

RESOLUTION NO. 2024-14

CRANBERRY TOWNSHIP BUTLER COUNTY, PENNSYLVANIA

A RESOLUTION OF THE BOARD OF SUPERVISORS OF CRANBERRY TOWNSHIP, A SECOND CLASS TOWNSHIP OF THE COUNTY OF BUTLER, COMMONWEALTH OF PENNSYLVANIA, SETTING FORTH CERTAIN GUARANTEES IN RELATION TO AN APPLICATION FOR THE GREEN LIGHT-GO YEAR 9 (2024) GRANT PROGRAM AND AUTHORIZING THE TOWNSHIP MANAGER TO ATTEST THE SAME.

WHEREAS, the Pennsylvania Department of Transportation, Bureau of Maintenance and Operations, Transportation Operations Division, has provided grant funds through the Green Light-Go: Pennsylvania's Municipal Partnership Program designed to improve the efficiency and operation of existing traffic signals located in the Commonwealth of Pennsylvania; and

WHEREAS, the Township of Cranberry desires to replace two traffic signal cabinets at Route 228 (SR0228)/Kristoffer Drive and Cranberry Woods Drive to modernize the system, improve the efficiency/flow of traffic and increase safety; and

WHEREAS, the Township of Cranberry desires to submit an application to the Green Light-Go Program Year 9 (2024) to fund the Two Signal Cabinet Replacement Project.

WHEREAS, the estimated cost of the project is \$75,000; and

WHEREAS, the 20% local share will be available for the purpose herein applied; and

WHEREAS, the Township of Cranberry's Capital Budget will contribute a 20% match totaling \$15,000 to partially fund the project; and apply for grant funds in the amount of \$60,000.

NOW, THEREFORE BE IT RESOLVED that the Township of Cranberry agrees to comply with the requirements of the Green Light-Go Year 9 (2024) Grant Program for the purpose of obtaining grant funds; and it is hereby resolved by authority of the same that the under-signed officials of the Township of Cranberry are authorized and directed to submit the Green Light-Go Application on behalf of Cranberry Township.

RESOLVED AND ENACTED BY THE BOARD OF SUPERVISORS OF THE TOWNSHIP OF CRANBERRY AT THE PUBLIC MEETING ON FEBRUARY 1, 2024.

ATTEST:

CRANBERRY TOWNSHIP

Daniel D. Santoro
Township Manager

Michael D. Manipole, Chairman
Board of Supervisors

(10-22)



pennsylvania
DEPARTMENT OF TRANSPORTATION
www.pennndot.gov

GREEN LIGHT-GO PROJECT SCOPING FORM

PLEASE TYPE OR PRINT ALL INFORMATION IN BLUE OR BLACK INK

A – PROJECT OVERVIEW

DISTRICT COUNTY MUNICIPALITY(S)
10 ☒ Butler ☒ Cranberry Township

Attach a map or list of the signalized intersections included in the project.

PROJECT NAME

Cranberry Township - Route 228 Two Signal Cabinet Replacement

PROJECT TYPE (check one)

- ☐ LED Replacement ☐ Traffic Signal Retiming ☐ Study and Removal of Unwarranted Traffic-Control Signals ☐ Monitoring
☐ Innovative Technologies ☐ Communications/Connections back to Traffic Management Center (TMC)
☒ Detection and/or Controller Upgrades ☐ Modernization Upgrades ☐ Intelligent Transportation System (ITS) Applications

PROJECT COMPLEXITY (check one)

- ☐ Level 0 – Retiming Limited to timing/phasing modifications which are accomplished with existing equipment
☒ Level 1 – Equipment Upgrades Replacement, upgrade, or addition of traffic signal equipment which does not impact information shown on the traffic signal permit condition diagram
☐ Level 2 – Minor Alterations Modifications to items shown on the traffic signal permit condition diagram, but does not include replacement or installation of traffic signal supports
☐ Level 3 – Major Alterations Modifications to the traffic signal which include replacement or addition of traffic signal poles, but retain some existing traffic signal equipment
☐ Level 4 – New Construction Full modernization/replacement of all traffic signal equipment at an existing signalized intersection

PROJECT DESCRIPTION (Include narrative to describe the project scope of work)

This project includes replacement of two existing traffic signal controllers include Econolite Cobalt ATC NEMA TS2 Type 1 Controllers, UPS, Sonem EPS, Ethernet Switch, Cabinet and Riser. All costs will be for equipment only and installation will be completed by Cranberry Township. The controllers are at the following locations:

Route 228 (SR 0228)/Kristoffer Drive-Cranberry Woods Drive (Signal No. 5542)
 Route 228 (SR 0228)/Cranberry Commons Driveway No. 1 (Signal No. 5543)

WHY IS THE PROJECT NEEDED? (Provide project needs that are tangible and fact-based, framed in terms of problems and deficiencies, and how the proposed solution will address these problems and deficiencies)

Cranberry Township has identified these two controllers for replacement in our Preventative Maintenance (PM) Plan. These controllers are outdated and not able to be updated. There is issues with pedestrian activation. There are existing issues with these controllers that are not able to be repaired. Battery back up is also desired in this high volume corridor. These controllers were also selected as there is no other upgrade project proposed at these locations.

WHAT IS THE PROJECT PURPOSE?

The purpose of the controller upgrade is to modernize the traffic signal, to improve the flow and efficiency of traffic, and to increase safety.

DESCRIBE ANY ADA COMPLIANCE ISSUES

None, both signals have ADA access

HOW MANY RIGHT-OF-WAY PARCELS OR PORTIONS OF PARCELS MAY NEED TO BE ACQUIRED?

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B – COST ESTIMATE

Attach a cost estimate spreadsheet to your pre-application scoping form submission email with additional details. A template is available on the Traffic Signal Portal.

MUNICIPAL MATCH %		REQUESTED FUNDING	MUNICIPAL MATCH
20%	Total	\$ 60,000.00	\$ 15,000.00

C – PennDOT REVIEW

TO BE COMPLETED BY PENNDOT BUREAU OF OPERATIONS

REVIEW COMMENTS

The Ethernet switches are not included in the estimate.

Is the UPS included with the cabinet at \$37,500?

DESIGN PROCESS (check one)

- ☒ Publication 9 ☐ Publication 740 ☐ PennDOT Design

REVIEWED BY

Mike Centi/Dan Tyger

DATE

January 11, 2024