



**INSPIRING BETTER
SOLUTIONS TO THE
WORLD'S PROBLEMS**

SVS-INC.COM

Strategic Value Solutions doesn't stop at "inspiring better solutions to the world's problems." We also create opportunities for you with your own infrastructure projects.

For years, we've been well respected as a value engineering company who brings solutions and efficiencies to our clients. In fact, SVS has helped to define and optimize solutions on over \$100B of capital projects for 150+ public and private clients.

And we're always striving to offer more – more possibilities; more innovations; more perspectives; more tools; and, of course, more value. Value is, after all, our middle name and it's also at the center of who we are and what we do. Leveraging our broad network of industry-recognized subject matter experts, we provide independent, third-party evaluations of programs and projects to optimize both your project management and your value proposition.

We are problem solvers.

With objectivity and expertise, SVS guides teams in assessing project costs; risks; planning; engineering; alternatives; and more.

\$100B+

OPTIMIZED SOLUTIONS ON OVER
\$100B OF CAPITAL PROJECTS

150+

PERSONALIZED SERVICES
FOR OVER 150 PUBLIC
& PRIVATE CLIENTS

With infrastructure development predicted to double in the next five or so years, and with productivity in our industry remaining mostly flat, it's imperative to maximize project management skills and team performance – both in offices and on sites.

SVS is a vital partner in helping you achieve maximum potential.

Our team of experts has the talent and dedication to ensure you achieve your mission and optimize your possibilities. When you partner with us, you'll receive comprehensive value improvement on an array of initiatives, such as Project Delivery Strategy; Risk Identification; Project Performance; and

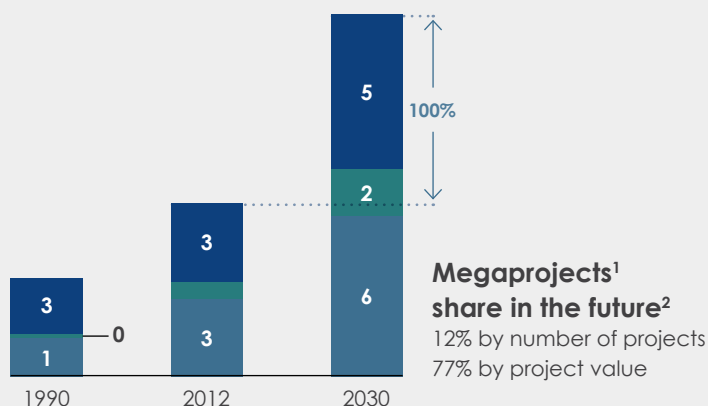
- Creating Optimal Design Configuration
- Validating Key Assumptions and Constraints
- Estimating Construction Cost and Schedule
- Facilitating Construction Phasing and Packaging.

Acting as trusted partners and consultants, our team leads customized, meaningful workshops to align participants and leverage their knowledge so that they can achieve the mission, vision, and objectives of your organization.

Infrastructure investment will double in the next 15 years.

Global infrastructure investment by industry¹

Selected years, constant 2005 prices and exchange rates, \$ trillion



¹ Forecast assumes price of capital goods increases at same rate as other goods and assumes no change in inventory.

² Project award date 2015 and beyond.

Source: McKinsey analysis

\$20B+

300:1

SAVED OUR
CLIENTS
OVER \$20B

AVERAGED
300:1 RETURN
ON INVESTMENT

VALUE PLANNING/
ENGINEERING

RISK MANAGEMENT

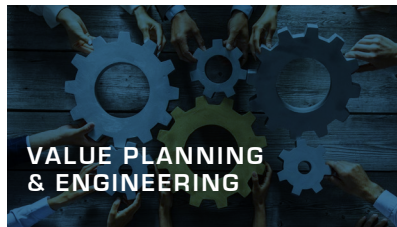
CONSTRUCTION
PLANNING

COST ESTIMATING/
ANALYSIS

INDEPENDENT
TECHNICAL REVIEWS

ORGANIZATIONAL
OPTIMIZATION

We provide broad services to enhance your infrastructure projects.



We apply expert analysis to enhance the feasibility of your project, including performance, resource utilization, and cost effectiveness.



We help anticipate uncertainties on your project by identifying potential threats, quantifying impacts, and developing strategies to maximize project success.



Our cost professionals accurately define and assess all project costs in planning and design to better manage resource allocation.

In 2021 alone, SVS reviewed

\$3.5 Billion

in floodwalls and
levee projects

\$1.4 Billion

offered savings

40%

savings potential for USACE
and their local sponsors



Our experts optimize project delivery by anticipating construction obstacles, reducing cost drivers, and improving project staging, phasing, and packaging.



We lead third-party quality review workshops to validate project performance and identify opportunities for improvement.



Our experts will align your organization to work more efficiently and effectively toward your objectives.

Our innovative approach to improving performance has been successful across industries and projects. Evidence of our success is reflected in the following projects – and we encourage you to let these examples inspire possibilities for your projects!



SVS received a Department of Defense contractor of the year award.

The U.S. Army Corps of Engineers and the Army Chief of Staff for Installation Management needed to develop a cost effective and accelerated project delivery system in order to design and construct **\$50 billion of new and renovated facilities for the Army**. We facilitated a customized approach that **saved \$10 billion and delivered 100% of the program scope well ahead of schedule**.



SVS won an environmental award and a value engineering award and was nominated for a civil engineering design award.

SVS recommended a total redesign for a large flood control program on an urban river, that carried an estimated \$42 million dollar construction cost. The SVS-implemented design achieved the City's goals for a more **environmentally friendly solution**, expanded the **flood protection** capability, and **saved \$36.5 million – an 86% savings** from the original estimate!



Our recommendations also saved over \$38 million (16%) in construction costs.

When a new water conveyance system project, with costs estimated at \$240 million, came to us, we conducted five workshops to determine how to optimize value. Implementation of SVS's recommendations resulted in **reduced system maintenance, improved operations, and reduced risk from seismic events**.



Our recommendations also saved over \$260 million in construction costs.

SVS **saved a state highway department 5 years off the original construction schedule** of an \$800 million project to widen and reconstruct eight miles of urban freeway from six lanes to eight lanes, with two major system to system interchanges as well as eight service interchanges.

Do you need a fresh perspective and expert guidance to maximize the value of your investments?

Are you looking to minimize the lifecycle costs of owning and operating your infrastructure systems? Maybe you're looking for a way to test the appropriateness of key assumptions and constraints that are defining proposed solutions and driving costs?

SVS offers diverse solutions and meaningful techniques to help you

- Challenge cost drivers
- Identify and manage risks
- Differentiate between wants and needs
- Prioritize the implementation of program/project elements
- Clearly define key project success factors
- Execute analysis of alternatives and offer options for consideration.

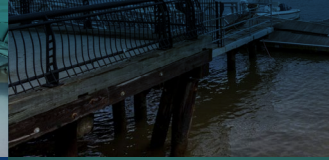
Our customized workshops and tools increase your confidence that your proposed solution will actually solve your customer's problem and that your proposed solution incorporates the best practices within the industry. In addition, we help you make certain that

- The project can be delivered within budget
- The schedule is achievable
- The proposed solution is defensible (project validation)
- Mandated project requirements are achieved.

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WATER



WATERWAYS & PORTS





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SVS-INC.com

SVS creates opportunities
for you to maximize value from
your infrastructure investments.

Contact us today!



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