

HIGHLAND ENGINEERING PC

Consulting & Forensic Engineers

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Consulting Specialties Offered by Highland Engineering

For the past 15 years, Highland Engineering has provided expert design, planning and management of civil construction projects, all types of residential and commercial construction and large, public infrastructure projects. Highland Engineering partners with clients to deliver expert assessments of selected sites for construction, and objective evaluation of the structural, environmental and commercial feasibility of your projects.

From beginning to end, Highland monitors progress to ensure projects move forward according to planned schedules and budgets. Clients can also be confident that all the construction activities meet quality standards and comply with statutory and regulatory requirements.

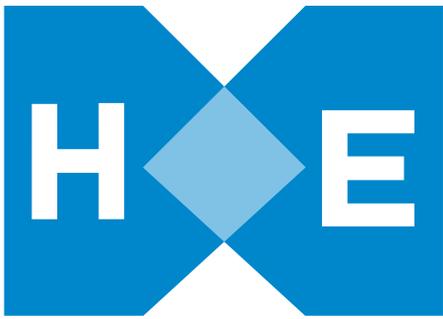
With technology's increasing role in engineering, Highland Engineering has made the investments in powerful tools and techniques that expedite design, allow for easily shared accurate data and save valuable time. Highland Engineering and their affiliates offer expert, personalized service in the following engineering specialties:

Civil
Electrical
Industrial
Process

Controls and Instrumentation
Geotechnical
Mechanical
Structural

ABOUT HIGHLAND ENGINEERING

Since 2002, Highland Engineering has successfully delivered **consulting and forensic engineering services** to a broad range of clients both locally and nationally. Our formula is simple; provide each client with personalized service and deliver outstanding results - on time and on budget. Our professionals are thorough and accurate, and have substantial experience in all aspects of commercial and industrial construction, and forensic engineering. We are consistent in sustaining the leading standards of practice, continuing education, and the use of technology in order to offer our clients the most competitive, efficient and professional services possible.



HIGHLAND ENGINEERS AT WORK CLIENT CASE STUDY

Client Experience

"Cobalt Commercial Construction has worked with Highland Engineering on multiple projects over the last several years, and were integral to our success in converting existing structures into *Life Storage* facilities in Glenview, Naperville, Barrington and LaGrange, Illinois. **The staff at Highland Engineering were very responsive and worked with us closely to repurpose the buildings with structural modifications that did not impact the overall design of our layouts. Highland's work was consistent throughout all phases of the process and they worked well with other project design professionals which enabled timely progress.** I recommend Highland Engineering to anyone needing flexible, and effective engineering solutions."

*Steve Osborne -Construction Manager
Cobalt Commercial Construction, LLC*

Highland Engineering was retained to provide consulting engineering services that included construction process evaluation for the owner of a new building. This building was designed for a faith-based organization in the greater Chicagoland area.

Following an initial safety incident during construction, an engineering investigation and evaluation was performed by Highland Engineering. The results indicated the following:

- Certain construction methods were found to be substandard;
- Inspection procedures and reporting were inadequate, and;
- Industry best practices for construction management including several communication tools were not sufficiently utilized.

Highland Engineering prepared modification details to correct design and construction deficiencies and consulted with the building owner to recommend optimal management processes to minimize future safety risk and exposure, remedy improper construction methods, and to reduce the number and length of schedule delays.

