VIDEO TAPE LENDING LIBRARY
2002 CATALOG
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**VIDEOTAPE LISTING and DESCRIPTIONS**

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- Design/Construction 8 - 19
- Equipment Operations/Maintenance 20 - 24
- General Interest 24 - 29
- Maintenance/Operations 29 - 40
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Note: pagination is off by one due to addition of cover after layout.
LENDING LIBRARY OPERATING PROCEDURES

This library contains various videotapes, interactive compact discs (CD-I) and CD-Roms that are available from the Technology Transfer Center at the Georgia Department of Transportation. The Center is sponsored by the Federal Highway Administration as part of the Local Technical Assistance Program (LTAP) and by the Georgia Department of Transportation.

LIBRARY FORMAT

The library consists of many titles, covering the areas of transportation and related topics. Nine major categories have been established for ease of use, as listed below.

1. Commercial Drivers License
2. Compact Disc Interactive
3. Design/Construction
4. Equipment Operations/Maintenance
5. General Interest
6. Maintenance/Operations
7. Planning/Administration
8. Safety/Traffic
9. Spanish Language/Training

Each of the items have been assigned a number for easy identification. In the listing that follows, each videotape is described according to the number and title, the videotape length in minutes, and the originating agency. All videos are presented in the ½ inch VHS format and operate on a standard VHS videocassette recorder/player (VCR).

NUMBER OF TITLES IN EACH CATEGORY

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial Drivers License</td>
<td>4</td>
</tr>
<tr>
<td>Compact Disc Interactive</td>
<td>13</td>
</tr>
<tr>
<td>Design/Construction</td>
<td>66</td>
</tr>
<tr>
<td>Equipment Operations/Maintenance</td>
<td>21</td>
</tr>
<tr>
<td>General Interest</td>
<td>24</td>
</tr>
<tr>
<td>Maintenance/Operation</td>
<td>66</td>
</tr>
<tr>
<td>Planning/Administration</td>
<td>21</td>
</tr>
<tr>
<td>Safety/Traffic</td>
<td>63</td>
</tr>
<tr>
<td>Spanish Language/Training</td>
<td>19</td>
</tr>
</tbody>
</table>
BORROWING PROCEDURES AND FEES

Use this catalog to select the training material which will be mailed to your agency. The material is available to you at NO CHARGE. A maximum of two (2) items may be loaned for a period of two (2) weeks.

Please Mail Your Requests To:
TECHNOLOGY TRANSFER CENTER
Georgia Department of Transportation
276 Memorial Drive, SW
Atlanta, GA  30303

Or Use Our WATS Number:
800-573-6445

Or Use Our FAX Number:
404-463-3564

Or E-mail:
rick.smith@dot.state.ga.us

GEORGIA’S LOCAL TECHNICAL ASSISTANCE PROGRAM (LTAP)

The Georgia Department of Transportation and the Federal Highway Administration has played a leading role in helping local government agencies apply new transportation technologies through a broad spectrum of highway research, training and transportation planning activities.

Georgia’s LTAP offers four primary types of assistance:

Training Workshops - on topics such as work zone traffic control, asphalt pavement, geographic information systems and management.

Technical Materials - a variety of transportation materials are available for loan, such as research reports, software, training packages and videotapes.

Technical Information Services - a professional staff ready to answer questions or refer inquiries on transportation-related problems, such as pavements, bridges, traffic engineering, and public transportation.

Quarterly Newsletters - with articles on research and training programs and new transportation technologies, listings of available technical materials and assistance, and schedules of training workshops and meetings.

For more information on Georgia’s LTAP, call Rick Smith, Program Director at (404) 656-5364 or 800-573-6445 or write to Georgia Department of Transportation, Technology Transfer Center, 276 Memorial Drive, S.W., Atlanta, GA  30303.
A seven-part series, on four tapes, to prepare drivers for testing required for the CDL. Tapes designed to be used without instructor but in conjunction with the CDL manual.

**CDL-101** Commercial Drivers License Video Series.
- Part 1: Overview, 13 minutes
- Part 2A: Vehicle Inspection, 27 minutes
- Part 2B: Operating, 40 minutes
- Penn. DOT
- Format: VHS

**CDL-102** Commercial Drivers License Video Series.
- Part 2C: Operating Techniques (continued), 34 minutes
- Part 2D: Vehicle Safety, 22 minutes
- Part 3: Transporting Cargo, 12 minutes
- Part 4: Transporting Passengers, 15 minutes
- Penn. DOT
- Format: VHS

**CDL-103** Commercial Drivers License Video Series.
- Part 2D: Vehicle Safety
  - 22 minutes
- Penn. DOT
- Format: VHS

**CDL-111** Fit For The Road.
- 20 minutes
- FHWA
- Format: VHS

The intent of this video is to inform examining physicians of the physical and emotional demands placed on commercial motor vehicle drivers and the Federal Highway Administration’s medical criteria.
**Compact Disc Interactive Titles**

**CDI-101 Drug & Alcohol Awareness.**
Training Express Multimedia Training for Truck Drivers
Format: CD-I
Covers alcohol, drugs, and the law; alcohol use and abuse; drug use and abuse; getting help.

**CDI-102 Hours of Service.**
Training Express Multimedia Training for Truck Drivers
Format: CD-I
Covers the daily log; the 10 & 15 hours rules; the 60/70 hour rule; regulations & penalties.

**CDI-103 Backing & Turning.**
Training Express Multimedia Training for Truck Drivers
Format: CD-I
Covers backing safely; basic maneuvers; advanced maneuvers; right & left turns.

**CDI-104 Speed Management.**
Training Express Multimedia Training for Truck Drivers
Format: CD-I
Covers stopping distance; surface conditions; road shape; visibility; traffic flow.

**CDI-105 Pre-Trip Inspections.**
Training Express Multimedia Training for Truck Drivers
Format: CD-I
Covers types of inspections; key inspection points; inside the cab; lights, brakes, & coupling system.

**CDI-106 Hazardous Materials.**
Training Express Multimedia Training for Truck Drivers
Format: CD-I
Covers the hazardous materials table; shipping papers; placards, marking, & labels; loading & safety.

**CDI-107 Space Management.**
Training Express Multimedia Training for Truck Drivers
Format: CD-I
Covers space ahead & behind; space to the sides; space above & below; managing space in traffic.
<table>
<thead>
<tr>
<th>CDI-108</th>
<th>Work Zone Traffic Control</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AASHTOWare</td>
</tr>
<tr>
<td>Format:</td>
<td>CD-I</td>
</tr>
<tr>
<td></td>
<td>Allows viewers to work through three work zones of increasing difficulty to determine what is wrong and what is right about the layout.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CDI-109</th>
<th>Snow &amp; Ice Control</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AASHTOWare</td>
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<tr>
<td>Format:</td>
<td>CD-I</td>
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<tr>
<td></td>
<td>Allows viewers to interact with the program to learn various techniques for proper Snow &amp; Ice Control.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CDI-110</th>
<th>Motorgrader Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format:</td>
<td>CD-I</td>
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<tr>
<td>Two Disc Set</td>
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<tbody>
<tr>
<td>Video Arts</td>
<td></td>
</tr>
<tr>
<td>Format:</td>
<td>CD-I</td>
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<tr>
<td></td>
<td>A training assistant with discussion leaders guidebook covering assertive behavior, honesty, compromise and strength in negotiation.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CDI-112</th>
<th>Meetings, Bloody Meetings.</th>
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<tr>
<td>Video Arts</td>
<td></td>
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<tr>
<td>Format:</td>
<td>CD-I</td>
</tr>
<tr>
<td></td>
<td>A training assistant with discussion guidebook covering preparation, planning, structure, control and recording of successful meetings.</td>
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</tbody>
</table>

<table>
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<tr>
<th>CDI-113</th>
<th>The NGA Truck and Bus Data Elements.</th>
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<tr>
<td>USDOT</td>
<td></td>
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<tr>
<td>Format:</td>
<td>CD-I</td>
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</tbody>
</table>
Design/Control

D/C-101  **Surface Utility Engineering-A Technology for the 90's.**
13 minutes
SO-Deep, Inc./FHWA
Format: VHS
Stresses the benefits of accurately locating underground utilities. Vacuum excavation techniques are shown.

D/C-102  **Timber Bridges: Build Better and Save With Modern Timber Bridges**
22 minutes
FHWA
Format: VHS
This tape discusses the cost effectiveness of modern stressed timber bridges, as covered in the May, 1987 Timber Bridge conference.

D/C-103  **Asphalt Concrete Paving Inspection.**
25 minutes
IRF
Format: VHS
Gives a general overview of hot-mix paving operations and inspection of the work. Covers basic responsibilities, paving operations and some common problems with paving operations.

D/C-104  **Asphalt Concrete Plant Inspection.**
25 minutes
IRF
Format: VHS
Five parts: 1. Asphalt mixture, basic mixing process, basic operation of asphalt batch plants, and basic operation of dryer drum plants; 2. Material controls for aggregates, admixtures, and asphalt; 3. Inspection and controls for batch plants; 4. Inspection and controls for dryer drum plants; and 5. Control procedures for asphalt mix.

D/C-105  **Chip Seal, Prime, Flush and Tack Coat Inspection.**
15 minutes
IRF
Format: VHS
The module presents detailed procedures for these surface treatments including inspection and controls for materials, equipment and construction.
D/C-106  Concrete Paving Inspection.  
20 minutes  
IRF  
Format: VHS  
The module consists of: 1. Inspection of the alignment and grade control, the subgrade preparation, the setting of forms, the preparation of concrete, the lean concrete base; 2. Inspecting the placement and curing of concrete and paving with a slip form paver; 3. Construction inspection of joints, testing and accepting the finish pavement.

D/C-107  Field Sampling and Testing for Bituminous Construction.  
40 minutes  
IRF  
Format: VHS  
Four parts: 1. Bituminous mixtures; 2. Procedures for sampling of aggregates, asphalt, and bituminous mixtures; 3. Field testing methods for aggregates, including gradation test, Sand Equivalent Test, Crushed Faces Test, and Flakiness Index Test; and 4. Field testing methods for bituminous mixtures including Particle Coating Test, Extraction Test, Moisture Content Test, Asphalt Retention Test, Rice Test (for determination of the maximum specific gravity of uncompacted mixtures), and Marshal Test.

D/C-108  Field Sampling and Testing for Concrete Construction.  
15 minutes  
IRF  
Format: VHS  
Two parts: 1. Introduction and the description of concrete components; 2. Concrete sampling in the field, and test methods for Slump Test, Air Content Test, Comprehensive Strength Test.

D/C-109  Incidental Concrete Structures Inspection.  
25 minutes  
IRF  
Format: VHS  
Three parts: 1. Introduction to incidental concrete structures, the inspection and controls for the plan, the excavation, forms, reinforcing bars; 2. Placement of concrete including slip-form concrete placement and precast concrete; 3. Construction inspection for joints, curing, removing the forms, finishing the surface including Class 1 and Class 2 surfacing, and backfilling.

D/C-110  Inspecting Pavement Recycling.  
8 minutes  
IRF  
Format: VHS  
Hot-mix plant recycling is covered, including equipment and plant used for the operation, inspection procedures for pavement preparation, pavement removal, mixing of recycled and new materials, and paving.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Duration</th>
<th>Source</th>
<th>Format</th>
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</thead>
<tbody>
<tr>
<td>D/C-111</td>
<td><strong>Major Structures Inspection.</strong></td>
<td>56 minutes</td>
<td>IRF</td>
<td>VHS</td>
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<tr>
<td></td>
<td>1. Bridge components; 2. Inspection procedures for bridge foundation including pile and drift shaft piling; 3. Inspection of piers and abutments; 4. Inspection procedures for bridge superstructures including steel girders, precast concrete I-beams, cast-in-place box girders; 5. Inspection of bridge deck construction.</td>
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<tr>
<td>D/C-112</td>
<td><strong>Unsurfaced Road Inspection.</strong></td>
<td>8 minutes</td>
<td>USACRREL</td>
<td>VHS</td>
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<tr>
<td></td>
<td>This tape is directed at inspectors to ensure they understand the importance of accurate data collection.</td>
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<tr>
<td>D/C-113</td>
<td><strong>Unsurfaced Road Management.</strong></td>
<td>9 minutes</td>
<td>USACRREL</td>
<td>VHS</td>
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<tr>
<td></td>
<td>Explains how to use the systems for unsurfaced roads and is intended for the county engineer or highway superintendent.</td>
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<tr>
<td>D/C-114</td>
<td><strong>Hardwood Anyone?</strong></td>
<td>10 minutes</td>
<td>Penn. DOT</td>
<td>VHS</td>
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<td></td>
<td>Discusses the advantages of the use of hardwood which is now abundant in the northeastern U.S., and gives specific examples of construction using hardwood.</td>
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<tr>
<td>D/C-115</td>
<td><strong>Checking Asphalt Distribution Spread Rate.</strong></td>
<td>24 minutes</td>
<td>Idaho DOT</td>
<td>VHS</td>
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<td></td>
<td><strong>Seal Coat Inspection.</strong></td>
<td>12 minutes</td>
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<td></td>
<td><strong>Traffic Control During Seal Operation.</strong></td>
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<tr>
<td>D/C-117</td>
<td><strong>Seal Coat Inspection.</strong></td>
<td>12 minutes</td>
<td>Penn. DOT</td>
<td>VHS</td>
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<tr>
<td></td>
<td>NMSHD</td>
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<tr>
<td>D/C-118</td>
<td><strong>Erosion and Sedimentation Control. Part 2-B.</strong></td>
<td>26 minutes</td>
<td>GA DOT</td>
<td>VHS</td>
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<td>Code</td>
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<tr>
<td>D/C-119</td>
<td><strong>Timber Bridges #2.</strong></td>
<td>27:35 min</td>
<td>Penn. DOT</td>
<td>VHS</td>
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<tr>
<td>D/C-120</td>
<td><strong>Testing &amp; Field Inspection of Roadway Delineation.</strong></td>
<td>35:43 min</td>
<td>FHWA</td>
<td>VHS</td>
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<td>D/C-121</td>
<td><strong>Modern Timber Bridges-A New Return for Old New England.</strong></td>
<td>16 min</td>
<td>RI DOT</td>
<td>VHS</td>
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<tr>
<td>D/C-122</td>
<td><strong>Bituminous Construction Procedures.</strong></td>
<td>45 min</td>
<td>GA DOT</td>
<td>VHS</td>
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<tr>
<td>D/C-123</td>
<td><strong>Bituminous Plant Inspection, 2 Parts</strong></td>
<td>37 min</td>
<td>WA DOT</td>
<td>VHS</td>
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<td>D/C-124</td>
<td><strong>Bituminous Seal Coat.</strong></td>
<td>16 min</td>
<td>WA DOT</td>
<td>VHS</td>
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<tr>
<td>D/C-125</td>
<td>Hydrated Lime Key to Improved Asphalt Pavements.</td>
<td>21 minutes</td>
<td>NLA</td>
<td>VHS</td>
</tr>
<tr>
<td>D/C-126</td>
<td>Pipe Placement.</td>
<td>9 minutes</td>
<td>Penn. DOT</td>
<td>VHS</td>
</tr>
<tr>
<td>D/C-127</td>
<td>Pipe Trench Compaction.</td>
<td>8 minutes</td>
<td>Penn. DOT</td>
<td>VHS</td>
</tr>
<tr>
<td>D/C-128</td>
<td>Drainage Pipe Placement.</td>
<td>17 minutes</td>
<td>Penn. DOT</td>
<td>VHS</td>
</tr>
<tr>
<td>D/C-129</td>
<td>Aesthetic Bridge Rails and Guardrails</td>
<td>7 minutes</td>
<td>FHWA</td>
<td>VHS</td>
</tr>
<tr>
<td>D/C-130</td>
<td>Concrete Bridge Railings.</td>
<td>14 minutes</td>
<td>FHWA</td>
<td>VHS</td>
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<tr>
<td></td>
<td>The Modified Three Beam Guardrails.</td>
<td>8 minutes</td>
<td>FHWA</td>
<td>VHS</td>
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</tbody>
</table>
Similar to the original W-beam guardrail but taller. Much safer for larger vehicle impacts. Only costs a few more dollars per linear foot and there is a reduction in maintenance cost.

**Cable Guard Rails.**
12 minutes  
FHWA  
Format: VHS  
Appropriate for low volume and low speed rural roads. This portion of the video discusses recent research efforts to improve performance and decrease cost.

**D/C-131 Converting to the Metric System. Tape 1.**  
2 hours  
EPD  
Format: VHS  

**D/C-132 Converting to the Metric System. Tape 2.**  
77 minutes  
EPD  
Format: VHS  
Panel Discussion Summary.

**D/C-133 Master Builders Concrete Series.**  
1 hour, 47 minutes  
Master Builders  
Format: VHS  

**D/C-134 Sealcoating: A Matter of Science and Skill.**  
16 minutes  
MN LRRB  
Format: VHS  
Provides maintenance workers with a lesson on how to perform a high quality “chip seal,” a sealcoat composed of an asphalt binder followed by a layer of crushed rock. The video presents a clear message on what to do or not do during a seal coating operation. The emphasis is on doing things the right way to achieve high quality results.

**D/C-137 The Clemson Beaver Pond Leveler: One Solution.**  
50 minutes  
Clemson University  
Format: VHS  
Shows efforts to suppress flooding caused by natural beaver dams, and improve benefits derived from beaver ponds and associated plant communities.
D/C-138  Mixture Design: 32nd Annual Bituminous Conference.  
41 minutes  
MN DOT  
Format: VHS

D/C-139  Hot Mix Asphalt Construction Promotional Video.  
11 minutes  
NAPA  
Format: VHS  
Overview of the comprehensive two and one-half day training program for Hot Mix Asphalt Construction. The training program was developed in conjunction with the Federal Highway Administration (FHWA), American Association of Highway Transportation Officials (AASHTO) and private industry represented by the National Asphalt Pavement Association (NAPA).

D/C-140  OSHA Compliance in Construction.  
58 minutes  
ID DOT  
Format: VHS  
Construction equipment, excavation, shoring and steel erection, ladders and scaffolding, welding, compressed air, and electricity. Slide presentation converted to a video program.

D/C-141  Designing for Quality, I 90-94 in Wisconsin.  
30 minutes  
Format: VHS

D/C-142  Field-Testing Concrete. Part 2: Slump and Compression Strength.  
15 minutes  
Penn. DOT  
Format: VHS  
Explains slump tests and cylinder testing.

D/C-143  Soil Cement Base Construction.  
2 hours  
GA DOT  
Format: VHS  
Two parts: 1. Pit Management, Plant Operations; 2. Roadway Operations

D/C-145  Steel Truss Bridge Inspection. Timber Bridge Inspection.  
Format: VHS

D/C-146  Inspecting the Asphalt Plant.  
30 minutes  
GA DOT  
Format: VHS
<table>
<thead>
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<th>Code</th>
<th>Title</th>
<th>Duration</th>
<th>Organization</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>D/C-147</td>
<td>Subsurface Utility Engineering - A Proven Solution</td>
<td>16 minutes</td>
<td>FHWA</td>
<td>VHS</td>
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<tr>
<td></td>
<td>This video introduces and encourages consideration of an emerging</td>
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<td>engineering field known as Subsurface Utility Engineering.</td>
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<tr>
<td>D/C-150</td>
<td>Quality Assurance of Soil Cement Construction</td>
<td>46 minutes</td>
<td>GA DOT</td>
<td>VHS</td>
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<tr>
<td>D/C-151</td>
<td>Soil Cement Base Construction: Roadway Operations</td>
<td>35 minutes</td>
<td>GA DOT</td>
<td>VHS</td>
</tr>
<tr>
<td>D/C-202</td>
<td>The Roll of Drums. Shake Hands With Danger.</td>
<td>23 minutes</td>
<td>Caterpillar</td>
<td>VHS</td>
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<tr>
<td></td>
<td>Uses short skits and professional actors to show the results of careless</td>
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<td>equipment maintenance techniques.</td>
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<td></td>
<td>Making the Most of Scrapers.</td>
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<td></td>
<td>Elevating Scrapers.</td>
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<td></td>
<td>Wheel Tractor Scrapers.</td>
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<tr>
<td>D/C-204</td>
<td>Tied Concrete Shoulder: I-20, South Carolina; Cracked Pavement, Minnesota;</td>
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<td></td>
<td>Iowa Bonded Overlay</td>
<td>?? minutes</td>
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<tr>
<td>D/C-207</td>
<td>Testing of Asphalt Cement.</td>
<td>23 minutes</td>
<td>The Asphalt Institute</td>
<td>VHS</td>
</tr>
<tr>
<td></td>
<td>Determination of Asphalt Content in Pavement Mixtures.</td>
<td></td>
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<tr>
<td></td>
<td>Budgeting for Rehabilitation. Aggregate Blends.</td>
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<tr>
<td></td>
<td>Asphalt Emulsion Spray Application.</td>
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<td></td>
<td>Eight-step chip sealing procedure with illustration of emulsified asphalt</td>
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<td>“breaking”.</td>
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<tr>
<td>Item</td>
<td>Title</td>
<td>Duration</td>
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<tr>
<td>D/C-208</td>
<td>Construction and Materials. Pavement Research. The Road to Better Roads.</td>
<td>40 min</td>
<td>VHS</td>
<td>Depicts early road tests by AASHO</td>
</tr>
<tr>
<td>D/C-217</td>
<td>Design of Urban Streets. Part 4.</td>
<td>55 min</td>
<td>VHS</td>
<td>Includes discussion on the issues of Social &amp; Economic Impacts; Environmental Consideration; Project Documentation; and Administration and Management.</td>
</tr>
<tr>
<td>D/C-219</td>
<td>Lime-The Versatile Stabilizer in Construction.</td>
<td>26 min</td>
<td>VHS</td>
<td>This video introduces the use of lime in soil stabilization by illustrating several successful construction projects.</td>
</tr>
</tbody>
</table>
D/C-220  Asphalt Paving Inspection
1 hour
FHWA
Format: VHS

D/C-222  Durability Testing of Concrete and Aggregates/Alkali-Silica Testing.
20 minutes
SHRP
Format: VHS

D/C-223  Durability Testing of Concrete and Aggregates/Freeze-Thaw Testing.
25 minutes
SHRP
Format: VHS

D/C-224  Quality Control of Concrete On-Site, Part One.
14 minutes
SHRP
Format: VHS

D/C-225  Quality Control of Concrete On-Site, Part Two.
17 minutes
SHRP
Format: VHS

D/C-226  Quality Control of Concrete On-Site, Part Three.
18 minutes
SHRP
Format: VHS

D/C-227  Quality Control of Concrete On-Site, Part Four.
18 minutes
SHRP
Format: VHS

D/C-228  Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Introduction of Rehabilitation of Highway Concrete.
10 minutes
SHRP
D/C-229  Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Concrete Pavement Overlays.
22 minutes
SHRP
Format: VHS

D/C-230  Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Bridge Deck Overlays.
19 minutes
SHRP
Format: VHS

D/C-231  Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Full-Depth Repair of Jointed Concrete Pavement.
18 minutes
SHRP
Format: VHS

D/C-232  Concrete Rehabilitation - Early Opening of Full-Depth Concrete Repairs.
10 minutes
SHRP
Format: VHS

D/C-233  Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Partial-Depth Repair of Concrete Pavement.
15 minutes
SHRP
Format: VHS

D/C-235  Hot Mix Asphalt is the Best Buy ... All of the Time
8 minutes
NAPA
Format: VHS

D/C-236  Ultra-Thin Whitetopping
8 minutes
ACPA/NRMCA
Format: VHS

D/C – 240 Bituminous Concrete Paving - Parts I, II, & III
45 minutes
Washington State DOT
Format: VHS
Displays three areas of construction inspection: preliminary checks and equipment; Surface preparation and tack coats; and delivery of hot-mix
paving, compaction and final product acceptance. Procedures and inspection requirements are in Accordance with Washington State DOT standards, but general information applies. Suggested audience: construction inspectors.

<table>
<thead>
<tr>
<th>D/C - 241</th>
<th>Design &amp; Construction of Extra-High Strength Concrete Bridges</th>
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<tbody>
<tr>
<td></td>
<td>?? minutes</td>
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<tr>
<td></td>
<td>Texas Transportation Institute</td>
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<td>Format: VHS</td>
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<thead>
<tr>
<th>D/C - 242</th>
<th>Asphalt Emulsions &amp; Their Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15 minutes</td>
</tr>
<tr>
<td></td>
<td>AEMA/ Asphalt Institute</td>
</tr>
<tr>
<td></td>
<td>This video addresses new technologies and shows various uses of asphalt emulsions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D/C - 243</th>
<th>Building The Notched Wedge Joint</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8 minutes</td>
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<tr>
<td></td>
<td>National Asphalt Pavement Association</td>
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<td></td>
<td>Format: VHS</td>
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<td></td>
<td>Explores the reasons for the superior performance of the notched wedge joint and Demonstrates its advantages to the paving crew during the construction process. Through graphics and live action, it also shows step-by-step procedures for Paving crews to follow in building the notched wedge joint. Suggested audience: highway superintendents and crews.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D/C - 244</th>
<th>Fit to Be Tied: Retrofitting, PCC Pavement with Dowel Bars, Dowel Bar Insertion for Load Transfer at Mid Panel Crack Retrofitted Load Transfer Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>52 minutes</td>
</tr>
<tr>
<td></td>
<td>Washington State DOT</td>
</tr>
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<td></td>
<td>Format: VHS</td>
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<tr>
<td></td>
<td>Title Cont'd Retrofitted Load Transfer Devices. This video covers the rehabilitation and retrofitting of PCC pavement with dowel bars for load transfer</td>
</tr>
</tbody>
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<thead>
<tr>
<th>D/C - 245</th>
<th>Prefabricated Timber Bridge Deck Panels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 minutes</td>
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<tr>
<td></td>
<td>USDA Forest Service</td>
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<td></td>
<td>Format: VHS</td>
</tr>
<tr>
<td></td>
<td>This video illustrates a relatively low cost method for fabrication of timber decks over steel girders using methods developed by county engineer John Smolen.</td>
</tr>
</tbody>
</table>
EO/M-101  Rotary Mower Operations.
30 minutes
NE DOR
Format:  VHS
Demonstrates the start-up and shutdown procedures, proper operation, daily checks and the required preventive maintenance.

EO/M-103  Introduction to Sieve Analysis.
32 minutes
Idaho DOT
Format:  VHS

EO/M-104  Loader-Backhoe Safety-Worker Safety.
20 minutes
Talus Resources
Format:  VHS
Discusses most common accidents, loader and rollover accidents, transporting equipment, utility dangers, color coded field markings and avoiding utility damage.

EO/M-105  ROADEO.
8 minutes
NM DOT
Format:  VHS
Explains New Mexico's Equipment Roadeo. An annual event in which equipment operators from six districts compete against each other in skill tests on various types of heavy equipment, including motor graders, frontend loaders, dump trucks, and backhoes. Based on the department's policy concepts of preventative maintenance, safety and proper operation.

EO/M-106  Front-End Loader Operation, Part 1.
19 minutes
IRF
Format:  VHS
Instruments and controls are shown and described. Basic uses of the frontend loader, safety procedures, general operating tips, pre-operation checks, how to start the engine, basic maneuvers including driving forward and backward, braking and stopping, and how to shut down the engine are all treated in detail.

EO/M-107  Front-End Loader Operation, Part 2
19 minutes
IRF
Format:  VHS
More advanced tasks are demonstrated step-by-step. Operating procedures for efficient loading, stockpiling, digging, rough grading, hauling, demolition, and forklifting are included. Two methods of loading material from a stockpile with a truck, the I-shape method and the Y-shape method are shown. Standard stockpiling, ramp stockpiling, and bin stockpiling are described in detail.

EO/M-108  **How to Get More Out of Your Motorgrader.**  
25 minutes  
This video provides detailed field demonstrations, with narration, on the use of the motor grader to build and maintain gravel roads, ditches, and slopes.

**Taking Control of Your Motorgrader.**  
19 minutes  
John Deere Training Center  
Format: VHS  
This videotape, released by the John Deere Company, provides detailed field demonstrations, with narration on the use of the motorgrader to build and maintain gravel road, ditches, and slopes.

EO/M-110  **Operating Tips for:**  
Push-Pull Scrapers; Off-Highway Trucks; Track Tractors  
Loading Logic; Wheel Tractor Scrapers; Track Loaders;  
Wheel Loaders.  
50 minutes  
Format: VHS

EO/M-111  **Ditchmaster.**  
Lee-Boy.  
Asphalt Maintainer.  
Rosco Asphalite Maintainer Pavement.  
Format: VHS

EO/M-112  **Motorgrader Operation: Part I & II, Operator Daily**  
**Maintenance of Motorgrader**  
1 hour 6 minutes  
IRF/FHWA  
Format: VHS

EO/M-113  **Motorgrader Operation, Part 2**  
21 minutes  
IRF  
Format: VHS  
Operating procedures for five motorgrader activities are presented: grading a surface, mix and windrowing; spreading; finish grading (including both coarse and fine finishing); ditch cutting; backslope preparation; and ditch cleaning. Each activity is demonstrated in detail by the model operator.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Duration</th>
<th>Agency</th>
<th>Format</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EO/M-114</td>
<td>Operator Daily Maintenance of Motorgraders.</td>
<td>21 minutes</td>
<td>FHWA</td>
<td>VHS</td>
<td>General methods and procedures for operator daily maintenance of motorgraders, including prestart, warm-up, operating, and shutdown checks.</td>
</tr>
<tr>
<td>EO/M-115</td>
<td>Operator Daily Maintenance of Asphalt Distributors.</td>
<td>17 minutes</td>
<td>FHWA</td>
<td>VHS</td>
<td>General methods and procedures for operator daily maintenance of asphalt distributors, including pre-start, warm-up, operating, and shutdown checks.</td>
</tr>
<tr>
<td>EO/M-116</td>
<td>Driver Daily Maintenance of Light Vehicles</td>
<td>18 minutes</td>
<td>FHWA</td>
<td>VHS</td>
<td>Shows the driver performing proper daily preventive maintenance procedures on light Vehicles such as pick-ups and station wagons and why these procedures are necessary. Detailed maintenance activities from the pre-start to the shut-down check at the end of the day are demonstrated step-by-step.</td>
</tr>
<tr>
<td>EO/M-117</td>
<td>Operator Daily Maintenance of Dump Trucks.</td>
<td>20 minutes</td>
<td>FHWA</td>
<td>VHS</td>
<td>General methods and procedures for operator daily maintenance of dump trucks, including pre-start, warm-up, operating, and shutdown checks.</td>
</tr>
<tr>
<td>EO/M-118</td>
<td>Operator Daily Maintenance of Front-End Loaders.</td>
<td>19 minutes</td>
<td>FHWA</td>
<td>VHS</td>
<td>General methods and procedures for operator daily maintenance of frontend loaders, including prestart, warm-up, operating, and shutdown checks.</td>
</tr>
<tr>
<td>EO/M-119</td>
<td>Operator Daily Maintenance of Crawler Tractors.</td>
<td>21 minutes</td>
<td>FHWA</td>
<td>VHS</td>
<td>General methods and procedures for operator daily maintenance of crawler tractors, including pre-start, warm-up, operating, and shutdown checks.</td>
</tr>
<tr>
<td>EO/M-120</td>
<td>Operator Daily Maintenance of Rollers.</td>
<td>22 minutes</td>
<td>FHWA</td>
<td>VHS</td>
<td>General methods and procedures for operator daily maintenance of rollers,</td>
</tr>
</tbody>
</table>
including pre-start, warm-up, operating, and shutdown checks.

**EO/M-121 Tilt-Bed Trailers, Parts 1 & 2.**
54 minutes
Washington State DOT
Format: VHS
Part 1 (27 minutes): Emphasizes pre-start inspections, trailer hookup procedures and equipment loading prior to hauling. It also illustrates how to load equipment on a low-bay trailer. Part 2 (27 minutes): Supplements part 1, and features practical hints on trailer towing, unloading procedures, loading and hauling pipe materials. Targeted to equipment operators and truck drivers.

**EO/M-122 Motorgrader Preventive Maintenance.**
12 minutes
NM LTAP
Format: VHS
Preventive maintenance procedures during precheck, start-up, operation, and shutdown.

**EO/M-123 Wheel Loader Operating Techniques.**
VISTA-Start Smart Video
Format: VHS
From tips on how to safely operate in city traffic or how to recover from a side-hill slide, this video is acclaimed to be “the best of the best” and needs to be viewed by operators with all levels of experience.

**EO/M-124 Wheel Loader Walk Around & Inspection.**
VISTA-Start Smart Video
Format: VHS
Designed to help all operators know what to look for when they do a prestart inspection. Catching little problems before they become major repairs saves thousands of dollars,—and that’s a proven fact.

**EO/M-125 Equipment Management Systems Series.**
1 hour, 54 minutes
FHWA/IRF
Format: VHS
**Introduction to Equipment Management Systems-An Overview (19 minutes):** 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 for timely decision-making.

**Equipment Inventory (19 minutes):** This program discusses fleet planning, inventory control and economic replacement, in relation to an equipment management system.

**Equipment Maintenance (19 minutes):** This program discusses how the effective use of an equipment maintenance subsystem can result in improved maintenance programs, increased shop efficiency, better staffing, and better definition of facility needs.

**Parts and Supplies Management (19 minutes):** This program outlines the basics of the parts and supplies management system. Included in the
discussion will be: stock numbering and classification, stock selection and levels, parts and supplies inventory management, and fuel management.

**Financial Management (19 minutes):** This program covers the basics of the financial management subsystem. It discusses cost accounting, budgeting, equipment rental rates, and equipment funds.

**Equipment Management Information Sub-System & EMS Implementation (19 minutes):** This program covers the basics of the Equipment Management Information System, including: the identification of all output reports; the data required for all EMIS subsystems; and the system necessary to process and maintain all data.

**EO/M–126 Using Snow Plow on Motorgraders**
16 minutes
FHWA/LTAP
Format: VHS

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**General Interest**

**CDR-114**  **Hazardous Materials Transportation Training Modules: Compliance & Enforcement.**
USDOT
Format: CD-Rom

**IS-101**  **Idea Store, Volume I.**
8 minutes
Penn. DOT
Format: VHS
Demonstrates innovative practices suggested by public agency personnel. The edition includes ideas on: leveling roads, special hand level, snow plow blade storage, sign identification decal, and standard plans for park benches and other street furniture.

**IS-103**  **Idea Store, Volume III.**
10 minutes
Penn. DOT
Format: VHS
Demonstrates innovative practices suggested by public agency personnel throughout the country. This edition includes ideas on: different types of lifters for changing plow blades; the proper way to remove and store locking pin on articulated loader from with the cab; a pamphlet on daily maintenance of motorgraders; a yard cleaner for removing metal; the use of precast panelized wall units to eliminate stream erosion; and patching using a box mounted on the front of a motorgrader.
<table>
<thead>
<tr>
<th>IS-104</th>
<th>Idea Store, Volume IV.</th>
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<tbody>
<tr>
<td></td>
<td>10 minutes</td>
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<td></td>
<td>Penn. DOT</td>
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<td></td>
<td>Format: VHS</td>
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<tr>
<td></td>
<td>Demonstrates innovative practices suggested by public agency personnel throughout the country. This edition includes ideas on: water runoff on rural roads; slush snow and ice build up on snow removal equipment; road resurfacing; minimizing aggregate loss; use of discarded tires; and portable road closed sign display.</td>
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<table>
<thead>
<tr>
<th>IS-105</th>
<th>Idea Store, Volume V.</th>
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<tbody>
<tr>
<td></td>
<td>11 minutes</td>
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<td>Penn. DOT</td>
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<td>Format: VHS</td>
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<tr>
<td></td>
<td>Demonstrates innovative practices suggested by public agency personnel throughout the country. This edition includes ideas on: use of hard hats, proper tire inflation, publishing safety tips, proper signing, Adopt-A-Sign programs.</td>
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<tr>
<th>IS-106</th>
<th>Idea Store, Volume VI.</th>
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<tbody>
<tr>
<td></td>
<td>17 minutes</td>
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<td></td>
<td>Penn. DOT</td>
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<td>Format: VHS</td>
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<tr>
<td></td>
<td>Demonstrates innovative practices suggested by public agency personnel throughout the country. This edition includes ideas on: wildflowers, Adopt-a-Highway, light cages, fabricated posts, Roads Scholar I &amp; II, signs, brainstorming box and safety packet.</td>
</tr>
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<thead>
<tr>
<th>IS-107</th>
<th>Idea Store, Volume VII.</th>
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<tbody>
<tr>
<td></td>
<td>10 minutes</td>
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<td>Penn. DOT</td>
</tr>
<tr>
<td></td>
<td>Format: VHS</td>
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<tr>
<td></td>
<td>Demonstrates innovative practices suggested by public agency personnel throughout the country. This edition includes ideas on: curb scraper, dump truck air foil, timber bridge information, better cylinder wrench, and Delaware/Chester PWA and Their Ideas.</td>
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<table>
<thead>
<tr>
<th>IS-108</th>
<th>Idea Store, Volume VIII.</th>
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<tbody>
<tr>
<td></td>
<td>10 minutes</td>
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<tr>
<td></td>
<td>Penn. DOT</td>
</tr>
<tr>
<td></td>
<td>Format: VHS</td>
</tr>
</tbody>
</table>
IS-109  **Idea Store, Volume IX.**
6 minutes
Penn. DOT
Format: VHS
Focuses on the highway safety issue of preventing backing accidents while using heavy equipment.

IS-110  **Privatizing Public Works. Part 1.**
100 minutes
Board of Regents University of Wisconsin System
Format: VHS
This video explores the issues, processes and consequences of privatizing local public works services. The views of a cross-section of people who either initiate or are affected by privatization are presented. The video provides an analysis of whether privatization of a service is likely to make sense, presents a management perspective of the privatization of local public works services, and presents first hand information from the pioneers of several government privatization projects. Three actual case studies in local government privatization are examined, including a small, medium and large city. The presentation discusses both what worked and what didn’t work.

IS-111  **Privatizing Public Works. Part 2.**
90 minutes
Board of Regents University of Wisconsin System
Format: VHS
Continuation of Tape 1.

IS-113  **Training: The Obscured Advantage**
6 minutes
Format: VHS

IS-114  **The New Telecommunications Act and Its Impact on Cities**
American Public Works Association
Format: VHS
Tape 1 of 3 (90 minutes)
Because telecommunications services and companies are now available in most geographical areas of the United States, the Telecommunications Act of 1996 ensures active competition that will benefit the consumer. The Act also removes as much regulation of telecommunications providers as possible and allows the Federal Communications Commission (FCC) to implement and specify the details of the policy. This satellite videoconference will cover the entire spectrum of topics from the nuts and bolts of what the Telecommunications Act of 1996 means to local governments; to what the law really means for cities. Case studies of communities that have already succeeded or failed in their involvement with the new legislation will be detailed. In addition, complex topics such as the “barriers to entry” provision, franchises, and Public Education and Government (PEG) access will
be addressed.

**IS-115 The New Telecommunications Act and Its Impact on Cities**  
American Public Works Association  
Format: VHS  
Tape 2 of 3 (90 minutes)  
Continuation of Tape 1.

**IS-116 The New Telecommunications Act and Its Impact on Cities**  
American Public Works Association  
Format: VHS  
Tape 3 of 3 (50 minutes)  
Continuation of Tape 2.

**IS-117 GA DOT Metric Training - Tape 1.**  
GA DOT  
Format: VHS  
Ga. Department of Transportation's own Dickey Forester takes viewers on a quick and sometimes humorous tour of the historic efforts to standardize measurements.

**IS-118 GA DOT Metric Training - Tape 2 - Lesson 1.**  
GA DOT  
Format: VHS  
Viewers will:  
(a) Learn why so many American companies are converting to metric  
(b) Be able to describe the history of metrics  
(c) Describe four common basic metric units  
   meter  
   kilogram  
   liter  
   degrees Celsius  
(d) Know most commonly used metric prefixes used today

**IS-119 GA DOT Metric Training - Tape 3 - Lesson 2.**  
GA DOT  
Format: VHS  
Viewers will:  
(a) Know what SI stands for and the 7 base units  
(b) Understand two basic units and their common prefixes  
(c) Describe the standard for measuring length - the meter  
(d) Describe the standard for measuring mass - the kilogram  
(e) Learn about the derived units for measuring pressure and stress - newton and pascal  
(f) Learn about the common units for degrees Celsius  
(g) Learn about the common units for measuring volume and area
IS-120  GA DOT Metric Training - Tape 4 - Lesson 3.
GA DOT
Format: VHS
Viewers will:
(a) Know how to correctly read and write SI units
(b) Use upper and lower case SI symbols
(c) Use powers of 10
(d) Use most common prefixes
(e) Know the value of spacing and number/letter placement
(f) Singular and plural usage
(g) The importance of separating digits and the proper techniques

IS-121  GA DOT Metric Training - Tape 5 - Lesson 5.
GA DOT
Format: VHS
Viewers will:
(a) Convert English measurements to Metric
(b) Know the distinctions between HARD and SOFT conversions
(c) Know the importance of significant digits
(d) Know how to determine the precision of the conversion

IS-122  GA DOT Metric Training - Tape 6 - Lesson 6.
GA DOT
Format: VHS
Viewers will:
(a) Know how to use and read correct conversion tables
(b) Apply correct conversion factor
(c) Know how to round numbers
(d) Convert degrees C to degrees F and vice versa
(e) How to use estimation it avoid calculation errors

IS-123  Environmental Protection Issues
NCHRP
15 minutes
Format: VHS

VBT-100  Small Fleet Management in Public Works
APWA
Format: VHS
This video based program is designed for small fleet managers, equipment supervisors and others involved in the maintenance of fleets up to 300 vehicles.
TOPICS INCLUDE:
Responsibilities of the Small Fleet Manager
Equipment Procurement
Evaluating your Shop
Work Scheduling
Contracting Commercial Repairs
Special Topics
VBT-101  Communicating Your Public Works Image with Power
APWA
Format: VHS
This video based program is designed to educate public works officials, city managers, and commissioners and other government leaders concerned with enhancing their image in the community and creating a better public relations environment.
TOPICS INCLUDE:
Communicating Your Public Works Image
Using the Media: The Most Efficient and Affordable Community Relations Vehicle for Public Works Agencies
News Media Interviewers
Writing for the Media
The Art of Mastering Tough Trick or Hostile Questions

Maintenance/Operations

21 minutes
NCITRE
Format: VHS
Use of motorgrader for reshaping of shoulders, or for low or high shoulder repair.

M/O-102  Pothole Repair in Asphalt Concrete Pavement.
13 minutes
IRF
Format: VHS
Potholes must be repaired quickly because they are a safety hazard. They damage vehicles and quickly lead to further, more serious road damage. Done correctly, the repair will last a long time. Done poorly, it can soon become a growing expense. Through a detailed nine-step procedure using proper materials, tools and equipment, the tape shows and explains how to do each step correctly and efficiently, with the result of a long-lasting repair. Special emphasis is placed on the proper shaping of the repair and the compaction of the mix.

M/O-103  Guardrail Installation and Repair.
20 minutes
Alaska T2/NWT2C
Format: VHS
This tape was created from a presentation by Mr. Don Gripne of WS DOT
at the 1989 Road and Street Maintenance School. It points to the evolution of
guardrail standards, the elements of guardrail standards, and elements of a
typical W-beam guardrail and its proper installation. It covers the treatment
of guardrail ends and guardrail standard sections.

M/O-104  Maintaining A Safe Roadside.
30 minutes
State of Colorado
Format: VHS

M/O-105  Technical Advancements For Maintenance Workers.
15 minutes
SHRP
Format: VHS
Describes for maintenance managers and work crews the development of new
materials, equipment, and procedures to help maintenance workers operate
more efficiently and safely

M/O-106  Road Oyl: Resin Modified Emulsion.
Soil Stabilization Company, Inc.
Format: VHS

Format: VHS

M/O-108  Concrete Bridge Protection, Repair and Rehabilitation.
5 minutes
SHRP
Format: VHS
Outlines test procedures for detection of chloride contamination conditions
and summarizes procedures for removal of contaminated concrete from
bridges, rapid repair and protection measures, and new and conventional
rehabilitation methods for substructures and superstructures.

M/O-109  SUPERPAVE - Asphalt Pavements That Perform.
5 minutes
SHRP
Format: VHS
Benefits of performance-based asphalt specifications.

M/O-110  Asphalt Crack Treatment.
15 minutes
MN LRRB/MN DOT
Format: VHS
A road crew supervisor introduces asphalt crack treatments to his coworker
who has been reading up on the latest research on crack treatments.
Describes how cracks are created and the difference between sealing and
filling cracks. Minnesota transportation agency personnel also explain the
equipment and procedures they used to treat cracks in asphalt.
M/O-111 Pavement Repair: Do the Right Thing at the Right Time.
21 minutes
MN LRRB/MN DOT
Format: VHS
A local homeowner walks the viewer through the basics of pavement maintenance. He explains in nontechnical terms why asphalt pavements break up; the consequences of broken pavement; how local transportation agencies gather data on roads (condition inventory, testing, maintenance history and traffic studies); and alternatives for pavement rehab seal coating, overlay, and reconstruction. He outlines these alternatives: do nothing, patch, Cleaning and Clearing of Bridges.

M/O-112 Finding Better Ways.
19 minutes
SHRP
Format: VHS
New research into cost-effective pavement repairs. Reduce costs and improve repairs on testing, pot holes and spalling, crack sealing, joint filling seal. Highlights extended life and speedy repair times.

M/O-113 Crack Repair in Asphalt Pavement.
11 minutes
IRF
Format: VHS
Repair procedures are shown for linear and alligator cracks from three to twelve millimeters wide. The correct work steps are described in detail. Proper hand tools and equipment designed to do the job best are shown. Materials for filling and sealing the cracks are also presented. Actual repairs of linear cracks and area cracks are demonstrated.

Asphalt Crack Treatment.
15 minutes
MN DOT
Format: VHS
A well presented program, which can be used with general audiences, on the crack treatment program used by Minnesota DOT. Routing, hot lance blowout, and sealing (with overbanding) is the combination of methods used.

M/O-114 New Technology for Old Roads.
9 minutes
HIP Recycling
Format: VHS

M/O-116 Brash Test.
EZ Erect.
Small Sign Supports.
Format: VHS
21 minutes
MSFTD
Format: VHS
Demonstrates the techniques and cost evaluation of upgrading rural gravel roads. This tape is directed at the problems that low maintenance budget counties face in keeping the roads in good condition. Techniques for some types of maintenance are also discussed.

Format: VHS

Format: VHS

M/O-120  The Snow Fighters.
24 minutes
The Salt Institute
Format: VHS
Depicts the recommended procedure and application of salt to fight snow on highways and city streets.

M/O-121  Dust Control, 1989.
16 minutes
The Dow Chemical Company
Format: VHS
Using Liquidow Calcium Chloride to control dust and reduce maintenance cost.

M/O-122  Portland Cement Concrete Field Sampling & Testing.
27 minutes
Utah DOT
Format: VHS
Illustrates techniques described by AASHTO in the sampling and testing of Portland Cement Concrete. The tests include: air (pressure method), slump, yield, casting of cylinders for compressive strength, making of beams for flexural strength, ball and chance indicator for entrained air.

M/O-124  Video Transfer #5.
PCA
Format: VHS

M/O-125  Video Transfer #8.
PCA
Format: VHS
Discusses recycling continuously reinforced concrete pavement on I-29 in North Dakota.
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<tr>
<th>M/O-126</th>
<th>Video Transfer #10.</th>
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<tr>
<th>M/O-127</th>
<th>Effects of Tire Pressure on Pavement Distress: 52nd Annual Bituminous Conference.</th>
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<tr>
<td></td>
<td>24 minutes</td>
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<tr>
<th>M/O-131</th>
<th>Asphalt Extraction Testing.</th>
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<td>17 minutes</td>
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<tr>
<th>M/O-132</th>
<th>Video Transfer #1: Minnesota I-90 Recycling.</th>
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<td>16 minutes</td>
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<tr>
<th>M/O-133</th>
<th>Pavement Deterioration, Ratings.</th>
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<tr>
<td></td>
<td>Types of Pavement &amp; Crack Sealing.</td>
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<tr>
<th>M/O-134</th>
<th>Techniques for Pavement Maintenance and Rehabilitation Using Asphalt, Part 3.</th>
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<td>Format: VHS</td>
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<tr>
<th>M/O-135</th>
<th>Blading Unpaved Roads.</th>
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<td></td>
<td>22 minutes</td>
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<td>FHWA/NACE</td>
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This tape is for the motorgrader operator. It demonstrates the basics of maintaining unpaved roads by complementing the NACE book on blading. Covers the proper cleaning and clearing of bridges, including equipment needed and procedures to follow.
<table>
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<tr>
<th>M/O-136</th>
<th><strong>Common Maintenance Problems and Causes.</strong></th>
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<tbody>
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<td></td>
<td>21 minutes</td>
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<td></td>
<td>Presentation covers maintenance on pavement surfaces, bridges and roadside areas. Program identifies main causes of problems, and guides participants to do the maintenance work.</td>
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<tr>
<th>M/O-137</th>
<th><strong>Smoothing and Reshaping of Earth and Gravel Roads.</strong></th>
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<td>20 minutes</td>
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<td>IRF</td>
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<td>Regularly scheduled smoothing and reshaping will keep earth and gravel roads in good condition and reduce the need for major high cost repairs. This video tape has two parts: 1. Smoothing and 2. Reshaping. Each part has an equipment requirement, and overview of work steps, the work steps in detail, and a work step summary. Considerations for planning and preparing for the work are treated. Procedures for checking the road cross slope at straight and curved road sections are also presented.</td>
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<tr>
<th>M/O-138</th>
<th><strong>Patching Unpaved Roads.</strong></th>
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<td>This is a manual method of maintenance for repairing surface defects such as potholes, ruts, gullies and soft spots on unpaved roads. The module describes an eight-step maintenance procedure to provide a long lasting repair. Proper maintenance practices for preparing the hole, filling it with granular material and compacting the material are shown in detail. A quick test for moisture content of the material at the site is also described.</td>
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<tr>
<th>M/O-139</th>
<th><strong>Regraveling.</strong></th>
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<td></td>
<td>18 minutes</td>
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<td>A major maintenance operation to restore the wearing course of gravel roads is presented in detail. Necessary repairs of the road and drainage system before regraveling are discussed. Equipment, materials, and procedures for regraveling are clearly described. The procedures include: traffic control, reshaping and compacting the subgrade, hauling and placing the granular material, and compacting the granular material. Methods for checking the road cross slope and quick testing of the material’s moisture content are also shown.</td>
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<tr>
<th>M/O-140</th>
<th><strong>Rural Roads: A New Approach.</strong></th>
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<td>27 minutes</td>
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<td>Montana DOT</td>
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<td>This video tape covers road repair using filter fabrics, strengthening old bridges, and flame straightening on steel bridges.</td>
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<tr>
<td>M/O-141</td>
<td>Single &amp; Multiple Surface Treatments.</td>
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<td>14 minutes</td>
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<td>Gives the “What”, the “Why”, and the “How” in construction of successful surface treatments on unpaved and paved roads. It covers good construction practices in eight detailed work steps. The preparation of the surface testing of the asphalt is discussed. Materials required for surface treatments are presented. Proper procedures for applying the asphalt, spreading the aggregate, and compacting the aggregate are demonstrated. Construction of smooth transverse and longitudinal joints is also described.</td>
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<tr>
<th>M/O-142</th>
<th>Crack Repair in Asphalt Pavement.</th>
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<td>Repair procedures are shown for linear and alligator cracks from three to twelve millimeters wide. The correct work steps are described in detail. Proper hand tools and equipment designed to do the job best are shown. Materials for filling and sealing the cracks are also presented. Actual repairs of linear cracks and area cracks are demonstrated.</td>
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<tr>
<th>M/O-144</th>
<th>Cleaning and Clearing of Bridges.</th>
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<td>FHWA</td>
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<td>Shows the proper cleaning and clearing of bridges, including equipment needed and procedures to follow.</td>
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<tr>
<th>M/O-145</th>
<th>Cleaning of Lined Ditches, Culverts and Catch Basins.</th>
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<td>16 minutes</td>
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<td>Proper procedures for manual cleaning of lined ditches, culverts and catch basins are demonstrated in this videotape. Procedure consists of placing traffic signs, assigning the work, removing and disposing of all debris and obstructions, inspecting for damage and minor repairs, cleaning the worksite, and removing signs.</td>
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<tr>
<th>M/O-146</th>
<th>Concrete Bridge Deck Repair.</th>
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<td>This tape focuses on the permanent repair of partial and full depth holes in concrete bridge decks, including equipment needed and procedures to follow.</td>
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M/O-147 Mechanical Cleaning of Unlined Ditches. 
20 minutes 
FHWA 
Format: VHS 
Mechanical cleaning procedures with a motorgrader and an excavator.

M/O-148 Replenishing Earth and Gravel Shoulders. 
19 minutes 
IRF 
Format: VHS 
Nine maintenance work steps to restore the unpaved shoulder by adding new material are shown in the module. Proper procedures are fully presented for preparing the existing shoulder surface before adding additional material, placing and spreading additional material, and compacting the material. Equipment and material required to do the job best are discussed, as well as proper use of equipment.

M/O-149 Reshaping Earth and Gravel Shoulders. 
15 minutes 
IRF 
Format: VHS 
This videotape shows the proper procedures for reshaping earth and gravel shoulders (without adding material) to correct shoulder drop-off, rutting buildup of material and excessive weed growth and to maintain a safe shoulder with proper cross slope.

M/O-150 Winning Moves in Maintenance. 
16 minutes 
Caterpillar 
Format: VHS 
Offers practical, common-sense ideas, gained from interviews, with successful contractors and service specialists. It emphasizes the necessity of record-keeping, proper training, and preventative maintenance.

M/O-151 Creating Meadows Through Road Maintenance and Construction. 
8 minutes 
USDA Forest Service 
Format: VHS 
Discusses restoration of water tables by improving drainage and reducing runoff.

M/O-152 Maintaining Granular Surface Roads. 
Snow Removal on Iowa’s Secondary Roads.
| M/O-153 | **Pothole Repair in Surface Treatment Pavement.**  
13 minutes  
IRF  
Format: VHS  
Describes how to repair potholes in surface treatment pavement using granular material. |
| M/O-154 | **Upgrading Gravel Roads: A New Approach.**  
21 minutes  
MSFTD  
Format: VHS  
Demonstrates the techniques and cost evaluation of upgrading rural gravel roads. This tape is directed at the problems that low maintenance budget counties face in keeping the roads in good condition. Techniques for some types of maintenance are also discussed.  
**Rural Roads: A New Approach.**  
27 minutes  
Montana DOT  
Format: VHS |
| M/O-155 | **Handling and Stockpiling Crushed Stone Aggregates.**  
21 minutes  
GCSA  
Format: VHS |
| M/O-156 | **Problems With Gravel Roads.**  
55 minutes  
FHWA  
Format: VHS  
| M/O-157 | **Asphalt Roadway Rehabilitation.**  
6 minutes  
FHWA  
Format: VHS  
This video describes the LTAP training course for local road officials that instructs how to analyze rehabilitation alternatives. Utilizes a lecture format. |
| M/O-158 | **Sign Maintenance and Installation.**  
27 minutes  
FHWA  
Format: VHS  
The sign maintenance and installation procedures of Riley County, Kansas are used to illustrate good practices. This would be a good program for maintenance crews to view and discuss in relation to their own operation. |
M/O-159  Chip Seal Application.
        40 minutes
        FHWA
        Format: VHS
        Part 3: Chip seal problems.

M/O-161  Anti-Icing For Maintenance Personnel.
        13 minutes
        FHWA/CRREL
        Format: VHS
        A general discussion of anti-icing in terms of material, equipment, strategy,
        and personnel. Might be used to introduce the topic of anti- icing to public
        works personnel.

        11 minutes
        Format: VHS
        GA DOT

M/O-163  What is Anti-Icing?
        8 minutes
        FHWA
        Format: VHS
        Shows how cost effective anti-icing techniques can keep roads passable for
        longer periods of time. Defines differences between deicing and anti-icing.

M/O-164  Understanding Superpave Mix Design.
        Format: VHS
        This video was jointly developed by the Federal Highway Administration
        (FHWA) and the National Asphalt Pavement Association (NAPA). It provides
        a brief, yet excellent overview of the Superior Performing Asphalt
        Pavement (Superpave) process for designing hot mix asphalt pavements. This
        Superpave video describes the new asphalt binder specification based on
        performance and the equipment used for the specification as well as the new
        asphalt mixture design and analysis process.

M/O-165  Snow and Ice Control.
        60 minutes
        IL DOT
        Format: VHS
        Part 1: Reversible, one-way, and ‘V’ plows; Hookup: disconnect, and blade
        inspection. Part 4: Plowing and spreading techniques.

M/O-166  Innovative Tumbleweed Removal.
        New Mexico Local Technical Assistance Program
        Format: VHS
**M/O-168 Utility Cuts In Paved Roads - Parts 1 & 2.**
- 41 minutes
- MN DOT
- Format: VHS

**M/O-169 Comcore Roadplate System.**
- 15 minutes
- Comcore Utilities Products
- Format: VHS

**M/O-170 Contract Maintenance Series.**
- 60 minutes
- FHWA/IRF
- Format: VHS
- Contract Maintenance-Overview (20 minutes); Contract Maintenance-Procedures (20 minutes); Contract Maintenance-Supervision (20 minutes):
  - This program covers contract maintenance, what it is and why it is used. Maintenance contracting programs are used to improve the effectiveness of maintenance while accommodating reductions in public employment, to better control rising costs, to meet changing demands, and to improve cost effectiveness.

**M/O-171 Low Volume Roads Series.**
- 38 minutes
- FHWA/IRF
- Format: VHS
- Setting Maintenance Priorities for Low-Volume Roads (19 minutes): This program covers the basics of setting maintenance priorities for rural roads. The key goals of a maintenance program are: reduce road deterioration, limit vehicle operating costs, and keep roads open. A classification system can be used to set maintenance priorities. Managing Maintenance for Low-Volume Roads (19 minutes): This program covers the basics of managing maintenance for low-volume roads. Management of maintenance programs must address the typical maintenance problems associated with gravel roads, maintenance activities, road and bridge inventory, work planning, labor or equipment programming, scheduling, budgeting, and work monitoring and control.

**M/O-172 Bridge Evaluation and Posting**
- 38 minutes
- FHWA

**M/O - 175 Dura Patched: Patching Only**
- 15 minutes
- Video Images
- Format: VHS
- The video demonstrates the DuraPatcher System that is used for patching potholes, using aggregates and asphalt emulsion
M/O - 176 Protecting Our Pavements: Preventative Maintenance
14 minutes
FHWA/Michigan DOT
Format: VHS
Discusses preventive pavement maintenance, specifically techniques and training, improved planning methods and dedicated funding.

M/O - 177 Innovative Pavement Maintenance Technology
5 minutes
SHRP

M/O - 178 Maintaining Asphalt Roads - Blade Patching
12 minutes
New Mexico State Highway & Transportation Dept Training Academy
Illustrates the process of blade patching. Process involves cleaning and preparing the surface to be patched, laying material, lifts, tapers, compaction, final rolling and clean up. Suggested audience: Highway superintendents and crews.

M/O - 179 The Importance of Road Drainage
19 minutes
FHWA/LTAP
Format: VHS
Gives basic information on drainage including the need for drainage, maintenance, inspection, and some legal issues. Suggested audience: Highway superintendents and crews, municipal officials.

M/O - 180 Retrofitted Load Transfer Devices
6 minutes
Indiana DOT/Keystone Engineering
Format: VHS
Case study of a procedure to repair cracked concrete pavement on an interstate roadway. Goes through the procedures step by step from milling the surface slots to setting rebar in the slots. No results are presented.

M/O - 181 Carbide Grinding
14 minutes
Indiana DOT/Keystone Engineering
Format: VHS
Promotional video showing the Keystone engineering carbide tipped pavement grinder. To increase slip resistance on roadways, small grooves are cut in the pavement. The Keystone system is compared to the diamond blade grinder and different cutting patterns are demonstrated.

M/O - 182 Shoulder Building
29 minutes
Georgia DOT
This video acquaints the viewer with the process of building shoulders in a safe environment. Although mainly directed toward Department employees, local government employees will benefit from the material presented.

**M/O - 182 Shoulder Building**

- Duration: 32 minutes
- Source: Georgia DOT
- Format: VHS

This video acquaints the viewer with the process of edge rut repair in a safe environment. Although mainly directed toward Department employees, local government employees will benefit from the material presented.

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**Planning/Administration**

**P/A-102 Road Management Systems.**

- Duration: 6 minutes
- Source: USACRREL
- Format: VHS

This tape is directed at management level personnel and explains the benefits of a management system.

**P/A-103 Pavement Management Systems for Local Administrators.**

- Duration: 17 minutes
- Source: U.S. DOT/FHWA
- Format: VHS

Overview of requirements and expected benefits of a Pavement Management System. The use of a computer is assumed.

**P/A-104 Paving the Way for Tomorrow’s Highways.**

- Duration: 16 minutes
- Source: SHRP
- Format: VHS

Details of SHRP’s research program and expected research products.

**P/A-105 Rural Technical Assistance Program (RTAP).**

- Duration: 10 minutes
- Source: FHWA
This tape explains the benefits that an agency can receive from the Technology Transfer Program. Examples are given of assistance received by agencies from various activities of individual centers.

P/A-106  **Agri-Access Network.**
22 minutes
FHWA/Penn. DOT
Format: VHS
Describes Penn. DOT’s experience in identifying those roads most important to the transportation of agricultural commodities in two counties. The information gathered enables the state to determine which road and bridge improvement projects will provide the greatest economic benefits to the agricultural and rural communities.

P/A-107  **Open Roads: A Look at Freeway Incident Management.**
18 minutes
FHWA
Format: VHS
Presents in nontechnical language the current state-of-the-practice of freeway incident management. It is intended for viewing by top-level management, elected officials, citizen groups and other interested parties. Through an effective mix of animation, special effects, on-camera interviews and real-world video footage, this video depicts the severity of the incident problem, then offers effective and practical solutions. It deals with incident management strategies for both urban and rural problems.

P/A-108  **Surface Condition Rating System.**
30 minutes
MN DOT
Format: VHS

P/A-109  **Pavement Management Systems.**
5 minutes
FHWA/Army Corps of Engineers
Format: VHS
Directed at management level personnel and explains the benefits of a management system.

P/A-110  **Implementing a Maintenance Management System.**
35 minutes
FHWA
Format: VHS
 Discusses criteria for implementing a maintenance management system, including objectives, definitions of work activities, resources, budgets and evaluating performance.

P/A-111  **The Winners-The Losers.**
This film demonstrates good lift truck operation as well as showing some of the consequences of incorrect practices.

**P/A-112 Right Before Your Eyes.**
10 minutes
ATSSA
Format: VHS
General presentation on the need for good pavement markings. Good for public awareness presentation.

**P/A-113 4R Conference & Road Show: Attendees.**
8:43 minutes
New Orient Media, Inc.
Format: VHS

**P/A-114 Drug Abuse at Work-Employee.**
GA DOT
Format: VHS

**P/A-115 Down Is UP.**
Format: VHS

**P/A-116 Caution, Litigation Ahead: “The Road to Effective Risk Management.”**
25 minutes
FHWA
Format: VHS
Discusses the reasons for establishing a risk management program and how such a program might function.

**P/A-117 AEMA Paving the Way...to the 21st Century.**
11 minutes
NTSC
Format: VHS
Promotional program for asphalt emulsion use. Provides an answer to the question “What is asphalt emulsion?” Audiences should have some knowledge of paving practices.

**P/A-118 Livable Neighborhoods: Rethinking Residential Streets.**
3 hours
APWA
Format: VHS
The discussion will include the philosophy, processes, and politics that municipal engineers may overlook when neighborhoods request their help in making their neighborhoods “a better place to live.” The panel includes a traffic calming planner who challenges the traditional municipal engineering view of residential street use and design, a crime prevention specialist who
helped lead Houston's neighborhood crime prevention through environmental design efforts, a public works director who must balance and integrate traffic calming efforts with other public works programs and department priorities, and a mayor from a community that has an active crime prevention and traffic calming program.

**P/A-119 Construction Management Systems Series.**
1 hour, 35 minutes
FHWA/IRF
Format: VHS

**Construction Management System Overview (19 minutes):** This program provides a basic overview of a typical construction management system or CMS, identifies the basic functions of construction management, and presents information on how to develop a construction management system.

**Construction Management System Planning (19 minutes):** This program discusses the planning element of designing a construction management system, including how to estimate the total manpower and other resources required to perform field construction management functions.

**Developing Contract Staffing Guidelines and Planning Values (19 minutes):** This program covers the development of contract staffing guidelines and planning values.

**Manpower Budgeting and Scheduling Procedures (19 minutes):** This program covers the procedures for manpower budgeting and scheduling.

**Management System Monitoring and Updating Procedures (19 minutes):** This course covers the procedures for system monitoring and updating.

**P/A-120 Technology Transfer Series.**
43 minutes
FHWA/IRF
Format: VHS

**Effective Technology Transfer (19 minutes):** This program covers the proper steps for effective technology transfer. Technology transfer is the process by which research findings and new technology are transferred into useful products and programs. There are six basic steps in the selection process and five key requirements for adoption of new technology.

**Establishing an Effective Technology Transfer Program (24 minutes):** This program covers the basic procedures for establishing an effective technology transfer program including the planning process, organizing the program and implementing the program.

**P/A-121 Highway Management Series (Tape 1).**
1 hour, 27 minutes
FHWA/IRF
Format: VHS

Highway Management Systems-Introduction (20 minutes); Pavement Management Systems-An Overview (21 minutes); Pavement Management Systems-Data Collection and Management (23 minutes); Pavement Management Systems-Development and Implementation (23 minutes):
This program defines work authorization and scheduling. Levels of scheduling, work load distribution, and scheduling procedures will also be discussed.

P/A-122  **Highway Management Series (Tape 2).**  
1 hour, 41 minutes  
FHWA/IRF  
Format:  VHS  
Maintenance Management Systems-An Overview (20 minutes); Maintenance Management Systems-Developing Maintenance Standards (22 minutes); Maintenance Management Systems-Work Planning Process (22 minutes); Maintenance Management Systems-Work Authorization and Scheduling (19 minutes); Maintenance Management Systems-Work Reporting and Evaluation (18 minutes): This program defines work authorization and scheduling. Levels of scheduling, work load distribution, and scheduling procedures will also be discussed.

P/A - 123  **Advanced Transportation Management System**  
14 minutes  
GA DOT  
Format:  VHS

P/A - 124  **Smart Moves: A Decision-Maker's Video on the Intelligent Transportation Infrastructure**  
10 minutes  
FHWA  
Format:  VHS  
Present the design and resulting system of three different ITS programs that combine advanced technology with traffic systems.

P/A - 125  **Transportation Librarians: Partners in Technology Transfer**  
11 minutes  
MN DOT  
Format:  VHS  
Cutting edge information, research and technology are at the fingertips of the transportation librarians. This video describes what they can do for you and the tools at their disposal.

P/A - 126  **Tribal Transportation Planning: A vision of A Better Tribal Transportation**  
15 minutes  
ACOMA Pueblo New Mexico  
Format:  VHS

P/A - 127  **Training the Trainer: Turning Field Experts into Experts in the Classroom**  
31 minutes
P/A - 128  **Torts are Everybody’s Business**  
5 minutes  
Penn DOT  
Format: VHS  
Discusses how all employees in a public work operation can be affected by civil suits against them or their municipalities. Suggested audience: highway superintendents, municipal officials, and public work staff.

P/A - 129  **EMS: Equipment Management Systems**  
17 minutes  
FHWA  
Format: VHS  
Discusses how to control fleet vehicle cost, advantages of systemic management of equipment resources by using a computerized process, benefits of an EMS, and the elements of an EMS. Even if you are not yet computerized, the information is useful. Suggested audience: highway superintendents and municipal officials.

P/A - 130  **Local Government on Trail Part 2: The Trial**  
90 minutes  
Penn Local Roads Program  
Format: VHS  
(See Part 1 description.) Part 2 depicts the trial. What to expect if you are involved in a trial, including jury selection, opening statements, attorney presentation, witnesses, and cross examination. Suggested audience: highway superintendents and municipal officials.

P/A - 131  **Local Government on Trail Part 1: The Background**  
41 minutes  
Penn Local Roads Program  
Format: VHS  
Demonstrates the various aspects of a court case involving a contractor and a township in Pennsylvania when an accident occurs on a roadway. Shows how the case develops from the time of the accident through the complaint, discovery process, jury trial, and outcome. The township, which has 28 miles of road, is representative of any rural municipality. The program will familiarize public work officials with legal and court procedures they would encounter in a lawsuit. Part 1 sets the scene. Part 2 begins the trial.

P/A - 132  **Air Quality Conformity in Transportation Planning**  
20 minutes  
ZAPATA Engineering
Safety/Traffic

Format: VHS
Describes the regulations of the Clean Air Act, and the harmful effects of ozone and particulates in the air. Covers how communities are classified as non-attainment areas, and loss of road funding. Suggested audience: those responsible for air quality regulations and monitoring in urban and suburban areas.

P/A 133  Improving American Roads Through International Technology
11 minutes
FHWA
Format: VHS
Sharing good ideas and innovations with our global neighbors helps improve transportation. From phenomenal advances in ITS to longer lasting asphalt mixes, American transportation professional benefits from visits to foreign countries.

P/A - 135  How to Give A Deposition
17 minutes
Penn DOT
Format: VHS
Gives a brief overview of the process of giving depositions.

S/T-102  Pedestrian Safety (What Can You Do?).
9 minutes
FHWA
Format: VHS
An overview of pedestrian safety using the themes of Engineering, Education, and Enforcement. Information is presented against a background of filmed traffic scenes.

S/T-103  Traffic Barriers.
46 minutes
FHWA
Format: VHS

S/T-106  Traffic Control for Short Term Street or Highway Work Zones
(Parts 1 through 5).
84 minutes
MN DOT
Format: VHS

**S/T-109 Breakaway Sign Program.**
12 minutes
NJ DOT
Format: VHS
Describes how to assemble a New Jersey Breakaway Sign. These sign posts are for larger, informational signs seen on most highways. Companion publication available.

**S/T-110 Multiple Choice.**
24 minutes
Caterpillar
Format: VHS
This video reconstructs six accidents that actually happened. It asks safety questions after each accident which could be used to stimulate safety discussions in the classroom. The accidents portrayed are very graphic. The video was produced in cooperation with the National Safety Council.

**S/T-111 Shake Hands With Danger.**
23 minutes
Caterpillar
Format: VHS
This video has a message for all who work with heavy machinery and common shop tools. It is primarily geared toward operators and mechanics. Realistic accidents, selected with help from the National Safety Council, make the video's warning loud and clear.

**S/T-112 Informational/Training Videos on Functional Requirements of Highway Safety Features.**
25 minutes
FHWA
Format: VHS
The course goal is to show those who select, install, maintain and repair safety features the proper methods. The video lists the basic components of the course, and the objectives for each component. Material covered in the course includes introduction and clear zone process, standard barriers, end treatments and transition, pavements and shoulders, drainage structures, breakaway supports, and roadway signing, marking and delineation for traffic control. The video concludes with information on how to obtain the instructional aids available to teach the course.

**S/T-113 LP Gas: Know the Facts.**
11 minutes
U.S. DOT/FHWA
Detection of leaks and the dangers of overfilling LP gas tanks. Proper methods for the handling, maintenance, and outside storage of tanks are also covered.

S/T-114 **Emergency Relief.**
17 minutes
FHWA
Format: VHS
Discusses the necessary steps to obtain emergency relief from the federal government in case of a disaster.

S/T-115 **The Thin Orange Line: Inspecting Work Zone Traffic Control.**
32 minutes
ATSSA
Format: VHS
The two-part video shows the major items an inspector should check to ensure contractor compliance with The Traffic Control plan, the MUTCD, and any state and local requirements. The tape emphasizes the need for the proper selection, placement, and maintenance of the traffic control devices.

S/T-116 **New Work Zone Safety Devices.**
17 minutes
SHRP
Format: VHS
Addresses new devices for protecting short term work zones on highways, including intrusion alarms, queue length detectors, portable speed bumps, delineation and lighting devices, a stop/slow paddle with flashing lights, and practical portable sign stands. For moving work zones, a remotely driven vehicle and a truck mounted collision attenuator are discussed.

S/T-117 **Arrow Panels.**
25 minutes
U.S. DOT/FHWA
Format: VHS
Designed to help state and local highway agencies learn more about the proper use of these traffic control devices.

**Barrier Delineation in Work Zones: The Well-Defined Path.**
20 minutes
U.S. DOT/FHWA
Format: VHS
Designed to help state and local highway agencies learn more about the proper use of these traffic control devices.

S/T-119 **Evaluation Procedures for Deicing Chemicals.**
11 minutes
SHRP
Format: VHS
This video outlines and describes the need for the tests, and aids in understanding how to perform the tests.

**S/T-120  Staying Ahead of the Storm.**
21 minutes  
SHRP  
Format: VHS  
Road weather information systems.

**S/T-121  Pavement Maintenance and Worker Safety.**
16 minutes  
SHRP Innovations  
Format: VHS  
Develops procedures and products to maintain pavement and control traffic safety in work zones.

**S/T-122  Snow and Ice Control.**
12 minutes  
SHRP Innovations  
Format: VHS  
Better ways of keeping roads free of ice and snow. Improved plows and test methods for evaluating chemical deicers, and the use of Road Weather Information Systems. Discusses the use of snow fences.

**S/T-123  Plows of the Future.**
8 minutes  
SHRP  
Format: VHS  
Improved plows that work faster with improved visibility and greater control at a lower cost.

**S/T-124  Work Zone Safety for Rural Local Agencies-Parts 1-7.**
1 hour, 42 minutes  
UNC ITRE/FHWA  
Format: VHS  

**S/T-125  Tank Closure Without Tears: An Inspector’s Safety Guide.**
30 minutes  
NEIWPCC  
Format: VHS

**S/T-126  Speed Humps.**
Gwinnett DOT  
Format: VHS  
Depicts Gwinnett County’s initial efforts in developing a speed hump program.
| S/T-127 | **Flagging.**  
|         | 13 minutes  
|         | UNC ITRE/FHWA  
|         | Format: VHS  
|         | Part 6 of a 7 part video. Discusses the proper techniques for safe flagging operations. |
|         | U. Mass  
|         | Format: VHS |
| S/T-130 | **Introduction to Work Area Traffic Control, Partners in Safety.**  
|         | Format: VHS |
| S/T-131 | **Night Safety at Worksites. Work Area Flagging. Selection and Use of Traffic Control Devices.**  
|         | Format: VHS |
| S/T-132 | **Think Safety, Back Safety.**  
|         | GA DOT  
|         | Format: VHS |
| S/T-135 | **Highway Safety Program.**  
|         | 30 minutes  
|         | FHWA/DOT  
|         | Format: VHS  
|         | Discusses the role highway safety improvements play in reducing traffic accidents. |
| S/T-136 | **Functional Requirements of Safety Features I.**  
|         | FHWA  
|         | Format: VHS  
| S/T-137 | **Functional Requirements of Safety Features II.**  
|         | FHWA  
|         | Format: VHS  
| S/T-205 | **Traffic Control and Legal Liability. Tort Liability.**  
|         | Format: VHS  
|         | This workshop on tort liability was videotaped at the 1991 Region 8 County Road Advisor’s Meeting in Rapid City, South Dakota. John Hopkins (Montana T2 Center) and Gene Wilson (Wyoming T2 Center) play witnesses being grilled by a lawyer in a mock trial. The workshop emphasizes the need to keep good records and prioritize county road work. May be used in its... |
entirety or broken into logical segments.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Duration</th>
<th>Agency</th>
<th>Format</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S/T-206</td>
<td>Traffic Controls for Schools, Railroad Crossings, and Bicycle Facilities.</td>
<td>24 minutes</td>
<td>IRF/FHWA</td>
<td>VHS</td>
<td>Covers traffic controls under three traffic control conditions requiring extra safety considerations: schools, railroad crossings and bicycle facilities.</td>
</tr>
<tr>
<td>S/T-207</td>
<td>Worldwide Traffic Sign Systems Overview.</td>
<td>26 minutes</td>
<td>IRF/FHWA</td>
<td>VHS</td>
<td>Covers the types and purposes of the signs that are common to all three systems, and reviews the basic design elements for all sign systems.</td>
</tr>
<tr>
<td>S/T-208</td>
<td>Markings and Islands.</td>
<td>19 minutes</td>
<td>IRF/FHWA</td>
<td>VHS</td>
<td>Covers the design and application of markings and islands.</td>
</tr>
<tr>
<td>S/T-209</td>
<td>Traffic Signs Placement and Location.</td>
<td>22 minutes</td>
<td>IRF/FHWA</td>
<td>VHS</td>
<td>Covers the placement and location of signs in general and specifically at their placement and location in three areas: urban, rural, and freeways.</td>
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<tr>
<td>S/T-210</td>
<td>Traffic Signs Inspection and Maintenance.</td>
<td>21 minutes</td>
<td>IRF/FHWA</td>
<td>VHS</td>
<td>Covers sign inspection and maintenance.</td>
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<tr>
<td>S/T-211</td>
<td>Special Use Traffic Controls.</td>
<td>17 minutes</td>
<td>IRF/FHWA</td>
<td>VHS</td>
<td>Covers special use traffic controls. The devices address potentially hazardous traffic conditions that are not covered elsewhere in the traffic control series.</td>
</tr>
<tr>
<td>S/T-212</td>
<td>Traffic Control Signals at Intersections.</td>
<td>18 minutes</td>
<td>IRF/FHWA</td>
<td>VHS</td>
<td>Describes basically how engineers determine if a signal is needed, how signal controller phasing works, and how signal timing works.</td>
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<td>Covers the basic principles of work zone safety, traffic control zones, planning for traffic control, the function of traffic control devices, and typical applications.</td>
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<td>24 minutes</td>
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<td>IRF/FHWA</td>
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<td>Format: VHS</td>
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<td>Covers the installation, inspection and maintenance of traffic control devices at a basic workaday based on a traffic control plan.</td>
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<td>21 minutes</td>
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<td>IRF/FHWA</td>
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<td>Shows how to develop an effective traffic control plan. Follows the process from pre-planning, through the actual design and writing, the implementation, evaluation, and even revision.</td>
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<tr>
<th>S/T-216</th>
<th>Protection of Locators and Surveyors.</th>
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<td></td>
<td>8 minutes</td>
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<td>TECS</td>
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<td>Format: VHS</td>
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<td>Discusses how to control traffic around various kinds of city maintenance situations.</td>
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<tr>
<th>S/T-217</th>
<th>Low Speed Lane Closures.</th>
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<td>14 minutes</td>
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<td>TECS</td>
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<td>Format: VHS</td>
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<td>Teaches about one of the most common ways to control traffic: closing a traffic lane.</td>
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<tr>
<th>S/T-218</th>
<th>Parking Lane/Shoulder Work.</th>
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<td></td>
<td>11 minutes</td>
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<td>TECS</td>
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<td>Addresses the need to alert drivers when working in the parking lane or on the shoulder. Takes a close look at how to develop good traffic control for such situations.</td>
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<tr>
<th>S/T-219</th>
<th>Devices.</th>
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<td>20 minutes</td>
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<td>TECS</td>
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<tr>
<td>S/T-220</td>
<td>City Maintenance Operations.</td>
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<td>S/T-221</td>
<td>Street Closures.</td>
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<tr>
<td>S/T-222</td>
<td>Pedestrians.</td>
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<tr>
<td>S/T-223</td>
<td>Intersection Work.</td>
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<tr>
<td>S/T-224</td>
<td>Introduction to Low Speed Traffic Control.</td>
</tr>
<tr>
<td>S/T-225</td>
<td>Mailboxes May Be Hazardous to Your Health.</td>
</tr>
<tr>
<td>S/T-226</td>
<td>Safety Features for Local Roads &amp; Streets, Tape 1.</td>
</tr>
</tbody>
</table>

This tape contains sideslope and ditch tests, roadside culvert and crossroad incline tests, and crash tests on different types of small sign supports.
S/T-227 Setting Speed Limits.
10 minutes
VL RP
Format: VHS
A six-step engineering study is recommended for establishing posted speeds. Program can be used with general audiences.

S/T-233 Safety Training For Repair Technicians.
21 minutes
Deere & Co., Hertz Equipment Rental Corp., CIMA
Format: VHS
Nearly 65% of repair technician personal injuries involve hands, eyes, or backs. Now a 21 minute video examines all types of repair related accidents, and shows effective ways to prevent them. This video will help you stay within budget and control your insurance costs. Developed in partnership with Deere & Company, Hertz Equipment Rental Corp. and the Construction Industry Manufacturers Association (CIMA). Released in 1996.

23 minutes
John Deere
Format: VHS
A 23 minute video, developed in partnership with John Deere, should be seen by every operator of a mowing tractor. Filled with practical advice on ways to avoid accidents for mower operators, bystanders and the driving public. Shot on interstate highways, city streets, quiet country roads. Divided into two parts. Part one provides easy-to-follow pre-start inspection and maintenance advice. Part two puts you in the operator’s seat in all types of mowing applications. A must see video for new and experienced operators alike. Released in 1996.

S/T-235 Transport Trailer Safety.
24 minutes
Deere & Co., Hertz Equipment Rental Corp., Eager Beaver Trailers
Format: VHS
24 minutes long, this video shows employees how to safely load, chain down, transport and unload all types of equipment on all types of trailers. The video covers everything from portable generators on tagalongs to motor graders on detachable goose necks. It even covers DOT approved chains and binders. Cosponsored by Deere & Company, Hertz Equipment Rental Corp. and Eager Beaver Trailers, the video helps you avoid becoming “The Other Guy.” Released in 1995.

S/T-236 It Always Happens To The Other Guy.
15 minutes
John Deere, National Safety Council
Format: VHS
A 15 minute video using professional Hollywood stunt men in construction equipment rollover accidents. Produced by John Deere with assistance from the National Safety Council. The video makes equipment operators
take stock of the dangers they face every day on the job.

**S/T-237 Unattended Work Sites.**
TECS
Format: VHS

**S/T-239 The Case For Safety.**
Bureau of Business Practice
Format: VHS
The purpose of this video is to increase awareness of the importance of safety among your employees. It's so easy for your people to let safety slide when they get busy or are running up against a deadline. That's when the safety rules are ignored or when commonsense protective measures are bypassed in favor of speed or convenience. *The Case For Safety* is designed to get your employees thinking about their safety so that they will become more actively involved in making your department a safer place to work.

**S/T-240 Pre-Job Safety Checklist.**
Bureau of Business Practice
Format: VHS
The purpose of this program is to teach employees to stop before they do any job, think about the hazards involved, and take the necessary precautions to protect themselves. The program suggests that employees should run through a simple five-point mental checklist before they begin any job. The checklist includes such critical safety items as personal protective equipment, work area safety, written safety information, and pre-job equipment inspections. By asking your employees to use this checklist technique, you can increase safety awareness in your department or work group significantly.

**S/T-241 Making Safer Roads.**
12 minutes
Insurance Institute For Highway Safety
Format: VHS
 Discusses roadside/right-of-way hazards associated with secondary roads. Experts explain how to alleviate these hazards using a common sense approach.

**S/T-242 Traffic Control: What Works?**
14 minutes
Minnesota Local Road Research Board
Format: VHS
 The major objective of this video is to motivate public officials and members of the public to trust their engineers to develop reasonable, research-based traffic control strategies. The underlying philosophy in producing this video is that people will more readily accept an idea if they see how they will benefit directly from the implementation of that idea. The video demonstrates that public engineers sympathize with traffic accident victims and their relatives. It also explains that the best response to the tragedy of traffic injuries and/or death is the development of rational, research-based traffic control strategies. Additionally the video shows how everyone suffers from bad decisions regarding traffic control. The intent is that after
seeing the video, the viewers will agree that rational solutions based on reliable research are in everyone’s best interest.

TECS
Format: VHS

S/T-244 Traffic Safety Series.
59 minutes
FHWA/IRF
Format: VHS
Identifying Highway Safety Problems and Solutions (19 minutes); Evaluating and Selecting the Best Safety Alternatives (20 minutes); Evaluating Safety Program Results (20 minutes): This program outlines the system for identifying and solving highway safety problems known as the Highway Safety Improvement Program Management System. The first of two phases of this system are discussed: Identify Safety Problems and Identify Alternative Improvements.

SL/T-101 Aplicacion De Capa De Sellada Asfaltico, Parte 1. (Bituminous Seal Coat, Part 1)
Format: VHS

SL/T-102 Aplicacion De Capa De Sellado Asfaltico, Parte 2. (Bituminous Seal Coat, Part 2)
Format: VHS

SL/T-103 Control De Trafico Para Zonas De Trabajos De Mantenimiento, Parte 1. (Traffic Control for Maintenance Work Areas, Part 1)
Format: VHS

SL/T-104 Control De Trafico Para Zonas De Trabajos De Mantenimiento, Parte 2. (Traffic Control for Maintenance Work Areas, Part 2)
Format: VHS

SL/T-105 El Abanderado O Banderillero. (The Flagger)
Format: VHS

SL/T-106 Inspeccion De Estructuras. (Structure Inspection)
SL/T-107  **Limpieza De Cuentas Y Preparacion De Derrumbes Menores.**
(Remove Minor Slides and Clean Cut Ditches)
Format: VHS

SL/T-108  **Mantenimiento Preventivo De Motoniveladoras.**
(Motor Grader PM-A)
Format: VHS

SL/T-109  **Mantenimiento De Caminos De Superficie Granular.**
(Maintain Non-Hard Surfaces)
Format: VHS

SL/T-110  **Mantenimiento De Drenajes.** (Maintain Drainage)
Format: VHS

SL/T-111  **Mantenimiento Preventivo De Palas Cargadoras O Cargadoras Frontales.** (Loader PM-A)
Format: VHS

SL/T-112  **Mantenimiento Preventivo De Camiones Con Caja Volcadora O De Volteo.** (Dump Truck PM-A)
Format: VHS

SL/T-113  **Reparacion De Hombros O Banquinas De Grava.**
(Edge Rut Repair and Grade Gravel Shoulder)
Format: VHS

SL/T-114  **Reparacion De La Base.** (Base Repair)
Format: VHS

SL/T-115  **Reparacion Provisional De Baches.**
(Temporary Pot Hole Patching)
Format: VHS

SL/T-116  **Reparacion Permanente De Baches.**
LOCAL TECHNICAL ASSISTANCE PROGRAM – T2 CENTER
VIDEOTAPE LENDING LIBRARY

ORDER FORM

(may be duplicated)

Videotapes are lent at no charge to local roads officials, public works officials, and their municipalities for a period of two weeks. We prefer to lend no more than two (2) titles at one time, so that as many tapes as possible are available to our audience. If a title consists of multiple tapes, usually only one (1) title will be lent at a time.

Tapes will be mailed First Class in box mailers with return labels. Please return them the same way to avoid damage. Please rewind tapes to the beginning.

Return tapes to:

Georgia DOT/LTAP
276 Memorial Drive, S.W.
Atlanta, GA 30303

NAME:_________________________________TITLE:__________________________

MUNICIPALITY:_________________________________________________________

ADDRESS:______________________________________________________________

________________________________PHONE:_________________________

REQUESTED TITLE(S) 1.______________________________________________

2.______________________________________________
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<thead>
<tr>
<th>APPENDIX A</th>
<th>ACRONYM IDENTIFICATION</th>
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<tbody>
<tr>
<td>ACPA</td>
<td>American Concrete Pavement Association</td>
</tr>
<tr>
<td>APWA</td>
<td>American Public Works Association</td>
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<tr>
<td>AASHTO</td>
<td>American Association State Highway Transportation Officials</td>
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<tr>
<td>CDI:</td>
<td>Compact Disk Interactive</td>
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<td>DOT:</td>
<td>Department of Transportation</td>
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<td>EPD:</td>
<td>Engineering Professional Development</td>
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<td>FHWA:</td>
<td>Federal Highway Administration</td>
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<td>Georgia Department of Transportation</td>
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<td>I BOE:</td>
<td>Illinois Board of Education</td>
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<td>Minnesota Department of Transportation</td>
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<td>MN LRRB:</td>
<td>Minnesota Local Road Research Board</td>
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<tr>
<td>MSFTD:</td>
<td>Montana State Film and Television Department</td>
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<tr>
<td>NACE:</td>
<td>National Association of County Engineers</td>
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<tr>
<td>NE DOR:</td>
<td>Nebraska Department of Roads</td>
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<td>NEIWPCC:</td>
<td>New England Interstate Water Pollution Control Commission</td>
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<td>NJ DOT:</td>
<td>New Jersey Department of Transportation</td>
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<td>NLA:</td>
<td>National Lime Association</td>
</tr>
<tr>
<td>NLI:</td>
<td>National Lime Institute</td>
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<td>NM DOT:</td>
<td>New Mexico Department of Transportation</td>
</tr>
<tr>
<td>NM HTTA:</td>
<td>New Mexico Highway and Transportation Training Academy</td>
</tr>
</tbody>
</table>
NM SHD: New Mexico State Highway Department
NRMCA: National Ready Mixed Concrete Association
NWT2C: Northwest Technical Transfer Center
PA RTAP: Pennsylvania Rural Technical Assistance Program
PCA: Portland Cement Association
Penn. DOT: Pennsylvania Department of Transportation
RI DOT: Rhode Island Department of Transportation
SDHPT: State Department of Highways and Public Transportation
SHRP: Strategic Highway Research Program
TECS: Traffic Education and Consulting Services
USACRREL: United States Army-Cold Regions Research and Engineering Laboratory
US DOT: United States Department of Transportation
VLRP: Vermont Local Roads Program
APPENDIX B

The Technology Transfer Center has organized thirty-three of its video tapes into six different training modules. The videos are intended to assist personnel in conducting roadshows. The modules can be used in whole or in part.

The following listings are divided by module titles, and video titles are listed by the numbers which appear elsewhere within the catalog.

**MODULE 1 – “GRAVEL ROAD MAINTENANCE”**

<table>
<thead>
<tr>
<th>Video Code</th>
<th>Title</th>
<th>Duration</th>
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<tbody>
<tr>
<td>M/O-135</td>
<td>Blading Unpaved Roads</td>
<td>22 minutes</td>
</tr>
<tr>
<td>M/O-136</td>
<td>Common Maintenance Problems and Causes</td>
<td>21 minutes</td>
</tr>
<tr>
<td>M/O-137</td>
<td>Smoothing and Reshaping of Earth and Gravel Roads</td>
<td>20 minutes</td>
</tr>
<tr>
<td>M/O-113</td>
<td>Motorgrader Operation, Part 2</td>
<td>21 minutes</td>
</tr>
<tr>
<td>M/O-114</td>
<td>Operator Daily Maintenance of Motorgraders</td>
<td>21 minutes</td>
</tr>
<tr>
<td>M/O-138</td>
<td>Patching Unpaved Roads</td>
<td>11 minutes</td>
</tr>
<tr>
<td>M/O-139</td>
<td>Regraveling</td>
<td>18 minutes</td>
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**MODULE 2 – “UPGRADING GRAVEL ROADS”**

<table>
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<tbody>
<tr>
<td>M/O-136</td>
<td>Common Maintenance Problems and Causes</td>
<td>21 minutes</td>
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<tr>
<td>D/C-219</td>
<td>Lime-The Versatile Stabilizer in Construction</td>
<td>26 minutes</td>
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<tr>
<td>M/O-113</td>
<td>Motorgrader Operation, Part 2</td>
<td>21 minutes</td>
</tr>
<tr>
<td>M/O-114</td>
<td>Operator Daily Maintenance of Motorgraders</td>
<td>21 minutes</td>
</tr>
<tr>
<td>M/O-140</td>
<td>Rural Roads: A New Approach</td>
<td>27 minutes</td>
</tr>
<tr>
<td>M/O-141</td>
<td>Single and Multiple Surface Treatments</td>
<td>14 minutes</td>
</tr>
<tr>
<td>M/O-117</td>
<td>Upgrading Gravel Roads: A New Approach</td>
<td>21 minutes</td>
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</table>

**MODULE 3 – “BITUMINOUS ROAD MAINTENANCE”**

<table>
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<tr>
<th>Video Code</th>
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</thead>
<tbody>
<tr>
<td>M/O-136</td>
<td>Common Maintenance Problems and Causes</td>
<td>21 minutes</td>
</tr>
<tr>
<td>M/O-113</td>
<td>Crack Repair in Asphalt Pavement</td>
<td>12 minutes</td>
</tr>
<tr>
<td>EO/M-115</td>
<td>Operator Daily Maintenance of Asphalt Distributors</td>
<td>17 minutes</td>
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</table>

**MODULE 4 – “MAINTENANCE-GENERAL”**

<table>
<thead>
<tr>
<th>Video Code</th>
<th>Title</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>M/O-136</td>
<td>Common Maintenance Problems and Causes</td>
<td>21 minutes</td>
</tr>
<tr>
<td>M/O-144</td>
<td>Cleaning and Clearing of Bridges</td>
<td>14 minutes</td>
</tr>
<tr>
<td>M/O-145</td>
<td>Cleaning of Lined Ditches, Culverts and Catch Basins</td>
<td>16 minutes</td>
</tr>
<tr>
<td>M/O-146</td>
<td>Concrete Bridge Deck Repair</td>
<td>18 minutes</td>
</tr>
<tr>
<td>M/O-147</td>
<td>Mechanical Cleaning of Unlined Ditches</td>
<td>20 minutes</td>
</tr>
<tr>
<td>M/O-148</td>
<td>Replenishing Earth and Gravel Shoulders</td>
<td>19 minutes</td>
</tr>
<tr>
<td>M/O-149</td>
<td>Reshaping Earth and Gravel Shoulders</td>
<td>15 minutes</td>
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</tbody>
</table>

**MODULE 5 – “EQUIPMENT MAINTENANCE AND OPERATION”**

| EO/M-117 | Operator Daily Maintenance of Dump Trucks | 20 minutes |
| EO/M-115 | Operator Daily Maintenance of Asphalt Distributors | 17 minutes |
| M/O-113 | Motorgrader Operation, Part 2 | 21 minutes |
| M/O-114 | Operator Daily Maintenance of Motorgraders | 21 minutes |
| EO/M-118 | Operator Daily Maintenance of Front-End Loaders | 19 minutes |
| EO/M-106 | Front-End Loader Operation, Part 1 | 19 minutes |
| EO/M-107 | Front-End Loader Operation, Part 2 | 19 minutes |
| EO/M-119 | Operator Daily Maintenance of Crawler Tractors | 21 minutes |
| EO/M-120 | Operator Daily Maintenance of Rollers | 22 minutes |
| EO/M-121 | Tilt-Bed Trailers, Parts 1 & 2 | 54 minutes |
| M/O-150 | Winning Moves in Maintenance | 16 minutes |

**MODULE 6 – “HIGHWAY SAFETY”**

| P/A-116 | Caution, Litigation Ahead: The Road to Effective Risk Management | 25 minutes |
| S/T-225 | Mailboxes May Be Hazardous to Your Health | 14 minutes |
(Permanent Pot Hole Patching)  
Format: VHS

**SL/T-117**  
Reparacion Del Pavimento Asfaltico.  
*(Bituminous Surface Replacement)*  
Format: VHS

**SL/T-118**  
Restauracion Del Perfil En Carreteras Asfalticas.  
*(Lane Leveling Bituminous Surfaces)*  
Format: VHS

**SL/T-119**  
Sellado De Grietas Y Fisuras. *(Sealing Cracks)*  
Format: VHS

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**TOPICAL INDEX**

**COMMERCIAL DRIVERS LICENSE**

CDL-101 Commercial Drivers License Series-Parts 1, 2A, 2B.  
CDL-102 Commercial Drivers License Series-Parts 2C, 2D, 3, 4.  
CDL-103 Commercial Drivers License Series-Part 2D.  
CDL-111 Fit for the Road

**COMPACT DISC INTERACTIVE TITLES**

CDI-101 Drug & Alcohol Awareness  
CDI-102 Hours of Service  
CDI-103 Backing and Turning  
CDI-104 Speed Management  
CDI-105 Pre-Trip Inspections.  
CDI-107 Space Management.  
CDI-108 Work Zone Traffic Control  
CDI-109 Snow & Ice Control  
CDI-110 Motorgrader Operation  
CDI-111 Straight Talking: The Art of Assertiveness  
CDI-112 Meetings, Bloody Meetings  
CDI-113 The NGA Truck and Bus Data Elements

**DESIGN/CONSTRUCTION**

D/C-101 Surface Utility Engineering-A Technology For The 90's.  
D/C-103 Asphalt Concrete Paving Inspection.
D/C-102 Timber Bridges: Build Better and Save With Modern Timber Bridges.
D/C-104 Asphalt Concrete Plant Inspection.
D/C-105 Chip Seal, Prime, Flush and Tack Coat Inspection.
D/C-106 Concrete Paving Inspection.
D/C-107 Field Sampling and Testing For Bituminous Construction.
D/C-108 Field Sampling and Testing For Concrete Construction.
D/C-109 Incidental Concrete Structures Inspection.
D/C-110 Inspecting Pavement Recycling.
D/C-111 Major Structures Inspection.
D/C-112 Unsurfaced Road Inspection.
D/C-113 Unsurfaced Road Management.
D/C-114 Hardwood Anyone?
D/C-118 Erosion and Sedimentation Control, Part 2-B.
D/C-119 Timber Bridges #2.
D/C-120 Testing and Field Inspection of Roadway Delineation.
D/C-121 Modern Timber Bridges-A New Return For Old New England.
D/C-122 Bituminous Construction Procedures.
D/C-123 Bituminous Plant Inspection, 2 Parts.
D/C-124 Bituminous Seal Coat.
D/C-125 Hydrated Lime Key to Improved Asphalt Pavements.
D/C-126 Pipe Placement.
D/C-127 Pipe Trench Compaction.
D/C-128 Drainage Pipe Placement.
D/C-129 Aesthetic Bridge Rails and Guardrails.
D/C-130 Concrete Bridge Railings. The Modified Three Beam Guardrails. Cable Guard Rails.
D/C-131 Converting To The Metric System, Tape 1.
D/C-132 Converting To The Metric System, Tape 2.
D/C-133 Master Builders Concrete Series.
D/C-134 Sealcoating: A Matter of Science and Skill.
D/C-137 The Clemson Beaver Pond Leveler: One Solution.
D/C-138 Mixture Design: 32nd Annual Bituminous Conference.
D/C-139 Hot Mix Asphalt Construction Promotional Video.
D/C-140 OSHA Compliance in Construction.
D/C-141 Designing For Quality, I 90-94 in Wisconsin.
D/C-142 Field-Testing Concrete, Part 2: Slump and Compression Strength.
D/C-143 Soil Cement Base Construction.
D/C-145 Steel Truss Bridge Inspection. Timber Bridge Inspection
D/C-146 Inspecting the Asphalt Plant.
D/C-147 Subsurface Utility Engineering - A Proven Solution
D/C-150 Quality Assurance of Soil Cement Construction
D/C-151 Soil Cement Base Construction: Roadway Operations
D/C-204 Tied Concrete Shoulder: I-20, South Carolina; Cracked Pavement, Minnesota;
Application.
Aggregate Blends.
D/C-218 Asphalt Paving Inspection. Pothole Repair.
D/C-219 Lime-The Versatile Stabilizer in Construction.
D/C-220 Asphalt Paving Inspection.
D/C-221 Shake Hands With Danger.
D/C-222 Durability Testing of Concrete and Aggregates/Alkali-Silica Testing.
D/C-223 Durability Testing of Concrete and Aggregates/Freeze-Thaw Testing.
D/C-224 Quality Control of Concrete On-Site, Part One.
D/C-225 Quality Control of Concrete On-Site, Part Two.
D/C-226 Quality Control of Concrete On-Site, Part Three.
D/C-227 Quality Control of Concrete On-Site, Part Four.
D/C-228 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Introduction of Rehabilitation of Highway Concrete.
D/C-229 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Concrete Pavement Overlays.
D/C-230 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Bridge Deck Overlays.
D/C-231 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Full-Depth Repair of Jointed Concrete Pavement.
D/C-232 Concrete Rehabilitation - Early Opening of Full-Depth Concrete Repairs.
D/C-233 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs - Partial-Depth Repair of Concrete Pavement.
D/C-235 Hot Mix Asphalt is the Best Buy ... All of the Time
D/C-236 Ultra-Thin Whitetopping
D/C-240 Bituminous Concrete Paving - Parts I, II, & III
D/C-241 Design & Construction of Extra-High Strength Concrete Bridges
D/C-242 Asphalt Emulsions & Their Uses
D/C-243 Building The Notched Wedge Joint
D/C-244 Fit to Be Tied: Retrofitting, PCC Pavement with Dowel Bars, Dowel Bar Insertion for Load Transfer at Mid Panel Crack Retrofitted Load Transfer Devices
D/C-245 Prefabricated Timber Bridge Deck Panels

EQUIPMENT OPERATIONS/MAINTENANCE

EO/M-101 Rotary Mower Operations.
EO/M-103 Introduction to Sieve Analysis.
EO/M-104 Loader-Backhoe Safety-Worker Safety.
EO/M-105 ROADEO.
EO/M-106 Front-End Loader Operation, Part 1.
EO/M-107 Front-End Loader Operation, Part 2.


EO/M-112 Motorgrader Operation: Part I & II, Operator Daily Maintenance of Motorgrader

EO/M-113 Motorgrader Operation, Part 2.

EO/M-114 Operator Daily Maintenance of Motorgraders.


EO/M-116 Driver Daily Maintenance of Light Vehicles

EO/M-117 Operator Daily Maintenance of Dump Trucks.

EO/M-118 Operator Daily Maintenance of Front-End Loaders.

EO/M-119 Operator Daily Maintenance of Crawler Tractors.

EO/M-120 Operator Daily Maintenance of Rollers.

EO/M-121 Tilt-Bed Trailers, Parts 1 & 2.

EO/M-122 Motorgrader Preventive Maintenance.

EO/M-123 Wheel Loader Operating Techniques.

EO/M-124 Wheel Loader Walk Around & Inspection.

EO/M-125 Equipment Management Systems Series.

EO/M-126 Using Snow Plow on Motorgraders

GENERAL INTEREST

CDR-114 Hazardous Materials Transportation Training Modules: Compliance & Enforcement

IS-101 Idea Store, Volume I.

IS-103 Idea Store, Volume III.

IS-104 Idea Store, Volume IV.

IS-105 Idea Store, Volume V.

IS-106 Idea Store, Volume VI.

IS-107 Idea Store, Volume VII.

IS-108 Idea Store, Volume VIII.

IS-109 Idea Store, Volume IX.


IS-111 Privatizing Public Works, Part 2.

IS-113 Training: The Obscured Advantage.


IS-117 GA DOT Metric Training - Tape 1

IS-118 GA DOT Metric Training - Tape 2 - Lesson 1

IS-119 GA DOT Metric Training - Tape 3 - Lesson 2

IS-120 GA DOT Metric Training - Tape 4 - Lesson 3

IS-121 GA DOT Metric Training - Tape 5 - Lesson 5

IS-122 GA DOT Metric Training - Tape 6 - Lesson 6

IS-123 Environmental Issues

VBT-100 Small Fleet Management in Public Works

VBT-101 Communicating Your Public Works Image with Power

MAINTENANCE/OPERATIONS
| M/O-101 | Pavement Structure, Repair Techniques, Program 2. |
| M/O-102 | Pothole Repair in Asphalt Concrete Pavement. |
| M/O-103 | Guardrail Installation and Repair. |
| M/O-104 | Maintaining a Safe Roadside. |
| M/O-105 | Technical Advancements for Maintenance Workers. |
| M/O-106 | Road Oyl: Resin Modified Emulsion. |
| M/O-108 | Concrete Bridge Protection, Repair and Rehabilitation. |
| M/O-109 | SUPERPAVE-Asphalt Pavements That Perform. |
| M/O-110 | Asphalt Crack Treatment. |
| M/O-111 | Pavement Repair: Do the Right Thing at the Right Time. |
| M/O-112 | Finding Better Ways. |
| M/O-113 | Crack Repair in Asphalt Pavement. Asphalt Crack Treatment. |
| M/O-114 | New Technology for Old Roads. |
| M/O-120 | The Snow Fighters. |
| M/O-121 | Dust Control. 1989 |
| M/O-122 | Portland Cement Concrete Field Sampling & Testing. |
| M/O-124 | Video Transfer #5. |
| M/O-125 | Video Transfer #8. |
| M/O-126 | Video Transfer #10. |
| M/O-127 | Effects of Tire Pressure on Pavement Distress: 52nd Annual Bituminous Conference. |
| M/O-131 | Asphalt Extraction Testing. |
| M/O-132 | Video Transfer #1 Minnesota I-90 Recycling. |
| M/O-133 | Pavement Deterioration, Ratings. Types of Pavement & Crack Sealing. |
| M/O-134 | Techniques for Pavement Maintenance and Rehabilitation Using Asphalt, Part 3. |
| M/O-135 | Blading Unpaved Roads. |
| M/O-137 | Smoothing and Reshaping of Earth and Gravel Roads. |
| M/O-138 | Patching Unpaved Roads. |
| M/O-139 | Regraveling. |
| M/O-141 | Single & Multiple Surface Treatments. |
| M/O-142 | Crack Repair in Asphalt Pavement. |
| M/O-144 | Cleaning and Clearing of Bridges. |
| M/O-145 | Cleaning of Lined Ditches, Culverts and Catch Basins. |
| M/O-146 | Concrete Bridge Deck Repair. |
| M/O-147 | Mechanical Cleaning of Unlined Ditches. |
| M/O-148 | Replenishing Earth and Gravel Shoulders. |
| M/O-149 | Reshaping Earth and Gravel Shoulders. |
| M/O-150 | Winning Moves in Maintenance. |
| M/O-151 | Creating Meadows Through Road Maintenance and Construction. |
| M/O-152 | Maintaining Granular Surface Roads. Snow Removal on Iowa's
Secondary Roads.
M/O-153 Pothole Repair in Surface Treatment Pavement.
M/O-155 Handling and Stockpiling Crushed Stone Aggregates.
M/O-156 Problems With Gravel Roads.
M/O-157 Asphalt Roadway Rehabilitation.
M/O-158 Sign Maintenance and Installation.
M/O-159 Chip Seal Application.
M/O-161 Anti-Icing For Maintenance Personnel.
M/O-163 What is Antilicing?
M/O-164 Understanding Superpave Mix Design.
M/O-165 Snow and Ice Control.
M/O-166 Innovative Tumbleweed Removal.
M/O-169 Comcore Roadplate System.
M/O-170 Contract Maintenance Series
M/O-171 Low Volume Roads Series
M/O-172 Bridge Evaluation and Posting
M/O-175 Dura Patched: Patching Only
M/O-176 Protecting Our Pavements: Preventative Maintenance
M/O-177 Innovative Pavement Maintenance Technology
M/O-178 Maintaining Asphalt Roads - Blade Patching
M/O-179 The Importance of Road Drainage
M/O-180 Retrofitted Load Transfer Devices
M/O-181 Carbide Grinding

PLANNING/ADMINISTRATION

P/A-102 Road Management Systems.
P/A-103 Pavement Management Systems for Local Administrators.
P/A-104 Paving the Way for Tomorrow’s Highways.
P/A-105 Rural Technical Assistance Program (RTAP).
P/A-106 Agri-Access Network.
P/A-107 Open Roads: A Look at Freeway Incident Management.
P/A-108 Surface Condition Rating System.
P/A-110 Implementing a Maintenance Management System.
P/A-111 The Winners-The Losers.
P/A-112 Right Before Your Eyes.
P/A-113 4R Conference and Road Show: Attendees.
P/A-114 Drug Abuse at Work-Employee.
P/A-115 Down Is Up.
P/A-116 Caution, Litigation Ahead: “The Road to Effective Risk Management”
P/A-117 AEMA Paving the Way…to the 21st Century.
P/A-118 Livable Neighborhoods: Rethinking Residential Streets
P/A-119 Construction Management Systems Series
P/A-120 Technology Transfer Series
P/A-121 Highway Management Series Tape 1
P/A-122 Highway Management Series Tape 2
P/A-123 Advanced Transportation Management System
P/A-124 Smart Moves: A Decision-Maker’s Video on the Intelligent Transportation
S/T-216  Protection of Locators and Surveyors.
S/T-217  Low Speed Lane Closures.
S/T-218  Parking Lane/Shoulder Work.
S/T-219  Devices.
S/T-220  City Maintenance Operations.
S/T-221  Street Closures.
S/T-222  Pedestrians.
S/T-223  Intersection Work.
S/T-224  Introduction to Low Speed Traffic Control.
S/T-225  Mailboxes May Be Hazardous To Your Health.
S/T-227  Setting Speed Limits.
S/T-228  Safety Training For Repair Technicians.
S/T-230  Transport Trailer Safety.
S/T-231  It Always Happens To The Other Guy.
S/T-232  Unattended Work Sites.
S/T-233  The Case For Safety.
S/T-234  Pre-Job Safety Checklist.
S/T-236  Traffic Control: What Works?
S/T-237  Traffic Control Procedures
S/T-238  Traffic Safety Series

SPANISH LANGUAGE/TRAINING

SL/T-101  Aplicacion De Capa De Sellada Asfaltico, Parte 1.  
(Bituminous Seal Coat, Part 1).
SL/T-102  Aplicacion De Capa De Sellada Asfaltico, Parte 2.  
(Bituminous Seal Coat, Part 2).
SL/T-103  Control De Trafico Para Zonas De Trabajos De Mantenimiento, Parte 1.  
(Traffic Control For Maintenance Work Areas, Part 1.)
SL/T-104  Control De Trafico Para Zonas De Trabajos De Mantenimiento, Parte 2.
Traffic Control For Maintenance Work Areas, Part 2.

SL/T-105 El Abanderado O Banderillero. (The Flagger.)
SL/T-106 Inspeccion De Estructuras. (Structure Inspection.)
SL/T-107 Limpieza De Cuentas Y Preparacion De Derrumbes Menores. (Remove Minor Slides and Clean Cut Ditches.)
SL/T-108 Mantenimiento Preventivo De Motoniveladoras. (Motorgrader PM-A.)
SL/T-109 Mantenimiento De Caminos De Superficie Granular. (Maintain Non-Hard Surface.)
SL/T-110 Mantenimiento De Drenajes. (Maintain Drainage.)
SL/T-111 Mantenimiento Preventivo De Palas Cargadoras O Cargadoras Frontales. (Loader PM-A.)
SL/T-112 Mantenimiento Preventivo De Camiones Con Caja Volcadora De Volteo.
SL/T-113 Reparacion De Hombros O Banquinas De Grava. (Edge Rut Repair and Grade Gravel Shoulder.)
SL/T-114 Reparacion De La Base. (Base Repair.)
SL/T-115 Reparacion Provisional De Baches. (Temporary Pot Hole Patching.)
SL/T-117 Reparacion Del Pavimento Asfaltico. (Bituminous Surface Replacement.)
SL/T-118 Restauracion Del Perfil En Carreteras Asfalticas. (Lane Leveling Bituminous Surfaces.)
SL/T-119 Sellado De Grietas Y Fisuras. (Sealing Cracks.)

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P/A-123 Advanced Transportation Management System
P/A-117 AEMA Paving the Way...to the 21st Century.
D/C-129 Aesthetic Bridge Rails and Guardrails.
P/A-106 Agri-Access Network.
P/A-132 Air Quality Conformity in Transportation Planning
M/O-161 Anti-Icing For Maintenance Personnel.
SL/T-101 Aplicacion De Capa De Sellada Asfaltico, Parte 1. (Bituminous Seal Coat, Part 1).
SL/T-102 Aplicacion De Capa De Sellada Asfaltico, Parte 2. (Bituminous Seal Coat, Part 2).
D/C-103 Asphalt Concrete Paving Inspection.
D/C-104 Asphalt Concrete Plant Inspection.
M/O-110 Asphalt Crack Treatment.
D/C-242 Asphalt Emulsions & Their Uses
M/O-131 Asphalt Extraction Testing.
D/C-220 Asphalt Paving Inspection.
D/C-218 Asphalt Paving Inspection. Pothole Repair.
M/O-157 Asphalt Roadway Rehabilitation.

B
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D/C-240 Bituminous Concrete Paving - Parts I, II, & III
D/C-122 Bituminous Construction Procedures.
D/C-123 Bituminous Plant Inspection, 2 Parts.
D/C-124 Bituminous Seal Coat.
M/O-135 Blading Unpaved Roads.
S/T-109 Breakaway Sign Program.
M/O-172 Bridge Evaluation and Posting
D/C-243 Building The Notched Wedge Joint

C
M/O-181 Carbide Grinding
P/A-116 Caution, Litigation Ahead: “The Road to Effective Risk Management”
M/O-159 Chip Seal Application.
D/C-105 Chip Seal, Prime, Flush and Tack Coat Inspection.
S/T-220 City Maintenance Operations.
M/O-144 Cleaning and Clearing of Bridges.
M/O-145 Cleaning of Lined Ditches, Culverts and Catch Basins.
M/O-169 Comcore Roadplate System.
CDL-103 Commercial Drivers License Series-Part 2D.
CDL-101 Commercial Drivers License Series-Parts 1, 2A, 2B.
CDL-102 Commercial Drivers License Series-Parts 2C, 2D, 3, 4.
VBT-101 Communicating Your Public Works Image with Power
M/O-146 Concrete Bridge Deck Repair.
M/O-108 Concrete Bridge Protection, Repair and Rehabilitation.
D/C-130 Concrete Bridge Railings. The Modified Three Beam Guardrails. Cable Guard Rails
D/C-106 Concrete Paving Inspection.
D/C-232 Concrete Rehabilitation – Early Opening of Full-Depth Concrete Repairs.
D/C-230 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs – Bridge Deck Overlays.
D/C-229 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs – Concrete Pavement Overlays.
D/C-231 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs – Full-Depth Repair of Jointed Concrete Pavement
D/C-228 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs – Introduction of Rehabilitation of Highway Concrete.
D/C-233 Concrete Rehabilitation/Early Opening of Full-Depth Concrete Repairs – Partial-Depth Repair of Concrete Pavement.
P/A-119 Construction Management Systems Series
M/O-170 Contract Maintenance Series
SL/T-103 Control De Trafico Para Zonas De Trabajos De Mantenimiento, Parte 1. (Traffic Control For Maintenance Work Areas, Part 1.)
SL/T-104 Control De Trafico Para Zonas De Trabajos De Mantenimiento, Parte 2. (Traffic Control For Maintenance Work Areas, Part 2.)
D/C-131 Converting To The Metric System, Tape 1.
D/C-132 Converting To The Metric System, Tape 2.
Insertion for Load Transfer at Mid Panel Crack Retrofitted Load Transfer Devices
S/T-127 Flagging.
EO/M-106 Front-End Loader Operation, Part 1.
EO/M-107 Front-End Loader Operation, Part 2.
S/T-136 Functional Requirements of Safety Features I.
S/T-137 Functional Requirements of Safety Features II.

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