



CITY OF HARRISONBURG
**PUBLIC
WORKS**

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To: Ande Banks, City Manager
From: Thomas Hartman, PE, PMP, LEED AP, Director of Public Works
Date: November 8, 2022
Re: SMART Grant Application Resolution

Summary:

Consider a Resolution of Support for the Strengthening Mobility and Revolutionizing Transportation (SMART) grant program.

Background:

The United States Department of Transportation (DOT) is accepting applications for the 2022 Strengthening Mobility and Revolutionizing Transportation (SMART) grant program on a competitive basis to fund scalable, proven technology that improves transportation, yet has not been extensively deployed. The Public Works Department intends to submit a proposal under Phase 1 of the SMART grant to study a combination of technologies along both the Port Republic Road and Reservoir Street corridors to determine how to best optimize transit and traffic operations, and gain understanding of both their benefits and scalability.

The proposed technology establishes a link between existing traffic signal technology and transit intelligent transportation systems (ITS), allowing the aggregation of traffic and transit data into an algorithm that will increase the reliability of both systems. Public Works has already deployed this traffic signal technology on the Port Republic Road corridor with success, and this grant would allow both Public Works and the Harrisonburg Department of Public Transportation (HDPT) to study the transit software benefits on this corridor as well as gain an understanding of potential Citywide benefits. Attached to this memo is the one-page summary of the grant proposal scope that describes the overall approach of this project.

Key Issues:

Improve the City's transportation system by leveraging innovative technology in order to improve mobility and reliability.

Environmental Impact:

Reduced carbon emissions.

Fiscal Impact:

This grant does not require any local matching funds.

Prior Actions:

N/A

Alternatives:

None.

Community Engagement:

None.

Recommendation:

Support the Resolution.

Attachments:

1. Resolution
2. One-page Grant Information Sheet

Review: