

## TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Nevada Department of Transportation

**INSTRUCTIONS:**

*Project Managers and/or research project investigators should complete a quarterly progress report for each calendar quarter during which the projects are active. Please provide a project schedule status of the research activities tied to each task that is defined in the proposal; a percentage completion of each task; a concise discussion (2 or 3 sentences) of the current status, including accomplishments and problems encountered, if any. List all tasks, even if no work was done during this period.*

<b>Transportation Pooled Fund Program Project #</b> <i>(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i> TPF-5(358)		<b>Transportation Pooled Fund Program - Report Period:</b> <input type="checkbox"/> Quarter 1 (January 1 – March 31)                      2019 <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input checked="" type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 1 – December 31)	
<b>Project Title:</b> <i>The Wildlife Vehicle Collision (WVC) Reduction and Habitat Connectivity Transportation Pooled-Fund Project Strategic Integration of Wildlife Mitigation into Transportation Procedures</i>			
<b>Name of Project Manager(s):</b> Nova Simpson for Nevada DOT Patricia Cramer, PI	<b>Phone Number:</b> Nova Simpson: 775-888-7035 Patricia Cramer: 435-764-1995	<b>E-Mail</b> <a href="mailto:nsimpson@dot.nv.gov">nsimpson@dot.nv.gov</a> <a href="mailto:cramerwildlife@gmail.com">cramerwildlife@gmail.com</a>	
<b>Lead Agency Project ID:</b> Nevada Dept. of Transportation	<b>Other Project ID (i.e., contract #):</b> Agreement #: P700-18-803	<b>Project Start Date:</b> 12/13/2018	
<b>Original Project End Date:</b> 12/31/2021	<b>Current Project End Date:</b> 12/31/2021	<b>Number of Extensions:</b> 0	

Project schedule status:

On schedule          
  On revised schedule          
  Ahead of schedule          
  Behind schedule

Overall Project Statistics:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$146,000.00	~\$25,000	25%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
14	14	25%

**Project Description:**

The *Wildlife Vehicle Collision (WVC) Reduction and Habitat Connectivity* pooled fund study is a collaborative research project through the Transportation Pooled Fund Program. Partners from both the United States and Canada have come together with a common interest in reducing WVC's for the safety of humans and wildlife, as well as restoring habitat connectivity in landscapes fragmented by roadways. Contributing partners currently include Alaska DOT, Arizona DOT, California DOT, Iowa DOT, Minnesota DOT, Nevada DOT, Ontario Ministry of Transportation, Oregon DOT, and Washington DOT.

This pooled fund study (PFS) will seek to identify solutions that integrate highway safety and mobility with wildlife conservation and habitat connectivity. The Project: Strategic Integration of Wildlife Mitigation into Transportation Procedures is conducted under Principal Investigator Patricia Cramer and is reported on in this progress report.

Within U.S. states and Canadian provinces, there are few standardized planning processes for considering wildlife in transportation planning, or Best Management Practices (BMP) manuals to instruct personnel at every level how to consider, plan, design, construct, and maintain transportation infrastructure that permits connectivity for wild and domestic animals that could become involved in WVC. This study investigates and makes recommendations on successful procedures that consider and create mitigation solutions to reduce WVC and provide connectivity for wildlife to assist transportation agencies in developing standards at every level.

**Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**

The team worked on the development and implementation of the US and Canadian surveys for Dept.'s of Transportation in the U.S., Ministries of Transportation in Canada, and Metropolitan Planning Organizations (MPO) in the U.S. The survey was launched August 26 for Transportation Agencies, and August 29 for MPO's. The survey closed October 4<sup>th</sup>. Results have been summarized and a summary report will be sent to Technical Panel (A.i.a). The Literature search was also completed (A.i.c).

**Anticipated work next quarter:**

The team will work to complete Task 1 and its sub-tasks. This includes 10 state case studies, (A.i.b), list and compare methods (A.i.d), Identify pros and cons of efforts (A.i.e), Identify Gaps in the science and practice (A.i.f), and Identify how others can be brought into practices (A.i.g) . We will also work on task Aii, the description of Successful Partnerships, and task Aiii, Data requirements. These will be delivered in an annual report for 2019.

**Significant Results:**

The US-Canadian on-line survey is completed, and researchers are finishing up results analyses.

**Circumstance affecting project or budget. (Please describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope and fiscal constraints set forth in the agreement, along with recommended solutions to those problems).**

The budget is very constrained for the tasks in this work. The team will strive to complete all deliverables within the budget and time frame set forth in the contract.

**Potential Implementation:**

The information generated from this work will be available for U.S. DOT's and Canadian MoT's for assistance in incorporating wildlife concerns into transportation processes.  
It may also be used in the development of the forthcoming U.S. Transportation Act.

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<b>Transportation Pooled Fund Program Project #</b>  <i>Wildlife Vehicle Collision (WVC) Reduction and Habitat Connectivity</i> Task 1 – Cost Effective Solutions Transportation Pooled-Fund Project TPF-5(358)		<b>Transportation Pooled Fund Program - Report Period:</b> <input type="checkbox"/> Quarter 1 (January 1 – March 31)                      2019 <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input checked="" type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 1 – December 31)	
<b>Project Title:</b> WVC Reduction & Habitat Connectivity NVDOT			
<b>Name of Project Manager(s):</b> Dr. Marcel Huijser	<b>Phone Number:</b> 406-543-2377	<b>E-Mail</b> mhuijser@montana.edu	
<b>Lead Agency Project ID:</b> 4W7576	<b>Other Project ID (i.e., contract #):</b> 4W7576	<b>Project Start Date:</b> 18 Dec 2018	
<b>Original Project End Date:</b> 30 Sep 2022	<b>Current Project End Date:</b> 30 Sep 2022	<b>Number of Extensions:</b> 0	

Project schedule status:

- On schedule     
  On revised schedule     
  Ahead of schedule     
  Behind schedule

Overall Project Statistics:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$354,001.00	\$81,406.47	23%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$28,527, 18.1%	\$28,527	15%

**Project Description:**

Passive use value report revised, waiting for last few formatting issues

Research suggestions submitted

Additional info research suggestions provided

**Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**

See above

**Anticipated work next quarter:**

Address last few formatting issues passive use value report, make final report.  
Address comments literature review, create final report.  
Continue with updated values cost-benefit analyses.

Discuss the selection of research modules with Nova  
Initiate the selected research modules, partnership agreements, organize.

**Significant Results:**

Draft literature review, submitted  
Passive use values for select species for cost-benefit analyses almost done, except for a few formatting issues  
Presented preliminary data updated values cost-benefit analyses on 17 June 2019

**Circumstance affecting project or budget. (Please describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope and fiscal constraints set forth in the agreement, along with recommended solutions to those problems).**

None

**Potential Implementation:**

None