

LOCATION:

Newton, MA

CLIENT:

Gund Partnership on
Behalf of the City of Newton
Department of Public Works
Engineering Division

PROJECT TYPE:

Circulation & Site Access Analysis

PROJECT SUMMARY:

Analyzed Existing Conditions & Proposed Plans to Address:

- ▶ On-Site Circulation
- ▶ Site Access
- ▶ Pedestrian Safety

The City of Newton selected the Gund Partnership and Dore and Whittier to design a new Newton North High School. The new school will be located on the existing site but will require a new site plan, a new high school building, and related school facilities.

Traffic Solutions was hired to conduct preliminary traffic analyses to identify potential traffic impacts and establish minimum site access requirements. The City anticipated that traffic impacts and site access would be a concern of the abutting neighborhoods and asked Traffic Solutions to identify potential issues that would inform the site development process. This included evaluating the proposed site circulation and parking facilities which are essential to the efficient operation of the school.

The traffic analyses focused on identifying capacity constraints, analyzing potential mitigation measures, and recommending a package of improvements which will ensure that the site will be viable from a traffic access perspective and that impacts to the neighborhood will be minimized.

The study also included a recommendation on the most appropriate type(s) of traffic control for site access in accordance with accepted industry standards and practices.

Traffic Solutions also reviewed site access and circulation, including the relationships between access, circulation, and parking. Traffic Solutions worked with the architect and the City, making recommendations to the project team regarding potential improvements to the site plan based on site circulation and parking needs.

