

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.

Transportation Pooled Fund Program Project # <i>(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX) TPF-5(358)</i>		Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) 2019 <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input checked="" type="checkbox"/> Quarter 4 (October 1 – December 31)	
Project Title: <i>The Wildlife Vehicle Collision (WVC) Reduction and Habitat Connectivity Transportation Pooled-Fund Project Strategic Integration of Wildlife Mitigation into Transportation Procedures</i>			
Name of Project Manager(s): Nova Simpson for Nevada DOT Patricia Cramer, PI	Phone Number: Nova Simpson: 775-888-7035 Patricia Cramer: 435-764-1995	E-Mail nsimpson@dot.nv.gov cramerwildlife@gmail.com	
Lead Agency Project ID: Nevada Dept. of Transportation	Other Project ID (i.e., contract #): Agreement #: P700-18-803	Project Start Date: 12/13/2018	
Original Project End Date: 12/31/2021	Current Project End Date: 12/31/2021	Number of Extensions: 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	~\$32,200	30%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
4.9	4.9	33.3%

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 finalizing the summary report for the survey. Team members authored case study stories of how progressive actions have been taken by various states, counties, and cities to include consideration of wildlife in transportation processes. These case studies focused on areas the survey participants believed were the two most important areas of progress needed to make wildlife considerations every day occurrences: institutionalizing consideration of wildlife, and funding. The team wrote case studies of state efforts in: Texas, New Mexico, Arizona, Colorado, and Vermont. The team also highlighted potential changes in the processes Metropolitan Planning Organizations (MPO's) follow in ecological considerations in planning, and city efforts to plan for and build wildlife crossing structures. Team members also began writing case studies of how state partnerships have increased the effort to consider wildlife in transportation. A 2019 annual report will be delivered with these deliverables described by the end of January.

Anticipated work next quarter:

The team will work to complete Task 1 and its sub-tasks. This includes 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.

Significant Results:

The US-Canadian on-line survey is completed (Aia.) Ten case studies on how states and other entities create considerations for wildlife in transportation planning have been written about (Aib). The main literature search is complete, with additions to be made throughout the duration of the project (Aic).

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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Transportation Pooled Fund Program Project # <i>Wildlife Vehicle Collision (WVC) Reduction and Habitat Connectivity</i> Task 1 – Cost Effective Solutions Transportation Pooled-Fund Project TPF-5(358)		Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) 2019 <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input checked="" type="checkbox"/> Quarter 4 (October 1 – December 31)	
Project Title: WVC Reduction & Habitat Connectivity NVDOT			
Name of Project Manager(s): Dr. Marcel Huijser	Phone Number: 406-543-2377	E-Mail mhuijser@montana.edu	
Lead Agency Project ID: 4W7576	Other Project ID (i.e., contract #): 4W7576	Project Start Date: 18 Dec 2018	
Original Project End Date: 30 Sep 2022	Current Project End Date: 30 Sep 2022	Number of Extensions: 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	\$95,752.30	24%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$14,345.83, 4.1%	\$14,345.83	26%

Project Description:

Passive use value report was published.

Research topics were provisionally selected by the TAC.
More detailed work scopes and budgets were requested.

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

See above

Anticipated work next quarter:

Address comments literature review, create final report.
Continue with updated values cost-benefit analyses.

Submit more detailed work scope and budgets for selected of research modules.
Initiate the selected research modules, partnership agreements, organize.

Significant Results:

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