



US 181 Harbor Bridge Replacement Project (HBRP)



Council Presentation
December 9, 2014



Why Relocate Bridge?



- Relocating the US 181 Harbor Bridge* –
 - ✓ Improves Safety
 - Geometry
 - Road Grade
 - Shoulders
 - Hurricane Evacuation
 - ✓ Addresses Long Term Maintenance and Operations Concerns
 - Steel Structure Over Salt Water
 - Fracture Critical (no redundant supporting elements)
 - Decrease Overall Maintenance Cost
 - Reduce Potential Roadway Closures



HBR Project Description



✓ **DEVELOP-DESIGN-CONSTRUCT-MAINTAIN CONTRACT:**

- Removal and replacement of the existing Harbor Bridge
- Recommended Alternative - Red Alternative.
- Total project length is 6.44 miles (bridge and connecting roadways)
- 6-lane divided structure
- Re-routing of US 181 from I-37 bridge
- Improve SH 286 and I-37 interchange to add direct connects
- Improve I-37 from Shoreline to Nueces Bay for re-routing of US 181
- Reconstruct US 181 north to Beach Avenue
- Reconstruct US 181 at Burleson Street
- Utility Relocations
- ROW Acquisition
- Environmental Mitigation
- Public Involvement



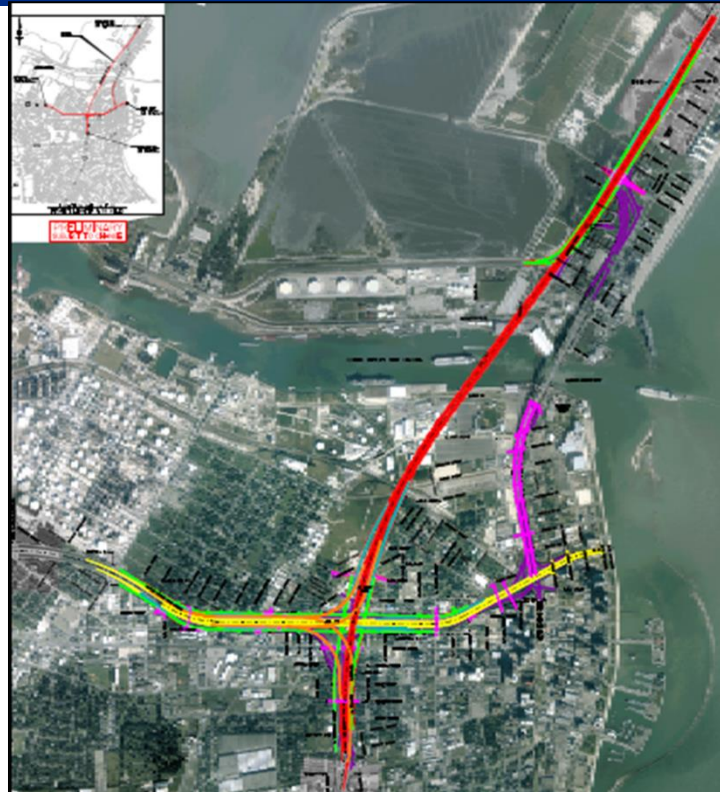
HBR Timeline



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- May 1956** – Construction Begins on Harbor Bridge
 - Nov 1959** – Bridge Opens to Traffic
 - 2003** – TXDOT Completes Study Which Recommends Replacing Bridge
 - 2011** – TXDOT Holds Public Scoping Meetings
 - Jan 2013** – TXDOT Prepares Route Scenarios
 - Jun 2013** – Council Approves Resolution of Support (029867)
 - Jun 2013** – Texas Transportation Commission (TTC) Commits Funding for HBR
 - Jan 2014** – TXDOT Releases Draft Environmental Impact Statement
 - Mar 2014** – TXDOT Releases RFQ for Project
 - Jun 2014** – TXDOT Selects 4 Teams for RFP Responses
 - Aug 2014** – R/UDAT Develops Report - S.E.A. District & North Beach
 - Oct 2014** – TXDOT Issues RFP to 4 Developer Teams
 - Dec 2014** – Council Approves Contribution Agreement (first of four agreements)
 - Feb 2015** – Developer Teams Submits Proposals to TXDOT
 - Mar 2015** – TTC Conditionally Awards to Selected Team
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Red Alternative Route





Key City Issues



- **FUNDING:**

- ✓ City's Local Participation \$6.0 M *
- ✓ Parks Mitigation (\$3.5 Bond 14 Prop 2 + \$2.5 MPO/TIP/TAP (See Note 1)) \$6.0 M **
- ✓ Wetlands Mitigation (See Note 2) \$0 ***

- **AGREEMENTS W/ TXDOT:**

- ✓ Contribution Agreement (ROW Donation & Utility Reloc.) Dec 2014 *
- ✓ Interlocal Agreement (Wetland Mitigation) Jan 2015 ***
- ✓ Project Utility Adjustment Agreement (PUAA)(Utility Reloc.) May 2015 *
- ✓ Advance Funding Agreement (AFA)(Parks Mitigation) Jun 2015 **

- **"GATEWAY" PROJECTS:**

- ✓ Reversion - Option to Extend Broadway North \$ TBD
- ✓ Transitioning of I 37- from Crosstown to Shoreline \$ TBD

Note 1: Transportation Improvement Program/Transportation Alternative Program

Note 2: No cost to City for 25 years; after, City commitment to retain as wetland.



HBR Project Cost



• Preliminary Engineering	\$ 40,370,216
• ROW & Utilities	\$ 98,500,000
• Construction	\$ 823,881,956
• Construction Engineering	\$ 61,379,206
• Contingencies	\$ 0
• Indirect Costs	<u>\$ 47,290,824</u>
TOTAL PROJECT COST:	\$1,071,422,202*



Local Participation



• Corpus Christi MPO	\$ 31,890,000
• Port of Corpus Christi	\$ 38,000,000
• San Patricio County	\$ 12,450,000
• Nueces County	\$ 12,450,000
• City of Corpus Christi	<u>\$ 6,000,000</u>

(ROW Acquisition & Utility Relocations/Adjustments)

TOTAL LOCAL PARTICIPATION: \$100,790,000



Parks Mitigation



- **Total Cost for Parks Mitigation:** \$6.0 M
 - ✓ Bond 2014 (Prop2) –
 - ❖ HBR Mitigation and Support Projects, Phase I \$3.5 M
 - ✓ MPO/TIP/TAP \$2.5 M

- **Address loss of T.C. Ayers & Lovenskiold Parks:**
 - ✓ Request T.C. Ayers Park Urban Park & Rec. Recovery (UPARR) Grant perpetuity requirement be designated at nearest Major Investment Park
 - ✓ Complete conversion by Spring 2015

- **Park Mitigation includes (City of CC Estimates):**
 - ✓ Hike & Bike Impr. in Hillcrest & Washington-Coles Neighborhoods \$ 912.5 K
 - ✓ Dr. H. J. Williams Memorial Park (existing) \$ 750.0 K
 - ✓ Washington Park (new) \$2,818.0 K
 - ✓ Ben Garza Park (existing) \$ 410.0 K
 - ✓ TC Ayers Park (swimming pool) \$ 591.0 K
 - ✓ Contingency \$ 518.5 K



Wetlands Mitigation



- North Beach
 - ✓ No cost to City
 - ✓ No City maintenance responsibility during project construction
 - ✓ City to dedicate wetlands in perpetuity (Interlocal Agreement)
 - ✓ Required for permitting by Corp of Engineers
 - ✓ Associated with loss of wetlands along route on North Beach

Harbor Bridge Project: Potential Mitigation Site



* Note: The parcel is an approximate representation of the city lot.



Next Steps



City

- Bond 2014 Election (Proposition 2) Nov 2014
- Council Approval of Contribution Agreement Dec 2014
- Resolve UPARR Perpetuity Issue Spring 2015
- Decommission Parks (T.C. Ayers & Lovenskiold) 2015
- Council Approval of 3 Remaining Agreements 2015
- Continue to work w/ TXDOT re: wetland mitigation 2015
- Decision on Broadway and I-37 "Gateways" 2015

TXDOT

- Team Proposals Due to TXDOT Feb 2015
- Comprehensive Development Agreement (CDA) Between TXDOT & Developer Conditionally Awarded Mar 2015
- Reversion of Broadway Summer 2015
- Construction Begins Late 2015
- Construction Complete 2020



Harbor Bridge Replacement Project



WORKING IN PARTNERSHIP TO BUILD THE FUTURE.
