

CONGESTION-RELIEF SOLUTIONS



The HNTB Companies
Infrastructure Solutions



REPUTATION BUILT ON INNOVATION

HNTB is deeply rooted in helping cities across the nation improve mobility. Our extensive expertise in all facets of transportation – policy, planning, funding, design, implementation, operations and maintenance – has been sought for more than 100 years. Our clients demand experience, and we deliver.

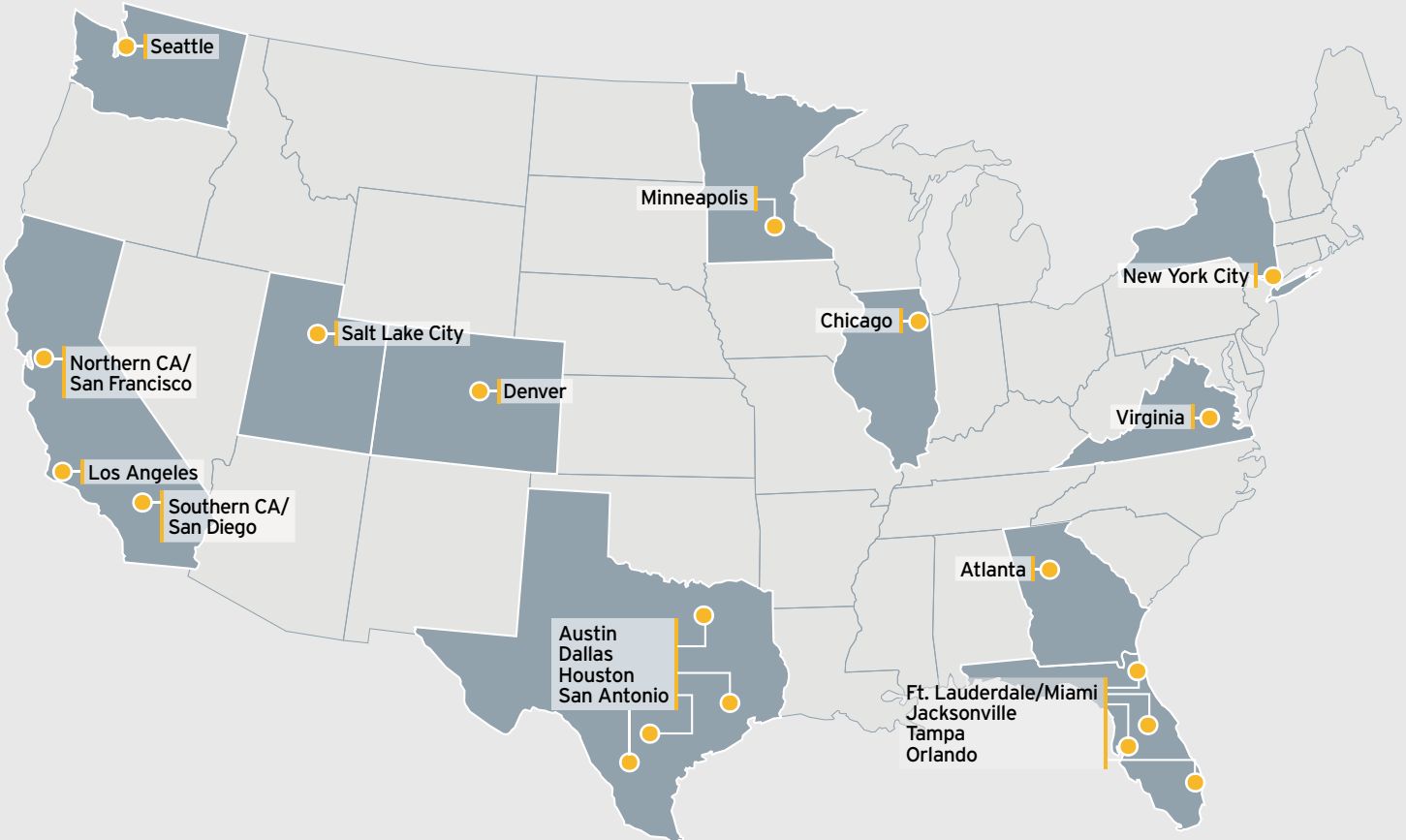
EXTENSIVE EXPERTISE

- ▶ Delivering 55 congestion priced express lanes projects for 22 clients in 12 states
- ▶ Advising 10 of the Top 10 road pricing agencies
- ▶ Offering expertise and insights of 400+ pricing professionals
- ▶ Delivering more than 60 pricing-systems solutions

SUCCESSFUL CONGESTION PRICING SOLUTIONS

HNTB works with our clients around the country to address the challenges of congestion pricing to meet current and future mobility needs.

50+ CONGESTION PRICING PROJECTS



INNOVATIVE CONGESTION PRICING SOLUTIONS CAN DRIVE IMPACTFUL RESULTS

- Reduce peak-period congestion
- Improve equity in mobility and transportation
- Offer better environmental outcomes
- Provide travel options and improved mobility
- Improve environmental quality and sustainability
- Generate revenue for transportation investments
- Support state of good repair
- Reduce vehicle miles traveled
- Attract private investment
- Support economic competitiveness
- Generate transit funding
- Facilitate transit reliability

Following are case studies of HNTB's partnership with clients toward implementing equitable, innovative congestion pricing solutions.

CALIFORNIA

Since 2005, HNTB has provided strategic advice and implementation support to the San Diego Association of Governments in the planning, design, implementation and operations of the San Diego region's toll facilities, including the I-15 Express Lanes, the SR-125 South Bay Expressway and the future SR-11 Otay Mesa East Port of Entry.



I-15 Express Lanes, San Diego



San Francisco Downtown Congestion Pricing Study

The study seeks to:
(1) Understand the objectives and key issues of diverse stakeholders related to congestion pricing, and (2) Recommend and develop a strategy to implement a congestion pricing program in downtown San Francisco. These projects include significant stakeholder engagement, equity, environmental review and policy analysis components.

California Private Transportation Company, SR-91 Express Lanes, Orange County

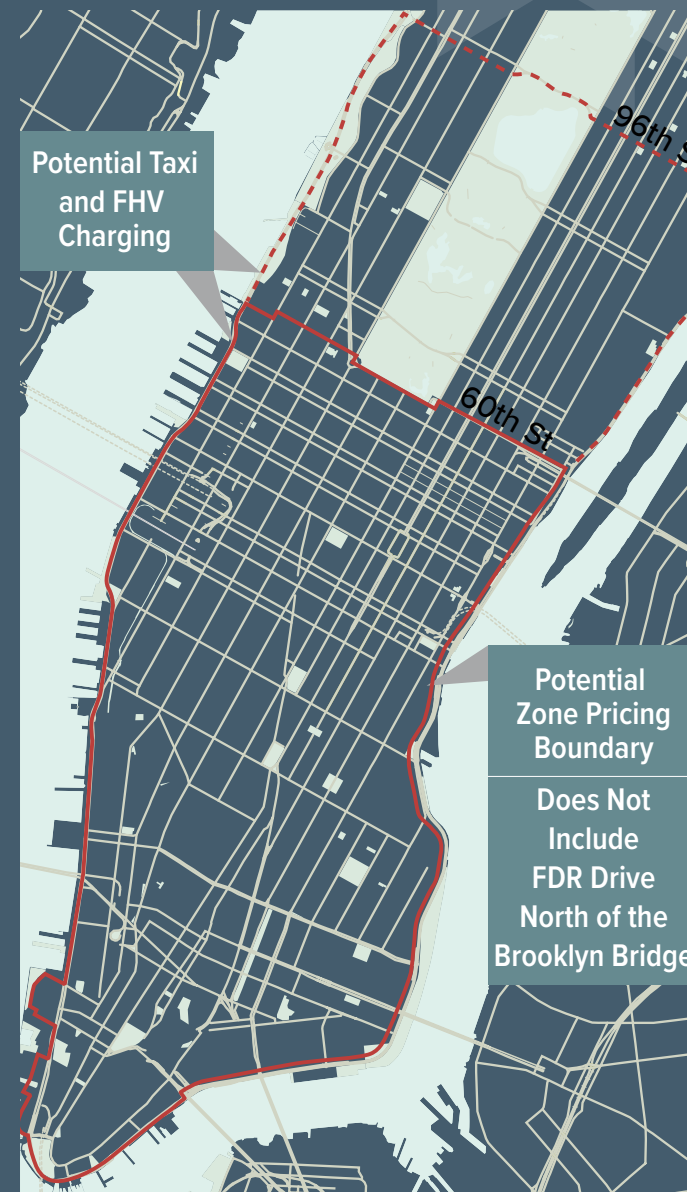
HNTB's innovation is reflected in the creative concept and cutting-edge design and operations of the SR-91 Express Lanes – the nation's first high-occupancy toll lanes and the world's first all-electronic toll facility.

NEW YORK

HNTB led the nation's first congestion pricing program in New York City. The Metropolitan Transportation Authority and New York Governor Andrew Cuomo's cabinet commissioned HNTB to provide strategic advisory services, technical analyses, and stakeholder and outreach support services for the NYC Congestion Pricing Program. The program's primary goal was to reduce congestion in Manhattan, while improving MTA transit services throughout New York City.

Central Business District Tolling Program

In early 2019, the city implemented a congestion zone surcharge on for-hire vehicles in high-traffic areas in Manhattan as part of its phased approach to pricing.



MIAMI

HNTB led development of Southeast Florida's Regional Concept of Transportation Operations, the first in the nation to systematically plan for a network of congestion pricing express lanes in a metropolitan region. The RCTO provided guidance and oversight on: operations, design, intelligent transportation systems, incident management, toll price structure and administration, business rules, enforcement, integration of transit, financing and communications.



SunPass, Miami



I-95 Express Lanes, Miami

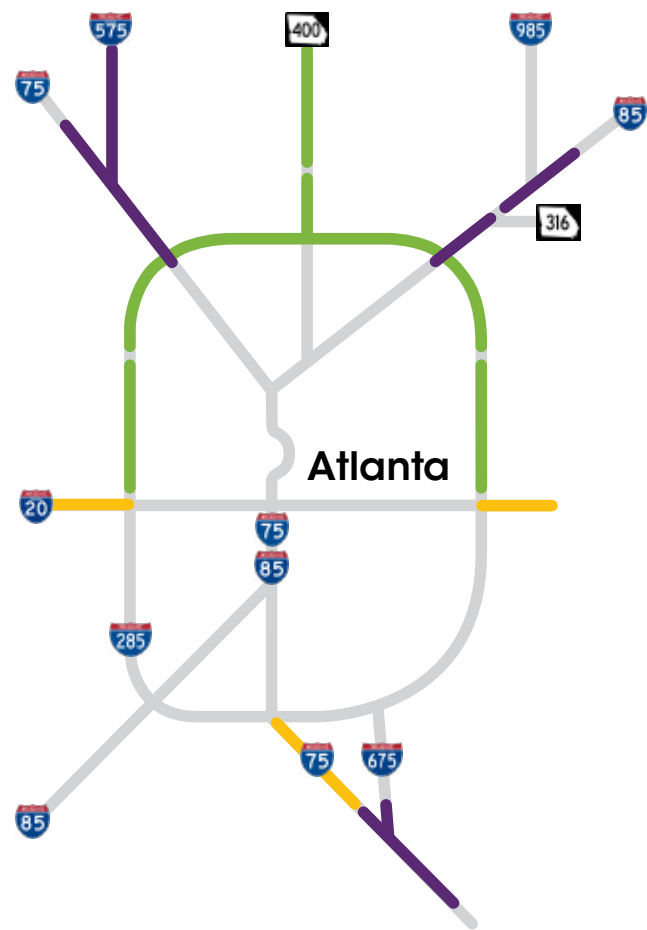
ATLANTA

The Northwest Corridor Express Lanes is the largest project ever for the Georgia Department of Transportation. In 2019, the Design-Build Institute of America honored the Northwest Corridor Express Lanes with a National Design-Build Merit Award. HNTB provided P3 project management services to GDOT for the project, serving as the program management consultant for its Office of Innovative Delivery. The project improves mobility, reducing one-way commute times by nearly an hour, and drives economic growth while building a strong regional transportation network.

GDOT's Major Mobility Improvement Program will include 11 major transportation infrastructure projects, valued at \$11 billion, to improve mobility and add capacity in several key regions, including the Atlanta metropolitan area and across the state.

MMIP Express Lanes projects:

- I-285 Top End – I-75 to I-85
- SR-400 – I-285 to McFarland Rd.
- I-285 East Wall – I-85 to I-20
- I-285 West Wall – I-75 to I-20



Major Mobility Investment Program

VIRGINIA



Capital Beltway/I-495 HOT Lanes, Fairfax County



I-66 Inside-the-Beltway Express Lanes, Washington, D.C.

Capital Beltway/I-495 HOT Lanes

HNTB served as lead designer, responsible for all engineering efforts during concept, preliminary and final design in the development of high-occupancy toll lanes along a 14-mile section of Northern Virginia's Capital Beltway, one of the most congested stretches of roadway in the country. Also, HNTB developed innovative congestion management techniques and design concepts that will allow the roadway to adapt to future demand by encouraging carpooling and transit use.

I-66 Inside-the-Beltway

The multimodal project enhances connectivity in the corridor and offers improved mobility in one of the nation's most congested areas. The dynamically-tolled lanes are designed to offer new travel choices that move people on I-66 with greater speed and reliability. This interstate is first in the nation to introduce peak period congestion pricing across the entire corridor.



Northwest Corridor Express Lanes, Atlanta

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