TPF 5(343) MASH Pooled Fund – Proposed 2022 Spending Package of remaining excess funds

Date Prepared: 9/22/2022 / Prepared By: Tim Moeckel

* Amount of Remaining Excess Funds for the TPF 5(343) MASH Pooled Fund Program = $713,000
* Projects must be completed by December 2023
* Spending package selected FFY22 prioritized projects 6, 7, 8, and 11 totaling $735K which is $22K more than excess funds. TTI/WSDOT will monitor funding throughout the year and can adjust scope of projects if needed. However, other projects often close under budget which can make up difference.

**FFY2022 TPF 5(343) Prioritized Project List**

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| Rank | ID | Title | Cost | Notes |
| 1 | 2021-04-BR | MASH 4-12 Evaluation of a Fence Mounted System for Attachments to Concrete Bridge Barrier | $175,000 | Previously Funded |
| 2 | 2021-06-LSRB | MASH TL-3 Transition Design with a Storm Drain Inlet (continuation) | $94,000 | Previously Funded |
| 3 | 2020-02-BD | Multi-Directional Base Design for Steel Beam Non-Proprietary Large Sign Supports – Phase II | $262,000 | Previously Funded |
| 4 | 2021-02-LSRB | Crash Testing a Guardrail on 1-To-1 Slope | $173,000 | Previously Funded |
| 5 | 2021-01-BD | Crashworthy Pedestrian and Small Traffic Signals | $215,000 | Previously Funded |
|  |  |  |  |  |
| 6 | 2021-04-WZ | Portable Sign Supports for Aluminum Signs with Variation on Mounting Height | $210,000 | Funded with Excess Funds  Project Duration: 14-Months  Lead Tech Reps: Shawn Debenham (UT), Justin Wilstead (UT)  Lead Researcher: Jim Kovar (TTI) |
| 7 | 2021-02-BD | Evaluation of Four Bolt Slip Base for Breakaway Luminaire Supports for Various Pole Configurations | $220,000 | Funded with Excess Funds  Project Duration: 14-Months  Lead Tech Reps: Shawn Debenham (UT),Justin Wilstead (UT),Brian Crossley (PA), Michelle Moser (MN)  Lead Researcher: Jim Kovar (TTI) |
| 8 | 2020-04-LCB | MASH TL-3 Compliance for Median Guide Rail Transition to F-Shape Barrier | $175,000 | Funded with Excess Funds  Project Duration: 12-Months (work plan modified by reducing number of barrier configurations evaluated by computer sim.)  Lead Tech Rep: Evan Pursel (PA)  Lead Researcher: Nathan Schulz (TTI) |
| ~~9~~ | ~~2021-04-LCB~~ | ~~MASH TL-3 Evaluation of Flared Portable Concrete Barrier Installations for Work Zones Deployments~~ | ~~$189,000~~ | Not Funded with Excess Funds  Similar Project has been funded through TXDOT program |
| ~~10~~ | ~~2021-04-LSRB~~ | ~~MASH TL-3 Testing of a Short Radius Design with TL-3 Primary Road and TL-2 Secondary Road~~ | ~~$200,000~~ | Not Funded with Excess Funds  Cost too high – costs of funding projects 6, 7, 8, 10 is $805,000 ($920K more than $713K) |
| 11 | 2021-07-LSRB (Cont) | MASH TL-3 Evaluation of Shorter Thrie Beam Approach Transition (Continutation) | $130,000 | Funded with Excess Funds  Project Duration: 12-Months  Lead/Tech Rep: Was Joe Hall (WV). Maybe Donna Hardy (WV)?  Lead Researcher: Maysam Kiani |