

Long-Span and Specialty Bridges

An aerial photograph of a winding coastal highway bridge built on a steep cliffside. The road curves along the edge of a dark, rocky cliff overlooking a vibrant blue ocean. The bridge is supported by several tall, slender concrete pillars. The surrounding landscape is lush with green vegetation on the upper slopes of the cliff. A large white circular graphic element is overlaid on the left side of the image, framing the text on the right.

Innovate

We think without limits to deliver the most recognizable, technologically advanced bridges in the world.

Collaborate

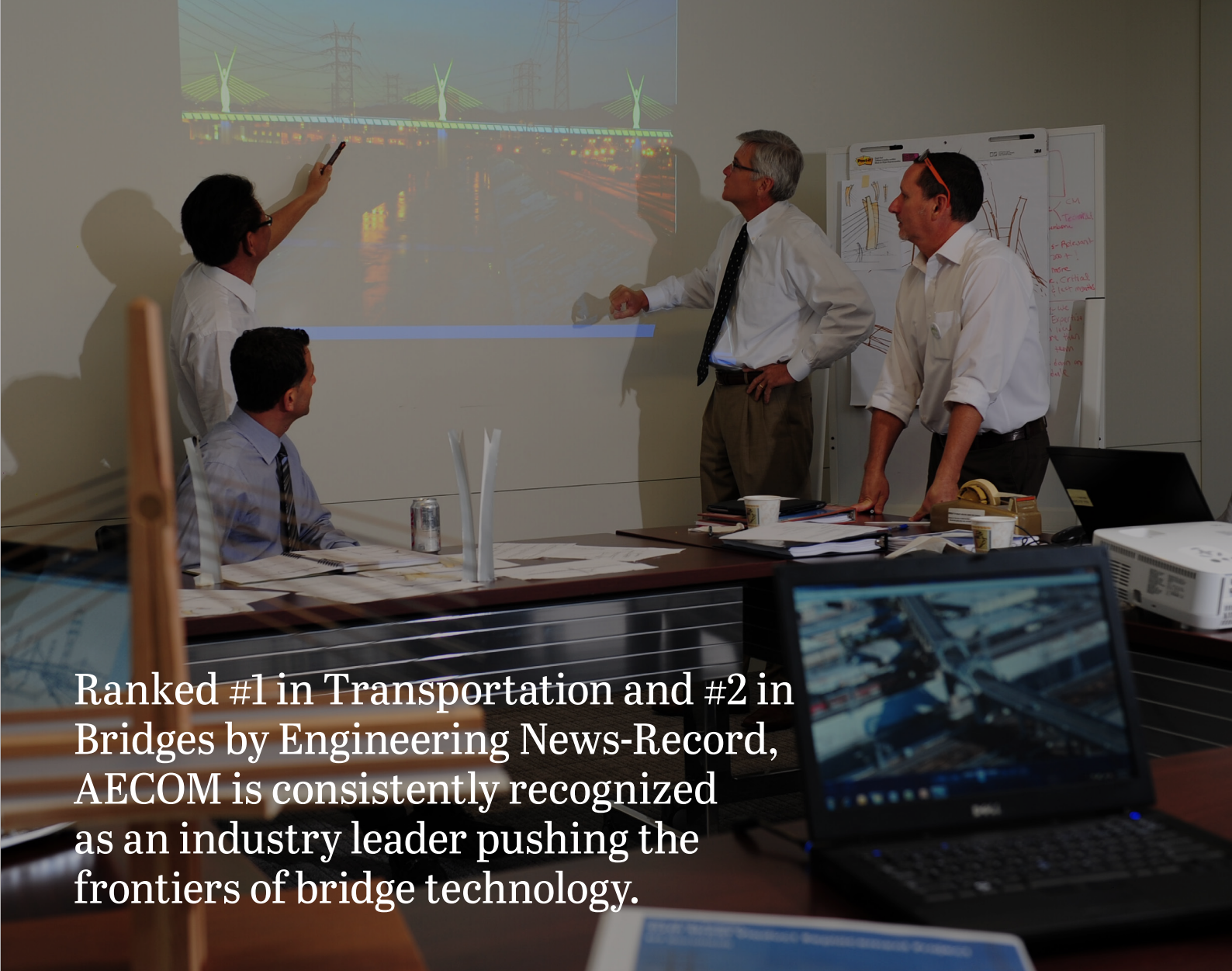
We connect more than 675 bridge specialists in 75 offices across North America to pursue smart, creative solutions to our clients' most pressing challenges.

Sustain

We design bridges with a focus on long service life and ease of maintenance, creating sustainable assets for the communities we serve.

This page:
Sea Cliff Bridge and Lawrence Hargrave Drive Upgrade
Illawarra, New South Wales, Australia

Cover:
Charles W. Cullen Bridge at the Indian River Inlet
Rehoboth Beach, Delaware, United States



Ranked #1 in Transportation and #2 in Bridges by Engineering News-Record, AECOM is consistently recognized as an industry leader pushing the frontiers of bridge technology.

Organized globally. Delivered locally.

AECOM is a fully integrated infrastructure and support services firm. With nearly 49,000 professionals serving clients in more than 50 countries, we are able to positively impact lives, transform communities and make the world a better place.

In North America, we have more than 675 structural specialists to help you tackle complex bridge projects. From designing the highway and transit bridges of our future, to rehabilitating important heritage structures, our expertise spans the entire bridge life cycle. As a top-ranked firm by ENR in Transportation and Bridges, we bring together teams of practice leaders, engineers, technicians, inspectors and project managers to tackle the world's most complex bridges.

Whatever the delivery method or funding mechanism, we offer public and private organizations fully integrated bridge services. When alternative financing or

user fees are employed, we offer our clients and partners a distinct advantage by complementing the skills and experience of our local structural professionals with those of our seasoned specialists in these fields.

We take great pride in our people — a winning team that brings passion and dedication to every project, and works diligently to deliver reliable, sustainable and visionary bridges for our clients. Our approach seamlessly combines world-class bridge design with project knowledge and sensitivity to local issues. We draw on our global expertise and our experience with innovative design solutions and state-of-the-art materials and meld them with our local offices, where we have firsthand familiarity with community and regional standards, materials and design methodologies.

Cable-stayed bridges



Pearl Harbor Memorial Bridge

New Haven, Connecticut, United States
Conceptual, preliminary and final design; construction support
 2015



Ironton Russell Bridge Over the Ohio River

Ironton, Ohio, United States
Conceptual, preliminary and final design; construction support
 2015



Charles W. Cullen Bridge at the Indian River Inlet

Rehoboth Beach, Delaware, United States
Comprehensive design and erection engineering services under the design-build delivery method
 2012



Fred Hartman Bridge

LaPorte, Texas, United States
Conceptual, preliminary and final design; construction support
 1995



Peace Bridge

Derry/Londonderry, Northern Ireland
Design services for a feasibility study for a bridge across the River Foyle
 2011

OTHER CABLE-STAYED BRIDGES:

East Fork White River Bridge
 - Columbus, Indiana, United States

Bridge of Honor over the Ohio River
 - Pomeroy, Ohio, United States

Ma Wan Viaducts and Kap Shui Mun Bridge - Hong Kong

Sutong Bridge Contract 3 - Jiangsu Province, China

Stonecutters Bridge - Hong Kong

IH-35 Bridges Over the Brazos River
 - Waco, Texas, United States

Queensferry Crossing over the Firth of Forth - Scotland

Mary McAleese Boyne Valley Bridge
 - County Meath and County Louth, Ireland

Taney Bridge - Dublin, Ireland

Tawatina Bridge on Edmonton Valley Light Rail Southeast Line - Edmonton, Alberta, Canada

East 153rd Street Bridge - New York, New York, United States

Mekong River Bridge at My Thuan - Tien Giang and Vinh Long, Vietnam

Schuylkill River Pedestrian Bridge
 - Philadelphia, Pennsylvania, United States

Iconic:

This is \$5.7 B (CAD) Public-Private-Partnership project includes ports of entry on the U.S. and Canadian sides, a major interchange with I-75 of the U.S. side and a long span bridge crossing the Detroit River. The bridge is a cable-stayed bridge with a 2,800 foot main span, representing the longest cable stayed bridge in North America and the 7th longest cable stayed bridge in the world. The design uses a composite superstructure and an inverted Y-shaped tower that is 700 feet tall.

Gordie Howe International Bridge

Windsor, Ontario, Canada & Detroit, Michigan, United States
Concept Development, Final Design; Erection Engineering and construction support
 Ongoing

Arch bridges

OTHER ARCH BRIDGES:

McFarland Bridge - Tuscaloosa, Alabama, United States

Columbus Gateway Bridge - Columbus, Indiana, United States

Lincoln Street Bridge - Spokane, Washington, United States

Damen Avenue Bridge - Chicago, Illinois, United States

Martin Luther King Jr. Parkway Bridge - Des Moines, Iowa, United States



2nd Street Bridge

Austin, Texas, United States
Design and construction support
2016



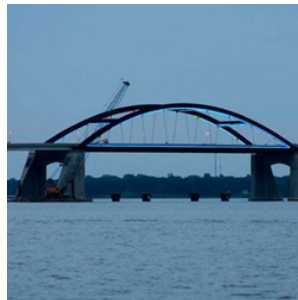
River Usk Bridge

Newport, Wales
Design, construction support, erection engineering
2004



George Washington Carver Bridge

Des Moines, Iowa, United States
Corridor study; corridor environmental assessment; conceptual, preliminary and final design; construction services
2005



Lewisville Lake Toll Bridge

Little Elm and Lake Dallas, Texas, United States
Conceptual, preliminary and final design; construction support
2009



Arapaho Road Bridge

Addison, Texas, United States
Conceptual, preliminary and final design; construction support
2006



Frederick Douglass Memorial Bridge

Washington, DC, United States
Final design; construction support
2023

AECOM

Big impact:

This suspended deck arch bridge stands as a signature architectural landmark..

Its multiple arches and 540-foot-long spans create an impressive urban gateway to the U.S. Capitol and the Monumental Core.

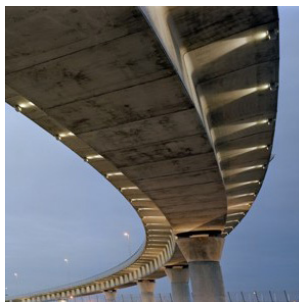
Pre-cast segmental concrete bridges



Selmon West Extension
Design-Build
 Tampa, Florida, United States
Final design; construction support
 2021



Central Artery Tunnel Project
 Boston, Massachusetts, United States
Detailed design and documentation; construction support services
 2004



West Link M7
 Sydney, Australia
Design; construction engineering support.
 2006



Réseau Express Métropolitain (REM)
 Montréal Quebec, Canada
Tender design; detailed design and documentation; construction stage services
 On-going



Ringling Causeway Bridge
 Sarasota, Florida, United States
Tender design; detailed design and documentation; construction stage services
 2003

OTHER PRECAST SEGMENTAL:

I-49 Connector – Lafayette, Louisiana, United States

Tampa Hillsborough Crosstown Expressway – Tampa, Florida, United States

MIC Earlington Heights Connector – Miami, Florida, United States

Taiwan High Speed Rail Design-Build – Kaosiung, Taiwan

The Big I (I-25/I-40 Interchange) – Albuquerque, New Mexico, United States

Palmetto/Dolphin Interchange (SR 826/SR 836) – Miami, Florida, United States

H3 Windward Viaduct – Oahu, Hawaii, United States

I-595 US441 Interchange – Fort Lauderdale, Florida, United States

Vancouver Sky Train Design-Build – Vancouver, British Columbia, Canada

Bangkok Transit System – Bangkok, Thailand

Bang Na Expressway – Bangkok, Thailand

US 1 Roosevelt Bridge – Stuart, Florida, United States

I-595 Corridor Improvements P3 – Fort Lauderdale, Florida, United States

Tren Urbano Rail System – San Juan, Puerto Rico

Sir Leo Second Gateway (approach spans) – Brisbane, Queensland, Australia

Réseau express métropolitain (REM) – Montreal, Quebec, Canada

HART Airport & City Center Segments – Honolulu, Hawaii, United States

Landmark:

One of the greatest engineering feats of the past century, this is the world's longest bridge over ice-covered waters. At 8 miles, it takes nearly 12 minutes to cross the bridge.

Confederation Bridge
 Prince Edward Island and New Brunswick, Canada
Designer-of-record; design and documentation; construction engineering
 1997

Cast-in-place segmental concrete bridges



Excelsior Boulevard Crossing
 Minneapolis, Minnesota, United States
*Detailed design and documentation;
 construction stage services*
 2023 (estimated)



Memorial Causeway Bridge
 Clearwater, Florida, United States
*Tender design; detailed design
 and documentation;
 construction stage services*
 2002



Sea Cliff Bridge and Lawrence Hargrave Drive Upgrade
 Illawarra, New South Wales, Australia
*Concept and preliminary design;
 detailed design and documentation;
 construction stage services*
 2005



Florida Avenue Bridge
 New Orleans, Louisiana, United States
*Bridge types studies; preliminary
 and final design; contract
 documentation*
 2008



Bay Bridge East Approach
 San Francisco and Oakland, California, United States
*Structure construction
 engineering and inspection
 services*
 2013



Folsom Lake Crossing
 Sacramento, California, United States
Design review
 2009



Sir Leo Hielscher Bridges
 Brisbane, Queensland, Australia
*Detailed design; construction engineering;
 construction support*
 2010

Built to last:

A 300-year design life incorporates advanced technology and materials that increase durability.

Expansion joints and bearings are placed in only three locations to significantly reduce maintenance requirements.

About AECOM

AECOM is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from advisory, planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy and the environment, our public- and private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical and digital expertise, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a Fortune 500 firm and its Professional Services business had revenue of \$13.1 billion in fiscal year 2022. See how we are delivering sustainable legacies for generations to come at aecom.com and [@AECOM](https://twitter.com/AECOM).

