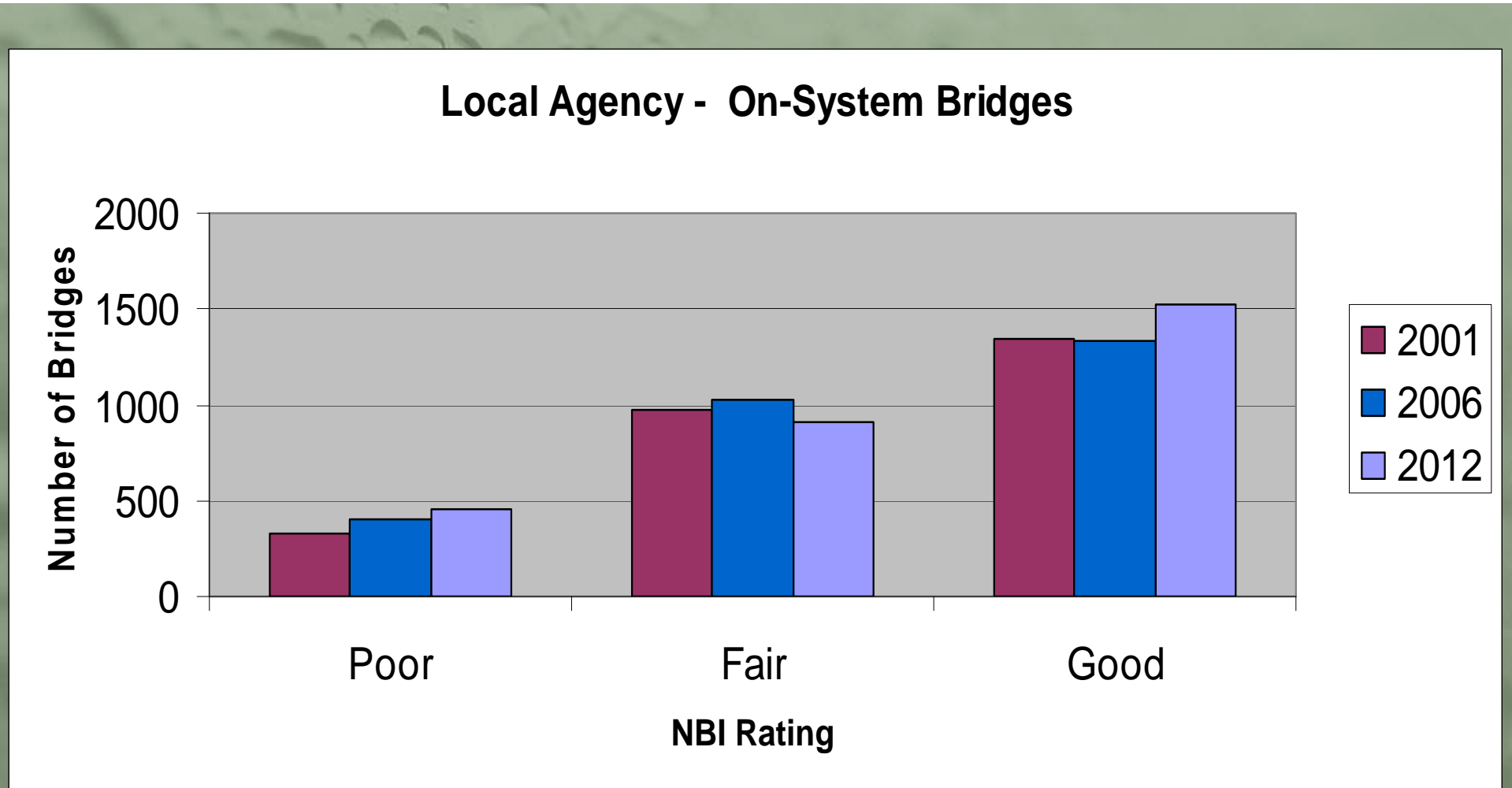
Federal On/Off System Funds

- 2013/2014 Call – Applications separated 50/50 into On/Off System categories
- 2015 Call – Based on current funding: Applications will be separated 50/50 into On/Off System categories
- Re-balance projects in 3-year plan
 - Ensure sufficient Off-System projects to use Off-System dollars

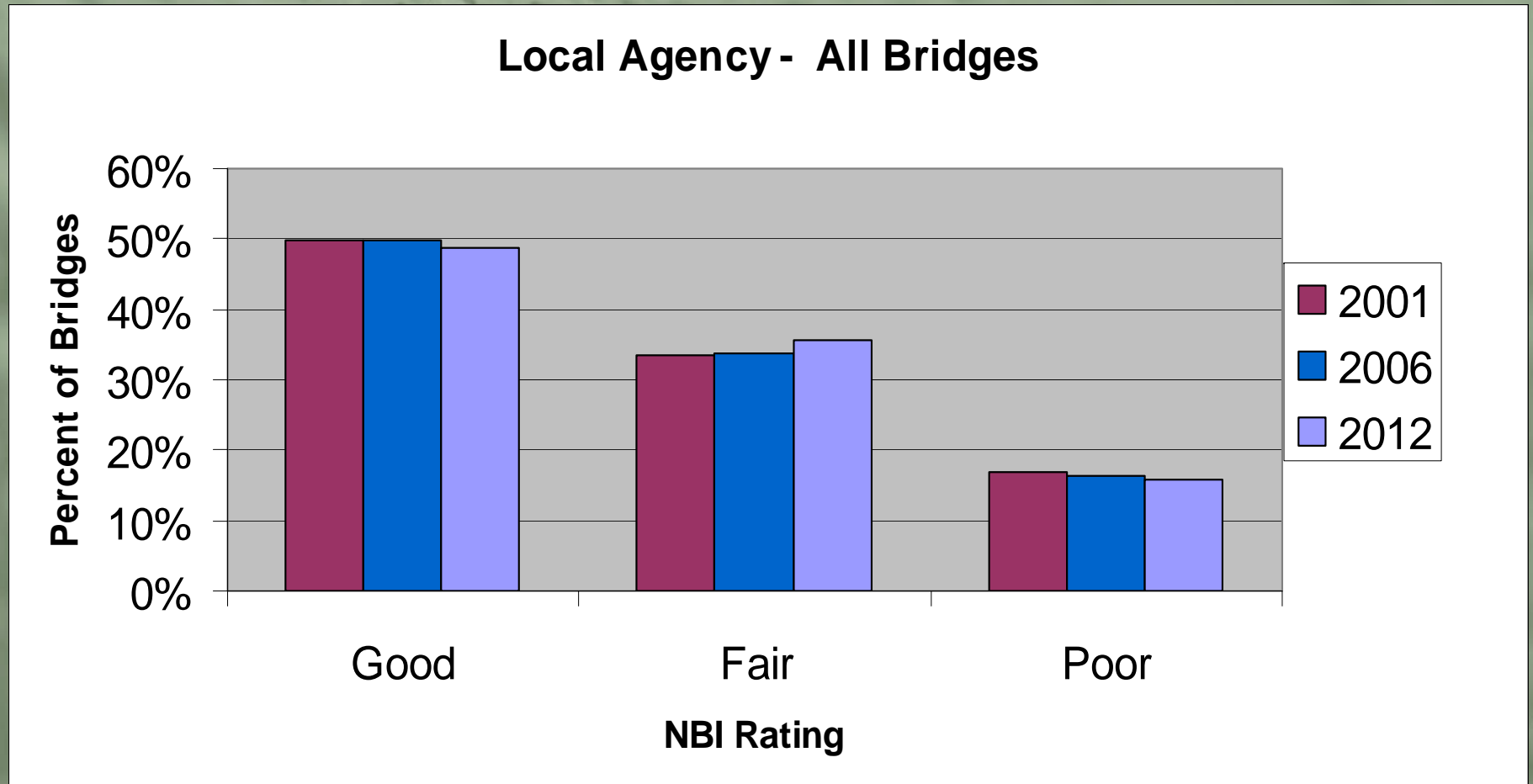
Local Agency – Off-System Bridges



Local Agency – On-System Bridges

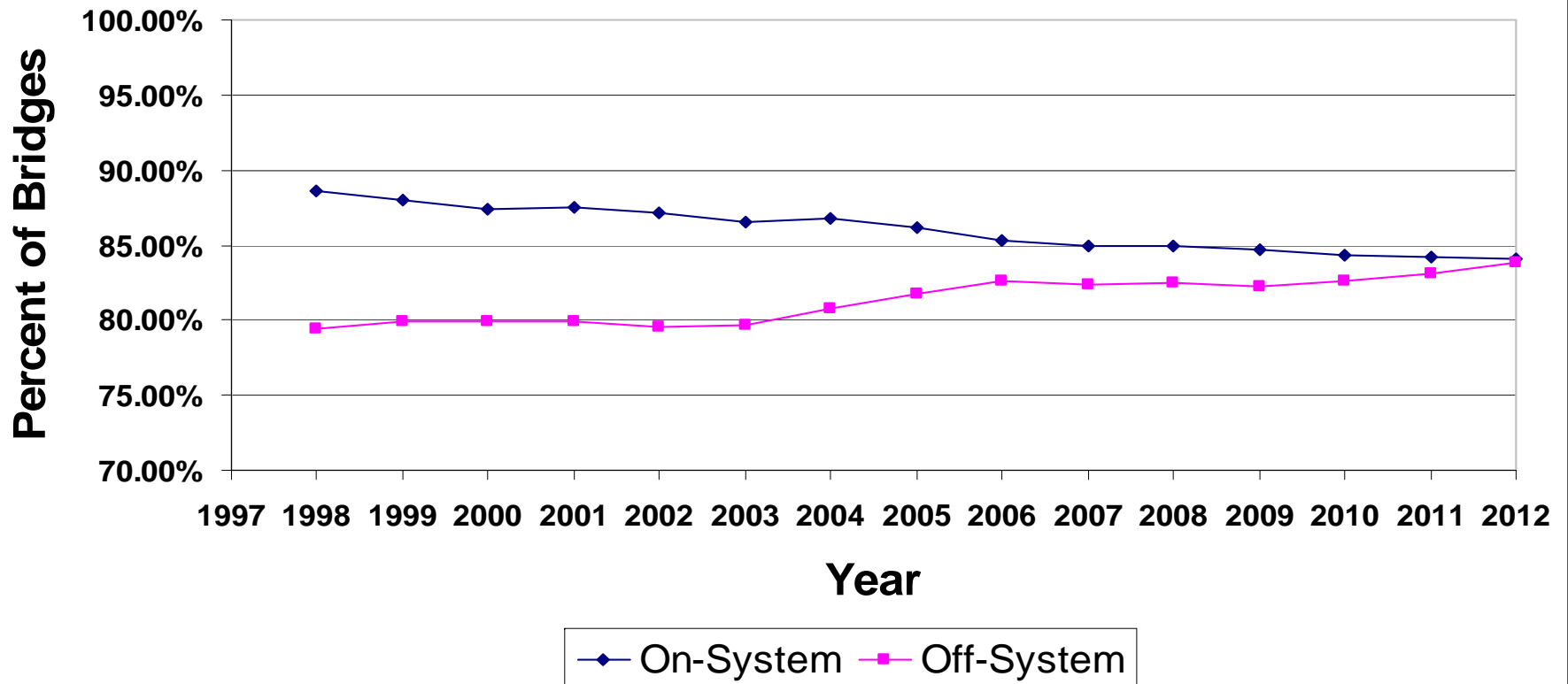


Local Agency – All Bridges



Local Agency – All Bridges

Local Agency On-System and Off-System Bridges Percent Good and Fair



Bridge Asset Management Guide

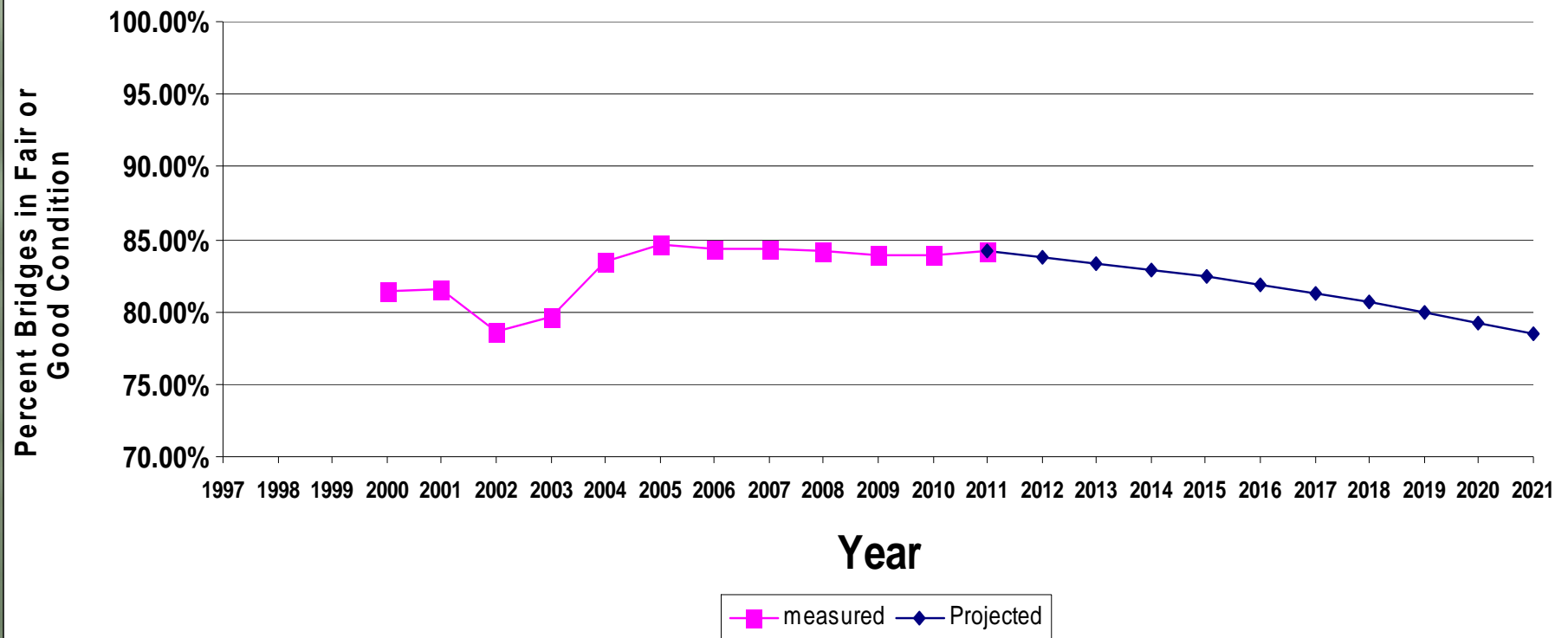
- Asset Management Guide for Local Agency Bridges – Now Online
 - Includes a “Sample Preservation Plan” for Local Bridges
- Tool for Local Agencies to develop a Bridge Asset Management Plan
- Asset Management Council Developing Asset Management Training Class

Bridge Asset Management

- FHWA now allows Federal Funds for PM Projects
- Asset Management Council developing Performance Metrics Dashboards for Local Agency Roads and Bridges
 - Tracking Local Agency Bridge Condition on Dashboard
- What are the past/current conditions of Local Agency Bridges?
- What are the Future Trends?

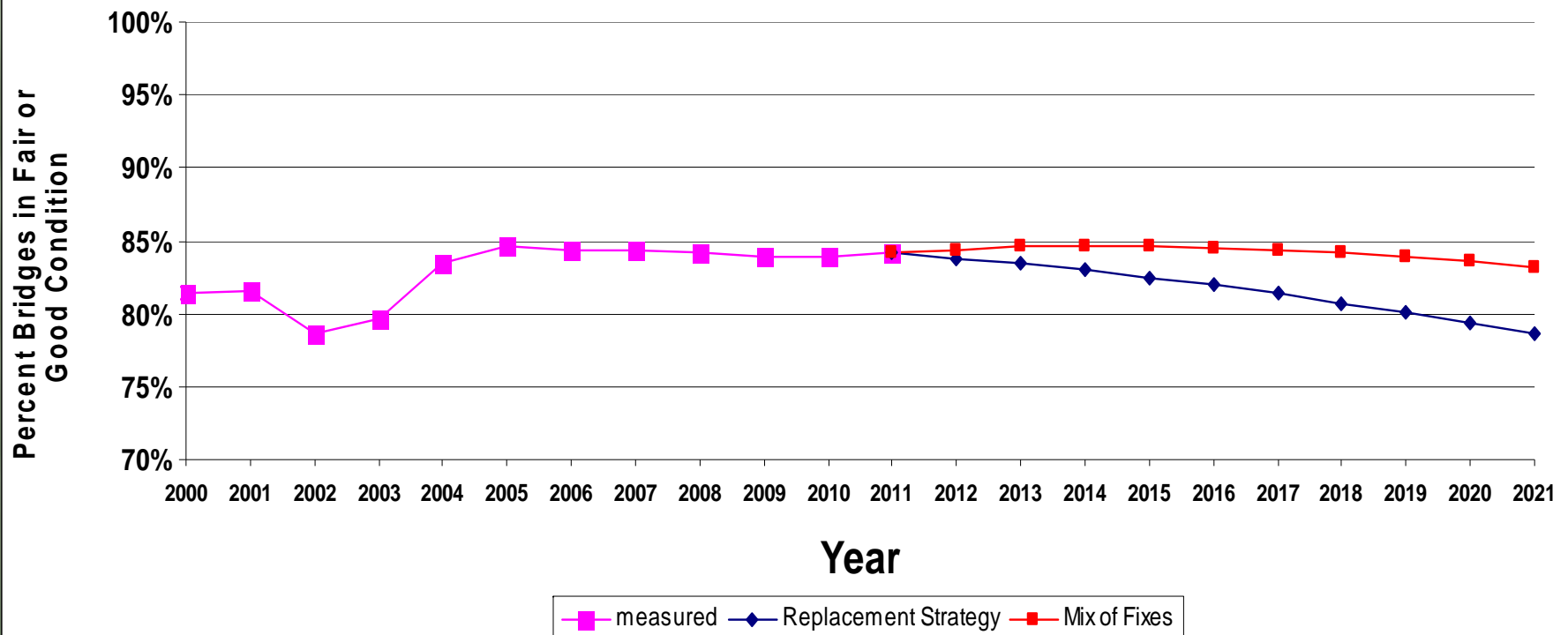
Bridge Asset Management

Bridge Condition Forecast System
Local Highway Bridges



Bridge Asset Management

**Bridge Condition Forecast System
Local Agency Highway Bridges**



Bridge Asset Management



Regional Bridge Council Meetings

Financial and Program Update

Bay Region: April 26th @ 10:00am, City of Midland

Grand Region: May 9th @ 10:00am, Ottawa CRC

Metro Region: May 2nd @ 10:00am, St. Clair CRC

North Region: April 19th @ 1:00pm, MDOT Gaylord Office

Southwest Region: April 30th @ 10:00am, Van Buren CRC

Superior Region: April 20th @ 10:00am, Marquette CRC

University Region: May 7th @ 9:00am, Ingham CRC

Questions?

