

**2019 State Damage Prevention Program Grant Final Report**  
**CFDA Number: 20.720**

**Award Number:** 693JK31940011PSDP  
**Project Title:** State Damage Prevention (SDP) Program Grants - 2019  
**Date Submitted:** December 15, 2021  
**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, fund enforcement, education, training, communication, support, analysis, partnership, and mediation activities associated with its damage prevention program by creating a mobile unit to travel the state in order to educate families and children about the importance of contacting 811 before any excavation.

**Workscope**

- **Element 5 (Public Education):** A process for fostering and ensuring active participation by all stakeholders in public education for damage prevention activities.

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

**Element 5 – Public Education**

- The MPSC entered into a contractual agreement with MISS DIG System, Inc. (MISS DIG) to perform the work set forth in Element 5.
- MISS DIG purchased a 2020 Ford Transit van. Customizations were completed on the interior and exterior of the EMU (Educational Mobile Unit) vehicle. Customizations included hands on activities with a realistic outside landscape on the inside of the van, a hands-on digging pit, Plinko board with the unified color code (blue, red, yellow, green), Cornhole using the unified color code, three monitors to watch safe digging videos, interactive floor with trench and utility sounds, portable generator, and MISS DIG tent to hold the virtual reality game from the 2018 SDP grant.
- MISS DIG purchased supplies to reward and engage younger audiences. The supplies purchased included superhero capes, hard hats, coloring books, crayons, and superhero passport to underground safety.
- MISS DIG’s education team is scheduling locations and days to educate the public. The goal is to travel to areas of higher damage rates to educate, train, and provide awareness for school-age children, the general public, excavators, locators, and facility owners about the importance of 811 and calling before you dig.

**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 5**

- The Educational Mobile Unit (EMU) van and customization was completed.
- Supplies to reward and engage younger audiences were purchased for approximately 2,000 participants.

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

- The van and customization came in above the original amount requested. It was determined that All-Wheel drive was desirable as well as a higher ceiling in order to accommodate taller guests. With these increased costs, MISS DIG decided to forego the trailer until a later time outside of the grant. MISS DIG will also decrease the amounts of promotional items purchased.
- Due to the Coronavirus pandemic there was a delay to receive electronical components which delayed the completion the van.
- On August 3, 2020, the MPSC submitted a request for modification to this grant, to extend due to the Coronavirus pandemic.
- No issues, problems, or challenges have arisen with the grant objectives.

**Final Financial Status Report**

- A total of \$100,000.00 of the \$100,000.00 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.