

# RESULTS

IN 2019 THERE WAS A

# 99% +

# RATE OF ACCURACY

# 60,000+ PROJECTS COMPLETED



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## A GOOD 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.




**SIMSPEC.ORG**



THE  
**RIGHT  
PEOPLE**  
PAIRED WITH THE  
**RIGHT  
TECHNOLOGIES**





The SIM standard operating procedure is the **metrics-based guideline** for all locating contractors. It provides hiring contractors with three key measurements that can be used to grade the quality of the locating contractor on their job site. The SIM standard **elevates** the level of **professionalism and accuracy** you receive from your professional locating contractors.



## METHODOLOGY

Having the right training and the best equipment is only part of the solution when considering a professional locate on your jobsite. The final piece outlined by the SIM specification is the locate methodology or, the systematic step-by-step approach to collecting subsurface data to ensure that the locating results are reliable and accurate. Each technology needs to be utilized systematically to collect subsurface data and the correct technologies and methods need to be chosen for each site and situation. Therefore, SIM practitioners must be deployed who have a consultative approach and an aptitude and passion for problem-solving. They must then follow a checklist that is designed to ensure optimal results for each situation being encountered and each technology being used."



## TRAINING

The national standard for certification (ASNT SNT-TC-1A) states a minimum of 8 hours of classroom training and 60 hours of practical application coaching is needed to be certified as "NDT Level 1." Honestly, this isn't nearly enough. The SIM requirement states that 8 weeks of field mentoring and 2 weeks of classroom training are required prior to field locating. This prescription ensures you receive expert-level locating on your job site.



## EQUIPMENT

The SIM standard specifies that a professional locating contractor utilize two primary technologies. The first is electromagnetic pipe locating and the second is ground penetrating radar. Utilizing both technologies while locating on your job site capitalizing each technology's strength and creating a redundant confirmation when determining the location of subsurface elements. These two technologies are only the bare minimum requirement. A comprehensive locate will employ many other tools – beyond the two primary technologies. These other tools can be applied depending on the job specific scenario.

