

**Roadway Surface Management Workshop for Local Agencies  
Ft. Collins, CO  
November 2 – 3, 2009**

Sponsored by FHWA and the Mountain Plains Consortium  
Entire program to be distributed through the TLN network.

**PROGRAM**

**November 2, 2009**

***Session 1 - Roadway Surface Management Basics***

Intended Audience: Participants with little or no experience with Asset Management

8:00 – 8:15	Welcome, Introductions, and Outline for the Session	Denver Tolliver Mtn. Plains Consortium, NDSU
8:15 – 8:30	Overview of Asset Management Concepts	Thomas Van FHWA
8:30 – 9:00	First Steps to an Asset Management Program	Ron Hall TTAP, CO St Univ.
9:00 – 9:15	Break	
9:15 – 10:00	Local Agency Experience	TBD Richland Co., MT Pub Wrks
10:00 – 10:45	Tribal Agency Experience	Dennis Trusty No. Plains TTAP
10:45 – 11:00	Session Summary	Denver Tolliver

The "experts" will talk about how things should be done and the "practitioners" will advocate the management from their experience or knowledge. Each presentation will allow time for Q & A.

Topics:

Introduction session would cover:

- Welcome
- Outline of what this session is about
- What the other two sessions are about

Overview session would cover:

- What are management systems/
- Why would anyone want them?
- What can they do for the agency?
- What can they do me?

First Steps session would cover:

- Basic road surface management and principles of managing public infrastructure
- Why do an inventory?
- What do you need as background before starting?

Experience session would cover:

- What do you need to start?
- What information to collect in the first inventory?
- Getting support from your agency
- How to deliver results quickly

- A short demo of a simple management system for a local agency.

**November 2, 2009**

***Session 2 - Improving your Roadway Surface Management Program***

Intended Audience: Participants with partial Asset Management Programs or limited experience.

12:00 – 12:15	Welcome and Recap of Previous Session	Thomas Van
12:15 -1:15	Key Steps to Improving Your Gravel and Pavement Management Systems	George Huntington WY LTAP
1:15 – 1:30	Break	
1:30 – 2:45	Local Agency Experience & Discussion Signs, Cost Tracking, and Reports	Cheryl Benner Johnson County, WY
	Local Agency Experience & Discussion Cattle guards to Commission Minutes	Alan Frank, Albany County, WY
2:45 – 3:00	Session Summary	Denver Tolliver

This intermediate session would also have three parts, featuring an expert and practitioner team presenting. In this session, we are assuming the audience has looked into management systems, done some inventory, and probably run into some difficulty in retaining support or accomplishing what they set out to do with the system.

Topics:

Introduction segment would cover:

- Welcome
- Outline of what this session is about
- What the first session was about

Key Steps segment, while broad range of interrelated topics, would focus on Data Analysis and Securing Support and would cover:

- What kinds of parameters to measure that help make better decisions and deciding what data to collect
- Doing basic analyses such as LCCA, Benefit-Cost, and Prioritization Methods
- Some examples of analyses using ordinary tools such as Excel, etc.
- Delivering results – Importance of good communications
- How to sustain support for the management system
- Comparing and Contrasting the behavior of paved and gravel roads

Local Agency Experience segment would cover the following:

- Alternatives for how local agency management systems are set up
- Case studies of some successful systems and some not-so-successful systems
- Demo of a management system that is a bit more than basic level
- Data Collection Quality issues
- Identifying sources to help improve your system

**November 2, 2009**

***Session 3 - Taking Roadway Surface Management to the Next Level***

Intended Audience: Agency officials with experience in Asset Management and wanting to enhance their programs

8:00 – 8:15	Welcome and Recap of Previous Session	Thomas Van
8:15 – 9:00	Asset Management Systems: Evolution of Local Infrastructure	Ken Skorseth SD LTAP
9:00 – 9:15	Break	
9:15 – 10:15	Local Agency Experience & Discussion	Presenter Selected by and working with Ken Skorseth
10:15 – 10:45	Communicating Infrastructure issues and priorities. (Making sense of the analyses, training, GIS, Infrastructure as a business process, etc.)	Doyt Bolling National Center for Pavement Preservation
10:45 – 11:00	Session Summary & Workshop Close	Denver Tolliver

The format for this session is essentially the same as the other two. However, since the target audience already has some experience with management systems, it is expected that there will be less presentation and more discussion / exchange of ideas among those attending.

Topics:

Introduction session would cover:

- Welcome
- Outline of what this session is about
- What the other two sessions were about

Evolution session is about:

- Getting more sophisticated without major investments; multi-asset considerations
- Sizing the management system to the organization (Software rich, decision poor)
- Linking together information; getting away from the "black box" thinking
- Are videologs worth the cost?

Local Agency Experience & Discussion covers:

- Software analysis methods, using performance measures, use of statistics, risk management
- Prioritization methods, getting away from "worst first", preservation considerations
- Identifying additional information sources

Communicating session covers:

- Articulating complex data - Good Reports vs. Bad reports
- Use and abuse of graphics, charts, maps, etc.
- To use GIS or not to use GIS, that is the question
- Demos, Examples and Case Studies
- What lies ahead for further training