Integrating Asset Management Into the Transportation Planning Process

A Transportation Asset Management Expert Task Group
Introduction

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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.
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

Years

Condition Levels
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/