

2016 State Damage Prevention Program Grants Final Report
CFDA Number: 20.720

Award Number: DTPH5616GSDP09

Project Title: State Damage Prevention (SDP) Program Grants - 2016

Date Submitted: *September 29, 2017*

Submitted by: *Rick Pevarski*

Specific Objective(s) of the Agreement

The development of a Computer Based Training (CBT) course on the Virginia Underground Utility Damage Prevention Act (Act), funded by the PHMSA SDP DTPH56-13-G-PHPS08 grant in 2014 proved to be a successful mechanism for educating both excavators and homeowners on the ACT. Participation to date includes over 3,000 users representing 168 companies who have taken the course. The course is available to all stakeholders from most mobile devices. Due to the success of the course, Virginia Utility Protection Service, Inc. has received numerous requests from excavators, locators and the Virginia State Corporation Commission to develop additional content to the CBT and to create a Spanish version of the course. The new content includes the following:

1. Committee Policies
2. Marking Standards/Locating
3. Hand Digging Best Practices
4. Financial impact of damage
5. Web Ticket Entry training
6. Spanish translations of current and new modules.

Workscope

Under the terms of this grant agreement, Virginia Utility Protection Service Inc. addressed the following applicable elements listed in the approved application, pursuant to 49 U.S.C. §60134 (a),(b).

- **Element 1 (Effective Communications):** Participation by operators, excavators, and other stakeholders in the development and implementation of methods for establishing and maintaining effective communications between stakeholders from receipt of an excavation notification until successful completion of the excavation, as appropriate.
- **Element 4 (Effective Employee Training):** Participation by operators, excavators, and other stakeholders in the development and implementation of effective employee training programs to ensure that operators, the one-call center, the enforcing agency, and the excavators have partnered to design and implement training for the employees of operators, excavators, and locators.
- **Element 5 (Public Education):** A process for fostering and ensuring active participation by all stakeholders in public education for damage prevention activities.

- **Element 8 (Technology):** A process for fostering and promoting the use, by all appropriate stakeholders, of improving technologies that may enhance communications, underground pipeline locating capability, and gathering and analyzing information about the accuracy and effectiveness of locating programs.

Accomplishments for the grant period (Item 1 under Agreement Article IX, Section 9.02 Final Report: “A comparison of actual accomplishments to the objectives established for the period.”)

Virginia Utility Protection Service, Inc. completed all objectives identified for the grant. The below list denotes the additional content added to the Computer Based Training Course (CBT):

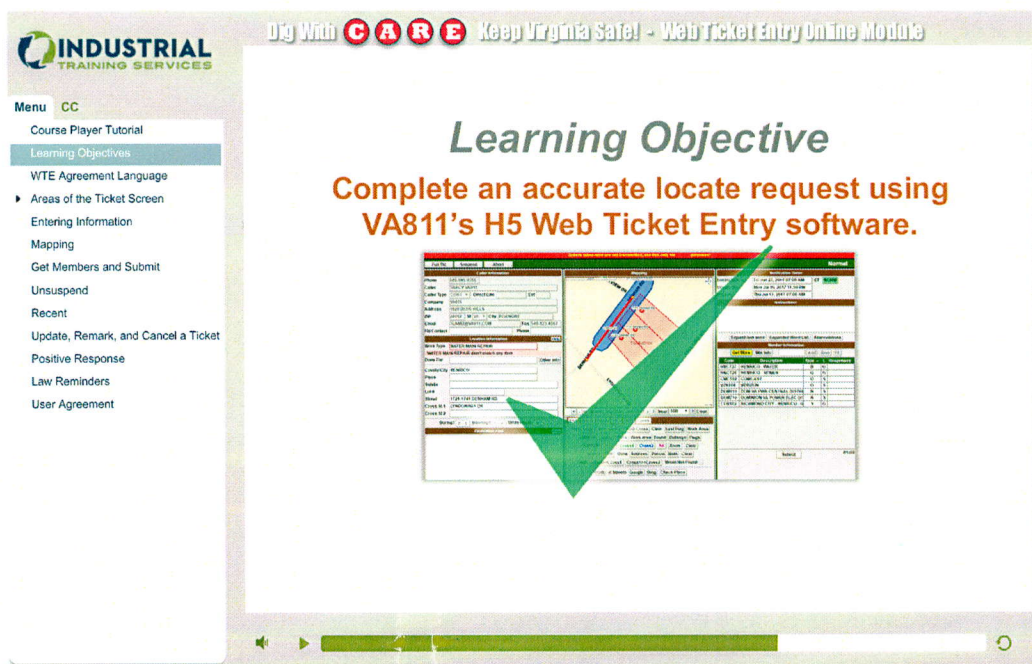
The new content includes the following:

1. Committee Policies
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After the completion of the course and test, users are now able to see the missed questions to aid as a guide to help them review the content.

In addition to the new content, two complete CBT courses were designed. A Web Ticket Entry training course and a Spanish version of the Dig with Care course were added. Below are some screen shots denoting the new courses added to the Computer Based Training:

Web Ticket Entry Training Course:



Spanish Course:



Menu CC

- Tutorial del Reproductor del Curso
- Objetivos de Aprendizaje
- Virginia Underground Utility Damage Prevention Act (Decreto de Prevención de Daños a Servicios Públicos Subterráneos de Virginia)
- Llame antes de excavar
- Duración de la Solicitud de Excavación
- Extensión del Área de Trabajo
- Ejercicio 1
- Ejercicio 2
- Ejercicio 3
- Ejercicio 4
- Ejercicio 5
- Aguarde el Tiempo Requerido para Marcar
- Para Acceder al Sistema de Respuesta Positiva de Virginia
- Ejercicio 6
- Ejercicio 7
- Ejercicio 8
- Ejercicio 9
- Respete y proteja las marcas
- Antecedentes de los Estándares de Marcado de Virginia



Términos y Condiciones

La siguiente presentación tiene propósitos exclusivamente educativos.

La presentación se refiere a secciones del Virginia Underground Utility Damage Prevention Act (Decreto de Prevención de Daños a Servicios Públicos Subterráneos de Virginia), las Virginia State Corporation Commission's Rules for Enforcement of the Underground Utility Damage Prevention Act (Reglas para el Cumplimiento del Decreto de Prevención de Daños a Servicios Públicos Subterráneos de la Comisión para la Corporación del Estado de Virginia), y las Virginia's Underground Utility Marking Standards and "Best Practices" ("Buenas Prácticas" y Estándares de Marcación para Servicios Públicos Subterráneos).

Para continuar, acceda a los términos antes mencionados marcando la casilla "Estoy de Acuerdo"

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Quantifiable Metrics/Measures of Effectiveness (Item 2 under Article IX, Section 9.02 Final Report: "Where the output of the project can be quantified, a computation of the cost per unit of output.")

This grant has enabled Virginia to provide additional online training including but not limited to the Spanish stakeholders and stakeholders who would like to learn how to enter tickets through the Virginia Web Ticket Entry program online.

This year, 1,438 stakeholders and homeowners have used the Computer Based Training course.

Issues, Problems or Challenges (Item 3 under Article IX, Section 9.02 Final Report: "The reasons for slippage if established objectives were not met.")

There are no issues, problems or challenge to report.

Final Financial Status Report

Deliverable	Cost	Object Class Category
Virtual cloud database setup and access	\$20,000	Contractual
Edits and configuration updates	\$5,000	Contractual
New Web Ticket Entry training module development	\$35,000	Contractual
New Exam development	\$ 8,000	Contractual

AGREEMENT # DTPH5616GSDP09
ATTACHMENT 2B

Translation of Course and exam to Spanish	\$32,000	Contractual
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See Appendix A – Final Financial Status Report for invoices and payments and SF 425.

Requests of the AOR and/or PHMSA

No actions requested at this time.

Appendix A - Final Financial Status Report

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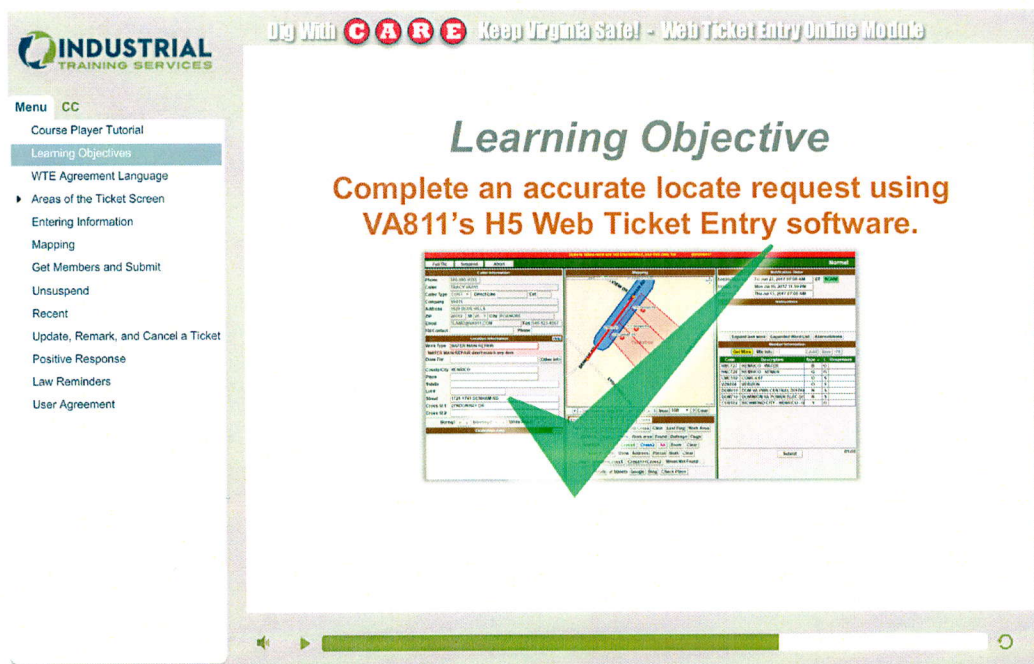
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