



FM 471 PROJECT

OPEN HOUSE

FM 471 (Culebra Road) from SH 211 to
Old FM 471

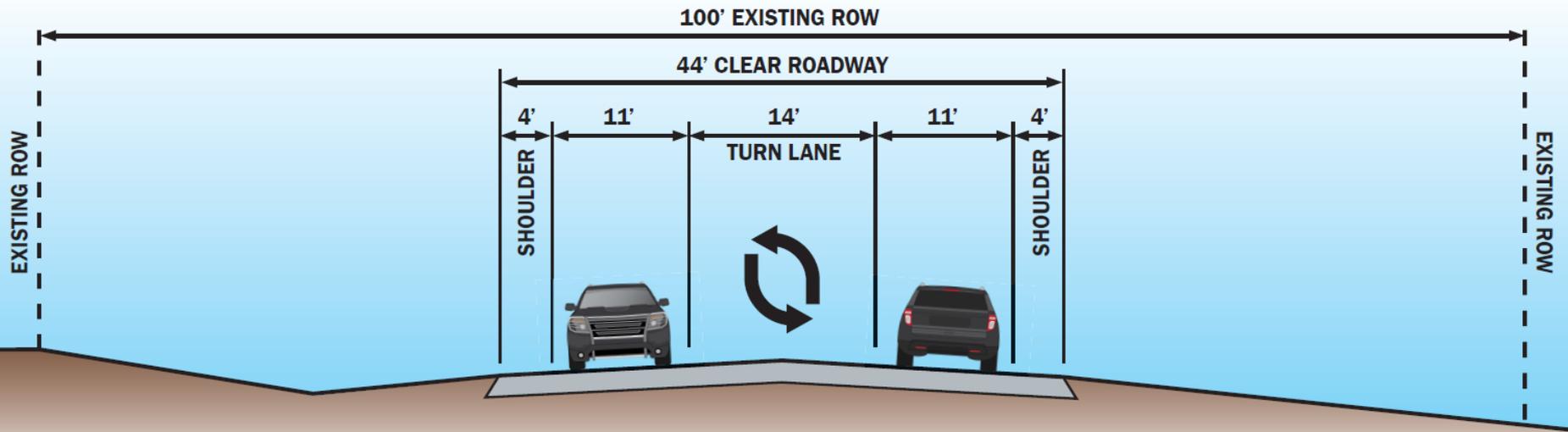
Medina and Bexar Counties



Improvements include:

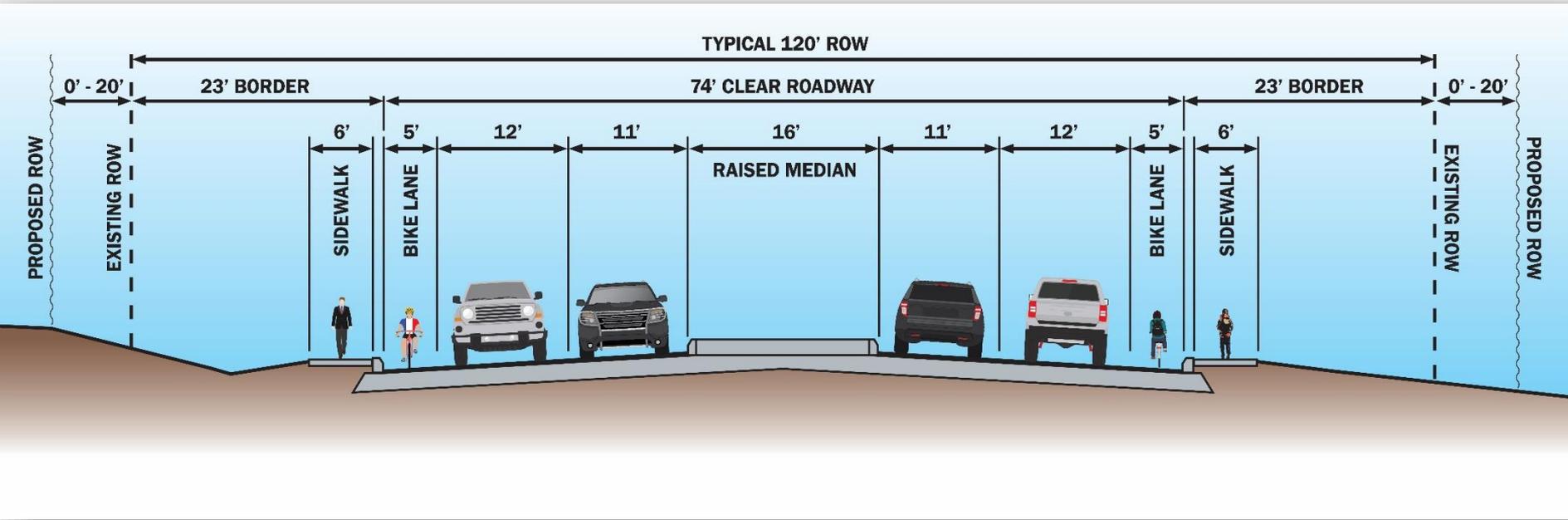
- Expansion of FM 471 from a 2-lane roadway to a 4-lane roadway with raised medians and left turn lanes
- Bike and pedestrian accommodations
- An overpass at SH 211 over FM 471

Existing FM 471 Typical Section



*Rendering not to scale

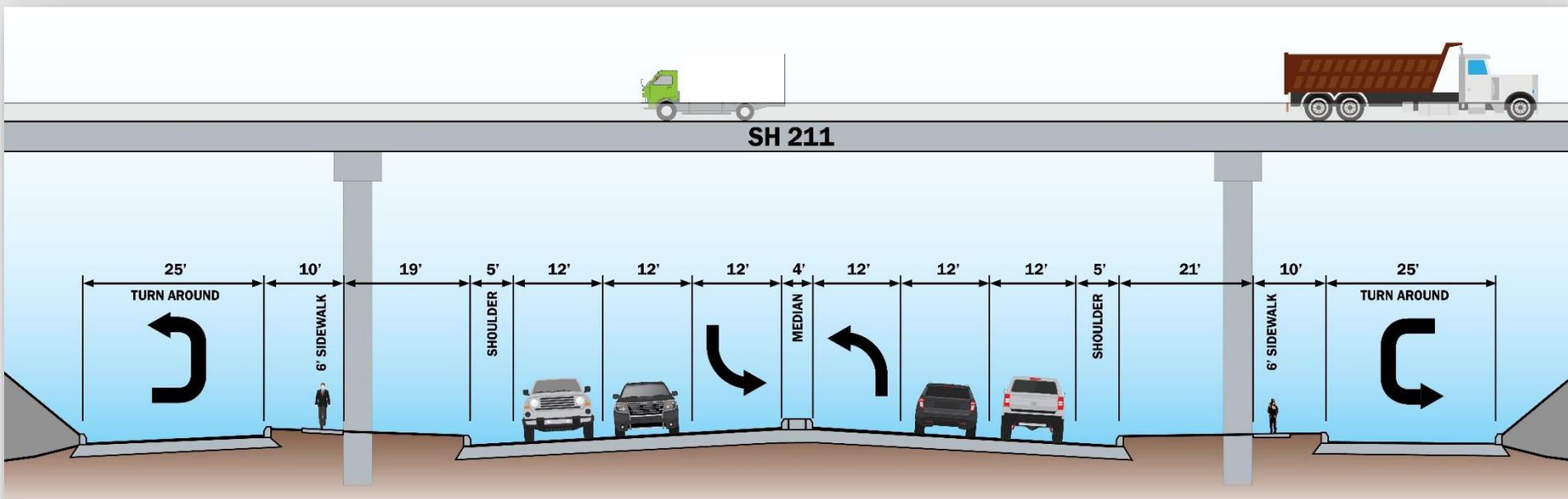
Proposed FM 471 Typical Section



*Rendering not to scale

Proposed FM 471 & SH 211 Interchange

Looking East

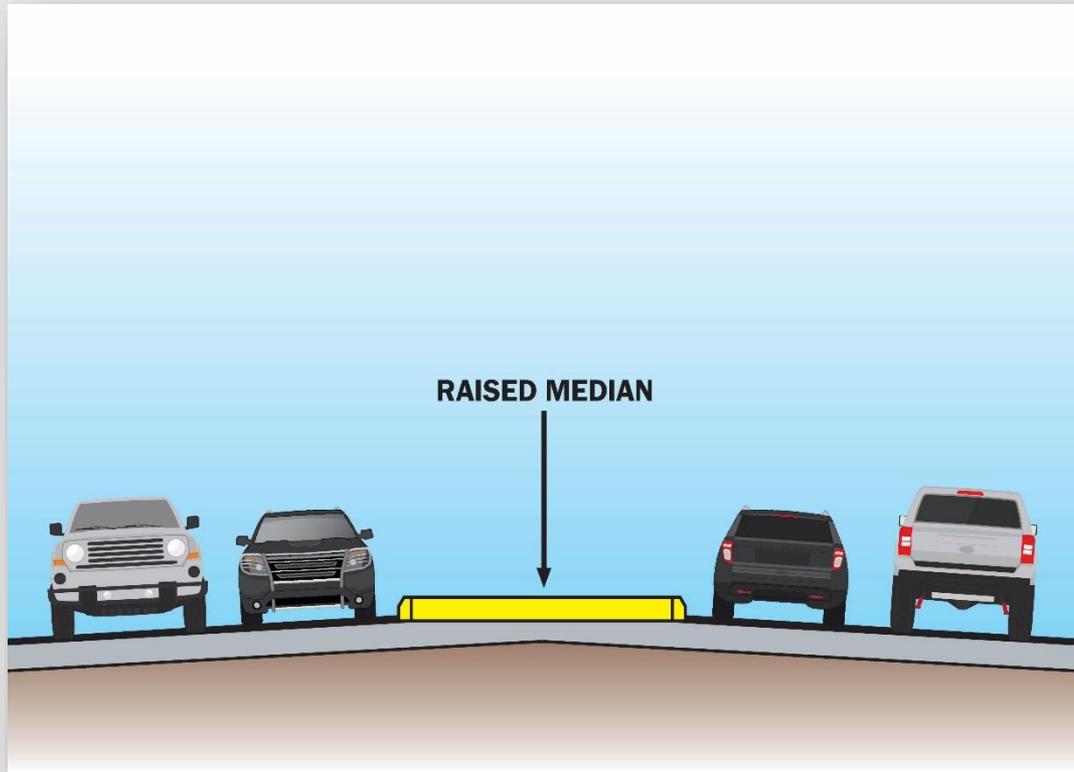


*Rendering not to scale

Proposed Improvements – Raised Medians

What are raised medians?

- Raised medians are a curbed section that safely separate traffic traveling in opposite directions.



Proposed Improvements – Why Raised Medians?

- Why raised medians?
 - The current and future planned development along FM 471 will increase traffic utilizing the roadway.
 - Raised medians reduce traffic conflict points by eliminating opposing left turns into and out of driveways.



Proposed Improvements – Why Raised Medians?

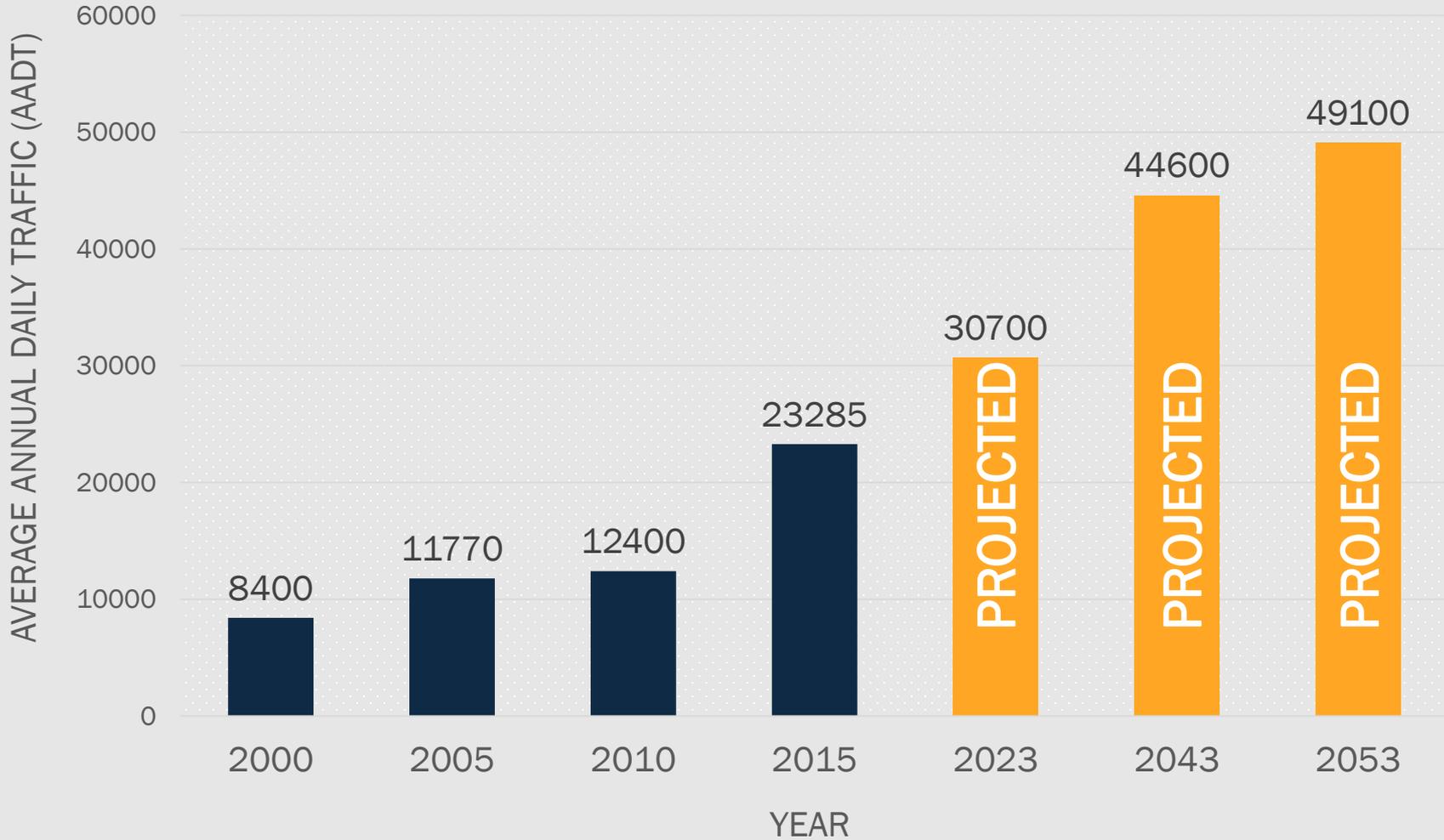
- How do raised medians improve SAFETY?
 - A significant reduction in the number and severity of crashes after installation of raised medians
 - Separate opposing traffic flows
 - Eliminate opposing left-turns at closely spaced driveways and busy signalized intersections
 - Roadways with a non-traversable median have an average crash rate about 30 percent less than roadways with a two-way left-turn lane.
(ref: Texas Department of Transportation (TxDOT), Roadway Design Manual, 2002.)

Proposed Improvements – Why Raised Medians?

- How do raised medians improve MOBILITY?
 - Reduce traffic delay and congestion
 - Restrict left turns to intersection median openings
 - The National Highway Institute reports that inadequate access management can increase travel time and delay by as much as 40 to 60 percent.

(ref: Reilly, W., et al.,.Capacity and Service Procedures for Multi-lane Rural and Suburban Highways,. Final Report NCHRP Project 3-33, JHK & Associates and Midwest Research Institute, May 1989).

Traffic Trend - (FM 471)



Studies are underway to evaluate potential impacts of the proposed project on social and environmental resources, including:

- Historic-age Resources
- Archeological Resources
- Parks
- Cemeteries
- Threatened and Endangered Species
- Vegetation
- Water Resources

- Commercial and Residential Properties
- Socioeconomics and Community Cohesion
- Air Quality
- Traffic Noise
- Hazardous Materials
- Section 4(f) Properties

Project Schedule and Funding

- Current Estimated Construction Cost:
Approximately \$29 million

- Project Funding:

Federal, State, Bexar County, and Alamo RMA

- Earliest Anticipated Construction :
Late 2021

- Anticipated Construction Duration:
2.5 years



Project Timeline

2016 - SUMMER 2018

Develop Schematic & Environmental

JAN. 24 2018

Open House

SPRING 2018

Opportunity for Public Hearing

SUMMER 2018

Anticipated Environmental Clearance

WE ARE HERE

SUMMER 2018 - 2019

Design & Engineering

2019 - 2021

Obtain ROW & Relocate Utilities

LATE 2021 - 2023

Project Construction (2.5 Years)

* Depending upon funding availability, utility, and ROW coordination.

Provide Your Comments

Options for Commenting

1. Complete written comment card and leave in comment box
2. Provide verbal comments to on-site court reporter
3. Email comments to: FM471Project@hntb.com
4. Mail comments to:

FM 471 Project Open House Comment

Attn: Stacey Sinclair

9601 McAllister Freeway, Suite 1001

San Antonio, TX 78216

Deadline for Comments: February 8, 2018

- Meeting materials and project information will be posted online:
- Visit txdot.gov and enter “**FM 471 from SH 211**” in the search bar

***Thank You for Your
Participation!***

