

Fall 2016 Meeting - Voting Results: Funded and Unfunded Projects

	Project	Description	Status	Results of Last Year's Voting																				
				DOT1	DOT2	DOT3	DOT4	DOT5	DOT6	DOT7	DOT8	DOT9	DOT10	DOT11	DOT12	DOT13	DOT14	DOT15	DOT16	DOT17	Tot	Preliminary Cost (\$) (rough estimates, subject to change)	Total (\$)	DOT Representative
FUNDED	TL-4 on 42" barrier - CIP Foundation Study	Objective: to determine the minimum foundation requirements for a 42" tall barrier for TL-4 conditions.	This project did not start, as Texas funded a similar project. The need for any additional work (to supplement the Texas results) will be discussed under "ongoing projects, next steps". The budgeted funds will be added back into the "account".																			\$82,000	\$82,000	D. Sheppard (FL)
	Scorecard 3 support	Information gathering and organizing for the multiple scorecards that will be used at the annual meeting	Ongoing																			\$80,000	\$162,000	J. Petterson (WA)
	1:1 slope test(s) New project of an additional phase of prior project	Conduct full-scale crash testing MGS with 8" block-outs placed on a 1H:1V slope. Guardrail face aligned with the break point of the slope. Tests MASH 3-10 and MASH 3-11 will be conducted.	Crash tests planned for November 2017	8	6	7	4	5	9	9	5	5	10	9	6	8	6	10	N/A	9	116	\$97,400	\$259,400	D. Hardy/J. Hall (WV)
	31" W-Beam Guardrail w/ steel (and wood) posts in concrete mow strip	Test MGS w/ 8" block-outs in concrete mow strip. Both steel and wood post options need to be tested using MASH Test Level 3 criteria.	Testing Planned for September /October 2017	0	8	9	6	9	3	5	10	10	7	7	10	10	4	8	N/A	10	116	\$190,800	\$450,200	M. Elle (MN)
	T-intersection test(s) (short radius)	Full-scale crash test recommendations made from Phase I of this project, which involves analysis of design application variations for short radius system.	This project did not start, as Phase 1 is still being worked on. Will be discussed under "ongoing projects, next steps" The budgeted funds will be added back into the "account".	7	10	1	10	4	10	1	6	7	4	8	5	1	9	6	N/A	8	97	\$97,400	\$547,600	C. Lindsey (TX)
	MGS-Compatible Buried in Backslope	The purposes of this research are to full-scale crash test and evaluate the performance of a 31-inch Buried-In-Backslope (BIB) terminal design compatible with an MGS guardrail system.	Testing Planned for October 2017	9	7	8	9	10	6	7	0	0	9	10	0	6	7	7	N/A	1	96	\$107,400	\$655,000	J. Jefferson (AK)
	Raised Blocks Crash Test	The purposes of this research are to full-scale crash test and evaluate the performance of a W-beam rail system with 8-inch blockouts raised on steel posts as a mean for adjusting rail height.	COMPLETED	0	9	10	8	8	4	10	7	4	5	2	1	7	2	4	N/A	4	85	\$52,620	\$707,620	A. Hangul (TN)
UNFUNDED	MGS w/ 12ft 6in post spacing (curb)	Test MGS system (8" blockouts) at 12' 6" post spacing (with curb). NOTE: there is a planned MwRSF test for MGS on curb and omitted post (or on curb only)	Not Applicable	1	5	5	1	7	2	4	8	0	0	4	9	9	10	0	N/A	6	71			
	MGS w/ flare	Test MGS system (8" blockouts) at different flare rates. Which flare rates should be tested?	Not Applicable	5	3	4	2	1	8	6	0	6	3	0	8	5	8	0	N/A	0	59			
	Additional Test - portable pin-loop barrier (continuation of prior pooled fund work)	Modify and re-evaluate pinned-down TCB according to MASH Test 3-11. Under pooled fund project 607911-3, the pinned PCB did not perform successfully for MASH Test 3-11 due to rollover event.	Not Applicable- added to the "Ongoing Projects - Next Phases" list for discussion	10	0	2	7	6	1	2	0	9	0	0	4	4	5	0	N/A	5	55			
	Failed 31" Stacked Transition (continuation of prior pooled fund work)	Modify and re-evaluate stacked W-beam transition for 31" guardrail. Under pooled fund project 604581, the stacked W-beam transition did not perform successfully for MASH Test 3-21 due to rollover event.	Not Applicable- added to the "Ongoing Projects - Next Phases" list for discussion	3	0	3	5	0	5	8	0	8	0	3	0	3	1	9	N/A	7	55			
	MGS down from 8:1 slope break	Test MGS system (8" blockouts) down 8:1 slope break.	Not Applicable	6	4	6	0	0	7	3	9	1	6	1	2	2	3	0	N/A	0	50			
	MGS Non-Blocked - with reduced post spacing	Test MGS system with no blockouts, and reduced post spacing.	Not Applicable	0	2	0	0	3	0	0	0	2	8	6	7	0	0	0	N/A	3	31			
	MGS Non-Blocked (double sided median)	Test double sided median version of MGS, no blockouts, and reduced post spacing.	Not Applicable	4	1	0	0	2	0	0	0	3	1	5	3	0	0	5	N/A	2	26			
PennDOT Weak Post System	Test PennDOT weak post system MASH 3-10. NOTE: Test successfully conducted at TTI for PennDOT.	Not Applicable	2	0	0	3	0	0	0	0	0	2	0	0	0	0	0	N/A	0	7				