



# Texas Transportation Commission Meeting

December 13, 2012

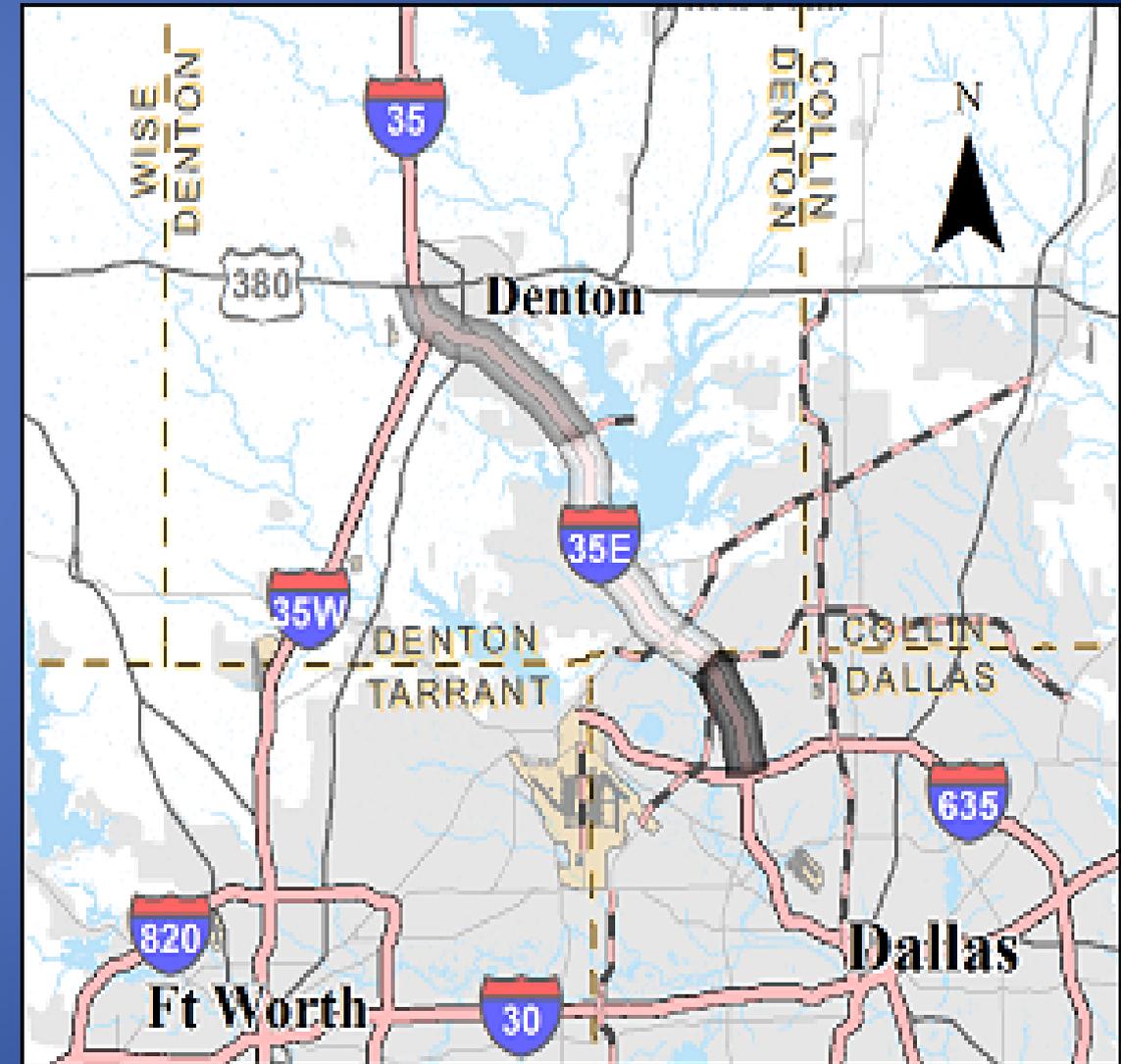
Item 9a.

**IH 35E Managed Lanes Project**

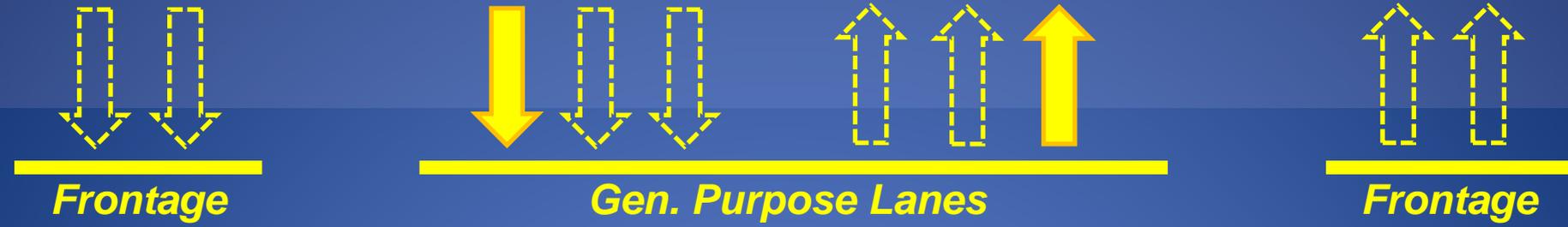


# IH 35E Managed Lanes Project Overview

- IH 635 to US 380 (approx. 28.2 miles)
- Construct two reversible managed lanes
- Construct one additional general purpose lane each direction
- Construct new southbound bridge at Lake Lewisville
- Maximize use of existing pavement and structures, minimize ROW



Turbeville Road to US 380



SH 121 to Turbeville Road



*\*New frontage roads constructed over Lake Lewisville*

IH 635 to SH 121





## Procurement History

- January 23, 2012 – Issued Request for Qualifications
- March 2012 – SB 1420 Committee Determination
- April 26, 2012 – Shortlisted four of the five proposer teams
- July 13, 2012 – Issued Request for Proposals (RFP)
- November 12, 2012 – Received Technical Proposals
- November 19, 2012 – Received Financial Proposals
- **December 13, 2012 – Conditional Award**



# Shortlisted Proposers

## **AGL Constructors:**

### Equity Members

- Archer Western Contractors, LLC
- Granite Construction Company
- The LANE Construction Company

### Non-equity Members

- Joint Venture of HDR Engineering, Inc. and Parsons Transportation Group
- Parsons Transportation Group (Parsons)
- HDR Engineering, Inc. (HDR)
- DBi, Services LLC
- STL – Southwest Testing Laboratories
- MAS-TEK Engineering & Associates, Inc.
- Hatch Mott McDonald Group Inc.
- Lina T. Ramey and Associates, Inc.
- Terracon Consultants, Inc.
- IEA, Inc.
- Hayden Consultants, Inc.
- VRX, Inc.
- CP&Y, Inc.
- Open Channels Group, LLC



# Shortlisted Proposers

## **Dallas to Denton Constructors:**

### Equity Members

- Zachry Construction Corporation
- SNC-Lavalin Inc.

### Non-equity Members

- Infrastructure Corporation of America (ICA)
- Bridgefarmer & Associates, Inc.
- SNC-Lavalin Engineers & Constructors Inc.
- URS Corporation
- Civil Associates, Inc.
- Kennedy Consulting, Ltd.
- ARS Engineers, Inc.
- APM & Associates, Inc.
- Cobb, Fendley & Associates, Inc.
- CRIADO & Associates, Inc.
- E TTL Engineers & Consultants, Inc.
- Tolunay-Wong Engineers, Inc.
- Golder Associates Inc.
- GEOTEL Engineering, Inc.
- O.R. Colan Associates of Illinois, LLC
- W. Ware & Associates, Inc. dba Ware & Associates, Inc.



# Shortlisted Proposers

## **IH 35E Infrastructure:**

### Equity Members

- Ferrovial Agroman S.A.
- Webber, LLC
- Texas Sterling Construction Co.

### Non-equity Members

- Lockwood, Andrews & Newman, Inc
- Janssen & Spaans Engineering, Inc.
- The Louis Berger Group, Inc
- ISI Contracting, Inc.
- Othon, Inc.
- AIA Engineers, Ltd. (AIA)
- Professional Services Industries, Inc. (PSI)
- Cobb, Fendley & Associates, Inc.



# Shortlisted Proposers

## **Northern Link Constructors:**

### Equity Members

- Fluor Enterprises, Inc.
- Balfour Beatty Infrastructure, Inc.
- Kiewit Infrastructure South Co.

### Non-equity Members

- AECOM Technical Services, Inc.
- VMS, Inc.
- Parsons Brinckerhoff, Inc.
- Halff Associates, Inc.
- Kimley-Horn and Associates, Inc.
- Kleinfelder Central, Inc.
- Aguirre & Fields, LP
- HVJ Associates, Inc.
- Rios Engineering, LLC
- Arredondo, Zepeda & Brunz, LLC
- Pinnacle Consulting Management Group
- Raba Kistner, Inc.
- STL Engineers
- Lamb-Star Engineering, LP
- K Strategies Group LLC



# Evaluation of Proposals

- TxDOT implemented a pre-established and rigorous evaluation procedure to select the proposal that offers the best value
- Separate pass/fail, technical and price evaluations
- Evaluation subcommittees provided scoring recommendations to Evaluation Selection Recommendation Committee (ESRC)
- ESRC provided scoring recommendations to Project Steering Committee



# Scoring of Proposals

Best Value scoring based on scope, price, schedule, and technical factors:

<u>Component</u>	<u>Point Value</u>
Base Price Score	70
Options Price Score	10
CMA Price Score	5
<u>Technical Score</u>	<u>15</u>
Total	100



# Results

## Detailed Evaluations

resulting in.....



## Results (cont.)

# AGL Constructors

- Archer Western Contractors, LLC
- Granite Construction Company
- The LANE Construction Company

**is recommended to the Texas Transportation Commission as providing the best value**



## Results (cont.)

- **Archer Western / Granite / LANE**  
(AGL Constructors).....96.72 pts
- **Zachry / SNC-Lavalin**  
(Dallas to Denton Constructors).....94.39 pts
- **Fluor / Balfour Beatty / Kiewit**  
(Northern Link Constructors).....92.03 pts



## Best Value Price

### AGL Constructors

Design & Construction	\$ 849 M
CMA (years 1 – 15)	\$ 29 M
Options 1 – 9	\$ 287 M
CMA Adjustment for Options 1 – 9	\$ 12 M
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Total	\$ 1,177 M

*All values are in year of expenditure dollars*



# Options Prices

<b>Option</b>	<b>Description</b>	<b>Price</b>
1	IH 635 Interchange Connection	\$ 44.5 M
2	Managed Lanes from Turbeville Rd. to Loop 288	\$ 59.8 M
3	General Purpose Lanes between IH 635 and SH 121	\$ 27.5 M
4	Belt Line Road General Purpose Lane Improvements	\$ 0.0 M
5	Dickerson Parkway Interchange	\$ 30.1 M
6	Corinth Parkway Interchange	\$ 20.8 M
7	Collector-Distributor System between PGBT and SH 121	\$ 30.7 M
8	Direct-Connect Ramps on North Side of IH 35E / SH 121 Interchange	\$ 65.3 M
9	Post Oak Drive Interchange	\$ 8.8 M
		<b>Total \$ 287 M</b>



## Next Steps

- Negotiate final terms of DBA and CMA
- FHWA concurrence with award
- Attorney General legal sufficiency review
- 30-day notice and information to Legislative Budget Board
- Execution of the DBA and CMA
- Start construction in 2013
- Complete construction in approximately 3.5 years



# TxDOT Evaluation

- 48 people participated in the Evaluation
- 35 – TxDOT Staff
- 11 – Consultant / Advisors
- FHWA



# Questions

***Staff recommends and requests your approval of this minute order.***