



Project Status Report: CEEEn-2018CPST-008

Report Date: 4 February 2019

Team Members: Matthew Martino, Zachary Farnsworth, Melanie Latham

Project Title: LNG Storage Facility in North Carolina

1) Summary of technical/non-technical challenges encountered

- Determining correlations between SPT blow counts and friction angle, unit weight, and undrained cohesion.
- Finding the unconfined compressive strength of the various soils.

2) Team approaches & resolutions to overcome challenges

- Research online and through class information.

3) Status of challenge resolutions & potential project impact

- Correlations are still in process of being determined.
- The unconfined compressive strength was found in a slide from a foundations class.

4) Project status & summary

- Initial draft of final report includes information about pavement and constructability.

Please enter # of hours spent on project this last week for each team member in the order listed above