Research Project Quarterly Progress Report

Date: 11/15/2017 **Project Number:** TPF-5(193) Suppl #115

Project Title: Minnesota DOT Evaluation of MnDOT's Noise Wall System Under MASH TL-3

Principal Investigator: Ronald K. Faller

Principal Contact Information Email: rfaller1@unl.edu **Phone:** (402) 472-6864

Project Start Date: 4/6/2017 **Project Completion Date:** 3/31/2018

Report Period: **Due Date:**

- ☒ Quarter 1 (July 1 – September 30) ---------- October 31
- ☐ Quarter 2 (October 1 – December 31)---------- January 31
- ☐ Quarter 3 (January 1 – March 31) ---------- April 30
- ☐ Quarter 4 (April 1 – June 30)---------- July 31

Project Schedule Status:

- ☒ **On Schedule**
- ☐ **On Approved Revised Schedule**
- ☐ **Ahead of Schedule**
- ☐ **Behind Schedule**

Progress:

Task	Total Budget	% work Completed This Quarter	Expenses This Quarter	Total % of Task Completed	Remaining Budget
1. Project Planning and Correspondence	$14,635.00	10%	$5,700.00	40%	$8,935.00
2. Phase I Full-Scale Testing	$185,692.00	3%	$2,000.00	3%	$183,692.00
3. Phase II Full-Scale Testing	$79,788.00	0	$0.00	0	$79,788.00
4. Reporting and FHWA letter	$25,000.00	2%	$731.00	7%	$24,269.00
5.					
6.					
7.					
8.					
9.					

Progress and Accomplishments this Quarter:

(Provide an informative summary of tasks/activities that occurred this quarter includes meetings, work plan status, significant progress, etc.)

The test plans for the first two tests were completed. Materials for the three crash tests were ordered, and we are awaiting their arrival to begin constructing the system. We are awaiting sponsor details to determine how to attach the noisewall to the front side of the posts for the third crash test. Writing continued on the draft report.

Circumstances Affecting Project, Scope, or Budget:

(Please describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope and fiscal constraints, along with recommended solution to those problems.)

The projected timeline included in the proposal including the project starting in January 2017 and extending through March 2018 (5 quarters total). The contract was not approved until April 6, 2017. Thus, the project started over a quarter behind. However, the research team will strive to get the project status closer to the original projected timeline.

Anticipated Work Next Quarter:

Construction of the system and test preparation will begin for the first full-scale crash test. Writing will continue on the report

Total Percentage of Project Completion:

5%