

UTILITY SERVICES

VACUUM EXCAVATION & SUE SERVICES



Save time and money by utilizing RECONN's vacuum excavation services.

ELIMINATE THE RISK WITH VACUUM EXCAVATION

Vacuum excavation offers a safe, precise and productive method for excavation in congested areas of underground infrastructure.

RECONN

MAINTAINING INFRASTRUCTURE

Nationwide, utility companies depend on our experienced teams and superior technology to survey the integrity of their assets and to protect and manage their infrastructure. Reconn provides the necessary detailed data to improve upon your infrastructure for the long term. Reconn is a USIC, LLC. company.

A  COMPANY



RECONNUS.com



VACUUM EXCAVATION & SUE SERVICES

Every day, contractors, municipalities and utilities excavate for the installation of underground facilities, or to locate existing pipes, cables and lines for maintenance and repairs. This process usually involves digging by hand or with a mechanical excavator, backhoe or similar machine. Vacuum Excavation is a much safer and efficient alternative to these conventional methods of excavation.

SERVICES PERFORMED:

- Facility Verification
- Trenching (Exposing or Installing)
- Cathodic Protection/Anode Installation
- Exposing & Cleaning Out Valves
- Marker Post Installation
- E-Ball/ Marker Ball Installation
- Storm Water Management
- Post Storm Utility Installation

CLIENT BENEFITS:

- Public Safety
- Protect Life & Property
- Increase Productivity
- Reduce Cost
- Eliminate Down Time
- Non Destructive Excavation

NOTABLE STATISTICS:

- Every \$1.00 invested in Subsurface Utility Engineering results in \$4.62 ⁽¹⁾
- 150,000+ Potholes completed annually
- 100,000+ hrs. without a recorded injury
- 10,000+ Vacuum excavation projects annually

(1) 1996 Federal Highway Administration (FHWA) commissioned Purdue University study



THE SUE PROCESS:

By locating the utility's precise horizontal and vertical position, our clients can plan for proper protection, eliminate potential damage and safety hazards during construction, and avoid unnecessary and costly utility relocations.

SCOPE OF WORK:

The process of developing a written project-specific work plan that consists of scope of work, levels of service vs. risk allocation, project schedule and desired project delivery method.

DESIGNATING:

The process of using surface geophysical methods to interpret the presence of a subsurface utility and mark its horizontal position – its designation – on the ground surface. Utility owners and contractors sometimes call this process “locating.”

LOCATING:

The process of exposing and recording the precise vertical and horizontal location of an underground utility. This typically involves nondestructive digging equipment, such as vacuum excavation, at critical points along an underground utility's path to determine the precise horizontal and vertical position, size and material composition of the underground utility line.

DATA MANAGEMENT:

The process of surveying the designating and locating utility information to project control and transferring the data into the client's project CADD files, GIS files or project plans.

CONFLICT ANALYSIS:

The process of using engineering judgment, based on engineering and design best practices, to evaluate and compare depicted utility designating and locating information with proposed plans (highway, bridge, drainage, etc.) to inform all stakeholders of potential conflicts, potential resolutions and costs to cure.

