



# IDEAL Teams with CMI Structural Solutions to Install (101) Helical Piles for ESL Federal Credit Union Building



**IDEAL Foundation Systems**  
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The ESL Federal Credit Union project involved the installation of a deep foundation system for a new building, as well as an ATM canopy on unstable soil.

Helical piles were used to bypass the unstable soil and prevent the building from sinking in the future.

The site of the project had contaminated soils that would be difficult and expensive to remove, as well as time-consuming. Because of this, helical piles were the best solution for this project because they do not require the removal of spoils or drilling to be installed.

The use of helical piles saved time and money compared to other piling and foundation solutions.



- Number of Helical Piles:** (101)
- Pile Specs:** 2.875" O.D.
- Design Loads:** 30 kips Compression;
- Installer:** CMI Structural Solutions
- Total Install Time:** (9) Days

