



Town of Orleans

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COMMUNITY PRESERVATION PROJECT APPLICATION

Project Title: Hardwired Pedestrian and Bike Safety Signal at Main Street and Old Colony Way
Submission Date: November 22, 2021

Applicant (*note if Town, individual or non-profit*): Town of Orleans Bike and Pedestrian Committee
Address: c/o Stephanie Gaskill PO Box 1131 East Orleans MA 02643

Co-Applicant, if any (*note if Town, individual or non-profit*): Traffic and Safety Committee
Address:

Project Contact Person: Stephanie Gaskill, Vice Chair

Telephone: 508 237 4493

Email: stephanie.gaskill@ymail.com

Federal Tax Identification Number (if non-profit):

Project purpose (*Check all that apply*):

Open Space Historic Preservation Community Housing Recreation

Project Location/Address: Main Street and Old Colony Way Intersection, Orleans

Community Preservation Funding Request: \$55,000

Brief Project Summary, Including Justification of Project Category Checked Above:

The intersection of Main Street, Old Colony Way and the Rail Trail Bike Path is a very busy and potentially dangerous spot for bikers and pedestrians. This is the very heart of Orleans for the recreational activities of biking and walking. Traffic on both Main Street and Old Colony Way are often very heavy and when pedestrians and bikers from the rail trail and sidewalks merge into the traffic in this area clear signaling is needed to assure that the dangers to these recreational activities are minimized.

Narrative

This CPA request is for the installation of hard wired safety signaling at this Main Street, Old Colony Way, and Rail Trail intersection. This particular area of the Rail Trail is the main access for Rail Trail bikers and pedestrians to the center of Orleans. It is a popular gathering and stopping point at Depot Square, The Hot Chocolate Sparrow, and other Orleans Center businesses. It is more than just a crosswalk, it is a major hub point for recreational pursuits in the town of Orleans. The density of bikers and pedestrians, plus their multi-directional travelling paths make safe and dependable signaling a critical element for recreational safety in Orleans.

Action Plan

The Action Plan is to install a combination of hard wired safety signaling to provide adequate warnings for bikers and pedestrians. The first attachment is an illustration of the proposed locations of the signals. It shows the proposed placement for the 2 bike flashing STOP sign signals and the 2 flashing Pedestrian crossing sign signals including 2 rectangular rapid flashing beacons (RRFB). The second attachment shows an example of a sign safety signal that will be installed for bikers. The third attachment shows an example of flashing pedestrian safety signals. This request includes the full installation including the signs, the poles, the physical installation, and the electrical connection.

Financial Data

The estimate for this safety lighting engineering and installation is \$55,000. The estimate includes both the design and the construction. It includes all materials, labor, and connections for fully operational signals.

It will be put out to bid for the selection of a vendor.

Action Plan and Timeline

The project will be facilitated by the Bike and Pedestrian and Traffic and Safety Committees. It will be implemented by the Orleans Department of Public Works . The project will be put out to bid as soon as funds have been approved at the Annual Town Meeting 2022. Implementation will follow as soon as the award is made and the project scheduled.