

**Pooled Fund Study Participation Request**

<b>Solicitation or Pooled Fund Study #</b>	TPF-5(193)		
<b>Study Title</b>	Midwest States Pooled Fund Crash Test Program		
<b>Justification</b>	The FDOT Standard Plans Section in the State Roadway Design Office is tasked with monitoring and implementing standardized roadside safety hardware.		
<b>Impact</b>	Continued participation in the pooled fund will ensure that Department has access to the latest advancements and that it's interests are represented during the evaluation of crashworthy devices.		
<b>Funding Amount Requested Per Year</b>	\$65,000	<b>Anticipated Duration (# of years you wish to participate in study)</b>	3
<b>Technical Contact</b>	Derwood Sheppard, P.E., M.Eng., State Standards Plan Engineer		
<b>Implementability</b>	Score = 1	Comments* (consider both the likelihood of implementation and the length of time and resources required to implement the results of the research.) Identify any prerequisites to, requirements for, or barriers to implementing the anticipated results of this research (e.g., new or change to existing specifications, development of production units of prototype device, legislative change); please indicate if multiple phases of work shall be required	
<b>Project Benefits (Succinct, complete explanation)</b>			
<p>Continued participation in the Midwest States Pooled Fund Crash Test Program will be vital to the Departments plan for full implementation of roadside hardware which is compliant to the AASHTO Manual for Assessing Safety Hardware (MASH). In accordance with AASHTO/FHWA Joint Implementation Agreement for MASH, the current hardware utilized and represented in the Standard Plans will require significant redevelopment and crash testing. Without participation in the Pooled Fund the Department would have to either perform costly crash testing alone or adopt other designs, which may not meet the needs of the State.</p> <p>Participation will insure that the Departments interests are considered and that the results of research and testing can be applied to meet the requirements of the phased MASH Implementation Plan (i.e., in a timely manner). This research and testing includes, but is not limited to; traffic railings, longitudinal roadside barriers, attachments to barriers, breakaway devices and sign supports. The Pooled Fund will also develop a database of information for devices already tested to MASH to provide participating States the information needed to develop new Standards for compliant roadside hardware. Finally, the Pooled Fund provides the Department with expert advice and technical knowledge on a variety to roadside safety topics, which is an indispensable asset when making decisions about hardware acceptance.</p>			
<b>Project Benefits (Select all that apply and explain)</b>	<b>Quantifiable Benefits (units, dollars, etc...if applicable)</b>	<b>Methodology or Data Sources Used to Determine Quantifiable Benefits. If not applicable, please give justification of project benefits</b>	
<input type="checkbox"/> Materials Enhancement			
<input type="checkbox"/> Materials Savings			
<input type="checkbox"/> Time Savings			
<input type="checkbox"/> Lives Saved/Injuries Prevented			
<input type="checkbox"/> Other (Explain)			

\*Comments should explain and support participation in the pooled fund study, financial benefit, and implementability scores