



- Memo of Understanding
- General Permit Overview
- Emergency Procedures
- Culvert Design from a Fisheries Perspective
- Wetland Requirements
- Wetland Mitigation
- Your Permit Application: Key Points and Common Mistakes
- Basic 31/Hydraulic Requirements
- Soil Erosion: Stormwater and NPDES Requirements
- Natural Rivers Permit Requirements
- Concurrent Sessions:
 - Threatened and Endangered Species
 - Lessons Learned from June Floods
 - Army Corps Permit Requirements
 - Q&A for Hydraulic Reviews
 - MDOT's Transportation Enhancement Program



Transportation and the Environment

Soaring Eagle Inn & Conference Center
Mount Pleasant

December 2 & 3, 2008



Sponsored by



**Michigan's
Local Technical
Assistance Program**



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Transportation and the Environment

The Michigan Department of Environmental Quality (MDEQ), Land and Water Management Division, and Michigan's Local Technical Assistance Program (LTAP) present the Transportation and the Environment Conference. This year's conference will provide:

- An overview of statutes and design criteria in several environmental areas.
- Access to experts from MDEQ, MDOT, MDNR, and U.S. Army Corps of Engineers.
- Plenty of opportunities for informal conversation and networking with peers.

The conference will be held on December 2–3 at the Soaring Eagle Inn and Conference Center, which is conveniently located just east of the intersection of US 127 and Pickard Road (M20) in Mount Pleasant.

Who Should Attend

The conference is intended for local transportation agency staff and consultants who are responsible for project design, permit submittal, project construction and/or maintenance.

Cost and Registration

Employees of Public Agencies..... \$145

Employees of Private Companies..... \$160

Cost includes conference materials, handouts, break refreshments, and all meals listed on the agenda. The registration fee does not include accommodations.

To register, call Michigan's LTAP at 906-487-2102. Visa and MasterCard are accepted. When registering, please let us know if you have any special dietary needs.

Lodging

A block of rooms is available at the Soaring Eagle Inn on a first come, first served basis. The rate is \$65.00 per room. To reserve a room at this rate, call the Soaring Eagle Inn at 989-772-2905 by November 7, 2008, and mention the Transportation and Environment Conference.

No-shows and cancellations within three business days prior to the conference will be charged the full registration fee. Substitutions will be accepted.

Agenda

Tuesday, December 2

Moderators: Jerry Fulcher and Ginny Pennala

- 9:00 Registration/Check In**
- 10:00 Opening Remarks**
Jerry Fulcher
MDEQ Land and Water Management Division
- 10:05 Memorandum of Understanding**
Mike O'Malley
MDOT
- 10:25 General Permit Overview: What Are We Looking For?**
Alex Sanchez, Holly Vickers
MDEQ Land and Water Management Division
- 11:25 Emergency Procedures**
Ginny Pennala
MDEQ Land and Water Management Division
- 12:00 Lunch**
- 1:00 Key Points in Culvert Design from a Fisheries Perspective**
Chris Freiburger
MDNR Fisheries Division
- 2:45 Break**
- 3:00 Wetland Requirements: Avoid, Minimize, Mitigate, Easement and Financial Assurance Requirements**
Todd Losee
MDEQ Wetlands Unit
- 4:00 Wetland Mitigation: Finding and Developing a Good Site**
Steve Niswander
Niswander Environmental, LLC
- 5:00 Adjourn**
- 5:30 Dinner**

Wednesday, December 3

Moderators: Jim Watling and Jeff Silagy

- 7:00 Breakfast**
- 8:00 Your Permit Application: Key Points and Common Mistakes**
Sherry Spalding
MDEQ Land and Water Management Division
- 8:40 Basic Part 31/Hydraulic Requirements**
Sheila Meier, Minmin Shu, Jerry Fulcher
MDEQ Land and Water Management Division
- 9:45 Break**
- 10:00 Soil Erosion: Stormwater and NPDES Requirements**
Dick Mikula
MDEQ Water Bureau
- 11:00 Natural Rivers Permit Requirement**
Steve Sutton
MDNR Fisheries Division – Natural Rivers Program
- 12:00 Lunch**
- Concurrent Breakout Sessions*
- 1:00 Threatened and Endangered Species Review**
Lori Sargent – MDNR Wildlife Division
- 1:00 Lessons Learned from June Flooding in Mason and Wexford Counties**
Gary Dittmer – Mason County
Karl Hanson – Wexford County
- 1:40 US Army Corps of Engineers Permit Requirements for Transportation Projects**
Gina Nathan – US Army Corps of Engineers
- 1:40 Informal Q & A on Hydraulic Reviews – Bring Your Questions**
Sheila Meier, Minmin Shu
MDEQ Land and Water Management Division
- 2:25 MDOT's Transportation Enhancement Program – Multi-Use Paths**
Bruce Kadzban – MDOT Design/Local Agency Programs
- 3:00 Adjourn**



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