

**RESOLUTION OF SUPPORT FOR THE CITY OF HARRISONBURG STRENGTHENING MOBILITY AND
REVOLUTIONIZING TRANSPORTATION (SMART) GRANT APPLICATION**

At a regularly scheduled meeting of the Harrisonburg City Council held on Tuesday November 8, 2022, on a motion by _____, seconded by _____, the following resolution was adopted by a vote of _____ to _____:

WHEREAS, the United States Department of Transportation (DOT) is accepting applications for the 2022 Strengthening Mobility and Revolutionizing Transportation (SMART) Grants Program on a competitive basis to fund scalable, proven technology that improves transportation, yet has not been extensively deployed, the City of Harrisonburg intends to submit a proposal to study a combination of technologies to determine how they can best be used to optimized transit and traffic operations, throughout the city, and plan for their implementation; and

WHEREAS, the City of Harrisonburg maintains traffic control systems in the city through its Department of Public Works; and

WHEREAS, the City of Harrisonburg operates a public transportation system in the city through its Department of Public Transportation; and

WHEREAS, the CITY OF HARRISONBURG CITY COUNCIL desires to submit an application for the allocation of funds for the Transportation Optimization and Mobility Enhancements for the City of Harrisonburg project under the SMART grants program; and

WHEREAS, the CITY OF HARRISONBURG CITY COUNCIL understands this project would:

1. Study the effect of Centracs Edaptive (existing on the Port Republic Road corridor) on transit performance of the Green/Red and Route 6 transit routes.
2. Implement Centracs Transit Priority on the Green/Red and Route 6 transit routes and integrate it with the Edaptive system.
3. Implement and optimize Centracs Transit Priority on the Blue/Purple and Route 2 transit routes without Edaptive.
4. Conduct a comparative analysis of the performance results produced in steps 1-3 to determine the most suitable approach for optimizing transit operation on the these four (4) corridors.
5. Determine the cost/benefit of implementing Transit Priority, with or without Edaptive, on the city's other transit corridors, based on study results, lessons learned, and traffic conditions on other transit corridors.
6. Conduct planning activities to prepare for the implementation of Centracs Transit Priority and/or Edaptive technologies, according to study recommendations; and

WHEREAS, this project would meet the City's goals in the Transportation Chapter of the Harrisonburg Comprehensive Plan, as amended, to improve safety, mitigate congestion, and increase opportunities for alternative modes of transportation; and

WHEREAS, the study will produce quantifiable results defining the level of benefit to be realized, of expanding the technologies to other transit corridors, such as US Routes 42, 11, 33, Reservoir Street, and Mason Street; and

WHEREAS, it is anticipated that adding Transit Priority to the Edaptive system will greatly improve the reliability of the transit schedule, thereby leading to an improvement of traffic operations, safety, and reliability on the Port Republic Road corridor in addition to environmental and other travel benefits;

NOW, THEREFORE, BE IT RESOLVED THAT: The HARRISONBURG CITY COUNCIL hereby supports this application to request federal funds to complete the Transportation Optimization and Mobility Enhancements for the City of Harrisonburg project under the SMART Grants Program;

ADOPTED this 8th day of November, 2022.

Deanna Reed, Mayor

ATTEST:

Pam Ulmer, City Clerk