



## Legislation Text

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**File #:** 19-171, **Version:** 1

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**TITLE:**

Installation of West-East Conduit Path by Town and UNC-Chapel Hill

**PURPOSE:** Request Board of Alderman approval for a capital improvement project to install conduit by the Town of Carrboro and the University of North Carolina - Chapel Hill.

**DEPARTMENT:** IT/Finance

**CONTACT INFORMATION:** Andy Vogel (919-918-7305) and Arche McAdoo

**INFORMATION:** The Town of Carrboro and University of North Carolina Information Technology Services are partnering to construct a continuous underground west-east conduit path for fiber-optics from 54/Jones Ferry Rd. through to W. Main St. to W. Franklin St. and ending at the UNC ITS Franklin building on Franklin St. This project will also create a continuous underground path between the ITS Franklin building and the UNC Kennon Cheek/Rebecca Clark Bldg. The project includes almost 9,000 linear feet of conduit and handholes and constructs a conduit path under the railroad tracks crossing Main St. (near Roberson St.) which is highly desirable. The collaboration vastly expands network and telecommunications route diversity for both the University and the Town and cuts the Town's major exterior fiber loop into two equal smaller fiber loops. The total cost of this project is sixty-four thousand dollars and is to be shared equally by the Town and University. The Town will pay the construction contractor sixty-four thousand dollars and the University has agreed to reimburse the Town thirty-two thousand dollars for a total cost to the Town of thirty-two thousand dollars. This project will leverage existing construction in the area and represents significant construction cost savings. The project will cost the Town approximately \$3.70 per linear foot in comparison to the typical horizontal boring costs seen in this area of \$22 per linear foot (which would not include the expense and time related to a railroad crossing).

**FISCAL & STAFF IMPACT:** The total cost of this project is \$64,000. UNC-Chapel Hill will reimburse Town for 50% of total project cost.

**RECOMMENDATION:** Staff recommends the approval of this capital improvement project.