

Problem

• Spinners are often stored in piles on the ground outside which causes them to rust and degrade.

Solution

- Spinner rack will store the spinners in an organized manner, off the
- ground, and ideally out of the elements.
- Spinners can be more easily maintained on the rack.



Problem

There is no standard for recognizing years of service upon retirement.

Solution

- Award State of Indiana flag flown at the local reporting location as a retirement gift.
- Place in appropriate display case featuring years of service and message of appreciation.

Idea: Circuit Tester w/Breaker **Submitter: Robert Spencer Greenfield District**





Problem

- Light fuses short out.
- The current process of diagnosing where the short is located wastes multiple fuses.

Solution

- The circuit tester replaces the use of inline fuses during testing.
- The breaker trips and can be reset.
- More testing may be performed to find the location of the problem at a lower cost.

2024 Innovation Champion Nominees

Todd May, INDOT Director of Innovation Mitch Ison, Innovation Coordinator **Rhoni Oliver, Innovation Coordinator**

Idea: Integrated Uniform Snow & Ice Training Submitters: Milt McCoy & Keith Norred- LaPorte District Adam Szynal & Allison Claypoole - Central Office Pat Szewczak, Ashley Roe & Steve Holley - Greenfield District Steve Smith & Megan DeLucenay - Crawfordsville District



- Current snow and ice training is not uniform across the state.
- Some classes are more dynamic and engaging than others.
- Material is not always district specific.

Solution

- Uniform curriculum will include all necessary information in a dynamic format.
- Training will include options for district specific materials. Interactive education will include truck inspections, preventative
- maintenance, and trouble shooting tips. Snowplow simulators will be utilized during training.
- Tenured employees will be asked to mentor new employees during their
- first snow season.



Problem

Use of multiple tests or less efficient measurement tools for volume of concrete, cage alignment, shaft shape, etc.

Solution

- Thermal Integrity Profile Test collects information and tests the entire volume of concrete, cage alignment, estimated shaft shape, necks (bulges or inclusions), concrete cover, and overall quality of concrete.
- The values gained from the use of the TIP Test are shaft serviceability, durability, and strength of the bridge substructures which are needed for quality lifespans of the structures.
- **Receive increased value of information at overall lower cost.**



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bed, so you can see and access equipment in truck bed safely at night.