



# Hill International

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September 28, 2018

Mr. Ray Masak, P.E.  
Project Manager  
Town of Brookline Building Department  
333 Washington Street  
Brookline, MA 02445

*Amendment  
#104,138  
Additional geotech  
William Rawn Associates  
259A C204 524 003*

Dear Ray:

Attached please find a proposal for additional services from William Rawn Associates for Geotechnical Explorations at the Roberts Wing of Brookline High School. This investigation is recommended by both the design team and the construction manager.

The purpose of this investigation is to obtain data on hidden conditions – building foundation sizes and soil characteristics to obtain data to calculate bearing capacities of the same for building design. This work will also ascertain volumes and depths of foundations and soils for removal to accommodate the new building.

At \$104,138.00, this is a very expensive investigation. Obtaining this data now instead of during construction will enable the execution of the work based on data, rather than assumptions. If actual conditions are not as would be assumed without this data, there is risk of delay and added cost during construction. Potential delay once construction is underway is the concern and delay with foundations due to unknown subsurface conditions would affect the scheduled activities for the balance of the work. Therefore Hill recommends this investigation take place and the proposal for these services be accepted.

We have asked WRA to create a contract amendment for this and recommend your approval while the amendment is in process. Don't hesitate to call with any questions.

Very truly yours,

Paul G. Kalous AIA  
Program Director

cc. S. Lasky WRA  
E. Tellander WRA  
A. Jonic WRA