



STATE OF RHODE ISLAND
STATE TRAFFIC COMMISSION
Two Capitol Hill
Providence, R. I. 02903

January 26, 2023

The Honorable Susan R. Donovan
Representative (District 69)
2 Rego Avenue
Bristol, RI 02809

Dear Representative Donovan,

The following request was considered at The State Traffic Commission's (STC) monthly meeting on September 7, 2022:

- Request from Representative Donovan for a crosswalk across Route 114 (Hope St.) in the vicinity of the Bristol Center of the Rhode Island Audubon Society located at 1401 Hope St.

An engineering study was conducted to determine the feasibility of installing a crosswalk in the above location. Hope Street (RI-114) in the vicinity of the Audubon Center driveway is a 38-foot wide, two-lane roadway, with 12-foot travel lanes and 7-foot shoulders. RI Public Transit Association (RIPTA) bus stops on both sides of the roadway are located at the Audubon Driveway.

The posted speed limit on Hope Street is 35 mph. The 85th percentile speeds were calculated to be 37 mph and 38 mph in the southbound and northbound direction respectively. The 85th percentile speed is the speed at or below which 85% of all vehicles are observed to travel under free-flowing conditions. The nearest existing crosswalk to the study location is located approximately 300' to the north.

A 12-hr pedestrian count was conducted during the hours of 7AM-7PM on Tuesday May 10, 2022. Twenty-one pedestrians crossed Hope St. during the 12-hr weekday count. In addition to those who crossed, 19 pedestrians were walking along Hope Street and may want to cross at some point during their trip.

Based on the pedestrian activity as well as the RIPTA bus stops in the area, the STC approved the installation of a crosswalk at the above location. The crosswalk will be installed as part of a RIDOT construction project as funding permits. Prior to construction, pedestrian counts will be conducted at the existing crosswalk to the north to determine the feasibility of consolidating the above crosswalks.

Very Truly Yours,
State Traffic Commission

Sean Raymond

Sean Raymond, P.E.
SR/MK

cc: Steven Contente, Town Administrator (Town of Bristol)
Kevin Lynch, Police Chief (Bristol Police Department)
The Honorable Pamela J. Lauria, Senator (District 32)
The Honorable June Speakman, Representative (District 68)
Director Alviti, McCarthy, St. Martin, Pristawa, Raymond, King file

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