
PARSONS
CONSTRUCTION
Sustainable Building Solutions

The Department of Energy awarded the SWPF construction site the Voluntary Protection Program (VPP) merit status for excellence in safety and health.

Construction Capabilities

Parsons' construction capabilities complement our engineering and design experience, which means that we can offer our customers the security of seamless communication between design and construction. In today's rapidly evolving alternative project delivery market, Parsons offers extraordinary value by housing everything our customers look for — financial strength; bonding capacity; and design, construction engineering, and construction services — under one roof. We have completed more than 80 alternative delivery projects, worth more than $27 billion, and the numbers continue to grow. Parsons' customers can expect state-of-the-art service through innovative technology packages such as PAR-LINK® and PARBID™, and our companywide certification under the International Organization for Standardization 9001 means that our projects meet the most stringent quality standards. We have a long history in construction, but recently Parsons re-committed to growing our heavy civil construction business and augmented our estimating and construction engineering capabilities. We have a reputation throughout the engineering and construction industry for answering the toughest challenges and for delivering award-winning projects, but Parsons will never be content to rest on that reputation — we are committed to building on it.

About Parsons

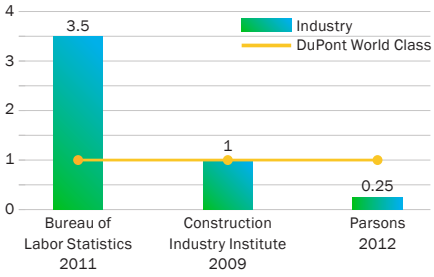
Parsons Is a leading technology firm driving the future of critical Infrastructure, defense, and Intelligence. With a history of disruption beginning in 1944, we apply our distinct perspective to help our customers confront the Issues of tomorrow In every domain - land, sea, air, space, and cyber.

Parsons delivers design/design-build, program/construction management, and other professional services packaged in innovative alternative delivery methods to federal, regional, and local government agencies, as well as to private industrial customers worldwide. We conquer the toughest logistical and technical challenges and deliver landmark projects across the globe. Today, more than 15,000 employees are engaged in executing nearly 5,000 projects in 50 states and 28 countries around the world.

Parsons' Successful Safety Record

- One of five companies invited to participate in OSHA's companywide Voluntary Protection Program (VPP)
- Received 398 Occupational Excellence awards and 413 Perfect Record awards from the National Safety Council (more than any other member)
- Achieved world-class status on DuPont Survey
- Safety culture has led to lower cost
  - Lost workday case rate of 0.05, days away restricted or transferred rate of 0.28, total recordable incident rate (TRIR) of 0.25
  - Workers' compensation costs of $0.20 per $1 million payroll; industry average is $2 per $1 million

Recordable Incident Rate Benchmarking:



Project Highlights

- **Project**
  Salt Waste Processing Facility (SWPF)
- **Delivery Method**
  Design-Build
- **Customer**
  US Department of Energy
- **Project Value**
  $1.7 billion
- **Location**
  Aiken, South Carolina

Parsons is responsible for the complete technology development and implementation of the SWPF project. In January 2004, the Department of Energy selected Parsons as the Phase II contractor to complete the SWPF project. Parsons is self-performing approximately 80 percent of the construction effort on this first-of-its-kind facility, and the same team of construction professionals responsible for this self-performance is managing the subcontractors performing the balance of the work. Work includes 45,000 cubic yards of concrete formwork, placement, and finishing; 5,000 tons of reinforcing steel; and 2,000 tons of structural steel (rigging, erection, and alignment). In 2013, the Department of Energy awarded the SWPF construction site the VPP merit status for excellence in safety and health.

Iraqi Village allowed soldiers to train in a realistic Middle Eastern urban setting and to experience conditions that simulated those found in Iraq.

Parsons produced project-level designs, including ~12,000 individual engineer drawing sheets for specific MOUT and infantry immersion training systems.

The John James Audubon Bridge was awarded the Design-Build Institute of America 2012 Design Excellence Award.

- **Customer**
  US Army Corps of Engineers, Los Angeles District
- **Project Value**
  $200 million contract
- **Location**
  Fort Irwin, CA

Parsons provided conceptual design through construction of an IED Test and Evaluation Complex, Iraqi Village, at the National Training Center (NTC), Fort Irwin, California. We completed this project in support of the Joint IED Defeat Organization's (JIEDDO's) mission of focusing all US Department of Defense (DoD) actions in support of the combatant commanders and their respective Joint Task Forces' efforts to defeat IEDs as weapons of strategic influence. Iraqi Village was used to test and evaluate sensing equipment for IEDs in an environment that simulates actual operating conditions — typical physical, chemical, and spatial characteristics of villages and construction materials found in Iraq. The village included a variety of zones to simulate residential, commercial, and light industrial areas. Within these areas, materials and construction methods were further subdivided to simulate different building construction in cities and villages, and various types of residential areas to serve as threat representations and to conceal threat materials, such as IEDs. Iraqi Village allowed soldiers to train in a realistic Middle Eastern urban setting and to experience conditions that simulate those found in Iraq.

- **Project**
  Home Station Military Operations in Urban Terrain (HS MOUT) Training Systems
- **Delivery Method**
  Design-Build
- **Customer**
  US Marine Corps Systems Command, Program Manager for Training Systems (PM TRASYS)
- **Project Value**
  $197 million contract
- **Location**
  Camp Pendleton, CA

Parsons as prime contractor provided design, fabrication, and installation (Title II services) of combat training systems at US Marine Corps and other DoD installations worldwide for live fire and non-live fire training. Parsons provided these services under a $977.4 million (ceiling) contract with 34 task orders, in support of the warfighter mission. We also provided services for live fire shoothouses/buildings and adaptive reuse for complex combat training systems, and support for gun ranges.

Parsons completed more than 200 individual training system components, including more than 10,000 individual engineer drawing design sheets. We produced project-level designs, including up to 12,000 individual engineer drawing sheets for specific MOUT and infantry immersion training systems.

- **Project**
  Pentagon Renovation (PENREN)
- **Delivery Method**
  Design-Build
- **Customer**
  US Department of Defense
- **Project Value**
  $4.5 billion contract
- **Location**
  Arlington, VA

Parsons, in a joint venture, provided project and technical construction management services for the renovation, modernization, and new construction at the Pentagon. PENREN is the largest design-build office renovation and modernization project in the United States, comprising 6.5 million square feet on a 34-acre site with more than 17.5 miles of corridors and 25,000 personnel. Projects included the Phoenix (post-September 11 reconstruction), Pentagon Memorial, and the Center Courtyard Café. This project incorporated sustainable design strategies and is championing the DoD LEED-certified projects in the National Capital area. Five projects are LEED-certified, including one silver.

- **Project**
  John James Audubon Bridge
- **Delivery Method**
  Design-Build
- **Customer**
  Louisiana Department of Transportation and Development
- **Project Value**
  $359 million
- **Location**
  St. Francisville, LA

The John James Audubon Bridge spans the Mississippi River and is the longest cable-stayed structure in the United States and Canada, with a span of 1,583 feet. As a construction joint venture partner and lead engineer for the project, Parsons was responsible for the design of the river crossing, 12 miles of approach roadways, and seven other bridges. Parsons personnel provided supervision for the deck erection. The bridge's 100-year design life is supported by several sustainable design and construction features, including corrosion-protection elements that will reduce future maintenance costs. The project was awarded the Design-Build Institute of America 2012 Design Excellence Award.

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