

## All sectors. All services.

The global influence of rapid urbanization, population growth, and extreme weather all drive up worldwide demand for high-performance infrastructure. This means that cities, local and regional bodies, and national governments are pursuing diverse initiatives that range from replacing legacy systems to building new urban areas from the ground up.

Whether it involves the unique challenges of an airport and the innovation to drive the renewables revolution, or the infrastructure behind a new or modernized railway, communications network, or civil undertaking, Bechtel can tackle the entire project lifecycle.

From planning, design, procurement, and construction through to delivery, operations, and maintenance, we deliver the highest value for all stakeholders. In particular, we champion innovative value-based procurement to address risk and encourage investment in the smart infrastructure on which successful global economies depend.

## Looking to the future



### Innovation

We believe the key to innovation is to learn safe, learn fast, and learn forward. We follow a six-step process to test assumptions, integrate solutions, and ensure a steady stream of ideas. We created the Future Fund—an incubator for ideas within Bechtel—and finance those ideas that most improve engineering, construction, quality, and safety.



### Diversity & Inclusion

At Bechtel, diversity refers to the presence of many distinctive individuals in the workplace, marketplace, and community. We embrace the diversity in gender, race, nationality, culture, ethnicity, thinking, life experiences, and all other attributes that make each of us unique. Today, we have people from 73 countries working on projects worldwide.



### Sustainability

Bechtel sets long-term goals to increase the company's contributions to global sustainability. Through our 2030 target to use sustainable alternatives and reduce our environmental footprint on 100% of key projects, we are challenging ourselves to drive innovation and cost efficiencies to bring greater value to customers.



### STEM

The next generation of science, technology, engineering, and math (STEM) professionals are vital to progress: they will be delivering the next 100 years of engineering, technological innovation, and invention. We are working to equip students with the tools, education, and mentorship to succeed in STEM.



## Who is Bechtel

**Our customers' projects are an investment in the future. They create jobs and economies; improve the resiliency of the world's infrastructure; increase access to energy, resources, and vital services; and make the world a safer, cleaner place.**

While our expertise ensures delivery, ongoing collaboration is critical to long-term success. Since 1898, we have been the trusted partner of industry and governments worldwide. Differentiated by our people and our relentless drive to deliver successful outcomes, we have helped our customers complete more than 25,000 projects in 160 countries on all 7 continents.

We serve the Infrastructure; Nuclear, Security & Environmental; Oil, Gas & Chemicals; and Mining & Metals markets. Our services span from initial planning and investment, through start-up and operations.

Core to Bechtel are our values – ethics, safety, quality, people, culture, relationships, innovation and sustainability, and our covenants – integrity, respect, collaboration, trust, and delivery. They are what we believe, what customers can expect, and how we deliver.

**In the background:**  
Toronto-York Spadina Subway Extension Project (TYSSE)



INFRASTRUCTURE

MINING & METALS

NUCLEAR, SECURITY & ENVIRONMENTAL

OIL, GAS & CHEMICALS

[bechtel.com](http://bechtel.com)



# Rail

38°55'47"N | 77°14'32"W

Dulles Corridor Metrorail, VA, USA



Helping our customers deliver -

## Transformational rail projects

By aligning our capabilities to our customers' objectives, we help them achieve operational and performance excellence.

### Optimizing project delivery

Lifecycle experience enables us to approach our projects from a holistic perspective

### Managing complexity

Our experience as an engineer, builder, system integrator, and project manager allows us deliver the full spectrum of rail projects under differing contracting models

### Applying technical expertise

To solve our customers' toughest challenges, we turn to the best. Our people have been trusted partners of industry and governments since 1898, providing much-needed advice and solutions

### Ensuring a lasting positive legacy

We partner with clients, empower the supply chain, and work closely with communities to drive the best local outcomes on our projects

### Constantly innovating

Our expertise in engineering, procurement, and construction, combined with a global reach, help us anticipate, create, pilot, and quickly implement new, better ways of working

### Core capabilities



### Riyadh Metro, Saudi Arabia

**Role:** Design, construction, integration, testing and commissioning, handover to maintenance

**Customer:** High Commission for the Development of ArRiyadh

The Bechtel-led BACS consortium is delivering Lines 1 and 2 of the six-line metro, which will form the backbone of the city's transport network. Lines 1 and 2 include 63km of track, 34km of tunnels, and 42 stations. Our scope includes the transit system, stations, accommodating structures, park and rides, bus interchanges, depots, and the Operations Control Center.



### Crossrail, UK

**Role:** Project management support

**Customer:** Crossrail Limited / Network Rail

Crossrail is currently Europe's largest construction project—a 100km-plus route that will pass through 40 stations via 42km of new tunnels under central London. We are supporting Crossrail's management of the project and are Network Rail's delivery partner for managing the extensive upgrades to the existing suburban rail network to make it compatible with the new line. Our integrated teams manage the extensive engineering and construction programs.



### Toronto-York Spadina Subway Extension, Canada

**Role:** Program management

**Customer:** Toronto Transit Commission (TTC)

Prompted by schedule delays and escalating cost, TTC invited Bechtel to review Toronto's subway extension project. Following an initial study, we joined the integrated project management team to implement our recommendations and safely deliver the 8.6km subway extension on time and on budget. This included six new stations, commuter parking and bus loading gates, together with intermodal rail and bus transfers.



### Sydney Metro, Australia

**Role:** Delivery management partner

**Customer:** The Government of New South Wales

A Bechtel-led team is working as the delivery management partner for the Tunnel and Station Excavation Works Package for the Sydney Metro City & Southwest project. The team is responsible for overall management of the contracts, including commercial management, project controls, engineering, construction, health and safety, environment and sustainability, project communications, and quality.

## Key projects

The international Bechtel business of today started on U.S. railways by our founder, Warren A. Bechtel, in 1898. This timeline presents a snapshot of our projects in the early 20th century and over the past 50 years.

