



ITEM 11C. SH 360 PROJECT

Texas Transportation Commission Meeting



A Successful Partnership



TxDOT

- Initially funds the project
- Lead agency for the procurement, design, construction and ROW acquisition

NTTA

- Active participant in the procurement process
- Collects and sets tolls
- Repays TxDOT loan from toll revenues collected
- Performs toll systems integration
- Operates and maintains tolling/ITS equipment

NCTCOG

- Active participant in the procurement process
- Provides security for shortfall in Toll Revenues in a Backstop to NTTA and TxDOT

Local Governments

- May participate in funding of Options

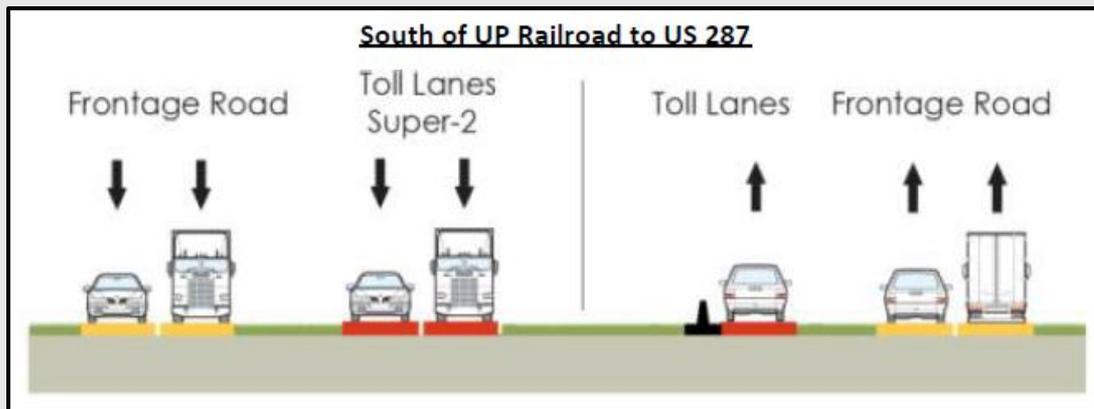
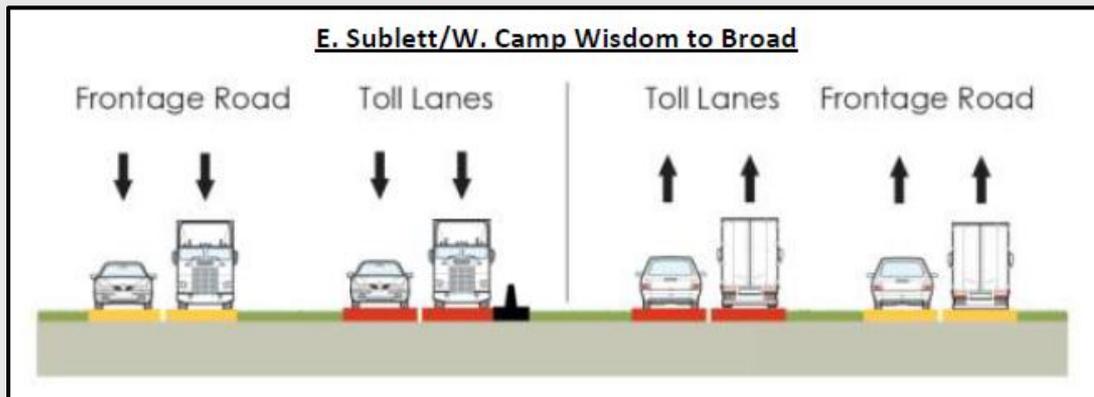
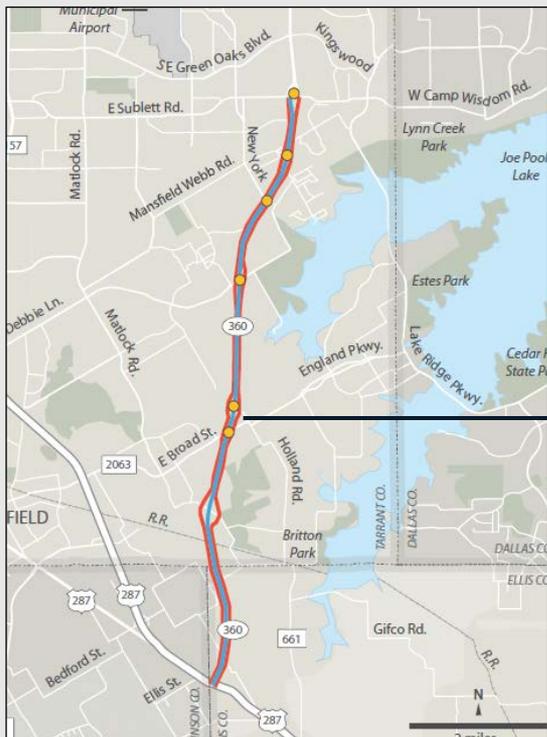


Project Scope – Base Scope

- Two tolled mainlanes in each direction from E. Sublett Rd./W. Camp Wisdom Rd. to Broad St.
- One tolled mainlane in each direction with alternating passing lane (Super 2 configuration) from Broad St. to Matlock Rd.
- NB frontage road from Heritage Parkway to US 287
- Continuous NB and SB frontage road at UPRR
- Repair and resurface existing frontage roads



Project Scope – Base Scope Cross Sections



Project Scope – Options

Option 1

SH 360 Mainlane Extension

- Extends two tolled mainlanes in each direction from Broad Street to north of Matlock Road
- Constructs grade separation for the SH 360 toll lanes over Matlock
- Completes SH 360 southbound to northbound frontage road turnaround and frontage road box at US 287

Option 2

US 287 Improvements

- Constructs a portion of new US 287 northbound frontage road and ramps
- Constructs new US 287 northbound and southbound mainlane bridges over SH 360

Option 3

Cross Street Improvements

- Build-out of up to nine (9) cross streets to Ultimate configuration
- Widens cross street bridges over SH 360
- Constructs cross street intersections
- Four (4) intersections in the Cities of Arlington and Grand Prairie
- Five (5) intersections in the City of Mansfield

Procurement History and Schedule



SH 360 at US 287 (looking south)

Jan 16, 2014
Environmental
Clearance

Mar 10, 2014
RFQ Issued

June 26, 2014
Shortlisted 5 of
9 proposers

Sept 8, 2014
RFP Issued

Jan 13, 2015
Received 4
proposals

Feb 26, 2015
Recommend
Conditional
Award

Sept 2015
Begin
Construction

Sept 2017
Substantial
Completion

- **Anticipated Contract Execution and Notice to Proceed (NTP1) May 2015**
- **NTP1 to Substantial Completion – Maximum 810 days**

Equity owner: **Walsh Infrastructure, LLC**

Major non-equity members and other team members:

- Alliance Geotechnical
- Archer Western Construction, LLC
- Archer Western/Mario Sinacola JV
- Berg Oliver Associates
- Bridgefarmer & Associates, Inc.
- CMS Engineering
- D&S Engineering
- Graham Associates
- Mario Sinacola & Sons Excavating, Inc.
- Mas-Tek Engineering
- O.R. Colan Associates of Illinois, LLC
- Pacheco Koch
- Public Information Associates
- Roy Jorgensen Associates, Inc.
- Savant Group
- Solaray Engineering

**alphabetical order*

Submitted Proposal — *Balfour Beatty Infrastructure, Inc.**

Equity owner: **Balfour Beatty Infrastructure, Inc.**

Major non-equity members and other team members:

- Amec Foster Wheeler (formerly, AMEC)
- Balcones Geotechnical, PLLC
- CP&Y, Inc.
- CRIADO & Associates, Inc.
- CTL Group, Inc.
- Geotel Engineering, Inc.
- Global Civil Solutions
- Halff Associates, Inc.
- HDR Engineering, Inc.
- K Strategies Group, LLC
- MV Engineering, Inc.
- Raba Kistner Infrastructure, Inc.
- Salcedo Group, Inc.
- STL Engineers
- Structural Engineering Associates, Inc.
- The Transtec Group, Inc.

**alphabetical order*

Equity owner: **The Lane Construction Corporation/J.D. Abrams⁺**

Major non-equity members and other team members:

- AECOM Technical Services, Inc.
- Blanton & Associates, Inc.
- CSJ Utility Coordinators, LLC
- Fugro Consultants, Inc.
- Hayden Consultants, Inc.
- Infrastructure Corporation of America
- K Strategies Group, LLC
- Michael Baker Jr., Inc.
- Pinnacle Consulting Management Group, Inc.
- Rios Engineering, LLC
- Rodriquez Engineering Laboratories, LLC
- SE3, LLC

**alphabetical order*

+firm employs former TxDOT Executive Director

Submitted Proposal — *Zachry/Parsons Design Builders.**

Equity owner: **Zachry Construction Corporation/Parsons Transportation Group, Inc.**

Major non-equity members and other team members:

- ARS Engineers, Inc.
- Cobb, Fendley & Associates, Inc.
- Criado & Associates
- DBi Services, LLC
- E TTL Engineers & Consultants Inc.
- IEA, Inc.
- Kleinfelder, Inc.
- K Strategies Group, LLC
- Lamb-Star Engineering, LP
- Sendero Acquisition, LP

**alphabetical order*

Evaluation of Proposals

- Implemented a pre-established and rigorous procedure to evaluate and select the proposal that offers the best value.
- Separate pass/fail, technical and price evaluations.
- Evaluation subcommittees provided scoring recommendations to the Evaluation and Selection Recommendation Committee (ESRC).
- ESRC provided scoring recommendations to the Project Steering Committee.
- Project Steering Committee reviewed ESRC recommendation and makes final recommendation to Commission.

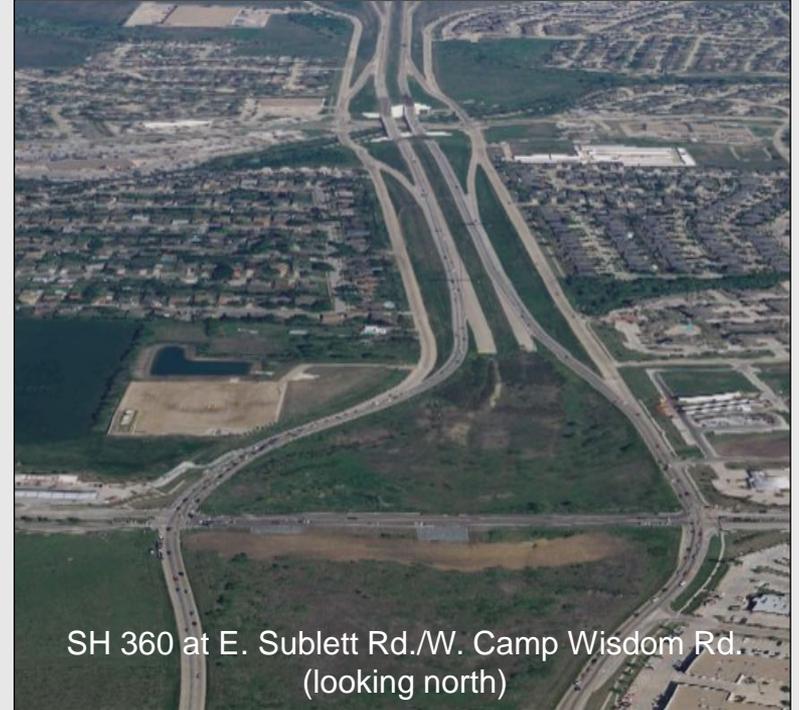
Apparent Best Value Determination

- Price includes design, construction and maintenance
- Technical score is based upon:
 - Technical Solutions
 - Project Management Plan
 - Quality Management Plan

Best Value Scoring:

Price	80 points
+ Technical	20 points
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Maximum	100 points

Apparent Best Value = Highest Total Proposal Score



Apparent Best Value Determination - Scoring

- ***DB Price Score = 80 points***
 - 75% Base Scope
 - 15% Option 1
 - 5% Option 2
 - 5% Option 3

- ***Technical Score = 20 points***
 - 40% Technical Solutions
 - 40% Project Management Plan
 - 20% Quality Management Plan



SH 360 at UPRR Bridge (looking south)

Detailed evaluations resulting in.....



Best Value Recommendation

Equity owner: **The Lane Construction Corporation/J.D. Abrams**

Major non-equity members and other team members:

- AECOM Technical Services, Inc.
- Blanton & Associates, Inc.
- CSJ Utility Coordinators, LLC
- Fugro Consultants, Inc.
- Hayden Consultants, Inc.
- Infrastructure Corporation of America
- K Strategies Group, LLC
- Michael Baker Jr., Inc.
- Pinnacle Consulting Management Group, Inc.
- Rios Engineering, LLC
- Rodriquez Engineering Laboratories, LLC
- SE3, LLC

Evaluation Results Summary

- **The Lane Construction Corporation/J.D. Abrams JV.....93.02 pts**
- **Balfour Beatty Infrastructure, Inc.....77.12 pts**
- **Walsh Infrastructure, LLC.....67.82 pts**
- **Zachry Constr. Corp./Parsons Transportation Group, Inc.....65.04 pts**

The Lane Construction Corporation/J. D. Abrams JV

Base Scope Design-Build Price	\$ 237,284,000
Option 1 Design-Build Price	\$ 1
Option 2 Design-Build Price	\$ 11,659,000
Option 3 Design-Build Price	\$ 29,700,000
COMA Price (Year 1 to 15)	\$ 43,174,900*
Total Price	\$ 321,817,901

**Initial Maintenance Term (Year 1 to 5) of \$12,619,000 + Second Maintenance Term (Years 5-10) of \$21,026,100 + Third Maintenance Term (Years 11-15) of \$9,529,800*

The Lane Construction Corporation/J.D. Abrams

- Base bid (Base + Option 1): 785 Days
- Option 2 bid: 25 Days
- Total bid: 810 Days (NTP1 to Substantial Completion)

Evaluation Team

- TxDOT Administration
 - Russell Zapalac
 - Bill Hale
 - James Bass
- TxDOT Strategic Projects Division
 - Katie Nees
 - Randy Redmond
 - John Hudspeth
 - Dieter Billek
 - Scott Spradlin
 - Mike Midkiff
 - Dawn Scheel
 - Bill Reichert
- TxDOT Office of General Counsel
 - Jack Ingram
 - Claire McGuinness
- TxDOT Debt Management Office
 - Ben Asher
 - Deborah Fleming
 - Sarah Chapa
- TxDOT Division Offices
 - Glen Knipstein (FIN)
- TxDOT FTW/DAL District Offices
 - Brian Barth
 - Kelly Selman
 - Loyl Bussell
 - Tony Payberah
 - Greg Cedillo
 - John Nguyen
 - Manuel Padron
 - Natnael Asfaw
 - Michael Clements
 - Blake Axen
 - Eric Hall
- NCTCOG Staff
 - Elizabeth Whitaker
 - Berrien Barks
- Procurement Support
 - Nossaman, LLP
 - Trisha de La Pena
 - Geoff Petrov
 - CDM Smith/RS&H
 - John Pollard
 - Andrew Keetley
 - E.J. Juanda
 - Glenn Goldstein
 - Brown & Gay Engineers
 - Stoney Skidmore
 - Michael McMicken

Next Steps

- Selection of Best Value Proposer by TTC
- Negotiate final terms of Design-Build Agreement (DBA) and Comprehensive Maintenance Agreement (COMA)
- Commission will be asked to approve final contract later this Spring
- Execute agreement and issue NTP1 at commercial close May 2015
- Begin construction/Issue NTP2 on or before September 2015
- Substantial Completion 810 days after NTP1 September 2015





Thanks to our Partners!



Commission Approval of Conditional Award

Staff recommends and requests Commission approval of this minute order for:

- Authorization for the department to commence and complete negotiations with Lane-Abrams Joint Venture to finalize the Design Build Agreement (DBA) and associated Comprehensive Maintenance Agreement (COMA) which include, at the department's sole discretion, execution of:
 - Option 1: SH 360 mainlanes extension,
 - Option 2: US 287 intersection improvements, and
 - Option 3: Up to nine (9) cross street improvements, pending local funding
 - Initial Maintenance Term (Years 1-5), Second Maintenance Term (Years 6-10), and Third Maintenance Term (Years 11-15) under the COMA.

Questions?