

Article Overview

The U.S. is experiencing a major bridge construction and replacement cycle, highlighted by projects like the Roosevelt Bridge in Oklahoma and the Brent Spence Bridge in Ohio-Kentucky.

Roosevelt Bridge Replacement, Oklahoma

The US-70 Roosevelt Memorial Bridge over Lake Texoma, connecting Bryan and Marshall Counties, is undergoing a major replacement project. The existing bridge, built in 1945, carries approximately 8,500 vehicles per day and has required modernization due to wear and safety concerns . A new four-lane bridge will be constructed just south of the current structure, featuring wider lanes, improved lighting, updated safety features, and a separate pedestrian and bicycle path . The project uses Modified Progressive Design-Build, a first for Oklahoma, which allows designers and contractors to collaborate closely, promoting innovation and efficiency while keeping the existing bridge open during construction . Federal and state funding, including a \$124 million federal grant, supports the estimated \$250 million project, with construction anticipated to start in summer 2026 . The new bridge aims to enhance safety, support tourism, and strengthen regional economic connectivity .

Major U.S. Bridge Projects

Across the United States, bridge construction is at a historic scale. The Infrastructure Investment and Jobs Act (IIJA) has provided \$40 billion in dedicated bridge funding, with over \$58 billion in active or imminent projects nationwide . Notable projects include:

- o Francis Scott Key Bridge Replacement, Baltimore, Maryland: Following a 2024 collapse, a new cable-stayed bridge with a 1,600-foot main span and 215-foot vertical clearance is under construction, with completion expected in 2028 .
- o I-5 Columbia River Bridge, Portland, Oregon to Vancouver, Washington: A \$6-7.5 billion multi-modal replacement incorporating light rail and seismic resilience, with construction starting in 2025 and completion targeted for 2032 .
- o Brent Spence Bridge Corridor Project, Cincinnati, Ohio to Covington, Kentucky: A \$4.39 billion project funded by the IIJA Mega grant, featuring a companion bridge to improve traffic flow and safety .

Trends and Innovations

Modern bridge projects increasingly emphasize:

- o Safety and resilience: Wider lanes, pedestrian paths, and improved lighting.
- o Design-build collaboration: Modified progressive design-build methods streamline construction and



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encourage innovation.

- o Economic and regional impact: Bridges support freight, tourism, and local business growth.

- o Sustainability and durability: New materials and designs improve longevity and resistance to extreme weather events. These projects reflect a nationwide effort to replace aging infrastructure, enhance transportation efficiency, and support long-term economic development.

Comprehensive information on bridges and flyovers: New proposals, remodeling and revamps, bridge openings and

more than a decade of delay, the project to replace

Italy has cleared the way to build the world's largest suspension bridge linking the Italian mainland with Sicily.

Work on a new pedestrian and cycle bridge in Nottingham will begin within weeks, it has

Biden-Harris Administration has nearly doubled its original goal to repair or replace 10 of the nation's most

Harbor Bridge Project Public Information Manager Lynn Allison said the new bridge is scheduled to be complete by

The old Portal Bridge disrupted rail commutes in New Jersey for decades, frequently getting stuck when it swung to

The turnpike built its first bridge using this kind of segmental construction in 2007 at the

We operate seven bridges and two tunnels in New York City, handling more than 336 million vehicle

The official website for the Gordie Howe International Bridge project between Windsor, Ontario and Detroit,

The Brooklyn Bridge is a suspension bridge spanning the East River from

NYC DOT performs many bridge construction projects, ranging from preventative maintenance to installing entirely new bridges.

Maryland officials are still targeting a 2030 completion of the Francis Scott Key Bridge after

It's one of America's most studied bridges--the plans exist. The engineering works.



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The new Sotra Bridge in Norway promises innovation and efficiency in bridge construction Construction of the world"s

In a century of skyscrapers pushing vertical limits and 3-D printing transforming design and engineering, it"s easy to

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