



# Transform 66 Outside the Beltway

## Ferrovial – Investing in Virginia

This project is a collaboration between the developer consortium **I-66 Express Mobility Partners (EMP)** led by **Cintra** with partners Meridiam and APC, and the design-build contractor **FAM Construction** led by **Ferrovial Construction** together with Allan Myers, VA.

Competition allowed a private sector investment of more than **\$3.7 billion** to transfigure the 22.5-mile Transform 66 Outside the Beltway from a congested traffic corridor into a modern, sustainable, technology-driven, multi-modal success story at no cost to Virginia taxpayers.

A public procurement process facilitated private sector competition that saved Commonwealth taxpayers **\$2.5B** (Commonwealth Transportation Board).

## Additional Investment Benefits

\$800M

in long-term funding to support transit and transportation projects.

\$579M

concession payment to the Commonwealth to fund additional improvement projects throughout the I-66 Outside the Beltway corridor recommended by the Northern Virginia Transportation Authority and approved by the Commonwealth Transportation Board.

\$350M

for other projects to improve the I-66 corridor over the next 50 years.

## A Public-Private Partnership Success

Public-sector vision and private-sector competition bring local job creation, transit solutions, state-of-the-art technology, miles of mixed-use trails and serves as a model for the rest of the country.

P3s

allow for vertical integration of construction teams, which saves time and money. This project is an example – on time and on budget.

P3s

encourage competition when building multi-modal transportation networks and transit solutions, which is how this project was able to come together at no cost to the Virginia taxpayer.

P3

This project between the Commonwealth and EMP is one of the largest megaprojects in the nation to date and is reshaping the I-66 corridor with additional capacity, new infrastructure, diverse multimodal travel options for faster and more reliable trips, and added features like 18 miles of mixed-use trails.

## Transform 66 Outside the Beltway

is an example of a one-of-a-kind, holistic model that defines the future of urban mobility. And it's being built on time and at no cost to the taxpayer through a P3 financing model.

## Cintra - Investing in U.S. Infrastructure

**Cintra** is proud to have invested more than **\$11 billion** in multi-modal projects in the United States, connecting communities across the country. Public-private partnerships allow the inclusion of otherwise unreachable but critically needed projects due to budget constraints.

In total, Transform 66 Outside the Beltway will save the Commonwealth taxpayer more than **\$3.7 billion** over the life of the project (through 2066).

## Smart Road Technologies

Cintra is implementing its AVIA Smart Roads initiative on sections of I-66. This visionary connected roadway program is facilitating the transition to connected and autonomous vehicles (CAVs).

Digital infrastructure includes enabling CV2X (connected vehicle to infrastructure) and wrong way detection systems, data capture and edge processing, HD mapping, GPS and positioning enhancements to enable in-vehicle services and safety.

This cutting-edge technology will make travel safer and journey times more reliable.





# I-66 Construction by the numbers

- Heavy Equipment: **300+**
- Retaining Walls: **2.3M SF**
- Sound Walls: **2.2M SF**
- Concrete: **45M CY**
- Steel: **57M LB**
- Reinforcement Steel Rebar: **21.99M LB**
- Excavations: **4.3M CY**
- Asphalt: **3.1M tons** (with over 1M tons laid in 2021)

## 63 Bridges & Overpasses

- **13** new bridges at Route 28 Interchange
- **11** new bridges at I-495 Interchange
- **395** concrete beams
- **657** segments of steel beams or 39.11M lbs. steel beams

## 33 Bridges Demolished (17 complete & 16 partial)

- **150,000+** tons of concrete deck removed
- **80,000+** tons of rebar removed
- **500+** steel beams removed

## Ramp from I-495 N to I-66 W

- **2133** feet long - longest bridge of the Transform 66 Outside the Beltway Project
- **22** foundations, **3** abutments, **17** spans
- **160** girders, including longest of the project at 141.25 feet
- Over **10,000** CY of concrete
- **6.8** million lbs. of steel
- Completed in under **30** months, opened to traffic August 2022 (1 month ahead of schedule)

## Project stimulates local economy

Transform 66 Outside the Beltway project put more than **400 local and regional companies** and **disadvantaged business enterprises (DBE)** to work. To date, EMP has **exceeded** its DBE goal of 15% to reach 20% (\$324M).

These local and regional contractors contribute to the area's economies, benefiting all segments of the region and state.

- **8,755 employees** from 2017 – September 2022
- Average of over **2,000 local workers** per day during peak construction
- **11M** man-hours to date

OVER **\$1.7B** in DBE Commitments

OVER **\$20B** in U.S. Investments & Construction

MORE than **\$1.2M** Charitable Gifts & Community Investments 2019-2021

MORE than **79K** Local Contractors & Vendors Hired

# Ferrovial in The U.S.

## FERROVIAL

The Ferrovial family of companies includes four key U.S. business lines headquartered in Texas - **Cintra, Ferrovial Construction, Webber and Ferrovial Airports/Vertiports**. Together, they support the entire life cycle of a construction project from finance and development to design, construction and ongoing management.

## CINTRA

**Cintra** has partnered with Texas, North Carolina and Virginia to create five projects totaling more than \$11 billion worth of public-private partnership investments, relieving congestion and creating thousands of local jobs. [www.ferrovial.com/en-us/cintra/](http://www.ferrovial.com/en-us/cintra/)

## FERROVIAL CONSTRUCTION

**Ferrovial Construction** specializes in large-scale highway, high-speed rail, bridge construction and airport projects under design-build (DB) and P3 with integrated DB and PMO contracts. Since 2006, Ferrovial Construction has been awarded projects totaling more than \$13.5 billion in California, Texas, Georgia, Virginia and North Carolina. [www.ferrovial.com/en-us/f-construction/](http://www.ferrovial.com/en-us/f-construction/)

## WEBBER

**Webber** is currently working on over 50 heavy civil and waterworks projects and manages 40 infrastructure maintenance contracts in Texas, Georgia, North Carolina, Virginia, Florida and Canada. Webber was ranked by Engineering News-Record the #1 Transportation Contractor in 2021 in Texas/Louisiana. [www.ferrovial.com/en-us/webber/](http://www.ferrovial.com/en-us/webber/)

## FERROVIAL AIRPORTS/VERTIPOINTS

**Ferrovial Airports** operates a portfolio of four airports in the United Kingdom and this year joined the partnership to design, construct and operate the New Terminal One at New York's JFK International Airport. Ferrovial Airports created a new business line in 2020 to pioneer the future of urban mobility - **Ferrovial Vertiports**. [www.ferrovial.com/en-us/f-airports/](http://www.ferrovial.com/en-us/f-airports/)

