



IH 635 MANAGED LANES

ALTERNATIVE DELIVERY PROGRAM

DEVELOPER: LBJ Infrastructure Group, LLC



SUCCESS STORY



INNOVATIVE APPROACH

- One of the most comprehensive and complex managed lane systems in the country featured some of the most innovative congestion management solutions, enabled drivers to maintain a more predictable speed through one of the most congested corridors in North Texas.
- The project implemented innovative design solutions to meet the stakeholder commitment not to increase the width or height of existing roadway, so avoiding tunnels and minimizing the need for additional right-of-way.



IH 35E at IH 635 interchange

MAY 2005
BEGIN
PROCUREMENT

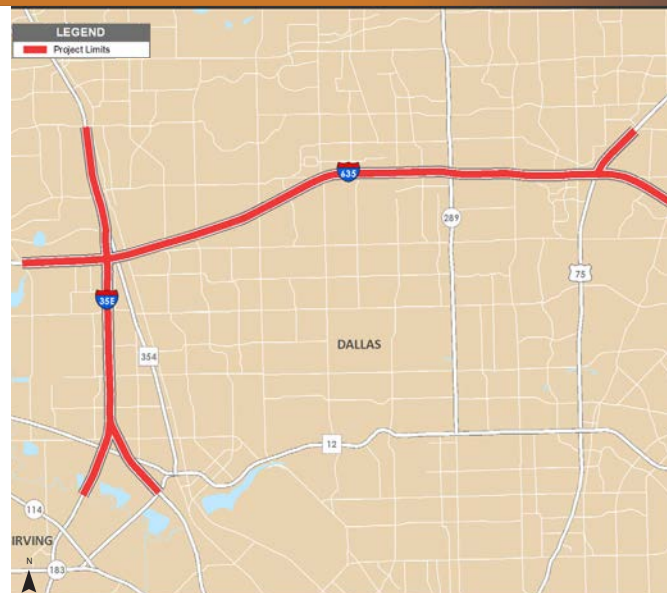
SEP. 2009
CONTRACT
EXECUTION

SEP. 2015
SUBSTANTIAL
COMPLETION

2005

2009

2015



PROJECT DESCRIPTION

I-635 : FROM: Just west of IH 35E (near Luna Road)

TO: Just east of US 75 (near Greenville Ave)

I-35E : FROM: South of the LP 12/IH 35E split

TO: South of Valwood Pkwy

LANE
MILES:
223

TOTAL CONTRACT
VALUE
\$2,077 million

PROJECT DETAIL HIGHLIGHTS

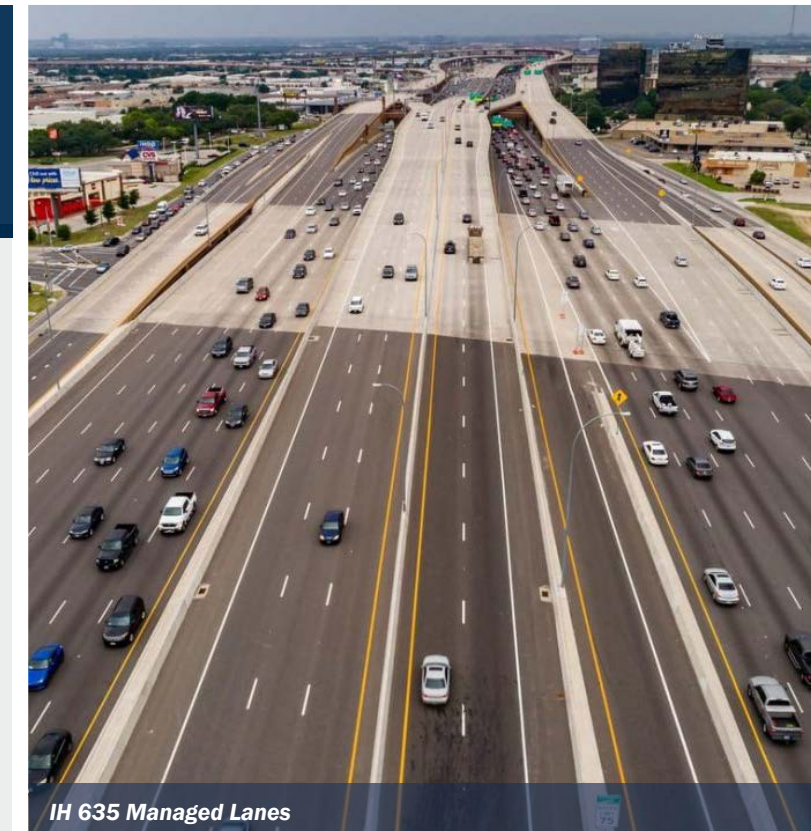
- Reconstruction of the main lanes and frontage roads along IH 635.
- Addition of six managed lanes (mostly subsurface) along IH 635 from IH 35E to US 75 and four managed lanes west and east of that stretch.
- Addition of six elevated managed lanes along IH 35E from Loop 12 to the IH 35E/IH 635 interchange.

DESIGN-BUILD BENEFIT

- The design-build delivery method allowed the project team to effectively sequence the work to overcome numerous challenges, such as tackling 223 utility conflicts and installing more than 226 million linear ft of utilities, enabling the project to open 3 months ahead of schedule.

ENVIRONMENTAL SUSTAINABILITY

- By reducing congestion, the estimated reduction in CO2 emissions is approximately 65,000 tons per year.
- Solar panels were also installed on the roof of all the existing buildings of LBJ. The system has a power production capacity of 200 kW, representing about 30% of the electricity consumption in the administrative building.



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AWARDS

Dallas Environmental Quality & Sustainability issued its latest Green Business Certification to the LBJ Infrastructure Group for demonstrating leadership in environmentally sustainable business practices. The company received Gold status for diverting 80% of its waste from the landfill through recycling and reducing its environmental footprint by educating its staff to conserve water and energy in their daily operations.

Awarded Associated General Contractors of America's 2016 Alliant Build America Award.

The LBJ Express also received the "AGC in the Community" award, in recognition of the project's outstanding corporate social responsibility programs. They formed a partnership with the National Math and Science Initiative, which focuses on increasing access to STEM courses (science, technology, engineering and mathematics courses) as well as improving students' performance in these areas.

Awarded Best Project and Award of Merit for Safety by ENR Texas & Louisiana.

Awarded Engineering News Record's 2016 "Best Global Project: Best Road or Highway".

Awarded PR Daily's 2012 Corporate Social Responsibility Award for Stakeholder Engagement; businesses in the heart of the construction zone said they saw their sales actually go up in 2012.

Awarded ARTBA's 2013 Environmental Excellence During Construction Award.