



pennsylvania

DEPARTMENT OF TRANSPORTATION

LOCAL TECHNICAL ASSISTANCE PROGRAM

2017 Build a Better Mousetrap Winners

Recognizing Innovative Inventions and Improvements

PennDOT Local Technical Assistance Program

Pennsylvania LTAP BUILD A BETTER MOUSETRAP COMPETITION

The Build a Better Mousetrap Competition's purpose is to collect and disseminate real world examples of best practices, tips from the field, and assist in the transfer of technology. This competition is a fantastic way for innovative ideas to be exchanged with others that may benefit from different concepts and perspectives. It is also a great way for local and county transportation workers and other LTAP/TTAP clients to get some well earned recognition for their hard work.



2017 Build a Better Mousetrap Winners

Recognizing Innovative Inventions and Improvements

PennDOT Local Technical Assistance Program



This is **PennDOT LTAP's 7th year participating** in the Build a Better Mousetrap Competition.

The Build a Better Mousetrap Competition is sponsored by the National LTAP Program and it looks for projects that our local municipal employees designed and built.



2017 Build a Better Mousetrap Winners

Recognizing Innovative Inventions and Improvements

PennDOT Local Technical Assistance Program



Submissions can be anything from the development of tools, equipment modifications, or changes to processes that:

- Reduce cost
- Improve efficiency
- Improve the quality of transportation
- Increase safety for workers and drivers

2017 Build a Better Mousetrap Winners

Recognizing Innovative Inventions and Improvements

PennDOT Local Technical Assistance Program



PA LTAP received a total of **20** submissions!

That is the most submissions LTAP has received in the seven years participating in the program.

The advisory committee has the task of reviewing and scoring each submission. The following items are scored:

- ❖ Cost
- ❖ Savings/Benefits to the community
- ❖ Ingenuity
- ❖ Transferability to others
- ❖ Effectiveness



2017 Build a Better Mousetrap Winners

Recognizing Innovative Inventions and Improvements

PennDOT Local Technical Assistance Program



15 Municipalities 20 Entries

- 1) Cornplanter Township, Venango County, Township-Made Meter Pits
- 2) Cranberry Township, Butler County, Grit Hopper Modifications
- 3) East Lampeter Township, Lancaster County, Buggy Horse Track Paver
- 4) East Pikeland Township, Chester County, The Armadillo Cover
- 5) Eden Township, Lancaster County, Run Box
- 6) Elk Township, Clarion County, Road Widener
- 7) Ferguson Township, Centre County, Boom Arm Strike Off Tool
- 8) Franklin Township, Chester County, Coring Machine
- 9) Horsham Township, Montgomery County, The Lift Assist for Wheels (LAW)
- 10) New Hannover Township, Montgomery County, Tree Basket, Debris Blower, Chipper Box, Tree Work Trailer, Spray Basket
- 11) Montgomery County, South Manheim Township, Schuylkill County, The Bounty (The quicker picker upper)
- 12) Upper Tulpehocken Township, Berks County, Exterior Tool Carrier
- 13) Ward Township, Tioga Township, Ditching Attachment
- 14) West Penn Township, Schuylkill County, Auger Rotation Guide
- 15) Whitehall Public Works, Lehigh County, Salt Shed Curtain Entrance Cover 40 feet and Snow Removal Solution for LED Traffic Lights

2017 Build a Better Mousetrap Winners

Recognizing Innovative Inventions and Improvements

PennDOT Local Technical Assistance Program



1st Place – Whitehall Township, Lehigh County

Salt Shed Curtain Entrance Cover 40 ft.



2017 Build a Better Mousetrap Winners

Recognizing Innovative Inventions and Improvements

PennDOT Local Technical Assistance Program



Runner Up – Horsham Township, Montgomery County

The L.A.W. (Lift Assist for Wheels)



2017 Build a Better Mousetrap Winners

Recognizing Innovative Inventions and Improvements

PennDOT Local Technical Assistance Program



Runner Up – South Manheim Township, Schuylkill County

The Bounty (The quicker picker upper)



2017 Build a Better Mousetrap Winners

Recognizing Innovative Inventions and Improvements

PennDOT Local Technical Assistance Program



1st Place – Whitehall Township, Lehigh County

Salt Shed Curtain Entrance Cover 40 ft.

Runner Ups

Horsham Township, Montgomery County

The L.A.W. (Lift Assist for Wheels)

South Manheim Township, Schuylkill County

The Bounty (The quicker picker upper)

