

Pooled Fund Post

The Newsletter of the Roadside Safety Pooled Fund Program

<http://www.roadsidepooledfund.org>

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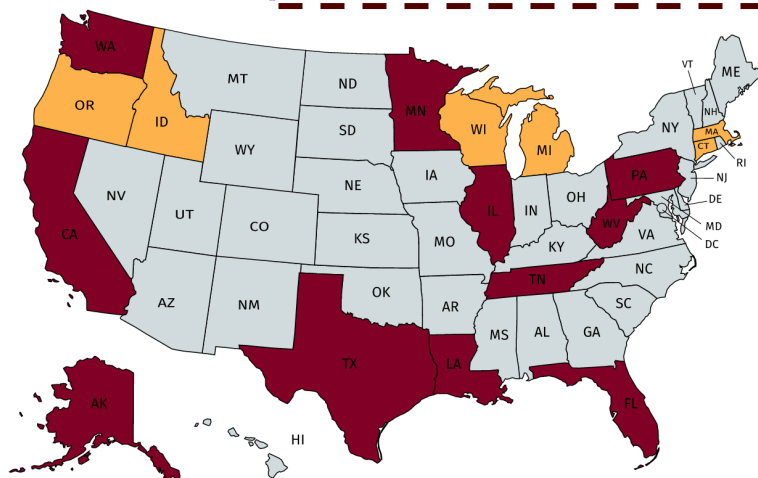
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The objective of the Roadside Safety Pooled Fund Program is to provide a cooperative approach to conducting research on roadside safety hardware. Emphasis will be placed on assisting State DOTs with their implementation of MASH and addressing other roadside safety needs of common interest.

Another objective of this pooled fund research program is information exchange. The program provides each participating state an opportunity to send a representative to an annual meeting to collaborate with other state DOT safety engineers to assess best practices, new regulatory issues, risk management strategies, and other matters pertaining to roadside safety. Participation in this meeting is funded through the state's annual program contribution.



We had the pleasure this year of partnering with six new states including Connecticut, Idaho, Massachusetts, Michigan, Oregon, and Wisconsin.

In October of 2016 Florida DOT hosted a meeting in Miami, FL with multiple representatives from each of the 17 DOTs. During the meeting plans were made and projects were prioritized for the upcoming year. The final list is reported below, together with the designated DOT representatives.

Prioritized Projects	DOT Representative
TL-4 CIP 42" Concrete Barrier Foundation Study	D. Sheppard (FL)
MASH Implementation Coordination Support	J. Petterson (WA)
Testing of a 31" Guardrail on a 1:1 Slope	D. Hardy/J. Hall (WV)
31" W-Beam Guardrail w/ Steel and Wood Posts in Concrete Mow Strip	M. Elle (MN)
T-Intersection Guardrail Test (a.k.a. Short Radius Guardrail)	C. Lindsey (TX)
31" MGS-Compatible Buried in Backslope Terminal	J. Jefferson (AK)
Testing of a 31" Guardrail System with Raised Blockouts	A. Hangul (TN)

The Roadside Safety Pooled Fund

Here's what we've all been waiting for! This is the link to the database which includes MASH testing of roadside safety hardware. Below is the home page for our database. The user-friendly search engine helps you to locate the exact type of device you're looking for.

An announcement of the website and MASH crash test database will be made at the AFB20 Committee Meeting at TRB in January 2017. Feel free to contact any of the people below for further information.

This link leads to the password-protected page shown to the right. It was created specifically for use by the Pooled Fund partners for various types of information exchange.

Title	Description	Proprietary/Non-proprietary	FHWA Eligibility Letter
T1F Bridge Rail	Tubular aluminum rails attached to steel posts mounted on steel plates spaced at 8-ft apart	Non-proprietary	
Safety Shape Bridge Rail	32-in New Jersey shape bridge rail	Non-proprietary	

- ◆ Still have questions about the new Pooled Fund website?
- ◆ Have information you want to share with us?
- ◆ Feedback to provide?

Follow this link and feel free to let us know!

Who to Contact

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Jeff Petterson—WsDOT
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What's on Your Wish List?

Description	Test Level	Other Notes	Submitting DOT	DOT Contact
Cast-in-Place Concrete Barriers				
Single Slope Shape		We have increasing interest in single slope - other states will need it — and we will consider using it, particularly if it has benefits in ease of construction or lighter weight (not so sure we'll get that), while safety performance comparable to F-shape.	AK	Jeff Jefferson jeff.jeffers@alaska.gov
Crash Cushions				
Bull nose	TL-3		TN	Ali Hangul Ali.Hangul@tn.gov

It's that time of year again!
Everyone is making their Wish Lists, even the Pooled Fund! In fact, we have two wish lists.

Testing Needs

Research Needs

Description	Test Level	Other Notes	Submitting DOT	DOT Contact
W-Beam Barriers				
The effect of anchorage on driveway radius and where they should be placed, if at all			ME	Dale Peabody Dale.Peabody@maine.gov
The effects of soil backing on MGS rail		Would be good to have solid information to use to determine what we should require for post length/offset to slope break from face of rail.	ME	Dale Peabody Dale.Peabody@maine.gov
Others				
A study documenting MASH evaluated TL-1 and TL-2 barrier systems			TN	Ali Hangul Ali.Hangul@tn.gov
Bicycle/pedestrian/ vehicle safe barrier design is still needed for Multimodal Design projects			TN	Ali Hangul Ali.Hangul@tn.gov

Participating Partners

ALASKA DOT
CALIFORNIA DOT
CONNECTICUT DOT
FLORIDA DOT
IDAHO DOT
ILLINOIS DOT

LOUISIANA DOT and Development
MASSACHUSETTS DOT
MICHIGAN DOT
MINNESOTA DOT
OREGON DOT
PENNSYLVANIA DOT
TENNESSEE DOT

TEXAS DOT
WASHINGTON STATE DOT
WISCONSIN DOT
WEST VIRGINIA DOT
FEDERAL HIGHWAY ADMINISTRATION
TEXAS A&M TRANSPORTATION INSTITUTE

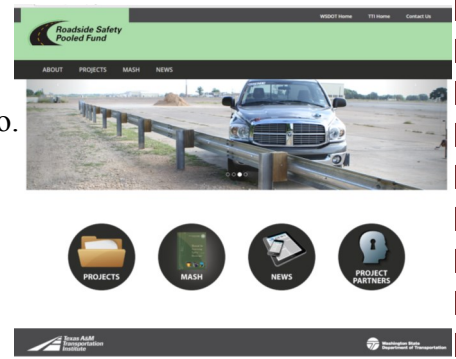
Did you Know...



The Roadside Safety Pooled Fund is launching a new website!

It will include:

- ◆ Complete and On-going Projects
- ◆ MASH Implementation Docs. & Info.
- ◆ MASH Crash Test Database
- ◆ Testing & Research Wish Lists
- ◆ Pooled Fund Newsletter



Website Link Coming Soon!!

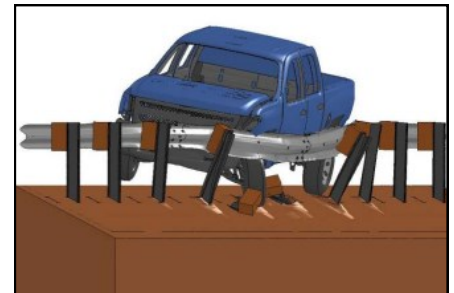
TTI Proving Grounds Research Facility



Crash Testing



Bogie Test Vehicle



Finite Element Analysis Simulation

The Proving Grounds Research Facility, a 2,000 acre complex, enables researchers to conduct experiments and testing with the ultimate goal of improving transportation safety. This site has large expanses of concrete runways and parking aprons well suited for experimental research and testing in the areas of vehicle performance and handling, vehicle-roadway interaction, durability and efficacy of highway pavements, evaluation of roadside safety hardware, and connected and automated vehicles.



TTI Proving Ground is an International Standards Organization (ISO) 17025 accredited laboratory with American Association for Laboratory Accreditation (A2LA) Mechanical Testing Certificate 2821.01.

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