

MINING & METALS OVERVIEW

CAPABILITIES

- General Contracting
- Design-Build
- Construction Management
- EPC
- Structural Steel Erection & Fabrication
- Pipefitting & Pipe Welding
- Equipment & Conveyor Assembly
- HDPE Pipelines
- TIG, MIG & ARC Welding
- Mechanical
- Concrete
- Electrical, Instrumentation & Automation
- Metal Buildings
- Site Logistics
- Post-Construction Support
- Due Diligence Services
- Property Transaction Support
- Site Planning
- Land Surveying
- Environmental Consulting
- Natural Resources
- Permitting Strategy
- Civil Design
- Stormwater Management
- Construction Management
- Property Condition Assessments

Atwell's construction division, Strategic Construction Solutions (SCS), is a leading provider to the mining and metals markets. As industrial constructors, our team is focused on supporting new construction, on-site facility development and ongoing maintenance programs.

As resource markets fluctuate, so do the operational needs of our clients. Knowing the challenges of these often complex and fast-paced projects, we perform according to three basic principles: safety, quality and results. Our leadership team focuses on the constructability, efficiency and functionality of each project it builds, protecting our clients' investments, commitments and reputations.

GREENFIELD & RESTARTS

Global mining organizations are constantly evaluating and adjusting holdings and operations to meet market demand. Atwell provides program-level management and technical services to bring new and dated facilities online, as well as expand operational reach at existing mine locations.

PROCESSING FACILITIES

The processing of mined resources is a critical step requiring speed, quality and safety. Atwell provides clients with the development and construction expertise to build, renovate and maintain critical processing, logistics and transportation systems, taking valuable product from the mine to the market.

MAINTENANCE PROGRAMS

Atwell currently supports ongoing operations at numerous mine sites, with on-site and on-call construction and management professionals providing preventative maintenance, repair work and renovation services to maintain functional, safe facilities.



PROOF POSITIVE

Copper Mine Returns Online

Constantly balancing the need for speed and safety, Atwell supported a nearly \$200 million renovation project designed to restore a retired Arizona mining site to a modern operation that could produce copper and molybdenum concentrate yielding about 60,000 tons per year.

Providing general contracting,

construction management and industrial construction services, Atwell's participation in this massive copper mine project included: structural steel remediation; new steel installation; siding removal and replacement; concrete foundation repair and replacement; 600 tons of steel removal and replacement; 23,600 lineal feet of pipeline removal and

replacement; and upgrades to all necessary processing systems, tanks and mechanical work. The restored operation came online before the desired deadline, providing additional production value to the global mining organization and adding more than 650 jobs to the local economy sooner than expected.

Overland Mining Conveyor Construction

On behalf of a global mining organization, SCS teamed with a materials handling system provider to design and install numerous overall and portable conveyors at several southwestern mining sites. Projects included:

replacement of a 2360, 7,600-foot x 72-inch overland conveyor and supporting infrastructure for a leach pad; installation of a new conveyor of the same size and supporting the extension of

the agglomerator feed conveyor; installation of a 300-foot x 72-inch portable staking conveyor, with the complete build-out of structural steel, mechanical and electrical systems

Increased Pumping, Increased Production

SCS was hired by a global mining organization to install an improved raffinate pumping system, resulting in an increase in copper production at this Southwest facility. Critical to the copper extraction process, the new system installation

involved a large, stainless steel piping system, High-Density Polyethylene (HDPE) piping and two 500-horsepower pumps, along with ancillary structure. With a contract value of nearly \$2 million, this upgrade was delivered on time and on budget. Specific

services included: civil and concrete placement; structural and mechanical installation; stainless steel and HDPE piping fabrication and installation; as well as the electrical and instrumentation upgrades required.

We bring our specialists, knowledge and resources together to **solve the challenge** at hand and create a favorable, profitable – perhaps even enjoyable – experience for everyone involved.