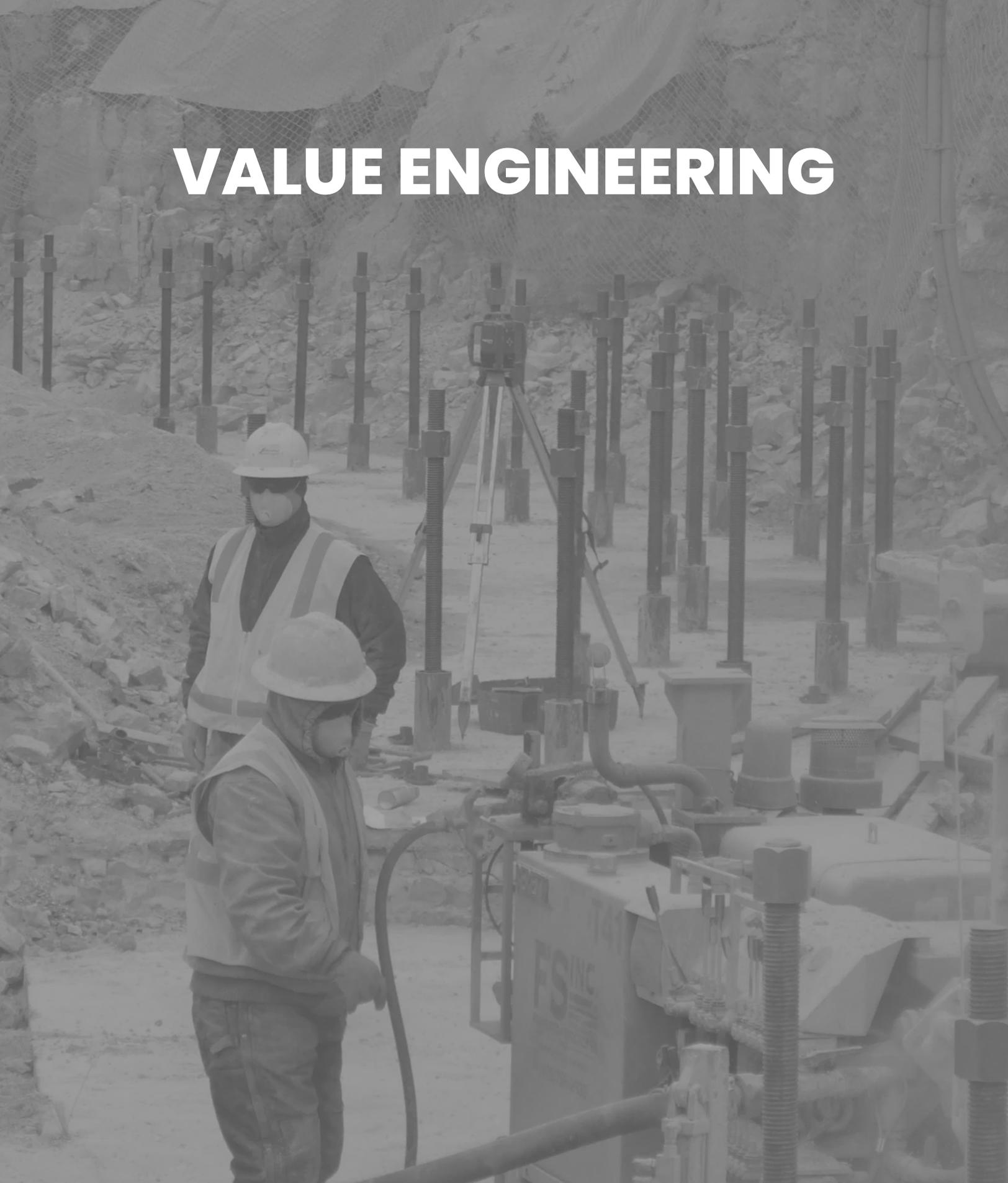


VALUE ENGINEERING



**FOUNDATION
SPECIALTIES**

GEOSTRUCTURAL CONSTRUCTION



VALUE ENGINEERING

THE BEST TIME FOR V.E

In today's economy, it is typical for construction projects to be over-budget and material lead times extending build schedules. These common challenges have many builders looking for a way to improve schedules and lower costs which leads them down the value engineering path.

GREATEST VALUE

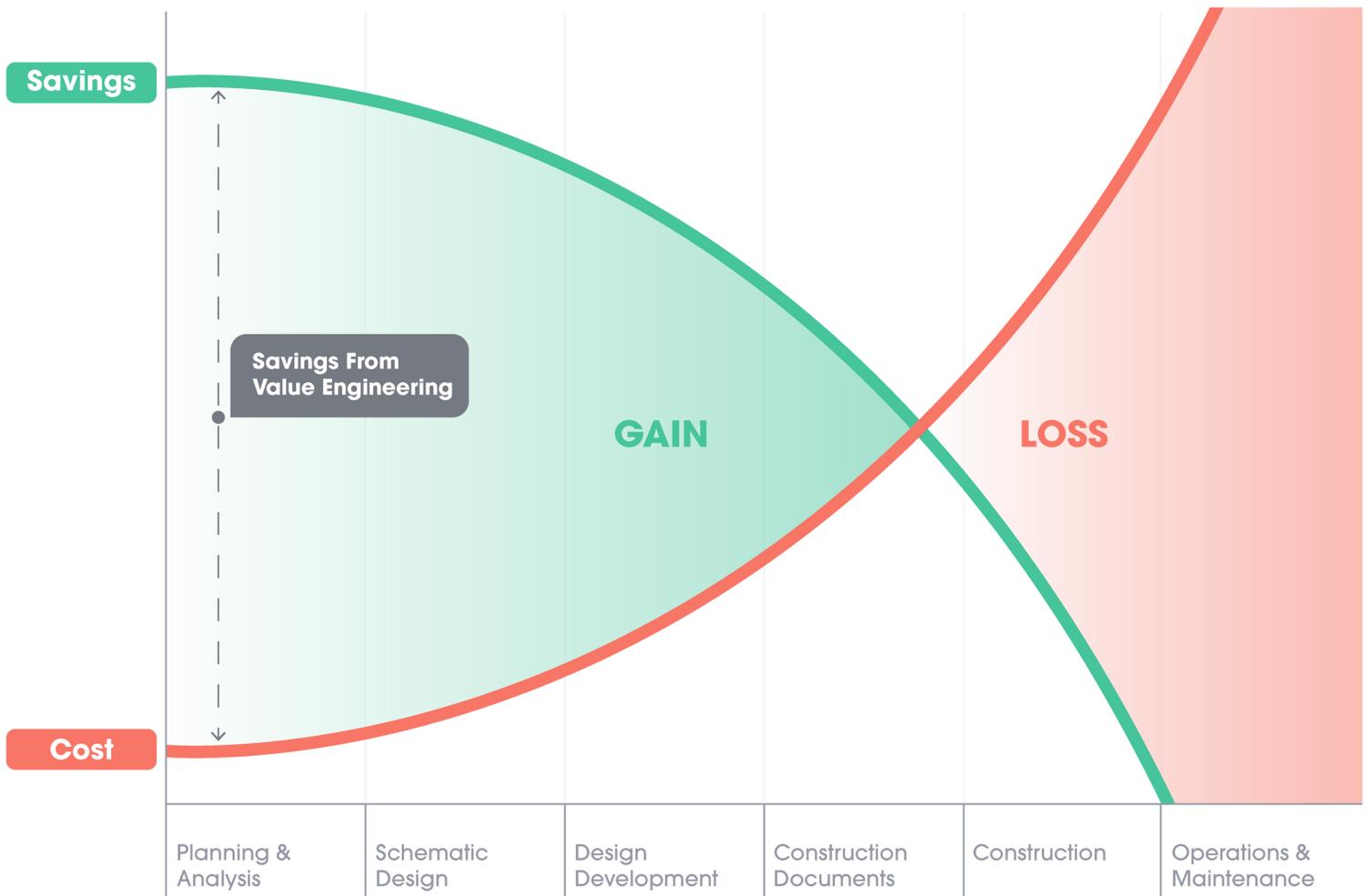
The great news is that value engineering is an excellent path to find lower costs and improved schedules, the bad news is that to obtain the greatest value for owners, value engineering needs to be applied early on in the Planning & Design phase of the construction process, not in the Construction Plans. It is not wrong to look at value engineering solutions, but the closer the process is to the Schematic Design stage, the better potential value the owner will see.



VISUALIZATION



Potential value of Value Engineering Applications



Time When Value Engineering is Performed



TOOLS & TECHNIQUES



PLANNING & SCHEDULING

Our team at Foundation Specialties Geostructural Construction (FSGC) is experienced at many geostructural techniques and more importantly is able to leverage our extensive knowledge and experience of structural and geotechnical engineering to provide some excellent value engineering solutions. By engaging FSGC early in the planning and design phases of your project, we can suggest approaches that will lead to lower costs and/or better schedules.





EXAMPLES

HARD SAVINGS

Some of the benefits of recent FSGC's value engineered solutions include:

- After reviewing the Geotechnical report, FSGC recommended a solution that provided a savings of over \$100,000 on the foundations in the renovation of a Central Arkansas High School meeting room and improved the schedule by 50%
- Working with the structural EOR, FSGC solution led to a savings of over \$200,000 on the foundations of a two-story addition for a Technical College in Oklahoma City through the use of a permanent shotcrete wall with soil anchors
- Working with the owner, FSGC's solution enabled a savings of over \$150,000 on a wall stabilization project for an industrial facility in Wichita, KS and improved the schedule by 55%.

The team at FSGC enjoys the opportunity to engage early on with structural engineers, geotechnical engineers, owners and/or general contractors during the design phases to find creative value engineered solutions in foundation designs, underpinning and support of excavation.

