

VDOT Training Partnerships: A Sure Cure for the Wintertime Blues

VDOT Building a Regional Training Partnership...

VDOT Hampton Road Public Works Academy

Cities & Association Members

- Virginia Beach
- Norfolk
- Portsmouth
- Chesapeake
- Newport News
- Hampton
- Franklin
- Suffolk
- HRSD
- Ile Wight County
- Southampton County
- SPSA
- APWA Chapter

VDOT Hampton Road Public Works Academy

Vocational Center
Pruden Center for Industry and Technology

Colleges
Thomas Nelson Community College
Paul D. Camp Community College
Tidewater Community College

Businesses
URS Corporation
Woolpert

State Government
Virginia LTAP Center - UVA
VDOT Learning Center – Maintenance Training Academy

VDOT

A Wise Man once said
"Who else would be best to train our folks (municipal employees) than the people who give us the money to maintain their streets."

VDOT Hampton Road Public Works Academy

VDOT Maintenance Training Academy
Courses Offered 2005-06

Snowplow Operations Training
Approximately 100 employees from the Academy Cities have received this training. All the Hampton Roads Cities have used this training material for their employees during tailgate sessions and "all hands" meetings.

Basic Instructor's Course
Currently 32 employees from the Academy Cities
The Academy has established Training Calendar, utilizing these instructors to deliver the MTA Programs.

VDOT

**VDOT
Learning
Center**

Maintenance Training Academy

VDOT

S.O.T.

SNOW OPERATIONS TRAINING

VDOT **SNOW OPERATION TRAINING**

PURPOSE:

- The purpose of this training is to provide employees who do not normally operate equipment on a regular basis the general knowledge and skills needed to perform basic maintenance and operational tasks related to snow removal operations safely, efficiently, effectively, and with minimal supervision.
- This is also a good refresher course for veteran operators

VDOT **SNOW OPERATIONS TRAINING**

Course Goal:

- For the student to have the general knowledge and basic skills to perform Snow Removal Operations safely, efficiently, and effectively when this course is finished.

VDOT **SNOW OPERATIONS TRAINING**

Snow Operations Training is a 3-Day Class

Course Topics:

- Terms and Equipment**
- Snow Removal Safety**
 - Personnel and Equipment Safety
- Preventive Maintenance**
 - Checking the Truck
 - Checking the Plow and Spreader
 - Checking the Loader

VDOT **SNOW OPERATIONS TRAINING (CONT'D)**

- Dump Truck Operations**
 - Basic Operations
 - Dump Truck Controls
 - Operating the Dump Truck
 - Operating Precautions
 - Shutting Down the Dump Truck
- Plow & Spreader Operations**
 - Plow & Spreader Controls
 - Snow Removal Procedures
 - Installing Chains
 - Attaching & Detaching Plow
 - Spreader Operations
 - Snow Removal Prep and Methods

VDOT SNOW OPERATIONS TRAINING (CONT'D)

Front End Loader Operations
Basic Operations

- FEL Controls
- Operating the FEL
- Operating Precautions
- Shutting Down the FEL

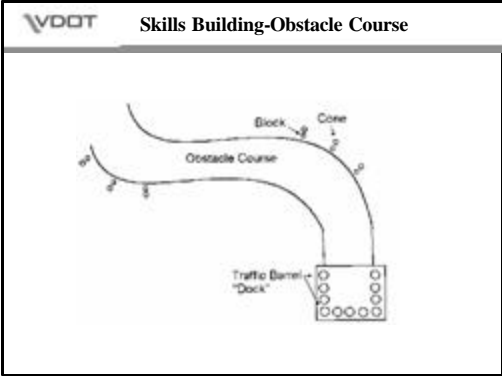
VDOT Skills Building

Equipment Skills Building

- Hands on training on each piece of Equipment to include install-removal of Plow & Spreader
- Cone Courses
- Skills Building is Critical
- Skills Building must be documented and signed off by Instructor utilizing Skills Building Forms
- Skills Building Documentation retained by Agency

VDOT Skills Building-Obstacle Course

- Important part of Skills Building is the Obstacle Course
- Snow Plow
- Dump Truck
- 8 Wooden Blocks (4"x4"x8")
- 12 Cones
- Traffic Barrels (or cones) for "Dock"



VDOT MANUAL MODULES

Equipment Manuals have 5 primary modules:

Equipment Safety

- Describes how to use the equipment safely. Basic safety concerns are also covered.

• Equipment Design

- Covers basic equipment design, features and definitions

VDOT **MANUAL MODULES (CONTD.)**

Preventive Maintenance

- Describes VDOT's preventative maintenance process in detail

• **Equipment Operation**

- Describes equipment functions and operation. The operation of levers, controls and other features is covered.

VDOT **MANUAL MODULES (CONTD.)**

Skill Building

- Details a number of hands-on, practical exercises designed to enhance learning. The exercises' logical sequence provides opportunity for skill repetition.

VDOT **INDIVIDUAL MANUALS**

- Asphalt Lay Down Paver
- Backhoe—Basic
- Basic Equipment Operator
- Basic Instructor's Course
- Crack Sealer
- Extension Arm Mower
- Force Feed Loader
- Front End Loader
- General Safety Awareness
- Liquid Asphalt Distributor—Tow Behind

VDOT **INDIVIDUAL MANUALS (CONT.)**

- Liquid Asphalt Distributor—Truck Mounted
- Maintenance Contract Monitoring
- Motor Grader—Basic
- PCMS (Message Board)—Basic
- PCMS (Message Board)—Programming
- Snow Operations
- Standard Dump Truck
- Tandem Dump Truck
- Telescoping Excavator

VDOT **INDIVIDUAL MANUALS (CONT.)**

- Tractor with Attachments
- Truck Mounted Attenuator
- Work Zone Safety

VDOT **Contact Information**

Don Lint
 City of Norfolk, VA - Department of Public Works
 2205 McKann Ave
 Norfolk, VA 23509
 Office: 757-823-4050
 Email: don.lint@norfolk.gov

Glenn Longworth
 City of Norfolk, VA - Department of Public Works
 2205 McKann Ave.
 Norfolk, VA 23509
 Office: 757-823-4050
 Email: glenn.longworth@norfolk.gov

Steve Scherr
 Director of Training
 VDOT Learning Center-Maintenance Training Academy
 P.O. Box 336
 Thornburg, Va 22565
 Office: 540-882-7301
 Email: Steve.Scherr@VDOTVirginia.gov

