



Local Technical Assistance Program
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Michigan Technological University
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Maintaining Gravel Roads

Sep 15 – Marquette

Sep 16 – Grayling

Sep 17 – Fenton

Sep 18 – Grand Rapids

Sponsored by



**Michigan's
Local Technical
Assistance Program**



Maintaining Gravel Roads

Who should attend?

This workshop is appropriate for state, county or city personnel, technical staff and maintenance forces responsible for maintenance of gravel roads.

Objectives

- Develop a better understanding of the importance of materials, techniques, and equipment needed for maintaining and repairing gravel roads.
- Provide technical details for best practices.
- Demonstrate benefits to be gained from good maintenance practices
- Enhance the skills of gravel roads maintenance personnel
- Provide resources for gravel roads maintenance
- Create an opportunity for networking

Dates and Locations

September 15, 2008	Holiday Inn – Marquette 1951 U.S. 41 West Marquette, MI 49855
September 16, 2008	Ramada Inn – Grayling 2650 I-75 Business Loop Grayling, MI 49738
September 17, 2008	Fenton Community Center 150 S. Leroy St. Fenton, MI 48430
September 18, 2008	Ramada Plaza Hotel – Grand Rapids 3333 28th Street S.E. Grand Rapids, MI 49512

Registration

A registration fee of \$70 per person includes lunch, coffee breaks, and FHWA/SDLTAP's Gravel Roads and Maintenance Design Manual. A limit of three persons per agency will be allowed. Additional persons will be added to a waiting list. Limitations will be lifted on August 22. REGISTER EARLY to guarantee participation. To register, please call the Michigan LTAP office at 906-487-2102.

No-shows and cancellations within three business days of the session will be charged the full registration fee. Substitutions will be accepted.

Agenda

- 8:00 Check in and Welcome**
- 8:30 Part 1: Getting Started with Gravel Roads**
Overall shape of the roadway
Performing routine maintenance
Correcting and maintaining the crown
- 9:45 Break**
- 10:00 Part 2: Where Blade Meets Gravel**
Maintaining shoulders
Reshaping the roadway
Causes and cures for washboarding
Dealing with intersections, driveways, rail crossings, and other special situations
- 12:00 Lunch**
- 1:00 Part 3: Identifying and Correcting Problems**
Establishing and maintaining good drainage
Strengthening the sub grade to fix soft spots
- 2:30 Break**
- 2:45 Part 4: Good Gravel Makes it Happen**
Performance characteristics of aggregate
Working stockpiles, calculating quantities, hauling, equalizing, spreading, and other practical issues
Specifying the right gravel for the job, and ensuring quality
- 3:30 Final Questions and Discussion**
Workshop will adjourn after all questions are addressed.



Instructor

Ken Skorseth is the program coordinator of the South Dakota LTAP center and the author of the FHWA Gravel Roads Manual. He has 37 years of experience, as both an operator and a manager, in the highway and heavy construction and industry.

