



Application for TRAFFIC CONTROL DEVICE TSIP FUNDS

GENERAL INFORMATION

DATE: August 7, 2023

Location / Title of Project Appanoose County – Temporary Traffic Signals

Applicant Appanoose County Secondary Roads Department

Contact Person Brad Skinner Title Engineer

Complete Mailing Address 1200 Hwy 2 West
Centerville, IA 52544

Phone (641) 856-6193 E-Mail bskinner@appanosecounty.net
(Area Code)

If more than one highway authority is involved in this project, please indicate and fill in the information below (use additional sheets if necessary).

Co-Applicant(s) _____

Contact Person _____ Title _____

Complete Mailing Address _____

Phone _____ E-Mail _____
(Area Code)

PLEASE COMPLETE THE FOLLOWING PROJECT INFORMATION:

Funding Amount

Total Safety Cost \$ 63,195.00

Total Project Cost \$ 63,195.00

Safety Funds Requested \$ 63,195.00

Does this project appear on a Safety Improvement Candidate List or is there a safety study recommendation for this project?

Yes – Explain

No

APPLICATION CERTIFICATION FOR PUBLIC AGENCY

To the best of my knowledge and belief, all information included in this application is true and accurate, including the commitment of all physical and financial resources. This application has been duly authorized by the participating public agency(ies). I understand the attached resolution(s), where applicable, binds the participating public agency(ies) to assume responsibility for any additional funds, if required, to complete the project. In addition, the participating public agency(ies) agrees to maintain any new or improved public streets or roadways for a minimum of five years.

I understand that, although this information is sufficient to secure a commitment of funds, a firm contract between the applicant and the Department of Transportation is required prior to the authorization of funds.

Representing the Appanoose County Secondary Roads Department

Signed: _____
Signature Date Signed

Printed Name

Attest: _____
Signature Date Signed

Printed Name

Narrative

The Appanoose County Secondary Roads is applying for the Traffic Safety Improvement Program with the intent to purchase a set of Portable Traffic Signals with the funds. If the county maintenance crew had these available, we would have safer work zones by reducing exposure of flagging personnel and be more visible to traffic.

Appanoose County Roads Department is responsible for the engineering, construction and maintenance of the county's secondary road system. The secondary road system in Appanoose County consists of 765 total miles with 115 of those miles being hard surface. In addition, there are over 170 bridges maintained by Appanoose County. The traffic volumes on a typical road range from 25 on local roads to 1900 on Farm to Market roads vehicles per day. During the summer, many roads traffic volumes increase two and three times the state AADT due to traffic related to Rathbun Lake.

Currently, when county maintenance crews are on a brush cutting project, a spotter is used to let the operators know of traffic. This tool would remove that spotter from the shoulder and allow them to assist with the labor workload of the maintenance project. We plan to utilize the temporary traffic signals in many maintenance options such as brush cutting, patching, bridge repair, guardrail etc.

The primary use of the temporary traffic signals would be in a work zone with a temporary lane closure, two-way traffic project. MUTCD Standard Part 6 has guidance and standards for the use of traffic signals in these types of work zones. In addition to providing safer work zones for County maintenance crews, below are few more examples of the benefits of the temporary traffic signal:

- Signals provide a better visual for motorists than a flagger
- Eliminates a having a worker in the clear zone or in traffic lanes
- Being understaffed, it frees the traffic control flaggers to have them work on the labor crew of the project
- Allows for the option to have overnight lane closures for road and bridge repairs

In conclusion, Appanoose County is requesting TSIP funding to purchase JTI PTS-2000 Traffic Signals in the amount equal to the cost of one set. The referenced traffic signals are MUTCD approved with two signals, solar charging, multiday batteries, and on a towable trailer. These features will provide safer and more efficient traffic operations in work zones day and night. Additionally, these signals would benefit other County Departments, local cities and surrounding counties if requested.

RESOLUTION FOR TRAFFIC SAFETY IMPROVEMENT PROGRAM
Grant Application for PORTABLE TEMPORARY TRAFFIC SIGNALS

APPANOOSE COUNTY RESOLUTION No. 2023-40

WHEREAS, the Iowa Department of Transportation Traffic Safety Improvement Program operates under the rules of Iowa Administrative Code 761- Chapter 164; and

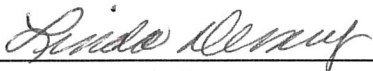
WHEREAS, said program allows for the distribution of traffic safety funds to cities, counties, and the Iowa DOT for eligible traffic safety improvement projects; and

WHEREAS, Appanoose County has determined that providing portable temporary traffic signals will aid in improving the safety of flaggers, road crews, and the traveling public during road maintenance activities; and

WHEREAS, the County Engineer recommends a TSIP application for funding of the above mentioned traffic control devices.

NOW THEREFORE, BE IT RESOLVED, that we, the Board of Supervisors of Appanoose County do hereby declare support for and endorsement of the Grant Application for said portable temporary traffic signals. The Board further endorses the submittal of such application for grant funding and assures that the County will adequately maintain such improvements within the Appanoose County Secondary Roads system; and directs the County Engineer to pursue available funding for said project.

Passed and Adopted this 7th day of August 2023.



Chairman Board of Supervisors
Appanoose County, Iowa

ATTEST:



Kelly Howard
Appanoose County Auditor