



City of Nampa Public Works Business Item

TO:	Mayor and Council
FROM:	Crystal Craig
NUMBER:	{{section.number}}-7
DATE:	July 5, 2023
SUBJECT:	Action Item: Authorize Public Works to (1) Submit a project proposal application for Nampa 's Vulnerable User Identification and Safety (VIS) Demonstration Project for the U.S. Department of Transportation's Safe Streets for All Demonstration Grant funding program; and (2) Authorize Mayor to draft and sign a letter of commitment for the project.

Background Summary:

This project, Nampa 's Vulnerable User Identification and Safety (VIS) Demonstration Project, was previously presented to Council in November 2022 as the ITS Active Transportation Safety Improvement Project, with the intent to submit an application to the Strengthening Mobility and Revolutionizing Transportation (SMART) funding program for planning and prototyping ITS technology upgrades to improve multimodal safety. Since such time, we received notice that the project was not selected for award.

Public Works now intends to submit a project proposal application to the U.S. Department of Transportation's Safe Streets for All (SS4A) Demonstration Project grant funding program. An updated executive summary of the project proposal has been provided (Exhibit A).

Nampa successfully partnered with COMPASS and other local jurisdictions during the last round of funding, and COMPASS has been awarded funding for development of a Comprehensive Safety Action Plan (CSAP). This project will further contribute to the development of that plan, through information from Demonstration activities.

Demonstration activities inform an Action Plan by testing proposed project and strategy approaches to determine their potential benefits and future scope.

Demonstration activities must measure potential benefits through data collection and evaluation and inform an Action Plan's list of selected projects and strategies and their future implementation. The final deliverable for Demonstration activities is an updated Action Plan that contains an assessment of demonstration projects and their impact on safety.

Reason for Project:

The Nampa community has been experiencing many road safety incidents and near misses between vulnerable road users (pedestrians and bicyclists) and vehicles along the 12th Avenue corridor. The vehicle-centric state route is 5 lanes with approximately half mile spacing between signalized intersections and High-Intensity Activated crossWalk (HAWK) beacons. The surrounding community is fast growing with mixed-use developments, low-income housing, community services, multiple schools with heavy foot traffic, and public spaces along this corridor. Drivers along the corridor can miss pedestrian presence and tend to run red lights, creating safety issues at marked crossing points.

The Nampa SS4A Project seeks to:

- Demonstrate effectiveness of several safety measures through before/after implementations
- Improve active mode visibility and awareness at signalized crossings
- Reduce near-miss and vehicle-to-pedestrian/bicycle collisions
- Implement multimodal detection technology and advanced timing strategies to improve intersection safety and efficiency
- Identify hot spots and prioritize safety countermeasures
- Provide data and insight to COMPASS's CSAP which could lead to the regional adoption of safety strategies and technology

Funding/Project Costs:

For Demonstration Grants, program award amounts will be based on estimated costs, with an expected minimum of \$100,000 and an expected maximum of \$10,000,000. A local match of no less than 20 percent of the total project cost is required for all SS4A grant funds. Local match may include both cash as well as in-kind contributions.

Total Project cost is estimated to be \$1,500,000.

Total Federal Funding Request will be \$1,200,000.

Total Local Contribution/Match will be \$300,000; utilizing both cash and in-kind contributions

Staff Recommendation:

Staff recommends authorizing the submission of the project proposal application and submission of a letter of commitment

Attachments:

Exhibit A – Nampa SS4A Draft Executive Summary

Exhibit B - Nampa SS4A Letter of Commitment