

Number: 25-72

Proposed Title: Crash Analysis Process: Workshops for Future State

1. Concisely describe the **transportation issue** (including problems, improvements, or untested solutions) that Oregon needs to research.

The Crash Analysis and Reporting Unit (CAR) generates crash data and statistics derived from law enforcement (LE) and citizen submitted crash report forms administered by DMV. These crash report forms are paper forms and undergo imaging and transfer to CAR for the unit to perform the analysis and coding of the information on the forms into crash data. CAR processes 50,000-60,000 reports annually, and 50% are law enforcement crash reports. This process is tedious due to the nature of the work (transforming paper information into usable electronic data) and because of all the touch points in the process (Citizen/LE to DMV, then DMV to CAR). In order for CAR to receive and process crash report information in a more timely manner a number of process improvements have been implemented, such as; Crash Data System replacement project to provide an updated system to code data more efficiently and leverage electronic crash report data, citizen electronic crash reports which eliminates citizen paper reports so the electronic data can be harvested by new systems, and improved imaging of paper crash reports to speed up processing of paper submissions to the CAR Unit. The only process improvement remaining is to create a way for law enforcement to collect and submit the LE crash report electronically to DMV. The difficulty is that there are many law enforcement agencies with different technologies, budgets, and priorities so it's difficult to develop, coordinate, and implement a solution.

2. Document how this **transportation issue** is important to Oregon and will meet the Oregon Research Advisory Committee Priorities

This issue is important to Oregon. By statute ODOT is required by law (ORS 802.050(2)) to publish statistical crash information derived from crash reports. Additionally, the data provides essential information on investment decisions for Economic and Community Vitality, Social Equity, Mobility, Safety and allows for better Stewardship of Public Resources – all of which directly relate to ODOT's Strategic Priorities. Knowing trends, locations, severity, frequency of incidents, etc. helps all investment decisions for construction, maintenance, and safety improvements that ODOT makes on a daily basis.

3. What **final product or information** needs to be produced to enable this research to be implemented?

This issue is too complex involving many agencies to identify research or data needs at this early stage. Therefore, it is proposed that a series of workshops, peer-to-peer exchanges, or conferences happen with the parties involved (mentioned above). It will be determined if there are "gaps" in data or new processes needed once all parties have conducted a series of workshops to explore the problem AND shared what resources they can commit to solve the issues. This proposal is intended to fund facilitated, structured discussions over approximately 6 months with the aforementioned parties. The goal is to document shared knowledge, resources, current needs, and future state discussions (with practical approaches) to solve the problems. The information presented will be documented and categorized as business decisions or research needs. Of those discussed that have a research role, those requirements will be used to create a follow-on Stage 1 document for the next research funding cycle.

4. (Optional) Are there any individuals in Oregon who will be instrumental to the success of implementing any solution that is identified by this research? If so, please list them below.

Name	Title	Email	Phone
John Bonnett	CAR Unit Manager	john.bonnett@odot.oregon.gov	503-930-4806
Chris Wright	Trans. Data Section Manager	Chris.WRIGHT@odot.oregon.gov	503.689.3962
Amy Joyce	DMV Administrator	amy.b.joyce@odot.oregon.gov	503.945.5101
Amanda Pietz	PDA ADMINISTRATOR	amanda.pietz@odot.oregon.gov	503.302.4839
Kristen Twenge	Law Enforcement/Judicial Program Manager	Kristin.K.TWENGE@odot.oregon.gov	503.583.5439

5. Other comments:

NA

6. Corresponding Submitter's Contact Information: **[1 individual]**

Name:	Jon Lazarus and John Bonnett (joint collaboration)
Title:	ODOT Research Coordinator / CAR Unit Manager
Affiliation:	
Telephone:	971-701-0055 / 03-689-3962
Email:	Jon.m.lazarus@odot.oregon.gov / john.bonnett@odot.oregon.gov