

Integrating Asset Management Into the Transportation Planning Process

A Transportation Asset Management
Expert Task Group



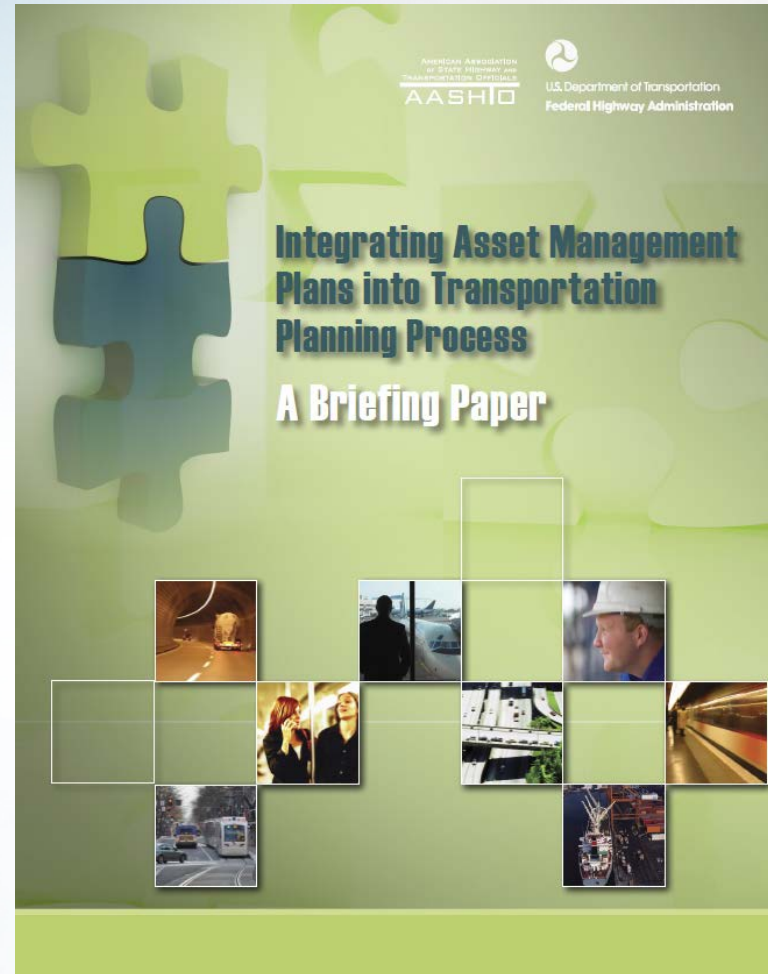
Introduction

- Laura Mester of Michigan DOT
- Member of the Asset Management Expert Task Group
- Vice-Chair of the Subcommittee on Transportation Finance Policy



ETG Briefing Paper

- Integrating TAM Into the Planning Process
- One of four ETG briefing papers



Three Reasons for Greater Focus

- Increased asset management interest
- MAP-21 planning requirements
- Condition targets



Increased Emphasis Area

Asset management joins other regional planning priorities along with land use, safety, the environment and other important issues.



Land Use



Safety



Projects



Alternatives



Environment



Asset
Management

More Precise, Target-Driven

- Targets likely to play a larger role
- They define infrastructure condition adequacy
- Provide common understanding of condition
- How good is good enough?



Matter of Degree

- Planning process always considered asset conditions
- Difference today is a matter of degree
- Now, focus on targets, forecasts, and strategies is greater



TAM Policies Increasingly Likely

- MPOs adopting asset management policies
- State DOTs partnering with regional agencies
- Locals prioritizing project requests with asset management principles



Adopt Project-Selection Criteria

- Asset conditions may influence project-selection priorities
- Sound asset management supports preservation investments



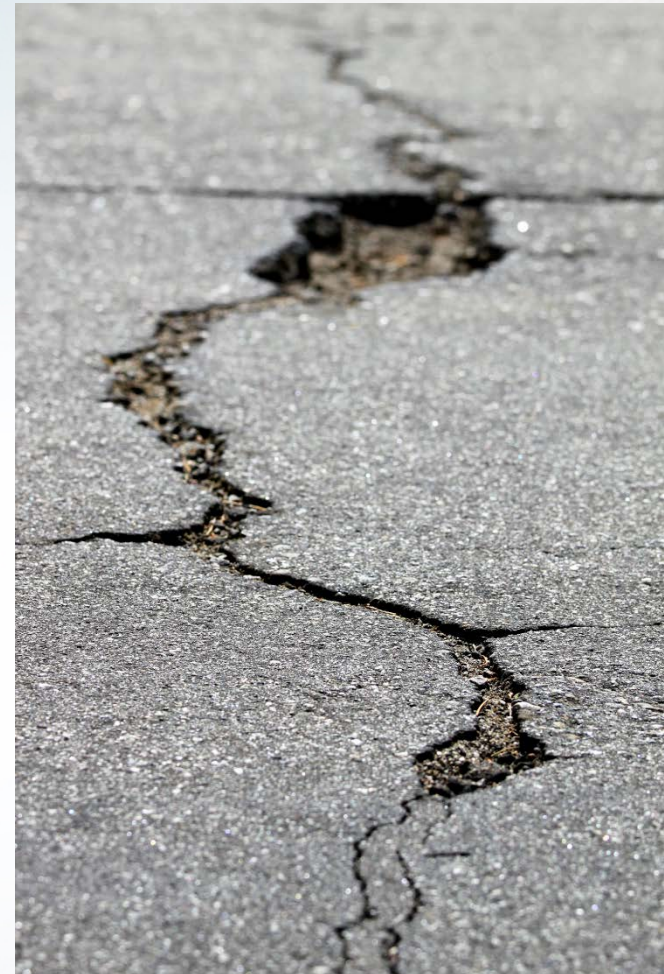
Sustainability Expands

- Sustainability expanding to embrace physical, financial assets
- Concern for “international equity” growing
- Concept is to replace the assets we consume



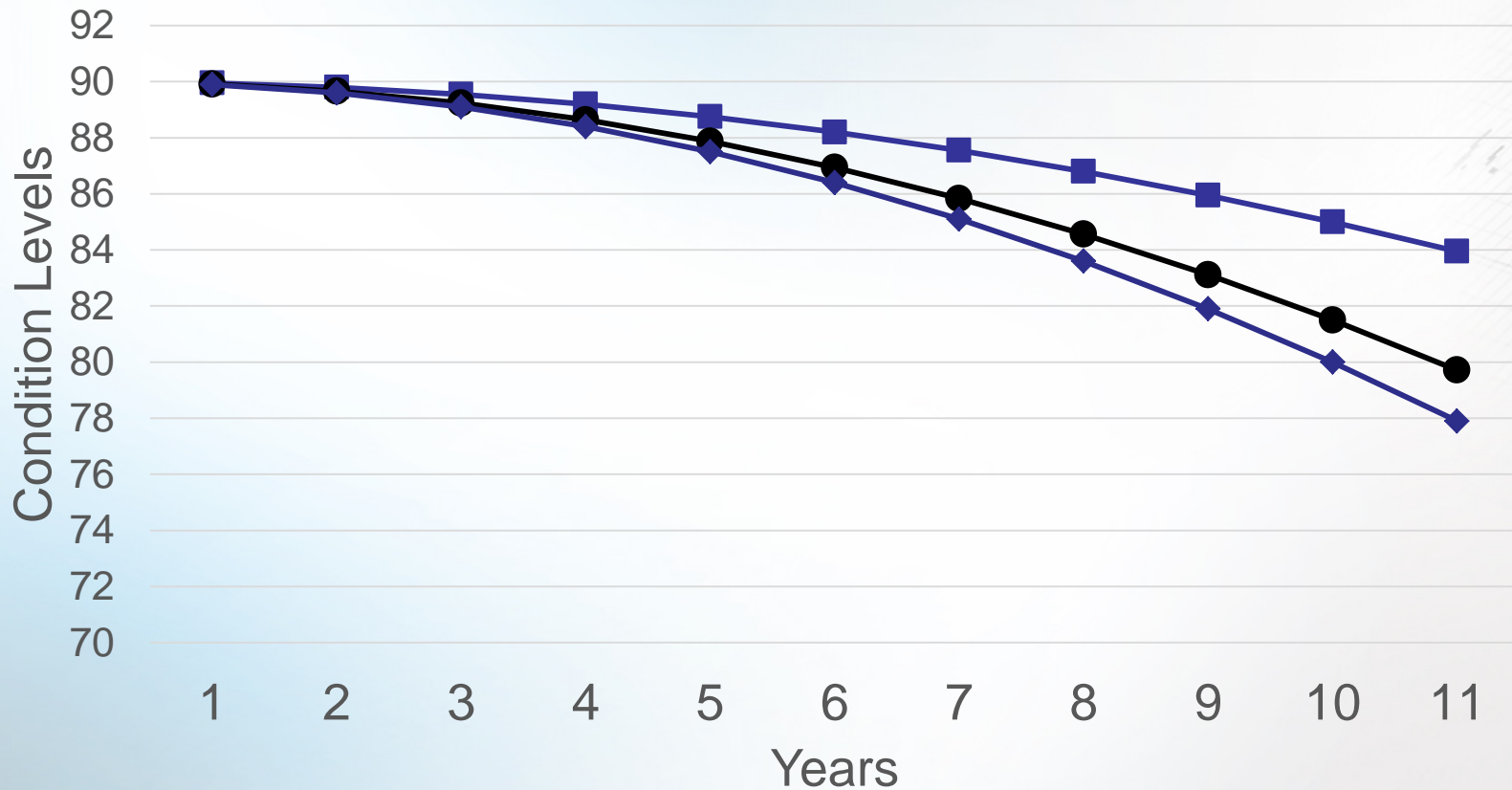
Condition Reports Mature

- MPOs increasingly collecting, publishing asset data
- They provide agencies data to improve decision making
- Condition data added to congestion, safety, land use data as key planning product

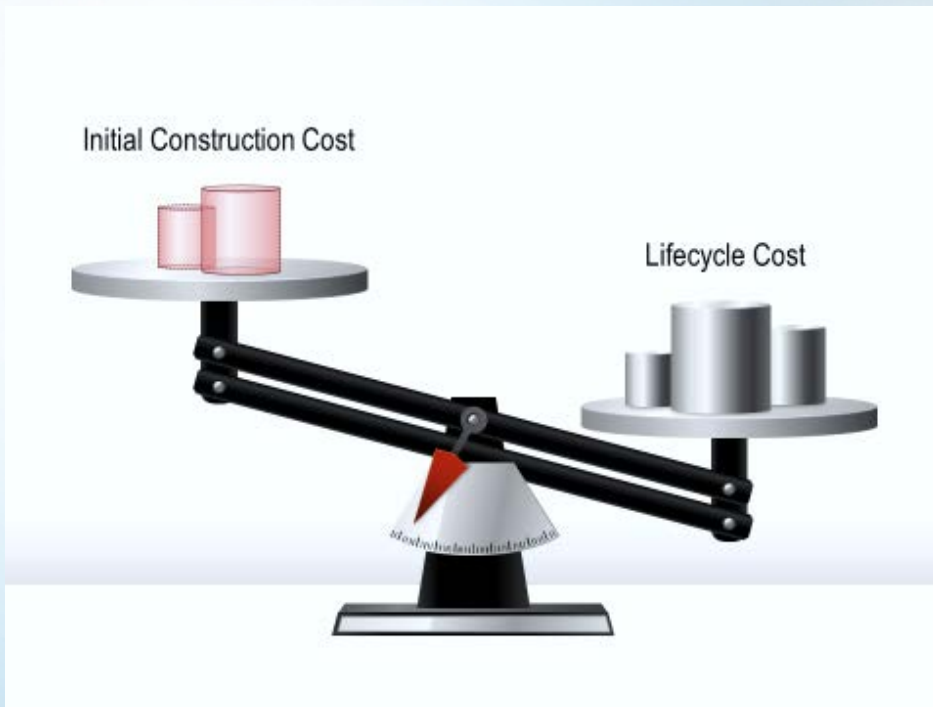


Scenario Forecasting

Investment Scenarios



Appreciation of Long-Term Costs



- Capturing long-term costs
- Recognizing future maintenance needs
- Putting future costs on today's balance sheet

Provide Training, Data, Analysis

- Growing number of MPOs providing asset management training
- Data-collection increasing
- Software and modeling tools provided



Spreading to Local Assets

- Asset management spreads to locals
- Practices save governments money



Conclusion

- Asset management leads us in a new planning direction
- It focuses on sustainable assets for future generations
- Visit the TAM Portal at <http://www.tam-portal.com/>

