

**MoDOT/MTI Structures Research Program
Progress Report – 6/30/2020**

Title: Developing Implementation Strategies for Risk Based Inspection

Project Number: TR201910

Principal Investigator (PI): Glenn Washer

Co-PI(s): Henry Brown

Award date:	11/01/2018		
Scheduled completion date:	12/31/2021	% of project completed to date:	60.0%
Total budget:	\$400,000.00	% of budget expended to date:	59.3%
Draft report due:	09/30/2021	Final report due:	11/30/2021

Provide a short description of the **work currently underway**.

Use [additional notes section](#) if you need to provide more information.

The data analysis for back-casting is in progress. Development of risk matrices is also underway. Preparation of the first interim report is in progress. Components of the handbook being developed for the project are under development.

Provide a short description of the **noteworthy activities/accomplishments** during this reporting period.

Use [additional notes section](#) if you need to provide more information.

Development of the first component of the risk matrix (occurrence factor) was completed. Data requirements for back-casting were identified.

Identify **issues or problems** that need to be addressed.

Use [additional notes section](#) if you need to provide more information.

The project is currently running behind schedule in terms of beginning and progressing through the back-casting task. See additional notes.

Provides dates for when the **next progress report or presentation** due:

- May 31, 2020 (Mid-project presentation)
- June 30, 2020 (Quarterly report)

Additional notes:

A contract amendment needs to be processed since the total commitment amount is \$725,000 while the original budget was \$400,000. This is due to the participation of additional states in the study.

The project is currently running behind schedule in terms of beginning and progressing through the back-casting task. The interim report has behind fallen behind schedule due to unavailability of the PI due to COVID 19 events and the surrounding realignment of academic activities, which have carried over and are still in the process of being “caught up” over a spectrum of activities. This report is currently being completed. Additional time above that anticipated for processing RAP data has also contributed. The interim report is currently being completed.