

Cass Tech High School

Demolition . Abatement . Detroit, Michigan

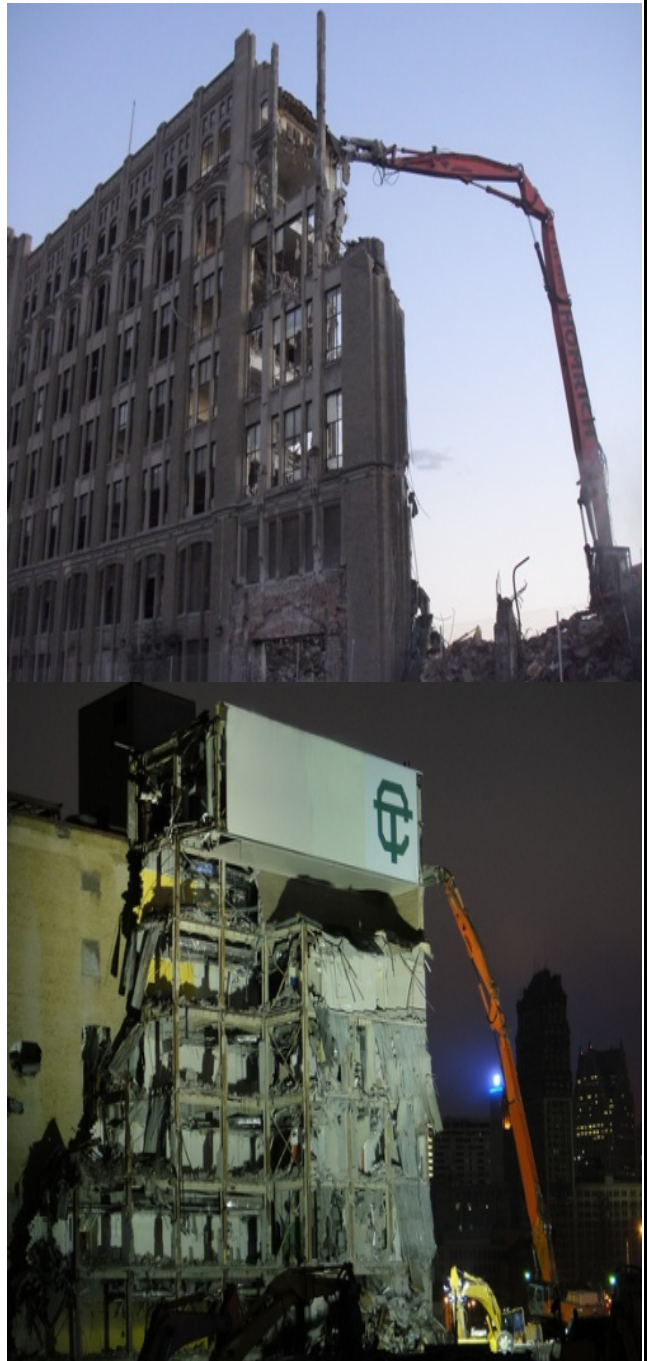
Cass Tech High School – Detroit

In 1917, Cass Technical High School was founded. One year later, the school lent space to the Ford Motor Company to allow their employees access to the industrial training facilities within the building. The school soon gained notoriety as being the flagship facility for the Detroit Public School system. It was later converted into a magnet school, and until 1977, it was the city's only magnet school, open to all Detroit students above a specific grade point average and test score.

General Project Scope

Homrich was contracted to perform the abatement and demolition of the (7) story, 830,000 sq. ft. structure. It rested on a 15 ft. basement. Homrich utilized 6-8 machines including our High Reach which has a working height of 105'. This allowed us to systematically and safely demolish the building with minimal disruption to the area. The building was approximately 5-10 feet from existing roads.

- Included the removal of approximately 40,000 tons of concrete and hardfill building materials.
- Included the removal of approximately 66,000 tons of demolition debris materials.
- Processing, preparing and recycling of 5,000 tons of scrap materials.
- Providing, placing and compacting approximately 76,000 tons of backfill on-site.
- Approximately 1,000 pieces of limestone were salvaged. Items were palletized, inventoried and shipped off site.
- Homrich was able to recycle 90% of building materials.
- Soil erosion and sedimentation control permits as well as, storm water permits were obtained for this project.
- Homrich was able to meet production goals and timelines as well as, completing the project within the contract schedule.



TOTAL DEMOLITION

HOMRICH

E 102