Managing our Pavements

FHWA Initiatives

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Keeping Good Roads Good

• Congressional Approach
  – One pot of money
  – Critical Asset Investment Plan
  – Good, Fair, Poor
  – National Goals, Local Targets
  – Moving away from just IRI
  – Maintenance, preservation, rehab, reconstruction
  – Both pavements and bridges

• Performance based
  – Data driven
  – Incentive is to gain more flexibility
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- Congressional Approach
  - Framework (template) next 18-24 months
  - Real program with next reauthorization
  - Red Book Approach
  - Increase percent of good pavements
  - Decrease the percent of poor/failed
  - Different targets for different classes: e.g. IHS, NHS, State
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• Broaden the view
  – Cradle to grave
  – Managing pavements across the whole life cycle
• Both PMS and PP in the tool box
• Proactive approach
  – Quality – repeatable data
  – Options – where to spend that extra dollar
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• FHWA Activities
  – OIG – Need to effectively manage assets
  – Focus more on ‘managing’ asset
  – HIF team looking at guidance on ‘investment strategies’
  – FHWA team looking at measurable targets
  – Managing pavements across the whole life cycle
  – Design, construction, operations and maintenance

• Narrower focus
  – IHS, NHS – national and regional corridors
  – Melding our PMS and PP
  – New PM Executive Workshops
    • Corporate approach
    • Applied approach
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• FHWA Activities
  – National PM Assessment Survey
  – What’s working – identify BP
  – Optimize use of data at both levels
  – Challenge FHWA Divisions

• Peer-Exchanges
  – Regional opportunities
  – Nashville, Denver

• National Meetings
  – National Asset Management Conference – Portland
  – International Pavement Preservation Conference – Irvine
  – National Pavement Management Conference - 2011
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- FHWA Activities
  - Continued support for TSP2
  - Continued support of NCPP
  - Regional Forums and Partnerships
  - National ETG efforts
  - More integration with Pavement Design
  - Sustainability, recycling, adaptation
  - Looking at IRI
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- FHWA Activities
  - Expanded use of webinars
  - Peer exchange
    - AM-PP at Spring AASHTO Meeting
    - PM and Adaptation – December 2009
  - TRB-FHWA forum
  - Preservation Video – Getting the word out
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- **RSL**
  - HPMS, HPMS-2010, PMS
  - Pilot – Iowa – Ohio
  - Workshop – Portland
  - Demo to SCOH and SCOP - Calif

- **IHS** – What do we know
  - What does the data FHWA have in-house tell us?
  - HPMS, NBI, FMIS, Frt Corridor, Safety
  - What looks good, what needs to be improved
  - Looking across state lines!!
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• Corridor assessment
  – I-95 Corridor
  – What data are states using to manage ‘condition’ of I-95
  – Common performance measures
  – HPMS, PMS, corporate goals?
  – Recommendations
  – Broaden pilot
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• Health Index
  – System Performance
    • More than just mobility and congestion
  – What is the health condition of IHS?
  – More than IRI
  – Cracking, rutting, faulting, ???
  – Age? Last major Rehab?
  – Where are the future problems?
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• Health Index
  – Outreach to stakeholders
  – International and/or domestic scan
  – Potential – where to provide critical funding
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• What can you do?
  – Never enough money
  – Make sure that data is used
    • Corporate and at the district
  – Find that legislative champion
  – Use the TSP2 and NCPP
  – It is a process: it takes time
  – Reach out to your public
  – KEEP GOOD ROADS GOOD
Questions / Comments?

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