



TTAP Video Catalog  
Phone: 1-800-252-ROAD (inside TN)  
(865) 974-5255 (outside TN)  
Fax: (865) 974-3889  
Email: [ttap@utk.edu](mailto:ttap@utk.edu)

## TTAP Miscellaneous Videos

### ***Accident Investigation for Municipal Employees***

National Safety Council      1991      19 minutes      Video ID # 91  
Addresses the importance of investigating on the job accidents by supervisors for the purpose of avoiding future accidents. Goes through the process of conducting a thorough investigation.

### ***Air Quality Conformity in Transportation Planning***

Zapata Engineering      1999      20 minutes      Video ID # 227  
Gives a brief overview on guidelines local officials must follow in their transportation planning processes while adhering to the Clean Air Act and State Implementation Plan (SIP) which addresses air quality standards and maximum pollutants allowed.

### ***America's Deadliest Weapon***

Gannet Co., Inc.      1985      29 minutes      Video ID # 92  
Driving while intoxicated (DWI) is the greatest cause of violence in America. Video details case studies and statistics of drunk driving.

### ***Backing--You Owe it to Yourself***

PennDOT      1983      12 minutes      Video ID # 93  
Familiarizes equipment operators with proper backing procedures. It outlines proper procedures for backing methods that reduce backing accidents.

### ***Breakaway Timber Utility Poles***

FHWA      1990      15 minutes      Video ID # 94  
Shows crash tests and actual installation by a utility crew of the breakaway apparatus. The video describes the three components of the breakaway pole; the slip base, the upper hinge, and the upper support wires, as well as discussing the advantages and disadvantages of the poles.

### ***Caution Litigation Ahead: The Road to Effective Risk Management***

FHWA / US DOT      1988      25 minutes      Video ID # 97  
FHWA recommendations on how a transportation agency should address the problem of tort liability. The purpose of this video is to motivate state and local highway officials to use effective risk management programs to improve highway safety and mitigate the risk of tort liability.

### ***Comparable Concepts for Replacement Housing - Business Relocation***

FHWA      25 minutes      Video ID # 302  
Discusses the results of displacing people due to construction projects. Gives examples of comparable housing or business structures and how to determine what makes two homes or business locations functionally equivalent.



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***Contract Maintenance Series - Overview - Procedure - Supervision***

IRF/FHWA 55 minutes Video ID # 297

Illustrates how contracting maintenance is useful when repairing lighting fixtures, repaving procedures, tunneling and cleaning drainage facilities. Also discusses how and why an agency would choose to contract out maintenance work.

***Crash Comparison***

Energy Absorption Systems 10 minutes Video ID # 318

Promotional video for Energy Absorption Systems focusing on safety issues surrounding barrier end treatments, guardrail ends, redirective systems and portable concrete barrier.

***Emergency Management in Public Works***

APWA / FEMA 78 minutes Video ID # 99

Contains a seminar designed to help public works officials in with dealing with a crisis. Discusses how crisis leads to stress for municipal employees and emergency workers. Provides techniques for coping with this stress.

***Emergency Relief***

FHWA 1989 17 minutes Video ID # 98

Describes how the federal emergency relief program works for roads on federal aid systems that are damaged by floods, heavy storms, hurricanes, earthquakes, etc. Describes how to perform temporary emergency relief operations and how to apply for funds.

***Equipment Management Systems***

IRF 1996 251 minutes Video ID # 100

Introduction to EMS, equipment inventory, equipment maintenance, parts and supplies management, financial management, equipment management information, sub-system and EMS implementation.

***Examining the Planning and Environmental Provisions of TEA-21***

NCSU - CTE 1999 60 minutes Video ID # 275

National teleconference hosted by North Carolina State University's Center for Transportation and the Environment.

***Frequent Stops***

News 9 Denver 120 minutes Video ID # 300

Presents a news study following city employees to determine their productivity and efficiency on the job. Subsequent hearings, job dismissals and policy changes are also included.



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***Hauling Hot Mix Asphalt***

National Asphalt Pavement Assoc. 1993 9 minutes Video ID # 102  
Details the proper techniques to load, haul, and dump hot mix asphalt. Includes informal tips on truck safety inspection.

***Highway Maintenance Series Volume 1***

IRF/FHWA 80 minutes Video ID # 298  
Details highway management systems highlighting pavement management systems (PMS). The video discusses PMS data collection and management along with developing and implementing a suitable pavement management system.

***Highway Maintenance Series Volume 2***

IRF/FHWA 100 minutes Video ID # 299  
Continues the discussion from tape #298 by introducing ways to develop maintenance management standards (MMS). MMS standards are discussed for highway systems, the MMS planning process, MMS work authorization & scheduling and MMS work reporting and evaluation.

***How to Give a Deposition***

PennDOT 1991 17 minutes Video ID # 231  
Gives a brief overview of the process of giving depositions.

***Identifying and Developing Supervisors***

University of Tennessee 1991 240 minutes Video ID # 103  
Describes a process that can be used to identify and train supervisors in public works departments.

***Implementing a Maintenance System***

USDOT/FHWA 1990 36 minutes Video ID # 169  
Breakdown of the Maintenance Management System (MMS) Manual put together by the Federal Highway Administration (FHWA). Especially details chapters 3-9 of the manual. It is helpful to have the manual as a companion to the video to enhance the educational experience.

***John Deere AMT 600 Safety***

John Deere 1988 15 minutes Video ID # 228  
Product demo. Tape for the John Deere All Materials Transport Vehicle. Points out the uses for this five wheeled vehicle and the keys to safe operation.



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***Lime: The Versatile Stabilizer in Construction***

National Lime Association 1989 26 minutes Video ID # 104

Describes the various applications of lime as a stabilizing agent in roadway construction. The primary emphasis is discussion and illustration of the use of lime in stabilizing plastic clay soils for road sub grade preparation.

***Local Government on Trial, Part 1 - The Background***

PA Local Roads 1995 41 minutes Video ID # 232

Describes the various aspects of a court case, how it proceeds from the time of the accident, through the complaint discovery process, the courtroom proceedings, and jury decisions.

***Local Government on Trial, Part 2 - The Trial***

PA Local Roads 1995 90 minutes Video ID # 233

A mock trial involving local government sued because of highway accident in PA. Defines practices and terms commonly used in an accident investigation trial.

***LP Gas: Know the Facts***

FHWA / US DOT 1989 11 minutes Video ID # 105

Explains the characteristics of LP gas: proper filling of cylinders, inspection for leaks, correct storage and proper handling and maintenance of cylinders.

***Making the Effort Works***

FHWA/AASHTO 19 minutes Video ID # 283

Discusses the effect of utility delays on project duration. The video stresses a CCC approach (coordination, cooperation and communication) between utilities and engineers to reduce delivery time and maintain a reasonable project cost.

***Metrication (Module 23)***

FL T2 Center Van Program 1994 120 minutes Video ID # 234

This module is an introductory session for using the metric system in highway design and construction. This is not a math class using the metric system in calculating highway quantities.

***Moving Transportation into the Information Age***

US DOT / Texas DOT 1994 12 minutes Video ID # 106

Describes different aspects of Intelligent Transportation Systems (ITS) and their advantages for quicker, safer, and more efficient movement of people and goods.



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***National RTAP***

RTAP 1989 235 minutes Video ID # 107

Covers several different topics of interest to public works officials and road supervisors. How to reduce your department's liability, work zone traffic control and commercial drivers license program are a few of the topics discussed.

***Open Roads: A Look at Freeway Incident Management***

US DOT 1991 19 minutes Video ID # 108

Presents the current state-of-the-practice of freeway incident management, and is intended for viewing by top-level management, elected officials, citizen groups, and other interested parties.

***R-Tech Transportation Teleconference***

RTAP 1989 235 minutes Video ID # 110

How the Rural Transportation Assistance Program (RTAP) can help rural road maintenance managers and public officials find solutions to their maintenance problems with little or no cost. Question and answer session from the live teleconference.

***Skills for Controlling Conflict #1***

Oklahoma State Univ / APWA 1993 121 minutes Video ID # 111

This video presents clear examples of how to control conflict that you can put to use immediately. By applying the techniques, you will see improvements in customer relations, the workplace and productivity.

***Skills for Controlling Conflict #2***

Oklahoma State Univ / APWA 1993 106 minutes Video ID # 112

This video presents clear examples of how to control conflict that you can put to use immediately. By applying the techniques, you will see improvements in customer relations, the workplace and productivity.

***Skills for Controlling Conflict #3***

Oklahoma State Univ / APWA 1993 114 minutes Video ID # 113

This video presents clear examples of how to control conflict that you can put to use immediately. By applying the techniques, you will see improvements in customer relations, the workplace and Productivity.

***Subdivisions: A Local Dilemma***

Montana State Film & Television Dept. 1985 11 minutes Video ID # 114

Demonstrates problems that subdivisions must face before development is started. Sewage, water, electricity and impact on wildlife are discussed. Talks about the regulations and laws directed towards subdivisions.



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***Subsurface Utility Engineering--A Proven Solution***

FHWA 1995 16 minutes Video ID # 123

Discusses the process known as subsurface utility engineering, which accurately maps underground utilities and structures for use in development of future construction projects. Utilizes a lecture format.

***Technical Advancements for Maintenance Workers***

SHRP 1990 12 minutes Video ID # 116

Presents the status of research activities in the areas of maintenance cost effectiveness and snow and ice control. These include an overview of safety research and productivity improvements. The emphasis on reducing cost and improving safety and public satisfaction.

***Technology Transfer Series - Effective Technology Transfer***

IRF/FHWA 45 minutes Video ID # 295

Defines technology transfer as the process where new, innovative concepts or ideas are transferred into working processes and products. The video also presents effective methods of technology transfer and establishing a technology transfer program.

***The Best Defense is a Good Road***

FHWA / Cornell University 1989 16 minutes Video ID # 117

Illustrates tort claims which might result from traffic accidents caused by signing deficiencies. It explains the meaning of the title and stresses the importance of good management, routine sign inspections and good documentation.

***The Clemson Beaver Pond Leveler: One Solution***

Clemson University 1992 101 minutes Video ID # 124

Introduces the Clemson Beaver Pond Leveler, a device which allows drainage and manipulation of water flooded by beavers. Presents an overview of the historical aspects, life history, and biology of beavers, outlines the Levers design and construction.

***The Cumberland Gap Tunnel***

FHWA 1997 26 minutes Video ID # 329

Where the State lines of Virginia, Kentucky, and Tennessee meet at historic Cumberland Mountain, the technology for the future is saving the past. Pioneers once entered this gateway to the west here, through the famous notch in the mountain known as Cumberland Gap. Today, the Eastern Federal Highway Administration and the National Parks Service have undertaken a large and complex journey of their own – the creation of twin vehicular tunnels, each nearly a mile in length, that is bringing travel through the gap into the 21st century.

***Torts are Everybody's Business***

PA DOT 1992 5 minutes Video ID # 236

Gives a brief overview on civil suits local road agencies face due to wrongful injuries on the roadways.



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***Tow Vessel Performance: Ingram Barge Company***

US DOT/UT Trans. Center 1985 14 minutes Video ID # 237

Case study of a computerized system installed on river barges. The system provides feedback on speed, fuel consumption and engine performance allowing the captains to adjust for optimum performance.

***Training: The Obscured Advantage***

LTAP/FHWA 1996 6 minutes Video ID # 239

LTAP promotional video outlining the importance of training for government work forces. Summarizes LTAP's objectives and programs that are available.

***Transportation Librarians: Partners in Technology Transfer***

Minnesota D.O.T. 1998 10 minutes Video ID # 240

Cutting edge information, research and technology are at the fingertips of the transportation librarians. This video describes what they can do for you and the tools at their disposal.

***Tree & Shrub Management (Segments 1-5)***

Virginia T2 Center 1991 366 minutes Video ID # 120

1) Covers plant selection for landscaping including plant benefits and matching environment. 2) Covers woody plants, seedings and locally adaptive plants. 3) Covers a walking tour and plant identification and describes methods and procedures for transplanting a tree. 4) Describes pruning operations. 5) Describes plant problems,

***Wetted Salt***

Dow Chemical Co. 1989 19 minutes Video ID # 121

Illustrates advantages of "Liquidow" that is safer and quicker when used at lower temperatures; the proper way of applying salt; loss of untreated rock salt versus efficiency of wetted salt. Methods for prewetting rock salt with liquid calcium.

***What Ever Happened to Dick and Jane?***

Mobay Chemical Corporation 55 minutes Video ID # 122

Addresses the problem of drug and alcohol abuse and its effect on children. Examines the effects of different drugs on the body and the formation of addictions.