

Missouri DOT

Pavement Analysis
Process Review

Where Have We Been?

- Last Formal Review in 1994
- Issues With Previous Methods (Pro/Con)
- Industry Concerns

Type Selection Review

Why Now?

- Funding Shortage
- Change in Department Emphasis
(Expansion to R & R)
- Establishment of Department Goals
- Publication of RDT Pavement Report

Team Charge

- Provide Public Best Product Available Based on;
Life-cycle analysis,
Realistic Funding Projections
- Develop a Clear Process that is Understandable to
all Stakeholders and is;
Consistent and Efficient,
Documented,
Developed in Cooperation With Industry
- Maintain Two Strong Industries

Team Representation

- MoDOT
- FHWA
- MAPA
- ACPA
- AC and PC contractors

Ground Rules

- Type Selection Process Developed for NHS System Only
 - Developed For New Construction and Rehabilitation Projects
 - 23,000 mile Collector System Will Not Be Addressed
 - No Changes That Affect Safety

Where Are We Now?

- Decision Milestones
 - Mechanistic Design
 - Will include FHWA LCCA Methodology
 - Moving Toward Alternate Bids as Standard

Remaining Challenges

- Delivery of NCHRP 1-37A
- Determination of Predicted Treatment Intervals
 - Time to First Rehabilitation
 - Historical Performance vs. Future Assumptions

What's Next?

- Alternate Bids
- Investigate M/E Designs
- Collection of Field Calibration Data
- Incorporate LCCA Components
- Document Process
- Commitment to Review Process Periodically



Questions?