



Boring • Drilling • Vacuum Excavating

Underground, We're a Cut Above



Specialized Services Company

Specialized Services Company (SSC) is a family-owned and operated company. Since 1969, we've been hard at work building Arizona's underground, earning our reputation for exceptional quality through consistent excellence on every job. As a result, SSC has grown to become the leading trenchless technology company in the state.

SSC was founded on a core set of values that serve as our foundation for continued success. By empowering our employees to embrace a professional pride and a primary focus on safety in everything they do, we've created an atmosphere that promotes superior customer service along with an excellent safety record.

It's not only our employees and customers that matter to us – we care deeply about our community, too! SSC believes in being involved and giving back to the community that has supported our growth. Through business leadership, neighborhood activism and charitable giving, SSC is doing whatever we can to make our area a better place to live, work and play.

We invite you to experience our professionalism and service as our customer. Let us show you how our experience, expertise and values can make your next project safe and successful. For more information, call SSC at (602) 997-6164 or visit our website www.sscboring.com.

SBE CERTIFIED • AZ ROC #085634A
(602) 997-6164 • WWW.SSCBORING.COM



Trenchless Technology

Trenchless technology allows for the placement of casing under freeways, canals, roads, railroad, light rail tracks and anywhere else that open cutting or disturbing the surface is not feasible. These options place steel casing in sizes ranging from 8" to over 120" to carry a variety of carrier line types and sizes.

SSC has the experience, equipment and resources to perform crossings utilizing a variety of trenchless methods including:

- ▶ Horizontal Earth Auger Boring
- ▶ Hand Tunnelling
- ▶ Small Boring Unit (SBU)
- ▶ Boring Machine Tunnel Attachment (BMTA)
- ▶ Pneumatic Pipe Ramming

All of these options follow a similar procedure of working out of a bore pit to form a bore or tunnel horizontally through the earth to a reception pit while the steel casing is jacked into place where the earth has been removed. The carrier line (utility) is then jacked or pushed into the steel casing once it is fully installed.

The choice of methodology is dependent on a multitude of factors including soil conditions, jobsite access, length and size of casing, time constraints and type of carrier line being installed. SSC has the experience in these and many other methods to help make your project successful.

Vacuum Excavation

Vacuum excavation is a process of utilizing the kinetic energy of a high velocity air stream, generated by air compressors, to penetrate, expand and break up soil that can then be removed from the hole with a powerful vacuum. SSC is equipped with a fleet of Vacuum Trucks that are built to complete this process in a safe and efficient manner.

Vacuum excavation can be used in a multitude of applications including:

- ▶ Utility Locating and Mapping
- ▶ Subsurface Utility Engineering (SUE)
- ▶ Trenching or vertically excavating in areas highly congested with utilities
- ▶ Debris removal
- ▶ Confined space excavation

SSC's preferred method of vacuum excavating is utilizing air. However, we understand that some projects and clients require hydro-vac services and we are equipped to meet those needs.

In addition to performing vacuum excavating, SSC's team includes a CAD technician to convert the field maps into computerized format for use in the design of projects. SSC will also coordinate permits, traffic control and any required backfill or surface patching that clients require.

Contact SSC today to find out more about how our vacuum excavation services can improve the efficiency and safety of your next project!





Consulting and Education

SSC can help you overcome challenges by bringing more than four decades of experience to your project as consultants. At the engineering, design or construction phase, this knowledgeable team is available to review geotechnical reports, project specifications and plans to advise on feasible trenchless options for the installation of utilities. SSC has been proud to be a member of multiple design-build and construction manager at risk teams, helping to successfully and safely construct many high-profile projects.

In addition to consulting, SSC has a passion for educating the construction community on the benefits and capabilities of trenchless technology and vacuum excavating. Third generation owner Arvid Veidmark III has spoken at conferences internationally, presenting case studies of real world trenchless projects and first hand experience. Closer to home he also conducts Lunch and Learn sessions with local engineering firms and municipalities to teach how to incorporate trenchless methodologies into the projects that they design, along with the benefits of vacuum potholing/SUE at the design and construction phase.

SSC's team of experts look forward to the opportunity to put their decades of knowledge and hands-on experience to work for you! We are known throughout our industry for our ability to innovate practical solutions without sacrificing safety. Call us and allow our expertise to make your next project a success!

Trenchless Rehabilitation & Other Services

Not all projects call for a new utility line to be placed – sometimes the path is there and the existing line needs to either be replaced, expanded or repaired. As existing underground infrastructure ages, demand is growing for the ability to rehabilitate utility lines. SSC is equipped to offer services that can be utilized for this purpose. Some options are:

- ▶ Centrifugally Cast Concrete Pipe (CCCP): creates a concrete coating inside of deteriorating water lines and storm drains
- ▶ Slip Lining: Pulls and places a liner inside of water and sewer lines to extend their useful life
- ▶ Pipe Bursting: Using pneumatics, existing lines are burst, leaving a void that a new (sometimes larger) line can be installed in

As with new trenchless construction, the method chosen for rehabilitating utility lines is dependent on many factors. SSC can help you evaluate the project and select the best option for your situation.

In addition to providing all of these new and rehab trenchless services, SSC is equipped and staffed to provide the support services that make these projects possible including:

- ▶ Digging bore and reception pits
- ▶ Shoring
- ▶ Welding and placing casing in open cut excavations
- ▶ Skidding carrier lines

SSC's mission is to be your one-stop contractor for all trenchless needs. Call us today at (602) 997-6164 or visit our website at www.sscboring.com to learn more.





SSC Global

While Arizona has always been home for SSC, its team has consulted on and performed projects in several other states and territories. SSC Management has identified that a critical component of its growth strategy includes targeting markets and projects outside of Arizona to participate in. This decision to expand the geographic reaches of its services created the launch of SSC Global.

Having a strong home base is critical to SSC Global's ability to service projects wherever they may be. Built upon over four decades of SSC's experience, SSC Global can rely on the support of its Arizona operation to successfully meet the needs of clients outside of Arizona. With a full team of administrative professionals to ensure the legal and financial needs of projects are cared for and SSC's mechanic shop and staff to prepare its vehicle and equipment fleet for travel, SSC Global's clients can expect the same level of service that its Arizona clients have come to expect.

SSC's team and history also provide the resources for SSC Global to meet the bonding and insurance requirements of agencies across the US and abroad. SSC Global exists to be a part of your construction team no matter where the job is – call us today to learn more, or visit our website www.sscboring.com/global.



GLOBAL

*Delivering Trenchless Technology
Consulting and Construction Worldwide*