

AUSTIN MOBILITY

US 183 and SH 71 UPDATE

9.4.13

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PLANNING SUBCOMMITTEE OF THE AUSTIN CITY COUNCIL

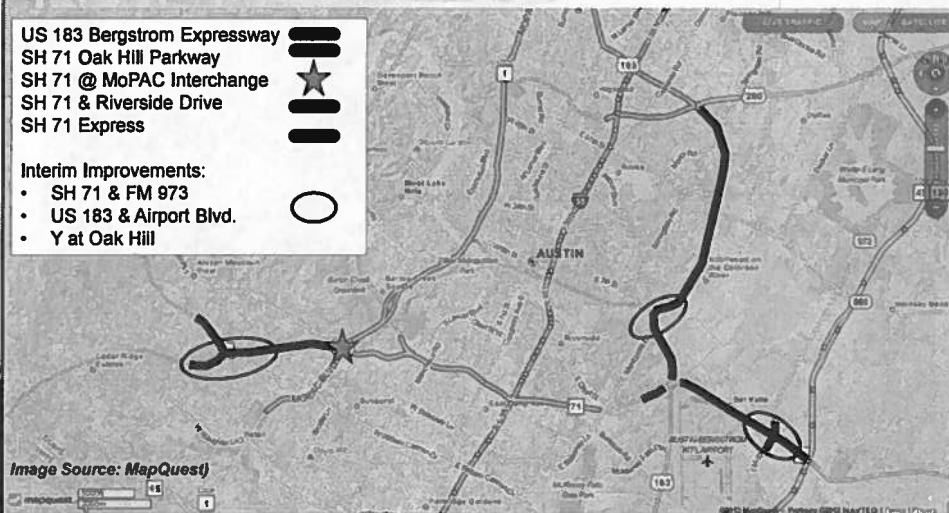


Project Overview

US 183 Bergstrom Expressway
SH 71 Oak Hill Parkway
SH 71 @ MoPAC Interchange
SH 71 & Riverside Drive
SH 71 Express

Interim Improvements:

- SH 71 & FM 973
- US 183 & Airport Blvd.
- Y at Oak Hill

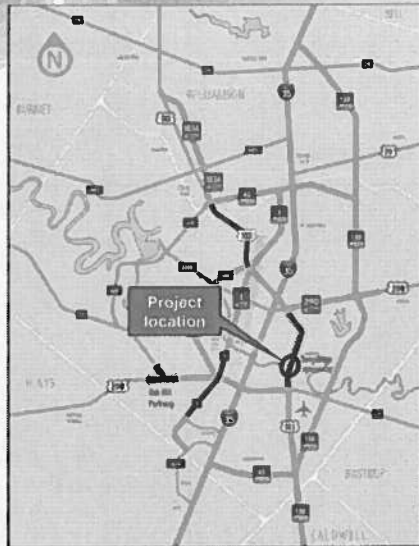


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9.4.2013 Comprehensive Transportation & Planning
Subcommittee of the Austin City Council



US 183 Short-Term Improvements



2010 Mobility Bond Project

- TxDOT/COA Bottleneck Committee recommendation
- Modifies lane designations on US 183 crossing river
 - Reduces Congestion: Vehicle speeds increase 11% on freeway section, Travel delay reduced by 12%
 - Improves Safety: Provides 2 continuous travel lanes for US 183 (eliminates single lane exit and driver confusion), Eliminates merging requirement

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6.5.2011 Comprehensive Transportation & Planning Subcommittee of the Austin City Council



US 183 Short-Term Improvements



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US 183 Short-Term Improvements

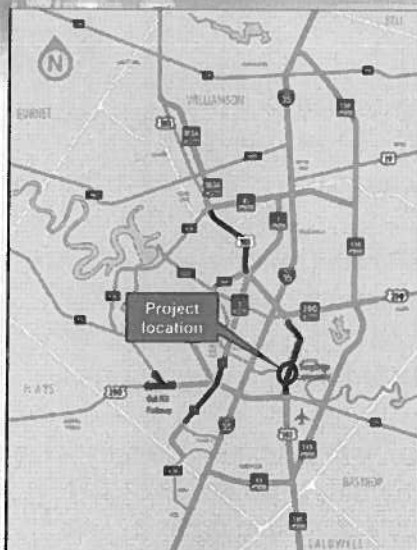


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8.0.2013 Comprehensive Transportation & Planning
Subcommittee of the Austin City Council



US 183 Short-Term Improvements



2010 Mobility Bond Project

- Total Costs: \$132,835
 - City's Cost: \$112,477
 - TXDOT'S cost: \$20,385
- AFA to Council 8/8/2013

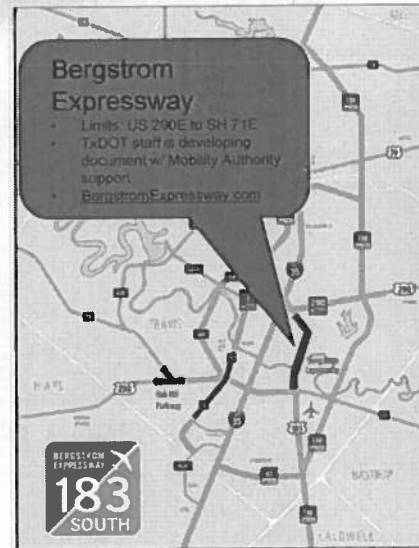
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Subcommittee of the Austin City Council



US 183 Bergstrom Expressway

- TxDOT/CTRMA Launched new environmental study in 2011
- Alternatives being considered:
 - No-Action
 - 6-tolled lanes, 4 non-tolled lanes
- Outreach activities to date
 - 2 Open Houses
 - Extensive elected official and community leader outreach
 - Context Sensitive Solutions process
 - Multiple Open Houses
 - Online survey
 - Project website/social media

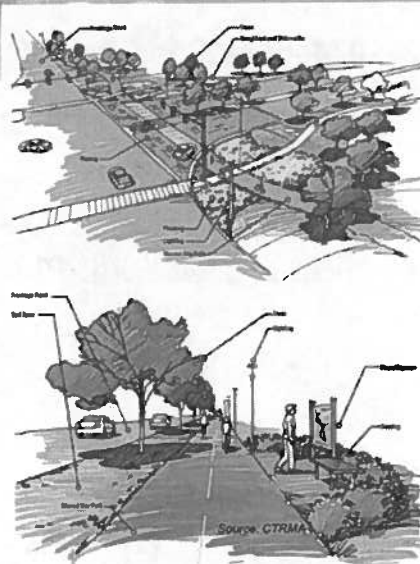


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9.3.2014 Comprehensive Transportation & Planning Subcommittee of the Austin City Council



US 183 Bergstrom Expressway



- Environmental clearance anticipated in early 2015
- Construction anticipated to begin 2016
- Estimated total project cost: \$726 million (*excludes financing costs*)
- \$100 million allocated in TxDOT's Unified Transportation Program (UTP)
- CDA (P3) legislative authority extension (HB 3391/SB 1730) could be utilized



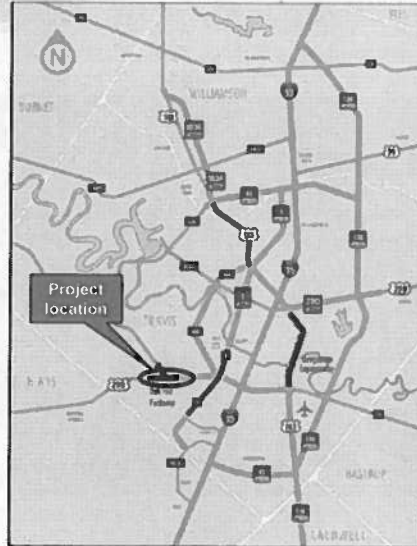
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9.3.2014 Comprehensive Transportation & Planning Subcommittee of the Austin City Council



US 290/SH 71 Interim Projects

- Y at Oak Hill
 - Dual left turn lanes at FM 1826 and at Convict Hill
 - Continuous Flow Intersections (CFIs)
 - Wider shoulders for bicyclists and pedestrians
 - Pedestrian facilities at signalized intersections
 - Sidewalks in select locations
 - Utility relocation and upgrades
- Construction in progress; completion First Quarter 2015
- \$11.1 Million (COA, TxDOT, Travis Co.)



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US 290/SH 71 Interim Transportation & Planning Subcommittee of the Austin City Council



US 290/SH 71 Interim Projects

US 290 at SH 71 – Proposed Improvements
(Image courtesy of TxDOT)

Continuous Flow Intersections



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US 290/SH 71 Interim Transportation & Planning Subcommittee of the Austin City Council



US 290/SH 71 Interim Projects

US 290 at William Cannon Drive – Proposed Improvements
(Image courtesy of TxDOT)

Continuous Flow Intersections

Source: TxDOT



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6.5.2015 Comprehensive Transportation & Planning
Subcommittee of the Austin City Council



US 290/SH 71 Interim Projects

US 290 at Joe Tanner Road – Proposed Improvements
(Image courtesy of TxDOT)

U-Turn Access to Joe Tanner

Source: TxDOT



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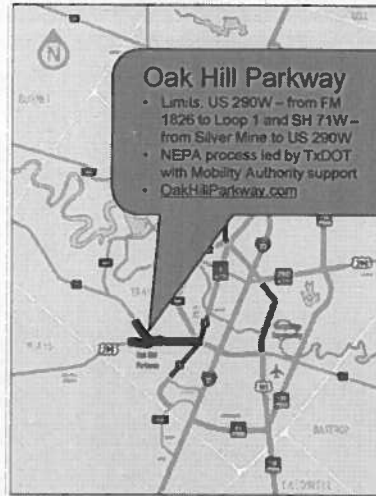
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6.5.2015 Comprehensive Transportation & Planning
Subcommittee of the Austin City Council



US 290/SH 71 Oak Hill Parkway

- Environmental Studies began October 2012
- 8 to 9 Proposed Alternatives
 - No-Build
 - 8 parkway concepts
 - Alignments
 - Treatment of creek
 - Access
- Environmental clearance anticipated in 2016



Source: TxDOT/CTRMA

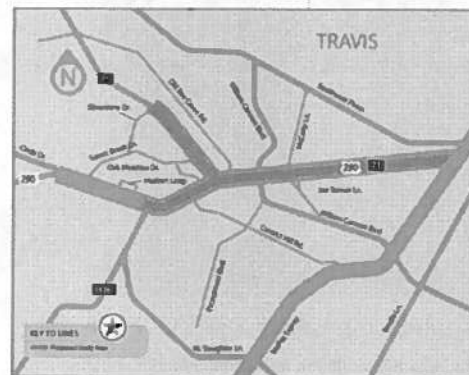
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US 290/SH 71 Oak Hill Parkway

- Estimated cost based on previous design: \$680M *(excludes financing costs and could change depending on selected alternative)*
- \$42.1M allocated in TxDOT's Unified Transportation Program (UTP)
- Alternative delivery and finance options being considered



Source: TxDOT/CTRMA

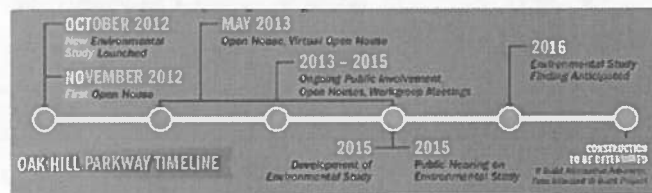
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US 290/SH 71 Oak Hill Parkway

- Outreach activities to date
 - 2 Open Houses and Virtual Open House
 - Extensive elected official and community leader outreach
 - Community naming (Oak Hill Parkway)
- Citizen Participation Workgroups
 - Environmental
 - Design
 - Bike/Pedestrian
 - Aesthetics
- Project website/social media



Source: TxDOT/CTRMA



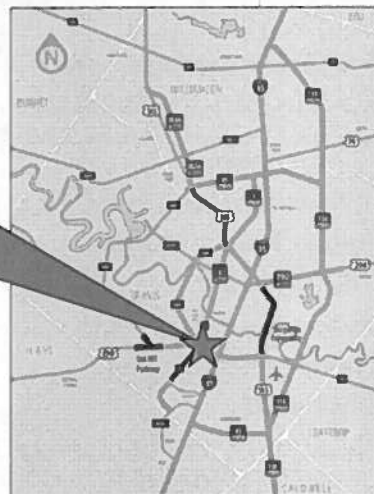
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MOPAC at Ben White Interchange



- Project Completed 11/30/12
- Count stations installed 6/1/13, with 20,000 Veh/day using new ramps
- City to earn \$10M on an \$8.9 M Project cost
- First annual payment of ILA anticipated Jan 14



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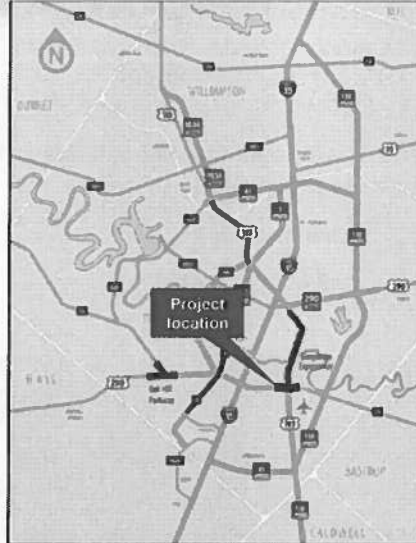
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SH 71 & Riverside Drive

- Grade separation of main lanes and Riverside Drive
- Frontage roads/exit ramps for Riverside Drive
- Bridge designed for possible future Urban Rail
- Construction in progress; completion Q1, 2014
- \$ 35 Million (TxDOT)



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SH 71 & Riverside Drive



SH 71 @ Riverside Drive – Proposed Improvements
(Image courtesy of TxDOT)



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SH 71 at FM 973 Interim Improvements

- Super Street Concept (Right Turn/U-Turn)
- Pedestrian facilities and sidewalks improvements
- Operational
- \$ 3 Million (TxDOT)



Source: TxDOT



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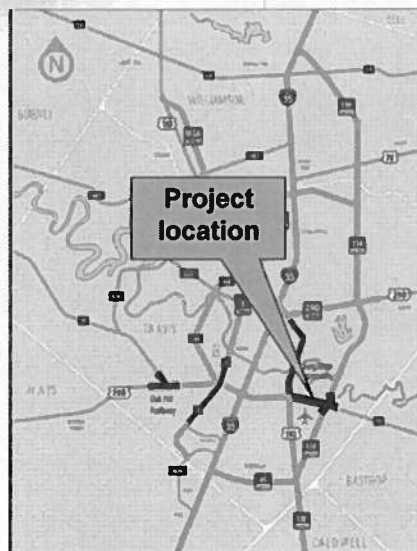
8.5.2012 Comprehensive Transportation & Planning Subcommittee of the Austin City Council



SH 71 Express

Project Definition

- Adds 2 new toll lanes (one in each direction) from Presidential Boulevard to SH 130
- Reconstructs and realigns the FM 973 intersection at SH 71 (previously approved through a separate environmental study)
- Constructs a bridge over SH 130 and connecting ramps between the new toll lanes and the mainlanes of SH 71 and SH 130
- Widens SH 71 between Presidential Boulevard and FM 973 to provide a minimum of six non-toll through lanes (three in each direction) will be maintained



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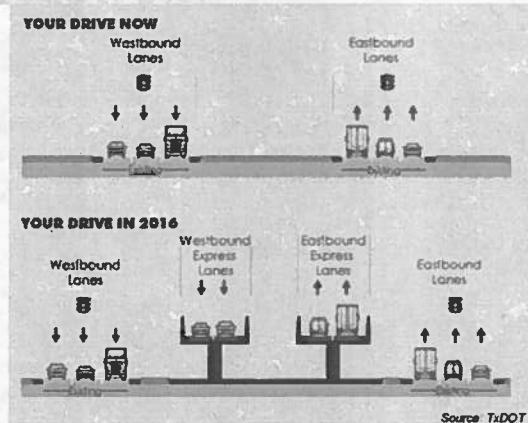
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SH 71 Express

Proposed Project (At FM 973)



Project Costs

\$ 117,000,000
 Design/Construction
 \$ 24,000,000 Right of Way
 \$ TBD Utilities
 \$ Tolling/ITS
\$ 141M Total Capital Costs

- * All costs are in 2013 dollars
- * Local participation in ROW acquisition costs required



SH 71 Express

Anticipated Schedule

- August 13, 2013 – First Open House
- 2013 through 2014 - Ongoing public involvement
- Summer 2014 - Public Hearing
- Summer 2014 - Anticipated environmental finding
- Winter 2014 - Anticipated construction begins
- Winter 2016 - Anticipated open to traffic





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US 183 and SH 71 UPDATE

8.5.13

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Austin Transportation Director