

## **MEMORANDUM**

TO: Roger L. Stancil, Town Manager

FROM: Lance Norris, Public Works Director  
Kumar Neppalli, Engineering Services Manager

SUBJECT: Approval of Agreement between the Town and the University for Traffic Signal Upgrades in the Campus Area

DATE: February 22, 2010

### **PURPOSE**

The attached resolution would authorize the Town Manager to enter into an agreement with the University of North Carolina at Chapel Hill for the following traffic signal measures:

- 1) Upgrades to the traffic signal at the intersection of Fordham Boulevard and Manning Drive;
- 2) Upgrades to the traffic signal at the intersection of Fordham Boulevard and Old Mason Farm Road; and
- 3) Installation of a new traffic signal at the intersection of Mason Farm Road and East Drive.

There are no Town funds required for construction of the above projects.

We recommend that the Council adopt the attached resolution.

### **BACKGROUND AND DISCUSSION**

As part of the University Development Plan, The Town Council approved several traffic safety measures for improving pedestrian and bicycle access, circulation and safety on Fordham Boulevard between Manning Drive and Old Mason Farm Road. The traffic safety improvements were recommended by the Fordham Boulevard Safety Work Group. The Town Council required that the University implement these safety measures as part of its Development Plan. The Town Council also approved installation of a new traffic signal at the intersection of Mason Farm Road and East Drive which the University agreed to design and construct the signal as part of the Development Plan. Please see the area map provided in Attachment 1.

Traffic signal upgrades includes the following measures:

- a) Crosswalks with pedestrian signals: includes high visibility crosswalks and pedestrian countdown heads.
- b) Bicycle activated loops: includes roadway sensors for bicycles on side streets.

- c) New signal timing plans: includes new coordination timings plans to accommodate the new pedestrian phasing.

Traffic signal designs for the above mentioned safety measures were completed by the University and were approved by the Town and NCDOT. The University approached the Town to assist them in bidding and constructing the above measures.

The agreement between the Town and the University includes the following elements:

- The Town will bid and award the contract(s) for the installation of traffic signal measures.
- Town will administer the construction and inspection of the project.
- The University shall reimburse one hundred percent (100%) of the actual cost of all work performed including construction cost and town staff time for bid preparation, advertisement, contract administration, and inspection.
- Upon completion and acceptance of the project, the Town or NCDOT shall own and maintain the subject traffic signals.

A copy of the agreement is provided in Attachment 2. The Town will maintain the traffic signal at the intersection of Mason Farm Road and East Drive. The Town currently maintains the traffic signals at Fordham Boulevard/Manning Drive and Fordham Boulevard/Old Mason Farm Road and NCDOT provides reimbursement to the Town.

### **RECOMMENDATION**

We recommend that the Council adopt the attached resolution that would authorize the Town Manager to enter into an agreement with University of North Carolina at Chapel Hill for the following traffic signal measures:

- 1) Upgrades to the traffic signal at the intersection of Fordham Boulevard and Manning Drive;
- 2) Upgrades to the traffic signal at the intersection of Fordham Boulevard and Old Mason Farm Road; and
- 3) Installation of a new traffic signal at the intersection of Mason Farm Road and East Drive.

### **ATTACHMENTS**

1. Area Map (p. 4).
2. Agreement (p. 5).