



Subsurface Utility Engineering

Accurate utility data is crucial in avoiding infrastructure-related delays before and during construction. Horizontal discrepancies and utility line omissions are just a few of the many utility inaccuracies that result in higher project costs. Subsurface utility engineering (SUE), a process that accurately identifies the quality of subsurface utility information, is no longer a commodity—it is a viable component for utility engineering. With Woolpert's SUE services, we provide you with a proactive solution to help you prevent unnecessary delays and exorbitant project costs that result from inaccurate or incomplete utility data. And with offices and registered professionals throughout the country, we provide these services wherever you need them.

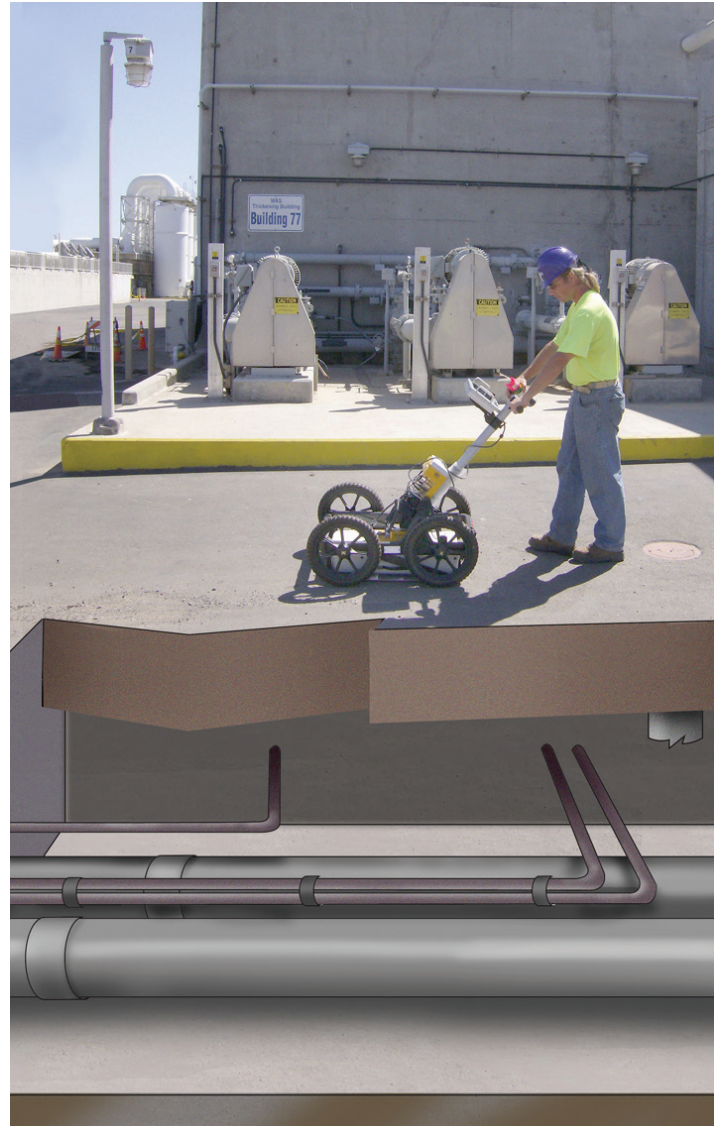
With SUE, reliable data translates into substantial cost savings. SUE helps designers avoid unexpected utility conflicts, construction delays, and redesign costs by allowing for slight vertical and horizontal design adjustments—before construction commences. Woolpert is committed to investing in the most current technology, including GPR, which provides you with an added layer of subsurface utility investigative

Using Woolpert's SUE services, you are equipped with accurate and complete utility data to keep your project moving.



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ability using a radar pulse to detect objects such as storage tanks and utility lines without drilling through or excavating the soil. Using dependable and accurate infrastructure data, you can make confident design decisions regarding existing utilities.

We understand that different clients require different levels of SUE service. Our knowledge and experience with all quality levels (A, B, C, and D) allow us to accommodate your specific project needs. Our professionals are also highly experienced with industry-specific quality assurance projects, providing you with the confidence you need to move forward with design and construction. And as one of the largest survey companies in the U.S. with more than 150 technical and

professional experts, Woolpert offers complete turnkey survey services, eliminating the hassle associated with contracting multiple consultants to provide the survey and SUE project solutions you require.

Woolpert also takes SUE one step further with the ability to integrate the data collected during the SUE process into an interoperable system using the most up-to-date software technologies and GIS capabilities. This allows you to manage and update your data through a comprehensive database, thus providing you with a reliable utility map for future projects. Using this service, utility asset management is now easier, more accurate, and extremely cost-efficient with access to comprehensive infrastructure data.

For more information, please call 800.414.1045
or visit our website at woolpert.com


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