ITEM 7:
US 181 HARBOR BRIDGE PROJECT
Texas Transportation Commission
**Project scope**

- Develop, design, construct, maintain and finance a total project length of 6.44 miles.

- **Base scope**
  - New six-lane Harbor Bridge.
  - Reconstruction of approximately 1.6 miles of Interstate Highway 37 (I-37).
  - Reconstruction of approximately 1 mile of Crosstown Expressway (SH 286).
  - Demolition of the existing Harbor Bridge.

- **Option work**
  - #1 - Broadway Boulevard from Harbor Drive to I-37 (Requested by the City of Corpus Christi).
  - #2 - Transition of I-37 to a low-speed arterial street from the SH 286/US 181 Interchange to Mesquite Street.

- 25-year Operation and maintenance life-cycle contract.

- $984M identified in the Funding Plan.
Public outreach

- 4 public/agency scoping meetings from 2005 to 2011.
- 6 meetings of the Citizen Advisory Committee from 2011 to 2014.
- 5 meetings of the Technical Advisory Committee from 2011 to 2014.
- 8 neighborhood meetings prior to the DEIS in 2012.
- 8 additional neighborhood meetings prior to the public hearing in 2014.
- 2 public meetings with the City of Corpus Christi for park mitigation in 2013.
- 1 public meeting in 2012.
- Public hearing held February 18, 2014, extended formal comment period.
- In response to requests, the public comment period was extended 30 days.

Corpus Christi public hearing, February 18, 2014
Public outreach

- 20 days of neighborhood storefront meetings during DEIS public review period:
  - La Retama Central Public Library.
  - Oveal Williams Senior Center.

- Early coordination on environmental justice mitigation to include:
  - Livability summit hosted by FHWA and CC MPO in October 2014.
  - Currently Developing a livability plan for the Northside neighborhood working with FHWA.
  - Two livability workshops were conducted early 2015, with additional workshops before 2016.
  - “The History Project” involved testimonials from residents, historical photos documenting the history of the neighborhoods.
Multiple stakeholder meetings throughout the project

- EPA Summit EJ Interagency Workgroup
- North Beach HOA
- Bicycle/Pedestrian Committee
- Rotary, Kiwanis Club
- Black Chamber of Commerce
- Hispanic Chamber of Commerce
- Northside Neighborhood Association
- Corpus Christi MPO
- Port of Corpus Christi
- Westside Business Association
- Kelsey Memorial Methodist Church
- United Way of the Coastal Bend
- Spohn Health Care System
- “Blue Ribbon Panel” meetings to develop aesthetics requirements
  - February 19 and April 16, 2014
- Blue Ribbon Panel Members
  - Nelda Martinez, Corpus Christi Mayor
  - Judy Hawley, Port of Corpus Christi Commission Chair
  - Terry Simpson, San Patricio County Judge
  - Loyd Neal, Nueces County Judge
- Aesthetics requirements of the panel were provided to proposers.
- Aesthetics Subcommittee evaluated proposals based upon requirements in the RFP.
- Sustainability Plan – FHWA “INVEST” program platinum rating.
Submitted proposals — Flatiron/Dragados USA, JV*

**Equity members**
- Flatiron Constructors, Inc. (50%)
- Dragados USA, Inc. (50%)

**Major non-equity members and other team members**
- AIA Engineers, Ltd.
- Figg Bridge Engineers, Inc.
- Iridium Concesiones de Infraestructuras, S.A. (acting through ACS Infrastructure Development, Inc.)
- DBI Services, LLC
- Austin Bridge & Road, LP
- AZTEC Engineering Group, Inc.
- Beton Consulting Engineers, LLC
- Blanton & Associates, Inc.
- D.H. Griffin of Texas, Inc.
- IEA, Inc.
- Kellogg, Brown & Root Services, Inc.
- KCI Technologies, Inc.
- M2L Associates Inc.
- PaveTex Engineering and Testing, Inc.
- Pinnacle Consulting Management Group, Inc.
- Professional Service Industries, Inc.
- Randy Burkett Lighting Design, Inc.
- RJ Rivera Associates, Inc.
- The Boundary Layer Wind Tunnel Laboratory (as represented by The University of Western Ontario)
- Ware & Associates, Inc.

*alphabetical order
Submitted proposals — Harbor Bridge Constructors*

**Equity members**
- Walsh Infrastructure, LLC (100%)
- Walsh Investors, LLC (sole member of Walsh Infrastructure, LLC)

**Major non-equity members and other team members**
- Archer Western/Granite JV
- Archer Western Construction, LLC
- Granite Construction Company
- HDR Engineering, Inc.
- Infrastructure Corporation of America
- B2Z Engineering
- Bridgescape, LLC
- Genesis Structures, Inc.
- Hinman Consulting Engineers, Inc.
- Illumination Arts, LLC
- International Bridge Technologies, Inc.
- INTERA Incorporated
- KTA-Tator, Inc.
- Maldonado-Burkett Intelligent Transportation Systems, LLP
- Michael Baker Jr., Inc.
- Olivarrí & Associates, Inc.
- Rodriguez Transportation Group, Inc.
- RODS Surveying, Inc.
- RVE, Inc.
- Shannon & Wilson, Inc.
- Solaray Engineering, Inc.
- Stateside Right of Way Services, LLC
- STL Engineers
- Structural Engineering Associates, Inc.
- West Wind Laboratory, Inc.
- Wiss, Janey, Elstner

*alphabetical order
Submitted proposals — Harbor Bridge Partners*

**Equity member**
- Kiewit Development Company

**Major non-equity members and other team members**
- Buckland & Taylor
- J.D. Abrams, L.P.
- Lamb-Star Engineering, L.P.
- Miller Paving Limited
- Parsons Brinkerhoff, Inc.
- AIA Engineers, Ltd.
- Alta Vista Solutions
- CSJ Utility Coordinators, LLC
- Gunda Corporation, LLC
- IDCUS dba IDC Inc.
- Lymon C. Reese & Associates
- Olivarri & Associates Inc.
- Rowan Williams Davies & Irwin Inc.
- Tolunay-Wong Engineers, Inc.
- Touchstone Architecture & Consulting, P.A.
- The Transtec Group, Inc.
- Universal Field Services, Inc.

*alphabetical order*
Submitted proposals — Traylor-Zachry-Fluor Crosstown Builders*

**Equity members**
- TZF Crosstown Constructors, LLC.
  - Traylor Bros., Inc. (35%)
  - Zachry Construction Corporation (35%)
  - Fluor Enterprises, Inc. (30%)
- TZF Crosstown Maintenance, LLC.
  - Traylor Bros., Inc. (10%)
  - Zachry Construction Corporation (10%)
  - Fluor Enterprises, Inc. (80%)

**Major non-equity members**
- TYLI-PTG, JV
- T.Y. Lin International
- Parsons Transportation Group, Inc.

**Other team members**
- Arias & Associates, Inc.
- Bridgefarmer & Associates, Inc.
- Cobb, Fendley & Associates, Inc.
- Corsair Consulting LLC
- Cox McLain Environmental Consulting, Inc.
- CTLGroup
- Dan Brown and Associates, PC
- Fugro Consultants, Inc.
- Illumination Arts, LLC.
- Infrastructure Corporation of America
- Karagozian & Case, Inc.
- Martinez, Guy & Maybik, Inc.
- Morehead Dotts Rybak
- Norton Corrosion Limited
- Rowan Williams Davies & Irwin, Inc.
- RVi Planning
- Volkert, Inc.
- Ximenes & Associates, Inc.

*alphabetical order

US 181 Harbor Bridge Project
Evaluation of proposals

Evaluation process

- Implemented a pre-established and rigorous procedure to evaluate and select the proposal that offers the best value.
- Separate pass/fail, technical/aesthetic, and price subcommittees.
- Subcommittees were separate and unaware of other committees’ scores.
- Evaluations were compiled and tallied by each subcommittee and recommendations made to TxDOT administration regarding a final score and then to Commission for consideration.
Apparent best value determination

- Price includes design, construction and maintenance.
- Technical and aesthetics score is based upon:
  - Aesthetic requirements.
  - Technical solutions.
  - Project management plan.
  - Quality management plan.
  - Maintenance management plan.
  - Sustainability plan.

**Best Value Scoring:**

<p>| | |</p>
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<th></th>
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<tbody>
<tr>
<td>Price</td>
<td>80</td>
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<tr>
<td>Technical including aesthetics</td>
<td>20</td>
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<td><strong>Maximum</strong></td>
<td>100</td>
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Apparent best value = **Highest** total proposal score
Detailed evaluations resulting in...
Flatiron/Dragados USA, JV

- **Equity owner:** Flatiron Constructors, Inc.
  Dragados USA, Inc.

**Major non-equity members and other team members:**

- AIA Engineers, Ltd.
- Figg Bridge Engineers, Inc.
- Iridium Concesiones de Infraestructuras, S.A.
  (acting through ACS Infrastructure Development, Inc.)
- DBI Services, LLC
- Austin Bridge & Road, LP
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- RJ Rivera Associates, Inc.
- The Boundary Layer Wind Tunnel Laboratory
  (as represented by The University of Western Ontario)
- ware & Associates, Inc
Evaluation Results Summary

- Flatiron/Dragados JV .......................................................... 93.74 pts
- Crosstown Builders (Traylor/Zachry/Fluor) .................................. 92.25 pts
- Harbor Bridge Constructors (Walsh) ........................................... 87.84 pts
- Harbor Bridge Partners (Kiewit) .................................................. 74.18 pts
## Evaluation results summary — Cost

### Best value proposer

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<th>Description</th>
<th>Price</th>
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<tr>
<td>Base Scope D&amp;C Price</td>
<td>$845,150,246.60</td>
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<tr>
<td>Option 1 Price</td>
<td>$7,394,266.40</td>
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<td>Option 2 Price</td>
<td>$2,039,892.07</td>
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<tr>
<td>Total D&amp;C Price</td>
<td>$854,584,405.07 (nominal)</td>
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## Best value proposer

<table>
<thead>
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<th>Description</th>
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<tbody>
<tr>
<td>O&amp;M Base Scope Price</td>
<td>$128,342,441.48</td>
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<tr>
<td>O&amp;M Option 2 Price</td>
<td>($141,339.40)</td>
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<tr>
<td>Total Price</td>
<td>$128,201,102.08 (NPV)</td>
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Aesthetics

- Shared Use Path
- Bridge/Pedestrian Belvedere
- Lighting Concept
- Exotic Bridge Structure
Aesthetics

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- Exotic Bridge Structure
Special thanks to our project champions

- **State Legislators**
  - Senator Juan Hinojosa
  - Representative Abel Herrero
  - Representative Todd Hunter

- **Counties**
  - Judge Loyd Neal
  - Judge Terry Simpson

- **City of Corpus Christi**
  - Mayor Nelda Martinez

- **Port of Corpus Christi**
  - Chairman Judy Hawley
Evaluation team

- **TxDOT Chief Planning and Projects Officer**
  - Russell Zapalac

- **Ex Officio Members**
  - James Bass, CFO
  - Bill Hale, Chief Engineer

- **TxDOT Strategic Projects Division**
  - Katie Nees
  - Dieter Billek
  - Mike Midkiff
  - Scott Spradlin
  - Matt McCarter
  - Jeannie Arellano
  - Frank Holzmann
  - Carol Luschen
  - Randy Grones

- **TxDOT Office of General Counsel**
  - Jim Bailey
  - Claire McGuinness

- **TxDOT Debt Management Office**
  - Benjamin Asher
  - Deborah Fleming
  - Sara Chapa
  - Glen Knipstein

- **TxDOT District Office**
  - Lonnie Gregorcyk
  - Chris Caron
  - Valente Olivarez
  - Victor Vourcos
  - Christopher Amy
  - Tomas Trevino
  - Martin Horst

- **TxDOT Division Offices**
  - Bernie Carrasco (Bridge)
  - Jamie Farris (Bridge)
  - Graham Bettis (Bridge)
  - John Delphia (Bridge)
  - Gregg Freeby (Bridge)
  - Joe Leidy (Pavement)
Next steps

- Negotiate final terms of comprehensive development agreement.
- Legislative Budget Board approval.
- FHWA environmental approval.
- NTP 1 is expected Fall 2015 (contingent on environmental approval).
- Begin design/construction early 2016 (contingent on environmental approval).
- Substantial completion expected spring 2020.
- Final acceptance expected summer 2020.
- Final design and construction may begin only upon completion of the NEPA process.
Questions?

Staff recommends and requests Commission approval of this minute order: To approve the Executive Director to negotiate and execute the Contract including O&M, Option #2 and Option #1, should local funding become available for Option #1.