|  |  |
| --- | --- |
| **Roadside Safety Pooled Fund Program** **Research Problem Statement** | State:  Florida |
| Title:  MASH testing of Rub-Rail | |
| Problem Statement:  Rub-Rail (RER01 and RLR01) in combination with w-beam guardrail has been utilized for both mitigation of crash severity for motorcycle impacts and to improve the redirective capabilities of guardrail (i.e. reduce underrides) in median/slope applications. This post option needs to be reevaluated to establish MASH acceptability when used with 31-in w-beam guardrail. | |
| Objectives of the Study:  Provide MASH acceptance of w-beam guardrail in combination with RubRail.  Determine if the Rub-Rail improves the redirective and capture capacity of 31-in w-beam guardrail. | |
| Expected Benefits:  With the impending adoption of the MASH Implementation Agreement evaluating currently used alternatives is necessary for their continued use.  Will also provide valuable information to supplement ongoing research (*NCHRP 22-22(02) –* *Effectiveness of Traffic Barriers on Non-Level Terrain*) to evaluate the acceptable placement location of barriers in medians if the Rub Rail improves the capture capacity of double-faces w-beam guardrail. | |
| Description of the Proposed Feature to be Tested: *(Be as detailed as possible. Include drawings and/or plans, if available.)*  Research will be needed to evaluate the most appropriate Rub-Rail standards from the TF13 Barrier Hardware Guide (i.e. RER01 or RLR01) for MASH testing. Example photo below. | |
| Estimated Cost *(of the feature per linear foot installed):* | Total Estimated Cost of Crash Test: |
| Contact Person: | Telephone: |