

# 2016 UDOT RESEARCH PROBLEM STATEMENT

\*\*\* Problem statement deadline is March 14, 2016. Submit statements to Tom Hales at [tahales@utah.gov](mailto:tahales@utah.gov). \*\*\*

**Title:** Pedestrian Safety Toolbox for Elected Officials

**No. (office use):** 16.03.09

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**UDOT Champion (suggested):** Robert Miles

**Select One Subject Area**

Materials/Pavements

Maintenance

Traffic Mgmt/Safety

Preconstruction

Planning

## 1. Describe the problem to be addressed.

In early March 2016 the Utah Department of Transportation and the Utah Department of Public Safety's Highway Safety Office adopted the Utah Pedestrian Safety Action Plan. This plan was created as the culmination of a comprehensive effort by a diverse stakeholder committee to address and reduce the high number of pedestrian fatalities in Utah. Within that plan, goals and tasks are outlined. Goal 5.3 Task 1 is to "create a toolbox on pedestrian safety initiatives, infrastructure improvements, and programs to be disseminated to elected officials across the state."

This project will compile appropriate information and resources into a document or web interface that can be advertised and disseminated to elected officials statewide to fulfil this task. Informing local elected officials of available pedestrian safety resources will encourage and increase the likelihood of local implementation, resulting in improved pedestrian safety and reduced pedestrian fatalities.

## 2. Explain why this research is important.

UDOT has committed to accomplish all tasks assigned to the agency in the Pedestrian Safety Action Plan. Completion of this task will fulfil the requirements of Goal 5.3 Task 1.

## 3. List the research objective(s):

1. Compile all existing resources regarding local pedestrian safety initiatives, appropriate and effective infrastructure improvements, and existing safety programs into a single resource for elected officials.
2. Advertise and disseminate this resource statewide.

## 4. List the major tasks:

1. Develop a project scope of work and cost estimate and identify appropriate TAC members.
2. Conduct a project kick-off meeting with the TAC.
3. Conduct a comprehensive review of existing local pedestrian safety initiatives and state programs, and compile an inventory of appropriate infrastructure improvements.
4. Create a document or web-based resource to disseminate to local elected officials, statewide.
5. Report results to UDOT in a final written report.

## 5. List the expected results:

1. Document or web-based resource cataloging all available pedestrian safety resources.
2. Recommendations for advertisement and dissemination to elected officials.

## 6. Describe how this research will be implemented.

This research will be disseminated by UDOT and DPS to promote knowledge of pedestrian safety resources to elected officials.

**7. Requested from UDOT:** \$15,000-\$20,000\*      **Other/Matching Funds:** \$0      **Total Cost:** \$15,000-\$20,000\*

**8. Outline the proposed schedule, including start and major event dates.**

Project will kick-off in Fall 2016. The comprehensive review of existing local pedestrian safety initiatives and state programs, and an inventory of appropriate infrastructure improvements will be conducted through the winter (Q4 2016-Q1 2017). All resources will be compiled into a resource document or web-based interface during Q3-2017. A final written report will then be submitted to UDOT. This research is anticipated to be completed within 12 months.

\*Cost will be determined based on the scope and final output. A document portfolio will cost less than creating a web-interface.