

**2018 State Damage Prevention Program Grants Final Report**  
**CFDA Number: 20.720**

**Award Number:** 693JK31840015PSDP  
**Project Title:** Michigan Public Service Commission State Damage Prevention Grant  
**Date Submitted:** November 12, 2019  
**Submitted by:** David Chislea, Principal Investigator

**Specific Objective(s) of the Agreement**

Under this grant agreement, Michigan Public Service Commission (MPSC) will assist in compliance with Public Act 174 of 2013 (PA 174). Specifically, to host workshops for contractors and facility owners, as well as host training for the Web Ticket Management (WebTM) system available to the MISS DIG 811 membership; and implement a permitting program that will integrate the state's one-call system with the municipality's excavation permit process.

**Workscope**

- **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 2 (Comprehensive Stakeholder Support):** A process for fostering and ensuring the support and partnership of stakeholders, including excavators, operators, locators, designers, and local government in all phases of the program.
- **Element 3 (Operator Internal Performance Measurement):** A process for reviewing the adequacy of a pipeline operator's internal performance measures regarding persons performing locating services and quality assurance 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.")**

**Element 1 –Effective Communications**

- The MPSC entered into a contractual agreement with MISS DIG 811 System, Inc. (MISS DIG) to perform the work set forth in Element 1.
- MISS DIG hosted 69 out of the 58 proposed regional workshops, these workshops promoted MISS DIG's Safety Management System program module on identifying excavation without one-call notification (without marks) emphasizing data collected by the MPSC and the enforcement trends and practices that they have been involved. The

interactive audience response system purchased by MISS DIG was used to measure the effectiveness of this education.

- The MISS DIG Education Team hosted workshops during the slower excavation season. The workshops utilized the interactive audience response clickers to certify attendees on the MISS DIG program content. Workshop group sizes were limited to the number of interactive audience response units available.

## **Element 2 – Comprehensive Stakeholder Support**

- The MPSC entered into a contractual agreement with MISS DIG to perform the work set forth in Element 2.
- MISS DIG continued the implementation of the MISS DIG system by providing training and support to the software users. MISS DIG provided software training in 10 geographically separated workshops: Alpena, Holland, Frankenmuth, Ionia, Adrian, Niles, Detroit, Sault Saint Marie, Houghton/Hancock, and Manistee/Charlevoix/Traverse City. These workshops made use of the attendees' time by providing in person support and training on multiple aspects of damage prevention and additional MISS DIG products. As discussed in Element One, MISS DIG also offers Remote Member Access and Design and Remote Ticket Entry. These programs are assets to all stakeholders as they increase communication; however, proper use and understanding of each tool will increase their effectiveness. These workshops were whole day events and broken into two segments. The first segment is an introduction and certification into the MISS DIG system. The second segment invited other stakeholders to present, including, but not limited to the gas and electric utilities, private locators and other excavation areas. There were also presentations on Gold Shovel Standard and MISS DIG Member Services.
- The 10 workshops were completed to train users on the updated WebTMS program as well as other portions of the MISS DIG system.

## **Element 3 – Operator Internal Performance Measurement**

- The MPSC entered into a contractual agreement with MISS DIG to perform the work set forth in Element 3.
- MISS DIG worked with PelicanCorp to implement a pilot program to integrate the MISS DIG system to the PermitAccess program utilized by municipalities for their excavation permitting process in the right-of-way. This permitting program allowed users to utilize the state's one-call system and the municipality's permitting program at the same time. With the inclusion and integration of an excavation permit process with the MISS DIG system, contractors will be more engaged with the service for more than just the dig ticket. The municipal utility members will be engaged and leverage the dig ticket for more than just locates and mark outs. Most importantly, the integration of this process provided a platform for greater exchange and coordination between the contractors and municipal utilities.
- MISS DIG has been working with the City of Flint Downtown Development Authority, and has provided presentations on the software's operation. The pilot program is waiting

on approval to continue and is expected to continue through the remaining months of 2019.

**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.”)**

**Element 1**

- A total of 69 of 58 proposed workshops were completed. These workshops have certified a total of 1297 attendees.

**Element 2**

- There were 10 all-day workshops conducted. These workshops had 189 total attendees.

**Element 3**

- The pilot permitting program began on April 2019 and will continue through the remainder the of 2019.

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

- On November 19, 2018, the MPSC had submitted a request for modification to this grant, which was to remove the proposed project for Element Five – Public Education. This modification was made to best utilize the available funding.
- No issues, problems, or challenges have arisen with the grant objectives.

**Final Financial Status Report**

A total of \$ 50,890.65 of the \$ 55,619.00 grant award was spent during the term of the grant.

The following documents supporting the grant expenditures are attached:

- SF 425 (Federal Financial Report)
- MPSC Cost Breakdown

**Requests of the AOR and/or PHMSA**

- No actions requested at this time.