



TEXAS DEPARTMENT OF TRANSPORTATION



HOUSTON DISTRICT - STRATEGIC PROJECTS OFFICE

Projects Briefing

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April 11, 2016

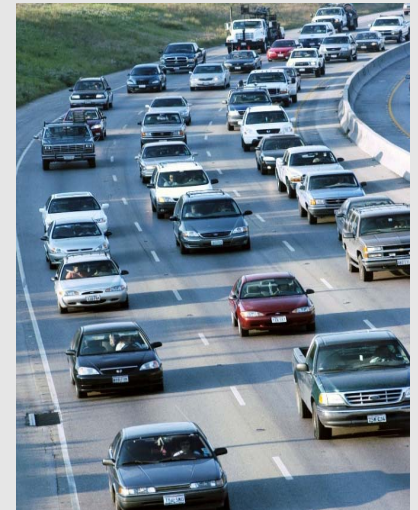
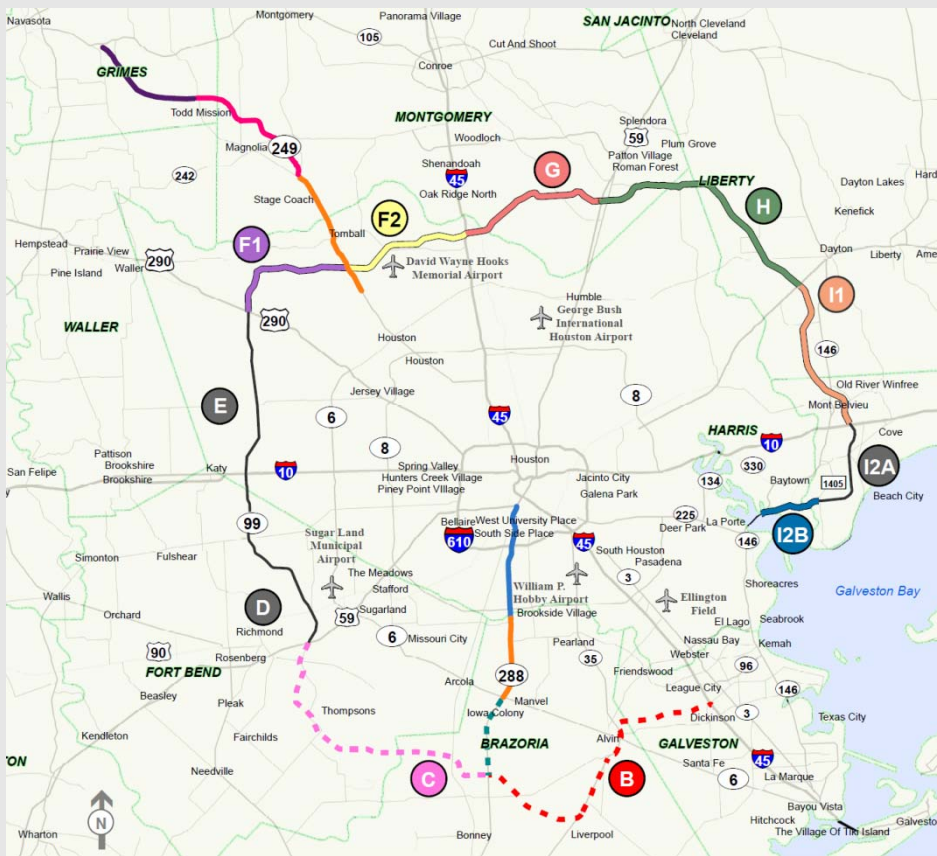


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Current Projects



- **Grand Parkway (SH 99) Segments F & G**
 - Limits: From US 290 to I-69N/US 59N
 - Current Status: Implementation
- **SH 288 Toll Lanes in Harris County**
 - Limits: From US 59 to Harris/Brazoria County Line
 - Current Status: Implementation
- **Grand Parkway (SH 99) Segments H & I**
 - Limits: From North I-69N/US 59N to SH 146
 - Current Status: Active Procurement
- **SH 249 Extension Project**
 - Limits: From FM 1774 in Pinehurst to SH 105 in Navasota
 - Current Status: Active Procurement

Grand Parkway (SH 99) Overview – approx 180 miles



- **Segment E - 15 miles**
 - Operational January 2014
- **Segments F & G - 38 miles**
 - CDA Design-Build Operational March 2016
- **Segments H & I - 52 miles**
 - Active Design-Build Procurement Phase
- **Segment D - 18 miles**
 - HOU Existing Frontage O&M
 - FBCTRA Toll Overpasses
- **Segment C - 27 miles**
 - Preliminary Design
 - FBCTRA / BCTRA primacy
- **Segment B - 28 miles**
 - EIS Stage
 - BCTRA / Galveston primacy

Grand Parkway Segments F-1, F-2 & G: Project Overview

- CDA – Design-Build with CMA Delivery Model
- 38 mile new location four lanes toll road (2 lanes in each direction) with discontinuous frontage roads
- From US 290 to I-69N/US 59N
- Interchanges at US 290, I-45, and I-69N/US 59N
- In Harris and Montgomery Counties
- \$1.04 Billion Design-Build Contract with Zachry-Odebrecht Parkway Builders



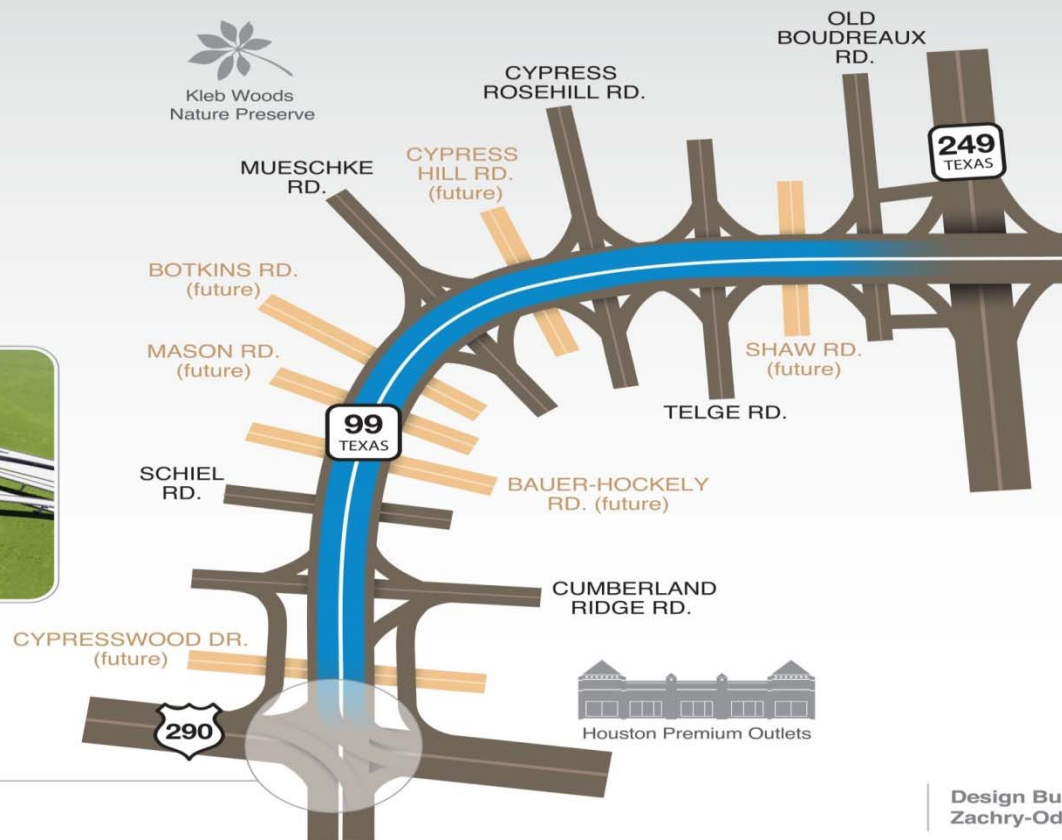
Grand Parkway Segments F-1, F-2 & G: Project Overview

- Design-Build Contract Executed on March 22, 2013
- ROW acquisition: 433 Total Parcels, 100% released for construction
- Construction began in June 2013
- Substantial completion
 - F-1: achieved on February 2, 2016
 - F-2: achieved on February 5, 2016
 - G: achieved on March 29th 2016

Grand Parkway Segment F-1

Project Information

Segment F-1 consists of 12.1 miles of roadways connecting communities from US 290 to SH 249.



Design Build Construction by
Zachry-Odebrecht Parkway Builders

Grand Parkway Segment F-2

Project Information

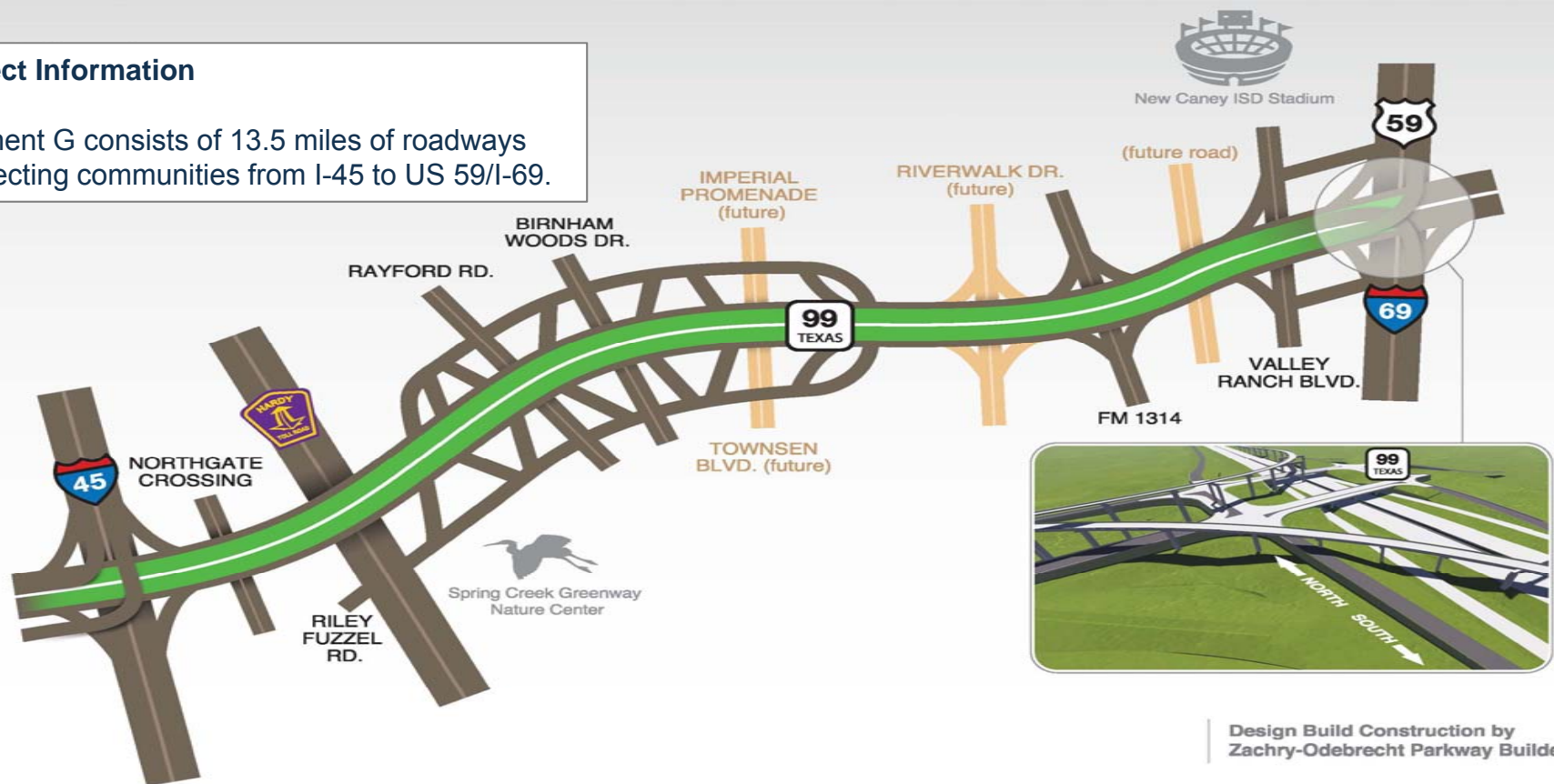
Segment F-2 consists of 12.2 miles of roadways connecting communities from SH 249 to I-45 N.



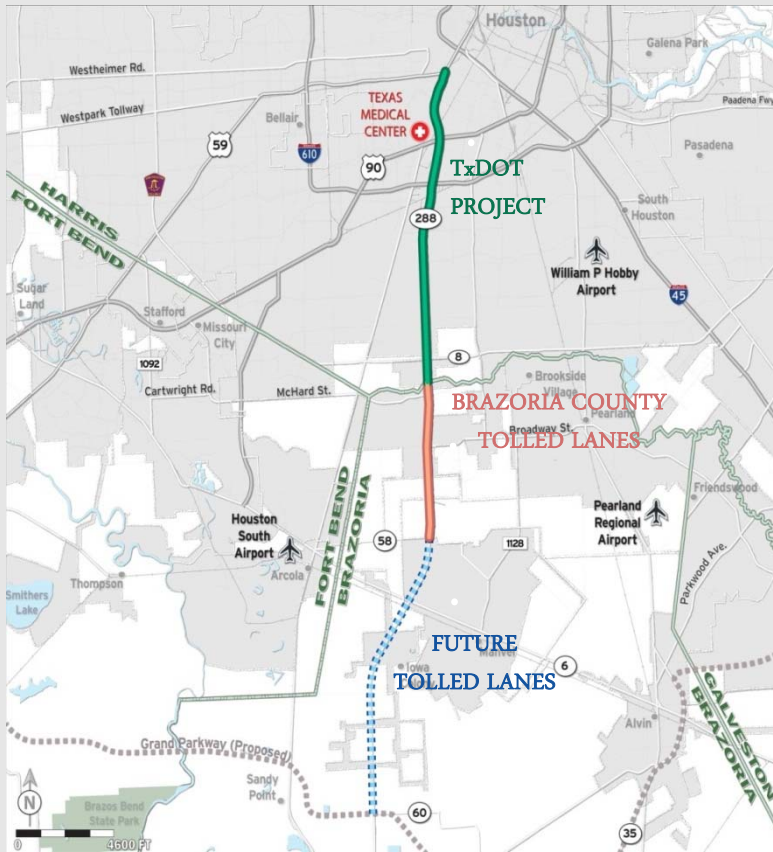
Grand Parkway Segment G

Project Information

Segment G consists of 13.5 miles of roadways connecting communities from I-45 to US 59/I-69.



SH 288 TxDOT Project Overview

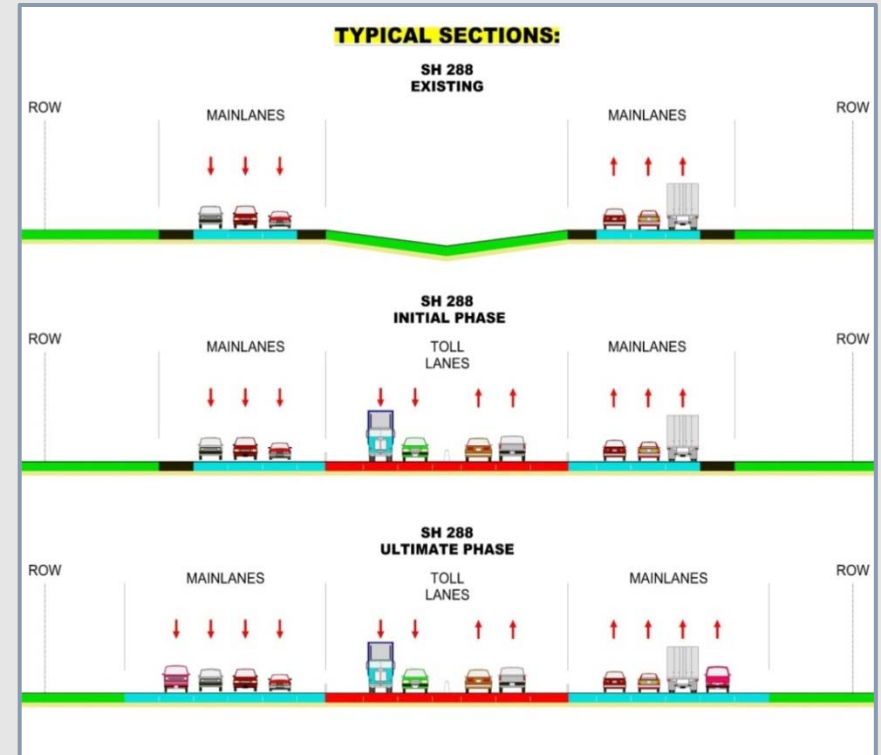


TxDOT Project:

- Limits: SH 288 Toll Lanes in **Harris County**, 10.3 miles from U.S. 59 to the Harris/Brazoria County Line
- Project scope includes:
 - A toll **concession**, under a CDA for a 52 year term
 - 4 tolled lanes (2 each direction) within existing SH 288 median
 - **Innovative ATC**: Reconstruction of all 8 direct connectors at IH 610 with added access to toll lanes
 - Addition of 8 new tolled direct connectors at Beltway 8
 - 2 tolled direct connectors to Holcombe Boulevard near the Texas Medical Center (inbound and outbound)
 - Developer to operate and maintain facility from ROW to ROW

SH 288 TxDOT Project Overview

- Capital costs: \$800 million
- Funding:
 - Public Funds by TxDOT
 - Developer equity
 - Developer secured TIFIA loan
 - Developer secured Private Activity Bonds
- Disadvantage Business Enterprise Participation goal is 12%
- Project must accommodate the ultimate configuration which includes:
 - Improvements to IH 610 from west of Cambridge to Scott Street
 - One additional General Purpose Lane on SH 288 in each direction from IH 610 to Beltway 8
- February 26, 2015 – Conditional Award to Blueridge Transportation Group (the “Developer”) by Texas Transportation Commission



SH 288 Developer Team of TxDOT Project

Blueridge Transportation Group (BTG) - 6 Equity Owners

- ACS Servicios y Concesiones, S.L.
- InfraRed Capital Partners Ltd.
- Shikun & Binui Concessions USA, Inc.
- Northleaf Capital Partners
- Clal Insurance Company Ltd.
- Star America Infrastructure Fund

Major Non-equity Members and other team members

- Dragados USA, Inc (Major)
- Shikun & Binui America, Inc. (Major)
- Pulice Construction, Inc. (Major)
- Stantec, Inc. (Major)
- James Construction Group, LLC
- MICA Corporation
- Binkley & Barfield, Inc.
- Bowman Engineering & Consulting, Inc.
- CSJ Engineering Associates, LLC
- Group Solutions RJW
- Pinnacle Consulting Management Group, Inc.
- Professional Service Industries, Inc.
- Rodriguez Engineering Labs LLC
- Arredondo, Zepeda & Brunz, LLC
- Clark Condon Associates, Inc.
- Civil Corp, LLC
- Costello, Inc.
- Hicks & Company Environmental/Archeological Consultants
- Huitt-Zollars, Inc.
- Lina T. Ramey & Associates
- Rodriguez Transportation Group
- Tectonic Group International, LLC
- Tukay Associates, Inc.
- Walter P. Moore

SH 288 TxDOT Project Schedule

Short-listed Teams

SH 288 Mobility Alliance:

- OHL and Macquarie

SH 288 Mobility Partners:

- Cintra

Blueridge Transportation Group:

- ACS, Shikun & Binui, and InfraRed Capital Partners

Procurement Schedule

- FRFP issued January 31, 2014
- Proposals Submitted
 - Technical January 6, 2015
 - Price January 20, 2015
- **Conditional Award issued February 25, 2015 to Blueridge Transportation Group**
- LLB Approval received in February 2016
- OAG Approval received in February 2016

Implementation Schedule

- Contract Execution occurred on March 4, 2016
- Financial Close (anticipated) in Q2 of CY16
- Notice to Proceed 1 (develop Project Schedule and Project Management Plan) March 29th, 2016
- Notice to Proceed 2 (design and construction) anticipated in Q3 of CY16
- Minimal ROW acquisition

Target Open to Traffic in Q2 of CY19

SH 288 Brazoria County Project Overview

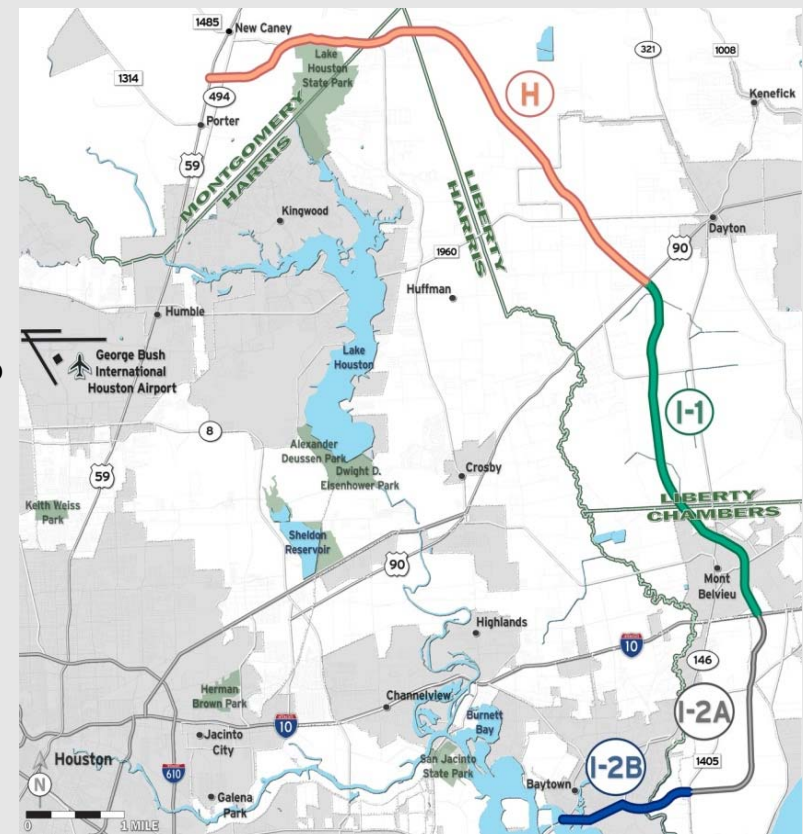


Brazoria County Toll Road Authority (BCTRA) Project:

- 5 miles from Harris/Brazoria County line to CR 58/Croix Rd
- Project Scope:
 - 4 tolled lanes (2 each direction) within existing SH 288 Median
 - Hughes Ranch Road T-ramp access to and from toll lanes
 - Braided entrance and exits to SH 288 frontage road North of FM 518
 - Slip ramps between general purpose lanes and toll lanes south of FM 518 and CR 58/Croix Rd
- Toll lane operation and maintenance by BCTRA
- Design-Bid-Build Delivery
- Start of construction is expected 6 months after start of construction of TxDOT Project
- End of construction is expected at the same time or after end construction of TxDOT Project

Grand Parkway (SH 99) Segments H & I: Project Overview

- **Segments H, I-1 & I-2**
 - **Segments H and I-1**
 - Proposed Two to Four Toll Lanes, 37.5 miles, I-69N/US 59N to I-10E
 - Interchanges at I-69/US 59, US 90, and I-10E
 - **Segment I-2**
 - Existing (I-2A): Four Toll Lanes, 8.7 miles, I-10E to FM 1405
 - Proposed Toll Lanes (I-2B): Four Toll Lanes, 6.5 miles, FM 1405 to SH 146
 - TxDOT Districts – Beaumont and Houston
 - Harris, Montgomery, Liberty and Chambers Counties
 - Subject to Market Valuation Waiver Agreement executed by the State and seven counties for Grand Parkway Implementation
 - SB 1420 Committee formed September 2013
 - Revised project constraints to allow Design/Build/Maintain
 - Grand Parkway Transportation Corporation formed March 29, 2012



Grand Parkway H & I: Procurement

Short-Listed Proposers

- FRFQ issued on July 31, 2014
- FRFQ responses received September 30, 2014
- 3 teams short-listed on October 30, 2014:

1. ZKTPB:

- Zachry – Kiewit – Traylor Parkway Builders

2. FBW:

- Fluor – Balfour Beatty – Williams Brothers

3. Grand Parkway Infrastructure (GPI):

- Ferrovial – Webber - Granite

Procurement Phase

- Drafts of RFP issued on November 14, 2014 and December 19, 2014
- Final RFP issued April 30, 2015
- Addendum #1 thru 5 issued between June 25, 2015 and October 22, 2015
- Proposals received on October 27, 2015
- Addendum #6 associated Best and Final Offer anticipated to be issued Q2 of CY16
- Best and Final Offer Proposal due Q3 of CY16
- Conditional Award anticipated in Q4 of CY16

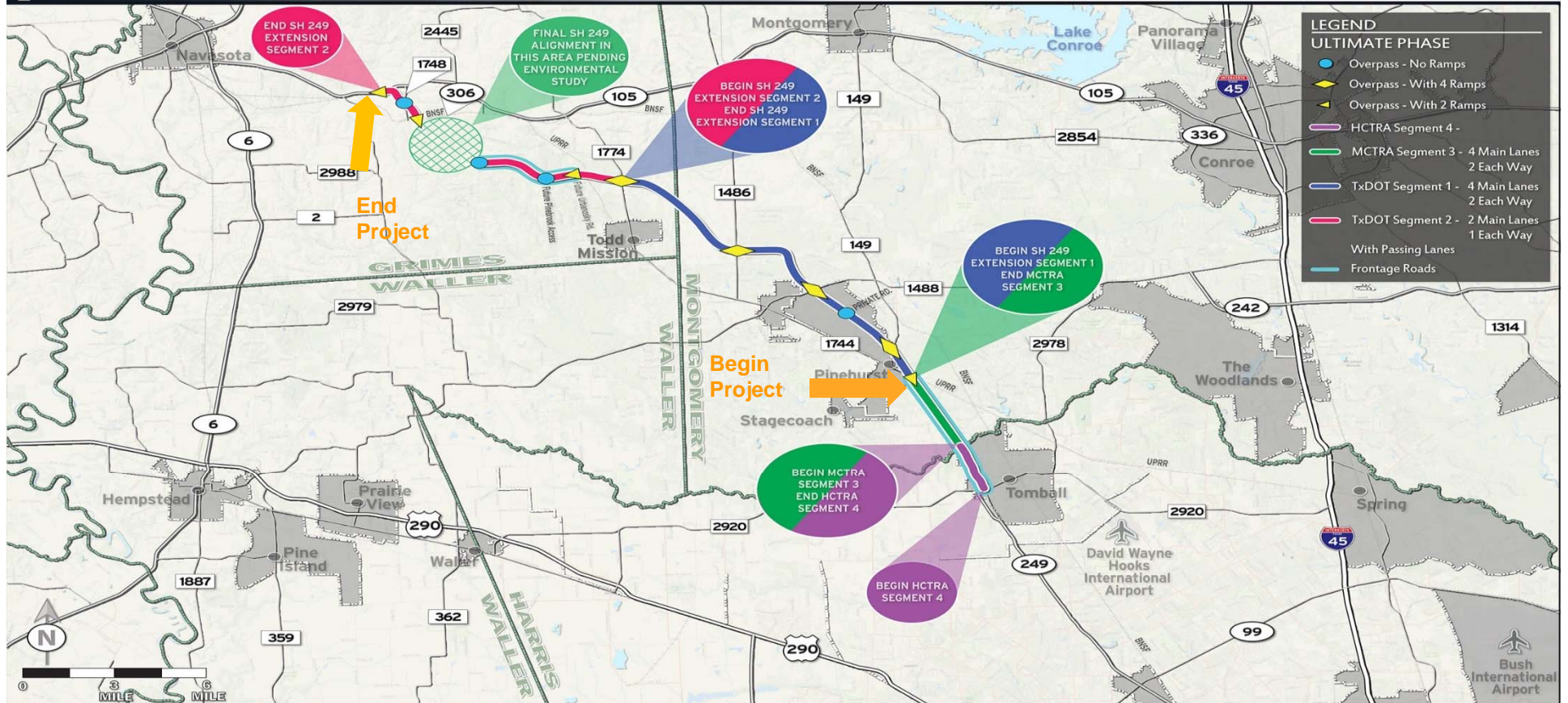
Implementation Schedule

- Contract Execution anticipated in Q1 of CY17
- Notice to Proceed 1 (develop Project Schedule and Project Management Plan) anticipated in Q2 of CY17
- Notice To Proceed 2 (design and construction) anticipated in Q3 of CY17

Target Open to Traffic 2021

SH 249 Project Overview

TEXAS DEPARTMENT OF TRANSPORTATION



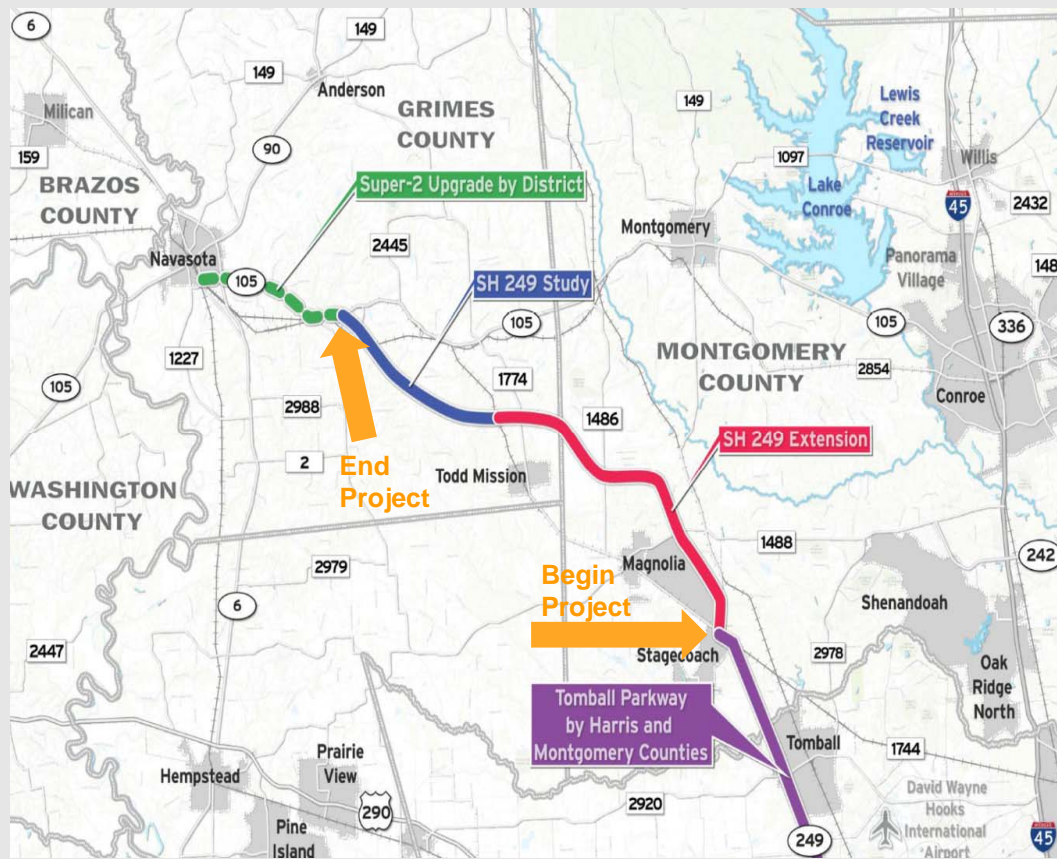
SH 249 EXTENSION - ULTIMATE PHASE
Houston District Strategic Projects

FOR PLANNING PURPOSES ONLY; SUBJECT TO CHANGE
JANUARY 2016

April 12, 2016

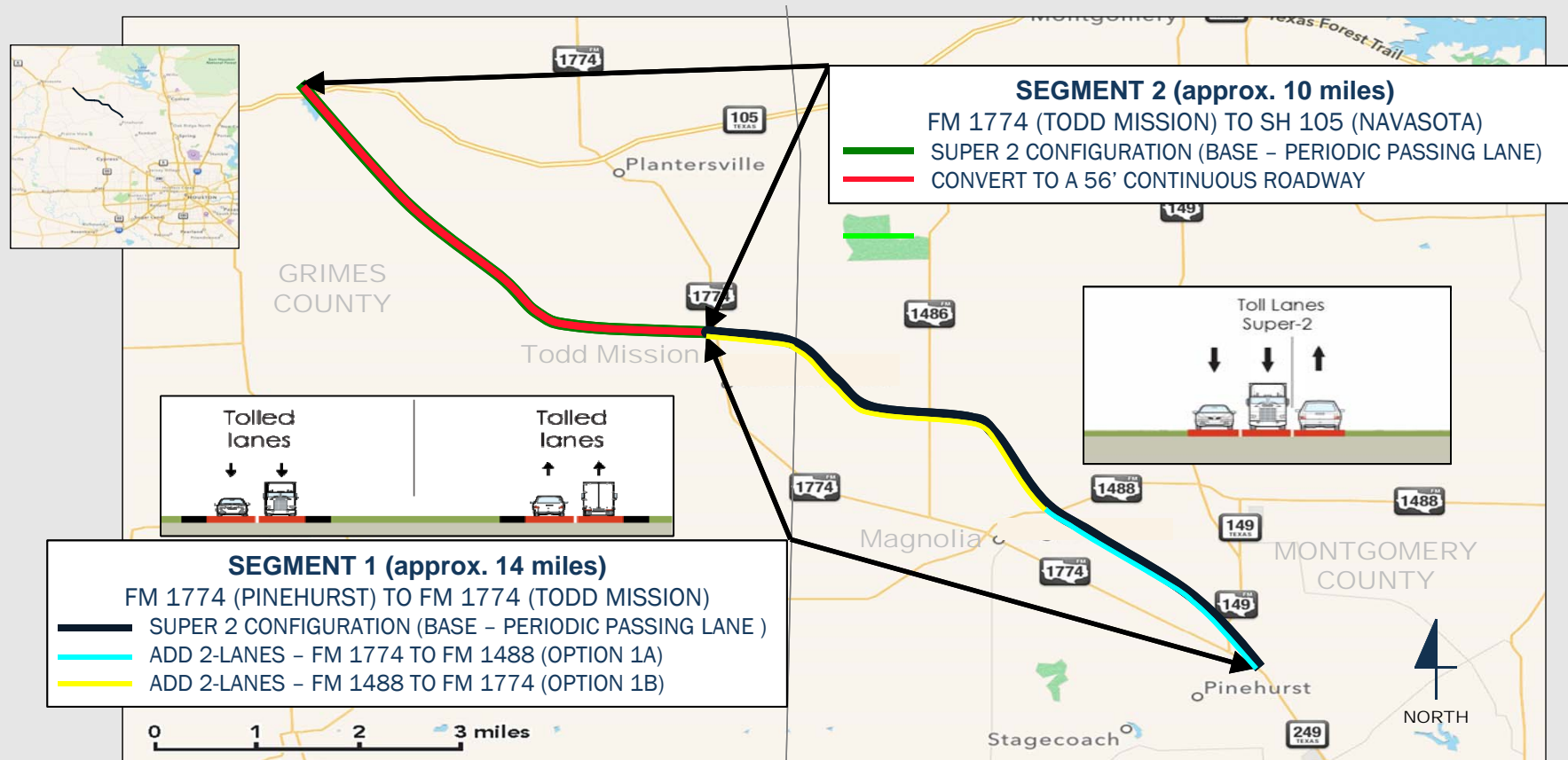
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SH 249 Project Overview



- **Project Length:** 24 miles
- **Segment 1 in Montgomery County**
 - ROD Approved in January 2016
 - Base Scope: Super 2 from FM 1774 in Pinehurst to FM 1774 in Todd Mission
 - Options for 4 lanes (2 lanes in each direction)
- **Segment 2 in Grimes County**
 - Environmental clearance anticipated Q3 of CY16
 - Base Scope: Super 2 from FM 1774 in Todd Mission to SH 105 in Navasota
 - Option for continuous 56-ft cross-section in lieu of periodic passing lanes under Super 2 configuration

SH 249 Project Overview



SH 249 Project Overview

Short-Listed Proposers

- FRFQ issued May 15, 2015
- FRFQ responses received July 17, 2015
- 5 Teams short-listed on August 27, 2015:
 1. Webber – Ferrovial
 2. Zachry
 3. Williams Brothers
 4. McCarthy – James Construction
 5. Granite – Texas Sterling

Procurement Phase

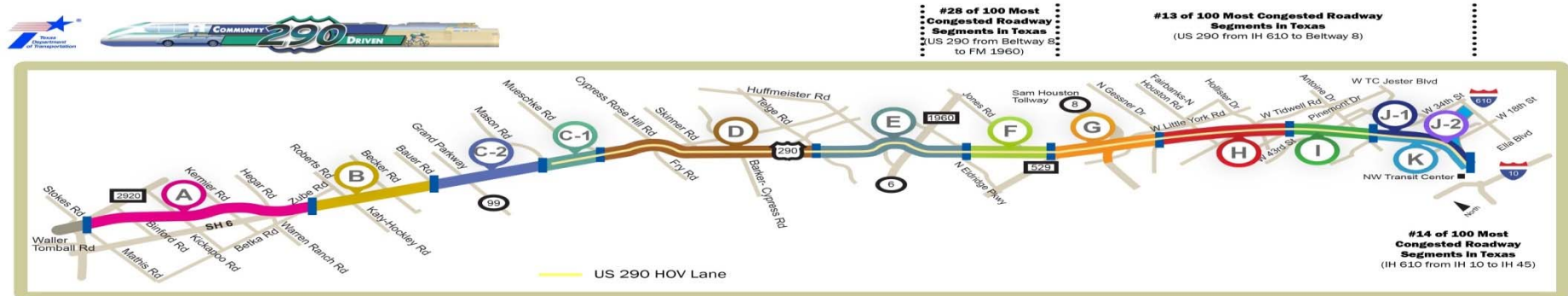
- Draft Request for Proposals issued January 15, 2016
- Final RFP anticipated to be issued in Q3 of CY16
- One-on-One Meetings anticipated to be held Q3 of CY16
- ATCs submittal and review during Q3 of CY16
- Proposals due in Q4 of CY16
- Conditional Award in Q1 of CY17

Implementation Phase

- Contract Execution in Q1 of CY17
- NTP1 in Q2 of CY17
- NTP2 in Q3 of CY17
- Begin Construction in Q3 of CY17

Target Phased Open to Traffic: Segment 1 then Segment 2 Open TBD

Projects



	A	B	C-2	C-1	D	E	F	G	H	I	J-1	J-2	K
Project Limits	FM 2920 to Badtke Rd	Badtke Rd to Bauer	Bauer Rd to Mason Rd	Mason Rd to Mueschke Rd	Mueschke to Telge Rd	Telge Rd to Eldridge Pkwy	Eldridge Pkwy to FM 529	FM 529 to W. Little York	W. Little York to Pinemont	Pinemont to W. 34 th St	US 290/ IH 610	US 290/ IH 610	US 290/ IH 610
Year of Letting	2015	2015	2015	2014	2013	2013	2013	2012	2013	2013	2012	2013	2011
Contract Amount	\$60m*	\$33m*	\$37m*	\$49m*	\$85m*	\$135m*	\$58m*	\$110m*	\$153m*	\$143m*	\$107m*	\$152m*	\$151m*
Contract Award	June 2015	May 2015	May 2015	July 2014	November 2013	April 2013	March 2013	September 2012	April 2013	May 2013	October 2012	November 2013	May 2011
Contractor	Williams Brothers Construction Co., Inc.	Williams Brothers Construction Co., Inc.	Williams Brothers Construction Co., Inc.	Williams Brothers Construction Co., Inc.	Williams Brothers Construction Co., Inc.	Williams Brothers Construction Co., Inc.	W.W. Webber, LLC	W.W. Webber, LLC	W.W. Webber, LLC	OHL, USA	Williams Brothers Construction Co., Inc.	Williams Brothers Construction Co., Inc.	Williams Brothers Construction Co., Inc.
% Complete	37%	34%	50%	52%	66%	43%	55%	78%	37%	49%	79%	42%	94%

- 13 construction contracts awarded

*Actual Contract Bid

Q & A

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