

Technology and Damage Prevention

Steve Light
August 6, 2014



Challenges for the Industry

- Varying state legislation
 - Differing bordering state laws
 - Need for education for out of state excavators

PHMSA Grant

- VA811 applied for a US DOT – PHMSA Grant
 - Excavator Computer Based Training Course
 - Online Training Course
 - Anyone planning on excavating in Virginia

PHMSA Grant – Governor Endorsed



COMMONWEALTH of VIRGINIA
Office of the Governor

Robert F. McDonnell
Governor

February 18, 2013

Mr. Warren Osterberg
Contracting Officer
U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration
1200 New Jersey Avenue, SE
Washington, DC 20590

Dear Mr. Osterberg:

The purpose of this letter is to inform you that Virginia Utility Protection Service, Inc. (VUPS) is the appropriate state authority within the Commonwealth of Virginia to receive any grants under Section 2 of the Pipeline Inspection, Protection, Enforcement and Safety Act of 2006.

Sincerely,

A handwritten signature in cursive script that reads "Robert F. McDonnell".

Robert F. McDonnell

PHMSA CBT Grant Awarded

GRANT AGREEMENT DTPH56-13-G-PHPS08

GRANT AGREEMENT

BETWEEN

VIRGINIA UTILITY PROTECTION SERVICE, INC.

AND

THE U.S. DEPARTMENT OF TRANSPORTATION
PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION

CONCERNING

“State Damage Prevention (SDP) Grants - 2013”

Agreement No.: DTPH56-13-G-PHPS08

Total Amount of the Grant Agreement: \$100,000.00

Government Funds Obligated: \$100,000.00

PHMSA Line of Appropriation: 5172313DA0.2013.PSGRT03020.50D0204000.41050 \$100,000 PR#: 956-13-0055

Authority: This agreement is entered into between the United States of America, represented by the U.S. Department of Transportation (DOT), Pipeline and Hazardous Materials Safety Administration (PHMSA), and the Virginia Utility Protection Service, Inc. (VUPS), pursuant to 49 U.S.C. §60134 (State Damage Prevention Programs), most recently reauthorized in the Pipeline Safety, Regulatory Certainty, and Job Creation Act of 2011, Public Law 112-90, (January 3, 2012).

VIRGINIA UTILITY PROTECTION SERVICE, INC.
(VUPS)



Signature

Rick Perinich
Name and Title
VUPS President
Date 9/10/13

U.S. DEPARTMENT OF TRANSPORTATION
PIPELINE AND HAZARDOUS MATERIALS
SAFETY ADMINISTRATION (PHMSA)



Signature
Contracting Officer

9/19/13
Date

9/15/13
Effective Date

CBT – Team Selected

- Team consisting of
 - VA811
 - State Corporation Commission
 - Operators
 - Locators
 - Excavators

CBT Team Goals

- Define Project Scope
 - Training Modules
- Gather Training Data/Materials
- Select Vendor
- Review Project Deliverables

CBT Project Scope - Phases

- Phase I
 - Virginia's CARE Message
 - Provision for Settlement training
- Phase II
 - Additional Excavator training

CBT Phase I

- Settlement Training
 - Proctored
 - Online training
 - Testing
 - Randomized
 - Certificate upon successful completion

CBT Phase II – Excavator Training

- Non-proctored
- Randomized testing
- Certificate upon successful completion
- Digital QR Wallet Cards

Phase II Training Modules

- Ticket Types
- Ticket Scope
 - Specific Location
 - Ticket Size
 - Ticket Duration
- Positive Response
 - What does it mean
 - How to gain access
 - Excavator required to check
- Hand Digging Best Practices
- Marking Standards
 - Color codes
 - Best practices
 - What do the marks mean
 - 3 letter utility operator designator
 - Field contacts on PRS
- Trenchless Technology
 - Case Bore
- Utility damage resulting in an emergency
- Emergency Excavation
- Excavator Site Inspection
- Operators responsibilities for abandoned utility lines
- Utility Line Depth requirements
 - Utility line separation
- Maximum Depth Guidelines for Installing Utility Lines
- Private sewer laterals
- Enforcement
 - Process
 - Notice of Investigation
 - Notice of Probable Violation
 - Advisory Board

Additional Features

- “Check on Learning” questions
- Testing

Reports & Digital QR Cards

- Company
 - Number of employees
 - Employee
 - Training modules taken
- Regions
- Tracking/Trending of Training

- Digital Wallet Card



More Access

- One-calls are doing more with HTML5 programming
- Provides access from multiple devices
 - Laptops
 - PC's
 - Tablets
 - Smart Phones
- Uses
 - Ticket Entry
 - Positive Response
 - Mobile Websites

- Thank You!

Steve Light
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