

ASCE STANDARD

American Society of Civil Engineers

Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data

This document uses both Système International (SI) units and customary units.



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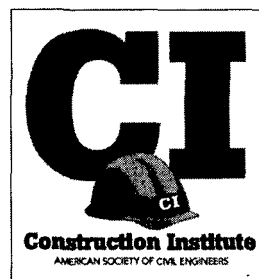
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ABSTRACT

New and emerging technologies allow for the cost-effective collection and depiction of existing utility information. This convergence of technologies and systematic use of the data derived from these technologies is known as subsurface utility engineering (SUE). A key component of SUE is affixing an attribute to utility information that denotes the quality of that utility information. This widespread and growing attribution process will benefit from the application of these guidelines and the establishment of a credible nomenclature system. Therefore, the intent of this standard guideline is to present a system of classifying the quality of existing subsurface utility data. Such a process will allow the project owner, design engineer, subsurface utility engineer, constructor, and utility owner to develop strategies to manage risks caused by existing subsurface utilities in a defined manner.

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