

# Bell Boulevard Realignment Open House

March 20, 2018 from 5 – 7 p.m.

Questions & Comments accepted until April 4, 2018

## Quick Facts:

- Project length is 0.819 mile
- Project limits are from Cedar Park Drive to south of Buttercup Creek Boulevard
- Current project phase is Preliminary Engineering and Design
- One 14-foot lane and one 11-foot lane in each direction on Bell Boulevard
- Raised median with protected turn lanes
- 8- to 10-foot shared-use path with crosswalks at Buttercup Creek Boulevard and Park Street intersections
- Project will include safety illumination and landscaping

- As currently proposed, the City of Cedar Park is funding the project

## Project Development Timeline:



*The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been carried out by TxDOT pursuant to 23 U.S.C. 327 and a memorandum of understanding dated December 16, 2014, and executed by FHWA and TxDOT.*



## Bell Boulevard Realignment

March 20, 2018

Contact Information: Emily Truman, P.E.

City of Cedar Park Senior Engineer

(512) 401-5000

BellBlvdRealignment@cedarparktexas.gov

# TxDOT Noise Analysis

- Regulation: Projects on state system require noise study to check for Traffic Noise Impact
- Process: Sound meter and predicted noise levels were monitored at multiple locations in the neighborhood
- Indicators: Depending on the noise levels predicted by the study, 2 results determine whether abatement is considered:
  - 1) Do the predictions exceed residential NAC of 67dB(A); or
  - 2) Do the predictions show an increase of greater than 10 dB(A).
- Results:
  - 1) All receivers predict residential noise levels will stay under 67 dB(A) with new alignment.
  - 2) Average dB(A) increase next to residential area = 3.33 dB(A)
- Conclusion: For the current alignment, the predictions of the noise analysis indicate abatement is not required.



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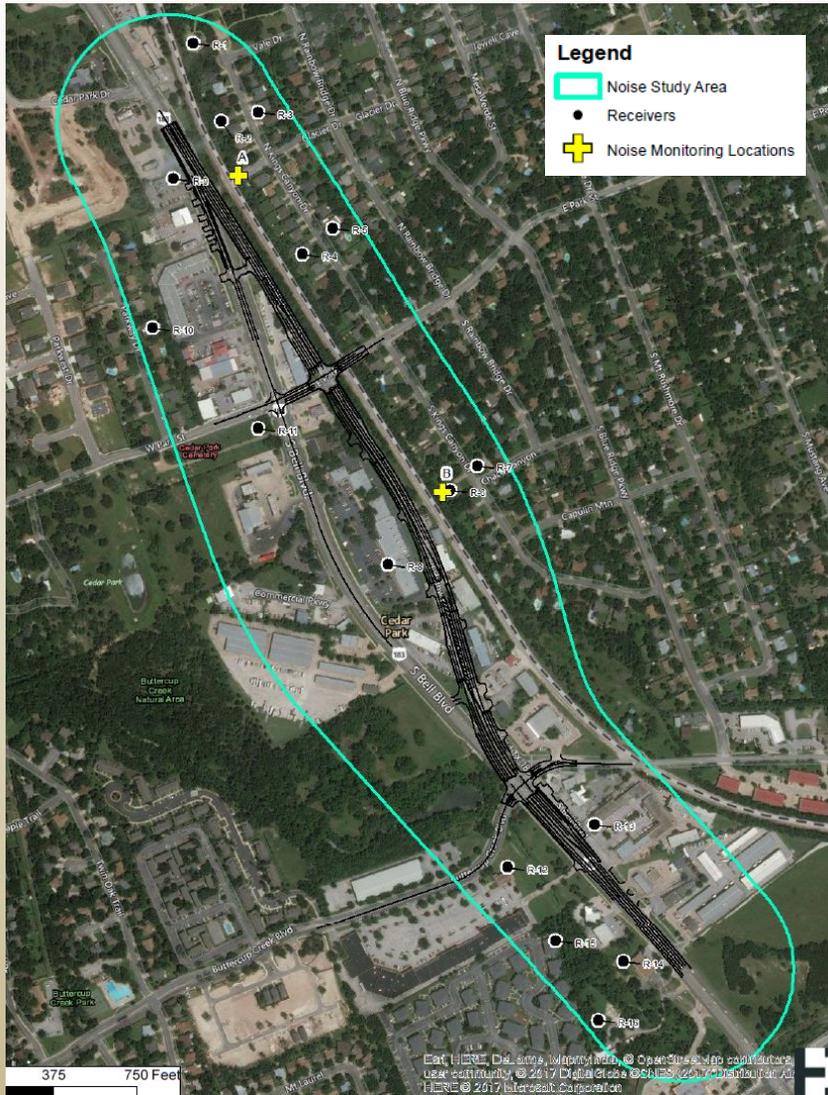


Table 2: Traffic Noise Levels dB(A) Leq

Representative Receiver (description)(represents)	NAC Category	NAC Level	Existing 2020	Build Alternative		
				Predicted 2040	Change (+/-)	Noise Impact
R1 (park) (1)	C	67	59	59	0	NO
R2 (single-family residence) (7)	B	67	61	62	+1	NO
R3 (single-family residence) (6)	B	67	55	57	+2	NO
R4 (single-family residence) (12)	B	67	59	63	+4	NO
R5 (single-family residence) (13)	B	67	54	57	+3	NO
R6 (single-family residence) (16)	B	67	56 <sup>1</sup>	63	+7	NO
R7 (single-family residence) (12)	B	67	56 <sup>1</sup>	59	+3	NO
R8 (restaurant) (1)	E	72	65	47	-18	NO
R9 (restaurant) (1)	E	72	70	69	-1	NO
R10 (single-family residence) (9)	B	67	48	48	0	NO
R11 (cemetery) (1)	C	67	69	58	-11	NO
R12 (medical center) (1)	C	67	62	61	-1	NO
R13 (learning center) (1)	D	51	47	47	0	NO
R14 (learning center) (1)	C	67	61	62	+1	NO
R15-1 (apartments first-story) (18)	B	67	58	58	0	NO
R15-2 (apartments second-story) (18)	B	67	60	61	+1	NO

<sup>1</sup> These receivers were located greater than 500 feet from the existing Bell Boulevard; therefore noise monitoring data was used to establish the existing noise levels

# Environmental Resources Considered

- Air Quality
- Texas Antiquities Code (Archeology)
- Cemeteries
- Historic Resources
- Public Parks/Recreational Areas
- Wildlife and Protected Species
- Migratory Birds
- Community Impacts
- Hazardous Materials
- Noise Impacts
- Wetlands/Waters of the U.S.
- Water Quality
- Public Involvement



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# Socioeconomics: Community Impacts Assessment

- Land Use
- Demographics
  - Population and Population Projections
  - Race and Ethnicity
- Environmental Justice
  - Economic Indicators
  - Displacements
  - Community Cohesion
  - Limited English Proficiency



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# Technical Reports

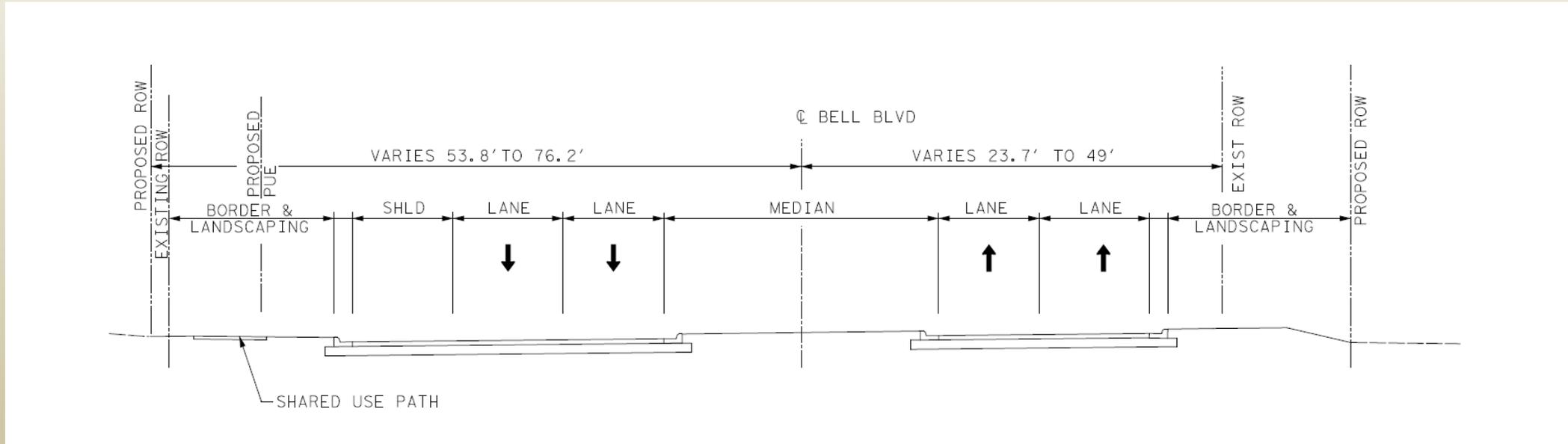
Technical Reports will include the following resources at a minimum:

Resources	Status
Jurisdictional Waters	Submitted to TxDOT for Review
Species and Wildlife	Submitted to TxDOT for Review
Socioeconomic Impacts	Ongoing
Archeology	Ongoing
Hazardous Materials	Ongoing
Air Quality	Ongoing
Noise	Noise Study Complete –no abatement measures warranted

# Environmental Next Steps

- Continue preparing technical reports for coordination with resource agencies
- After technical reports, compile information and analysis into Draft EA
- Disseminate Draft EA for public comment
- Finalize Draft EA
- Public Hearing
- Prepare Final EA and anticipated Finding of No Significant Impact (FONSI)

# Typical Section



# Exhibits and Comments

Exhibits presented tonight can be viewed online at:

- 1) <http://www.txdot.gov> [Search: Bell Boulevard (US 183) Realignment]; and
- 2) <http://www.cedarparktexas.gov/departments/engineering/city-project-updates>

Submit comments and questions at this open house or by April 4, 2018 to:

[BellBlvdRealignment@cedarparktexas.gov](mailto:BellBlvdRealignment@cedarparktexas.gov)

Comments submitted by the deadline will be included in the official record of the open house.



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