



Jacob Keasbey, E.I.

Land Surveyor/ Staff Engineer

1 Year at TCE

Education

B.S. Civil Engineering '17
Norwich University

Certifications

Engineering Intern (E.I.)
State of Vermont, November 2016

Work History

Rensselaer County Soil and
Water District
Troy, NY 2015

Volunteer Work

St. Peters Cancer Care Center
Event Volunteer, 2008-17

Jacob is a Survey Technician and Staff Engineer assisting with engineering and survey related field work. Jacob provides field support and review for a many of TCE's projects.

Jacob recently moved to Montpelier, VT where he has been finishing school. He hails from Schaghticoke, NY where his parents lease a small farm and his sister attends school. He enjoys fishing, hiking, and skiing in the mountains of the Northeast.

Over the past 4 years of engineering school Jacob has developed a passion for creative problem solving and a keen interest in environmental conservation. He's excited to be starting his career and looks forward to continued development of his engineering and surveying skills.

Recent Project Experience

I-89 Interstate Bridge , Milton, VT Jacob worked as a survey crew member checking layout and constructed elevations of the new I-89 bridge in Milton. The crew was tasked with the quality assurance/quality control work associated with the construction of an interstate bridge. Results were calculated in real time and reported to the Vermont Agency of Transportation and contractor.

Jericho Market, Jericho, VT Jacob assisted with the construction layout and boundary survey associated with this project. He worked as part of a survey crew to ensure proper construction of building features, landscaping, and roadways. Jacob also assisted with the boundary survey and pin setting for this project.

Mud Pond, Williston, VT Jacob provided reconnaissance and set up support on this project. As part of a survey crew, Jacob located old survey pins and boundary markers while setting up a traverse to complete a new boundary survey of the Mud Pond Park. After running the traverse and closing the survey, Jacob assisted with resetting pins and boundary markers that were not found during the survey.

Recent Course Work

- Surveying
- Site Development
- Hydrogeology
- Hydrology
- Soil Mechanics
- Transportation Engineering
- Environmental Engineering
- Waste Water Engineering

Key Skills

- Processing Survey Data
- Field Communication
- Construction Stakeouts
- Boundary & Topographic Surveys
- Quality Control
- GPS Data Collection & Processing
- AutoCAD Drafting