



Michigan Local Technical Assistance Program

“Bridging the Gap Between Research and Practice”

2004 Video Catalog Supplement

The LTAP video library has the following new videos.

294 Keep An Eye On It: Environmental Awareness for Gravel Road Maintenance.

Establish the relationship between stream quality and the maintenance, construction and repair of road crossings. Identify conditions and practices which may degrade water quality and fishery resources, and repair of road crossings.

2000 - ©Oakland County - 18 min.

295 Implementing Phase II of the NPDES Storm Water Regulations

This satellite video conference outlined Phase II of the new NPDES regulations. This informational material can be used to show others in your agency or your chapter what the new regulations will require.

2000 - ©APWA - 150 min.

296 Archways to Our Past: The Story of Michigan's Historic Highway Bridges

The story about Michigan's early years as told through its historic bridges.

2000 - ©MI DOT - 27 min.

297 Ready... Set...Winter! Driving Safely on Ice and Snow

Acquire a better understanding of the mechanics of winter driving. Learn to prepare your vehicle for winter driving, situations that require special attention, and how to handle common winter driving problems.

1996 - ©AAA - 13 min.

298 East Topeka Roundabouts

An overview of the roundabouts constructed in Topeka Kansas. Contains a full discussion of roundabout safety.

2000 - ©KS LTAP/KS DOT - 9 min.

299 The New Generation of Snow and Ice Control: Anti-icing and RWIS

Snow and ice control is a major expenditure for snow belt communities. Explore the use of anti-icing chemicals and specialized road weather information systems (RWIS) as a way to keep those costs in line.

1998 - FHWA - 7 min.

300 Bridge Evaluation and Posting

Improve your understanding of bridge inspection and evaluation without getting bogged down in technical jargon or calculations.

1993 - ©FHWA - 38 min.

301 Preventive Maintenance Project Selection

Explains the importance of preventive maintenance and how it can prolong the life of pavement by using the right treatment at the right time.

2000 - FHWA - 30 min.

302 Sealcoat - PASER

The Pavement Surface Evaluation and Rating (PASER) system helps local officials plan the maintenance and overall management of their roads. Common problems, typical repairs, and a simple system for evaluating and rating sealcoat roads are discussed.

2000 - ©TIC U Wisc. - 14 min.

303 Gravel - PASER

The Pavement Surface Evaluation and Rating (PASER) system helps local officials plan the maintenance and overall management of their roads. This tape covers the basic characteristics and surface distresses in gravel roads that affect the evaluation and rating of the road surface.

2000 - ©TIC U Wisc. - 16 min.

304 Road Blading-Forest Style

Reviews Forest Service road characteristics and outlines maintenance guidelines used by the Forest Service.

2000 - USDA Forest Service - 18 min.

2004 MI LTAP Video Catalog Supplement

305 It's About Time - Traffic Signal Management: Cost Effective Street Capacity & Safety

Defines traffic signal management, outlines the techniques and benefits for traffic signal management, and discusses signal retiming.

2001 - FHWA - 13 min.

306 Safely Regulating Traffic In Michigan

A flagger's responsibilities are critical in keeping work zones safe. This video looks at planning, training, and good flagging. There is also additional information specific to MI-DOT traffic regulation requirements.

2002 - MI DOT - 19 min.

307 Forest Roads & The Environment

A set of 5 videos that provide an overview of how the road interacts with the surrounding environment.

- Forest Roads and the Environment
- Reading the Traveled Way
- Reading Beyond the Traveled Way
- Smoothing & Reshaping the Traveled Way
- Maintaining Ditch & Surface Cross Drains

2002 - USDA Forest Service - 84 min.

308 Night Lights

Explains in easy-to-understand, non-technical terms, the benefits and technology involved in the retroreflectivity process.

2002 - ©FHWA/US DOT - 12 min.

309 Making the Effort Works

Outlines actions that can be taken to avoid construction delays and reduce or eliminate unnecessary project costs while stressing the importance of working together to achieve common goals.

2002 - ©FHWA/US DOT - 19 min.

310 Pothole Repair: Proven Practices

Provides an overview of the causes of potholes and the repair methods used by street maintenance workers who repair potholes for municipal, county, and state highway agencies.

1998 - MN Local Road Resch. Board, Braun Intertec Corp. - 14 min.

311 Road Repair: Do the Right Thing at the Right Time

Get a better understanding of the steps involved in road rehabilitation. Learn how to assess road repairs by looking for the cause of damage, data collection, and consideration of the actions taken.

1991 - MN Local Road Resch. Board, Braun Intertec Corp. - 21 min.

312 Comparable Concepts for Replacement Housing/ Business Relocation

Explains the complicated concept of replacement housing for displaced owners and tenants under the Uniform Act and 49 CFR Part 24. This information is used by relocation agents working on federally assisted projects for governmental agencies as well as Local agencies.

2001 - FHWA - 25 min.

313 Scheduled Lives, Stressful Drives

Communicating current travel conditions lowers travelers' stress and saves them time and money. This video illustrates how Advanced Traveler Information Systems return control to travelers by giving them choices - choices of time, route, and mode of travel.

2001 - FHWA - 22 min.

314 Effective Pavement Preservation by Identifying Distress Conditions, Causes and Cures

The focus has shifted from new construction to pavement preservation. For preventive maintenance to work you need to be able to identify the problems and know what steps are available for correction. This video provides visual identification of distress conditions, lists available fixes and outlines resources for cost effective solutions.

2002 - Ohio LTAP - 18 min.

315 Highway Work Zone Safety Series: Traffic Control Safety

Understand the proper procedures for installing and maintaining effective traffic control through a highway work zone. Learn to recognize dangerous situations and increase awareness of potential hazards while performing work assignments.

1996 - ©IA DOT/AGC/FHWA - 10 min.

316 Highway Work Zone Safety Series: Plant Site Safety

Traffic around a plant site increases chances of an accident. Learn to recognize a wide variety of potential hazards, review the safe storage of chemicals and flammables, and take the necessary safety precautions when operating heavy equipment.

1995 - ©IA DOT - 11 min.

317 Fundamentals of Tire Wear

Troubleshoot tire wear patterns on commercial truck tires. Provides tolerances for proper alignments and solutions for some tire wear problems.

1998 - Michelin North America - 21 min.

318 Dispelling Myths About Rubber on the Road

Tire pieces on the road are examined to discuss the facts about retread tires. Proper tire maintenance issues are also reviewed.

2001 - ©Tire Retread Information Bureau - 6 min.

2004 MI LTAP Video Catalog Supplement

319 Public Sector Fleet Retreading Programs

Communities and governmental agencies talk about the use of retread tires within their fleet maintenance programs.

1995 - ©Tire Retread Information Bureau - 9 min.

320 Fleet Tire Service OSHA Compliance Training Program Video

Review OSHA compliant training for servicing and maintenance of commercial truck tires. Demonstrates the correct procedures for mounting, demounting, and proper inflation methods for commercial vehicle tires.

1995 - Am. Retreaders Assoc. - 101 min.

321 Highway Work Zone Safety Series: Utility Safety in Work Zones

Learn to recognize the marking indicators and dangers of the five major utilities-gas, telecommunications, electric, water, and sewer. Also reviews the consequences of disruptions.

1999 - ©IA DOT/AGC/FHWA - 15 min.

322 Highway Work Zone Safety Series: Surveying Safety

Surveyors can review the hazardous situations surrounding both the pre-construction and post-construction phases of highway work zones. Highlights individual responsibility for safety in the surveying area.

1999 - ©IA DOT/AGC/FHWA - 18 min.

323 Highway Work Zone Safety Series: Loading, Transporting & Unloading Safety

Loading, unloading and transporting heavy equipment are dangerous activities that require constant attention. Review the dangers and recognize dangerous situations to improve safety for everyone.

1999 - ©IA DOT/AGC/FHWA - 12 min.

324 Highway Work Zone Safety Series: Removal/Demolition Safety

Recognize the hazards associated with the demolition and removal of roads, structures, and utilities in preparation for new construction. For improved safety review and understand the demolition plan for the equipment being used.

1999 - ©IA DOT/AGC/FHWA - 11 min.

325 Highway Work Zone Safety Series: Moving Operations/Maintenance Safety

Safety is the responsibility of each highway worker. Learn to recognize the dangers within each area of the work zone, especially where normal traffic control procedures are at a minimum. Always be aware of the line between the work zone and the traffic zone.

1998 - ©IA DOT/AGC/FHWA - 13 min.

326 Highway Work Zone Safety Series: Paving Safety

Identify the bad safety practices surrounding the paving process and know what to do to improve the situation. The tape reviews equipment, paving operations, and the increased hazards of night paving.

1998 - ©IA DOT/AGC/FHWA - 12 min.

327 On Again, Off Again: A Guide to Mounting and Dismounting Heavy Equipment

Humorist Captain Jack Parker walks you through the eight rules for safety, providing useful information about the equipment, and guidance for working with and around different pieces of construction equipment.

2003 - ©Association of County Commissioners of OK - 18 min.

328 Concrete Paving Inspection

A 4 tape training series on performing concrete paving inspections. Topics are 1) Basic Information on Paving Preparations, 2) Reinforcement, 3) Paving Operations, and 4) Joints. The tapes are updated to English units and conform to MDOT 2003 Standard Specs for Construction.

2003 - MI DOT - 82 min.

329 Concrete Testing Methods

This 3 tape set examines MDOT 2003 Standard Specs for concrete testing methods. The topics include 1) Sampling-Temperature-Slump, 2) Roll A Meter, and 3) Pressure Method (Type-B). The tapes have been revised from Metric to English.

2003 - MI DOT - 25 min.

330 Concrete Plant Procedures

The proper MDOT inspection and documentation techniques for the operation of a portable central mix concrete plant and a stationary transit mix concrete plant are outlined in this tape.

2004 - MI DOT - 11 min.

331 Dowel Bar Retro-Fit

A review of the installation process for dowel bar retrofit operations for highway construction personnel.

2004 - MI DOT - 7 min.

332 Concrete Dowel Bar Inserter

Watch a dowel bar inserter in operation. The machine is used to insert loose dowel bars into the wet concrete during paving operations.

2004 - MI DOT - 5 min.

2004 MI LTAP Video Catalog Supplement

333 Concrete Pavement Restoration - Concrete Pavement Inspection

Concrete pavement restoration consists of repairing portions of a concrete pavement with portland cement concrete and a specified type of joint. This video guides technicians in proper MDOT inspection & documentation techniques.

2004 - MI DOT - 23 min.

334 Getting Across: Aquatic Organisms and Road-Stream Crossings

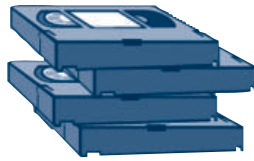
A brief introduction illustrates why and how road-stream crossings are constructed to allow aquatic organisms to pass. The general overview is intended for land managers and provides an insight into aquatic organism passage at road-stream crossings.

2003 - USDA Forest Service - 23 min.

335 Snowfighters

Explains the basics of snow removal, equipment preparation and maintenance, salt application rates, salt vs. abrasives, snow, ice, and fuel consumption, and the history and uses of salt.

1999 - Salt Institute - 21 min.



How to Order Tapes

All video tapes in this catalog are available on a loan basis for two weeks at no charge to village, city, county, state, and federal personnel within Michigan. Other organizations will be assessed a \$10 per tape cost recovery fee.

Most MI-DOT copyright © tapes are available for duplication. Please contact MI-LTAP regarding which MI-DOT tapes are available. All other tapes designated with the copyright symbol © may not be duplicated.

To order tapes (maximum of four per order), you can

- ① telephone MI-LTAP at (906) 487-2102
- ② FAX your order to (906) 487-3409
- ③ send an email to <LTAP@mtu.edu>, or
- ④ duplicate the order form below and mail it to the address shown.

MI LTAP Video Request Form

Local Technical Assistance Program

309 Dillman Hall
1400 Townsend Dr.
Houghton, MI 49931-1295
(906) 487-2102, FAX (906) 487-3409
Email <LTAP@mtu.edu>

Name _____ Title _____

Agency _____ Phone () _____

Address _____

City _____ State _____ Zip _____

Tape Numbers (1) _____ (2) _____ (3) _____ (4) _____

Please be sure to include \$10.00 per tape, if required.

Amount Enclosed \$ _____ Make checks payable to MTU.

View the
entire video library at
www.michiganltap.org

The Local Technical Assistance Program (LTAP) is a nationwide effort financed by the Federal Highway Administration and individual state departments of transportation. It intends to bridge the gap between research and practice by translating the latest state-of-the-art technology in roads, bridges, and public transportation into terms understood by local and county highway or transportation personnel.

Michigan's Local Technical Assistance Program is housed in the Transportation Institute at Michigan Technological University.



Sponsored by
the Federal Highway Administration
and
the Michigan Department of Transportation

