



PROVEN ACCURACY

IN 2019
THERE WAS A
99%+
RATE OF ACCURACY OUT OF
70,000+
PROJECTS
COMPLETED

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A SAFE PLAN WILL INCLUDE:

- 1 Information about sub-surface hazards should be gained by examining existing records, drawings or oral recollections.
- 2 Obtaining information about utility or reinforcement whereabouts by visually examining above ground features.
- 3 Hiring a locating/scanner contractor that follows a strict specification for training, equipment and methodology.
- 4 Determine precise horizontal and vertical location of utilities and reinforcement prior to excavation or coring.





The **SIM** specification standard is the industry-leading, metrics-based guideline for the underground locating and concrete scanning industries. SIM includes these three main elements:

✓ EQUIPMENT

The SIM standard specifies that a professional locating contractor must utilize multiple locating technologies. These include ground penetrating radar (GPR) and electromagnetic pipe locators (EM). Utilizing multiple technologies while locating will capitalize on each tool's strength – creating a redundant confirmation when designating subsurface elements.

✓ TRAINING

The national standard for certification (ASNT SNT-TC-1A) states that a minimum of 8 hours of classroom training and 60 hours of practical application coaching is needed to be certified as NDT Level 1. The SIM Specification details much more than these requirements. To be SIM certified an operator must complete a minimum of 8 weeks of field mentoring and 2 weeks of classroom training.

✓ METHODOLOGY

When completing a professional locate on your jobsite, having the right training and the best tools is only part of the equation. SIM addresses a step-by-step approach to collecting subsurface data to ensure that the results are repeatable and accurate. SIM practitioners must follow a checklist that is designed to ensure optimal results for every situation encountered in the field.

