



Legislation Text

File #: 24-126, Version: 1

Authorization for the Town Manager to Execute a Contract for the Installation of Bicycle Detection at Four Signalized Intersections (TIP# U-4726DF)

PURPOSE: To request Town Council adopt a resolution authorizing the Town Manager to award a contract to install bicycle detectors at four intersections: East Main Street at Roberson Street, Main Street at North Greensboro Street, Weaver Street at North Greensboro Street, and NC 54 at West Poplar Avenue.

DEPARTMENT: Public Works, Planning

CONTACT INFORMATION: Michael Johnson, Capital Projects Manager, 919-918-7424, mjohnson@carrboronc.gov; Christina Moon, Planning Administrator, 919-918-7325, cmoon@carrboronc.gov; Kevin Belanger, PE, Public Works Director, 919-918-7427, kbelanger@carrboronc.gov

COUNCIL DIRECTION:

Race/Equity Climate Comprehensive Plan Other

Recommendations for the installation of bicycle loop detection system are included in the 2009 Carrboro Comprehensive Bicycle Transportation Plan, Chapter 7, Design Guidelines, [≤ https://www.carrboronc.gov/737/2009-Bike-Plan](https://www.carrboronc.gov/737/2009-Bike-Plan), and the 2005 Carrboro Downtown Transportation Study, Appendix F, Bicycle Detection Project Summary [≤ https://www.carrboronc.gov/DocumentCenter/View/1941/Carrboro-Downtown-Transportation-Study](https://www.carrboronc.gov/DocumentCenter/View/1941/Carrboro-Downtown-Transportation-Study). Racial Equity Pocket Questions are included as Attachment D.

INFORMATION: On May 10th the Town received authorization from NCDOT to advertise the bicycle loop detector project (TIP# U-4726DF) which involves the installation of bicycle detection at four signalized intersections, three in the downtown area and the fourth at the north intersection of NC 54 and West Poplar Avenue. Bicycle detection at signalized intersections allows for bicyclists stopped at a red light to call for a green light by positioning their bicycles over a detector. A standard detection mechanism is an inductive loop that is saw-cut into the pavement.

The advertisement was published in the Raleigh News & Observer and posted on the Town’s website, NCDOT’s website and the HUB website posted on May 19th. The bid opening is scheduled for June 13th. The Town will select the lowest responsible bid, subject to NCDOT concurrence. If the Town does not receive the three bids necessary for the competitive bid process, the project will be readvertised as soon as possible. The schedule is being dictated by the federal funding requirements in which project construction and administrative close-out must be completed by September 30th.

On [October 24, 2023](#) [≤ https://carrboro.legistar.com/MeetingDetail.aspx?ID=1113496&GUID=AAACC3C8-782D-4D49-A5FA-D22F401DEA54&Options=info|&Search=>](https://carrboro.legistar.com/MeetingDetail.aspx?ID=1113496&GUID=AAACC3C8-782D-4D49-A5FA-D22F401DEA54&Options=info|&Search=>), the Town Council adopted a Capital Project Ordinance amendment to increase the project budget to \$157,500 with up to \$138,975 allocated toward construction. The

Engineer's Estimate for construction is \$123,000. Funding includes \$126,000 of federal STPDA and BGDA funds, and \$31,500 of local match.

FISCAL IMPACT: A total of \$157,500 has been appropriated for this project, with \$138,975 allocated for construction.

RECOMMENDATION: The Town Manager recommends the Town Council adopt the resolution (Attachment A) authorizing the Town Manager to select a contractor and execute a contract with the selected contractor for installation of the bicycle detection system for an amount not to exceed \$138,975.