

BOARD OF ALDERMEN

ITEM NO. C(10)

AGENDA ITEM ABSTRACT

MEETING DATE: October 16, 2012

TITLE: Authorization to Enter into a Professional Services Agreement with a Consulting Firm and Execute a Supplemental Agreement with NCDOT for Preliminary Engineering of Bicycle Detectors

DEPARTMENT: Planning	PUBLIC HEARING: YES ___ NO ___ X ___
ATTACHMENTS: A. Resolution	FOR INFORMATION CONTACT: Jeff Brubaker – 918-7329

PURPOSE

The Board of Aldermen is asked to adopt a resolution authorizing the Town Manager to execute a Professional Services Agreement with a consulting firm and execute a supplemental agreement with NCDOT for preliminary engineering (PE) for NCDOT TIP Project U-4726-DF, bicycle detection at signalized intersections.

INFORMATION

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; however, other mechanisms have been installed in various cities. Bicycle detection was recommended in the 2005 Downtown Traffic Circulation Study. Bicycle-activated, in-pavement, inductive loop detectors are described in the design guidelines (Ch. 7) of the 2009 Comprehensive Bicycle Transportation Plan.

The Planning Dept. has conducted a qualifications-based procurement process and selected the consulting firm Atkins to provide the PE services. Atkins has submitted an initial fee estimate. The resolution in *Attachment A* would authorize the Town Manager to execute a Professional Services Agreement with the firm for the services.

FISCAL AND STAFF IMPACT

The bicycle loop detector project is funded by a combination of federal Surface Transportation Program (STP-DA – 80%) and local general revenue funding (20%). The funding totals are \$30,000 STP-DA and \$7,500 local. The Board approved a Municipal Agreement with NCDOT and Capital Project Ordinance on November 22, 2011. The Municipal Agreement specifies a milestone date for PE completion of September 30, 2012. Due to staff workload and the time necessary to procure a consulting firm, this milestone date will need to be extended. The resolution in *Attachment A* also authorizes the Town Manager to execute a Supplemental Agreement with NCDOT to extend the milestone date.

RECOMMENDATION

Staff recommend that the Board of Aldermen adopt the resolution in *Attachment A*.