



## Land Surveying and GIS - What, When, and Why! *A Virtual Client Seminar*

Reliable land surveys are the foundation on which site development and infrastructure design improvements are based. Do you know how to most effectively communicate what you need to the land surveyors on your team?

Join Nitsch Engineering for a virtual client seminar where Senior Project Manager **Mark Violette, PLS** and Project Manager **Jeff Campbell, PLS** will talk about the different types of land surveys and how to go about acquiring the services you need for **site development projects**. Topics covered will include property line retracement surveys, data accumulation (topographic and utility) surveys, ALTA/NSPS title insurance surveys, high-definition (laser scanning) surveys, drone surveys, aerial photogrammetry controls and surveys, and GIS.

Attendees will learn:

- About the various types of surveys, and the right questions to ask to avoid over- or under-scoping a project at the outset.
- How survey accuracy impacts survey costs.
- How the same survey can be generated at various levels of detail to be more beneficial to the ultimate project goals.
- About modern survey equipment, including laser scanning, drones, and GIS, and how the appropriate use of these various tools can be beneficial to your project.

**Don't miss out: registration closes at noon on Tuesday, February 2nd!**

Civil Engineering • Transportation Engineering • Structural Engineering  
Land Surveying • Green Infrastructure • Planning • GIS  
Boston, MA • Lawrence, MA • Worcester, MA • Washington, DC  
[www.nitscheng.com](http://www.nitscheng.com) • [info@nitscheng.com](mailto:info@nitscheng.com)



Register Now

**Date:**

Wednesday, February 3,  
2021

**Time:**

1:30 - 2:30 p.m.  
(Eastern Time)

**Join Online:**

Link for the live stream program will be sent to registrants the day before the event.

*This virtual client seminar will provide 1 AIA LU.*

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