





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)

***Improving American Roads Through International Technology***

FHWA 1998 12 minutes Video ID # 263

Sharing good ideas and innovations with our global neighbors helps improve transportation. From phenomenal advances in ITS to longer lasting asphalt mixes, American transportation professionals benefit from visits to foreign countries.

***It's About Time...Traffic Signal Management Cost Effective Street Capacity and Safety***

FHWA 14 minutes Video ID # 289

Discusses traffic signal management and improvements including updating existing equipment or retiming traffic signals. Traffic signal management is shown to reduce pollution, reduce congestion, save commute time, lower accident rates, reduce aggressive driver behavior and eliminate the need for construction projects to improve capacity and efficiency.

***New Directions in Sign Management***

ATSSA 1988 17 minutes Video ID # 177

Excellent explanation of the basics of sign system maintenance programs and principles for municipalities of any size.

***Night Lights - How Retroreflectivity Makes our Roads Safer***

FHWA 14 minutes Video ID # 290

Targeted at any motorist this video offers a range of driver scenarios to illustrate the necessity of retroreflectivity on road signs. Retroreflectivity improves safety and lowers the stress on a driver's eyes by reflecting light toward the car improving the visibility of signs and markers at night.

***Operation Time Saver***

US D.O.T. 1996 7 minutes Video ID # 264

Americans spend two billion hours in traffic jams each year. How do we alleviate this headache? This video describes how ITI (Intelligent Transportation Infrastructure) is put to work on this problem.

***Quickchange: Moveable Barrier***

Barrier Systems, inc. 8 minutes Video ID # 265

Promotional video showing the Quickchange system. The movable barrier consists of a row of hinged concrete sections that can be placed and shaped to re-route traffic by the barrier transfer vehicle.

***Right Before Your Eyes***

ATSSA 1993 10 minutes Video ID # 178

The goal of this videotape is to increase awareness of the important role pavement markings play in traffic safety, and to raise a concern that this vital safety issue needs the attention and the involvement of the public and government agencies.



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***RTMS Radar Sensor***

E.I.S., Inc.

40 minutes Video ID # 266

Intelligent traffic systems (ITS) rely on remote sensors to gather data about traffic. This promotional video outlines the features of the RTMS radar sensor as the 'eyes' of an integrated ITS. Key features include: all weather operation, true presence radar, up to eight lanes of coverage and unobtrusive installation.

***Scheduled Lives, Stressful Drivers***

FHWA

22 minutes Video ID # 282

Discusses advanced traveler information services as an alternative technique to improve roadway capacity. This services contacts subscribers by various methods to provide more personalized information than radio reports or overhead message boards.

***Setting Speed Limits***

Vermont Local Roads Program 1995

10 minutes Video ID # 191

Shows how to conduct a traffic engineering survey in order to determine a reasonable and safe speed limit. Utilizes both lecture and demonstration instructional formats.

***Sign Maintenance & Installation***

FHWA

27 minutes Video ID # 192

Discusses procedures to track and prioritize signs and discusses the proper use of traffic control devices and equipment. Utilizes both lecture and demonstration instructional format.

***Smart Moves: The Intelligent Transportation Infrastructure***

Public Technology Inc.

1996

10 minutes

Video ID # 267

Presents the design and resulting system of three different ITS programs that combine advanced technology with traffic systems.

***Testing and Field Inspection of Roadway Delineation***

US DOT

36 minutes

Video ID # 181

Discusses how pavement markings and post mounted delineators help prevent accidents. Details choosing proper materials, applying the material to dry surfaces, and applying the material within a certain range.

***Traffic Control Series: Developing Job Site Traffic Control Plans***

IRF

1994

21 minutes

Video ID # 182

Demonstrates how to develop an effective traffic control plan by following the evolution of a control plan through preplanning, designing and writing, implementing, evaluating, and revising.



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***Traffic Control Series: Installation, Inspection, & Maintenance of Work Site***

IRF 1994 24 minutes Video ID # 183

Presents the installation, inspection and maintenance of traffic control devices at a work site based on a traffic control plan.

***Traffic Control Series: Markings and Islands***

IRF 1994 19 minutes Video ID # 184

Details the design and application of markings and islands including pavement markings, delineators, object markings, curbed islands, and non-paved islands.

***Traffic Control Series: Special Use Traffic Controls***

IRF 1994 17 minutes Video ID # 185

Discusses traffic controls that address potentially hazardous traffic conditions: hazard identification or speed beacons, lane use control signals, pedestrian signals, freeway ramp control signals, narrow bridge or tunnel signs.

***Traffic Control Series: Traffic Control Signals at Intersections***

IRF 1994 18 minutes Video ID # 187

Describes how engineers determine if a signal is needed, how signal controller phasing works, and how signal timing works.

***Traffic Control Series: Traffic Controls for Schools, RR Crossings, & Bicycle***

IRF 1994 24 minutes Video ID # 186

Discusses traffic controls needed for unique situations that require extra safety considerations drivers-schools, railroad crossings, and bicycle facilities.

***Traffic Control Series: Traffic Sign Inspection & Maintenance***

IRF 1994 21 minutes Video ID # 188

Discusses aspects of sign inspection and maintenance, sign maintenance facilities, field equipment, and materials. Also considers how to measure the performance of signs, describes a sign inventory system, and shows how inventory data can be collected.

***Traffic Control Series: Traffic Sign Placement & Location***

IRF 1994 22 minutes Video ID # 189

Covers the placement and location of signs in general, and then takes a more specific look at placement and location of signs in urban, rural, and freeway areas.

