Transportation Pooled Fund Program Project #
(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))
TPF-5(358)

Transportation Pooled Fund Program - Report Period:
☐ Quarter 1 (January 1 – March 31) 2019
☐ Quarter 2 (April 1 – June 30)
☐ Quarter 3 (July 1 – September 30)
☐ Quarter 4 (October 1 – December 31)

Project Title:
The Wildlife Vehicle Collision (WVC) Reduction and Habitat Connectivity Transportation Pooled-Fund Project
Strategic Integration of Wildlife Mitigation into Transportation Procedures

Name of Project Manager(s): Nova Simpson for Nevada DOT
Patricia Cramer, PI

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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:
X On schedule ☐ On revised schedule ☐ Ahead of schedule ☐ Behind schedule

Overall Project Statistics:

<table>
<thead>
<tr>
<th>Total Project Budget</th>
<th>Total Cost to Date for Project</th>
<th>Percentage of Work Completed to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$146,000.00</td>
<td>0</td>
<td>10%</td>
</tr>
</tbody>
</table>

Quarterly Project Statistics:

<table>
<thead>
<tr>
<th>Total Project Expenses and Percentage This Quarter</th>
<th>Total Amount of Funds Expended This Quarter</th>
<th>Total Percentage of Time Used to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>10</td>
<td>16.7%</td>
</tr>
</tbody>
</table>

TPF Program Standard Quarterly Reporting Format – 7/2011
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 of the US and Canadian surveys for Dept.’s of Transportation in the U.S., Ministries of Transportation in Canada, and Metropolitan Planning Organizations in the U.S. The first draft was presented to the panel at the June 17, 2019 meeting of the panel partners in Reno, NV. The research team revamped the survey and delivered a second draft of the survey with this quarterly report.

At the June 17 meeting Dr. Cramer received input from the panel on the development of the project.

Anticipated work next quarter:

The U.S. and Canadian survey of transportation professionals, literature search, and phone calls to select state representatives who can share experiences and knowledge that would be used to inform Task 2, the recommendations manual.

Significant Results:

The June 17th meeting with the partners helped the research team better develop the approach of the entire project and understand who the final report was to be written for – which we perceive as the higher levels of administration and management within an agency, rather than trying to convince all personnel within a transportation agency of the important of reducing wildlife-vehicle conflict and promoting wildlife connectivity.

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.