

STIC COMMUNICATION & OUTREACH EFFORTS

- ▶ Assistant Commissioner's Announcements
- ▶ “Build a Better Mousetrap Competition”
- ▶ 20th Annual Research Showcase



Assistant Commissioner's Updates

2018 AASHTO Annual Meeting – Atlanta, GA
2018 President's Award for Aviation

Glenn G. Stott
New Jersey Department of Transportation

CONGRATULATIONS

Glenn G. Stott
Program Specialist 3
Bureau of Aeronautics
Multi-Modal Services, PMGA



BUILD A BETTER MOUSETRAP COMPETITION

Employees of local or state public transportation agencies often find better ways to do their jobs.



Made two presentations at the monthly **Operations Management Meeting** in April and May.

Deadline to submit entries was June 1st, 2018.

Received several submissions

**THANK YOU
FOR ALL
SUBMITTED
ENTRIES!**



NEW JERSEY STC  

Entry Form

Think you've built a better mousetrap? Fill out the entry form below to submit your innovation! We look forward to receiving your entries and best of luck to everyone!

Organization: _____

Contact Person: _____ Phone Number: _____

Email: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Entry Title: _____

Please check the category that this entry is being nominated for:

- Inspection and Data Collection (automated/remote means, testing, time)
- Asset Management Techniques (GIS, mapping, decision support systems)
- Maintenance Tools and Methods (lifters, reachers, modifications, assembly)
- Facilities Improvements (storage, access, operations, services)

Problem Statement: _____

BUILD A BETTER MOUSETRAP COMPETITION FINALIST

1. James P Nunn - HIGHWAY OPERATIONS – CENTRAL - TOMS RIVER MAINT. YARD

Entry Title: **The Roncovitz Post Pusher & Post Puller**

2. Richard Shaw - EQUIPMENT OPERATIONS – SOUTH – CHERRY HILL

Entry Title: **Extending the Life of Trucks and Equipment**

3. Donald Borer - EQUIPMENT OPERATIONS – NORTH – NETCONG

Entry Title: **Pintle Hook Fork Attachment**

New Jersey Department of Transportation 20th Annual Research Showcase

“Celebrating 20 Years of Showcasing Transportation Research”

Wednesday, October 17, 2018

Conference Center at Mercer County Community College
1200 Old Trenton Road
West Windsor, New Jersey



WHAT COMMUNICATION & OUTREACH EFFORTS HAVE YOU MADE?

HOW CAN WE HELP YOU SPREAD THE WORD?

NEW IDEA DISPOSITION REPORT



3rd Quarter 2018 (July-September)

Ten ideas were received

1. Ultimate fix for NJ construction
2. Keeping Right/Passing with Care- to save lives! Signage
3. New Safety Units for Regions
4. Smart Contract with Blockchain Technology
5. Safety

Forwarded to CIA team leaders



6. Traffic camera access on cell phone
7. New Tablets for use by Materials testing Personnel in the Field
8. Plug not patch potholes
9. Reduce Yearly Road Maintenance
10. Pintle Hook Fork Attachment

1. Traffic camera access on cell phone

Accessing all traffic cameras on a NJ web link for cell phones.

*Prescreening Recommendation:
Forward to Sal Cowan to determine if it is worthwhile, resources available*

2. New Tablets for use by Materials testing Personnel in the Field

A more convenient way to record data/information when performing materials testing in the field rather than using pieces of paper.

Forward this information to CIA-Infrastructure's Leader- Bob Signora for further investigation

3. Plug not patch potholes

4. Reduce Yearly Road Maintenance

Request for new ways to repair the pot holes.

Bureau of research currently pursuing research in advanced pot hole repair.

5. Pintle Hook Fork Attachment

To move trailer mounted equipment, there is a need to hook up to a truck equipped with a pintle hook. This creates a time issue, along with a space issue to get the truck in. Fabricate a pintle hook fork lift attachment to slide on the forklift for easy, time saving, space saving mobility.

*Prescreening Recommendation:
Forward to Sal Cowan to determine
if it is worthwhile, resources
available*

ROUNDTABLE DISCUSSION



1 TO 2 MINUTES EACH

ROAD DIET FEEDACK

EDC-5 INITIATIVES

1. Advanced Geotechnical Exploration Methods
2. Collaborative Hydraulics: Advancing to the Next Generation of Engineering (CHANGE)
3. Project Bundling
4. Reducing Rural Roadway Departures
5. Safe Transportation for Every Pedestrian (STEP)
6. Unmanned Aerial Systems (UAS)
7. Use of Crowdsourcing to Advance Operations
8. Value Capture: Capitalizing on the Value Created by Transportation
9. Virtual Public Involvement
10. Weather-Responsive Management Strategies

REMINDERS!



STIC Winter Meeting – December 18th at 10am in the NJDOT Multi-Purpose Room

Winter STIC Meeting: Feature Presentation by Mobility & Operations CIA Team

Potential Feature Topic –

Automated Traffic Signal Performance Measures

Potential Additional Topics –



THANK YOU!