



Case Study Category: SUE

Case Study Title: Application of Ground Penetrating Radar to Distinguish Between the Buried Assets Which are Located Vertically Parallel in New York City, NY

Utility Name: New York, NY

Case Study Abstract: SUE is an engineering process used to identify and map underground utilities and structures as well as assign a quality level to data. There are different geophysical techniques available to acquire data regarding the two-dimensional location of underground utilities. It is important for designers or engineers to be familiar with various geophysical methods for successful designations of underground utilities. GPR and EM technologies are two predominant technologies that are used in designating and locating the underground utilities. This case study investigated the application of the ground penetrating radar (GPR) technology to locate underground utilities which are located vertically parallel.

Case Study Link: <http://waterid.org/content/application-ground-penetrating-radar-distinguish-between-buried-assets-which-are-located-ver>