



Highway 61
North Shore of Lake Superior

FHWA Minnesota Division

Asset Management Peer Exchange Summary

FHWA Asset Management Perspective



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FHWA Asset Management Perspective

Presentation Topics

- Background on Asset Management
- Requirements
- Implementation Resources



Background on Asset Management

FHWA defines *asset management* as:

- Strategic & systematic process
- Operate, maintain & improve physical assets
- Engineering & economic analysis using quality data
- Structured sequence of maintenance, preservation, repair, rehabilitation & replacement actions
- Achieve & sustain a desired state of good repair over the life cycle of the assets at minimum practicable cost with consideration of risks



FHWA Requirements - Asset Management Plan

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MnDOT is required to develop & implement a risk-based asset management plan by June 30, 2019. The plan is required to describe:

- The processes to maintain the National Highway System (NHS) pavements & bridges
- The performance targets to achieve the pavement & bridge condition in the state of good repair
- Coordination with local owners of NHS assets to understand their processes to maintain the assets



FHWA Requirements - Annual Consistency Review

MnDOT is required to demonstrate how the plan is implemented in a consistency review by describing:

- Implementation of the processes
- Implementation of the strategies with investment data and/or performance measures



Web Resources

- FHWA Asset Management Webpage <https://www.fhwa.dot.gov/asset/> - Regulations, Information & Guidance
- AASHTO TAM Portal <http://www.tam-portal.com/> - Events, plans, tools & roadmap



Training Resources

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National Highway Institute Training Courses

<https://www.nhi.fhwa.dot.gov/home.aspx>

- Asset Management for Local Agencies
- Introduction to Transportation Asset Management with Workshop
- Developing a Transportation Asset Management Plan
- Introduction to a Transportation Asset Management Plan
- Introduction to Financial Planning for Transportation Asset Management
- Risk Management



Technical Assistance Resources

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FHWA can fund technical assistance activities to improve implementation such as:

- Peer Exchanges
- Regional Workshops
- Training



Why complete a Peer Exchange?

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- Promoting innovative solutions
- Sharing experiences with peers agencies to advance the practice
- Identifying noteworthy practices and solution-based methods
- Connecting practitioners and create networking opportunities



MN Asset Management Peer Exchanges

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- Hennepin County 2016 - State-of-the-practice for technology, tools & techniques for large agencies
- MnDOT 2017 – State DOT tools & strategy implementation
- MnDOT State-aid 2017 – Tools & techniques for small local agencies



MN Opportunities

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- ✓ Regional or statewide collaboration
- ✓ Variety of available asset management tools
- ✓ Data and/or resource sharing
- ✓ Asset management plans
- ✓ Future Peer Exchanges



Conclusion



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Thank you!

Kris Riesenberg
FHWA Minnesota Division
Technical Services Team Leader
380 Jackson St. Suite 500
St. Paul, MN 55101

(651) 291-6114
kris.riesenberg@dot.gov