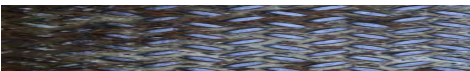


*Kentucky  
Transportation  
Library*



# Video Catalog 2002



- **Bridges and Structures**
- **Design and Construction**
- **Materials**
- **Maintenance and Operations**
- **Safety and Health**
- **Traffic Operations**

Kentucky Transportation Center  
Technology Transfer Program  
College of Engineering  
128 Raymond Building  
Lexington, KY 40506-0281



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## INTRODUCTION

The Kentucky Transportation Center's Technology Transfer Program for Local Governments is funded by the Federal Highway Administration's Local Technical Assistance Program (LTAP) and the Kentucky Transportation Cabinet. The Technology Transfer Program helps provide governmental agencies with improved access to new technologies for the construction, operation, and maintenance of their local roads, streets, and bridges. Services are provided through publications, training workshops and conferences, a lending library, a newsletter, and on-site technical assistance. This publication is partially funded by LTAP.

As a service of the Kentucky Transportation Center's lending library, a catalog of videos that are available for loan has been compiled. The titles are arranged numerically by video number, with a brief description of each video along with other information such as date, publisher, and length of time. Following are the conditions and procedures for borrowing videos.

- ! Free loan of videos.
- ! Up to three titles at a time per agency.
- ! Two week loan period. Please return videos by end of the loan period so others may borrow them.
- ! Order by mail, phone, fax, or e-mail .
- ! Please rewind tapes and return by First Class mail (Your only cost).

**NOTE:** The videos marked with an **asterisk (\*)** are protected by copyright and may NOT be reproduced without written permission from the publisher.

An index at the end lists the titles by subject. Please refer to the numerical list of videos for a full description of the titles. An order form, which you may duplicate, is provided or you may call or send e-mail to request videos.

VIDEO TAPE ORDER FORM  
(May Be Duplicated)

Library  
Kentucky Transportation Center  
University of Kentucky  
176 Raymond Bldg.  
Lexington, KY 40506-0281

(859) 257-4513 x 234 or  
(800) 432-0719  
Fax: (859) 257-1815  
E-mail: lwhayne@engr.uky.edu  
Librarian: Laura Whayne

DATE: \_\_\_\_\_ PHONE: ( \_\_\_\_\_ ) \_\_\_\_\_

NAME: \_\_\_\_\_ TITLE: \_\_\_\_\_

AGENCY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

REQUESTED VIDEO(S) (Video Number):

1. AV-V \_\_\_\_\_      2. AV-V \_\_\_\_\_      3. AV-V \_\_\_\_\_

IMPORTANT!!! PLEASE REWIND THE TAPE(S) AND RETURN BY FIRST CLASS MAIL OR PACKAGE EXPRESS SERVICE.

PLEASE RETURN THE TAPE(S) NO LATER THAN THE DUE DATE. WE APPRECIATE YOUR COOPERATION.

\*\*\*\*\*

(FOR OFFICE USE ONLY)

DUE DATE: \_\_\_\_\_

- AV-V001**            **AASHTO Guide to Recruitment and Retention of Civil Engineers**  
 Institute of Transportation Engineers  
 01/01/1989  
 \*1/2" VHS, 17 min. Young transportation engineers explain and discuss their jobs.
- AV-V002**            **AASHTO Presents Tort Liability of State Highway and Transportation Agencies**  
 AASHTO  
 01/01/1986  
 1/2" VHS, 51 min. Richard O Jones defines and explains tort liability. Departments of transportation have a duty to provide a safe environment. Due to negligence, an agency or individual may be sued. Litigation is often related to construction and maintenance operations.
- AV-V003**            **Advance Warning (Flashing) Arrow Panels: Positive Guidance; Barrier Delineation in Work Zones: The Well-Defined Path**  
 DOT FHWA  
 1/2" VHS, 25 min.; 24 min. "Flashing Panels" covers mode selection, design standards, applications and placement, costs and maintenance, and recommendations for usage. "Barriers" addresses standards, placement situations, delineation techniques, end treatments, maintenance, and selection.
- AV-V004**            **Advanced Institute for Transportation Systems Science: The New Professional**  
 University of Kentucky  
 03/13/1990  
 1/2" VHS, 3/4" VHS, 7 min. A new program has been established at the University of Kentucky to prepare and train transportation professionals.
- AV-V005**            **Advanced Institute of Transportation Systems Science: The New Professional.**  
 Kentucky Transportation Center  
 07/31/1990  
 1/2" VHS, 8 min. Revised 7-31-90. A new program has been established at the University of Kentucky to prepare and train transportation professionals.
- AV-V006**            **Advantage I-75**  
 Kentucky Transportation Center  
 10/01/1990  
 1/2" VHS; 10 min. An intelligent vehicle/highway system proposed for the I-75 corridor states and Canadian provinces with a focus on commercial vehicles.
- AV-V007**            **Advantage I-75**  
 Video Editing Services  
 05/22/1992  
 1", 13 min., Video Master, Not for Circulation. Audio Ch. #1 VO Only.
- AV-V008**            **Advantage I-75, 2nd Edition**  
 Kentucky Transportation Center; University of Kentucky  
 01/01/1992  
 1/2" VHS, 14 min. 2nd edition. Explains Advantage I-75 which is an IVHS project

for motor carriers moving along I-75. Safety, productivity, and efficiency are some of the advantages of the system to the trucking industry.

- AV-V009**      **Advantage I-75; Third Edition**  
Kentucky Transportation Center; University of Kentucky  
01/01/1995  
\*1/2" VHS, 11 min. Advantage I-75 is an Intelligent Transportation System project that addresses truck monitoring, traffic management, and safety along the I-75 Corridor and Highway 401 in Canada.
- AV-V010**      **Aesthetic Bridge Rails and Guardrails**  
DOT FHWA  
1/2" VHS, 8 min. The video summarizes the crash testing and special features of aesthetic bridge rails and guardrails. Accompanied by report FHWA-SA-91-051.
- AV-V011**      **AGC's Partnering: A Concept for Success**  
Associated General Contractors of America  
01/01/1992  
1/2" VHS, 12 min. Partnering is a management concept in which all parties work together to resolve problems. The 3 keys to successful partnering are commitment, communication, and conflict resolution. See Book: Partnering: A Concept for Success
- AV-V012**      **Alkali-Silica Testing**  
Strategic Highway Research Program  
06/01/1994  
1/2" VHS, 20 min. Alkali-Silica Reactivity (ASR) is a major cause of cracking in concrete. This video looks at determination of ASR, prevention, and testing (conventional and new). Accompanied by Handbook SHRP-C-FR-91-101. Accompanied by a manual: SHRP-C-413.
- AV-V014**      **Asphalt Crack Treatment: Helpful Information for the Road**  
Braun Intertec  
11/01/1992  
1/2" VHS, 15 min. Reviews the different methods of repairing cracks in asphalt pavement.
- AV-V015**      **Asphalt Maintenance Techniques**  
Video University Productions  
01/01/1993  
\*1/2" VHS, 85 min. Covers the asphalt maintenance techniques of seal coating, asphalt overlay, cutouts & repair, crack filling, striping, and geotextiles.
- AV-V016**      **Asphalt Overlays: The Four P's**  
Minnesota Local Road Research Board  
10/10/1994  
\*1/2" VHS 16 min. Intended for local government officials, this video focuses on explaining the philosophy, purpose, and benefits of asphalt overlays. The video briefly presents the components and how to's of placing an asphalt overlay, but is not intended to be a training video. The four P's are planning, preparation, production, and placement.

- AV-V017**            **Asphalt Pavement Applications with Robert Joubet**  
 St. Michael's College, VT Transportation Information Exchange  
 1/2" VHS. Discussion centers on the surface applications of fog seals and chip seals. It covers basic design factors affecting seal coats, and details hot-mix applications for overlay work.
- AV-V018**            **Asphalt Paving Inspection**  
 Utah Dept. of Transportation  
 10/01/1977  
 1/2" VHS, 28 min. Covers mixing plants, plant inspection, lay down inspection, and sample testing procedures including nuclear testing. Inspection and safety are emphasized.
- AV-V019**            **Back to Basics**  
 Safety Shorts Production, Inc.  
 01/01/1992  
 \*1/2" VHS, 5 min. This video shows what can cause back injuries and how to avoid them.
- AV-V020**            **Backhoe, Parts 1 & 2**  
 Delaware Dept. of Transportation  
 1/2" VHS, 22 min. Presents information on maintaining and operating a backhoe. Covers machine parts and functions, pre-trip inspections, operating techniques, and shut-down procedures.
- AV-V021**            **Base and Sub-Base Repair**  
 International Road Federation  
 01/01/1988  
 \* 1/2" VHS, 16 min. Outlines a nine-step base repair system and covers on-site moisture tests. Accompanied by a supplemental statement.
- AV-V022**            **Basics of Local Road Engineering**  
 St. Michael's College, VT Transportation Information Exchange  
 09/01/1983  
 1/2" VHS, 55 min. A presentation by Lynne Irwin on how to build a good road. Design considerations covered are capacity, geometrics, drainage, pavements, and safety.
- AV-V023**            **Batch Plant Maintenance**  
 Video University Productions  
 01/01/1992  
 \*1/2" VHS, 60 min. Over 70 cost saving inspection and maintenance procedures are explained.
- AV-V024**            **Baystate Roads Drainage Workshop**  
 Baystate Roads Program (Massachusetts)  
 10/21/1988  
 1/2" VHS, 260 min. Covers the topics of the hydraulic cycle, drainage facilities, estimating runoff, sizing culverts and ditches, erosion control, installation and maintenance, and channel relocation.

- AV-V025**            **Be a Good Neighbor. Be a Designated Driver Final Choices: The Brad Shipman Story**  
 State Farm Insurance  
 10/01/1991  
 \*1/2" VHS, 15 min. Oversize. Accompanied by print material. This video outlines the tremendous consequences that occurred after a young man was involved in an alcohol-related accident.
- AV-V026**            **Best Defense Is a Good Road**  
 Cornell University Local Roads Program; DOT FHWA  
 04/01/1989  
 1/2" VHS & Booklet, 16 min. Discusses the importance of risk management by having a good maintenance management program. By inspecting, setting priorities, taking action, and documenting the action, the risk of tort liability is reduced.
- AV-V027**            **Better Inductive Loop Detectors**  
 DOT FHWA  
 01/27/1986  
 1/2" VHS, 16 min. Presents a summary of the state-of-the-art of loop detector installation.
- AV-V029**            **Beyond Close to the Customer**  
 Video Publishing House, Inc.  
 01/01/1989  
 \* 1/2" VHS, 111 min. LOAN TO KTC STAFF ONLY. Tom Peters discusses the issues of providing fast and good quality service to our customers. Accompanied by a Viewer's Guide and Exercises.
- AV-V030**            **Big Cable Bridges, How Did They Do That?**  
 Segments of Knowledge  
 01/01/1994  
 \* 1/2" VHS, 30, min. An educational video for children that shows and explains how cable-stayed bridges are built.
- AV-V031**            **Bikes! Art, Elegance, and Engineering**  
 National Society of Professional Engineers  
 01/01/1991  
 \*1/2" VHS, 8 min. It teaches students about engineering through something they appreciate: bicycles. The story of the engineering team is told through bike racing and manufacturing. For grades 5-9 .
- AV-V032**            **Bituminous Concrete Paving**  
 Northwest T2 Center  
 10/01/1985  
 1/2" VHS, 45 min. In three parts: (1) preliminary checks and equipment; (2) surface preparation and tack coats; and (3) delivery of hot-mix paving, compaction, and final project acceptance.
- AV-V033**            **Bituminous Plant Inspection**  
 Northwest T2 Center

10/01/1985  
1/2" VHS, 37 min. It covers the "basics" of bituminous plants. Subjects include materials, batch plant operations, and drum mix plants.

**AV-V034**

**Bituminous Seal Coat**

Northwest T2

10/01/1985

1/2" VHS, 16 min. It presents materials, equipment, traffic control, and work methods for bituminous seal coats.

**AV-V035**

**Blades; 90 Degree High Bank Setting-Motor Grader**

New Mexico State Highway Dept.

01/01/1982

1/2" VHS, 44 min. I. An introduction to motor graders. Covers daily preventive maintenance, instruments and controls, and basic operations. (39 min.). II. Also gives instructions for the 90 degree high bank setting for motor graders. (5 min.).

**AV-V036**

**Blading Unpaved Roads**

DOT FHWA

05/01/1988

1/2" VHS, 22 min. It covers the proper techniques for blading unpaved roads. Special situations covered include intersections, railroad crossings, driveways, and bridge approaches.

**AV-V037**

**Breakaway Sign Program**

New Jersey Dept. of Transportation

01/01/1991

Media Format: 1/2" VHS, 12 min. Documents the New Jersey breakaway sign support system, which has achieved its safety objective of saving lives. Accompanied by a report: FHWA-SA-91-004

**AV-V038**

**Breakaway Timber Utility Poles**

DOT FHWA

06/01/1989

1/2" VHS, 15 min. Shows crash tests and actual installation by a utility crew of the breakaway apparatus. Jim Carney, Chief of FHWA's Railroads, Utilities, and Pavements Branch, urges further field testing of breakaway pole installations.

**AV-V039**

**Bridge Deck Overlays**

Strategic Highway Research Program

06/01/1994

1/2" VHS, 14 min. Bridge deck overlays are addressed in this video. It examines deck condition, materials, surface preparation, and overlay placement. Accompanied by a manual: SHRP-C-412.

**AV-V040**

**Bridge Management Systems**

Pennsylvania Dept. of Transportation

01/09/1987

1/2" VHS, 30 min. Engineers discuss a bridge management system, which is a prioritization system for maintenance and replacement of bridges.

- AV-V041**            **Brush Cutter**  
Delaware Dept. of Transportation  
1/2" VHS, 13 min. A brush cutter is used to clear roadsides of brush and excess vegetation. Video covers pre-trip inspection, operating techniques, and shut-down procedures.
- AV-V042**            **Budget Analysis Procedures**  
Metropolitan Transportation Commission  
10/01/1986  
\* 1/2" VHS, 112 min. This video covers budget analysis procedures of a pavement management system.
- AV-V043**            **Business of Paradigms**  
Charthouse Learning Corporation  
01/01/1989  
\*1/2" VHS, 38 Min. Barker explores how hidden barriers to new ideas limit our ability to successfully anticipate the future. LOAN TO KTC STAFF ONLY.
- AV-V045**            **Can a PC Help You?**  
Kansas University Transportation Center  
01/01/1990  
1/2" VHS, 29 min. A brief introduction to personal computer technology for rural transportation agencies, focusing on the factors to be considered when preparing to purchase a first system and stressing effective applications of computer technology.
- AV-V046**            **Careers in Transportation Engineering**  
Institute of Transportation Engineers  
01/01/1989  
\*1/2" VHS, 17 min. Shows young adults in engineering activities: program is designed to generate interest in transportation engineering careers.
- AV-V047**            **Caution, Litigation Ahead: The Road to Effective Risk Management**  
DOT FHWA  
04/01/1988  
1/2" VHS, 25 min. The purpose of this presentation is to motivate state and local highway officials to implement effective risk management programs to improve highway safety and mitigate the risk of tort liability.
- AV-V048**            **Children in Traffic: Why They Are Different**  
AAA Foundation for Traffic Safety  
01/01/1983  
\* 1/2" VHS, 13 min. Designed to show drivers how children differ from adults in their perceptions of traffic. Drivers are cautioned to be alert for children and not just rely on traffic regulations.
- AV-V049**            **City Maintenance Operations**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 15 min. Accompanied by two Guides: Unique approaches to traffic control during city maintenance operations including street patching, intersection stripping, traffic signal repair, and overhead light maintenance.

- AV-V050**            **Cleaning and Clearing of Bridges**  
International Road Federation  
\* 1/2" VHS, 13 min. Describes what, why, and how to clean bridges and components. It includes procedures for cleaning bridge decks, drain holes, drain spouts, expansion joints, signs and reflectors, unauthorized writing or painting, bearing assemblies, pier caps and abutments, and removing debris and waterway obstructions.
- AV-V051**            **Cleaning of Lined Ditches, Culverts and Catch Basins**  
International Road Federation  
\* 1/2" VHS, 16 min. Proper procedures for manual cleaning of lined ditches, culverts, and catch basins are demonstrated.
- AV-V052**            **Coal Summit II Lexington Kentucky**  
Kentucky Foundation for Energy Technology Development, Inc.  
04/15/1987  
1/2" VHS, 23 min. Coal producers, transporters, consumers, and government leaders met and developed, for recommendation, an energy policy.
- AV-V053**            **Cold In-Place Recycling**  
Asphalt Recycling and Reclaiming Assn.  
\*1/2" VHS, 10 min. Overview of single unit and "train" recycling methods. Good as introduction to topic for anyone unfamiliar with cold in-place recycling.
- AV-V054**            **Cold Weather Effects**  
Caterpillar  
01/01/1975  
\* 1/2" VHS, 22 min. Laboratory demonstration is used to show the effects of cold weather on materials, lubricants, coolants, and systems of Caterpillar equipment at sub-zero temperatures (0 F. to -45 F.)
- AV-V056**            **Coming and Going Viewer's Guide**  
Greater Washington Educational Telecommunications Assn., Inc.  
01/01/1994  
Accompanied by three videos of same title.
- AV-V057**            **Coming and Going: Coast to Coast**  
Films for the Humanities Inc.  
01/01/1994  
\*1/2" VHS, 58 min. Loan to KTC Staff only. This video examines the importance of travel and mobility to Americans and what transportation has meant to the country. Accompanied by a viewer's guide.
- AV-V058**            **Coming and Going: Over the Long Haul**  
Films for the Humanities, Inc.  
01/01/1994  
\*1/2" VHS, 57 min. Loan to KTC Staff only. This video examines freight transportation in the U.S.: the different modes and the complex system that moves the freight. "Just-in-time" deliveries are also presented. Accompanied by a viewers guide.

- AV-V059**            **Coming and Going: Road to the Future**  
 Films for the Humanities, Inc.  
 01/01/1994  
 \*1/2" VHS, 57 min. Loan to KTC Staff only. This video examines how the automobile has shaped urban and suburban growth in four representative cities. Accompanied by a viewer's guide.
- AV-V060**            **Commercial Drivers License Study Program**  
 Amalgamated Transit Union  
 \* 1/2" VHS, 60 min. Accompanied by an Information Brochure. A study program and review of requirements for taking the Commercial Drivers' License test.
- AV-V061**            **Commercial Drivers License Video Series Parts 1-7**  
 Pennsylvania Dept. of Transportation  
 1/2" VHS, 3 videos-90 min. each. Safety tips when driving commercial trucks; Safety tips for driving on snow and ice; Traffic rules for trucks and buses and tips on record-keeping.
- AV-V062**            **Common Maintenance Problems and Causes**  
 International Road Federation  
 \* 1/2" VHS, 21 min. This presentation covers maintenance problems on pavement surfaces, road bases and subbases, earth and gravel roads shoulder drainage facilities, and roadside areas.
- AV-V063**            **Community Flood Plain Management**  
 Federal Emergency Management Agency  
 08/08/1989  
 1/2" VHS, 3.5 hours. A video course for community officials on flood plain management. 8 Modules: National flood insurance program, reading and using maps, riverine and coastal high hazard areas, administering flood plain management regulations, NFIP community assistance program, NFIP case studies, and litigation and liability issues.
- AV-V064**            **Concrete Bridge Deck Repair**  
 International Road Federation  
 01/01/1988  
 \* 1/2" VHS, 18 min. Procedures for permanent repair of partial and full-depth bridge deck holes with cement concrete are detailed. Accompanied by a supplemental statement.
- AV-V065**            **Concrete Bridge Protection, Repair and Rehabilitation**  
 Strategic Highway Research Program  
 \*1/2" VHS; 5 min. Video describes SHRP research on new techniques that address corrosion, repair, and rehabilitation of concrete bridges.
- AV-V066**            **Concrete Bridge Railings; Modified Thrie Beam Guardrails; Cable Guardrails**  
 DOT FHWA  
 1/2" VHS, 13 min., 9 min., 12 min. The video summarizes the crash testing and special features of concrete bridge railings and guardrails. See reports: FHWA-SA-91-049 and FHWA-SA-91-050.

- AV-V067**                    **Concrete Pavement Overlays**  
Strategic Highway Research Program  
06/01/1994  
1/2" VHS, 22 min. This video demonstrates the steps in constructing concrete overlays: design, pre-overlay repairs, surface preparation, concrete placement and curing, and joint sawing and sealing. Accompanied by a manual: SHRP-C-412.
- AV-V068**                    **Courage to see Clearly: Living More Fully by Living the Truth**  
Career Track Publications  
01/01/1993  
\*1/2" VHS, 69 min.; 1 audio cassette, 68 minutes; Audio/Video Transcript. This video addresses vision and attitude and how they affect our reactions to stress and life.
- AV-V069**                    **Crack Repair in Asphalt Pavement**  
International Road Federation  
01/01/1988  
\* 1/2" VHS, 12 min., suppl. Repair procedures are shown for linear and alligator cracks from three to twelve millimeters in width.
- AV-V070**                    **Crack Sealer, Parts 1 & 2**  
Delaware Dept. of Transportation  
1/2" VHS, 24 min. Crack sealing is a cold weather operation. The video covers equipment operation, applying the sealant, and preventive maintenance.
- AV-V071**                    **Crane Operation; Forklift Operation & Preventive Maintenance; Winch, Auger, Bucket Operation;**  
Utah Dept. of Transportation  
01/01/1989  
1/2" VHS, 120 min. Manual: TE223.U82 1989. Remainder of Title: Rotary Mower Operation, Parts 1 & 2, PM. Presents methods and procedures for proper operation and maintenance of cranes, forklifts, and rotary mowers.
- AV-V072**                    **CSI Blaster/Painters Coating Demonstration of IC Coating 531 Water Based Inorganic Zink Silicate Coating System**  
CSI Blaster Painters  
\* 1/2" VHS, 17 min. Demonstrates the spray application of a zinc primer followed by an epoxy overcoat, resulting in a durable protective coating.
- AV-V074**                    **Dead Right**  
AAA Foundation for Traffic Safety  
01/01/1976  
\* 1/2" VHS, 10 min. This video illustrates pedestrian safety with the story of a pedestrian who may have been legally right but was almost killed in a pedestrian accident.
- AV-V077**                    **Developing Job Site Traffic Control Plans**  
International Road Federation; DOT FHWA  
01/01/1994  
\*1/2" VHS, 21 min.; booklet included. Shows how to develop an effective traffic

control plan. It follows the process from pre-planning, through the actual design and writing, the implementation, evaluation, and even revision.

- AV-V078**      **Devices**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 18 min. Accompanied by two guides: Understanding technical requirements and applications of traffic control devices.
- AV-V079**      **Distributor: Preventive Maintenance & Operations**  
Northwest T2 Center  
10/01/1985  
1/2" VHS, 36 min. This tape covers the basics of preventive maintenance and operation of a 600-gallon asphalt spreader. The various safety checks before and during operations are identified.
- AV-V080**      **Drainage Pipe Placement**  
Pennsylvania Dept. of Transportation  
1/2" VHS, 15 min. Focuses on the installation procedures for drainage pipe: Planning, Excavating, Placing Pipe, and Backfilling. Also contains information on determining slope.
- AV-V081**      **Driver Daily Maintenance of Light Vehicles**  
International Road Federation  
\* 1/2" VHS, 16 min. This video shows how to perform proper daily preventative maintenance procedures on light vehicles such as pick-ups and station wagons.
- AV-V082**      **Drum Mixer Plant Maintenance**  
Video University Productions  
01/01/1992  
\*1/2" VHS, 60 min. Video presents cost saving steps for the most efficient operation of a drum mixer plant.
- AV-V083**      **Dump Trucks: Ten Wheel and Six Wheel**  
Delaware Dept. of Transportation  
1/2" VHS, 16 min. Video covers the operation and daily preventive maintenance for the ten-wheel and six-wheel dump trucks.
- AV-V084**      **DuraPatcher**  
Video Images  
\*1/2" VHS, 15 min. Video describes the DuraPatcher system of Duraco Industries that is used for patching potholes using aggregate and asphalt emulsion.
- AV-V085**      **Dust Control 1989**  
Dow Chemical Company  
01/01/1989  
\* 1/2" VHS, 16 min. Using Liquidow Calcium Chloride to control dust and reduce maintenance cost.
- AV-V086**      **Dynapac HR 21 Plex System**  
Dynapac

\* 1/2" VHS, 5 min. Dynapac has developed the Pavement Life Extender System, HR21 PLEX, which is a single machine with bitumen binder, aggregate, and roller. Dispersment of binder and aggregate is done by one employee using computerized controls. Equipment reduces labor and costs.

- AV-V087**      **Early Opening of Full-Depth Concrete Repairs**  
Strategic Highway Research Program  
06/01/1994  
1/2" VHS, 10 min. This video reviews fast track operations for full-depth concrete repairs. Planning, scheduling, and evaluating are covered in the video. Accompanied by a manual: SHRP-C-412.
- AV-V088**      **Economic Analysis to Select Repair Strategies: Life Extension**  
Metropolitan Transportation Commission  
03/01/1987  
\* 1/2" VHS. A pavement management training video that addresses economic analysis for selecting repair strategies and also looks at life extension.
- AV-V089**      **Economic Analysis to Select Repair Strategies: Maintenance and Rehabilitation Strategies, Life Cycle Cost Analysis**  
Metropolitan Transportation Commission  
03/01/1987  
\* 1/2" VHS. A pavement management training video that focuses on maintenance and rehabilitation strategies, and life cycle cost analysis.
- AV-V090**      **Effective Snow Fences: Benefits of Snow Fences, Key Elements of Snow Fences**  
Strategic Highway Research Program  
\* 1/2" VHS, 21 min. Accompanied by Manual: Snow Fence Guide(SHRP-W-FR-91-106). Snow fences are cost effective, make roads safer, and prevent pavement damage when properly designed and placed. See also SHRP Product Alert 3.
- AV-V091**      **Emergency Relief**  
DOT FHWA  
03/01/1989  
1/2" VHS, 17 min. This tape covers the emergency relief program for federal-aid highways.
- AV-V092**      **Engineers: Turning Ideas into Reality**  
National Engineers Week Committee  
\*1/2" VHS, 9 min. Shows what an engineer does and the wide range of opportunities open to an engineer.
- AV-V093**      **Environmental Protection Issues**  
SNI International Resources, Inc.  
01/01/1993  
\*1/2" VHS, 15 min. Accompanied by text, "Environmental Protection Procedures." Discusses the environment as it impacts project sites and the required documentation. The documentation is useful for communicating with project personnel and explaining certain procedures.

- AV-V094**            **Equipment Maintenance Programming and Scheduling**  
Montana State University  
01/01/1983  
1/2" VHS, 46 min. This tape stresses the importance of proper programming and scheduling of maintenance. It shows a system for maintaining an inventory of parts with examples. Emphasis is on good bookkeeping and proper paperwork by operators, mechanics, and others.
- AV-V095**            **Equipment Management System**  
DOT FHWA  
11/01/1985  
1/2" VHS, 40 min. This tape presents material to assist managers in developing and implementing management techniques.
- AV-V096**            **Equipment Operation & Maintenance; Loader Operation parts 1, 2, & PM-A & B; Motor Grader Operation parts 1, 2, 3, & PM-A**  
Utah Dept. of Transportation  
01/01/1989  
1/2" VHS, 120 min. Manual: TE223.U82 1989 The tape presents methods and procedures for proper operation and maintenance of equipment. It also presents specific methods and procedures for operating and maintaining the motor grader and loader.
- AV-V097**            **Everyone Pays for Potholes**  
Cornell University  
01/01/1986  
1/2" VHS, 27 min. Bad roads increase vehicle operating costs and cause one-fifth of the accidents on our nation's highways. Tape calls attention to the problems of road deterioration and motivates the audience to apply solutions.
- AV-V099**            **Extending the Bituminous Pavement Construction Season**  
DOT FHWA  
1/2" VHS, 17 min. Air and asphalt conditions were monitored during bituminous pavement construction in cold weather. It is possible to extend the pavement construction season.
- AV-V100**            **FHWA Test Road: Construction of an Instrumented Test Pavement**  
DOT FHWA  
12/29/1989  
1/2" VHS, 12 min. A section of road was instrumented for testing pavement performance. Factors to be tested were equivalency factors, dynamic effects, and verification of layer theory.
- AV-V102**            **Finding Better Ways: New Research into Cost-Effective Pavement Repairs**  
Roy Jorgensen Associates, Inc.  
01/01/1992  
\*1/2" VHS, 19 min. SHRP reports on research conducted on the best materials and procedures for the four repair categories: pothole repair, spall repair, crack sealing, and joint filling and sealing. Also described is SHRP's long term pavement performance (LTPP) project.

- AV-V103**            **First on the Scene**  
 AAA Foundation for Traffic Safety  
 \* 1/2" VHS, 21 min. This videotape shows a mock accident and how a first responder should handle the situation to reduce injury to people.
- AV-V104**            **Fit for the Road: Evaluating the Health of Commercial Truck Drivers**  
 Idaho Dept. of Law Enforcement  
 \* 1/2" VHS, 20 min. Video has information for examining physicians, informing them of the physical and emotional demands placed on commercial motor vehicle drivers.
- AV-V105**            **Flagger, The**  
 Washington State Dept. of Transportation  
 1/2" VHS, 43 min. Defines the importance of proper flagging techniques for roadway traffic.
- AV-V106**            **Flagging**  
 Traffic Education & Consulting Services  
 01/01/1994  
 \*1/2" VHS, 14 min. Accompanied by two Guides: Proper flagging procedures in various types of traffic situations.
- AV-V107**            **Flagging and the Flagger**  
 Pennsylvania Dept. of Transportation  
 12/30/1987  
 1/2" VHS, 19 min. This video covers double and single flagger operations, intersection traffic control, and emergency flagging.
- AV-V108**            **Flagging Operations and Procedures**  
 South Carolina Dept. of Highways & Public Transportation  
 01/01/1993  
 \*1/2" VHS, 23 min. Provides proper flagging procedures for six different work zone situations. Also covers supervisor's responsibilities.
- AV-V109**            **Flagging Procedures and Operations; Flagging: Monitoring, Maintenance, and Record Keeping**  
 Minnesota Dept. of Transportation  
 1/2" VHS, 14 min, 16 min. The video covers flagging equipment, flagging station, flagging procedures and operations, and safety.
- AV-V110**            **Flagging: Work Zone Traffic Control**  
 Pennsylvania Dept. of Transportation  
 01/01/1982  
 1/2" VHS, 15 min. The four main duties of the flagger is to protect lives, guide traffic, ease traffic flow, and provide information to motorists. The video covers the proper clothing, equipment and flagging operations of the flagger.
- AV-V111**            **Flagman, The**  
 DOT FHWA; Utah Dept. of Highways  
 1/2" VHS, 35 min. Reviews the procedures for flagging and the use of traffic control signs and equipment in work zones.

- AV-V113**            **Flagperson Certification**  
 Virginia Dept. of Transportation  
 01/01/1996  
 \*1/2" VHS, 13 min. Accompanied by an ATSSA Flagging Handbook, a test, and flagging guidelines. The video covers the basic flagging procedures and is used to certify Virginia flaggers.
- AV-V114**            **For Safety's Sake**  
 Texas A & M University  
 01/01/1985  
 \* 1/2" VHS, 9 min. Shows the V-Lock post support system for signs and mailboxes.
- AV-V115**            **Freeze-Thaw Testing**  
 Strategic Highway Research Program  
 06/01/1994  
 1/2" VHS, 25 min. Freezing and thawing is one cause of concrete deterioration. This video covers the causes and prevention of freeze/thaw and conventional and new tests. Accompanied by a manual: SHRP-C-413.
- AV-V116**            **From: Theory, To: Traffic. Modern Timber Bridges**  
 Constructed Facilities Center  
 02/18/1992  
 \*1/2" VHS, 28 min. The Pennsylvania DOT used glue laminated hardwood for a bridge demonstration project. The video covers the design, research, selection, fabrication, construction, and evaluation of the project.
- AV-V117**            **Full-Depth Repair of Jointed Concrete Pavement**  
 Strategic Highway Research Program  
 06/01/1994  
 1/2" VHS, 18 min. This video covers the following topics: distresses requiring full depth repair, field survey, transverse joint design, materials, and repair processes. Accompanied by a manual: SHRP-C-412.
- AV-V118**            **Functional Requirements of Highway Safety Features**  
 DOT FHWA  
 01/01/1990  
 5 Videos, 1/2" VHS. I. Introduction, & Clear Zone Concept 30:00; Standard Barriers 45:52. II. End Treatments 43:28; Pavements & Shoulders 32:59. III. Drainage Structures 34:30; Breakaway Supports 33:35; Crash Cushions 37:25. IV. Roadside Cross Section 24:47; Signs, Marking & Delineation 43:00; Traffic Control Devices 24:24. V. Informational Video 24:25.
- AV-V120**            **GIS: Government's Information Solution**  
 Urban and Regional Information Systems Assn.  
 01/01/1990  
 \*1/2" VHS, 17 min. 10 Brochures. Focuses on the benefits and applications of Geographic Information Systems. Intended for elected officials and high level managers in local government.
- AV-V121**            **Good Driving Is an Attitude**  
 Safety Shorts Production Inc.

01/01/1990

\*1/2" VHS, 5 min. Attitude can affect driving behavior. This video demonstrates the importance of driving responsibly and safely.

**AV-V122**

**Gradall**

Delaware Dept. of Transportation

1/2" VHS, 25 min. A truck mounted excavator. The video covers general information, start up checks, basic operation, and shutdown.

**AV-V123**

**Guardrail Installation and Repair**

Alaska Technology Transfer Program; Northwest T2 Center

01/01/1989

1/2" VHS, 20 min.; 1 pamphlet. It points out the evolution of guardrail standards, the elements of guardrail standards, and the elements of a typical W-beam guardrail and its proper installation. It also covers guardrail ends and guardrail repair.

**AV-V124**

**Guidelines for Spring Highway Use Restrictions**

Washington State Dept. of Transportation; DOT FHWA

01/01/1987

1/2" VHS, 26 min. Text Supplement: FHWA-TS-87-209. Frost heaves and pavement weakening can occur when water gets in the pavement structures in the spring. The video addresses guidelines for restricting loads, which is a more economical solution.

**AV-V125**

**Guidestar**

Minnesota Dept. of Transportation

\*1/2" VHS, 9 min. Guidestar is Minnesota's Comprehensive IVHS program.

Initially the program has focused on traffic management, traveler information systems, and public transportation systems.

**AV-V126**

**Hardwood Anyone?**

Pennsylvania Dept. of Transportation

12/16/1988

1/2" VHS, 10 min. This tape emphasizes the advantages of hardwood as a building material for local bridges.

**AV-V127**

**Hazards of Hurry**

Caterpillar Company, Inc.

01/01/1989

\* 1/2" VHS, 21 min. This videotape emphasizes backhoe loader safety tips for operators. Typical backhoe accidents caused by human tendency to "hurry up" are shown. It also discusses preventive maintenance & safe operating procedures for operators.

**AV-V129**

**Heavy Vehicle Management: The Evolution of Technologies and Applications**

Motor Carrier Services Subcommittee

\*1/2" VHS, 13 min. The video presents the issues and trade offs of heavy vehicle management programs. It looks specifically at the HELP system. HELP = Heavy Vehicle Electronic License Plate.

- AV-V130**      **Help 1-2; Time; Heavy Vehicle Management; SCATS-Sydney; SCATS Melborne; Signalen Boven Deweg; Hanshin Expressway**  
 12/01/1989  
 1/2" VHS; 9 Programs. Information about innovations in the vehicle identification and control fields.
- AV-V131**      **Here's How A Hot Mix Plant Works**  
 Video University Productions  
 01/01/1992  
 \*1/2" VHS, 55 min. This video begins with cold feed and is followed by the batch and drum mix plant process, the exhaust system, and ends with load out.
- AV-V132**      **Here's How Roads Are Built**  
 Video University Productions  
 01/01/1993  
 \* 1/2" VHS, 14 min. A video for children that shows the steps, materials, and equipment used in road building.
- AV-V133**      **Highway Capacity: Level of Service and Characteristics of Traffic Flow for Local Government Officials**  
 Delaware Dept. of Transportation  
 01/01/1989  
 1/2" VHS, 15 min. Presents concepts and definitions of traffic flow and operations for all types of highways and intersections.
- AV-V134**      **Highway Maintenance Overview, Traffic Control Work Areas, The Flagger, Traffic Control in Moving Operations,**  
 Utah Dept. of Transportation  
 01/01/1989  
 1/2" VHS; Manual: TE223.U82 1989; Remainder of Title: Traffic Control in Maintenance Work Areas. This tape presents an overview of highway maintenance and includes procedures for traffic control in maintenance and construction work areas.
- AV-V136**      **Highway Safety Program. Highway Safety: the Silent Factor**  
 DOT FHWA  
 03/01/1987  
 1/2" VHS, 44 min. I. The first part highlights advances in highway safety engineering. (30 min.). II. The Infomercials cover: breakaway devices, railroad-highway crossings, acceleration lanes, pavement markings, crash cushions, pedestrian signals, new symbol signs, and highway barriers. (14 min.).
- AV-V138**      **Hot In-Place Recycling: New Technology for Old Roads**  
 Pyrotech Asphalt Equipment Manufacturing Co. Ltd.  
 01/01/1992  
 \*1/2" VHS, 10 min. Presents information on a relatively new process for hot in-place recycling. Accompanied by literature: Hot In-Place Asphalt Recycling.
- AV-V139**      **Hot Mix Asphalt Construction Promotional Video Joint AASHTO, FHWA, Industry Training Committee on Asphalt**  
 National Asphalt Pavement Assn.

01/01/1993

\*1/2" VHS, 11 min. Describes a training program on hot mix asphalt construction.

- AV-V140**      **How to Avoid Being Sued and Have a Better Chance of Winning If You Are**  
University of Kentucky  
06/11/1986  
1/2" VHS. A televideo seminar on risk management and tort liability. Presents practical and legal steps to follow if sued. 6 parts.
- AV-V141**      **How To Be an Effective Expert Witness**  
University of Kentucky  
01/01/1985  
1/2" VHS, 3 cassettes. A televideo course on being an expert witness.
- AV-V142**      **How to Get More Out of Your Motor Grader**  
John Deere Training Center  
\* 1/2" VHS, 25 min. Provides detailed field demonstrations, with narration on the use of the motorgrader to build and maintain gravel roads, ditches, and slopes.
- AV-V144**      **How To Prevent Segregation**  
Video University Productions  
01/01/1992  
\*1/2" VHS, 26 min. Illustrates how segregation occurs and how to prevent it, everywhere in the plant and during laydown operations.
- AV-V145**      **How We Pay for America's Roads**  
NAPA Education Foundation Inc.  
01/01/1990  
\* 1/2" VHS, 12 min. Brochures & Program Guide. Oversize. The program teaches participants how roads are financed at all government levels and presents the current condition of roads and its impact. Intended for high school or college students.
- AV-V146**      **Hydrated Lime: Key to Improved Asphalt Pavements**  
National Lime Assn.  
1/2" VHS, 21 min. Discusses the use and benefits of hydrated lime in asphalt pavements. The process for adding lime to the aggregate is presented.
- AV-V147**      **Hydraulic Truck Conveyor**  
H.T.C. Manufacturing  
\* 1/2" VHS; 9 min. Accompanied by product brochures. Demonstrates a dump truck attachment that allows side distribution of loads through a conveyor belt.
- AV-V151**      **Idea Store 1**  
Pennsylvania Dept. of Transportation  
01/01/1989  
1/2" VHS, 8 min. Contents: Level for Checking Road Crown, 'No Hands' Hand Level, Storage Rack for Snow Plow Blade, Identifying Highway Signs.
- AV-V152**      **Idea Store 2**

Pennsylvania Dept. of Transportation  
05/01/1989  
1/2" VHS, 13 min. Contents: Easy Blade Changing for a MotorGrader, Tips on Work Zone Traffic Control, Evaluation of Aggregate Loss, Winter Service and Junk Day Brochures, Better Beaver Baffler

**AV-V153**

**Idea Store 3**

Pennsylvania Dept. of Transportation  
11/24/1989

1/2" VHS, 10 min. Subjects covered are 2 different types of lifters for changing plow blades; the proper way to remove and store locking pin on the articulated loader from within the cab; a pamphlet on daily maintenance of motorgraders; a yard cleaner for removing metal; the use of precast wall units to eliminate stream erosion; and patching using a box mounted on the front of a motor grader.

**AV-V154**

**Idea Store 4**

Pennsylvania Dept. of Transportation  
06/06/1990

1/2" VHS, 10 min. Subjects covered are water runoff on rural roads; slush and ice build-up on snow removal equipment; road resurfacing; minimizing aggregate loss; use of discarded tires; and portable road closed sign display.

**AV-V155**

**Idea Store 5**

Pennsylvania Dept. of Transportation  
03/26/1991

1/2" VHS, 11 min. Innovative ideas that include the importance of the hard hat, proper tire inflation, the importance of communication between the highway dept. and the public, an "adopt-a-sign" program. Audience: Selectmen, public works personnel, road commissioners.

**AV-V156**

**Idea Store 6**

Pennsylvania Dept. of Transportation  
09/01/1991

1/2" VHS, 17 min. Roadside wild flowers, effective signs, PA-DOT's Road Scholar Program, safety promotion, etc..

**AV-V157**

**Idea Store 7**

Pennsylvania Dept. of Highways  
08/01/1992

1/2" VHS, 10 min. Covers innovations in the following areas: Curb Scraper, Dump Truck Air Foil, Timber Bridge Info., Delaway/Chester P.W.A. and their Ideas, and Better Cylinder Wrench.

**AV-V158**

**Idea Store 8**

Pennsylvania Dept. of Transportation  
08/01/1993

\*1/2" VHS, 10 min. This video covers medical alert information placed inside hard hats; winter driving safety program; a snow plow wing cart; and a flashing light when fuel truck is in the garage so no welding will occur.

- AV-V160**            **Installation, Inspection, and Maintenance of Worksite Traffic Control Devices**  
International Road Federation; DOT FHWA  
01/01/1994  
\*1/2" VHS, 24 min. Booklet included. Covers the installation, inspection, and maintenance of traffic control devices at a basic work site based on a traffic control plan.
- AV-V161**            **International Public Works: Congress and Equipment Show 1990 St. Louis, Missouri. Sept. 1990**  
International Public Works Assn.; American Public Works Assn.  
09/01/1990  
\* 1/2" VHS, 8 min. A promotional video on the upcoming 1990 conference. Highlights the conference program: tours, presentations topics, and exhibits.
- AV-V162**            **International Traffic Systems**  
International Traffic Systems  
\* 1/2" VHS, 27 min, 15 min. Describes the operation, use, and features of portable traffic signals developed by International Traffic Systems. A demonstration follows the main description.
- AV-V163**            **Intersection Work**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 12 min. Accompanied by two guides: Procedures to increase safety at narrow types of intersection work zones.
- AV-V164**            **Introduction to Asphalt Materials**  
St. Michael's College, VT Transportation Information Exchange  
09/01/1983  
1/2" VHS, 26 min. This tape explains the basic types of asphalt, ways to liquify asphalts, the various types of asphalt emulsions and why they are used, and where asphalts come from.
- AV-V165**            **Introduction to Bridge Inspection**  
Oregon Dept. of Transportation; DOT FHWA  
01/01/1985  
1/2" VHS, 3/4" VHS, 25 min. The introductory part explains the 1978 Surface Transportation Assistance Act in regard to mandatory inspection of all bridges in a two-year cycle. The inspection forms are explained and the two-rating cycle is defined. Safety is also emphasized.
- AV-V166**            **Introduction to Low Speed Traffic Control**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 12 min. Accompanied by two guides: Fundamentals of low speed traffic control including visibility, advanced warning, and control.
- AV-V167**            **Introduction to the Rehabilitation of Highway Concrete**  
Strategic Highway Research Program  
06/01/1994

1/2" VHS, 10 min. This video provides an overview of rehabilitation techniques for concrete pavements and bridge decks. New concrete mixes that dry quickly are also described. Accompanied by a manual: SHRP-C-412.

- AV-V168**                    **IVHS Technologies for Transportation**  
DOT FHWA  
06/01/1992  
1/2" VHS, 14 Min. A general overview of Intelligent Vehicle Highway Systems (IVHS). It describes IVHS, the five program areas, and several ongoing operational tests.
- AV-V169**                    **IVHS: A Smart Choice**  
DOT FHWA  
05/01/1990  
1/2" VHS, 13 min. The video discusses the 4 major elements of IVHS: Advanced traffic management systems, advanced driver information systems, commercial vehicle operation, and advanced vehicle control systems.
- AV-V171**                    **Lime: The Versatile Stabilizer in Construction**  
National Lime Assn.  
04/01/1988  
\* 1/2" VHS, 26 min. This tape describes the various applications of lime as a stabilizing agent in roadway construction. The primary emphasis is given to a discussion and illustration of lime in stabilizing plastic clay soils for road subgrade preparation.
- AV-V172**                    **Load and Resistance Factor for Highway Bridge Design**  
DOT FHWA, National Highway Institute  
03/01/1995  
10 tapes, 1/2" VHS. A 5-day course developed in support of AASHTO's adoption of the specification for Load and Resistance Factor Design (LRFD) for highway bridges. Topics covered: (1) Introduction of the new LRFD Bridge Design Code. (2) Loads, load factors, load combinations, and methods of structural analysis. (3) Concrete structures. (4) Steel structures. (5) Abutments, piers, and walls. Designed for structural design engineers and administrators responsible for highway bridge design.
- AV-V173**                    **Loader**  
Delaware Dept. of Transportation  
1/2" VHS, 31 min. 3 parts cover daily checks and operations: Startup, shutdown, basic maneuvering, stockpiling, and loading trucks.
- AV-V174**                    **Loader Operation - Parts I and II**  
Northwest T2 Center  
10/01/1985  
2, 1/2" VHS, 35 min. These videos cover the essentials for developing basic skills in loader operation.
- AV-V175**                    **Loader-Backhoe Safety: Operator Safety**  
Talus Resources  
01/01/1991

1/2" VHS, 20 min. The video illustrates loader-backhoe safety for operators. The tape covers common mistakes and accidents with these machines, as well as loading, transporting, utility danger and rollover accidents.

- AV-V176**      **Loader-Backhoe Safety: Worker Safety**  
Talus Resources  
01/01/1993  
1/2" VHS, 20 min. Provides a set of guidelines for the safe operation of the loader-backhoe for the many trades that use the equipment daily.
- AV-V177**      **Low Speed Lane Closures**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 15 min. Accompanied by two Guides: Standard and alternative approaches to low speed lane closures including closure in limited areas.
- AV-V180**      **Mailboxes May Be Hazardous to Your Health**  
DOT FHWA; Texas State Dept. of Highways & Public Transport.  
03/01/1989  
1/2" VHS, 14 min. Suppl. This tape presents testing results on the location and type of support for mailboxes along highways to minimize damage and injury.
- AV-V181**      **Maintaining Asphalt Roads: Blade Patching**  
New Mexico State Highway and Transportation Dept.  
01/25/1993  
1/2" VHS, 12 min. The use of motorgraders in patching asphalt pavements is covered.
- AV-V182**      **Maintaining Gravel Roads in Arkansas**  
Arkansas Center for Technology Transfer  
1/2" VHS, 29 min. Intended for road foremen and grader operators. It covers motor grader operation, drainage requirements, crown and super-elevated compaction, and other aspects pertaining to maintaining gravel roads.
- AV-V183**      **Maintenance Management System**  
DOT FHWA  
11/01/1985  
1/2" VHS, 35 min. Accompanied by Instructor's Guide: FHWA-RT-88-034. How to develop, implement, evaluate, administer, insure quality control, and update a highway/street and right-of-way management system.
- AV-V184**      **Maintenance Supervisor's Responsibilities; Patch PCC with PCC, Patch PCC with Bituminous Materials;**  
Utah Dept. of Transportation  
01/01/1989  
1/2" VHS, Manual: TE223.U82 1989; Remainder of Title: PCC Crack and Joint Sealing. This tape presents methods and procedures for the maintenance of Portland cement concrete pavements.
- AV-V185**      **Manager as Coach: A New Concept in Management Training**  
Career Track Publications

01/01/1993

\*1/2" VHS, 1 hr., 22 min.; 1 hr., 10 min.; 1 hr., 7 min. Accompanied by a workbook. 3 volumes. Vol.1 -- Describes six coaching steps that will maximize your management impact. Vol.2 -- Describes the skills used to build teams. Vol.3 -- Describes ways of motivating and disciplining your people.

**AV-V186**

**Managing Risks in a Risk Taking Society Part 1 and 2**

University of Kentucky

11/06/1986

2 tapes: 1/2" VHS, 3/4" Beta, 74 min. Seminar on risk management.

**AV-V187**

**Marafi Filter Fabric; Better Roads With Petromat**

Fiber Industries, Inc.; Phillips 66.

01/01/1985

\* 1/2" VHS, 2 parts. 16 min. Explains how geotextiles work and demonstrates their use.

**AV-V188**

**Markings and Islands**

International Road Federation; DOT FHWA

01/01/1994

\*1/2" VHS, 19min. Includes booklet. The information in this program is based on the M.U.T.C.D. This video covers the design and application of markings and islands.

**AV-V189**

**Master Plan for Safe Trucks and Buses**

DOT FHWA

01/01/1991

1/2" VHS Video, 11 min. The video highlights the safety programs of FHWA for trucks and buses. Programs include driver's safety, vehicle safety, carrier safety, enforcement, and national information networks. Accompanied by Brochure (REF-Brochures).

**AV-V190**

**Materials Sampling and Testing**

Northwest T2 Center

10/01/1985

1/2" VHS. 55 min. Explains in detail the equipment needed and the process for the following tests: AASHTO T-99; Moisture Density, 5.5 lb. Rammer, and AASHTO T27; Fine/Coarse Aggregate Sieve Analysis.

**AV-V191**

**Mechanical Cleaning of Unlined Ditches**

International Road Federation

\* 1/2" VHS, 19 min. Mechanical cleaning procedures with a motorgrader and with an excavator are presented. The video reviews ditch structures and function as well as selection of equipment and proper work steps.

**AV-V192**

**Minnesota I-90 Recycling**

Portland Cement Assn.

\* 1/2" VHS, 16 min. A portion of I-90 in Minnesota was reconstructed by recycling the concrete pavement. It was repaved using 50% recycled coarse aggregate and 50% virgin sand.

- AV-V193**      **MN/DOT On the Move: Recycling "D" Cracked Concrete Pavement Trunk Highway 59- Minnesota**  
Portland Cement Assn.  
11/01/1984  
\* 1/2" VHS, 13 min. D-cracked concrete pavement was recycled on a Minnesota highway. Part of the recycled material was used for base stabilization and shoulder aggregate, while other was used for the pavement. Video gives the reasons for consideration of concrete recycling.
- AV-V194**      **Mobility: The Fifth Freedom**  
Highway Users Federation for Safety and Mobility  
\*1/2" VHS, 14 min. The need for a national highway program is explained and illustrated.
- AV-V195**      **Modern Timber Bridges: A New Return for Old New England**  
Rhode Island Resource Conservation and Dev. Area, Inc.  
\*1/2" VHS, 15 min. Foster, Rhode Island, bridge replacement project shows how timber bridges are built. Local resources and local skill can be used to build timber bridges, which are not affected by moisture or road salts.
- AV-V196**      **Motor Grader Operation - Parts 1,2,3**  
Delaware Dept. of Transportation; Washington Dept. of Trans.  
10/01/1985  
3 videos, 1/2" VHS, 17, 16, 21 min. These tapes are designed to teach motorgrader operation to new employees with no grader experience. Emphasis is placed in daily preventative maintenance, starting up and shutting down the engine, blade positions, basic maneuvering, and operating techniques.
- AV-V197**      **Motor Graders**  
Nebraska Dept. of Roads  
1/2" VHS, Covers all aspects of operating a motor grader, including start up, shutdown, blade positions, maneuvering, and operating techniques.
- AV-V198**      **Moving and Mobile Operations**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 9 min. Accompanied by two Guides: Protecting workers in operations that move quickly.
- AV-V199**      **Moving Transportation into the Information Age**  
DOT; Intelligent Transportation Society of America  
01/01/1994  
\*1/2" VHS, 12 min. This video explains how Intelligent Transportation Systems can move people and goods; quicker, safer, and cleaner.
- AV-V200**      **Mowers, Parts I & II**  
Nebraska Dept. of Transportation  
1/2" VHS, 15 & 20 min. These tapes cover the daily maintenance and operation of industrial tractors and rotary mowers.
- AV-V201**      **Multiple Choice**

Caterpillar Company, Inc.  
\* 1/2" VHS, 24 min. This videotape deals with safety and heavy equipment operation. Six accident scenarios are evaluated.

- AV-V202**      **Municipal Compost Technique**  
Video University Productions  
01/01/1993  
\* 1/2" VHS, 47 min. Shows how an Arizona community composts fifteen tons of sewage sludge and solid waste daily. Appropriate for professionals and community groups.
- AV-V203**      **Mustang Grease and Sludge Jettors**  
Mustang Units Company  
01/01/1989  
\* 1/2" VHS, 13 min. Includes printed information. OVERSIZE. Demonstrates Mustang Units jettors which removes blockages and cleans drain pipes.
- AV-V204**      **National Transportation Policy: Moving America into the 21st Century**  
DOT  
03/01/1990  
1/2" VHS, 11 min. The new national transportation policy is explained. The policy is a strategy to deal with America's transportation needs into the 21st century.
- AV-V205**      **Network Definition**  
Metropolitan Transportation Commission  
10/01/1986  
\* 1/2" VHS, 73 min. A pavement management course in which this part defines the road network and gives the procedures for establishing the network.
- AV-V206**      **New Directions in Sign Management**  
American Traffic Safety Services Administration  
\* 1/2" VHS, 17 min. A general discussion of the importance of a good sign management program of inventory, evaluation, and scheduled replacement.
- AV-V207**      **New Highway Barrier**  
International Barrier Corp.  
09/01/1988  
\* 1/2" VHS, 25 min. Demonstrates the components, assembly, and performance of a barrier system that is filled with sand. It is easily assembled, safe, and can be permanent or temporary.
- AV-V209**      **New Work Zone Safety Devices**  
Strategic Highway Research Program; Roy Jorgensen Associates  
01/01/1992  
1/2" VHS, 17 min. SHRP developed, tested, and implemented a variety of work zone traffic control devices. Video covers warning devices, portable speed bumps, delineation devices, lighting devices, signs, flagging, and barrier devices.
- AV-V210**      **Nighttime Traffic Control**  
American Traffic Safety Services Assn.  
\* 1/2" VHS, 18 min. This tape highlights dangers inherent in traffic through

nighttime work zones.

- AV-V211**      **No Nonsense CDL: A Drivers Guide to the CDL Exam**  
CDL Systems Inc.  
01/01/1989  
\* 1/2" VHS, 3 parts. A training video for the Commercial Driver's License
- AV-V212**      **Not a Toy: Dump Truck Preventive Maintenance: Daily Inspection**  
Texas State Dept. of Highways and Public Transportation  
01/01/1988  
1/2" VHS, 12 min. Explains the preventive maintenance procedures for a dump truck. A check list is provided with corrective measures if defects are found.
- AV-V213**      **Off-Tracking**  
California Dept. of Transportation  
10/01/1986  
1/2" VHS, 12 min. Demonstrates how different truck combinations off-track when turning.
- AV-V215**      **Olympic Video**  
Georgia Technical University  
07/24/1991  
\*1/2" VHS Video, 11 min. Atlanta, Georgia's electronic invitation to host the 1996 Olympics. Uses a variety of audio-visual technologies. Revised 03/01/91.
- AV-V216**      **On the Road to a Safer Tomorrow RTAP National Teleconference  
November 15, 1989**  
DOT FHWA Rural Technical Assistance Program  
11/15/1989  
1/2" VHS, 3.5 hours. An RTAP national teleconference on tort liability, planning a safety program, work zone traffic control, and commercial drivers license.
- AV-V217**      **Open Roads: a Look at Freeway Incident Management**  
DOT FHWA  
03/01/1991  
1/2" VHS, 19 min. A non-technical presentation of the current state-of-the-art practice of freeway incident management. The video depicts the severity of the incident problem and offers solutions. Intended for top-level management, elected officials, and citizen groups.
- AV-V218**      **Operator Daily Maintenance of Asphalt Distributors**  
International Road Federation  
\* 1/2" VHS, 15 min. This video covers the daily preventive maintenance requirements and procedures for asphalt distributors.
- AV-V219**      **Operator Daily Maintenance of Crawler Tractors**  
International Road Federation  
\* 1/2" VHS, 19 min. All necessary daily preventive maintenance activities from the start to the end of the operating day are demonstrated.
- AV-V220**      **Operator Daily Maintenance of Dump Trucks**

International Road Federation  
\* 1/2" VHS, 18 min. Demonstrates step-by-step daily maintenance procedures for dump trucks, from pre-start to shut-down.

**AV-V221 Operator Daily Maintenance of Front-End Loaders**

International Road Federation  
\* 1/2" VHS, 18 min. The video demonstrates how to correctly carry out four groups of daily maintenance on the front end loader.

**AV-V222 Operator Daily Maintenance of Motorgraders**

International Road Federation  
\* 1/2" VHS, 20 min. This video shows all the proper daily maintenance procedures for motorgraders. Covers the pre-start check, warm-up check, daily operating check, and the shut-down check.

**AV-V223 Operator Daily Maintenance of Rollers**

International Road Federation  
\* 1/2" VHS, 20 min. The procedures covered include the pre-start check, warm-up check, daily operations check, and shut-down activities for rollers (steel wheel, pneumatic tire, and vibratory).

**AV-V224 Paradigm Pioneers**

Chart House International Learning Corporation  
01/01/1992  
\*1/2" VHS, 30 min. LOAN TO KTC STAFF ONLY. Paradigm pioneers anticipate change and innovation. They drive the new paradigm into acceptance. Paradigm pioneers have three characteristics: they know when a new concept has great potential, they have the courage to act on it, and they commit time and perseverance to the concept. To thrive in the 21st century, we must be paradigm pioneers.

**AV-V225 Parking Lane/Shoulder Work**

Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 12 min. Accompanied by two Guides: Safety practices and procedures for parking lane and shoulder work zone.

**AV-V226 Partial-Depth Repair of Concrete Pavement**

Strategic Highway Research Program  
06/01/1994  
1/2" VHS, 15 min. Partial-depth repair is used for distresses in the upper third of the pavement. Distresses include spalls at joints and at mid-slab. Materials and the repair processes are covered in the video. Accompanied by a manual: SHRP-C-412.

**AV-V227 Partners for Safety: An Introduction to the Safety Management System**

DOT FHWA; DOT NHTSA; Video Editing Services, Inc.  
1/2" VHS, 8 min. The interaction of drivers, vehicles, and roads often results in accidents and fatalities. To make highways safer requires a safety management program and teamwork by engineering, education, enforcement, and emergency

response.

- AV-V228**      **Partners In Safety**  
Northwest T2 Center  
1/2" VHS, 12 min. This video emphasizes the cooperation needed between motorists and highway workers for everyone's safety. It covers the procedures, signs and equipment for traffic control in work zones.
- AV-V229**      **Passion for Customers**  
Video Publishing House Inc.  
01/01/1987  
\* 1/2" VHS, 67 min. Loan to KTC Staff only. A video about providing quality service to customers. Case studies/examples are shown. Accompanied by a Viewer's Guide.
- AV-V230**      **Patching Unpaved Roads**  
International Road Federation  
01/01/1988  
\* 1/2" VHS, 11 min., suppl. The manual method is described for repairing surface defects such as potholes, ruts, and soft spots on unpaved roads. A quick test for moisture is also described.
- AV-V231**      **Patching with Hand Tools; Maintain Non-Hard Surfaces; Permanent Pothole Patching; Bituminous Surface Replacement;**  
Utah Dept. of Transportation  
01/01/1989  
1/2" VHS, Manual: TE223.U82 1989; Remainder of Title: Temporary Pothole Patching; Lane Leveling Bituminous Surfaces; Sealing Cracks; Bituminous Seal Coat, I and II; Base Repair.
- AV-V232**      **Pavement Management Systems for Local Administrators 1990**  
DOT FHWA  
01/01/1990  
1/2" VHS, 17 min. Overview of requirements and expected benefits of a pavement management system. The use of a computer is assumed.
- AV-V233**      **Pavement Marking Inspection: Traffic Paint**  
American Traffic Safety Services Assn.  
01/01/1992  
\*1/2" VHS, 15 min. Brochure. This video describes the inspection and quality control measures needed to ensure proper application of traffic paint. Common problems, materials, general responsibilities of the inspector, and major inspection points are covered. Brochure Title: Inspector's Guide to Pavement Markings.
- AV-V234**      **Pavement Structure Repair Techniques, I**  
Institute for Transportation Research and Education; DOT FHWA  
08/01/1989  
1/2" VHS, 88 min., 25 suppl.; Maintenance of Gravel Roads; Ditch Maintenance; Pothole Patching; Crack Sealing; Basic Traffic Control.
- AV-V235**      **Pavement Structure Repair Techniques, II**

Institute for Transportation Research and Education;DOT FHWA  
08/01/1989  
1/2" VHS, 43 min., 10 Suppl.; Shoulder Maintenance; Asphalt Chip Seals.

- AV-V236**      **Paving and Compaction Training**  
Video University Productions  
01/01/1992  
\*1/2" VHS, 1hr, 43 min. This video covers paving and compaction techniques.
- AV-V237**      **Paving Techniques**  
Video University Productions  
01/01/1992  
\*1/2" VHS, 37 min. The correct asphalt paving procedures are presented.
- AV-V238**      **Pedestrian Accident Reconstruction**  
Lawyer & Judges Publishing Co.  
01/01/1994  
\*1/2" VHS, 40 min. Accompanied by text with same title (HE 5614.2.E93 1994).  
To be used in conjunction with chapter 7 of the text. Shows a series of pedestrian-  
vehicle crash tests. Intended for those in accident reconstruction.
- AV-V239**      **Pedestrian Safety: What You Can Do**  
DOT FHWA  
11/01/1989  
1/2" VHS, 9 min. An overview of pedestrian safety using the themes of  
engineering, education, and enforcement. Information is presented against a  
background of filmed traffic scenes.
- AV-V240**      **Pedestrians**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 12 min. Accompanied by two guides. Preventative safety tips to help  
reduce the unique risks of pedestrians in work zones.
- AV-V243**      **Perry County Bridge**  
WKYT-TV Channel 27 Lexington  
10/22/1987  
\*1/2", 3/4" VHS
- AV-V245**      **Plant Growth Regulators and Grounds Maintenance**  
U.S. Army Corps of Engineers  
1/2" VHS, 11 min. A video on the application of chemicals for plant growth  
regulator.
- AV-V246**      **Plow Power**  
American Public Works Assn.  
01/01/1988  
1/2" VHS, 15 min. Snow fighting is a year round operation requiring planning and  
preparation. Plow drivers need to know the route, drive defensively, and use the  
proper techniques. Plowing operations are demonstrated for roads and streets,  
intersections, and cul-de-sacs.

- AV-V247**                    **Pneumatic Tire Roller Operation**  
Delaware Dept. of Transportation  
1/2" VHS, 19 min. An introduction to the pneumatic tire roller. Covers daily checks, start up, shut down, basic operation, and rolling techniques.
- AV-V249**                    **Pothole Patcher**  
Delaware Dept. of Transportation  
1/2" VHS, 23 min. Describes a single piece of equipment called the Pothole Patcher used to repair potholes. Video covers the components, pre-trip inspection, and operations.
- AV-V250**                    **Pothole Repair**  
Minnesota Dept. of Transportation  
1/2" VHS, 56 min. This tape shows the tools and procedures for repairing potholes.
- AV-V251**                    **Pothole Repair in Asphalt Concrete Pavement**  
International Road Federation  
01/01/1988  
\* 1/2" VHS, 13 min., suppl. A 9-step procedure using proper materials, tools, and equipment. Special emphasis is placed on the proper shaping of the repair and the compaction of the mix.
- AV-V252**                    **Pothole Repair in Surface Treatment Pavement**  
International Road Federation  
01/01/1988  
\* 1/2" VHS, 13 min. Suppl. This video outlines an 8-step procedure for surface treated road repairs.
- AV-V253**                    **Potholes: Causes, Cures & Prevention**  
U.S. Army Corps of Engineers  
01/01/1985  
\* 1/2" VHS, 11 min. A discussion of the causes, cures, and prevention of potholes in road surfaces.
- AV-V254**                    **Power of Vision**  
Charthouse Learning Corporation  
01/01/1990  
\*1/2" VHS, 30 min. Explores how positive and meaningful visions of the future provide purpose and direction to the present. LOAN TO KTC STAFF ONLY.
- AV-V255**                    **Burt Rutan; Hall of Fame Award**  
Kentucky Transportation Center; University of Kentucky  
09/29/1992  
1/2" VHS, 90 min. Burt Rutan, speaks on innovations in aviation and the Kentucky Transportation Hall of Fame Award is presented to Cy Layson at TRANSPO, the 1992 Kentucky Transportation Forum.
- AV-V256**                    **Prestressed Concrete Overlay on IH35 in Texas**  
Portland Cement Assn.  
01/01/1986

\* 1/2" VHS, 17 min. A demonstration project in Texas on the design of and construction techniques for prestressed concrete overlays.

- AV-V257**      **Preventive Maintenance; 5-Yard Dump Trucks Preventive Maintenance; Dump Box Operations; Dump Truck Driving**  
New Mexico Dept. of Transportation  
01/01/1982  
1/2" VHS, 4 Parts, 10, 6, 11, 8 min. Daily preventive maintenance operations allows you to spot and correct small problems. Also covers prevention maintenance, dump box operations and driving instructions for a 5-yard dump truck. Four segments.
- AV-V258**      **Professional Flagging: Basic Principles, Procedures and Applications**  
Iowa Dept. of Transportation Policy and Information Dept.  
1/2" VHS, 47 min. Part 1: Basic Principles, 15 min.; Part 2: Basic Procedures, 14 min.; Part 3: Applications, 18 min. Thorough coverage of flagging operations. Recording quality is poor.
- AV-V260**      **Project Management**  
CareerTrack, Inc.  
01/01/1993  
\*1/2" VHS, 58 min, 79 min. Accompanied by a manual. Volume 1 - Planning and Organization; Volume 2 - Tracking, Control & Follow-Up. Describes the steps and skills required to manage a project effectively.
- AV-V261**      **Protection of Locators and Surveyors**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 9 min. Accompanied by two Guides: Safety practices and procedures to help protect workers using minimal devices.
- AV-V262**      **Public Works Equipment in Retrospect**  
Public Works Historical Society  
\* 1/2" VHS, 14 min. Examines the story of equipment technology, from horse-drawn to high-tech. Intended for public works professionals and those with an interest in the topic.
- AV-V263**      **Puff Asphalt Maintenance Systems**  
One Man Inc.  
01/01/1992  
1/2" VHS, 5 min. Describes how "Puff" patches potholes, using a single driver/operator.
- AV-V264**      **Pulvi-Mixer**  
Delaware Dept. of Transportation  
1/2" VHS, 32 min. The pulvi-mixer pulverizes damaged, paved shoulders and produces a granulated mixture. The video describes the equipment parts and how they work, and reviews daily checks, start up, operating techniques, and shutdown.
- AV-V265**      **Quality Control of Concrete On Site**

Strategic Highway Research Program

06/01/1994

1/2" VHS, 14, 17, 18, & 18 min. 4 parts. The quality of concrete must be verified before it is cast by using the quality control tests described in these four videos: Pt.1 Sampling, testing, and slump. Pt.2 Air content, unit weight, and cylinders and beams. Pt.3 and 4, new concrete monitoring and testing procedures and applications. Accompanied by a manual: SHRP-C-414.

**AV-V266**

**Quality or Else: Change to Survive: A Brand New Ball Game**

Films Incorporated

01/01/1991

\*1/2" VHS, 58 min. Accompanied by book. LOAN TO KTC STAFF ONLY. This program explores how governments, companies, managers, and workers have made, and continue to implement, drastic changes in order to survive.

**AV-V267**

**Quality or Else: How to Hit the Moving Target**

Films Incorporated

01/01/1991

\*1/2" VHS, 58 min. Accompanied by book. LOAN TO KTC STAFF ONLY. This program explores how quality is being achieved. Basic ingredients include: common vision, a knowledge of systems, statistical thinking, and continuous improvement.

**AV-V268**

**Quality or Else: The Global Marketplace**

Films Incorporated

01/01/1994

\*1/2" VHS, 58 min. Accompanied by book. LOAN TO KTC STAFF ONLY. This program explores the shift from regional to international marketplaces, the use of new technologies and the new management philosophies behind the quality revolution.

**AV-V269**

**Quickchange Movable Barrier**

Barrier Systems, Inc.

01/01/1988

\* 1/2" VHS, 10 min. This tape demonstrates a "GM" type concrete barrier modified to be easily moved from 8-12 feet in one pass of a special piece of equipment.

**AV-V270**

**Ramp Metering: Signal for Success**

DOT FHWA

01/01/1989

1/2" VHS, 17 min. The principles and benefits of ramp metering are explained by showing examples of successful projects. Urban traffic congestion is also explained. Audience: public officials and citizens.

**AV-V271**

**Recycling Continuously Reinforced Concrete Pavement on I-29 in North Dakota**

Portland Cement Assn.

02/01/1985

\* 1/2" VHS, 15 min. Continuously reinforced concrete pavement was recycled, after additional crushing, for the new pavement. Asphalt shoulders were recycled and

used in the base.

- AV-V272**      **Recycling Portland Cement Concrete Pavements**  
Portland Cement Assn.  
\* 1/2" VHS, 21 min. Covers a wide scope of recycling equipment and operations. It includes the recycling of plain, mesh-dowel, and continuously reinforced concrete pavements. Mix designs for recycled concrete are reviewed.
- AV-V273**      **Regraveling**  
International Road Federation  
01/01/1988  
\* 1/2" VHS, 17 min., suppl. This tape discusses the planning and coordination to restore road wearing surfaces. Six step regraveling procedure is shown.
- AV-V274**      **Rehabilitation of Interstate I-20/I-59 Meridian, Mississippi**  
Portland Cement Assn.  
01/01/1986  
\* 1/2" VHS, 12 min. The rehabilitation of concrete pavement that included undersealing, replacing a few seals, reworking joints, surface texturing, and replacing asphalt shoulders with concrete shoulders.
- AV-V275**      **Reliable Witness: Direct Tension Indicators**  
J & M Turner, Inc.  
01/01/1991  
\*1/2" VHS, 21 min. A video about steel, high strength structural bolts. Discusses what they are, why they are used, their installation, and bolting problems and solutions.
- AV-V276**      **Repair of Depressions, Rutting and Corrugations**  
International Road Federation  
\* 1/2" VHS, 14 min., Suppl. Covered are the steps to fill in low areas with asphalt concrete, and to overlay with a wearing course. It describes how to use this method with a motor grader in 8 work steps.
- AV-V277**      **Replenishing Earth and Gravel Shoulders**  
International Road Federation  
01/01/1985  
\* 1/2" VHS, 19 min. Good shoulders are important for safety and proper drainage. This video addresses the steps for replenishing shoulders.
- AV-V278**      **Reshaping Earth and Gravel Shoulders**  
International Road Federation  
\* 1/2" VHS, 15 min. This tape shows proper procedures for reshaping earth and gravel shoulders, (without adding materials). Tools and equipment needed are described.
- AV-V279**      **Response to Winter**  
Pennsylvania Dept. of Transportation  
09/01/1993  
1/2" VHS; 20 min. Describes the snow and ice control services and plan of the

Pennsylvania DOT.

- AV-V280**      **Resurfacing City Streets with Concrete**  
Kentucky Ready-Mixed Concrete Assn.  
\* 1/2" VHS, 11 min. Video reviews the concrete overlay projects in Henderson, KY. The durability and aesthetics are two advantages highlighted. The streets in the video were resurfaced with a fast track, unbonded overlay that was slip formed over the street.
- AV-V281**      **Retaining Wall Design; Traffic Control and Liability**  
Montana State University; DOT FHWA  
01/01/1985  
1/2" VHS, 2 Programs: 55 min., 50 min. (1) The elements of retaining wall design that cover earth pressure and design, drainage, joint detailing, and construction details. (2) An introductory overview to traffic control operations with the associated legal documents and legal liabilities.
- AV-V282**      **Right Before Your Eyes**  
American Traffic Safety Services Assn.  
1/2 " VHS, 10 min. The video discusses the importance of proper roadway markings and their maintenance to ensure safer roads. Accompanied by a brochure.
- AV-V283**      **Right to Know: Hazard Communication in the Workplace**  
M2 Ltd  
09/28/1988  
\* 1/2" VHS. Explains the employee's right to know which chemical hazards are in the workplace. Accompanied by an employer's guide.
- AV-V284**      **Road Drainage**  
Transportation Information Exchange St. Michael's College, VT  
09/01/1983  
1/2" VHS, 50 min. Drainage considerations in rural areas. Discussion of inventory, good design cross section, and the effects of water on roadways. Good slide presentation of difficult ditching situations.
- AV-V285**      **Road Maintenance Cost Analysis, Parts 1-4.**  
Montana State University  
01/01/1983  
1/2" VHS, 50 min. Analysis of costs relating to the purchase of equipment, maintenance operation, and deferred maintenance. Also included is how to present data to county commissioners or city councils.
- AV-V286**      **Road Management Systems**  
U.S. Army Corps of Engineers; DOT FHWA  
02/05/1990  
1/2" VHS, 5 min. Outlines the advantages of a pavement management system and promotes the PAVER system.
- AV-V287**      **Road Repair: Do the Right Thing at the Right Time**  
Braun Intertec

09/01/1991

1/2" VHS, 23 min. A basic introduction to pavement management. The video reviews the procedures for determining the pavement condition and the necessary repairs.

**AV-V288**

**Road Stabilization Using Calcium Chloride**

Transportation Information Exchange St. Michael's College, VT

01/01/1985

1/2" VHS, 20 min. Questions and answers about the use of calcium chloride. Discussion on the conditions and effects of the decaying infrastructure in Vermont.

**AV-V289**

**Rodeo**

New Mexico State Highway and Transportation Dept.

03/31/1991

1/2" VHS, 8 min. The video explains New Mexico's State Hwy. and Trans. Department's equipment rodeo, an annual event in which equipment operators from the Department's districts compete in skill tests on various types of heavy equipment.

**AV-V290**

**Roebing Bridge**

Kentucky Network

01/01/1986

\*1/2" VHS, 26 min. Gives the history of the Roebing Bridge across the Ohio River at Cincinnati, Ohio and Covington, Kentucky.

**AV-V291**

**ROSCO RA-200 Demonstrations and Applications 1992**

Rosco Manufacturing Company

01/01/1992

\*1/2" VHS, 22 min. Demonstrates pothole repair with the Rosco pothole patch machine.

**AV-V292**

**Routine Structure Cleaning, Maintain Drainage, Ditches, Mowing, Guardrail Repair, Shoulders, Snow Removal**

Utah Dept. of Transportation

1/2" VHS, 116 min. This tape presents methods and procedures for proper maintenance of different highway components including structures, drainage, guardrails, shoulders and vegetation.

**AV-V293**

**Routine Structure Cleaning; Edge Rut Repair; Maintain Drainage; Mowing; Chemical Control of Vegetation;**

Utah Dept. of Transportation

01/01/1989

1/2" VHS; Manual: TE223.U82 1989; Remainder of Title: Remove Minor Slides & Clean Ditches; Guardrail Repair; Plow Snow & Apply Salt.

**AV-V294**

**RTAP (National); RTAP (Kentucky) Continuous Loop**

DOT FHWA; Kentucky Transportation Center

05/01/1989

1/2" VHS, 2 Parts: 11 min., 5 min. (1) Describes the national Rural Technical Assistance Program. The purpose is transportation technology exchange through demonstrations, workshops, training, publications, and videos. (2) Description of

the RTAP program in Kentucky.

- AV-V295**      **RTAP, Finished Master**  
Kentucky Transportation Center; DOT FHWA  
05/01/1989  
1/2" VHS, 3/4", 11 min. Describes the national Rural Technical Assistance Program. The purpose is transportation technology transfer through demonstrations, workshops, publications, videos, and training.
- AV-V296**      **RTAP: Your New Neighbor**  
Pennsylvania Dept. of Transportation  
04/01/1986  
1/2" VHS, 11 min. Explains the RTAP in Pennsylvania. The RTAP program is designed to provide transportation technology, information, and training to the municipalities.
- AV-V297**      **Rural Transportation Assistance Program (RTAP)**  
DOT FHWA; Kentucky Technology Transfer Center  
09/01/1989  
3/4" VHS, 14 min.
- AV-V298**      **Safe Efficient Lane Closure**  
American Traffic Safety Services Assn.  
1/2" VHS, 10 min. A traffic control training video for street and road maintenance crews. This video shows how to safely and efficiently close a lane of traffic.
- AV-V299**      **Safely Controlling the Power of the Backhoe/Loader**  
Video Information System Training Associates Inc.  
\*3, 1/2" VHS, 11 min., 15 min., 9 min. Accompanied by Facilitator and Participant Manuals. The three videos review the safe operating procedures for backhoe/loaders: Pre-start inspection, operating safety awareness, and maintenance and transportation issues.
- AV-V300**      **Safer Roadside**  
Pacific Communications, Inc.  
02/01/1992  
1/2" VHS, 18 min. Discusses WSDOT's policy for controlling utility use of highway right-of-way. WSDOT has developed a process to initiate corrective measures for existing above-ground utility facilities based upon annual mitigation targets.
- AV-V301**      **Safety Features for Local Roads & Streets**  
DOT FHWA  
1/2" VHS, 110 min. Accident studies of wet surfaces, roadway slopes and ditches, drainage structures, side roads, and sign and mailbox post supports.
- AV-V302**      **Safety Restoration During Snow Removal: Guidelines**  
DOT FHWA  
10/01/1989  
1/2" VHS, 25 min. Manual: FHWA-TS-90-036. Addresses the hazards associated with non-functioning highway safety features that occur with snow removal

operations, and how the hazards can be remedied.

- AV-V303                    Sampling & Testing Fresh Concrete**  
01/01/1985  
3/4" VHS, 50 min.
- AV-V304                    Scarification and Jackhammers Versus Hydrodemolition**  
Hydro-Demolition Services  
\* 1/2" VHS, with accompanying information. Demonstrates hydro-demolition for concrete pavement maintenance. Reviews the options and advantages of hydrodemolishing. First part is not narrated.
- AV-V305                    Sealcoating: A Matter of Science and Skill**  
Minnesota Local Road Research Board  
10/01/1993  
1/2" VHS, 16 min. The video describes why, when, and how to sealcoat. Intended for maintenance workers, public officials, and the general public.
- AV-V306                    Selective Pavement Rehabilitation**  
Video University Productions  
01/01/1992  
\*1/2" VHS, 34 min. "Selective repair" permits rehabilitation of a single lane of pavement without paving the entire road width and shoulders. The benefits and liabilities of milling are also explained.
- AV-V307                    Shake Hands with Danger**  
Caterpillar Company, Inc.  
01/01/1979  
\* 1/2" VHS, 23 min. This tape has a harsh message for all who work with heavy machinery and common shop tools. Realistic accidents make the warning loud and clear.
- AV-V308                    Shoulder Cutting**  
Pennsylvania Dept. of Transportation  
11/25/1985  
1/2"VHS, 14 min. Accompanied by a workbook with same title. To ensure proper drainage of roads and safety, it is important that shoulders be maintained properly. This video reviews all the steps for cutting shoulders: planning, scheduling, inspection, work activity, and quality control checks.
- AV-V309                    SHRP Now! Exhibit: 1991 AASHTO Technology Transfer Fair**  
Strategic Highway Research Program  
01/01/1991  
1/2" VHS, 59 min. This video highlights some of the research products produced by SHRP that were exhibited at the 1991 AASHTO Technology Transfer Fair.
- AV-V310                    SHRP: Paving the Way for Tomorrow's Highways**  
Strategic Highway Research Program  
01/01/1989  
1/2" VHS, 16 min. Overview of SHRP.

- AV-V311**                    **Single and Multiple Surface Treatments**  
International Road Federation  
01/01/1988  
\* 1/2" VHS, 14 min., Suppl. This tape covers good surface treatment on paved and unpaved roads. Topics covered are: advanced repairs of surface, testing equipment, checking the weather forecast during operations, materials required, how to apply asphalt, spreading and compacting the aggregate, and how to obtain smooth transverse and longitudinal joints.
- AV-V313a**                    **Slope Maintenance and Slide Restoration, Programs 1-8, (Sections I-VIC)**  
DOT FHWA; Kentucky Transportation Research Program  
06/16/1988  
1/2" VHS, 4 tapes; 3/4" VHS, 8 Tapes. 6 hours. A one-day workshop on the guidelines for handling slides of all sizes. Covers slope movements and processes, recognition and identification, maintenance practices, stabilization methods, and legal liabilities.
- AV-V313b**                    **Slope Maintenance and Slide Restoration; Geotextile Walls, Retaining Walls**  
DOT FHWA; Kentucky Transportation Research Program  
06/23/1988  
1/2" VHS, 2 tapes; 3/4" VHS, 4 tapes. 203 mins. A one-day workshop on the use of geotextiles and retaining walls for slope maintenance and slide restoration.
- AV-V314**                    **Smoothing and Reshaping of Earth and Gravel Roads**  
International Road Federation  
01/01/1988  
\* 1/2" VHS, 21 min. In two parts: smoothing and reshaping. Each part has an equipment requirement, an overview of work steps, and a work step summary.
- AV-V315**                    **Snowfighting from A to Z**  
Salt Institute  
\* 1/2" VHS, 73 min. Practical and comprehensive look at snow and ice control. Compilation from 3 videos. Audience: Public works employees.
- AV-V318**                    **Special Hot Mixes: SMA-ATPB-Rubberized**  
Video University Productions  
01/01/1992  
\*1/2" VHS, 46 min. Video describes three special hot mixes and their uses: stone mastic asphalt (SMA), asphalt treated permeable base (ATPB), and rubberized hot mix asphalt.
- AV-V319**                    **Special Use Traffic Control**  
International Road Federation; DOT FHWA  
01/01/1994  
\*1/2" VHS, 17 min.; Includes booklet and covers special use traffic control such as beacons, lane-use control signals, pedestrian signals, freeway ramp control signals, narrow bridge or tunnel signals, high occupancy vehicle facilities, changeable message signs, movable concrete barriers, etc.
- AV-V320**                    **Speed Scientific School Civil Engineering Recruiting Tape 1991**

University of Louisville  
01/01/1991  
\*1/2" VHS, 13 min. Civil Engineering as a career choice is defined and discussed. The program at Speed Scientific School at the University of Louisville and its advantages are presented.

- AV-V321                    Stabilization: Holding the Roads**  
Iowa State University  
02/01/1987  
1/2" VHS, 22 min. Examines loss of aggregate from poor stabilization. Various low cost methods of improving unpaved roads with existing materials is covered.
- AV-V322                    Stamped Concrete. Re-Paving City Streets. Tilt-Up Concrete Construction. Kerney Hills Golf Course.**  
Kentucky Ready-Mixed Concrete Assn.  
\* 1/2" VHS, 50 min. Reviews and demonstrates the design and construction of stamped concrete, whitetopping, tilt-up concrete panels, and slip form concrete trails.
- AV-V323                    Staying Ahead of the Storm: Road Weather Information Systems**  
Strategic Highway Research Program  
01/01/1992  
\*1/2" VHS 21 min. Describes a Road Weather Information System and how it enhances snow and ice control measures.
- AV-V324                    Steel Truss Bridge Inspection; Pre-Stressed Concrete Bridges - Safety Inspection**  
Oregon Dept. of Transportation; DOT FHWA  
01/01/1985  
1/2" VHS, 2 Pts.: 52 min., 58 min. Covers general inspection procedures for steel truss bridges and pre-stressed concrete bridges, equipment needed, report form, and problems to check for. Steel Truss Bridge Inspection (3/4")-1c.
- AV-V325                    Steel Wheel Roller**  
Delaware Dept. of Transportation  
1/2" VHS, 23 min. Reviews the operating techniques for the steel wheel roller. Covers daily checks, start up and warm-up, hook up and towing, basic operation, rolling techniques, and shut-down.
- AV-V326                    Straight Blade Snow Plows, Parts 1 & 2; Highway Sanders; Crack Sealer Operation Pts 1 & 2; Highway Sander Calibration**  
Utah Dept. of Transportation  
01/01/1989  
1/2" VHS, 117 min. Manual: TE223.U82 1989; Remainder of Title: Tar Pot Operation; Bulldozer Preventive Maintenance. This tape presents methods and procedures for proper operation and maintenance of straight blade snow plows, highway sanders, and bulldozers. It also presents operation procedures for crack sealing and the use of tar pot.
- AV-V327                    Strategic Highway Research Program**  
DOT FHWA; AASHTO

1/2" VHS, 15 min. This tape describes the development of theSHRP program. The individual projects of SHRP are also discussed.

- AV-V328**            **Strategic Planning for State and Local Transportation Agencies**  
Transportation Research Board  
10/10/1986  
\* 1/2" VHS, 45 min. Elements of Strategic Planning Checklist. Relates the business concepts of strategic planning, dealing with the mission and structure of an organization, to state and local transportation agencies.
- AV-V329**            **Street Closures**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 16 min. Accompanied by two guides: Practices and procedures for street closures during emergencies, special events, or in long and short-term operations
- AV-V330**            **Subsurface Utility Engineering: a Technology for the '90s**  
DOT FHWA Engineering and Operations  
08/01/1990  
1/2" VHS, 13 min. Planning for locating utilities underground. Audience: Engineers in large municipalities.
- AV-V331**            **SUPERPAVE: Asphalt Pavements that Perform**  
Texas Dept. of Transportation  
02/27/1992  
1/2" VHS, 5 min. The video provides a short, understandable explanation of SHRP's asphalt products. Intended for state and local governments, engineers, and technicians.
- AV-V332**            **Surface Distress and Street Surveying Procedures**  
Metropolitan Transportation Commission  
03/01/1987  
\* 1/2" VHS, 63 min. A pavement management training course. This video focuses on rating the condition of the pavement in the networks. Surface distress and street surveying procedures are covered.
- AV-V333**            **Surface Distress and Street Surveying Procedures Part 2: Sections B, C, & D**  
Metropolitan Transportation Commission  
03/01/1987  
\* 1/2" VHS, 59 min. Included are a field demonstration of pavement distresses and both the manual and automatic methods of calculating the pavement condition distress index.
- AV-V334**            **Surface Distress and Street Surveying Procedures Section A: ID of Surface Distress Characteristics and Severity Levels**  
Metropolitan Transportation Commission  
03/01/1987  
\* 1/2" VHS, 78 min. Part of a pavement management surface course, this video describes and shows surface distress characteristics and severity levels.

- AV-V335**      **Take Charge! with General H. Norman Schwarzkopf (Ret.)**  
 Washington Speakers Bureau Video; Black Summit, Inc.  
 01/01/1992  
 \*1/2" VHS, 22 min. LOAN TO KTC STAFF ONLY. General Schwarzkopf discusses success, and the setting of goals and high standards. The video is about people, motivation, and leadership.
- AV-V336**      **Taking Control of Your Motor Grader**  
 John Deere Training Center  
 \* 1/2" VHS, 19 min. Demonstrates and reviews the functions, controls, and operating techniques of the motorgrader.
- AV-V337**      **Team of Your Life**  
 Caterpillar; American Public Works Assn.  
 01/01/1983  
 \* 1/2" VHS. This video tells a people management story through the experiences of a young contractor. His learning experience explores the pitfalls, hard knocks, potholes, and humor that lie along the road to becoming a good people manager.
- AV-V339**      **Technical Advancements for Maintenance Workers: for Maintenance Managers and Work Crews**  
 Strategic Highway Research Program  
 1/2" VHS, 15 min. Accompanied by brochures. Describes the technical products of SHRP's highway operations studies. Covers preventive pavement maintenance, snow and ice control, and work zone safety.
- AV-V340**      **Technical Advancements for Maintenance Workers: for Chief Administrative Officers**  
 Strategic Highway Research Program  
 1/2" VHS, 12 min. Accompanied by brochures. Describes the technical products of SHRP's highway operations studies. Subjects covered are preventive pavement maintenance, snow and ice control, and work zone safety.
- AV-V342**      **Testing and Field Inspection of Roadway Delineation**  
 DOT FHWA  
 1/2" VHS, 36 min. Video describes the inspection, testing, and application/installation of pavement markings, signs, and other roadway delineators. Accompanied by the report, FHWA-SA-93-002.
- AV-V343**      **Thermal and Asphalt Cold Mix Treatment of Hydrocarbon Contaminated Soil**  
 Video University Productions  
 01/01/1992  
 \*1/2" VHS, 59 min. Explains thermal treatment of hydrocarbon contaminated soil at an asphalt plant. Also shows remediated soil in hot and cold mix asphalt.
- AV-V344**      **Thermo-Lay Hot Asphalt and Sanding Machine**  
 Northwest Manufacturing and Distribution, Inc.  
 01/01/1985  
 \* 1/2" VHS, 10 min. A single unit pothole patcher, with a sanding attachment and automatic lift, is demonstrated.

- AV-V345**                    **Thin High Strength Whitetopping Research**  
Kentucky Ready-Mixed Concrete Assn.  
\* 1/2" VHS, 17 min. A road into a landfill in Louisville was paved using new concrete technology and pavement design. The road will be evaluated periodically. Slip form, superplasticized concrete was used.
- AV-V346**                    **Third Annual Washington High Speed Rail Forum Held in Washington, D.C. on October 25, 1991**  
High Speed Rail Assn.  
10/25/1991  
\*2, 1/2" VHS. Briefings by the FRA and Army Corps of Engineers (ACE) on the national maglev initiative, federal steel wheel development, emerging safety regulations, and ACE and FRA programs. Also a debate by key congressmen involved in high speed rail legislation.
- AV-V348**                    **Timber Bridge Inspection in Oregon**  
Oregon Dept. of Transportation; DOT FHWA  
01/01/1985  
1/2" VHS, 3/4" VHS, 50 min. This tape describes the actual inspection of two timber bridges in Oregon. It takes one through the procedures, tools, and forms to do a thorough job of inspection. Useful to local engineers and bridge inspectors.
- AV-V349**                    **Timber Bridges, Build Better and Save With Modern Timber Bridges**  
DOT FHWA  
04/01/1988  
1/2" VHS, 22 min. Utilization of timber bridges.
- AV-V350**                    **To Engineer Is Human**  
Films Incorporated  
01/01/1990  
\*1/2" VHS, 50 min. The video shows how engineering science is subject to human limitations. Henry Petroski demonstrates how structures can fail by using examples of major civil failures.
- AV-V351**                    **To Warn, Guide and Protect: An Introduction to Flagging**  
New Mexico State Highway and Transportation Dept.  
04/13/1992  
1/2" VHS, 22 min. Covers the three elements of a flagger's duties: to warn motorists, to guide and control traffic, and to protect motorists and workers. Reviews and demonstrates flagging procedures.
- AV-V352**                    **Tow Type Sweeper Operation & PM-A; Pneumatic Tire Roller Operation; Roller PM-A; Steel-Wheel Roller Operation;**  
Utah Dept. of Transportation  
01/01/1989  
1/2" VHS; Manual: TE223.U82 1989; Remainder of Title: Structures Inspection. Demonstrates operation of sweepers and rollers and the inspection of structures.
- AV-V353**                    **Tow-Type Trailers**  
Delaware Dept. of Transportation  
1/2" VHS, 20 min. Reviews the use of trailers. Covers pre-trip inspection, hook-up,

loading, towing, and unloading.

- AV-V354**      **Traffic Barriers: An Overview; W-Beam, Wood and Steel; Traffic Barrier Terminal**  
DOT FHWA  
1/2" VHS, 46 min. Deals with barriers, bridge rails, and end treatments. Describes how various highway features work, why they are used, and what causes them to fail. Also deals with installation and maintenance of highway traffic barriers. Accompanied by: W-Beam Guardrail Repair and Maintenance (FHWA-RT-90-001)
- AV-V355**      **Traffic Congestion: What Does the Future Hold?**  
Institute of Transportation Engineers  
01/01/1987  
\*1/2" VHS, 17 min. A general overview of traffic congestion. Suggestions for approaches to finding solutions to congestion. Might be used as an introduction for planning or public meetings or college class presentation.
- AV-V356**      **Traffic Control for Schools, Railroad Crossings, and Bicycle Facilities**  
International Road Federation; DOT FHWA  
01/01/1994  
\*1/2" VHS, 24 min. Accompanied by booklet. The video describes signs, signals, marking and other traffic control devices for schools, railroad crossings, and bicycle facilities.
- AV-V357**      **Traffic Control for Short Term Work Zones**  
Minnesota Dept. of Transportation  
01/01/1986  
1/2" VHS, 73 min. Describes the traffic control operations and equipment for short term work zones.
- AV-V358**      **Traffic Control on Concrete 4R Projects**  
Portland Cement Assn.  
08/01/1985  
\* 1/2" VHS, 18 min. Discusses traffic control measures on construction projects. The importance of public relations, contractor input, and safety for motorists and workers are stressed.
- AV-V359**      **Traffic Control Procedures**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 14 min. Accompanied by two Guides: Implementing effective work zone planning including previewing, laying out, analyzing and navigating.
- AV-V360**      **Traffic Control Signals at Intersections**  
International Road Federation; DOT FHWA  
01/01/1994  
\*1/2" VHS, 18 min.; Includes booklet and describes basically how engineers determine if a signal is needed, how signal controller phasing works, and how signal timing works.

- AV-V361**            **Traffic Sign Inspection and Maintenance**  
International Road Federation; DOT FHWA  
01/01/1994  
\*1/2" VHS, 21 min.; Includes booklet. Covers inspection, maintenance, materials, equipment, budgeting and sign inventory.
- AV-V362**            **Traffic Sign Placement and Location**  
International Road Federation; DOT FHWA  
01/01/1994  
\*1/2" VHS, 22 min.; Contains booklet and covers placement and location of signs in general and specifically at their placement and location in three areas: urban, rural and freeways.
- AV-V363**            **Traffic Signal System: Go for the Green (parts 1 & 2)**  
DOT FHWA  
12/09/1985  
1/2" VHS, 18 min., 2 video tapes and 1 report. This program demonstrates the need for proper traffic signalization and highlights the best current practices.
- AV-V364**            **Transport Trailer Safety**  
Video Information System Training Associates, Inc.  
01/01/1995  
\*1/2" VHS, 15 min. Covers the safe loading, unloading, and transport procedures for heavy equipment.
- AV-V365**            **Transportation Technology Transfer: Good Neighbors In a Changing World**  
Organization for Economic Cooperation and Development  
\*1/2" VHS, 19 min. Describes transportation technology transfer programs of the U.S., OECD, PIARC, IRF, SPRINT, and the Panamerican Highway Institute. Describes the means used for transferring technology and the T2 process model.
- AV-V367**            **Trenchers: Stay Alert - Stay Alive**  
Talus Resources  
08/16/1993  
1/2" VHS, 13 min. This video addresses the safety methods and correct practices for trenching machinery operation.
- AV-V368**            **Truck Impacts on Pavements**  
DOT FHWA  
04/01/1988  
1/2" VHS, 24 min. This video identifies the truck factors such as load, size, and weight and their effect on pavement design and pavement performance.
- AV-V369**            **Unattended Work Sites**  
Traffic Education & Consulting Services  
01/01/1994  
\*1/2" VHS, 15 min. Accompanied by two Guides: Safety practices and procedures for unattended work zones, including securing overnight or weekend work zones.
- AV-V370**            **Unsurfaced Road Inspection**

U.S. Army Corps of Engineers; DOT FHWA  
02/05/1990  
1/2" VHS, 8 min. Explains how to inspect unsurfaced roads and how to rate roads for future maintenance or repair.

**AV-V371                    Unsurfaced Road Management**  
U.S. Army Corps of Engineers; DOT FHWA  
02/05/1990  
1/2" VHS, 9 min. Explains how to set up an inspection and rating system to better judge what repair work needs to be done.

**AV-V372                    Upgrading Gravel Roads**  
Northwest T2 Center  
10/01/1985  
1/2" VHS, 21 min. Pt. I. Explains the importance of gravel roads in rural areas and highlights problems such as poor materials, narrow rights-of-way, decreasing budgets, and lack of equipment. Pt. II. Shows how MTDOT used a near site plant mixer to help create a good base.

**AV-V373                    Uses of Asphalt Rubber**  
Asphalt Rubber Products Group  
\* 1/2" VHS & 24 booklets, 12 min. Description and uses of asphalt rubber.  
Asphalt rubber is a blend of recycled scrap rubber and asphalt cement. Reproduced by DOT FHWA with permission from ARPG.

**AV-V374                    Verglimit (Job Mixing and Laying)**  
PK Innovations  
02/10/1987  
\* 1/2" VHS, 9 min. Discusses the proper procedures for handling, storing, mixing, and laying asphalt pavement with the additive. Verglimit is a multi-component chemical de-icer admixture for bituminous surface courses.

**AV-V375                    Verglimit (Snow and Ice Removal)**  
PK Innovations  
\* 1/2" VHS, 30 min. The video explains what Verglimit is and how it works. Presents case studies and research results.

**AV-V376                    Verglimit Profile: Tappan Zee Bridge, New York**  
PK Innovations  
01/01/1986  
\* 1/2" VHS, 12 min. In the rehabilitation of the New York Tappan Zee bridge, Verglimit was applied for snow and ice control. Also reviews the mixing and application procedures.

**AV-V377                    Vermont Local Roads Program**  
Vermont Local Roads Program  
1/2" VHS, 8 min. Gives an overview of the Vermont Local Roads Program which was established to provide road technology, training, education, and information to the transportation personnel within Vermont.

**AV-V379                    Weather and Loads: The Effect They Have on Roads**

Braun Intertec  
01/01/1991  
1/2" VHS, 17 min. Discusses the effects of weather and loads on roads and some of the solutions to these problems.

**AV-V380      Weed Sprayer, parts 1 & 2; Dump Truck Operation, parts 1, 2, 3, 4, & PM-A**

Utah Dept. of Transportation  
01/01/1989  
1/2" VHS, 115 min. Manual: TE223.U82 1989. This tape presents methods and procedures for proper operation and maintenance of weed sprayers and dump trucks.

**AV-V381      Wetted Salt (Revised)**

Dow Chemical Company  
\* 1/2" VHS 19 min. How calcium chloride works to melt snow and ice faster and at lower temperatures than plain salt. Three methods for prewetting rock salt with liquid calcium chloride.

**AV-V382      What's Hot Mix Asphalt**

National Asphalt Pavment Assn.  
01/01/1994  
\*1/2" VHS, 11 min. This video explains in everyday language. What hot mix asphalt is, and how it is made, and how it is used.

**AV-V383      White Gold: An Overview of the Aspects of Snow Fighting**

New England Chapter of APWA  
\* 1/2" VHS, 25 min. The theme of this tape is the proper selection and operation of equipment for snow and ice operations.

**AV-V384      Whitetopping I-70 Sherman County, Kansas**

Portland Cement Assn.  
\* 1/2" VHS, 15 min. A pavement rehabilitation project in Kansas using concrete.

**AV-V385      Who Are Engineers? You?**

National Society of Professional Engineers  
01/01/1992  
\*1/2" VHS, 13 min. Engineers in a variety of fields talk about their work and how engineering affects all aspects of our lives.

**AV-V386      Winning Moves in Maintenance**

Caterpillar Company, Inc.  
\* 1/2" VHS, 16 min. The film covers managed maintenance. It offers practical common sense ideas gained from interviews with successful contractors, and Caterpillar service specialists.

**AV-V387      Work Zone Safety Concepts**

International Road Federation; DOT FHWA  
01/01/1994  
\*1/2" VHS, 25 min. Covers the basic principles of work zone safety, traffic control zones, planning for traffic control, the function of traffic control devices and typical

applications. Booklet included.

- AV-V388**      **Work Zone Safety for Rural Local Agencies**  
Institute of Transportation Research and Education; DOT FHWA  
01/01/1990  
1/2" VHS, 1 hr., 42 min. Divided into seven segments that focus on safety at highway work sites (Introduction, Traffic Control Devices, Traffic Control Zones, Typical Applications, Flagging, Legal Liability, and A Typical Day). A training tool for managers and employees of road departments to learn how to cope with road construction and maintenance hazards. Sponsored by the National Assn. of County Engineers.
- AV-V389**      **Working For You**  
United Gunitite & Construction Co., Inc.  
\* 1/2" VHS, 24 min. Shows Gunitite (shotcrete) application on different structures (pipelines, tunnels, pools, piers, bridges, etc.)
- AV-V390**      **Worldwide Traffic Sign Systems**  
International Road Federation; DOT FHWA  
01/01/1994  
\*1/2" VHS, 26 min. Booklet included. This program covers the types and purposes of the signs that are common to the MUTCD, the European Road Traffic Rules, and the Inter-American Manual of Traffic Control. The basic design elements for all sign systems are also reviewed.
- AV-V391**      **Pink Slips or Greenbacks: Changing the Odds**  
Southern Regional Education Board  
01/01/1995  
\*1/2" VHS, 51 min. Focuses on the South and addresses the need for education and training to keep up with change. We are competing in a world market that is constantly changing and we must be prepared in order to succeed.
- AV-V392**      **Spirit of Trucking**  
National Private Truck Council; Private Fleet Management Institute  
1/2" VHS, 14 min. Accompanied by a manual, "Safe Motorists and Responsible Trucking." This video is intended to educate passenger car drivers and the general public about the trucking industry, and how to share the road with trucks.
- AV-V393**      **DuraPatcher: Patching Only**  
Video Images  
\* 1/2" VHS, 15 min. The Video demonstrates the DuraPatcher System that is used for patching potholes, using aggregates and asphalt emulsion.
- AV-V394**      **Quickchange Movable Barrier: Dallas, Texas East R.L. Thorton Freeway I-30 Contraflow HOV Lane**  
Barrier Systems Inc.  
\* 1/2" VHS, 9 min. I-30 in Dallas, Texas, uses quickchange movable barriers during peak traffic periods to set up HOV lanes.
- AV-V395**      **Demonstration of Hughes Transportation Management Systems AVI/DC Subsystem**

GM Hughes Electronics

05/27/1993

\*1/2" VHS, 10 min. An explanation and demonstration of the Hughes automatic vehicle identification and driver communication system to be used by trucks for by-passing weigh stations in the Advantage I-75 project.

**AV-V396**

**Recycling the Lifeline**

PyroTech

\* 1/2" VHS, 9 min. This video describes the PyroPaver, a hot in-place recycling machine developed by PyroTech. It explains how the system works and its benefits. Distributed by GenPave International.

**AV-V397**

**Creating Meadows through Road Maintenance and Construction**

DOT FHWA; New Mexico State Highway and Transportation Dept.;

01/01/1995

1/2" VHS, 8 min. In New Mexico erosion had caused a drop in the water table so that vegetation could not be supported. Meadows were restored by installing raised culverts to raise the water table and to fill in the channel. Publisher continued: U.S. Dept. of Agriculture Forest Service

**AV-V398**

**Motorgrader Preventive Maintenance**

DOT FHWA; New Mexico State Highway and Transportation Dept.

01/01/1995

1/2" VHS, 12 min. Provides excellent coverage of daily preventive maintenance procedures for motorgraders. Covers pre-start, warm-up, operating, and shut down maintenance checks.

**AV-V399**

**Wetlands Mitigation for Transportation Projects**

North Carolina State University; Center for Transportation

10/26/1995

\*1/2" VHS, 148 min. A National teleconference on mitigation of wetlands for transportation projects. Case studies are also presented. Publisher continued: and the Environment

**AV-V400**

**IVHS Architecture Video Primer**

IVHS America; DOT

04/01/1994

1/2" VHS, 27 min. The video explains in Part One what an Intelligent Vehicle/Highway System (IVHS) is and gives an overview of the program. Part Two discusses the need for compatibility within the IVHS Architecture and Part Three discusses the IVHS Architecture development program.

**AV-V401**

**Breakaway Pole Demo Project**

Kentucky Utilities Company

04/21/1988

1/2" VHS, 25 min. Installation of a break-away wood, utility pole on Tates Creek Road & McMeekin Place, Lexington, KY. Minimal commentary.

**AV-V402**

**Breakaway Wood Pole Installation Tates Creek Road & McMeekin Place, Lexington, KY**

Kentucky Utilities Company  
04/21/1988  
1/2" VHS, 10 min. Installation of a break-away wood, utility pole. No commentary.

- AV-V403**      **Lexington in Motion: Video Image Processing/Motion Detection**  
Lexington-Fayette Urban County Government  
01/01/1994  
\*1/2" VHS, 15 min. Results of a study in Lexington, KY on the application of video image and detection systems for traffic management. The systems were used for traffic counting, presence detections, and wide area detection.
- AV-V404**      **Retrofitted Load Transfer Devices**  
Keystone Engineering & Manufacturing Corp.; Indiana DOT  
08/01/1994  
\*1/2" VHS, 5 min. Demonstrates the use of Carbide Grinding for load transfer applications in jointed concrete pavements.
- AV-V405**      **Major Investment Studies Teleconference May 4, 1995**  
National Transit Institute; Rutgers University  
05/04/1995  
1/2" VHS, 3 hrs. 35 min. 2 tapes. This teleconference is intended for transportation planners and is about the new major investment study process. MIS is a strategy to address major problems and solutions of major transportation projects.
- AV-V406**      **Greenline Impact Test**  
Greenline Inc.  
\* 1/2" VHS, 6 min. Impact test of Greenline brand highway delineators at different speeds. Posts were still intact after eleven hits.
- AV-V407**      **Bridge Beams**  
Boone County, KY, Road Dept.  
1/2" VHS, 11 min. Shows the construction of concrete bridge beams by the Boone County Road Department. No commentary.
- AV-V409**      **Traffic Management Errors and Misconceptions in Cities**  
Montana State University  
\* 1/2" VHS, 20 min. Presents traffic management errors and misconceptions in the areas of speed zoning and traffic signals. Stresses the importance of the Manual on Uniform Traffic Control Devices (MUTCD). Picture is lost at the end. The last few minutes address the situation in Montana.
- AV-V410**      **SECUTC-UK Research Projects 1989**  
University of Kentucky  
01/01/1989  
1/2" VHS, 15 min. This video reviews UK's three major research projects that are part of the SECUTC/UTC research program in 1989: transportation logistics and industry, life-line design of bridges, and large-stone asphalt mixes.
- AV-V411**      **Coal Transportation**

Coal Operators and Associates, Inc.  
1/2" VHS, 9 min. Covers the safety issues for coal truck drivers and other motorists when sharing the highways.

**AV-V412                    Law Enforcement Against Accidents; Kentucky Uniform Accident Report Form**

Kentucky State Police  
1/2" VHS, 10 min., 50 min. Intended for law enforcement officers investigating and reporting accidents. Part One introduces the new accident report form which collects more data so the report is more accurate. Part Two explains how to complete the new Uniform Accident Report Form.

**AV-V413                    Traffic Information Network, 20 Minute Traffic Ticker, Emergency Vehicles in Traffic, Reversible Lanes, Pedestrian**

Lexington-Fayette Urban County Government  
01/01/1993  
\*1/2" VHS; 89 min. Title continued: Safety, School Bus Awareness, Bicycle Safety, Ridesharing, Safety Management Systems. A series of programs averaging 10 minutes in length that focus on traffic management and safety programs in Lexington-Fayette County.

**AV-V414                    Setting Speed Limits**

Vermont Local Roads Program, Saint Michael's College  
01/01/1994  
1/2" VHS, 10 min. Accompanied by a guide. Explains the procedures for setting a reasonable and safe speed limit. A traffic engineering survey is conducted in which six factors are considered for determining the speed limit.

**AV-V415                    Subsurface Utility Engineering: A Proven Solution**

DOT FHWA; So-Deep Inc.; Kamber Group  
06/30/1995  
1/2" VHS, 16 min. Intended for mid-level and upper management highway agency and utility personnel. The video describes the process for mapping underground utilities. The information is needed before the planning, designing, and construction of a project. Subsurface utility engineering can save money and time.

**AV-V416                    Make Winter Driving Safer**

AAA Foundation for Traffic Safety  
01/01/1982  
\* 1/2" VHS, 13 min. Emphasizes proper techniques for anticipating and avoiding winter accidents due to skidding on ice and snow including how to recover from a skid. Outlines the precautions a driver should take to prepare his or her car for cold weather and shows the proper use of jumper cables.

**AV-V417                    Driving in Bad Weather**

AAA Foundation for Traffic Safety  
01/01/1994  
\*1/2" VHS, 9 min. This video dramatizes the blinding effects of dust, fog, smoke, rain, snow and ice and how to counter them while driving. Stresses the need to slow down to maintain control. Also presents tips on maintaining a car properly to better prepare for bad conditions. Comes with teacher's guide.

- AV-V418**                    **Growing National Concern Regarding Transportation Development and Environmental Quality**  
University of Kentucky  
03/25/1994  
1/2" VHS, 91 min. 1994 Transportation Roundtable Luncheon, Tom Deen, March 25, 1995. University of Kentucky Spindletop Hall. Tom Deen discusses the issues, trends, and needs concerning transportation development and environmental quality.
- AV-V419**                    **Kentucky Transportation Center**  
University of Kentucky News Services  
06/01/1992  
1/2" VHS, 47 min. A series of vignettes on the Kentucky Transportation Center describing the mission, programs, and functions of the Center. Includes an interview of Calvin Grayson, KTC director, and information on the Advanced Institute and TRANSPO.
- AV-V420**                    **Future of Highways and Mass Transit**  
National Press Foundation; C-SPAN  
03/01/1991  
\*1/2" VHS, 106 min. A panel discussion on policy and financial issues on highways and transit as they relate to the recent surface transportation legislation.
- AV-V421**                    **Driver's Certification Training Project**  
University of Tennessee, Knoxville  
1/2" VHS, 3 hr. 26 min. An overview and review of the requirements for the commercial vehicle drivers license. Includes a review of the vehicle inspection procedures.
- AV-V422**                    **AASHTO T-27: Sieve Analysis of Fine Aggregate, Sieve Analysis of Coarse Aggregate**  
Oklahoma Dept. of Transportation  
04/16/1988  
1/2" VHS, 28 min. Intended for researchers and laboratory personnel. A demonstration and explanation of the procedures of the AASHTO Test Method 27, sieve analysis of fine and coarse aggregate.
- AV-V423**                    **Work Zone Safety for Roadway Maintenance Operations on Rural Highways, Parts 1-7.**  
DOT FHWA  
01/01/1995  
1/2" VHS, 108 min. Includes an introduction, traffic control devices, traffic control zones, typical applications, flagging operations, legal liability, and a typical day. Training is for temporary traffic control for short term work sites.
- AV-V425**                    **Ultra-Thin Whitetopping: Today's Choice for Durable Pavement Overlays**  
National Ready Mixed Concrete Assn.; American Concrete Pavement Assn.  
\*1/2" VHS 8min. Accompanied by a brochure. Describes the process and advantages of ultra-thin concrete whitetopping. Two to four inches of high

strength, fiber-reinforced concrete is placed over a specially prepared surface of distressed asphalt.

**AV-V426**

**Sorry, I Didn't Hear That**

Safety Short Production, Inc.

01/01/1991

\*1/2" VHS, 5 min. Noise at the work site can impair our hearing. This video addresses the danger levels of noise and what can be done to protect our hearing.

**AV-V427**

**Big Chill**

Safety Short Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. Overexposure to cold can cause hypothermia, a life threatening condition. This video reviews the causes of hypothermia and the procedures to be taken when someone experiences hypothermia.

**AV-V428**

**Reduce Accident Rates by as Much as 90%!; Dress Safe**

Safety Short Production, Inc.

01/01/1992

\*1/2" VHS, 10 min, 5 min. The first program describes the benefits of a safety program using Safety Shorts videos. The second program is about dressing properly for the job to prevent accidents and injuries.

**AV-V429**

**Paradigm Principles**

ChartHouse International

01/01/1996

\*1/2" VHS, 37 min. LOAN TO KTC STAFF ONLY. This video identifies when a change in paradigms is likely to occur, who will bring it, and how to capitalize on it. Accompanied by a manual.

**AV-V430**

**Light at the End of the Tunnel: The Eisenhower Tunnel Rehabilitation Project**

DOT-FHWA, Colorado Dept. of Transportation

01/01/1996

\*1/2" VHS, 9 min. Using innovative techniques, replacement concrete wall panels were installed in the Colorado Eisenhower Tunnel, while maintaining traffic flow.

**AV-V431**

**Paving the Way...to the 21st Century**

Asphalt Emulsion Manufacturers Assn.

01/01/1995

\*1/2" VHS, 11 min. Asphalt emulsion is a paving and maintenance material. This video covers the advantages as well as the production, storage, handling, and testing of asphalt emulsion.

**AV-V432**

**Asphalt Roadway Rehabilitation**

DOT-FHWA

1/2" VHS, 6 min. This video gives an overview of asphalt roadway rehabilitation and a course that is offered by the LTAP centers. The course is designed to help determine the proper rehabilitation alternative. Three types of rehabilitation are covered in the course: recycling, resurfacing, and surface treatment.

- AV-V433**            **Asphalt Paving Inspections**  
 DOT FHWA  
 01/01/1995  
 1/2" VHS, 60 min. This video has three parts: preliminary responsibilities, paving operation, and problems. Inspection throughout the process helps ensure a quality pavement.
- AV-V434**            **Chip Seal Application**  
 DOT-FHWA  
 1/2" VHS, 40 min. Chip seals give pavement a waterproof and skid resistance surface. This video covers preliminary concerns, chip seal procedures, and chip seal problems.
- AV-V435**            **Problems with Gravel Roads**  
 DOT-FHWA  
 1/2" VHS, 55 min. This video looks at the causes of gravel road problems and the best ways to prevent and correct the problems. The video also addresses the environment, materials, maintenance equipment and techniques.
- AV-V436**            **Sign Maintenance and Installation**  
 DOT-FHWA  
 1/2" VHS, 27 min. This video covers procedures for tracking and prioritizing sign maintenance, traffic control devices, and field operations.
- AV-V437**            **General Welding Safety and Tank Repair**  
 Michigan Technological University  
 01/01/1995  
 \*1/2" VHS, 52 min. Covers fire hazards, hazard prevention, extinguishing fires, body and eye protection, explains various non-welding methods of tank repair and the proper procedure for the dangerous task of welding or cutting a tank.
- AV-V438**            **Gas Welding and Metal Identification**  
 Michigan Technological University  
 01/01/1995  
 \*1/2" VHS, 87 min. Explains the proper maintenance of gas welding equipment and regular setup. Demonstrates techniques for cutting various types of metal stock, fusion welding and brazing. The metal identification section demonstrates metal identification using chemicals, flame, or the spark test.
- AV-V439**            **Arc Welding**  
 Michigan Technological University  
 01/01/1995  
 \*1/2" VHS, 50 min. Explains how an arc welder works (AC and DC), welder setup, and special safety issues. Describes the narrow electrodes and their uses.
- AV-V440**            **Asphalt-PASER: Pavement Surface Evaluation and Rating**  
 Michigan Technological University  
 01/01/1995  
 \*1/2" VHS, 46 min. This tape gives an overview of surface management for asphalt pavement. Discusses surface evaluation and distress, and presents a method for rating pavement.

- AV-V441**                    **Teacher's Introduction to TRAC; Not So Wild a Dream**  
AASHTO  
01/01/1993  
\*1/2" VHS, 10 min, 21 min. TRAC is an educational program to excite high school students about math and the sciences, using real world applications in the fields of engineering and transportation. Accompanied by a folder, 'AASHTO/TRAC Program'.The second program encourages minorities to study the sciences, by interviewing professional scientists, who are minorities.
- AV-V442**                    **Today's Reality: ITS in America**  
ITS America  
01/01/1995  
\*1/2" VHS, 10 min. This video highlights North America's best examples of successful Intelligent Transportation Systems (ITS) deployment across a broad range of technology applications.
- AV-V443**                    **Love and Profit: The Art of Caring Leadership**  
Excellence in Training Corporation  
01/01/1993  
\*1/2" VHS, 33 min. LOAN TO KTC STAFF ONLY. Gain insight into how to lead others with honesty, trust, special treatment, and courage. Includes book, participant workbook, and training leader's guide.
- AV-V444**                    **How to Resolve Conflict on the Job**  
Communication Briefings  
01/01/1994  
\*1/2" VHS, 16 min. This video demonstrates ways to manage conflict so that goals can be achieved. Interpersonal communication skills are presented to help co-workers reach consensus to resolve conflicts.
- AV-V445**                    **How to Design Eye-Catching Brochures, Newsletters, Ads, Reports and Everything Else You Want People to Read**  
CareerTrack, Inc.  
01/01/1995  
\*1/2" VHS, 46 min, 44 min, 54 min, 55 min. (4 Vol.'s). Vol.1: Graphically Speaking: The Three Stages of Readership. Vol.2: Function Follows Form: Creating Layouts to Serve a Purpose. Vol.3: Just Your Type: Using Text as a Design Element. Vol.4: Overcoming "Deadline Dilemma": How to Kick-Start Your Creative Process. Accompanied by manual (Z283.C44 1995)
- AV-V446**                    **Roadway Design: Balancing Safety, Environment and Cost**  
Minnesota Dept. of Transportation  
09/01/1995  
\*1/2" VHS, 13 min. Three important factors should be considered when constructing or rebuilding a roadway: safety, environmental protection, and cost. Cooperation between engineers and citizens can create a design that balances these three factors.
- AV-V447**                    **Protective Equipment**  
Safety Short Production, Inc.

01/01/1990

\*1/2" VHS, 5 min. Stresses the importance of wearing personal protective gear such as hard hats, safety shoes, eye protection, gloves, and other equipment.

**AV-V448**

**Tag, You're It**

Safety Short Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. Shutting down and locking out machinery prior to making repairs is an important safety procedure. Lock out/tag out procedures are shown.

**AV-V449**

**Handling the Heat**

Safety Short Production, Inc.

01/01/1992

\*1/2" VHS, 5min, Heat Stress can be a problem in the workplace. This video explains how to recognize heat stress and offers some remedies.

**AV-V450**

**Hand and Power Tool Safety**

Long Island Productions, Inc.

01/01/1992

\*1/2" VHS, 7 min. This video covers the safe and proper use of hand and power tools.

**AV-V451**

**Confined Space Entry: The Final Regulation**

Long Island Productions, Inc.

01/01/1993

\*1/2" VHS, 20 min. This video covers the types of hazards occurring in confined spaces as well as the basic procedures for entering confined spaces.

**AV-V452**

**Tree Trimming Safety**

Long Island Productions, Inc.

\*1/2" VHS, 19 min. This video covers the hazards and the safe use of equipment needed to trim trees, including ladders and chain saws. Proper tree trimming procedures are also covered.

**AV-V453**

**Hard Hat Safety**

Long Island Productions, Inc.

\*1/2" VHS, 5 min. Stresses the importance of wearing hard hats for the safety and protection of workers.

**AV-V454**

**On the Road to Equality: Women in Highway Construction**

DOT FHWA

1/2" VHS, 33 min. This video covers the opportunities for women in highway construction. Current conditions and legislation are also covered. The video is also useful as a recruiting tool.

**AV-V455**

**Understanding Superpave Mix Design**

National Asphalt Pavement Assn.; DOT FHWA

12/01/1995

\*1/2" VHS, 13 min. This video describes Superpave which is a performance based asphalt mix design. Superpave has new binder specifications and performance graded ratings. The binder requirements, aggregate properties, volumetric

properties, and new compaction method are described.

- AV-V456**      **What is ARTIMIS? Advanced Regional Traffic Interactive Management and Information System**  
Kentucky Transportation Cabinet; Ohio DOT  
01/01/1996  
\*1/2" VHS, 10 min. A Traffic Management System in Cincinnati, Ohio and Northern Kentucky that uses sensors, video cameras, changeable message signs, and highway advisory radio to monitor the freeways, report incidents, and help traffic flow.
- AV-V457**      **ARTIMIS**  
Kentucky Transportation Cabinet  
09/23/1995  
\*1/2" VHS, 10 min. A traffic management system in Cincinnati, Ohio and Northern Kentucky.
- AV-V461**      **Slips, Trips and Falls**  
Coastal Video Communications Corp.  
01/01/1995  
\*1/2" VHS, 5 min. This video covers the causes of slips, trips, and falls and what to do to avoid them. Ladder safety is included.
- AV-V462**      **Head Protection**  
Coastal Video Communications Corp.  
01/01/1995  
\*1/2" VHS, 5 min. The impacts of head injuries are covered as well as hard hats and their proper wear and care.
- AV-V463**      **Portable Fire Extinguishers**  
Coastal Video Communications Corp.  
01/01/1993  
\*1/2" VHS, 4 min. Covers the types of fire extinguishers and how to use them.
- AV-V464**      **Fire Prevention**  
Coastal Video Communications Corp.  
01/01/1994  
\*1/2" VHS, 5 min. Fire prevention measures include identifying fire hazards and knowing your organization's fire prevention plan.
- AV-V465**      **Training Made Easy**  
Planner Press; American Planning Assn.  
01/01/1994  
\*1/2" VHS, 15 min. Seven training principles and additional tips are presented to ensure lively, effective, and instructive training. Accompanies the manual: "Planning Made Easy." (HT167.T66 1994)
- AV-V466**      **Earthquake: A Matter of Time**  
Kentucky Educational Television; Kentucky Network  
01/01/1990  
\*1/2" VHS, 87 min. This video addresses the New Madrid fault and earthquake

preparedness. Planning strategies for school, work, community, and home are given. Followed by a panel discussion.

- AV-V467**      **Back Safety Training Timeout**  
Coastal Video Communications Corp.  
01/01/1994  
\*1/2" VHS, 5 min. Video covers proper lifting techniques and the importance of exercise and good general fitness
- AV-V468**      **Communicating Your Public Works Image with Power**  
American Public Works Assn.  
01/01/1996  
5 tapes, 1/2" VHS. Accompanied by a Student's Manual. A program that addresses the identification of constituencies, how to target and send messages to them, and how to deal with media professionals.
- AV-V469**      **Traffic Control: What Works?**  
Minnesota Local Road Research Board; Minnesota Dept. of Transportation  
09/01/1996  
\*1/2" VHS, 14 min. Demonstrates how traffic engineers develop reasonable, research-based traffic control strategies and choose the appropriate traffic control devices. The video addresses stop signs, yield signs, and speed limit signs.
- AV-V470**      **Right-of-Way Mowing Safety**  
Video Information System Training Associates, Inc.  
01/01/1996  
\*1/2" VHS, 23 min. Filled with practical advice on ways to avoid accidents for mower operators, bystanders and the driving public. Part I - Pre-start inspection and maintenance advice. Part II - A variety of mowing applications from the operator's seat.
- AV-V471**      **Secrets of Lost Empires: Inca**  
WGBH Educational Foundation  
01/01/1997  
\*1/2" VHS, 60 min. An exploration into construction techniques used by the Incas in building their structures and suspension bridges.
- AV-V472**      **Newton's Apple Salutes Engineers**  
Newton's Apple; National Engineers Week  
1/2" VHS, 64 min. Seven segments that show different aspects of engineering. Includes bridge design, domed stadiums, navigation dams, glass recycling, airplane fire fighting, and artificial joints.
- AV-V473**      **Along for the Ride: Safer Bicycling for Everyone**  
DOT FHWA  
01/01/1994  
\*1/2" VHS, 17 min. Reviews bicycle safety: wear a helmet, follow the rules of the road, be visible, share the road. Accompanied by a brochure (DOT-HS-807-832)
- AV-V474**      **Utility Cuts in Paved Roads, Part 1 and 2**  
Local Technical Assistance Program

\*1/2" VHS, 41 min. Addresses utility cut problems due to poor methods or poor management. Shows the proper procedures for utility cuts and the related pavement repair.

- AV-V475**            **Preservation of Oregon's Historical Coastal Bridges**  
Oregon Dept. of Transportation  
\*1/2" VHS, 29 min. The Oregon Dept. of Transportation is trying to preserve their historic coastal bridges through rehabilitation and cathodic protection. Accompanied by a brochure.
- AV-V476**            **Making Safer Roads**  
Insurance Institute for Highway Safety  
01/01/1996  
\*1/2" VHS, 12 min. Addresses roadside hazards found mostly on rural secondary roads. Solutions include clear zones, safety barriers, energy absorbing crash cushions, and break away poles.
- AV-V477**            **It Always Happens to the Other Guy**  
John Deere; National Safety Council  
\*1/2" VHS, 21 min. Reviews the safe operation of heavy construction equipment.
- AV-V478**            **Safety Training for Repair Technicians**  
Video Information System Training Associates, Inc.  
01/01/1996  
\*1/2" VHS, 21 min. Reviews safety procedures and personal protective equipment to prevent eye, hand, and back injuries.
- AV-V479**            **School Zone Safety**  
Montana State University; Montana Dept. of Transportation  
01/01/1995  
\*1/2" VHS, 20 min. This video addresses school age pedestrian safety. It reviews the equipment and duties of school crossing supervisors, school zone standards, and instructing children on safe crossings.
- AV-V480**            **Anti-Icing for Maintenance Personnel**  
U.S. Army Cold Regions Research and Engineering Laboratory  
\*1/2" VHS, 13 min. Covers the following anti-icing tools: materials, equipment, personnel, and strategy.
- AV-V481**            **What is Anti-Icing?**  
U.S. Army Cold Regions Research and Engineering Laboratory  
\*1/2" VHS, 9 min. Anti-icing prevents a strong bond between the ice and the pavement resulting in savings of cost, personnel time, materials, and the environment.
- AV-V482**            **Unrestrained Motorists: The Cost to Your Community**  
DOT NHTSA  
\*1/2" VHS, 8 min. Stresses the importance of wearing safety belts and the costs incurred from accidents when safety belts are not worn. Also, emphasize safety programs that result in higher use of safety belts.

- AV-V483**                    **Ready...Set...Winter! Driving Safely on Ice and Snow**  
 General Motors; AAA Foundation for Traffic Safety  
 12/01/1996  
 \*1/2" VHS, 13 min. Accompanied by a facilitator's guide. Provides an overview of how to prepare the vehicle for harsh, winter weather, describes several driving situations that require special attention, and explains how to handle common winter driving problems.
- AV-V484**                    **Flagger Training for Construction, Maintenance & Utility Operations**  
 North Carolina State University  
 01/01/1996  
 \*1/2" VHS, 23 min. "Flagging Operations and Procedures", Instructor's Guide, Flagger's Handbook, and Problem Worksheets. Covers the proper flagging procedures in different work zone situations.
- AV-V485**                    **Basic Work Zone Safety Training**  
 North Carolina State University  
 09/01/1996  
 \*1/2" VHS, 23 min. Video: Flagging Operations and Procedures (SCDOT); Booklets: Guidelines for Construction, Maintenance, and Utility Operations; Instructor's Guide; Student Manual.
- AV-V486**                    **Utility Cut Repair: Doing it Right**  
 Minnesota Local Road Research Board  
 09/01/1996  
 \*1/2" VHS, 11 min. The video shows the proper procedure for making utility cut repairs.
- AV-V488**                    **Bridge Evaluation and Posting**  
 North Carolina State University  
 01/01/1993  
 \*1/2" VHS, 38 min. Divided into five modules, the video covers bridge inspection and evaluation as well as explains the purpose of bridge weight limit postings.
- AV-V489**                    **America in Jeopardy: Drugs in the Workplace**  
 Video Information System Training Associates, Inc.  
 01/01/1997  
 \*1/2" VHS, 20 min. Case studies of people that have taken drugs or alcohol and its impact on safety and job performance.
- AV-V490**                    **Construction Management Systems Series**  
 DOT FHWA; International Road Federation  
 01/01/1997  
 \*1/2" VHS, 95 min. (19 min. for each segment). This program provides a basic overview and identifies the basic functions of a construction management system (CMS). The major elements of the CMS are: planning and staffing, budgeting, scheduling, monitoring, and system updating.
- AV-V491**                    **Contract Maintenance Series**  
 DOT FHWA; International Road Federation  
 01/01/1997

\*1/2" VHS, 60 min. (20 min. per segment). This program covers contract maintenance: what it is and why it is used.

**AV-V492**

**Highway Management Series, Part 1**

DOT FHWA; International Road Federation

01/01/1997

\*1/2" VHS, 87 min. (20-23 min. per segment). This program introduces highway management systems, pavement management systems (PMS), and covers PMS data collection, and developing and implementing pavement management.

**AV-V493**

**Highway Management Series, Part 2**

DOT FHWA; International Road Federation

01/01/1997

\*1/2" VHS, 101 min. (18-22 min. per segment). This program gives an overview of maintenance management systems (MMS), and also includes developing maintenance standards, work planning process, work authorization and scheduling, and work reporting and evaluation.

**AV-V494**

**Traffic Safety Series**

DOT FHWA; International Road Federation

01/01/1997

\*1/2" VHS, 59 min. (19-20 min. per segment). This program outlines the system for identifying and solving highway safety problems.

**AV-V495**

**Equipment Management Systems Series**

DOT FHWA; International Road Federation

01/01/1997

\*1/2" VHS, 114 min. (19 min per segment). This program discusses the basics of an equipment management system, including inventory control, fleet planning, purchasing and replacement, maintenance, parts and supplies management, financial management, and management information.

**AV-V496**

**Low Volume Roads Series**

DOT FHWA; International Road Federation

01/01/1997

\*1/2" VHS, 38 min. (19 min per segment). This program covers the basics of setting maintenance priorities for rural roads. It also covers the basics of managing maintenance for low-volume roads, including maintenance activities, road and bridge inventory, work planning, labor or equipment programming, scheduling, budgeting and work monitoring.

**AV-V497**

**Technology Transfer Series**

DOT FHWA; International Road Federation

01/01/1997

\*1/2" VHS, 43 min. (19 min, 24 min). This program covers the proper steps for effective transfer and the basic procedures for establishing an effective technology transfer program.

**AV-V498**

**Super Bridge**

WGBH Education Foundation; Peace River Films

01/01/1997

\*1/2" VHS, 120 min. The Clark Bridge, spanning the Mississippi River at Alton, Illinois, is a cable-stayed design. This video follows the four-year construction of the bridge and the challenges that were met.

**AV-V499**

**Backhoe Loader: Pre-Start Inspection**

Video Information System Training Associates, Inc.

01/01/1992

\*1/2" VHS, 12 min. A good daily pre-start inspection keeps the machine running reliably all day long.

**AV-V500**

**Backhoe Loader: Safe Operating Techniques**

Video Information System Training Associates, Inc.

01/01/1992

\*1/2" VHS, 15 min. This video provides safe operating practices for the backhoe loader in a variety of situations and uses.

**AV-V501**

**Backhoe Loader: Maintenance & Transport**

Video Information System Training Associates, Inc.

01/01/1992

\*1/2" VHS, 9 min. This video covers the correct and safe maintenance and transport methods for the backhoe loader.

**AV-V502**

**Snow Removal Techniques: Plowing Tips from the Pros**

Video Information Systems Training Associates, Inc.

01/01/1997

\*1/2" VHS, 23 min. This video covers the safe and efficient plowing techniques for different conditions and situations.

**AV-V503**

**Safe and Efficient Operation of Hand-Held Cutoff Saws**

Video Information System Training Associates, Inc.

01/01/1997

\*1/2" VHS, 18 min. This video demonstrates the safe and effective methods of operation in a variety of applications.

**AV-V504**

**Fit to Be Tied: Retrofitting PCC Pavement with Dowel Bars, Dowel Bar Insertion for Load Transfer at Mid Panel Crack, Retrofitted Load Transfer Devices**

DOT FHWA; Washington State Dept. of Transportation

\*1/2" VHS, 52 min. This video covers the rehabilitation and retrofitting of PCC pavement with dowel bars for load transfer.

**AV-V505**

**Hand and Wrist Injuries**

Long Island Productions Inc.

01/01/1992

\*1/2" VHS, 7 min. Covers hand and wrist injuries such as sprains, strains, cuts, lacerations, and fingertip injuries. The medical care for each injury is also covered.

**AV-V506**

**Forklift Safety**

Long Island Production

01/01/1994

\*1/2" VHS, 12 min. Covers proper operating requirements and safety tips for forklifts.

**AV-V507**

**Landscape Maintenance**

Long Island Productions

01/01/1988

\*1/2" VHS, 17 min. Covers proper attire and PPE; mower/string trimmer use and maintenance; other hazards such as chemicals and snakes; safety for chain saws and chippers.

**AV-V508**

**Foot Protection**

Long Island Productions

01/01/1988

\*1/2" VHS, 6 min. Covers foot injuries and the various types of shoes to protect your feet.

**AV-V509**

**Lockout/Tagout of Construction Equipment**

Video Information System Training Associates, Inc.

01/01/1988

\*1/2" VHS, 18 min. Demonstrates safe work practices in mobile equipment repairs. The video provides step-by-step procedures for lockout/tagout and for controlling hazardous energy releases.

**AV-V510**

**Ergo Kinetics: Smart Moves for Office Ergonomics**

Bureau of Business Practice

01/01/1995

\*1/2" VHS, 17 min. Includes Supervisory video, Supervisory Leader's Guide, and Supervisory Workbook. An introduction to ergonomics and specific types of injuries and illnesses due to poor ergonomic design and work practices. Also covers the four elements of an ergonomics program and practical tips for making the office work more user friendly.

**AV-V511**

**Outdoor Safety: Critters and Plants**

Safety Short Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. This video covers outdoor safety as it relates to poisonous plants and animals.

**AV-V512**

**Violence in the Workplace**

Safety Short Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. Violence in the workplace is increasing. The video covers the signs of potential violence and what to do.

**AV-V513**

**Riding on Rolling Stock**

Safety Short Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. Riding as a passenger on rolling stock or construction equipment is dangerous and can result in injury or death.

**AV-V514**

**Heat Can Kill**

Safety Short Production, Inc.

01/01/1988

\*1/2" VHS, 5 min. Heat stroke and heat exhaustion can occur in any type of hot working environment. The symptoms of each are described and the proper first aid treatment is outlined.

- AV-V515                    Sexual Harassment: Your Rights & Responsibilities**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Sexual harassment in the workplace is illegal. The video illustrates the laws and offers suggestions for preventing sexual harassment on the job.
- AV-V516                    Slip, Slop & Slap**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Those that work outdoors are exposed to the risk of skin cancer. The video covers recognizing the disease and simple preventative measures.
- AV-V517                    Medical Emergencies in the Workplace I: Life-Sustaining Response**  
Bureau of Business Practice, Prentice Hall  
01/01/1992  
\*1/2" VHS, 14 min. Includes a Leader's Guide. This video is meant to increase awareness of what can happen during medical emergencies and how to respond. Viewers are encouraged to take a formal first-aid/CPR class.
- AV-V518                    Aviation in Kentucky: An Economic Success Story**  
Kentucky Transportation Cabinet  
\*1/2" VHS, 9 min. This video shows how aviation impacts business, tourism, industry, and economic development in Kentucky.
- AV-V520                    When Lightning Strikes**  
Safety Short Productions  
01/01/1991  
\*1/2" VHS, 5 min. Reviews safety procedures when lightning is around.
- AV-V521                    Driving Defensively I**  
Safety Short Productions  
01/01/1991  
\*1/2" VHS, 5 min. Drivers are reminded of the dangers in daily driving routines. See also video 522.
- AV-V522                    Driving Defensively II**  
Safety Short Productions  
01/01/1991  
\*1/2" VHS, 5 min. This video explains ways in which accidents can be prevented by driving defensively.
- AV-V523                    How to Prepare for an OSHA Inspection**  
Safety Short Production  
01/01/1998  
\*1/2" VHS, 5 min. OSHA is authorized to conduct workplace inspections to enforce

its safety and health standards. One should know and follow all safety rules and regulations for work.

- AV-V524**      **Safety Is Your Responsibility**  
Safety Short Production, Inc.  
01/01/1997  
\*1/2" VHS, 5 min. Safety begins with the right attitude. Personal problems brought to the workplace can create a dangerous situation.
- AV-V525**      **On Any Given Day**  
Safety Short Production, Inc.  
01/01/1994  
\*1/2" VHS, 5 min. Accidents can happen any place, at any time, often without any warning. By being more alert and cautious, many accidents can be prevented. Suggested ways to improve safety are covered.
- AV-V526**      **Timing Is Everything**  
Safety Short Production, Inc.  
01/01/1990  
\*1/2" VHS, 5 min. Workers are alerted to the potential dangers of shift work and how to avoid accidents.
- AV-V527**      **Protecting Our Pavement: Preventive Maintenance**  
DOT FHWA  
\*1/2" VHS, 14 min. The video discusses preventive pavement maintenance, specifically techniques and training, improved planning methods, and dedicated funding.
- AV-V528**      **Mayday Emergency Notification System Development**  
Enterprise Group  
09/01/1996  
\*1/2" VHS, 10 min. As part of the Intelligent Transportation System, the video covers the development of in-vehicle GPS and communication systems that call for assistance in case of an emergency or accident.
- AV-V529**      **Divided Highways: The Interstate and the Transformation of American Life**  
Films for the Humanities & Sciences  
01/01/1997  
\*1/2" VHS, 85 min. This program is about the Interstate Highway System. It describes the history, construction, and impacts of it.
- AV-V530**      **Low Speed Automobile Accidents: Accident Reconstruction and Occupant Kinematics, Dynamics and Biomechanics**  
Lawyers & Judges Publishing Co.  
01/01/1996  
\*1/2" VHS, 10 min. Comes with book of same name. Provides information on the interpretation and reconstruction of low speed (under 30 mph) accidents and occupant injury.
- AV-V531**      **Asphalt Emulsions and Their Uses**

Asphalt Emulsions Manufacturers Assn.; Asphalt Institute

01/01/1997

\*1/2" VHS, 15 min. This video addresses new technologies and shows various uses of asphalt emulsions.

**AV-V532**

**Hot Mix Asphalt is the Best Buy...All of the Time**

Asphalt Institute; National Asphalt Pavement Assn.

01/01/1997

\*1/2" VHS, 8 min. This video highlights the advantages of asphalt pavements. The video shows that asphalt is durable, economical, easily maintained, 100% recyclable, smooth, quiet, and safe.

**AV-V533**

**Design and Installation of Buried Pipes**

American Society of Civil Engineers

01/01/1998

\*1/2" VHS, 42 min. Accompanied by a Resource Book. This video is about pipe types and soil types and how, through good design and installation, they interact to form effective pipe-soil systems.

**AV-V534**

**Professional Image**

Long Island Productions

01/01/1993

\*1/2" VHS, 20 min. Eliminate employee guesswork about appropriate work habits and attire. Encourage development of professional skills and a successful business image. Covers wardrobe and grooming tips, office gossip, telephone etiquette, verbal and non-verbal communication, and maintaining a professional environment.

**AV-V535**

**Business Ethics**

Long Island Productions

01/01/1994

\*1/2" VHS, 19 min. This video presents for discussion common ethical challenges of the business world, covers personal morals vs. business ethics, self awareness of own ethical stance, and guidelines for making ethical decisions.

**AV-V536**

**Using Snow Plows on Motorgraders**

DOT FHWA

01/01/1998

\*1/2" VHS, 16 min. Details the correct way to attach snow plows to motorgraders and basic information on using snow plows. The video addresses three different types of plows: front single, v-plow, and the wing plow.

**AV-V537**

**Importance of Road Drainage**

DOT FHWA

01/01/1998

1/2" VHS, 19 min. This video discusses the roadway considerations (including surface and drainage maintenance) and the inspection of drainage systems. It also addresses the environmental issues associated with road drainage, federal and state permits, and liability for elements of design and maintenance.

- AV-V538**            **Equipment Management Systems (EMS)**  
 DOT FHWA  
 01/01/1998  
 1/2" VHS, 18 min. This video discusses the various elements of an equipment management system, including shop management, inventory control, fluid dispensing, and financial control.
- AV-V539**            **Presenting Vital Signs: The Case for Community Transit**  
 Kentucky Public Transit Assn.  
 01/01/1997  
 \*1/2" VHS, 10 min. This video examines public transit and its inexorable connection to the community. The film is a compilation of personal success stories told by the riders who depend on this service.
- AV-V540**            **Developing Positive Behavior**  
 Training Network Inc.  
 01/01/1996  
 \*1/2" VHS, 18 min. The video is intended to help employees with improvements in punctuality, attitude and getting along with others, responsibility for deadlines and work, and communication.
- AV-V541**            **Portions of Snow and Ice Program (Anti-Icing Workshop)**  
 Kentucky Transportation Center  
 11/13/1996  
 \*1/2" VHS, 180 min. A workshop on snow and ice control held in Lexington, KY on November 13, 1996.
- AV-V542**            **Strategies for Urban Wet Weather Management**  
 American Public Works Assn.  
 01/01/1998  
 \*1/2" VHS. 4 tapes. This APWA teleconference is on urban wet weather management. It addresses the regulatory program and four case studies.
- AV-V544**            **Civil Engineering: Check It Out; Make It Happen; Back to the Future, Please**  
 University of Arkansas  
 01/01/1998  
 \*1/2" VHS, 15 min. 5 min. per program. Designed to show and explain to children and young people what civil engineers do.
- AV-V545**            **Engineering Ethics: The Case of Challenger**  
 Center for Advancement of Applied Ethics; et al  
 01/01/1993  
 \*1/2" VHS, 29 min. Using the case of Challenger, the video addresses ethics and some of the associated issues.
- AV-V546**            **Planning for a Transit Friendly Community**  
 Miami Valley Regional Transit Authority  
 01/01/1998  
 \*1/2" VHS, 11 min. This video looks at how good transit planning meets the mobility needs of the public. Good transit planning addresses access to other

modes of transportation, convenient bus stops, and facilities.

- AV-V547**      **Night to Remember: Washington Celebrates the 40th Anniversary of the Interstate**  
Interstate Highway Commemorative Fund  
06/26/1996  
\*1/2" VHS, 41 min. A commemoration and review of the U.S. Interstate Highway System. See the manual: "Interstate Highway System 40th Anniversary" and the video: "Best Investment a Nation Ever Made".
- AV-V548**      **Best Investment a Nation Ever Made: A Call to Action**  
American Highway Users Alliance  
01/01/1996  
\*1/2" VHS, 11 min. This video covers the history, impacts, and benefits of the U.S. Interstate Highway System. The Highway Trust Fund is also discussed. See also the manual: "Interstate Highway System 40th Anniversary" and the video: "Night to Remember".
- AV-V549**      **Deposition**  
Pennsylvania Dept. of Transportation  
07/01/1991  
\*1/2" VHS, 17 min. A dramatization giving examples of the correct way to respond to questions. Attention is given to the questioning tactics attorneys might use.
- AV-V550**      **Resilient Modulus Executive Summary: Is This the Right Time?**  
DOT FHWA  
01/01/1998  
\*1/2" VHS, 8 min. This video explains resilient modulus and why it is important to adopt the resilient modulus test procedure. The video is intended for administrators and engineers.
- AV-V551**      **Resilient Modulus Startup and Quality Control Procedures**  
DOT FHWA  
01/01/1998  
\*1/2" VHS, 15 min. This video begins with a detailed definition of resilient modulus. It then explains the procedure developed under the LTPP program to ensure that a laboratory is set up properly and that test results are comparable regardless of where or when they were obtained. (For laboratory managers and technicians)
- AV-V552**      **Resilient Modulus Sample Preparation and Test Procedures**  
DOT FHWA  
01/01/1998  
\*1/2" VHS, 13 min. This video, intended for managers and technicians, describes each of the steps in the resilient modulus test procedure, including how to prepare soil and aggregate samples.
- AV-V553**      **Learn How to Use Netscape Navigator**  
Netscape Communications Corporation  
01/01/1995  
\*1/2" VHS, 60 min. This video will help you master basic Internet browsing

techniques. It provides essential Netscape Navigator tips and the relationship between your computer and the Internet.

- AV-V554**      **ISTEA to TEA-21: The New Transportation Law**  
National Assn. of Counties  
09/23/1998  
\*1/2" VHS, 2 hrs. This teleconference video covers the components of the new law, and its effects on counties. Programs that obtained their fair share of funding is also covered.
- AV-V555**      **New Way of Planning: Comprehensive Plan and Related Documents**  
Lexington-Fayette Urban County Government  
10/01/1998  
1/2" VHS, 15 min. This video describes land-use planning for Lexington and Fayette County, Kentucky. It covers urban and rural planning, preservation and development, neighborhood planning and comprehensive planning.
- AV-V556**      **Chemical Burns**  
Safety Shorts Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Victims of chemical burns require immediate special attention. Chemical burns and first aid treatment are shown.
- AV-V557**      **Workplace Fatalities: Most Common Causes**  
Safety Shorts Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Every year, thousands of workers die from job-related accidents. To improve on-the-job safety, learn the common causes of accidents and be alert for hazards.
- AV-V558**      **Barricade Safety: The Forbidden Zone**  
Safety Shorts Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Serious injuries can be avoided when barricades are properly observed. Tips are offered on barricade safety, off and on the job.
- AV-V559**      **Beating a Blowout**  
Safety Shorts Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. When a tire blows, proper action by the driver can prevent a more serious accident. This video outlines the simple but important rules to follow when a blowout occurs.
- AV-V560**      **Just Horsing Around**  
Safety Shorts Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Joking around on the job is no laughing matter, as this video shows.
- AV-V561**      **Sharing the Road**  
AAA Foundation for Traffic Safety

01/01/1994

\*1/2" VHS, 7 min. This video helps motorists understand the special concerns and dangers faced by pedestrians, truck drivers, motorcyclists, bicyclists, and ambulance drivers.

**AV-V562**

**Managing Space and Time for Safe Driving**

AAA Foundation for Traffic Safety

01/01/1996

\*1/2" VHS, 8 min. This video illustrates how good drivers continually adjust their driving to maintain a safe space cushion in traffic. It emphasizes the need for maintaining a safe following distance and the active use of your eyes to know what is going on all around.

**AV-V563**

**Dangerous Crossings: A Second Thought**

Automobile Club of Michigan

01/01/1994

\*1/2" VHS, 17 min. This video shows the tragic consequences that can result when people fail to yield at railroad crossings. The danger involved is made clearer through the voices of those affected.

**AV-V564**

**Foot Closer to Safety**

Safety Shorts Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. A worker's feet are two of his or her most important possessions. The necessity of proper foot protection and basic safety shoe types are explained.

**AV-V565**

**Flashburn**

Safety Shorts Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. Flashburn to the eye can result when ultraviolet rays emitted by an arc welder are absorbed into the eye's cornea. Viewers are shown the damaging effects of flashburn and prevention methods.

**AV-V566**

**One Breath Away**

Safety Shorts Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. One breath, that's all it takes to die from hydrogen sulfide poisoning. Working at job sites where the highly toxic gas is found demands extra safety efforts on the part of all workers.

**AV-V567**

**Back Belts**

Safety Shorts Production, Inc.

01/01/1992

\*1/2" VHS, 5min. Back belts can help reduce lifting-related back injuries, but they have to be used correctly. The proper and improper uses of back belts are illustrated.

**AV-V568**

**Where Are Your Hands?**

Safety Shorts Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. Hand injuries account for a major portion of on-the-job accidents in today's workplace. This video outlines the "do's" and "don'ts" of hand safety.

**AV-V569**

**Eye Injuries**

Safety Shorts Production, Inc.

01/01/1992

\*1/2" VHS, 5 min. Injuries to the eye can happen in an instant. This video graphically depicts injuries that can be suffered when proper eye protection is ignored.

**AV-V570**

**Shock Hazards: Power Tools**

Safety Shorts Production, Inc.

08/01/1997

\*1/2" VHS, 5min. Improperly used or maintained power tools can injure or kill. Learn simple ways to prevent shock from power tools.

**AV-V571**

**Understanding the Vibratory Roller**

National Asphalt Pavement Assn.

\*1/2" VHS, 19 min. This video provides clear instructions on how to operate and maintain a vibratory roller. It illustrates how a vibratory roller differs from a static roller, and how it impacts the asphalt. Amplitude, frequency, dynamic force, and calculations for maximum efficiency are all clearly explained and illustrated.

**AV-V572**

**Handling Hot Mix Asphalt**

National Asphalt Pavement Assn.

01/01/1994

\*1/2" VHS, 16 min. This video is designed for the ground crew of the paving operation. It provides tips and demonstrates proper shoveling and raking/luting techniques for handling HMA.

**AV-V573**

**Hauling Hot Mix Asphalt**

National Asphalt Pavement Assn.

01/01/1993

\*1/2" VHS, 8 min. This video follows an actual truck driver working and sharing his professional views about what it takes to haul HMA. It provides invaluable tips for loading and driving safely, and being an integral part of the paving team.

**AV-V574**

**Modern Asphalt Plants**

National Asphalt Pavement Assn.

01/01/1994

\*1/2" VHS, 14 min. This video shows how hot mix asphalt facilities operate and how HMA benefits the community. Intended for the general public.

**AV-V575**

**Road Crew Safety: Safe Practices for Road Construction and Paving Crews**

Video Information System Training Assn., Inc.

1/2" VHS, 24 min. Safety awareness for road construction crews is covered. The video targets ways to avoid serious and fatal accidents in paving work.

- AV-V576**                    **Preventing Road Rage: Anger Management for Drivers**  
 AAA Foundation for Traffic Safety  
 01/01/1998  
 \*1/2" VHS, 20 min. Violent aggressive driving, or "road rage," is a growing public concern. This video teaches viewers how to avoid offending other drivers, manage their own anger, and disengage from an angry encounter.
- AV-V577**                    **Forklift Safety: OSHA Final Rules**  
 Long Island Productions  
 01/01/1998  
 \*1/2" VHS, 18 min. This video covers all the new OSHA rules concerning forklifts. The video covers training and certification of operators, safe operating procedures, forklift stability, and refueling.
- AV-V578**                    **Protecting Our Pavements: Preventive Maintenance**  
 DOT FHWA; Michigan Dept. of Transportation  
 1/2"VHS, 14 min. Discusses preventive pavement maintenance, specifically techniques and training, improved planning methods, and dedicated funding.
- AV-V579**                    **A-OK Finger Safety**  
 Safety Short Production, Inc.  
 01/01/1992  
 \*1/2" VHS, 5 min. Finger injuries can impair the ability to work productively. With proper gloves and a little safety awareness, finger injuries can be avoided.
- AV-V580**                    **Murder On Your Hands**  
 Safety Short Production, Inc.  
 01/01/1992  
 \*1/2" VHS, 5 min. Hand injuries account for nearly one third of all workplace accidents. This video shows the need for proper hand protection.
- AV-V581**                    **Rigging and Lifting with Mobile Construction Equipment**  
 Video Information System Training Associates, Inc.  
 \*1/2" VHS, 27 min. Hydraulic excavators, wheel loaders, and backhoes were not designed to sling load materials. However, they frequently do material handling work out of necessity. This video provides easy-to-follow practical advice on correct rigging and hanging of unusual loads with mobile construction equipment.
- AV-V582**                    **Fundamentals of Hydraulics & Troubleshooting Part 1**  
 Kubota Tractor Corporation  
 01/01/1997  
 \*1/2" VHS, 45 min. Accompanied by a study guide (TA725.D55 1997). This video illustrates the fundamental operation of hydraulic systems. The concepts of component and circuit operation are illustrated. Each major component in the hydraulic system is discussed with respect to design, service and troubleshooting.
- AV-V583**                    **Advanced Hydraulics & Troubleshooting Part 2**  
 Kubota Tractor Corporation  
 01/01/1997  
 \*1/2" VHS, 52 min. Accompanied by a study guide (TA725.D55 1997). This video offers an advanced overview of the process of hydraulic system troubleshooting and

repair. Professional technicians present four case studies to demonstrate proper diagnosis, proper tool use, and how to remedy nearly any hydraulic problem.

**AV-V584**

**Hydraulics Symbols Part 3**

J.I. Case

\*1/2" VHS, 20 min. This video teaches one how to read hydraulic schematics.

Hydraulic circuits are illustrated in both line art/engineering drawings and cut-away new drawings.

**AV-V585**

**Work Zone Ahead: Highway Work Zone Safety**

Associated General Contractors of America

01/01/1996

\*1/2" VHS, 12 min. Provides basic safety training to road construction workers.

**AV-V586**

**Avoid Hot Mix Hazards: Working Safely With Hot Mix**

Associated General Contractors of America

01/01/1993

\*1/2" VHS, 14 min. Provides basic safety training to road construction workers exposed to hot mix hazards.

**AV-V587**

**Pave Your Way to Safety: Concrete Paving Safety**

Associated General Contractors of America

01/01/1993

\*1/2" VHS, 14 min. Provides basic safety training to road construction workers exposed to concrete hazards.

**AV-V588**

**Bloodborne Pathogens 2000**

Long Island Productions

01/01/1998

\*1/2" VHS, 19 min. Covers new terminology plus a new approach to meet training requirements. The video covers HBV, HCV & HIV; infection and exposure control; modes of transmission; PPE, signs and labels; exposure control plan; and workplace risks and cleanup.

**AV-V589**

**Respirator Standards**

Long Island Productions

01/01/1998

\*1/2" VHS, 21 min. Provides a complete outline of the extensive training required in new OSHA rule 1910.134 and NIOSH changes, including new terminology, cleaning and disinfecting, fit testing, and new respirators.

**AV-V590**

**Technician Guidelines for Antilock Braking Systems (ABS) for Trucks, Tractors, and Trailers**

American Trucking Associations, Inc.

\*1/2" VHS, 22 min. This video covers proper maintenance, troubleshooting, and inspection procedures for antilock braking systems (ABS).

**AV-V591**

**Smart Moves: Building the Intelligent Transportation Infrastructure**

DOT FHWA; Public Technology Inc.

01/01/1996

\*1/2" VHS, 10 min. Intelligent Transportation Infrastructure is an integrated

electronic network of the surface transportation system. It is key to managing transportation. Examples are given for Phoenix, Chicago, and Maryland.

- AV-V592**      **Training: The Obscured Advantage**  
DOT FHWA  
03/15/1996  
1/2" VHS, 6 min. The Local Technical Assistance Program (LTAP) of FHWA provides training that can help develop professional, motivated, productive, and safe employees. Training is key to the prevention of accidents and injuries.
- AV-V593**      **Improving American Roads Through International Technology Transfer**  
DOT FHWA  
01/22/1998  
1/2" VHS, 11 min. This video describes FHWA's International Scanning Program which involves sending a team to other countries to learn of new technologies and innovations and then implementing them in a timely manner.
- AV-V594**      **Tool Box Safety Talks: Working Around Construction Equipment Safely**  
Associated General Contractors of America  
01/01/1996  
\*1/2" VHS, 5 min. People operating equipment and working around equipment must be alert. Before operating equipment, you should walk around it. Use spotters when backing up. Teamwork is the key to safety.
- AV-V595**      **Tool Box Safety Talks: Construction Equipment Maintenance**  
Associated General Contractors of America  
01/01/1992  
\*1/2" VHS, 5 min. Proper maintenance will prevent injuries and loss of money and time. Each piece of equipment has manufacturer's recommended maintenance, including a checklist of routine maintenance. A maintenance log should be kept and the equipment should be stored properly.
- AV-V597**      **New Generation of Snow and Ice Control: Anti-Icing and RWIS**  
DOT FHWA; Iowa Dept. of Transportation  
02/24/1999  
1/2" VHS, 7 min. The video and booklet promote the use of road weather information systems (RWIS) and anti-icing as effective snow and ice control methods.
- AV-V598**      **Surface Defects In Formed Concrete**  
Portland Cement Assn.  
01/01/1996  
\*1/2" VHS, 20 min. An informative overview that addresses the most common surface defects in formed concrete. The relationship between proper vibration techniques and quality formed surfaces is also shown.
- AV-V599**      **Concrete Field Tests: What Do the Results Mean?**  
Portland Cement Assn.  
01/01/1998  
\*1/2" VHS, 17 min. This video explains the "why" behind four of the most basic, yet misunderstood, concrete field tests: slump, air content, yield, and compressive

strength.

- AV-V600**      **Fundamentals of Quality Concrete**  
Portland Cement Assn.  
01/01/1998  
\*1/2" VHS, 22 min. This video provides a basic understanding of concrete, defining what it is and how it's made. It also shows how factors like intended use, geographical location, and construction practices affect what goes into concrete mix. It also covers proper placing, consolidating, finishing, jointing, and curing.
- AV-V602**      **We All Live Downstream: An Introduction**  
Oregon State University  
01/01/1996  
\*1/2" VHS, 29 min. This video addresses nonpoint source pollution of waterways, specifically Oregon's Tualatin River. The video examines how local residents and government officials are trying to reduce nonpoint source pollution. It also offers tips on how individuals can help in cleaning up our drinking water supplies.
- AV-V603**      **New Records at New River**  
West Virginia Dept. of Transportation  
01/01/1987  
1/2"VHS, 25 min. This video describes the construction of the New River bridge in West Virginia.
- AV-V604**      **ITS/CVO Technology Truck Overview**  
DOT FHWA  
05/29/1997  
1/2" VHS, 2 min. See also Folder (V.F.) entitled "ITS/CVO Technology Truck". The ITS/CVO Technology Truck is a mobile exhibit designed to inform and educate people about the Intelligent Transportation Systems (ITS), Commercial Vehicle Operations (CVO) technologies.
- AV-V605**      **Building the Notched Wedge Joint**  
National Asphalt Pavement Assn.  
01/01/1998  
\*1/2" VHS, 8 min. Building longitudinal joints with the notched wedge technique ensures excellent performance by increasing density along the joint. There is also the benefit of added safety and convenience.
- AV-V606**      **Prefabricated Timber Bridge Deck Panels**  
U.S. Dept. of Agriculture Forest Service  
11/01/1998  
\*1/2" VHS, 11 min. This video illustrates a relatively low cost method for fabrication of timber decks over steel girders using methods developed by John Smolen.
- AV-V607**      **Batching, Mixing and Transporting Ready-Mixed Concrete**  
Portland Cement Assn  
01/01/1991  
\*1/2" VHS, 27 min. With Instructor's Guide. The video covers the recommended

procedures for manufacturing and delivering ready-mix concrete. It describes the ordering, batching, batch plant, mixture and agitators, mixing and delivery, job site control, inspection, and the basis for acceptance of ready mix concrete.

- AV-V608**                    **Decontamination Procedures**  
Long Island Productions  
01/01/1999  
\*1/2" VHS, 17 min. When working with hazardous materials or in a contaminated site, it is important to know about work practices, engineering controls, personal protective equipment, and decontamination for one's safety. These topics are covered in this video.
- AV-V609**                    **How to Select & Safely Use Herbicides**  
Long Island Productions  
01/01/1989  
\*1/2" VHS, 20 min. This video explains how to select the right herbicide and how to use them safely. It also covers identifying risks, application techniques, personal safety, and clean-up.
- AV-V610**                    **Hurricanes, Tornadoes & Floods**  
Long Island Productions  
01/01/1996  
\*1/2" VHS, 15 min. This video explains what to do in case of a hurricane, tornado, or flood. It is important to be prepared and plan ahead for these emergencies. The video reviews ahead for these emergencies. The video reviews procedures for both, before and after, the severe weather.
- AV-V611**                    **Dropoffs**  
Arkansas State Highway and Transportation Dept.  
02/04/1997  
1/2" VHS, 16 min. This video covers the proper traffic control and safety devices for dropoffs in work zones.
- AV-V612**                    **Tool Box Safety Talks: Safety Belts for Vehicle Safety**  
Associated General Contractors of America  
01/01/1992  
\*1/2" VHS, 6 min. This video stresses the importance of wearing safety belts and demonstrates their correct usage.
- AV-V613**                    **Acoustics and Your Environment: The Basics of Sound and Highway Traffic Noise**  
DOT FHWA  
02/01/1999  
1/2" VHS, 48 min. Accompanied by a report. This video covers the fundamentals of sound and highway traffic noise.
- AV-V614**                    **Diversions**  
Arkansas State Highway and Transportation Dept.  
02/04/1997  
1/2" VHS, 15 min. This video explains diversions or on-site detours for work zones.

It covers the planning, installing, maintaining and monitoring, and removing of diversions.

- AV-V615**      **Innovative Pavement Maintenance Technology: A SHRP Video Report**  
DOT FHWA  
04/14/1998  
1/2" VHS, 5 min. The video documents the equipment and materials used and the proper techniques followed on spray injection patching and joint sealing.
- AV-V616**      **Forum on Major Factors Affecting Asphalt Concrete Pavement Performance**  
Transportation Research Board  
01/11/1998  
\*1/2" VHS, 150 min. (2 tapes) Five 30 minute presentations. 1.Effect of Contractor Operations on Pavement Performance. 2.Paver Operations-Getting It Down Right and Smooth. 3.Segregation-The Birth of a Pothole? 4.Compaction-The Last Chance to Do It Right. 5.Effect of Mix Variability on Pavement Performance.
- AV-V617**      **Clean Air and Mobility: We Can Have Both**  
\*1/2" VHS, 10 min. Air quality is improving even with the increases in traffic. This is due to improvements in vehicles and fuels. Continuing research is working to improve the air more. There are a couple of issues that may impact this.
- AV-V618**      **Conducting the Performance Appraisal: Be a Coach, Not a Judge**  
Business Advantage, Inc.  
\*1/2" VHS, 34 min. This video reviews the steps of a performance appraisal and answers common questions about the process. See also the book: "The Human Touch Performance Appraisal" (HF5549.5.J62C3 1994)
- AV-V619**      **Multi-Piece Rim Wheel Safety**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Information about changing industrial tires. Learn how to safely change a multi-piece rim wheel.
- AV-V620**      **Single-Piece Rim Wheel Safety**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Learn how to safely change industrial tires. This video is about single-piece rim wheel safety.
- AV-V621**      **Five Minute Inspection**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. It takes just five minutes to inspect your rig to ensure your safety
- AV-V622**      **Bucket Trucks**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. To help avoid risks such as falls and exposure to electrical

hazards when using bucket trucks, learn and follow safe work practices.

- AV-V623**            **Decontamination**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Knowing procedures for decontamination from hazardous substances can minimize risks to health and safety.
- AV-V624**            **Now Hear This**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Help protect your hearing by knowing how much noise is too much, and by following requirements for hearing protection.
- AV-V625**            **Employee Responsibilities**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Every employee is required to fulfill certain responsibilities for safety. Failure to do so can lead to accidents.
- AV-V626**            **Watch Your Load**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Loose items inside a vehicle can be deadly projectiles in an accident or sudden stop. Hapless Hal illustrates the dangers of unrestrained cargo.
- AV-V627**            **Pesticide Primer**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 min. Learn what you can do to reduce your exposure to pesticides and their possible effects.
- AV-V628**            **Basic First Aid, Part 1**  
Safety Short Production, Inc.  
01/01/1992  
\*1/2" VHS, 5 Min. An overview of basic first aid procedures.
- AV-V629**            **Winter Driving Safety**  
Long Island Productions  
01/01/1998  
\*1/2" VHS, 18 min. Video shows how to drive safely in winter weather. It covers stopping distances, braking, skids, and what to do if you get stuck in snow/ice.
- AV-V630**            **Flagging and Work Zone Traffic Control Safety**  
Maryland Dept. of Transportation  
1/2" VHS, 24 min. This video reviews the procedures and equipment for safely flagging and setting up work zones in a variety of situations.
- AV-V631**            **Hand Signals for Construction Equipment**  
Video Information System Training Assn., Inc.

01/01/1999

\*1/2" VHS, 10 min. Reviews hand signals used in the operation of mobile construction equipment.

**AV-V632**

**Reasonable Suspicion: Drug Testing at Supervisor Discretion**

Long Island Productions

01/01/1997

\*1/2" VHS, 16 min. This video explains reasonable suspicion, levels of proof in our legal system, safe supervisor procedures, and confidentiality issues as they relate to drug testing.

**AV-V633**

**Flagging Traffic Safely**

Long Island Productions

01/01/1999

\*1/2" VHS, 5 min. The flagger is key to a safe work site for the workers and the motorists. The video reviews basic flagging procedures.

**AV-V634**

**D.O.T. Drug Training in the Workplace**

Long Island Productions

01/01/1995

\*1/2" VHS, 60 min. An in-depth look at controlled substance testing. It covers the history and effectiveness of testing; the dangers associated with drugs and alcohol; accuracy, confidentiality, and security of the testing procedure; and dealing with drug use in the workplace.

**AV-V637**

**After the Rain: Urban Runoff**

Oregon State University

01/01/1999

\*1/2" VHS, 29 min. The video explores the importance of water, the pressures our cities are placing on this precious resource, and ways that individuals can protect local drinking water supplies.

**AV-V638**

**Unclogging America's Arteries: Prescriptions for Healthier Highways**

American Highway Users Alliance

11/30/1999

\*1/2" VHS, 8 min. These are media highlights that describe the worst traffic congestion areas in the country and some of the solutions for these problem areas. Also see book of same title: HE336.C64C36 1999

**AV-V639**

**Motor Fleet Maintenance Safety**

Long Island Productions

01/01/1998

\*1\2" VHS, 6 min. The video reviews safety procedures when working in fleet maintenance.

**AV-V640**

**Hunt Down Electrical Hazards**

Long Island Productions; Bureau of Business Practice

01/01/1995

\*1\2" VHS, 9 min. The video covers the use of the senses to identify potential electrical hazards and safe work practices for electricity.

- AV-V641**            **Myths About Personal Protective Equipment**  
 Long Island Productions  
 01/01/1993  
 \*1/2" VHS, 10 min. This video covers eight common myths about PPE.
- AV-V642**            **Sexual Harassment: Serious Business**  
 Long Island Productions  
 01/01/1996  
 \*1/2" VHS, 25 min. Build a harassment-free workplace both by informing all employees of their legal and ethical responsibilities, and by building awareness of the emotional and occupational costs of harassment incidents.
- AV-V643**            **Cumberland Gap Tunnel Tour: Drive into the Future**  
 Cumberland Gap Tunnel Authority  
 02/14/1997  
 \*1/2" VHS, 7 min. This video describes the safety and technical features of this tunnel.
- AV-V644**            **Effective Disaster Recovery Techniques**  
 American Public Works Assn.  
 04/15/1998  
 \*1/2" VHS, 4hrs. 4 tapes. Accompanied by a manual with the same title. An interactive video conference on disaster recovery techniques. Sessions cover planning for, preparing for, and recovering from disasters such as floods and cyber/computer threats. Critical incident stress management is also covered.
- AV-V645**            **Introduction to Winter Operations**  
 Iowa Dept. of Transportation  
 01/01/1997  
 \*1\2" VHS, 11min. The video covers various types of equipment and how they are used for effective snow and ice removal.
- AV-V646**            **Pre-Season Preparation**  
 Iowa Dept. of Transportation  
 01/01/1997  
 \*1\2" VHS, 30 min. This video covers the procedures for mounting snow removal equipment, as well as a step-by-step approach to conducting a pre-season check of plow trucks and all mounted equipment.
- AV-V647**            **Equipment Operation**  
 Iowa Dept. of Transportation  
 01/01/1997  
 1/2" VHS, 10 min. In this video you will learn about regular equipment checks, proper radio procedures and protocol, and the best clothing to wear for winter operations.
- AV-V648**            **Plowing Techniques**  
 Iowa Dept. of Transportation  
 01/01/1997  
 1\2" VHS, 30 min. The basic plowing techniques and procedures for clearing two-lane roads and multiple-lane highways are covered, as well as special techniques

for clearing intersections, bridges, railroad crossings, etc. The video also demonstrates how to use the heavy-duty wing, ice blade, and v-plow along with the reversible plow.

- AV-V649**      **Anti-Icing/Deicing**  
Iowa Dept. of Transportation  
01/01/1997  
\*1/2" VHS, 30 min. This video covers the use of deicing chemicals, abrasives, and snow fences. It explains how deicing chemicals melt ice. Anti-icing and deicing procedures and techniques are also covered.
- AV-V650**      **Using Winter Weather Resources**  
Iowa Department of Transportation  
01/01/1999  
\*1/2" VHS, 35 min. This video covers winter weather resources. It explains a Road Weather Information System, the types of major winter weather systems, the language of weather forecasting, and how to interpret weather information.
- AV-V651**      **Winter Driving Tactics**  
Long Island Productions  
01/01/1985  
\*1/2" VHS, 15 min. Advice is given on preventing winter accidents. The video covers preparation of the car for winter, handling typical winter hazards, and techniques for avoiding specific accidents.
- AV-V652**      **Work Zone Safety and the Revision of the Manual on Uniform Traffic Control Devices**  
American Public Works Assn.  
01/01/1998  
\*1/2" VHS, 6hrs. 3 tapes. An interactive video conference that provides an overview to help supervisors understand the critical elements to work zone safety. It also covers the problems, trends, and training resources.
- AV-V653**      **Human Behavior: Reducing Unsafe Acts**  
Long Island Productions  
01/01/1992  
\*1/2" VHS, 6min. Most accidents can be attributed to human behavior. If people act in a safe manner then most accidents will not occur. The video also covers the accident investigation process and safety training.
- AV-V654**      **DOT-Alcohol Supplement**  
Long Island Productions  
01/01/1996  
\*1/2" VHS, 68 min. The video covers five scenarios based on five types of testing, drug testing rules, and effects of low level alcohol use on job performance. Accompanied by "DOT Alcohol and Drug Rules" and a "Leaders Guide" (1999).
- AV-V655**      **DOT-Substance Abuse and Constructive Confrontation**  
Long Island Productions  
01/01/1996  
\*1/2" VHS, 64 min. The video covers the training elements required by DOT, the

importance of enforced substance abuse programs, signs of probable drug use, and handling suspected employees. Accompanied by "DOT Alcohol and Drug Rules" and a "Leader's Guide" (1999 ed.).

- AV-V656**            **At the Office: Kentucky Version**  
DOT FHWA  
03/01/1998  
1/2" VHS, 30 sec. A television spot encouraging drivers to be alert and drive safely in work zones.
- AV-V657**            **Air Quality Conformity in Transportation Planning**  
DOT FHWA; Oasis Films  
05/28/1999  
\*1/2" VHS, 20 min. This video addresses transportation generated pollutants and non-attainment areas. The video also covers State Implementation Plans, which are used to address problem areas. Some creative solutions are also highlighted.
- AV-V658**            **Training the Trainer: Turning Field Experts into Experts in the Classroom**  
North Carolina State University, North Carolina LTAP Center  
1/2" VHS, 31 min. This video covers training techniques to be an effective trainer.
- AV-V659**            **Implementing the Environmental Streamlining Provisions of TEA-21**  
North Carolina State University  
08/10/1999  
\*1/2" VHS, 3hrs. This teleconference addresses the environmental streamlining provisions of TEA-21. National, regional, and state aspects are addressed.
- AV-V660**            **Advantage I-75: Participating Motor Carrier Enforcement Training**  
University of Kentucky; Kentucky Transportation Center  
01/01/1995  
\*1/2" VHS, 25 min. Part I. Describes the Advantage I-75 Program, which involves the electronic clearance of trucks at weigh stations. Part II. Describes the installation and operation of the transponders and related technology. Part III. Describes the benefits and components of the system from an enforcement perspective.
- AV-V661**            **PrePass Weigh Station Bypass Service State Video**  
Frank Wilson and Associates, Inc.  
1/2" VHS, 10 min. PrePass is an Intelligent Transportation System program for trucks to bypass weigh stations. The program began in California and New Mexico.
- AV-V662**            **Wildlife Ecology and Transportation**  
North Carolina State University  
11/17/1998  
\*1/2" VHS, 3 hrs. For KTC use only. A teleconference about the TEA-21 provisions for the consideration and mitigation of ecological impacts in developing transportation infrastructure.
- AV-V663**            **Examining the Planning and the Environmental Provisions of ISTEA**

North Carolina State University

03/24/1998

\*1/2" VHS, 3hrs. For KTC Use Only. A teleconference that examines the state and federal responsibilities in transportation planning and environmental programs and in the delivery of transportation improvements.

**AV-V664**

**Safety Awareness II: The Gory Story**

Long Island Productions

01/01/1998

\*1/2" VHS, 9 min. Through graphic pictures of actual injuries, this video will make you think about safety. You will be more aware of safety hazards, and potential accidents, and the importance of safety equipment and procedures.

**AV-V665**

**10 Steps to Chemical Safety**

Long Island Productions; Bureau of Business Practice

01/01/1998

\*1/2" VHS, 10 min. Includes a Leader's Guide. Learn the ten basic steps to working safely with hazardous chemicals including signs, labels, MSDS, and personal protective equipment.

**AV-V666**

**Hypothermia**

Long Island Productions

01/01/1998

\*1/2" VHS, 7 min. This Video discusses how to recognize the early warning signs of hypothermia and prevent it from happening in the first place-including wearing the proper cold weather PPE.

**AV-V667**

**Chain Saw Safety**

Long Island Productions

01/01/1994

\*1/2"VHS, 21 min. Demonstrations of the most common safety problems are emphasized. Includes start, fueling, kickbacks, buddy system, limbing, bucking, pruning, preventive maintenance, and PPE.

**AV-V668**

**Excavators**

Equipment Training Resources

01/01/1997

\*1/2" VHS, 60 min. 5 tapes - 12 min each. Vol. 1 - The Excavator; Vol. 2 - Trench Digging; Vol. 3 - Trench Servicing and Backfilling; Vol 4. Loading Haul Units; Vol. 5 - Benching and Sloping

**AV-V669**

**LO/TO for Affected Authorized Employees Update**

Long Island Productions

01/01/2000

\*1/2" VHS, 16 min. Lock-out/Tag-out ensures safe work practices around energy sources. The video covers lock-out/tag-out procedures, energy types and characteristics, and safe start-ups and shut-downs.

**AV-V670**

**SI Metric for The Workplace**

Workplace Training

01/01/1994

\*1/2" VHS, 45 min. 3 tapes(15 min each). Tape 1 is an introduction to metrics; Tape 2 covers the units of measure; and Tape 3 covers the reading and writing rules.

- AV-V671**                    **NCAT Story: Believe in the Future**  
National Asphalt Pavement Assn.  
01/01/2001  
\*1/2" VHS, 10 min. The video shows how the National Center for Asphalt Technology (NCAT) was created by the asphalt pavement industry to research technology for better asphalt roads. The video also showcases the NCAT test track.
- AV-V672**                    **Everyday Creativity with Dewitt Jones**  
Star Thrower; Across Borders Media  
01/01/1999  
\*1/2" VHS, 20 Min. This video teaches us that we all have the ability to be more creative. Creativity techniques can be applied to all aspects of life, and can make the difference between getting by and being successful.
- AV-V673**                    **Making Small Rocks...Out of Big Rocks**  
U.S. Dept. of Agriculture, Forest Service  
09/09/1998  
1/2" VHS, 12 min. This video is about the Forester C-2000, a mobile rock crusher that is used for in-place road reconditioning. Three demonstration projects are covered.
- AV-V674**                    **Road Rage Driver Training**  
Long Island Productions Inc.  
01/01/2000  
\*1/2" VHS, 27 min. Three factors are linked to aggressive driving: lack of responsible driving behavior, reduced levels of traffic enforcement, and increased congestion. This program addresses these factors.
- AV-V675**                    **Thinking Beyond NEPA: Building Better Projects Through Community Involvement**  
North Carolina State University  
05/31/2000  
\*1/2" VHS, 3 hrs. The teleconference addresses the importance of public involvement in transportation projects. It also covers community impact assessment.
- AV-V676**                    **Safety Made Simple: The ABC's of Work Zone Safety**  
American Traffic Safety Services Assn.  
03/02/2000  
\*1/2" VHS, 13 min. Accompanied by a brochure. To help prevent accidents in work zones, one should follow the ABC'S of work zone safety: awareness, being visible, and communication
- AV-V677**                    **Vital Issues: Meeting the Alcohol Testing Requirements**  
American Trucking Associations, Inc.  
02/07/1995

\*1/2" VHS, 57 min. A televised discussion by government and industry leaders of the new DOT regulations on the alcohol testing requirements.

**AV-V678**

**Understanding Car Crashes: It's Basic Physics**

Insurance Institute for Highway Safety

01/01/2000

\*1/2" VHS, 22 min. This video explains through physics what happens to vehicles and their occupants in crashes.

**AV-V679**

**Drug Testing in the Workplace**

Long Island Publications, Inc.

01/01/1995

\*1/2" VHS, 60 min. This program covers the history and effectiveness of drug testing; the dangers associated with today's drugs/alcohol; and testing accuracy, confidentiality, and security.

**AV-V680**

**Absolutely Asphalt**

Asphalt Pavement Alliance

01/01/1992

1/2" VHS, 10 min. Covers the features and benefits of asphalt pavements.

**AV-V681**

**Your Roadmap to the Internet**

DOT Bureau of Transportation Statistics

01/01/2000

\*1/2" VHS, 18 min. The video defines the Internet and covers the benefits and various elements of it.

**AV-V682**

**Safety in Snow Removal**

American Public Works Assn.

01/01/1999

\*1/2" VHS, 25 min. The video covers topics such as planning before departure, road safety, first aid, breakdown of vehicles, clearing out roads and parking lots, collection and loading of snow and sidewalk maintenance.

**AV-V683**

**Fire Extinguishers-Fire Prevention 2000**

Long Island Productions, Inc.

01/01/1998

\*1/2" VHS, 17 min. Provides in-depth knowledge of fire extinguisher types and how to properly use them. The video covers fire basics/fire triangle, using extinguishers, descriptions/classes of fires, and tips for fire prevention and emergency action

**AV-V684**

**Think About This**

Long Island Productions, Inc.

\* 1/2" VHS, 5 min. A graphic video showing different situations resulting in injuries or death. It emphasizes the importance of safety.

**AV-V686**

**It Only Takes a Second**

Long Island Productions, Inc.

\*1/2" VHS, 4 min. A graphic illustration of injuries due to not following safety procedures.

- AV-V687**                    **Ergonomics for the 21st Century**  
 Long Island Productions, Inc.  
 01/01/2000  
 \*1/2" VHS, 13 min. Ergonomics is the adjustment of the work environment to fit the employee. It applies to all jobs. This video identifies ergonomic hazards and what to do to prevent injuries or accidents.
- AV-V688**                    **Evaluation of Edge Drain Outlets on Western Kentucky Parkway and Pennyrile Parkway**  
 Kentucky Transportation Center; University of Kentucky  
 06/01/1994  
 1/2" VHS, 6 min. Looks at problems and damages encountered while inspecting edge drain outlets. See report KTC-94-21.
- AV-V689**                    **Transportation Employee As a Witness**  
 Pennsylvania Dept. of Transportation  
 06/25/1990  
 \*1/2"VHS, 23 min. The video covers the various aspects of a transportation employee being a witness. It includes deposition, attorney relationships, courtroom procedures, and giving testimony.
- AV-V690**                    **Preparing the Witness for Depositions**  
 Knowles Law Book  
 01/01/1987  
 \*1/2" VHS, 26 minutes. The video covers the elements of a deposition. It includes the rules of a deposition and how to prepare for and give a good deposition.
- AV-V691**                    **Smoother Roads Playbook with John Madden**  
 DOT FHWA  
 09/01/2000  
 \*1/2" VHS, 23 min. This video concerns the Kansas DOT's experience with successfully attaining smoother concrete pavements. Incentives and disincentives for contractors are used and quality is stressed and specified. The "Great Eight" steps to achieving smooth pavements are covered. Accompanied by literature.
- AV-V692**                    **HERMES: Bridge Inspection for the 21st Century**  
 University of California/Lawrence Livermore National Laboratory  
 01/05/1999  
 \*1/2"VHS,8 min. The video briefly describes current bridge inspection practices. HERMES is a new, nondestructive method using radar, which is accurate and can be done at highway speeds.
- AV-V693**                    **Intelligent Transportation Systems: Saving Lives, Time and Money**  
 Intelligent Transportation Society of America  
 \*1/2" VHS, 9 min. Highlights the benefits of intelligent transportation systems (ITS)--ITS can save lives, time and money. ITS is an integration of technology and the transportation system.
- AV-V694**                    **Paving Site Work Practices for Quality-It's Up to You!**  
 National Asphalt Pavement Assn.  
 01/01/2001

\*1/2" VHS, 30 min. In English and in Spanish-This video describes the various steps or roles in constructing asphalt pavements. It covers site work practices, paver operations, and roller operations. Each segment is about 10 minutes.

- AV-V695**      **Harley Road Maintenance and Shoulder Repair**  
Glenmac, Inc.  
07/01/2000  
\*1/2" VHS, 15min. Demonstrates the Harley brand road shoulder rake and rock picker that are used for shoulder repair and roadside landscaping.
- AV-V696**      **Working with Your FWD Calibration Center to Produce Quality Deflection Data**  
Minnesota Department of Transportation  
12/01/1997  
\*1/2" VHS, 16 min. Explains and demonstrates the calibration process for falling weight deflectometers.
- AV-V697**      **AT&T SmartSonic Traffic Surveillance System**  
AT&T  
01/01/1994  
\*1/2" VHS, 9 minutes. A passive acoustic system used to measure traffic flow.
- AV-V698**      **Beyond the Surface-Building a Better Foundation for the Future**  
Minnesota Dept. of Transportation  
01/01/1995  
\*1/2" VHS, 10 minutes. The video describes the MN/ROAD program, an advanced, outdoor road research facility. It studies road construction and performance through thousands of sensors in the road that provide data daily. Accompanied by a brochure and photographs.
- AV-V699**      **Pothole Repair: Proven Practices**  
Minnesota Local Road Research Board  
01/01/1999  
\*1/2" VHS, 14 min. Provides an overview of the causes of potholes and repair methods. Three categories of pothole repair are presented along with guidelines for selecting the appropriate method.
- AV-V700**      **Stormwater Management**  
Florida Dept. of Transportation  
12/20/1999  
\*1/2" VHS, 16 min. Addresses the many aspects of a stormwater management system: flood prevention, erosion control, wildlife habitat, vegetation, aesthetics, and cultural features.
- AV-V701**      **Managing Trees for Public Safety: The Role of Landscape Maintenance Personnel**  
International Society of Arboriculture  
01/01/1996  
\*1/2" VHS, 17 min. This video discusses tree defects and their indicators, the influence of landscape maintenance practices on trees, and actions to take to reduce the risk of tree failure.

- AV-V702**            **Safety for Equipment Maintenance and Engineering**  
 Long Island Productions, Inc.  
 01/01/2000  
 \*1/2" VHS, 15 min. Reviews safety procedures for equipment maintenance and the hazards encountered
- AV-V703**            **Ditching and Drainage Equipment**  
 Virginia Dept. of Transportation  
 01/01/1991  
 \*1/2" VHS, 21 min. The video reviews ten pieces of equipment used in ditching and drainage work.
- AV-V704**            **What's Wrong With This Work Zone?**  
 Virginia Dept. of Transportation  
 01/01/1998  
 \*1/2"VHS, 22 min. This video will test your knowledge of the set-up of work zones, by viewing improper work zones and then the correct set-up.
- AV-V705**            **Shoulder Repair and Ditch Cleaning**  
 Illinois Dept. of Transportation  
 04/01/1988  
 \*1/2" VHS, 14 min. The video covers different types of shoulder and ditch maintenance to improve safety and drainage.
- AV-V706**            **Trucking Through the Work Zone**  
 North Carolina Dept. of Highways  
 01/01/1992  
 1/2 in.VHS, 9 min. There is an integral risk of accidents in work zones. It takes the leadership of professional truck drivers to help get through the work zones safely.
- AV-V707**            **Getting Our Message Out: Elevating Public Awareness of Transportation Issues**  
 12/03/1998  
 1/2" VHS, 19 min. Transportation is an integral part of our daily lives. Public relations and marketing are key to educating the public about transportation. Communication with the public and the media are important roles for transportation officials.
- AV-V708**            **Walk!**  
 DOT FHWA  
 01/01/2001  
 \*1/2" VHS, 12 min. Pedestrians come from all age groups, education for pedestrians and drivers is key to pedestrian safety. Other solutions to pedestrian safety problems include enforcement, engineering, and legislation. The video also covers resources and steps to improving pedestrian safety.
- AV-V709**            **Superpave: Tomorrow's Pavements Today**  
 New York State Dept. of Transportation  
 11/01/1996  
 \*1/2" VHS, 9 min. The video gives an overview of Superpave. It also addresses the

cost of implementation and the impact on the industry.

- AV-V710**                    **Flowable Fill: Controlled Low-Strength Material (CLSM)**  
Illinois Dept. of Trans.; Illinois Ready Mix Concrete Assn.  
10/31/1990  
\*1/2" VHS, 7 min. Test of flowable fill proved effective for pavement maintenance and other uses. Benefits include reduced placement costs, minimal settlement, easy removal, durability, and availability.
- AV-V711**                    **Working It Out Together**  
National Asphalt Pavement Assn.  
01/01/2001  
\*1/2" VHS, 8 min. Designed to help hot mix asphalt (HMA) companies create and maintain positive relationships with their neighbors.
- AV-V712**                    **Smoother Pavement: Highways Fit for a King**  
DOT FHWA  
\*1/2" VHS, 16 min., 22 min. The video shows how smoother asphalt pavement can be attained through specifications and throughout the construction process. Contractor Version-16 min.; State DOT Version-22 min.
- AV-V713**                    **Tacoma Narrows Bridge Collapse**  
DOT FHWA  
\*1/2" VHS, 2 min. Shows the collapse of the Tacoma Narrows Bridge--NO SOUND.
- AV-V714**                    **Adopt-A-Highway Safety Video**  
North Carolina Dept. of Transportation  
01/01/1994  
\*1/2" VHS, 6 min. Reviews what one must do and should do for safety and participation in the North Carolina Adopt-A-Highway Program.
- AV-V715**                    **Hidden Danger: Low-Water Crossings**  
U.S. Dept. of Commerce; National Weather Service  
01/01/1996  
\*1/2" VHS, 9 min. The video explains and shows how low water crossings can become dangerous even with just a few inches of water. Safety precautions are highlighted.
- AV-V716**                    **Front Wheel Brakes: Dispelling a Myth**  
DOT FHWA  
09/19/1986  
1/2" VHS, 9 min. Video shows that trucks with front wheel brakes stop in a shorter distance maintaining control. Proper maintenance and adjustment are important.
- AV-V717**                    **Energy Dissipators for Highway Structures**  
DOT FHWA  
04/28/1987  
1/2" VHS, 9 min. The video shows different types of energy dissipators for culverts and other such drainage structures. There are four main types of dissipators used

to reduce water velocity.

- AV-V718**      **Boone County Flowable Fill**  
12/09/1997  
1/2" VHS, 7 min. No narration. Taping of a flowable fill project in Boone County as part of a training session.
- AV-V719**      **Introduction to Freeway Incident Management; Operational Guidelines for Freeway Incident Management; Freeway Incident Management: Team Members Guidelines**  
Florida Dept. of Transportation  
1/2" VHS, 65 min. The video provides in three parts, an overview, operational guidelines, and team members guidelines of incident management on freeways.
- AV-V720**      **Resilient Modulus Laboratory Tests Parts I & II**  
Washington State Transportation Center  
11/01/1989  
1/2" VHS, 40 min, Part I defines and explains resilient modulus and modulus of elasticity. Part II will show how resilient modulus of pavements is measured.
- AV-V721**      **Concrete Pavement Restoration**  
DOT FHWA  
1/2" VHS, 26 min. Presents the steps and details of concrete pavement evaluation and rehabilitation.
- AV-V722**      **Scour at Bridges**  
DOT FHWA; Colorado State University  
01/01/1990  
\*1/2" VHS, 13 min. Scour is the most common cause of bridge failures. The video describes the three types of scours. Prevention and Countermeasures of scour are also presented.
- AV-V723**      **Evaluation Procedures for Deicing Chemicals**  
Strategic Highway Research Program  
1/2" VHS, 11 min. The video gives an overview of twelve tests for evaluating chemical deicers.
- AV-V724**      **Twin Views of the Tacoma Narrows Bridge Collapse**  
American Assn. of Physics Teachers  
01/01/2000  
\*1/2" VHS, 13 min. The video shows the collapse of the Tacoma Narrows Bridge in 1940. Part I. Tacoma Narrows Bridge Collapse (1963, 2 min.). Part II. The Puzzle of the Tacoma Narrows Bridge Collapse (1979, 11 min.). Includes a booklet.
- AV-V725**      **Applying Pesticides Correctly: Mixing/Loading, Storage and Disposal**  
University of Florida  
1/2" VHS, 15 min, This video focuses on safe handling procedures to be used during mixing and loading of pesticides and during transport, storage, and disposal of pesticides.
- AV-V726**      **Working Safely with Pesticides**

University of Arizona

01/01/1989

\*1/2" VHS, 18 min. The video covers the following safety tips when working with pesticides: Information and MSDS, read container labels signal words, personal protective equipment, accident situations, symptoms of poisoning, and disposal and storage.

**AV-V727**

**Chain Saw Safety**

Long Island Productions

01/01/1988

\*1/2" VHS, 6 min. Always follow the safety procedures and guidelines for chain saws. The video covers basic safety operations such as protective equipment, clean work area, communication with co-workers, kick-back.

**AV-V728**

**Landscape Maintenance Safety**

Long Island Productions

01/01/1988

\*1/2" VHS, 5 min. The video covers basic safety procedures for mowers, trimmers, and chain saws. Included are personal protective equipment, fuel, and chemicals.

**AV-V729**

**Maintenance Person Safety: General Industry**

Long Island Productions

1/2" VHS, 6 min. The video covers various safety procedures for maintenance personnel. It includes hazardous materials, personal protective equipment, lockout-tagout, electrical, and fire safety.

**AV-V730**

**Accident Free Backing and Parking: Backing and Parking Cars and Light Trucks**

Long Island Productions

01/01/1986

\*1/2" VHS, 13 min. Reviews techniques for safely backing and parking cars and light trucks.

**AV-V731**

**Lifting Safely in Construction**

Long Island Productions

1/2" VHS, 9 min. The video explains how the back works and demonstrates proper lifting techniques. It also covers lifting in unusual situations.

**AV-V732**

**Slips, Trips and Falls in Construction**

Long Island Productions

1/2" VHS, 10 min. This video covers the causes and prevention of slips, trips, and falls. Everyone is responsible for working safely and having a safe work site.

**AV-V733**

**Think; Pick Up; Think-Depend; Pick Up-Ticket**

DOT NHTSA

06/01/1998

1/2" VHS, 2 min. Four public service announcements on the importance of wearing safety belts.

**AV-V735**

**Chemsafe 2000: Material Safety Data Sheets**

BNA Communications, Inc.

01/01/1995

1/2" VHS, 11 min. Material safety data sheets (MSDS) contain information about the chemicals in your work place and the safe handling procedures for the chemicals.

**AV-V736**

**MUTCD Videoconference: Millennium Edition**

American Traffic Safety Services Association

03/01/2001

1/2" VHS, 150 min. This video conference held March 20, 2001 summarizes the changes in the new "Manual on Uniform Traffic Control Devices". All parts of the manual are covered.

**AV-V737**

**Safety Bite: Shoveling Safety**

Long Island Productions

01/01/1990

1/2" VHS, 6 min. The video covers safe and efficient shoveling. Using the proper technique will reduce back injuries.

**AV-V738**

**Ladders, Poles & Scaffolds**

Long Island Productions

01/01/1988

1/2" VHS, 15 min. The video covers safe and proper use of ladders, poles, and scaffolds.

**AV-V739**

**Eye Protection**

Long Island Productions

01/01/1992

1/2" VHS, 7 min. The proper protective equipment for the eyes is covered for different activities. The video also describes basic emergency procedures for eye injuries.

**AV-V740**

**Hand and Power Tools: Fleet Shop**

Long Island Productions

01/01/1996

1/2" VHS, 16 min. The video demonstrates the proper use and care of hand and power tools found in a shop.

**AV-V741**

**Applying Pesticides Correctly: Personal Protective Equipment**

University of Florida

1/2" VHS, 15 min. This video focuses on increasing the pesticide applicator's personal safety by reducing exposure. It shows how to select personal protective equipment to create a chemical resistant barrier.

**AV-V742**

**Killer Bees, Wasps, and Spiders**

Long Island Productions, Inc.

01/01/1996

\*1/2" VHS, 37 min. The video gives information about bees, wasps, and spiders. It discusses how to protect yourself and preventive measures against stings and bites.

- AV-V743**            **Poisonous Plant Safety**  
 Long Island Productions, Inc.  
 01/01/1990  
 \*1/2" VHS, 8 min. Poison ivy, poison oak, and poison sumac are described. The video describes how it can affect a person and treatment and preventive measures.
- AV-V745**            **Hearing Conservation**  
 Long Island Productions, Inc.  
 01/01/1993  
 \*1/2" VHS, 6 min. The video covers the importance of protecting one's hearing. Testing, training, and protection of hearing are discussed.
- AV-V746**            **Emergency Evacuation Procedures**  
 Long Island Productions, Inc.  
 01/01/1993  
 \*1/2" VHS, 10 min. It is important for everyone to know the emergency evacuation procedures at their job. The video reviews the basic elements of emergency evacuations.
- AV-V747**            **Shop Safety**  
 Long Island Productions, Inc.  
 01/01/1993  
 \*1/2" VHS, 22 min. The video describes different types of accidents possible in shops and how to prevent them. It covers the safe use of equipment and tools.
- AV-V748**            **Hazard Communication: KHAZ Talk Radio**  
 Long Island Productions, Inc.  
 01/01/1998  
 \*1/2" VHS, 17 min. This video provides practical information that every employee should know before working with chemicals. It covers MSDS signs and labels, hazard classification, modes of entry, health and physical hazards, PPE, and emergency preparedness.
- AV-V749**            **Fire Safety Training**  
 Long Island Productions  
 01/01/1993  
 \*1/2" VHS, 15 min. It is important to have a fire safety plan and training. This video covers the elements and types of fires. It covers fire safety tips and how to operate a fire extinguisher.
- AV-V750**            **Mobile Work Zone Operations**  
 Texas Dept. of Transportation  
 01/01/2001  
 1/2" VHS, 13 min. Planning for a mobile work zone and the procedures for setting up a mobile work zone are covered in this video.
- AV-V751**            **CMA: Zilwaukee Bridge**  
 Cyrotech  
 \*1/2" VHS, 10 min. With the new Zilwaukee Bridge, the State DOT decided to use CMA for snow and ice control and corrosion prevention. Application procedures for CMA are covered.

- AV-V752**                    **Installation and Training for Participating Motor Carriers**  
University of Kentucky; Kentucky Transportation Center  
01/01/1995  
\*1/2" VHS, 5 min. Demonstrates the proper installation and operation of the transponder for those participating in the Advantage I-75 project on ITS projects for trucks and weigh stations
- AV-V753**                    **Smart Road**  
Virginia Polytechnic Institute and State University  
01/01/2000  
\*1/2" VHS, 7 min. A new road was built in Virginia as an experimental test road. New technology and innovations for studying pavements, corrosion, snow and ice control, and visibility were used to improve safety and performance.
- AV-V754**                    **Heat Stress**  
Long Island Productions  
01/01/1994  
\*1/2"VHS, 12 min. Heat Stress is described covering precautions to take to prevent heat stress. Symptoms and basic first aid are also covered.
- AV-V755**                    **Violence in the Workplace**  
Long Island Productions  
01/01/1996  
\*1/2" VHS, 15 min. Violence can be physical, emotional, or verbal. The video describes the warning signs and precautions for avoiding or stopping violence.
- AV-V756**                    **Integrated Pest Management for Trees and Shrubs on Golf Courses**  
University of Kentucky  
01/01/1998  
\*1/2" VHS, 18 min. The video covers the management of pests for trees and shrubs. It includes the type of pests and the variety of controls for pests.
- AV-V757**                    **Cellular Phones and Two-Way Radios**  
Safety Short Productions  
01/01/2000  
\*1/2" VHS, 5 min. Wireless Communication devices, such as cellular phones and two-way radios, can distract a driver's attention away from driving. The video stresses safety and following certain procedures when using wireless communication devices.
- AV-V759**                    **Heat Illness**  
Safety Short Productions, Inc.  
01/01/1999  
\*1/2" VHS, 5 min. Overexposure to high temperatures and humidity can lead to heat cramps, heat exhaustion, or heat stroke. Symptoms and proper treatment and prevention are covered in the video.
- AV-V760**                    **Think and Drive**  
Long Island Productions, Inc.  
01/01/2000  
\*1/2" VHS, 17 min. The video covers the skills of a good driver. Also included are

brakes, proper seating position, intersections, mirrors, and poor driving conditions. Safe driving requires driving responsibly and driving defensively.

- AV-V761**      **Lyme Disease**  
Safety Short Productions, Inc.  
01/01/1999  
\*1/2" VHS, 5 min. Lyme disease is transmitted by ticks. Learn the symptoms and how to prevent being infected.
- AV-V762**      **Winter Driving**  
Safety Short Productions, Inc.  
09/01/1997  
\*1/2" VHS, 5 min. Tips for driving safely on snow and ice.
- AV-V763**      **Highway Innovative Technology Evaluation Center**  
Building America  
01/01/1997  
\*1/2" VHS, 11 min. HITEC evaluates and documents new products or technology, which can help get them implemented.
- AV-V764**      **Compass Technical Video**  
Ontario Ministry of Transportation  
01/01/1991  
\*1/2" VHS, 31 min. A freeway traffic management system in Ontario is described. This ITS Project uses technology to monitor traffic and communicate with drivers and emergency devices.
- AV-V765**      **Shooting Good Video**  
DOT FHWA; Western Federal Lands Highway Division  
08/01/1996  
\*1/2" VHS, 8 min. Explains and demonstrates how to use video to document construction.
- AV-V766**      **Travtek**  
American Automobile Assn; DOT FHWA  
\*1/2" VHS, 19 min. The video describes TRAVTEK, an in-vehicle navigation and information system.
- AV-V768**      **Future Ahead: The Road to Engineering**  
North Carolina Department of Transportation  
01/01/1993  
\*1/2" VHS, 11 min. Through the North Carolina Department of Transportation, a career in civil engineering is described and the role of math and science.
- AV-V769**      **Comcore Roadplate System**  
Comcore Utilities Products  
01/01/1998  
\*1/2" VHS, 16 min. A sales promotional video that describes Comcore RoadPlates and Comcore RoadBeams. They are used to temporarily cover a trench, ditch, or hole to allow traffic to pass.

- AV-V770**                    **Transportation Librarians: Partners in Technology Transfer**  
Minnesota Department of Transportation  
09/01/1998  
1/2" VHS, 11 min. Transportation librarians are information specialists that have the expertise and knowledge to find transportation information. The video describes the services librarians can provide as part of the research and technology transfer process.
- AV-V771**                    **Cellular Digital Packet Data: Accident Reporting Video Plot Program**  
East Coast Teleproductions  
01/01/1997  
\*1/2" VHS, 13 min. This video demonstrates how the Delaware State Police use mobile data computing to send, receive, and search information from their vehicles.
- AV-V772**                    **Hughes I-75 Demonstration**  
GM Hughes Electronics  
05/27/1993  
\*1/2" VHS, 10 min. Demonstrates the Hughes ITS system for by-passing weigh stations that is along I-75.
- AV-V773**                    **CSA Asphalt Rheometer: Low Cost, Field Grade DSR for Characterization of Asphalt Binders**  
TA Instruments  
\*1/2" VHS, 6 min. This video shows how the CSA asphalt rheometer is used for measuring and testing asphalt binders.
- AV-V774**                    **Truck Stop and Wheel Lock**  
Trans Tech Resources, Inc.  
\*1/2" VHS, 12 min. The video describes two safety systems for the trucking and mining industries (6 min. each). Truck stop is an emergency braking system and wheel lock is a wheel blocking system.
- AV-V775**                    **CHART Video Technology Evaluation Study**  
Maryland State Highway Administration  
04/01/1997  
\*1/2" VHS, 19 min. The video compares the use of full motion (broadcast quality) video and compressed digital video used for monitoring traffic and highway conditions in Maryland.
- AV-V776**                    **Ice Ban (Promotional Video)**  
Ice Ban America, Inc.  
10/06/1997  
\*1/2" VHS, 10 min. The video describes Ice Ban, and anti-icing and de-icing agent. It is also compared to other treatments.
- AV-V777**                    **Road Oyl: Resin Modified Emulsion**  
Soil Stabilization Products Company Inc.  
01/01/1990  
\*1/2" VHS, 26 min. Road Oyl is a non-water soluble, high bonding strength emulsion. It is used for pavement applications, dust control, and erosion control.

Accompanied by some brochures.

- AV-V778**      **Overview of the Proposed Rule Making for Planning National Environmental Policy Act (NEPA) Implementation, and Intelligent Transportation Systems (ITS)**  
Kentucky Department of Transportation  
06/15/2000  
\*1/2" VHS, 3 hrs. A teleconference in which FHWA and EPA staff will present an overview of the proposed rules and changes to metropolitan and statewide planning, NEPA, and ITS regulations.
- AV-V779**      **ARAN Automatic Road Analyzer**  
Roadware Corporation  
1/2"VHS, 10 min. This video describes ARAN, a high-speed, automated system that collects roadway data used in pavement management. It collects and analyzes a variety of data. Accomplished by literature.
- AV-V780**      **PENNZSUPPRESS D Solution: Soil Stabilization and Effective Control of Road Dust and Soil Erosion**  
Pennzoil Products Company  
08/23/1996  
\*1/2" VHS, 11 min. PENNZSUPPRESS D is a water emulsified resin base used for dust control, soil stabilization, and soil erosion control. The advantages and uses are covered. Accompanied by a folder of literature.
- AV-V781**      **Experiences with Geogrid as Base Reinforcement 1991 through 1997**  
University of Alaska-Fairbanks  
01/01/1998  
1/2" VHS, 13 min. The video covers tests and performance of various geogrids used in base reinforcement.
- AV-V782**      **Carbide Grinding**  
Keystone Engineering  
1/2"VHS, 15 min. Carbide grinding is used by Keystone Engineering to increase skid resistance and prevent pavement slipperiness.
- AV-V783**      **Launched Soil Nails: A New Method for Rapid, Low-Impact Slope Repair**  
U.S. Dept. of Agriculture, Forest Service  
01/01/1993  
1/2" VHS, 21 min. This video documents the soil nail launcher at work in a variety of applications. The soil nail launcher is used for securing failing slopes and small sidecast failures without the need for expensive retaining wall construction and excavation.
- AV-V784**      **Topping of Trees**  
University of Kentucky; College of Agriculture; Cooperative Extension Service  
01/01/1997  
\*1/2" VHS, 8 min. Topping trees increases the tree's overall potential for decline. This video illustrates the results of topping and demonstrates that if a tree outgrows its bounds, the correct solution is complete removal.

- AV-V785**                    **Equipment Calibration and Application for Turf Post Management**  
University of Kentucky; Cooperative Extension Service;  
01/01/1999  
\*1/2" VHS, 10 min. Technicians need to know how to calibrate a variety of pesticide application equipment types used in turfgrass care and to have basic knowledge about pesticides and how to handle them safely.
- AV-V786**                    **Nodding Thistles in Pasture**  
University of Kentucky; College of Agriculture; Cooperative Extension Service  
\*1/2" VHS, 14 min. Nodding thistle can be detrimental to pastures. The video covers the life cycle of the thistle and control methods.
- AV-V787**                    **Asphalt: The Quieter Pavement**  
Michigan Asphalt Paving Assn., Inc.  
01/01/2001  
\*1/2" VHS, 15 min. A presentation by a representative of the Transport Research Laboratory about improvements in asphalt pavements resulting in a quieter pavement.
- AV-V788**                    **Drug Supervisor Education to Meet DOT Anti-Drug and Alcohol Supervisor Education Requirements**  
Norton Medical Industries  
01/01/1996  
\*1/2" VHS, 104 min. A seminar for supervisors on the DOT anti-drug and alcohol requirements.
- AV-V789**                    **What To Do About Workplace Emergencies**  
Long Island Productions  
01/01/2001  
\*1/2" VHS, 17 min. The video describes the action to be taken in a variety of emergencies. Fires, earthquakes, chemical spills, bomb threats and workplace violence are covered.
- AV-V790**                    **Materials for Concrete: Water and Aggregates**  
Portland Cement Assn.  
01/01/1990  
\*1/2" VHS, 28 min. The video provides a basic understanding of the function water and aggregates perform in concrete mixtures. Accompanied by a discussion guide.
- AV-V791**                    **Fundamentals of Reinforced and Prestressed Concrete**  
Portland Cement Assn.  
01/01/1988  
\*1/2" VHS, 22 min. The video provides basic information on reinforced and prestressed concrete. Accompanied by a discussion guide
- AV-V792**                    **Concrete Materials: Admixtures**  
Portland Cement Assn.  
01/01/1992  
\*1/2" VHS, 24 min. The video provides a basic understanding of the effect admixtures have on fresh and hardened concrete. Accompanied by a discussion guide.

- AV-V793**            **Trouble Shooting and Prevention of Concrete Problems in the Field**  
Portland Cement Assn.  
01/01/1992  
\*1/2" VHS, 25 min. The video describes seven common problems associated with concrete construction. It identifies the typical causes and describes measures by which they can be prevented.
- AV-V794**            **Skin Safety with Cement and Concrete**  
National Ready Mixed Concrete Assn.; Portland Cement Assn.  
01/01/1998  
\*1/2" VHS, 15 min. Wet cement products like concrete, mortar and grout can be hazardous to the skin when not handled properly. The video describes the hazards and how to safely work with wet cement products.
- AV-V795**            **Road Rage and Aggressive Driving: A View from the Driver's Seat**  
Long Island Productions, Inc.  
01/01/1998  
\*1/2" VHS, 19 min. Gives examples of road rage and aggressive driving. Also provides safe driving tips and how to reduce the risks of road rage.
- AV-V796**            **Comparable Concepts for Replacement Housing/Business Relocation**  
American Public Works Assn.; DOT FHWA  
\*1/2" VHS, 25 min. The video explores the concept of replacement housing for displaced owners and tenants under the uniform act and 49CFR part 24. It also addresses business relocations.

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AV-V555	New Way of Planning: Comprehensive Plan and Related Documents
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AV-V543	Privatizing Public Works Services
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## ASPHALT

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AV-V709	Superpave: Tomorrow's Pavements Today
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## BRIDGES & STRUCTURES

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AV-V050	Cleaning and Clearing of Bridges
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AV-V065	Concrete Bridge Protection, Repair and Rehabilitation
AV-V066	Concrete Bridge Railings; Modified Thrie Beam Guardrails, Cable Guardrails
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AV-V172	Load and Resistance Factor for Highway Bridge Design
AV-V195	Modern Timber Bridges: A New Return for Old New England

AV-V603	New Records at New River
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AV-V324	Steel Truss Bridge Inspection; Pre-stressed Concrete Bridges
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#### COMMERCIAL DRIVERS LICENSE

AV-V060	Commercial Drivers License Study Program
AV-V061	Commercial Drivers License Video Series
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AV-V211	No Nonsense CDL: A Drivers Guide to the CDL Exam
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#### CONCRETE

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AV-V790	Materials for Concrete; Water and Aggregates
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AV-V193	MN/DOT On the Move: Recycling "D" Cracked Concrete Pavement
AV-V226	Partial-Depth Repair of Concrete Pavement
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AV-V256	Prestressed Concrete Overlay on IH35 in Texas
AV-V265	Quality Control of Concrete on Site

AV-V271	Recycling Continuously Reinforced Concrete Pavement on I-29 in North Dakota
AV-V272	Recycling Portland Cement Concrete Pavements
AV-V274	Rehabilitation of Interstate I-20/I-59 Meridian, Mississippi
AV-V280	Resurfacing City Streets with Concrete
AV-V404	Retrofitted Load Transfer Devices
AV-V303	Sampling & Testing Fresh Concrete
AV-V304	Scarification and Jackhammers Versus Hydrodemolition
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#### DESIGN & CONSTRUCTION

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AV-V321	Stabilization: Holding the Roads
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#### EDUCATION, TRAINING, & TECHNOLOGY TRANSFER

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AV-V005	Advanced Institute of Transportation Systems Science
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AV-V428	Reduce Accident Rates By as Much as 90%!; Dress Safe
AV-V294	RTAP (National); RTAP (Kentucky)
AV-V295	RTAP, Finished Master
AV-V296	RTAP: Your New Neighbor

AV-V297	Rural Transportation Assistance Program (RTAP)
AV-V309	SHRP Now! Exhibit: 1991 AASHTO Technology Transfer Fair.
AV-V441	Teacher's Introduction to TRAC; Not So Wild a Dream
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AV-V592	Training: The Obscured Advantage
AV-V658	Training the Trainer: Turning Field Experts into Experts in the Classroom
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AV-V377	Vermont Local Roads Program

#### ENGINEERING

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AV-V046	Careers in Transportation Engineering
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AV-V092	Engineers: Turning Ideas into Reality
AV-V768	Future Ahead: The Road to Engineering
AV-V472	Newton's Apple Salutes Engineers
AV-V454	On the Road to Equality: Women in Highway Construction
AV-V241	PENNDOT Advantage
AV-V320	Speed Scientific School Civil Engineering Recruiting Tape
AV-V441	Teachers Introduction to TRAC; Not So Wild a Dream
AV-V350	To Engineer Is Human
AV-V385	Who Are Engineers? You?

#### ENVIRONMENT & POLLUTION

AV-V637	After the Rain: Urban Runoff
AV-V657	Air Quality Conformity in Transportation Planning
AV-V617	Clean Air and Mobility: We Can Have Both
AV-V093	Environmental Protection Issues
AV-V663	Examining the Planning and the Environmental Provisions of ISTEA (KTC Use Only)
AV-V659	Implementing the Environmental Streamlining Provisions of TEA-21
AV-V7-1	Managing Trees for Public Safety: The Role of Landscape Maintenance Personnel
AV-V778	Overview of the Proposed Rule Making for Planning National Environmental Policy Act (NEPA) Implementation, and Intelligent Transportation Systems (ITS)
AV-V700	Stormwater Management
AV-V602	We All Live Downstream: an Introduction
AV-V399	Wetlands Mitigation for Transportation Projects
AV-V662	Wildlife Ecology and Transportation (KTC Use Only)

#### EQUIPMENT & VEHICLES

AV-V697	AT&T SmartSonic Traffic Surveillance System
AV-V730	Accident Free Backing and Parking: Backing and Parking Cars and Light Trucks
AV-V583	Advanced Hydraulics & Troubleshooting Part 2
AV-V020	Backhoe, Parts 1 & 2
AV-V501	Backhoe Loader: Maintenance & Transport
AV-V499	Backhoe Loader: Pre-Start Inspection
AV-V500	Backhoe Loader: Safe Operating Techniques
AV-V559	Beating a Blowout
AV-V035	Blades; 90 Degree High Bank Setting-Motor Grader

AV-V041	Brush Cutter
AV-V622	Bucket Trucks
AV-V667	Chain Saw Safety
AV-V727	Chain Saw Safety
AV-V054	Cold Weather Effects
AV-V769	Comcore Roadplate System
AV-V070	Crack Sealer, Parts 1 & 2
AV-V071	Crane Operation; Forklift Operation & Preventive Maintenance; Winch, Auger, Bucket Operation; Rotary Mower Operation.
AV-V079	Distributor: Preventive Maintenance & Operation
AV-V703	Ditching and Drainage Equipment
AV-V081	Driver Daily Maintenance of Light Vehicles
AV-V083	Dump Trucks: Ten Wheel and Six Wheel
AV-V086	Dynapac HR 21 Plex System
AV-V785	Equipment Calibration and Application for Turf Post Management
AV-V094	Equipment Maintenance Programming and Scheduling
AV-V095	Equipment Management System
AV-V538	Equipment Management Systems (EMS)
AV-V495	Equipment Management Systems Series
AV-V647	Equipment Operation
AV-V096	Equipment Operation & Maintenance; Loader Operation parts 1,2, & PM-A&B; Motor Grader Operation parts 1,2,3, & PM-A
AV-V668	Excavators
AV-V621	Five Minute Inspection
AV-V506	Forklift Safety
AV-V577	Forklift Safety: OSHA Final Rules
AV-V716	Front Wheel Brakes: Dispelling a Myth
AV-V582	Fundamentals of Hydraulics & Troubleshooting Part 1
AV-V122	Gradall
AV-V631	Hand Signals for Construction Equipment
AV-V695	Harley Road Maintenance and Shoulder Repair
AV-V127	Hazards of Hurry
AV-V129	Heavy Vehicle Management: The Evolution of Technologies and Applications
AV-V130	Help 1-2; Time; Heavy Vehicle Management; SCATS-Sydney; SCATS Melbourne; Signalen Boven Deweg; Hanshin Expressway
AV-V142	How to Get More Out of Your Motor Grader
AV-V147	Hydraulic Truck Conveyor
AV-V584	Hydraulics Symbols Part 3
AV-V151	Idea Store 1
AV-V152	Idea Store 2
AV-V153	Idea Store 3
AV-V155	Idea Store 5
AV-V157	Idea Store 7
AV-V161	International Public Works: Congress and Equipment Show 1990
AV-V645	Introduction to Winter Operations
AV-V477	It Always Happens to the Other Guy
AV-V728	Landscape Maintenance Safety
AV-V173	Loader
AV-V174	Loader Operation - Parts I and II
AV-V175	Loader-Backhoe Safety: Operator Safety
AV-V176	Loader-Backhoe Safety: Worker Safety
AV-V509	Lockout/Tagout of Construction Equipment
AV-V416	Make Winter Driving Safer

AV-V673	Making Small Rocks...Out of Big Rocks
AV-V189	Master Plan for Safe Trucks and Buses
AV-V639	Motor Fleet Maintenance Safety
AV-V196	Motor Grader Operation - Parts 1,2,3
AV-V197	Motor Graders
AV-V398	Motorgrader Preventive Maintenance
AV-V200	Mowers, Parts I & II
AV-V619	Multi-Piece Rim Wheel Safety
AV-V201	Multiple Choice
AV-V203	Mustang Grease and Sludge Jetters
AV-V208	New Mexico State Highway Dept. Training Academy
AV-V212	Not a Toy: Dump Truck Preventive Maintenance; Daily Inspection
AV-V213	Off-Tracking
AV-V218	Operator Daily Maintenance of Asphalt Distributors
AV-V219	Operator Daily Maintenance of Crawler Tractors
AV-V220	Operator Daily Maintenance of Dump Trucks
AV-V221	Operator Daily Maintenance of Front-End Loaders
AV-V222	Operator Daily Maintenance of Motorgraders
AV-V223	Operator Daily Maintenance of Rollers
AV-V246	Plow Power
AV-V648	Plowing Techniques
AV-V247	Pneumatic Tire Roller Operation
AV-V249	Pothole Patcher
AV-V646	Pre-Season Preparation
AV-V257	Preventive Maintenance; 5-Yard Dump Trucks Preventive Maintenance; Dump Box Operations; Dump Truck Driving
AV-V262	Public Works Equipment in Retrospect
AV-V264	Pulvi-Mixer
AV-V396	Recycling the Lifeline
AV-V589	Respirator Standards
AV-V581	Rigging and Lifting with Mobile Construction Equipment
AV-V285	Road Maintenance Cost Analysis, Parts 1-4
AV-V289	Roadco
AV-V291	ROSCO RA-200 Demonstrations and Applications 1992
AV-V503	Safe and Efficient Operation of Hand-Held Cutoff Saws
AV-V299	Safely Controlling the Power of the Backhoe/Loader
AV-V702	Safety for Equipment Maintenance and Engineering
AV-V478	Safety Training for Repair Technicians
AV-V307	Shake Hands with Danger
AV-V620	Single-Piece Rim Wheel Safety
AV-V325	Steel Wheel Roller
AV-V326	Straight Blade Snow Plows, Parts 1 & 2; Highway Sanders; Crack Sealer Operation Pts. 1&2; Highway Sander Calibration; Tar Pot Operations; Bulldozer Preventive Maintenance
AV-V448	Tag, You're It
AV-V336	Taking Control of Your Motor Grader
AV-V590	Technician Guidelines for Antilock Braking Systems (ABS) for Trucks, Tractors, and Trailers
AV-V344	Thermo-Lay Hot Asphalt and Sanding Machine
AV-V760	Think and Drive
AV-V352	Tow Type Sweeper Operation & PM-A; Pneumatic Tire Roller Operation; Roller PM-A; Steel-Wheel Roller Operation
AV-V595	Tool Box Safety Talks: Construction Equipment Maintenance
AV-V594	Tool Box Safety Talks: Working Around construction Equipment
AV-V353	Tow-Type Trailers

AV-V364	Transport Trailer Safety
AV-V368	Truck Impacts on Pavements
AV-V774	Truck Stop and Wheel Lock
AV-V678	Understanding Car Crashes: It's Basic Physics
AV-V571	Understanding the Vibratory Roller
AV-V536	Using Snow Plows on Motorgraders
AV-V379	Weather and Loads: The Effect They Have on Roads
AV-V380	Weed Sprayer, parts 1 & 2; Dump Truck Operation
AV-V629	Winter Driving Safety
AV-V651	Winter Driving Tactics
AV-V696	Working with Your FWD Calibration Center to Produce Quality Deflection Data

#### GENERAL

AV-V255	Burt Rutan, Hall of Fame Award
AV-V535	Business Ethics
AV-V043	Business of Paradigms
AV-V045	Can a PC Help You?
AV-V052	Coal Summit II Lexington Kentucky
AV-V068	Courage to See Clearly: Living More Fully by Living the Truth
AV-V466	Earthquake: A Matter of Time
AV-V093	Environmental Protection Issues
AV-V672	Everyday Creativity with Dewitt Jones
AV-V120	GIS: Government's Information Solution
AV-V418	Growing National Concern Regarding Transportation Development and Environmental Quality
AV-V445	How to Design Eye-Catching Brochures, Newsletters, Ads
AV-V161	International Public Works: Congress and Equipment Show 1990
AV-V419	Kentucky Transportation Center
AV-V553	Learn How to Use Netscape Navigator
AV-V202	Municipal Compost Technique
AV-V215	Olympic Video
AV-V224	Paradigm Pioneers
AV-V429	Paradigm Principles
AV-V229	Passion for Customers
AV-V254	Power of Vision
AV-V534	Professional Image
AV-V765	Shooting Good Video
AV-V670	SI Metric for the Workplace
AV-V335	Take Charge! with General H. Norman Schwarzkopf (Ret.)
AV-V770	Transportation Librarians: partners in Technology Transfer
AV-V681	Your Roadmap to the Internet

#### GEOTECHNOLOGY, DRAINAGE, WATER

AV-V637	After the Rain: Urban Runoff
AV-V022	Basics of Local Road Engineering
AV-V024	Baystate Roads Drainage Workshop
AV-V051	Cleaning of Lined Ditches, Culverts and Catch Basins
AV-V063	Community Flood Plain Management
AV-V397	Creating Meadows Through Road Maintenance and Construction
AV-V533	Design and Installation of Buried Pipes
AV-V703	Ditching and Drainage Equipment

AV-V080	Drainage Pipe Placement
AV-V717	Energy Dissipators for Highway Structures
AV-V688	Evaluation of Edge Drain Outlets on Western Kentucky Parkway and Pennyryle Parkway
AV-V781	Experiences with Geogrid as Base Reinforcement 1991 through 1997
AV-V715	Hidden Danger: Low-Water Crossings
AV-V154	Idea Store 4
AV-V537	Importance of Road Drainage
AV-V783	Launched Soil Nails: A New Method for Rapid, Low-Impact Slope Repair
AV-V171	Lime: The Versatile Stabilizer in Construction
AV-V187	Marafi Filter Fabric; Better Roads with Petromat
AV-V191	Mechanical Cleaning of Unlined Ditches
AV-V203	Mustang Grease and Sludge Jetters
AV-V780	PENNZSUPPRESS D Solution: Soil Stabilization and Effective Control of Road Dust and Soil Erosion
AV-V281	Retaining Wall Design; Traffic Control and Liability
AV-V284	Road Drainage
AV-V292	Routine Structure Cleaning, Maintain Drainage, Ditches, Mowing, Guardrail Repair, Shoulders, Snow Removal
AV-V293	Routine Structure Cleaning; Edge Rut Repair; Maintain Drainage; Mowing; Chemical Control of Vegetation; Remove Minor Slides & Clean Ditches; Guardrail Repair; Plow Snow & Apply Salt
AV-V722	Scour at Bridges
AV-V308	Shoulder Cutting
AV-V313a	Slope Maintenance and Slide Restoration, Programs 1-8
AV-V313b	Slope Maintenance and Slide Restoration; Geotextile Walls, Retaining Walls Stabilization: Holding the Roads
AV-V700	Stormwater Management
AV-V542	Strategies for Urban Wet Weather Management
AV-V343	Thermal and Asphalt Cold Mix Treatment of Hydrocarbon Contaminated Soil
AV-V602	We All Live Downstream: An Introduction
AV-V399	Wetlands Mitigation for Transportation Projects

#### GRAVEL ROADS & UNPAVED ROADS

AV-V036	Blading Unpaved Roads
AV-V085	Dust Control 1989
AV-V182	Maintaining Gravel Roads in Arkansas
AV-V230	Patching Unpaved Roads
AV-V780	PENNZSUPPRESS D Solution: soil Stabilization and Effective Control of Road Dust and Soil Erosion
AV-V435	Problems with Gravel Roads
AV-V273	Regraveling
AV-V277	Replenishing Earth and Gravel Shoulders
AV-V278	Reshaping Earth and Gravel Shoulders
AV-V777	Road Oyl: Resin Modified Emulsion
AV-V311	Single and Multiple Surface Treatments
AV-V314	Smoothing and Reshaping of Earth and Gravel Roads
AV-V321	Stabilization: Holding the Roads
AV-V370	Unsurfaced Road Inspection
AV-V371	Unsurfaced Road Management
AV-V372	Upgrading Gravel Roads

## INTELLIGENT TRANSPORTATION SYSTEMS

AV-V006	Advantage I-75
AV-V007	Advantage I-75 - <u>Does Not Circulate</u>
AV-V008	Advantage I-75, 2nd Edition
AV-V009	Advantage I-75, 3rd Edition
AV-V660	Advantage I-75: Participating Motor Carrier Enforcement Training
AV-V457	ARTIMIS
AV-V764	Compass Technical Video
AV-V395	Demonstration of Hughes Transportation Management Systems
AV-V125	Guidestar
AV-V129	Heavy Vehicle Management: The Evolution of Technologies and Applications
AV-V130	Help 1-2; Time; Heavy Vehicle Management; SCATS-Sydney; SCATS-Melbourne; Signalen Boven Deweg; Hanshin Expressway
AV-V772	Hughes I-75 Demonstration
AV-V752	Installation and Training for Participating Motor Carriers
AV-V693	Intelligent Transportation Systems: Saving Lives, Time and Money
AV-V604	ITS/CVO Technology Truck Overview
AV-V400	IVHS Architecture Video Primer
AV-V168	IVHS Technologies for Transportation
AV-V169	IVHS: a Smart Choice
AV-V528	Mayday Emergency Notification System Development
AV-V199	Moving Transportation into the Information Age
AV-V778	Overview of the Proposed Rule Making for Planning National Environmental Policy Act (NEPA) Implementation and Intelligent Transportation Systems (ITS)
AV-V661	PrePass Weigh Station Bypass Service State Video
AV-V591	Smart Moves: Building the Intelligent Transportation Infrastructure
AV-V753	Smart Road
AV-V442	Today's Reality: ITS in America
AV-V766	Travtek
AV-V456	What is ARTIMIS? Advanced Regional Traffic Interactive

## LIABILITY, LEGAL ISSUES, RISK MANAGEMENT

AV-V002	AASHTO Presents Tort Liability of State Highway and Transportation Agencies
AV-V026	Best Defense is a Good Road
AV-V535	Business Ethics
AV-V047	Caution, Litigation Ahead: The Road to Effective Risk Management
AV-V549	Deposition
AV-V545	Engineering Ethics: The Case of Challenger
AV-V140	How to Avoid Being Sued and Have a Better Chance of Winning
AV-V141	How to Be an Effective Expert Witness
AV-V554	ISTEA to TEA-21: The New Transportation Law
AV-V186	Managing Risks in a Risk Taking Society
AV-V216	On the Road to a Safer Tomorrow
AV-V690	Preparing the Witness for Depositions
AV-V281	Retaining Wall Design: Traffic Control and Liability
AV-V515	Sexual Harassment: Your Rights & Responsibilities
AV-V689	Transportation Employee As a Witness

## MAINTENANCE & OPERATIONS

AV-V583	Advanced Hydraulics & Troubleshooting Part 2
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AV-V439 Arc Welding  
 AV-V014 Asphalt Crack Treatment: Helpful Information for the Road  
 AV-V015 Asphalt Maintenance Techniques  
 AV-V432 Asphalt Roadway Rehabilitation  
 AV-V501 Backhoe Loader: Maintenance & Transport  
 AV-V021 Base and Sub-Base Repair  
 AV-V023 Batch Plant Maintenance  
 AV-V036 Blading Unpaved Roads  
 AV-V050 Cleaning and Clearing of Bridges  
 AV-V051 Cleaning of Lined Ditches, Culverts, and Catch Basins  
 AV-V769 Comcore Roadplate System  
 AV-V062 Common Maintenance Problems and Causes  
 AV-V064 Concrete Bridge Deck Repairs  
 AV-V065 Concrete Bridge Protection, Repair, and Rehabilitation  
 AV-V491 Contract Maintenance Series  
 AV-V069 Crack Repair in Asphalt Pavement  
 AV-V070 Crack Sealer, Parts 1 & 2  
 AV-V071 Crane Operation; Forklift Operation and Preventive Maintenance; Winch, Auger, Bucket  
 Operation; Rotary Mower Operation  
 AV-V079 Distributor: Preventive Maintenance & Operations  
 AV-V081 Driver Daily Maintenance of Light Vehicles  
 AV-V082 Drum Mixer Plant Maintenance  
 AV-V084 DuraPatcher  
 AV-V393 DuraPatcher: Patching Only  
 AV-V085 Dust Control 1989  
 AV-V086 Dynapac HR21 Plex System  
 AV-V087 Early Opening of Full-Depth Concrete Repairs  
 AV-V088 Economic Analysis to Select Repair Strategies: Life Extension  
 AV-V089 Economic Analysis to Select Repair Strategies: Maintenance and Rehabilitation Strategies,  
 Life Cycle Cost Analysis  
 AV-V094 Equipment Maintenance Programming and Scheduling  
 AV-V096 Equipment Operation & Maintenance; Loader Operation Parts 1,2, & PM-A&B; Motor Grader  
 Operation parts 1,2,3, & PM-A  
 AV-V097 Everyone Pays for Potholes  
 AV-V102 Finding Better Ways: New Research into Cost-Effective Pavement Repairs  
 AV-V504 Fit to be Tied: Retrofitting PCC Pavement with Dowel Bars  
 AV-V117 Full-Depth Repair of Jointed Concrete Pavement  
 AV-V582 Fundamentals of Hydraulics & Troubleshooting Part 1  
 AV-V438 Gas Welding and Metal Identification  
 AV-V437 General Welding Safety and Tank Repair  
 AV-V695 Harley Road Maintenance and Shoulder Repair  
 AV-V127 Hazards of Hurry  
 AV-V692 HERMES: Bridge Inspection for the 21<sup>st</sup> Century  
 AV-V134 Highway Maintenance Overview, Traffic Control Work Areas  
 AV-V584 Hydraulics Symbols Part 3  
 AV-V151 Idea Store 1  
 AV-V153 Idea Store 3  
 AV-V154 Idea Store 4  
 AV-V615 Innovative Pavement Maintenance Technology: A SHRP Video Report  
 AV-V756 Integrated Pest Management for Trees and Shrubs on Golf Courses  
 AV-V165 Introduction to Bridge Inspection  
 AV-V167 Introduction to the Rehabilitation of Highway Concrete  
 AV-V507 Landscape Maintenance

AV-V783 Launched Soil Nails: A New Method for Rapid, Low-Impact Slope Repair  
 AV-V430 Light at the End of the Tunnel: The Eisenhower Tunnel  
 AV-V496 Low Volume Road Series  
 AV-V181 Maintaining Asphalt Roads: Blade Patching  
 AV-V182 Maintaining Gravel Roads in Arkansas  
 AV-V183 Maintenance Management System  
 AV-V729 Maintenance Person Safety: General Industry  
 AV-V184 Maintenance Supervisor's Responsibilities; Patch PCC with PCC; Patch PCC with Bituminous Materials  
  
 AV-V701 Managing Trees for Public Safety: The Role of Landscape Maintenance Personnel  
 AV-V191 Mechanical Cleaning of Unlined Ditches  
 AV-V192 Minnesota I-90 Recycling  
 AV-V193 MN/DOT On the Move: Recycling "D" Cracked Concrete Pavement  
 AV-V639 Motor Fleet Maintenance Safety  
 AV-V398 Motorgrader Preventive Maintenance  
 AV-V619 Multi-Piece Rim Wheel Safety  
 AV-V202 Municipal Compost Technique  
 AV-V786 Nodding Thistles in Pasture  
 AV-V218 Operator Daily Maintenance of Asphalt Distributors  
 AV-V219 Operator Daily Maintenance of Crawler Tractors  
 AV-V220 Operator Daily Maintenance of Dump Trucks  
 AV-V221 Operator Daily Maintenance of Front-End Loaders  
 AV-V222 Operator Daily Maintenance of Motorgraders  
 AV-V223 Operator Daily Maintenance of Rollers  
 AV-V226 Partial-Depth Repair of Concrete Pavement  
 AV-V230 Patching Unpaved Roads  
 AV-V231 Patching with Hand Tools; Maintain Non-Hard Surfaces; Permanent Pothole Patching; Bituminous Surface Replacement.  
  
 AV-V234 Pavement Structure Repair Techniques, I  
 AV-V235 Pavement Structure Repair Techniques, II  
 AV-V245 Plant Growth Regulators and Grounds Maintenance  
 AV-V249 Pothole Patcher  
 AV-V250 Pothole Repair  
 AV-V251 Pothole Repair in Asphalt Concrete Pavement  
 AV-V252 Pothole Repair in Surface Treatment Pavement  
 AV-V699 Pothole Repair: Proven Practices  
 AV-V253 Potholes: Causes, Cures, and Prevention  
 AV-V256 Prestressed Concrete Overlay on IH35 in Texas  
 AV-V257 Preventive Maintenance; 5-Yard Dump Trucks Preventive Maintenance; Dump Box Operations; Dump Truck Driving  
  
 AV-V435 Problems with Gravel Roads  
 AV-V527 Protecting Our Pavement: Preventive Maintenance  
 AV-V263 Puff Asphalt Maintenance Systems  
 AV-V271 Recycling Continuously Reinforced Concrete Pavement on I-29 in North Dakota  
 AV-V272 Recycling Portland Cement Concrete Pavements  
 AV-V396 Recycling the Lifeline  
 AV-V274 Rehabilitation of Interstate I-20/I-59 Meridian, Mississippi  
 AV-V273 Regraveling  
 AV-V276 Repair of Depressions, Rutting and Corrugations  
 AV-V277 Replenishing Earth and Gravel Shoulders  
 AV-V278 Reshaping Earth and Gravel Shoulders  
 AV-V470 Right-of-Way Mowing Safety  
 AV-V285 Road Maintenance Cost Analysis, Parts 1-4

AV-V287 Road Repair: Do the Right Thing at the Right Time  
 AV-V291 ROSCO-RA-200 Demonstration and Applications 1992  
 AV-V292 Routine Structure Cleaning, Maintain Drainage, Ditches, Mowing, Guardrail Repair, Shoulders, Snow Removal  
 AV-V293 Routine Structure Cleaning; Edge Rut Repair; Maintain Drainage; Mowing; Chemical Control of Vegetation; Remove Minor Slides & Clean Ditches; Guardrail Repair; Plow Snow & Apply Salt  
 AV-V702 Safety for Equipment Maintenance and Engineering  
 AV-V304 Scarification and Jackhammers Versus Hydrodemolition  
 AV-V305 Sealcoating; A matter of Science and Skill  
 AV-V306 Selective Pavement Rehabilitation  
 AV-V308 Shoulder Cutting  
 AV-V705 Shoulder Repair and Ditch Cleaning  
 AV-V436 Sign Maintenance and Installation  
 AV-V620 Single-Piece Rim Wheel Safety  
 AV-V313a Slope Maintenance and Slide Restoration, Programs 1-8  
 AV-V313b Slope Maintenance and Slide Restoration, Geotextile Walls, Retaining Walls  
 AV-V314 Smoothing and Reshaping of Earth and Gravel Roads  
 AV-V321 Stabilization: Holding the Roads  
 AV-V326 Straight Blade Snow Plows, Parts 1 & 2; Highway Sanders; Crack Sealer Operation Pts. 1&2; Highway Sander Calibration; Tar Pot Operations; Bulldozer Preventive Maintenance  
 AV-V339 Technical Advancements for Maintenance Workers: for Maintenance Managers and Work Crews  
 AV-V340 Technical Advancements for Maintenance Workers: for Chief Administrative Officers  
 AV-V590 Technician Guidelines for Antilock Braking Systems (ABS) for Trucks, Tractors, and Trailers  
 AV-V344 Thermo-Lay Hot Asphalt and Sanding Machine  
 AV-V595 Tool Box Safety Talks: Construction Equipment Maintenance  
 AV-V594 Tool Box Safety Talks: Working Around Construction Equipment  
 AV-V784 Topping of Trees  
 AV-V367 Trenchers: Stay Alert-Stay Alive  
 AV-V486 Utility Cut Repair: Doing It Right  
 AV-V474 Utility Cuts in Paved Roads, Part 1 and 2  
 AV-V380 Weed Sprayer, Parts 1 & 2; Dump Truck Operation  
 AV-V386 Winning Moves in Maintenance

**MANAGEMENT SYSTEMS**  
 (Pavement, Bridge, Equipment, Safety, etc.)

AV-V440 Asphalt-PASER: Pavement Surface Evaluation and Rating  
 AV-V433 Asphalt Paving Inspections  
 AV-V040 Bridge Management Systems  
 AV-V042 Budget Analysis Procedures  
 AV-V063 Community Flood Plain Management  
 AV-V764 Compass Technical Video  
 AV-V490 Construction Management Systems Series  
 AV-V088 Economic Analysis to Select Repair Strategies: Life Extension  
 AV-V089 Economic Analysis to Select Repair Strategies: Maintenance and Rehabilitation Strategies, Life Cycle Cost Analysis  
 AV-V094 Equipment Maintenance Programming and Scheduling  
 AV-V095 Equipment Management System  
 AV-V538 Equipment Management Systems (EMS)  
 AV-V495 Equipment Management Systems Series  
 AV-V129 Heavy Vehicle Management: The Evolution of Technologies and Applications

AV-V492	Highway Management Series, Part 1
AV-V493	Highway Management Series, Part 2
AV-V496	Low Volume Roads Series
AV-V183	Maintenance Management System
AV-V205	Network Definition
AV-V206	New Directions in Sign Management
AV-V227	Partners for Safety: An Introduction to the Safety Management System
AV-V232	Pavement Management Systems for Local Administrators 1990
AV-V286	Road Management Systems
AV-V287	Road Repair: Do the Right Thing at the Right Time
AV-V436	Sign Maintenance and Installation
AV-V332	Surface Distress and Street Surveying Procedures
AV-V333	Surface Distress and Street Surveying Procedures Part 2
AV-V334	Surface Distress and Street Surveying Procedures Section A
AV-V348	Timber Bridge Inspection in Oregon
AV-V413	Traffic Information Network, 20 Minute Traffic Ticker, Emergency Vehicles in Traffic, Reversible Lanes, Pedestrian Safety, School Bus Awareness, Bicycle Safety, Ridesharing, Safety Management Systems
AV-V361	Traffic Sign Inspection and Maintenance
AV-V370	Unsurfaced Road Inspection
AV-V371	Unsurfaced Road Management

#### MATERIALS

AV-V665	10 Steps to Chemical Safety
AV-V422	AASHTO T-27: Sieve Analysis of Fine Aggregate, Sieve Analysis of Coarse Aggregate
AV-V725	Applying Pesticides Correctly: Mixing/Loading, Storage and Disposal
AV-V531	Asphalt Emulsions and Their Uses
AV-V735	Chemsafe 2000: Material Safety Data Sheets
AV-V054	Cold Weather Effects
AV-V792	Concrete Materials: Admixtures
AV-V072	CSI Blaster/Painters Coating Demonstration of IC Coating 531
AV-V623	Decontamination
AV-V608	Decontamination Procedures
AV-V085	Dust Control 1989
AV-V723	Evaluation Procedures for Deicing Chemicals
AV-V781	Experiences with Geogrid as Base Reinforcement 1991 through 1997
AV-V710	Flowable Fill: Controlled Low-Strength Material (CLSM)
AV-V718	Flowable Fill in Boone County
AV-V572	Handling Hot Mix Asphalt
AV-V126	Hardwood Anyone?
AV-V748	Hazard Communication: KHAZ Talk Radio
AV-V532	Hot Mix Asphalt is the Best Buy...All of the Time
AV-V609	How to Select & Safely Use Herbicides
AV-V146	Hydrated Lime: Key to Improved Asphalt Pavements
AV-V152	Idea Store 2
AV-V154	Idea Store 4
AV-V164	Introduction to Asphalt Materials
AV-V171	Lime: The Versatile Stabilizer in Construction
AV-V187	Marafi Filter Fabric; Better Roads with Petromat
AV-V790	Materials for Concrete: Water and Aggregates
AV-V190	Materials Sampling & Testing
AV-V574	Modern Asphalt Plants

AV-V195	Modern Timber Bridges: A New Return for Old New England
AV-V202	Municipal Compost Technique
AV-V233	Pavement Marking Inspection: Traffic Paint
AV-V431	Paving the Way...to the 21st Century
AV-V780	PENNZSUPPRESS D Solution: Soil Stabilization and Effective Control of Road Dust and Soil Erosion
AV-V627	Pesticide Primer
AV-V275	Reliable Witness: Direct Tension Indicators
AV-V777	Road Oyl: Resin Modified Emulsion
AV-V288	Road Stabilization Using Calcium Chloride
AV-V349	Timber Bridges, Build Better and Save with Modern Timber Bridges
AV-V374	Verglimit (Job Mixing and Laying)
AV-V375	Verglimit (Snow and Ice Removal)
AV-V376	Verglimit Profile: Tappan Zee Bridge, New York
AV-V381	Wetted Salt (Revised)
AV-V389	Working For You
AV-V726	Working Safety with Pesticides

#### PAVEMENTS

AV-V680	Absolutely Asphalt
AV-V779	ARAN Automatic Road Analyzer
AV-V016	Asphalt Overlays: The Four P's
AV-V440	Asphalt-PASER: Pavement Surface Evaluation and Rating
AV-V017	Asphalt Pavement Applications with Robert Joubet
AV-V018	Asphalt Paving Inspection
AV-V433	Asphalt Paving Inspections
AV-V432	Asphalt Roadway Rehabilitation
AV-V698	Beyond the Surface-Building a Better Foundation for the Future
AV-V032	Bituminous Concrete Paving
AV-V034	Bituminous Seal Coat
AV-V605	Building the Notched Wedge Joint
AV-V782	Carbide Grinding
AV-V434	Chip Seal Application
AV-V066	Concrete Pavement Overlays
AV-V721	Concrete Pavement Restoration
AV-V069	Crack Repair in Asphalt Pavement
AV-V070	Crack Sealer, Parts 1 & 2
AV-V084	DuraPatcher
AV-V393	DuraPatcher: Patching Only
AV-V086	Dynapac HR 21 Plex System
AV-V087	Early Opening of Full-Depth Concrete Repairs
AV-V088	Economic Analysis to Select Repair Strategies: Life Extension
AV-V089	Economic Analysis to Select Repair Strategies: Maintenance and Rehabilitation Strategies, Life Cycle Cost Analysis
AV-V097	Everyone Pays for Potholes
AV-V099	Extending the Bituminous Pavement Construction Season
AV-V100	FHWA Test Road: Construction of an Instrumented Test Pavement
AV-V102	Finding Better Ways: New Research into Cost-Effective Pavement Repairs
AV-V504	Fit to Be Tied: Retrofitting PCC Pavement with Dowel Bars
AV-V710	Flowable Fill: Controlled Low-Strength Material (CLSM)
AV-V616	Forum on Major Factors Affecting Asphalt Concrete Pavement Performance
AV-V117	Full-Depth Repair of Jointed Concrete Pavement

AV-V791 Fundamentals of Reinforced and Prestressed Concrete  
 AV-V124 Guidelines for Spring Highway Use Restrictions  
 AV-V573 Hauling Hot Mix Asphalt  
 AV-V138 Hot In-Place Recycling: New-Technology for Old Roads  
 AV-V144 How to Prevent Segregation  
 AV-V154 Idea Store 4  
 AV-V615 Innovative Pavement Maintenance Technology: A SHRP Video Report  
 AV-V167 Introduction to the Rehabilitation of Highway Concrete  
 AV-V181 Maintaining Asphalt Roads: Blade Patching  
 AV-V184 Maintenance Supervisor's Responsibilities; Patch PCC with PCC; Patch PCC with Bituminous Materials  
 AV-V192 Minnesota I-90 Recycling  
 AV-V193 MN/DOT On the Move: Recycling "D" Cracked Concrete Pavement  
 AV-V226 Partial-Depth Repair of Concrete Pavement  
 AV-V231 Patching with Hand Tools; Maintain Non-Hard Surfaces; Permanent Pothole Patching; Bituminous Surface Replacement  
 AV-V232 Pavement Management Systems for Local Administrators 1990  
 AV-V233 Pavement Marking Inspection: Traffic Paint  
 AV-V234 Pavement Structure Repair Techniques, I  
 AV-V235 Pavement Structure Repair Techniques, II  
 AV-V236 Paving and Compaction Training  
 AV-V694 Paving Site Work Practices for Quality-It's Up to You!  
 AV-V237 Paving Techniques  
 AV-V431 Paving the Way...to the 21st Century  
 AV-V249 Pothole Patcher  
 AV-V250 Pothole Repair  
 AV-V251 Pothole Repair in Asphalt Concrete Pavement  
 AV-V252 Pothole Repair in Surface Treatment Pavement  
 AV-V699 Pothole Repair: Proven Practices  
 AV-V253 Potholes: Causes, Cures & Prevention  
 AV-V256 Prestressed Concrete Overlay on IH35 in Texas  
 AV-V527 Protecting Our Pavement: Preventive Maintenance  
 AV-V263 Puff Asphalt Maintenance Systems  
 AV-V264 Pulvi-Mixer  
 AV-V271 Recycling Continuously Reinforced Concrete Pavement on I-29 in North Dakota  
 AV-V272 Recycling Portland Cement Concrete Pavements  
 AV-V396 Recycling the Lifeline  
 AV-V274 Rehabilitation of Interstate I-20/I-59 Meridian, Mississippi  
 AV-V276 Repair of Depressions, Rutting and Corrugations  
 AV-V550 Resilient Modulus Executive Summary: Is This the Right Time?  
 AV-V720 Resilient Modulus Laboratory Tests parts I & II  
 AV-V552 Resilient Modulus Sample Preparation and Test Procedures  
 AV-V551 Resilient Modulus Startup and Quality Control Procedures  
 AV-V280 Resurfacing City Streets with Concrete  
 AV-V286 Road Management Systems  
 AV-V287 Road Repair: Do the Right Thing at the Right Time  
 AV-V291 ROSCO RA-200 Demonstrations and Applications 1992  
 AV-V304 Scarification and Jackhammers Versus Hydrodemolition  
 AV-V305 Sealcoating: A Matter of Science and Skill  
 AV-V306 Selective Pavement Rehabilitation  
 AV-V310 SHRP Paving the Way for Tomorrow's Highways  
 AV-V311 Single and Multiple Surface Treatments  
 AV-V712 Smoother pavements: Highways Fit for a King

AV-V691	Smoother Roads Playbook with John Madden
AV-V318	Special Hot Mixes: SMA-ATPB-Rubberized
AV-V322	Stamped Concrete. Re-Paving City Streets. Tilt-Up Concrete Construction. Kerney Hills Golf Course.
AV-V331	SUPERPAVE: Asphalt Pavements that Perform
AV-V709	Superpave: Tomorrow's pavements Today
AV-V332	Surface Distress and Street Surveying Procedures
AV-V333	Surface Distress and Street Surveying Procedures Part 2
AV-V334	Surface Distress and Street Surveying Procedures Section A
AV-V339	Technical Advancements for Maintenance Workers: for Maintenance Managers and Work Crews
AV-V340	Technical Advancements for Maintenance Workers: for Chief Administrative Officers
AV-V344	Thermo-Lay Hot Asphalt and Sanding Machine
AV-V345	Thin High Strength Whitetopping Research
AV-V793	Trouble Shooting and Prevention of Concrete Problems in the Field
AV-V368	Truck Impacts on Pavements
AV-V425	Ultra-Thin Whitetopping: Today's Choice for Durable Pavement Overlays
AV-V455	Understanding Superpave Mix Design
AV-V373	Uses of Asphalt Rubber
AV-V384	Whitetopping I-70 Sherman County, Kansas
AV-V696	Working with Your FWD calibration Center to Produce Quality Deflection Data

#### QUALITY

AV-V265	Quality Control of Concrete on Site
AV-V266	Quality or Else: Change to Survive: A Brand New Ball Game
AV-V267	Quality or Else: How to Hit the Moving Target
AV-V268	Quality or Else: The Global Marketplace

#### RESEARCH & TESTING

AV-V422	AASHTO T-27: Sieve Analysis of Fine Aggregate, Sieve Analysis of Coarse Aggregate
AV-V779	ARAN Automatic Road Analyzer
AV-V698	Beyond the Surface-Building a Better Foundation
AV-V773	CSA Asphalt Rheometer: Low Cost, Field Grade DSR for Characterization of Asphalt Binders
AV-V100	FHWA Test Road: Construction of an Instrumented Test Pavement
AV-V102	Finding Better Ways: New Research into Cost-Effective Pavement Repairs
AV-V114	Freeze-Thaw Testing
AV-V406	Greenline Impact Test
AV-V763	Highway Innovative Technology Evaluation Center
AV-V419	Kentucky Transportation Center
AV-V190	Materials Sampling and Testing
AV-V265	Quality Control of Concrete on Site
AV-V550	Resilient Modulus Executive Summary: Is This the Right Time?
AV-V720	Resilient Modulus Laboratory Tests Parts I & II
AV-V552	Resilient Modulus Sample Preparation and Test Procedures
AV-V551	Resilient Modulus Startup and Quality Control Procedures
AV-V303	Sampling & Testing Fresh Concrete
AV-V410	SECUTC-UK Research Projects 1989
AV-V309	SHRP Now! Exhibit: 1991 AASHTO Technology Transfer Fair
AV-V310	SHRP! Paving the Way for Tomorrow's Highways
AV-V753	Smart Road
AV-V327	Strategic Highway Research Program

ROADSIDE FEATURES  
(BARRIERS, GUARDRAILS, MAILBOXES, UTILITIES)

AV-V010	Aesthetic Bridge Rails and Guardrails
AV-V401	Breakaway Pole Demo Project
AV-V038	Breakaway Timber Utility Poles
AV-V402	Breakaway Wood Pole Installation Tates Creek Road & McMeekin Place
AV-V066	Concrete Bridge Railings; Modified Thrie Beam Guardrails, Cable Guardrails
AV-V114	For Safety's Sake
AV-V118	Functional Requirements of Highway Safety Features
AV-V123	Guardrail Installation and Repair
AV-V180	Mailboxes May Be Hazardous to Your Health
AV-V476	Making Safer Roads
AV-V207	New Highway Barrier
AV-V269	Quickchange Movable Barrier
AV-V394	Quickchange Movable Barrier: Dallas, Texas East R.L. Thorton Freeway I-30 Contraflow HOV Lane
AV-V292	Routine Structure Cleaning, Maintain Drainage, Ditches, Mowing, Guardrail Repair, Shoulders, Snow Removal
AV-V293	Routine Structure Cleaning; Edge Rut Repair; Maintain Drainage; Mowing; Chemical Control of Vegetation; Remove Minor Slides & Clean Ditches; Guardrail Repair; Plow Snow & Apply Salt.
AV-V300	Safer Roadside
AV-V301	Safety Features for Local Roads & Streets
AV-V415	Subsurface Utility Engineering: A Proven Solution
AV-V330	Subsurface Utility Engineering: A Technology for the '90s
AV-V354	Traffic Barriers: An Overview; W-Beam, Wood and Steel; Traffic Barrier Terminal
AV-V486	Utility Cut Repair: Doing It Right
AV-V474	Utility Cuts in Paved Roads, Part 1 and 2

SAFETY & HEALTH

AV-V665	10 Steps to Chemical Safety
AV-V579	A-OK Finger Safety
AV-V730	Accident Free Backing and Parking: Backing and Parking Cars and Light Trucks
AV-V714	Adopt-A-Highway Safety Video
AV-V473	Along for the Ride: Safer Bicycling for Everyone
AV-V489	America in Jeopardy: Drugs in the Workplace
AV-V725	Applying Pesticides Correctly: Mixing/Loading, Storage and Disposal
AV-V741	Applying Pesticides Correctly: Personal Protective Equipment
AV-V656	At the Office: Kentucky Version
AV-V586	Avoid Hot Mix Hazards: Working Safely With Hot Mix
AV-V467	Back Safety Training Timeout
AV-V019	Back to Basics
AV-V567	Back Belts
AV-V500	Backhoe Loader: Safe Operating Techniques
AV-V558	Barricade Safety: The Forbidden Zone
AV-V628	Basic First Aid, Part 1
AV-V025	Be a Good Neighbor. Be a Designated Driver
AV-V559	Beating a Blowout
AV-V427	Big Chill
AV-V588	Bloodborne Pathogens 2000
AV-V401	Breakaway Pole Demo Project

AV-V037	Breakaway Sign Program
AV-V038	Breakaway Timber Utility Poles
AV-V402	Breakaway Wood Pole Installation Tates Creek Road & McMeekin Place
AV-V622	Bucket Trucks
AV-V757	Cellular Phones and Two-Way Radios
AV-V667	Chain Saw Safety
AV-V727	Chain Saw Safety
AV-V735	Chemsafe 2000: Material Safety Data Sheets
AV-V048	Children in Traffic: Why They Are Different
AV-V411	Coal Transportation
AV-V451	Confined Space Entry: The Final Regulation
AV-V563	Dangerous Crossings: A Second Thought
AV-V074	Dead Right
AV-V623	Decontamination
AV-V608	Decontamination Procedures
AV-V654	DOT-Alcohol Supplement
AV-V634	D.O.T. Drug Training in the Workplace
AV-V655	DOT-Substance Abuse and Constructive Confrontation
AV-V521	Driving Defensively I
AV-V522	Driving Defensively II
AV-V417	Driving in Bad Weather
AV-V788	Drug Supervisor Education to Meet DOT Anti-Drug and Alcohol Supervisor Education Requirements
AV-V679	Drug Testing in the Workplace
AV-V466	Earthquake: A Matter of Time
AV-V644	Effective Disaster Recovery Techniques
AV-V746	Emergency Evacuation Procedures
AV-V625	Employee Responsibilities
AV-V510	Ergo Kinetics: Smart Moves for Office Ergonomics
AV-V687	Ergonomics for the 21 <sup>st</sup> Century
AV-V569	Eye Injuries
AV-V739	Eye Protection
AV-V683	Fire Extinguishers-Fire Prevention 2000
AV-V464	Fire Prevention
AV-V749	Fire Safety Training
AV-V103	First on the Scene
AV-V104	Fit for the Road: Evaluating the Health of Commercial Truck Drivers
AV-V621	Five Minute Inspection
AV-V630	Flagging and Work Zone Traffic Control Safety
AV-V565	Flashburn
AV-V564	Foot Closer to Safety
AV-V508	Foot Protection
AV-V506	Forklift Safety
AV-V577	Forklift Safety: OSHA Final Rules
AV-V118	Functional Requirements of Highway Safety Features
AV-V437	General Welding Safety and Tank Repair
AV-V121	Good Driving Is an Attitude
AV-V450	Hand and Power Tool Safety
AV-V740	Hand and Power Tools: Fleet Shop
AV-V505	Hand and Wrist Injuries
AV-V449	Handling the Heat
AV-V453	Hard Hat Safety
AV-V748	Hazard Communication: KHAZ Talk Radio

AV-V127	Hazards of Hurry
AV-V462	Head Protection
AV-V745	Hearing Conservation
AV-V514	Heat Can Kill
AV-V759	Heat Illness
AV-V754	Heat Stress
AV-V136	Highway Safety Program. Highway Safety: the Silent Factor
AV-V523	How to Prepare for an OSHA Inspection
AV-V609	How to Select & Safely Use Herbicides
AV-V653	Human Behavior: Reducing Unsafe Acts
AV-V640	Hunt Down Electrical Hazards
AV-V610	Hurricanes, Tornadoes & Floods
AV-V666	Hypothermia
AV-V154	Idea Store 5
AV-V156	Idea Store 6
AV-V158	Idea Store 8
AV-V477	It Always Happens to the Other Guy
AV-V686	It Only Takes a Second
AV-V560	Just Horsing Around
AV-V742	Killer Bees, Wasps, and Spiders
AV-V738	Ladders, Poles & Scaffolds
AV-V728	Landscape Maintenance Safety
AV-V731	Lifting Safely in Construction
AV-V175	Loader-Backhoe Safety: Operator Safety
AV-V176	Loader-Backhoe Safety: Worker Safety
AV-V509	Lockout/Tagout of Construction Equipment
AV-V669	LO/TO for Affected Authorized Employees Update
AV-V761	Lyme Disease
AV-V180	Mailboxes May Be Hazardous to Your Health
AV-V729	Maintenance Person Safety: General Industry
AV-V416	Make Winter Driving Safer
AV-V562	Managing Space and Time for Safe Driving
AV-V189	Master Plan for Safe Trucks and Buses
AV-V517	Medical Emergencies in the Workplace I
AV-V639	Motor Fleet Maintenance Safety
AV-V201	Multiple Choice
AV-V580	Murder On Your Hands
AV-V641	Myths About Personal Protective Equipment
AV-V624	Now Hear This
AV-V525	On Any Given Day
AV-V216	On the Road to a Safer Tomorrow
AV-V566	One Breath Away
AV-V511	Outdoor Safety: Critters and Plants
AV-V227	Partners for Safety: An Introduction to the Safety Management System
AV-V228	Partners In Safety
AV-V587	Pave Your Way to Safety: Concrete Paving Safety
AV-V238	Pedestrian Accident Reconstruction
AV-V239	Pedestrian Safety: What You Can Do
AV-V240	Pedestrians
AV-V627	Pesticide Primer
AV-V743	Poisonous Plant Safety
AV-V463	Portable Fire Extinguishers
AV-V261	Protection of Locators and Surveyors

AV-V447	Protective Equipment
AV-V483	Ready...Set... Winter! Driving Safely on Ice and Snow
AV-V632	Reasonable Suspicion: Drug Testing at Supervisor Discretion
AV-V428	Reduce Accident Rates By as Much as 90%!; Dress Safe
AV-V513	Riding on Rolling Stock
AV-V470	Right-of-Way Mowing Safety
AV-V283	Right to Know: Hazard Communication in the Workplace
AV-V795	Road Rage and Aggressive Driving: A View from the Driver's Seat
AV-V674	Road Rage Driver Training
AV-V503	Safe and Efficient Operation of Hand-Held Cutoff Saws
AV-V737	Safety Bite: Shoveling Safety
AV-V299	Safely Controlling the Power of the Backhoe/Loader
AV-V301	Safety Features for Local Roads & Streets
AV-V702	Safety for Equipment Maintenance and Engineering
AV-V682	Safety in Snow Removal
AV-V524	Safety Is Your Responsibility
AV-V478	Safety Training for Repair Technicians
AV-V664	Safety Awareness II: the Gory Story
AV-V676	Safety Made Simple: The ABC's of Work Zone Safety
AV-V479	School Zone Safety
AV-V307	Shake Hands with Danger
AV-V561	Sharing the Road
AV-V570	Shock Hazards: Power Tools
AV-V747	Shop Safety
AV-V794	Skin Safety with Cement and Concrete
AV-V516	Slip, Slop & Slap
AV-V461	Slips, Trips and Falls
AV-V732	Slips, Trips and Falls in Construction
AV-V426	Sorry I Didn't Hear That
AV-V392	Spirit of Trucking
AV-V448	Tag, You're It
AV-V684	Think About This
AV-V760	Think and Drive
AV-V733	Think; Pick Up; Think-Depend; Pick Up-Ticket
AV-V526	Timing Is Everything
AV-V351	To Warn, Guide and Protect: An Introduction to Flagging
AV-V595	Tool Box Safety Talks: Construction Equipment Maintenance
AV-V612	Tool Box Safety Talks: Safety Belts for Vehicle Safety
AV-V594	Tool Box Safety Talks: Working Around Construction Equipment
AV-V413	Traffic Information Network, 20 Minute Traffic Ticker, Emergency Vehicles in Traffic, Reversible Lanes, Pedestrian Safety, School Bus Awareness, Bicycle Safety, Ridesharing, Safety Management Systems
AV-V494	Traffic Safety Series
AV-V364	Transport Trailer Safety
AV-V452	Tree Trimming Safety
AV-V367	Trenchers: Stay Alert-Stay Alive
AV-V774	Truck Stop and Wheel Lock
AV-V706	Trucking Through the work Zone
AV-V369	Unattended Work Sites
AV-V482	Unrestrained Motorists: The Cost to Your Community
AV-V512	Violence in the Workplace
AV-V755	Violence in the Workplace
AV-V677	Vital Issues: Meeting the Alcohol Testing Requirements

AV-V708	Walk!
AV-V626	Watch Your Load
AV-V789	What To Do About Workplace Emergencies
AV-V520	When Lightning Strikes
AV-V568	Where Are Your Hands?
AV-V762	Winter Driving
AV-V629	Winter Driving Safety
AV-V585	Work Zone Ahead: Highway Work Zone Safety
AV-V652	Work Zone Safety and the Revision of the Manual on Uniform Traffic Control Devices
AV-V387	Work Zone Safety Concepts
AV-V423	Work Zone Safety for Roadway Maintenance Operations on Rural Highways
AV-V388	Work Zone Safety for Rural Local Agencies
AV-V726	Working Safely with Pesticides
AV-V557	Workplace Fatalities: Most Common Causes

#### SNOW & ICE CONTROL, TEMPERATURE, WEATHER

AV-V649	Anti-Icing/Deicing
AV-V480	Anti-Icing for Maintenance Personnel
AV-V427	Big Chill
AV-V751	CMA: Zilwaukee Bridge
AV-V054	Cold Weather Effects
AV-V417	Driving in Bad Weather
AV-V090	Effective Snow Fences: Benefits of Snow Fences, Key Elements of Snow Fences
AV-V647	Equipment Operation
AV-V723	Evaluation Procedures for Deicing Chemicals
AV-V099	Extending the Bituminous Pavement Construction Season
AV-V115	Freeze-Thaw Testing
AV-V449	Handling the Heat
AV-V514	Heat Can Kill
AV-V759	Heat Illness
AV-V754	Heat Stress
AV-V666	Hypothermia
AV-V776	Ice Ban (Promotional Video)
AV-V158	Idea Store 8
AV-V645	Introduction to Winter Operations
AV-V416	Make Winter Driving Safer
AV-V597	New Generation of Snow and Ice Control: Anti-Icing and RWIS
AV-V246	Plow Power
AV-V648	Plowing Techniques
AV-V541	Portions of Snow and Ice Program (Anti-Icing Workshop)
AV-V646	Pre-Season Preparation
AV-V483	Ready...Set...Winter! Driving Safely on Ice and Snow
AV-V279	Response to Winter
AV-V292	Routine Structure Cleaning, Maintain Drainage, Ditches, Mowing, Guardrail Repair, Shoulders, Snow Removal
AV-V293	Routine Structure Cleaning; Edge Rut Repair; Maintain Drainage; Mowing; Chemical Control of Vegetation; Remove Minor Slides & Clean Ditches; Guardrail Repair; Plow Snow & Apply Salt
AV-V682	Safety in Snow Removal
AV-V302	Safety Restoration During Snow Removal; Guidelines
AV-V502	Snow Removal Techniques: Plowing Tips from the Pros
AV-V315	Snowfighting from A to Z

AV-V323 Staying Ahead of the Storm: Road Weather Information Systems  
 AV-V326 Straight Blade Snow Plows, Parts 1&2; Highway Sanders; Crack Sealer Operation Pts 1 & 2; Highway Sander Calibration, Tar Pot Operation; Bulldozer Preventive Maintenance  
 AV-V542 Strategies for Urban Wet Weather Management  
 AV-V339 Technical Advancements for Maintenance Workers: for Maintenance Managers and Work Crews  
 AV-V340 Technical Advancements for Maintenance Workers: for Chief Administrative Officers  
 AV-V536 Using Snow Plows on Motorgraders  
 AV-V650 Using Winter Weather Resources  
 AV-V374 Verglimit (Job Mixing and Laying)  
 AV-V375 Verglimit (Snow and Ice Removal)  
 AV-V376 Verglimit Profile: Tappan Zee Bridge, New York  
 AV-V379 Weather and Loads: The Effect They Have on Roads  
 AV-V381 Wetted Salt (Revised)  
 AV-V481 What Is Anti-Icing?  
 AV-V383 White Gold: An Overview of the Aspects of Snow Fighting  
 AV-V762 Winter Driving  
 AV-V629 Winter Driving Safety  
 AV-V651 Winter Driving Tactics

#### TRAFFIC OPERATIONS & TRAFFIC ENGINEERING

AV-V697 AT&T SmartSonic Traffic Surveillance System  
 AV-V613 Acoustics and Your Environment: The Basics of Sound and Highway Traffic Noise  
 AV-V003 Advance Warning (Flashing) Arrow Panels: Positive Guidance; Barrier Delineation in Work Zones: the Well Defined Path  
 AV-V473 Along for the Ride: Safer Bicycling for Everyone  
 AV-V457 ARTIMIS  
 AV-V027 Better Inductive Loop Detectors  
 AV-V771 Cellular Digital Packet Data: Accident Reporting Video Plot Program  
 AV-V775 CHART Video Technology Evaluation Study  
 AV-V617 Clean Air and Mobility: We Can Have Both  
 AV-V078 Devices  
 AV-V521 Driving Defensively I  
 AV-V522 Driving Defensively II  
 AV-V406 Greenline Impact Test  
 AV-V133 Highway Capacity: Level of Service and Characteristics of Traffic Flow for Local Government Officials  
 AV-V162 International Traffic Systems  
 AV-V719 Introduction to Freeway Incident Management; Operational Guidelines for Freeway Incident Management; Freeway Incident Management: Team Members Guidelines  
 AV-V412 Law Enforcement Against Accidents; Kentucky Uniform Accident Report Form  
 AV-V530 Low Speed Automobile Accidents: Accident Reconstruction  
 AV-V403 Lexington in Motion: Video Image Processing/Motion Detection  
 AV-V562 Managing Space and Time for Safe Driving  
 AV-V188 Markings and Islands  
 AV-V736 MUTCD Videoconference: Millennium Edition  
 AV-V206 New Directions in Sign Management  
 AV-V209 New Work Zone Safety Devices  
 AV-V217 Open Roads: A Look at Freeway Incident Management  
 AV-V238 Pedestrian Accident Reconstruction  
 AV-V576 Preventing Road Rage: Anger Management for Drivers  
 AV-V394 Quickchange Movable Barrier: Dallas, Texas East R.L. Thorton Freeway I-30 Contraflow HOV

	Lane
AV-V270	Ramp Metering: Signal for Success
AV-V408	Real Drive Simulator Demo
AV-V281	Retaining Wall Design; Traffic Control and Liability
AV-V282	Right Before Your Eyes
AV-V795	Road Rage and Aggressive Driving: A View from the Driver's Seat
AV-V674	Road Rage Driver Training
AV-V414	Setting Speed Limits
AV-V561	Sharing the Road
AV-V436	Sign Maintenance and Installation
AV-V319	Special Use Traffic Control
AV-V392	Spirit of Trucking
AV-V329	Street Closures
AV-V342	Testing and Field Inspection of Roadway Delineation
AV-V760	Think and Drive
AV-V355	Traffic Congestion: What Does the Future Hold?
AV-V356	Traffic Control for Schools, Railroad Crossings, and Bicycle Facilities
AV-V360	Traffic Control Signals at Intersections
AV-V469	Traffic Control: What Works?
AV-V413	Traffic Information Network, 20 Minute Traffic Ticker, Emergency Vehicles in Traffic, Reversible Lanes, Pedestrian Safety, School Bus Awareness, Bicycle Safety, Ridesharing, Safety Management Systems
AV-V409	Traffic Management Errors and Misconceptions in Cities
AV-V361	Traffic Sign Inspection and Maintenance
AV-V362	Traffic Sign Placement and Location
AV-V363	Traffic Signal System: Go for the Green
AV-V638	Unclogging America's Arteries: Prescriptions for Healthier Highways
AV-V678	Understanding Car Crashes: It's Basic Physics
AV-V456	What is ARTIMIS?
AV-V390	Worldwide Traffic Sign Systems

TRANSPORTATION (GENERAL)  
Highways, Railroads, Aviation, Transit

AV-V518	Aviation in Kentucky: An Economic Success Story
AV-V548	Best Investment a Nation Ever Made: A Call to Action
AV-V056	Coming and Going Viewers Guide
AV-V057	Coming and Going: Coast to Coast
AV-V058	Coming and Going: Over the Long Haul
AV-V059	Coming and Going: Road to the Future
AV-V796	Comparable Concepts for Replacement Housing/Business Relocation
AV-V643	Cumberland Gap Tunnel Tour: Drive into the Future
AV-V563	Dangerous Crossings: A Second Thought
AV-V529	Divided Highways
AV-V663	Examining the Planning and the Environmental Provisions of ISTEA (KTC Use Only)
AV-V420	Future of Highways and Mass Transit
AV-V707	Getting Our Message Out: Elevating Public Awareness of Transportation Issues
AV-V418	Growing National Concern Regarding Transportation Development and Environmental Quality
AV-V143	How to Move America
AV-V145	How We Pay for America's Roads
AV-V554	ISTEA to TEA-21: The New Transportation Law
AV-V194	Mobility: The Fifth Freedom

AV-V204	National Transportation Policy: Moving America into the 21st Century
AV-V547	Night to Remember: Washington Celebrates the 40 <sup>th</sup> Anniversary of the Interstate
AV-V454	On the Road to Equality: Women in Highway Construction
AV-V546	Planning for a Transit Friendly Community
AV-V539	Presenting Vital Signs: The Case for Community Transit
AV-V675	Thinking Beyond NEPA: Building Better Projects through Community Involvement
AV-V346	Third Annual Washington High Speed Rail Forum Held in Washington, D.C. on October 25, 1999
AV-V770	Transportation Librarians: Partners in Technology Transfer
AV-V708	Walk!
AV-V662	Wildlife Ecology and Transportation (KTC Use Only)

#### WORK ZONES

AV-V003	Advance Warning (Flashing) Arrow Panels: Positive Guidance; Barrier Delineation in Work Zones: the Well Defined Path
AV-V656	At the Office: Kentucky Version
AV-V558	Barricade Safety: The Forbidden Zone
AV-V485	Basic Work Zone Safety Training
AV-V049	City Maintenance Operations
AV-V077	Developing Job Site Traffic Control Plans
AV-V078	Devices
AV-V614	Diversions
AV-V611	Dropoffs
AV-V105	Flagger, The
AV-V484	Flagger Training for Construction, Maintenance & Utility
AV-V106	Flagging
AV-V107	Flagging and the Flagger
AV-V630	Flagging and Work Zone Traffic Control Safety
AV-V108	Flagging Operations and Procedures
AV-V109	Flagging Procedures and Operations; Flagging: Monitoring, Maintenance, and Record Keeping
AV-V633	Flagging Traffic Safely
AV-V110	Flagging: Work Zone Traffic Control
AV-V111	Flagman, The
AV-V113	Flagperson Certification
AV-V134	Highway Maintenance Overview, Traffic Control Work Areas, The Flagger, Traffic Control in Moving Operations, Traffic Control in Maintenance Work Areas.
AV-V152	Idea Store 2
AV-V160	Installation, Inspection, and Maintenance of Worksite Traffic Control Devices
AV-V163	Intersection Work
AV-V166	Introduction to Low Speed Traffic Control
AV-V177	Low Speed Lane Closures
AV-V750	Mobile Work Zone Operations
AV-V198	Moving and Mobile Operations
AV-V736	MUTCD Videoconference: Millennium Edition
AV-V209	New Work Zone Safety Devices
AV-V210	Nighttime Traffic Control
AV-V216	On the Road to a Safer Tomorrow
AV-V225	Parking Lane/Shoulder Work
AV-V228	Partners In Safety
AV-V240	Pedestrians
AV-V258	Professional Flagging: Basic Principles, Procedures and Applications
AV-V298	Safe Efficient Lane Closure

AV-V676 Safety Made Simple: The ABC's of Work Zone Safety  
AV-V329 Street Closures  
AV-V339 Technical Advancements for Maintenance Workers: for Maintenance Mangers and Work Crews  
AV-V340 Technical Advancements for Maintenance Workers: for Chief Administrative Officers  
AV-V351 To Warn, Guide and Protect: An Introduction to Flagging  
AV-V357 Traffic Control for Short Term Work Zones  
AV-V358 Traffic Control on Concrete 4R Projects  
AV-V359 Traffic Control Procedures  
AV-V706 Trucking Through the Work Zone  
AV-V369 Unattended Work Sites  
AV-V704 What's Wrong With This Work Zone?  
AV-V585 Work Zone Ahead: Highway Work Zone Safety  
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