

May 9, 2014

Mr. Hans Larsen, Executive Director  
Town of Wellesley  
525 Washington Street  
Wellesley, MA 02482

4505-9

Re: Preliminary Traffic Impact and Access Evaluation –North 40 Parcel

Dear Mr. Larsen:

As requested, a scope of services to be performed for conducting a preliminary Traffic Impact and Access Evaluation related to the North 40 parcel is described below. The preliminary evaluation will focus on the traffic impacts and access on the roadway network system (Weston Road, Turner Road and Central Street) surrounding the parcel at key intersection locations listed below.

1. Central Street at Weston Road
  2. Central Street at Wellesley College North Entrance Driveway
  3. Linden Street and Weston Road
  4. Linden Street and Turner Road
  5. Route 9 at Weston Road
  6. Washington Street at Weston Road
  7. Crest Road at Linden Street
  8. Crest Road at Central Street
  9. Washington at Grove
- A. Discuss key components with town officials
- Review project materials (student enrollment data) and coordinate additional materials as needed
- B. Conduct field reconnaissance of the area
- Observe and identify project constraint areas particularly at future roadway and bridge connectivity for site access including potential wetlands and vernal pool impact
  - Note sight distance, grading, vertical and horizon alignment concerns
- C. Traffic data
- Utilize historical traffic data from previous projects within the study area

- D. Review potential future developments
  - Develop build-out condition analyses based on the proposed future developments/land use.
  
- E. Development trip generation and trip distribution/assignment
  - Use standard ITE Trip Generation methodology to estimate build out trip rates. Trip distribution will include student information provided by the Wellesley School Department.
  
- F. Perform intersection Level of Service (LOS) for build and no-build conditions
  - AM and PM School Peak Periods
  
- G. Assess site access alternatives related to traffic circulation and access
  
- H. Mitigation measures
  - Develop reasonable potential mitigation measures.
  
- I. Prepare memorandum summarizing findings

The fee for the above services is not to exceed \$10,000 unless otherwise approved. Any additional services, not included under this scope of services will be billed based on BETA's standard billing rate (time and material) and shall be approved by the Town.

If we can be of any further assistance regarding this matter, please contact me at our office.

Very truly yours,



Kien Ho, P.E., PTOE  
Vice President,  
**BETA Group, Inc.**