Joint Meeting
House Transportation and Infrastructure
&
Senate Infrastructure Modernization

February 14, 2013

Michigan Concrete Association

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Executive Director

Asset management

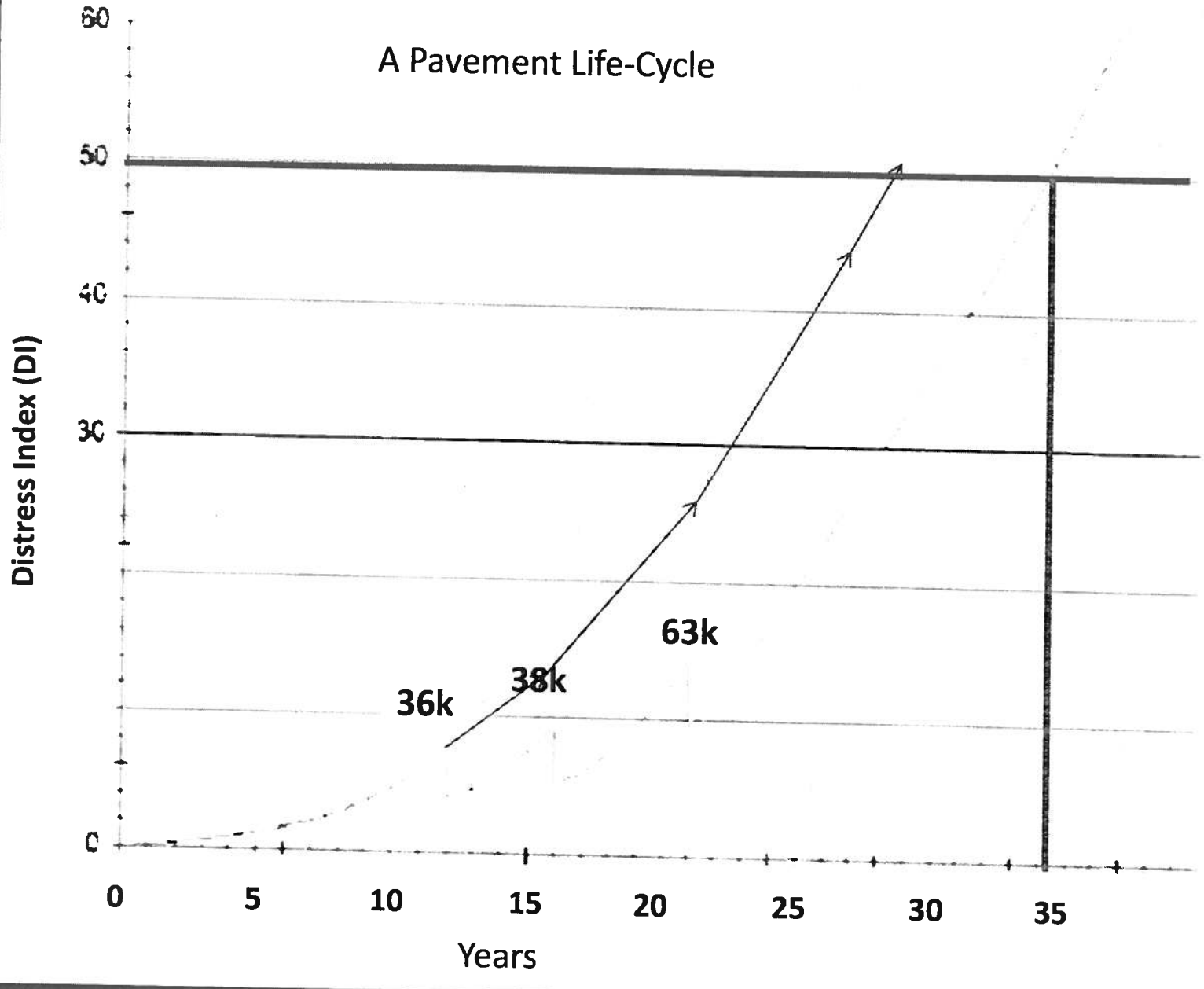
- 1997 PA 79 Last Gas Tax Bill
  - included provisions regarding pavement management systems
- 2002 PA 499 Established Transportation Asset Management Council
  - Activity was to be the federal-aid eligible system
    - state trunkline system 9,681 miles
    - over 23,000 miles of local agency roads

Asset Management
What is it?

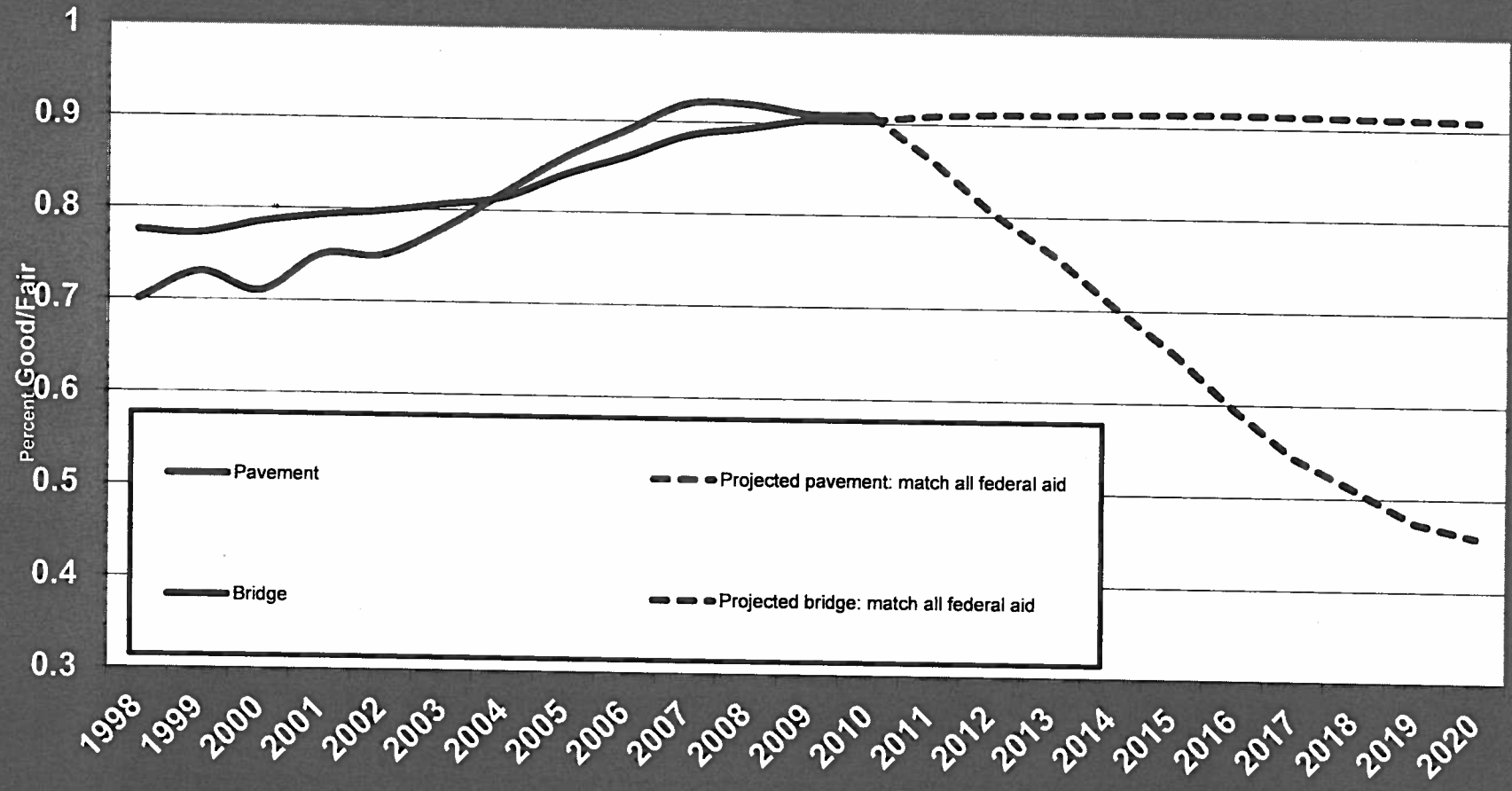
- Decision Making Tool - for the team to manage the existing system
  - Legislators
  - Engineers
- Monitor long term goals
- Establish funding levels required to meet them
- Plan rehabilitations – best bang for the buck

Asset Management
How does it work?

- Pavements are designed to protect the soil from the traffic loading
- Water is our number 1 natural resource
- Water is a major contributor to the wear on our roads and bridges
- The rate of deterioration increases over time
- Regular inspections of our road assets allow us to track the health of our roads & other assets


A Pavement Life-Cycle
Distress Index (DI)
60
50
40
30
0
36k
38k
63k
0
5
10
15
20
25
30
35
Years

MDOT Trunkline Road and Bridge Condition Actual 1998-2010, Projected 2011-2020



Michigan Asset Management Today

- Delivered as promised – Top National Program
- Expanding to cover more of local road system
  - Because it's a good idea and it works!
  - Michigan Tech is coordinating the training program for local engineering staff
- Underfunding is a reality!

Open for Business