

WELCOME

FM 1426 (N. Raul Longoria Rd.)

Public Meeting

From Nolana Loop to I-2

CSJ: 1429-02-036

Virtual Public Meeting: posted online Monday, April 15, 2024

In-Person Public Meeting: Tuesday, April 16, 2024

Why Am I Here?

- **Learn** About the Project
- **Understand** the Design
- **Submit** Comments

Registration

(Se Habla Español)

National Environmental Policy Act (NEPA) Assignment to TxDOT

Asignación de la Ley Nacional de Política Ambiental (NEPA) a TxDOT

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 9, 2019, and executed by FHWA and TxDOT.

La revisión ambiental, la consulta y otras acciones requeridas por las leyes ambientales federales aplicables para este proyecto están siendo o han sido, llevadas a cabo por TxDOT de conformidad con 23 U.S.C 327 y un Memorando de Entendimiento con fecha del 9 de diciembre de 2019, y ejecutado por FHWA y TxDOT.

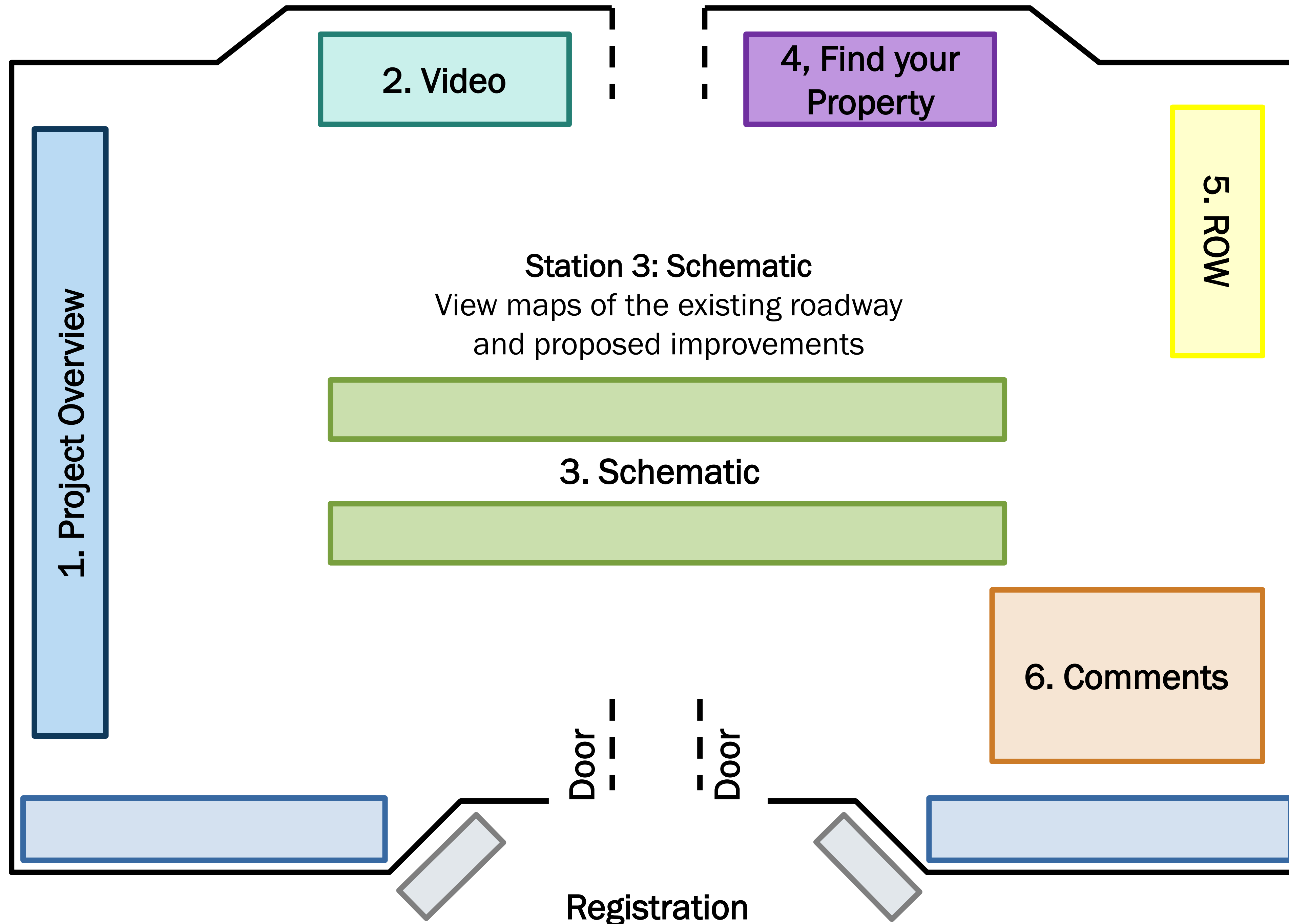
Room Layout



Station 2: Video
Watch a video presentation about the project (replays in English then Spanish)

Station 4: Find Your Property
Share your address with staff and they will show you the boundaries of the proposed improvements in relation to your property.

Station 1: Project Overview
View exhibits explaining the need and purpose of the project, existing/proposed roadway, next steps, how to comment, and how to access more information.



Station 5: Right of Way
If your property may be impacted by the proposed improvements, talk to TxDOT staff about the right-of-way acquisition process and relocation assistance program.

Station 6: Comments
Fill out a comment form and deposit the form in the comment box.

Project Details



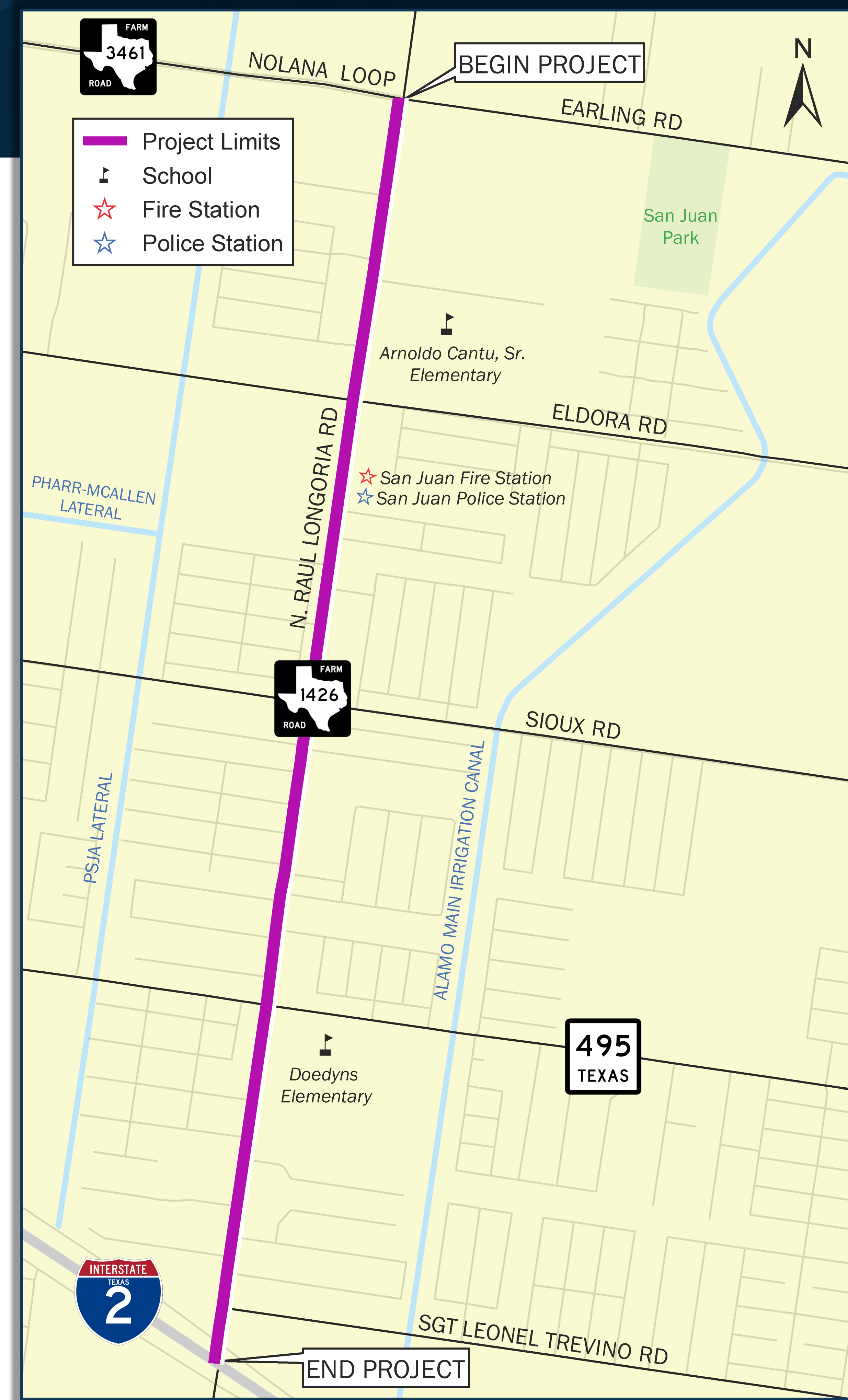
Project Name
FM 1426 (N. Raul Longoria Rd.)

Project Limits
From Nolana Loop to I-2

Project Length
Approximately
2.1 miles

Description

TxDOT is proposing to redesign FM 1426 (N. Raul Longoria Rd.) from Nolana Loop to I-2 from an existing four-lane roadway with a continuous left turn lane to a six-lane roadway with a raised median and a 10-foot-wide shared use path in each direction in San Juan, Hidalgo County, Texas. The existing FM 1426 right of way (ROW) width varies from 80 feet to 120 feet wide throughout the length of the project. The proposed ROW width would be 150 feet.



Project Need and Purpose



Project Need

Safety Issues

1,018
Total Crashes
(2019-2023)

269%
Higher Crash Rate than
Statewide Average

Sources: TxDOT C.R.I.S Data
2018-2022



Inadequate to Meet Current and Future Demand

27,591
2019 AADT*

32,200
2030 Projected AADT*

43,400
2050 Projected AADT*

57% ↑
Projected increase from
2019 to 2050 traffic
volumes

Sources: TxDOT TCDS and
TPP Corridor Packet
AADT* = Average Annual
Daily Traffic



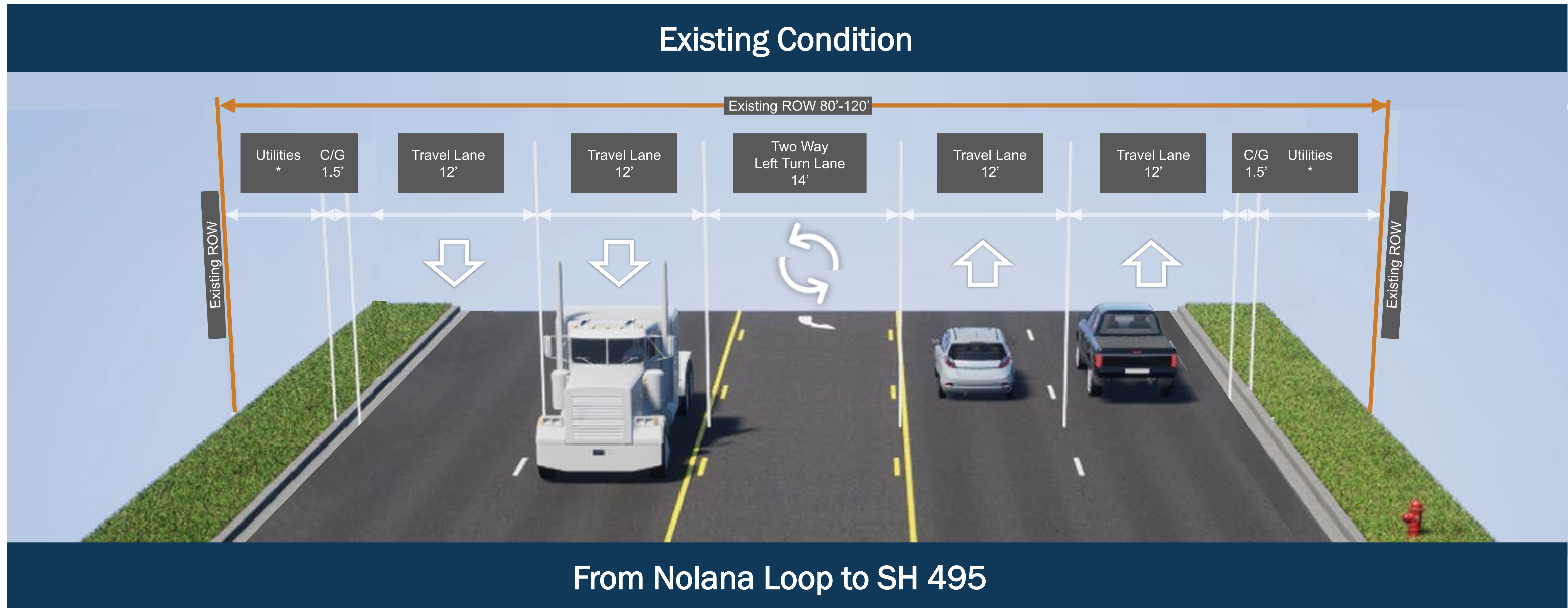
Congestion Level

- A - Not Congested
- B - Slightly Congested
- C - Somewhat Congested
- D - Congested
- E - Very Congested
- F - Severely Congested

Project Purpose

The purpose of the proposed FM 1426 (N. Raul Longoria Rd.) project is to improve safety, enhance mobility, and reduce congestion.

Existing Typical Section



**Width Varies Along the Corridor from Nolana Loop to SH 495*

- ROW: 80' to 120'
- Utilities: 3' to 8'

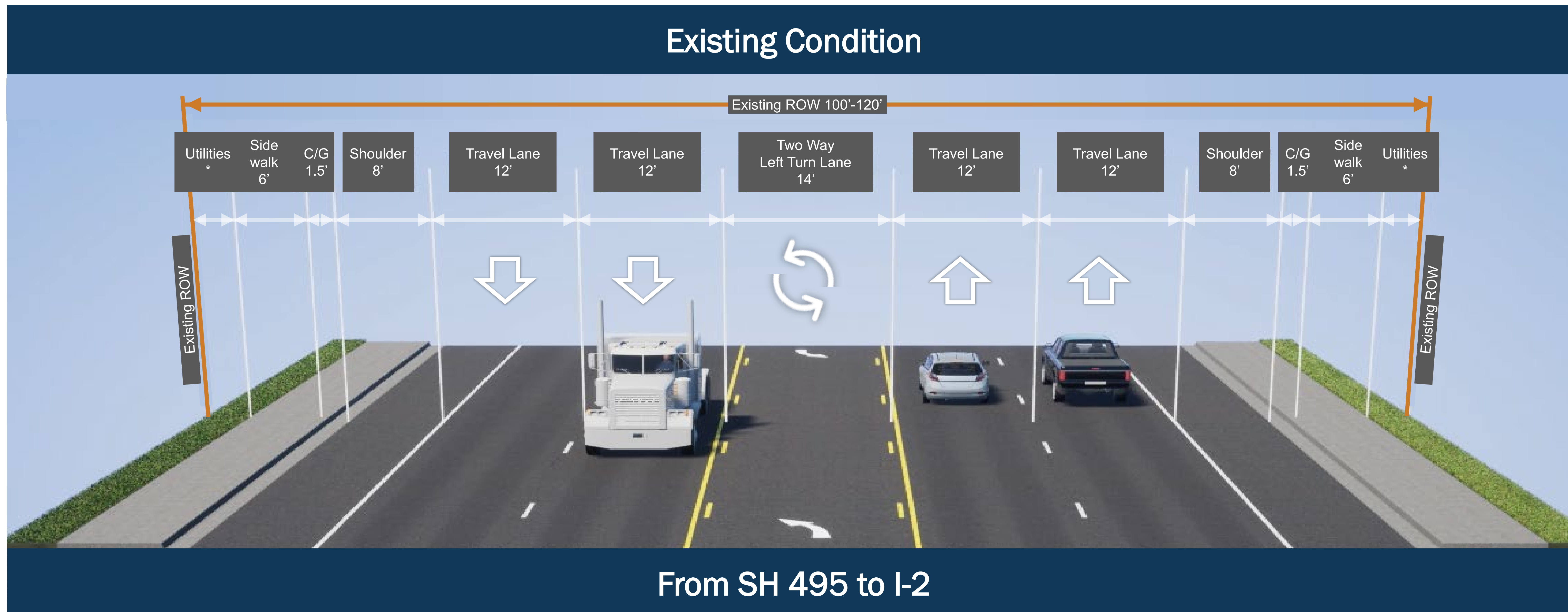
C/G- Curb and Gutter

Existing ROW

Dimensions



Existing Typical Section



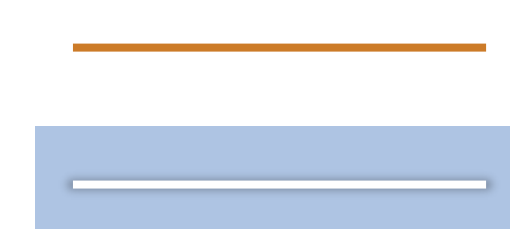
*Width Varies Along the Corridor for SH 495 to I-2

- ROW: 100' to 120'
- Utilities: 3' to 8'

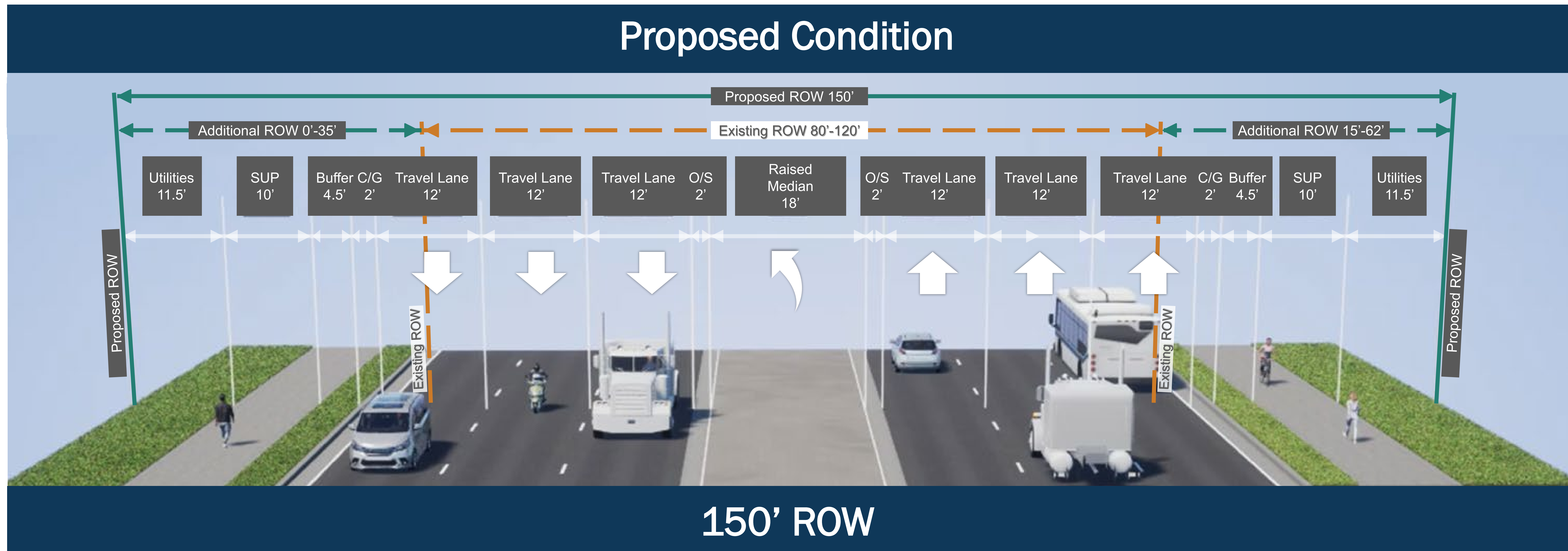
C/G – Curb and Gutter

Existing ROW

Dimensions



Proposed Typical Section



SUP - Shared Use Path

C/G - Curb and Gutter

O/S - Offset

Proposed ROW ———

Additional ROW - - - -

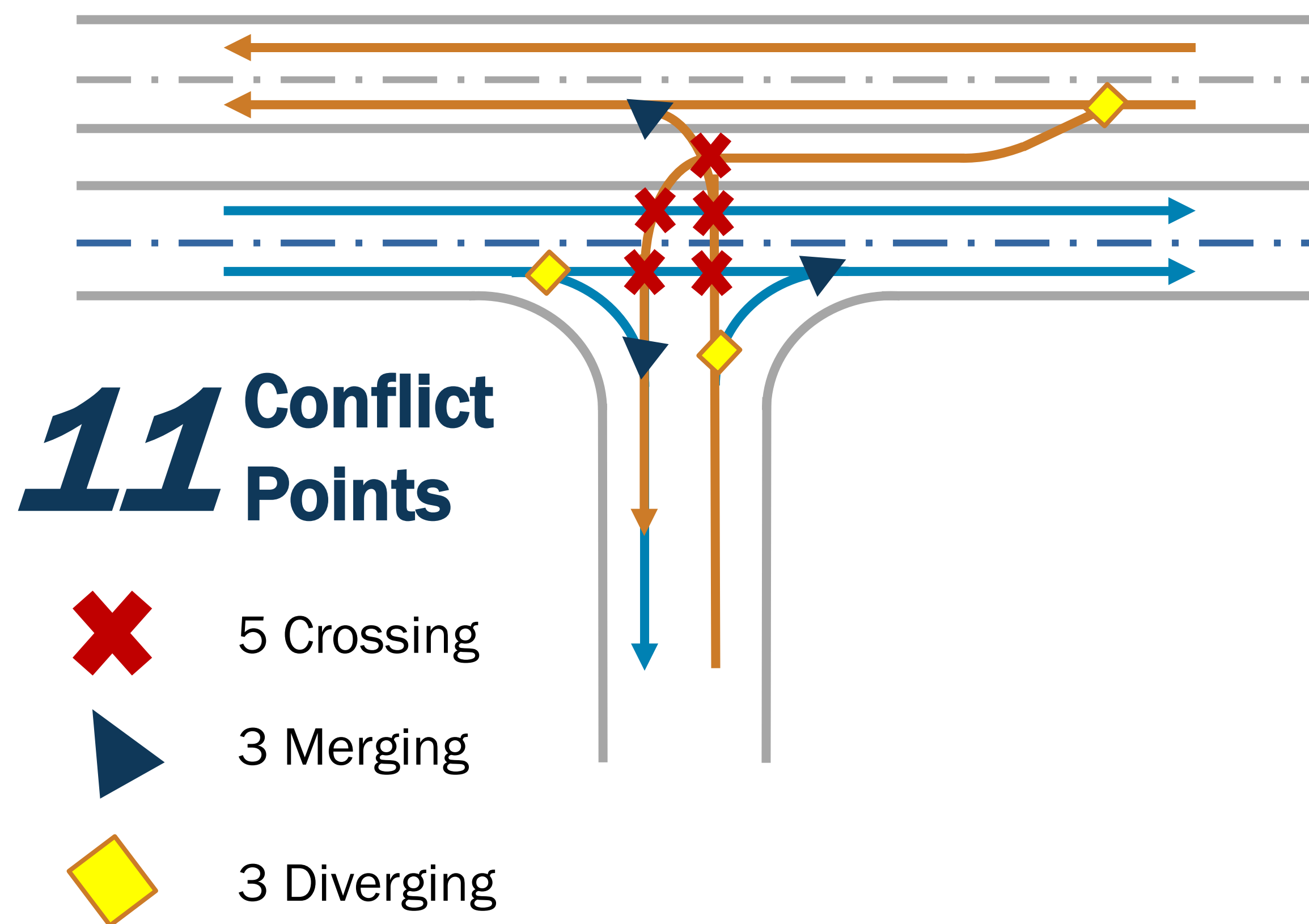
Existing ROW - - - -

Dimensions ———

How Do Raised Medians Improve Safety?

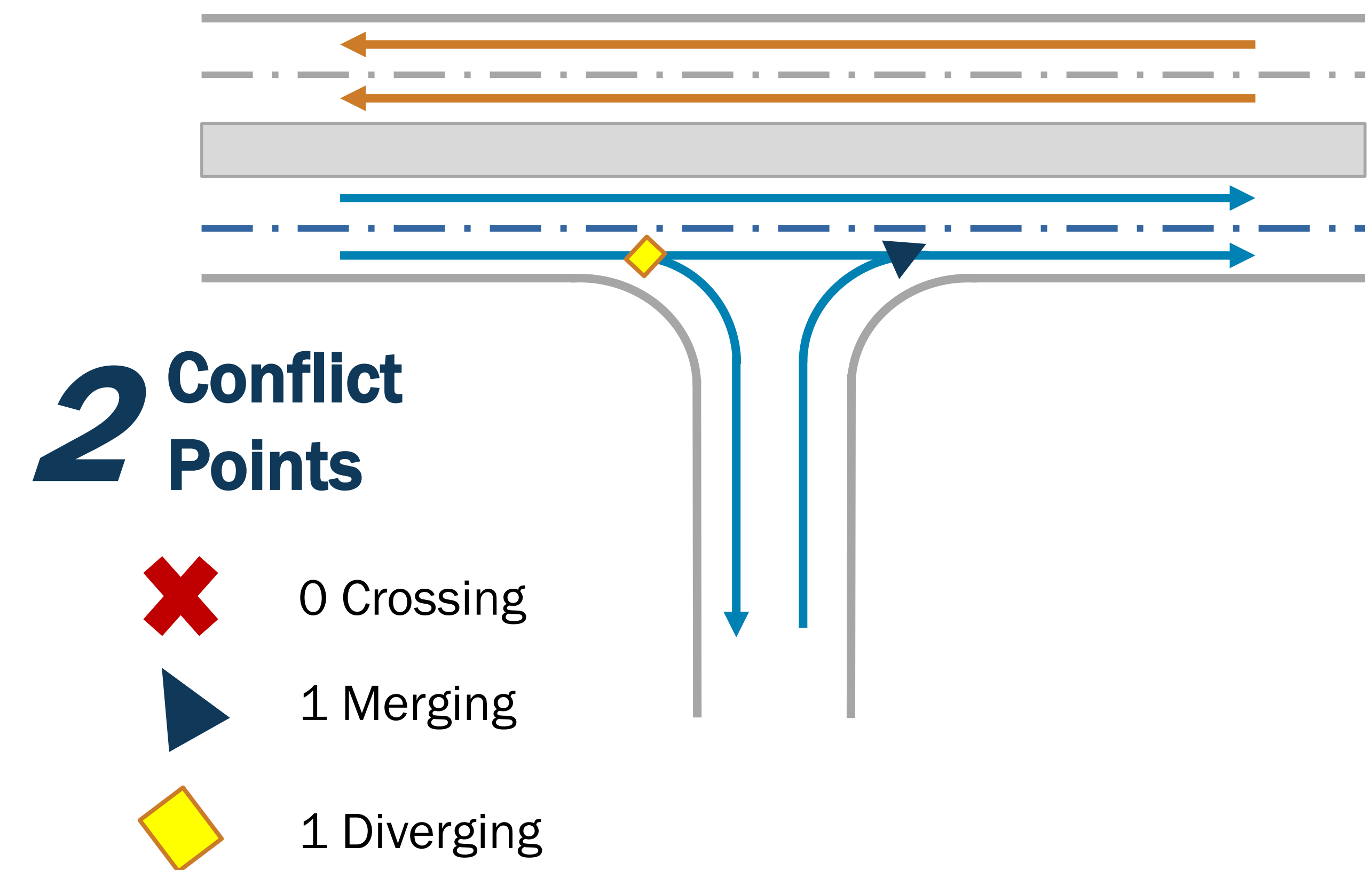
Raised medians help reduce the number of conflict points at an intersection

Two-way Left Turn Lane (TWTL)



VS.

Raised Median



Safety Improvements

Reduce Turning Conflicts

Reduce Crashes

Allow for Protected Left Turns

Three Types of Median Openings

What is a Median?

Medians are used on urban streets with four or more lanes where it is desirable to control or restrict mid-block left-turns and crossing

Primary functions of medians:

1. Provide storage for left-turning vehicles
2. Separation of opposing traffic
3. Access control to or from minor intersection

What benefits do raised medians provide?

1. Restricted left-turn and crossing maneuvers to specific locations
2. Traffic safety
3. Increasing throughput capacity
4. Reducing delays

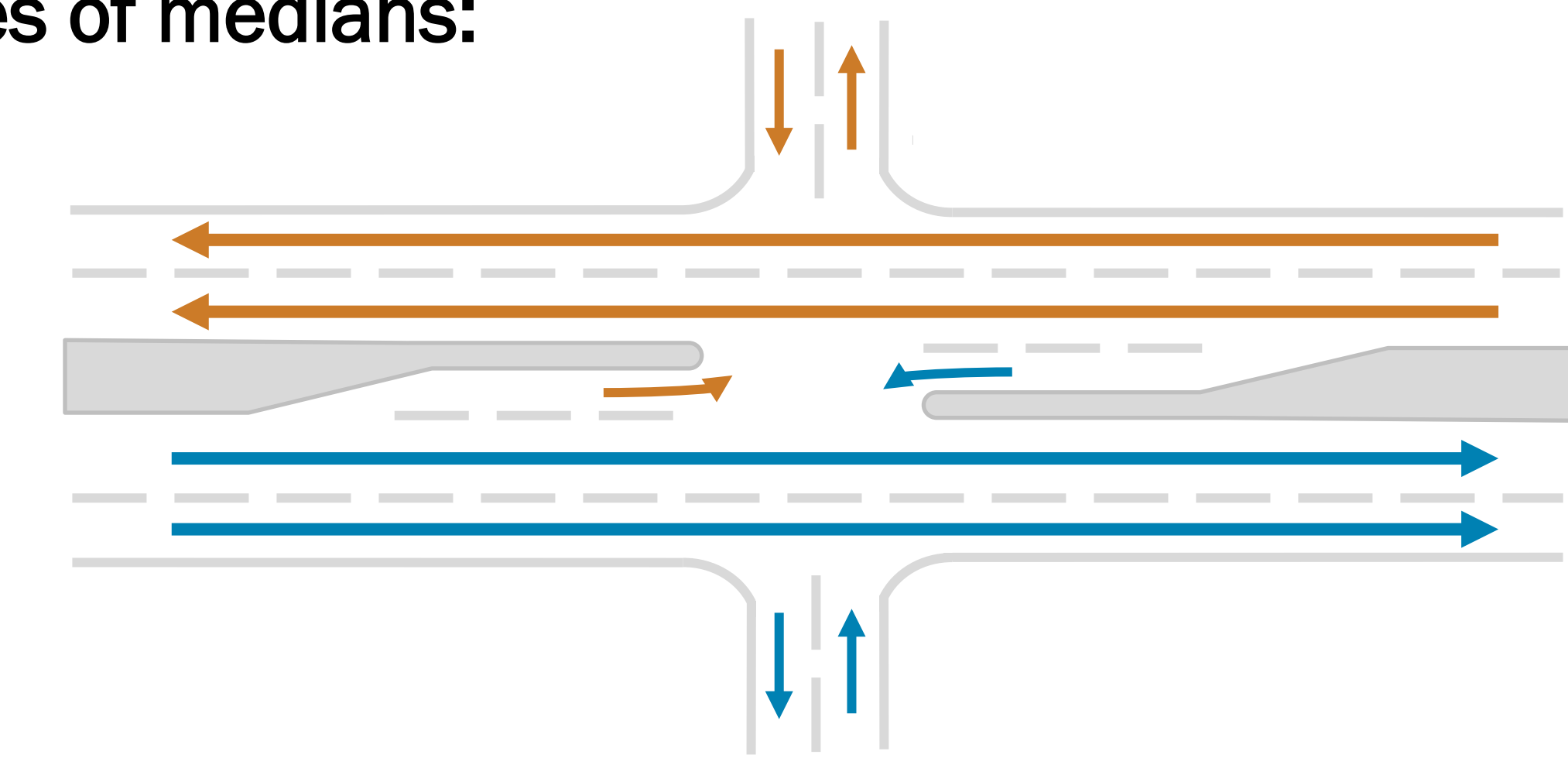
Where are the best locations to install medians?

1. Average Daily Traffic (ADT) 20,000 vehicles per days
2. Areas with new development and to exceed 20,000 vehicles per day
3. Areas with safety concerns

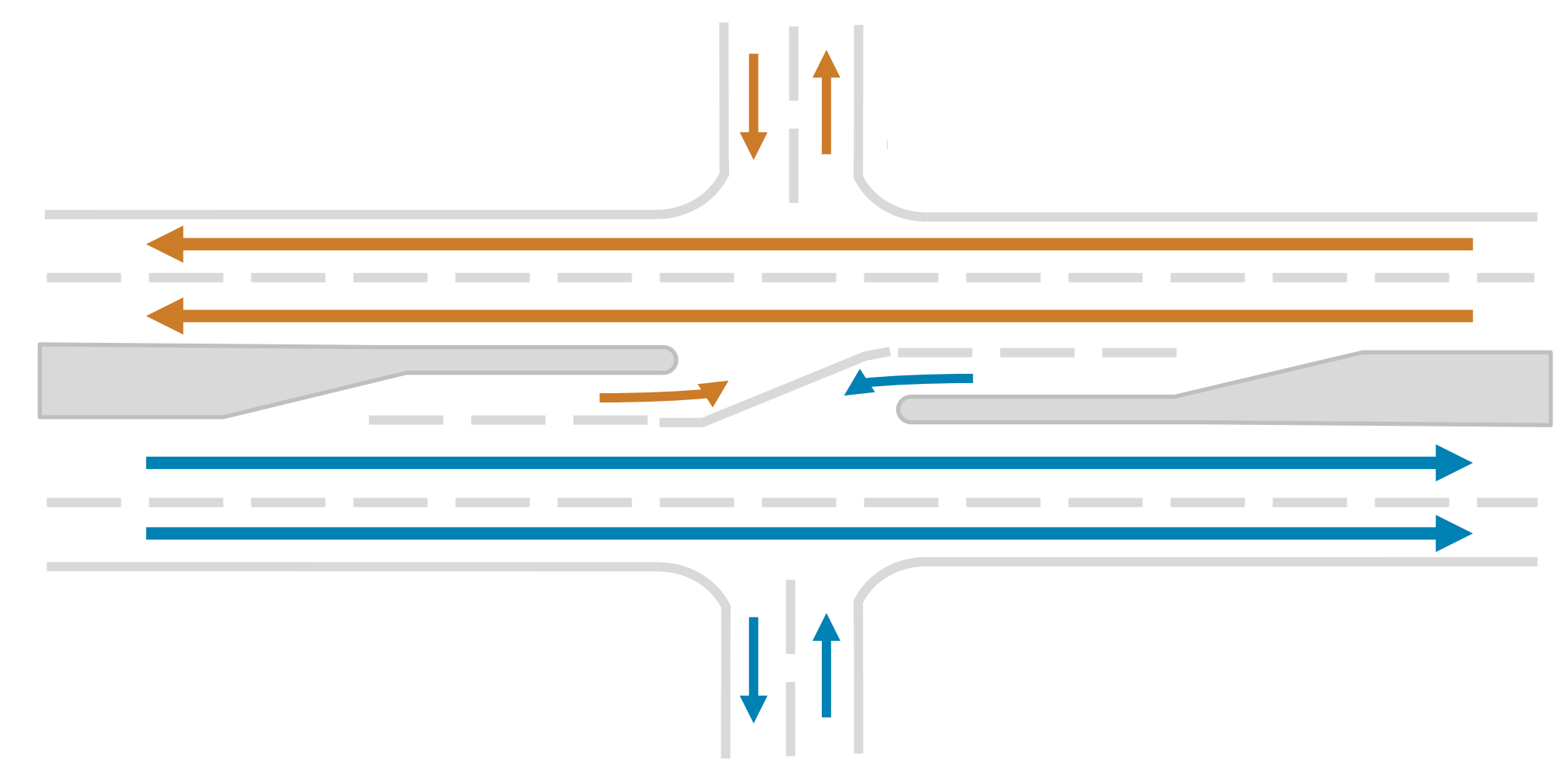
Where to have median openings?

Median openings should only be provided for street intersections or at intervals for major developed areas. Spacing must be adequate to allow for introduction of left-turns lanes. Openings are recommended based on traffic studies, projections, and future development conducted as part of the schematic development.

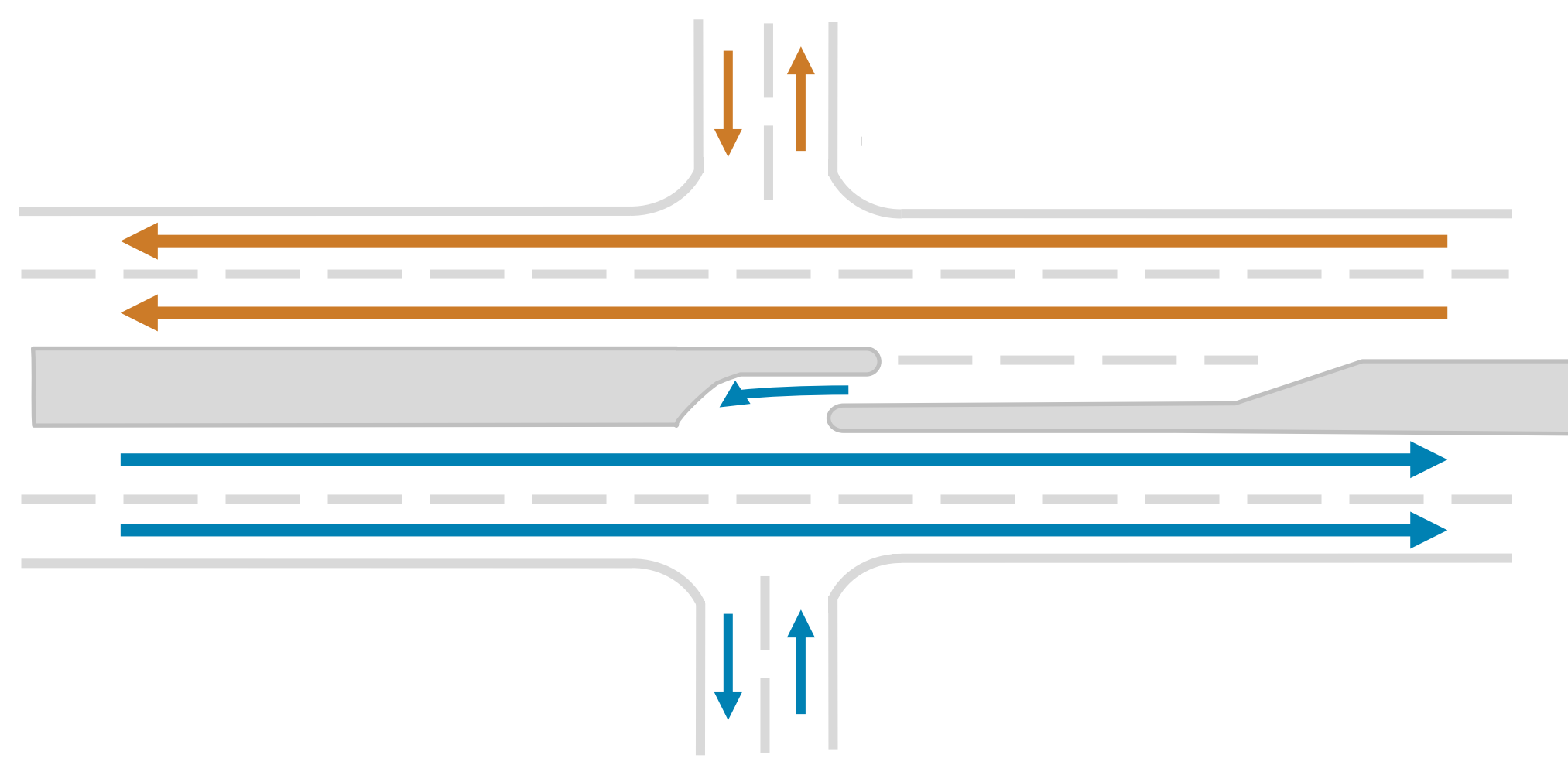
Three types of medians:



(a) Single Left-Turn Lane



(b) Left-Turn From Two Directions



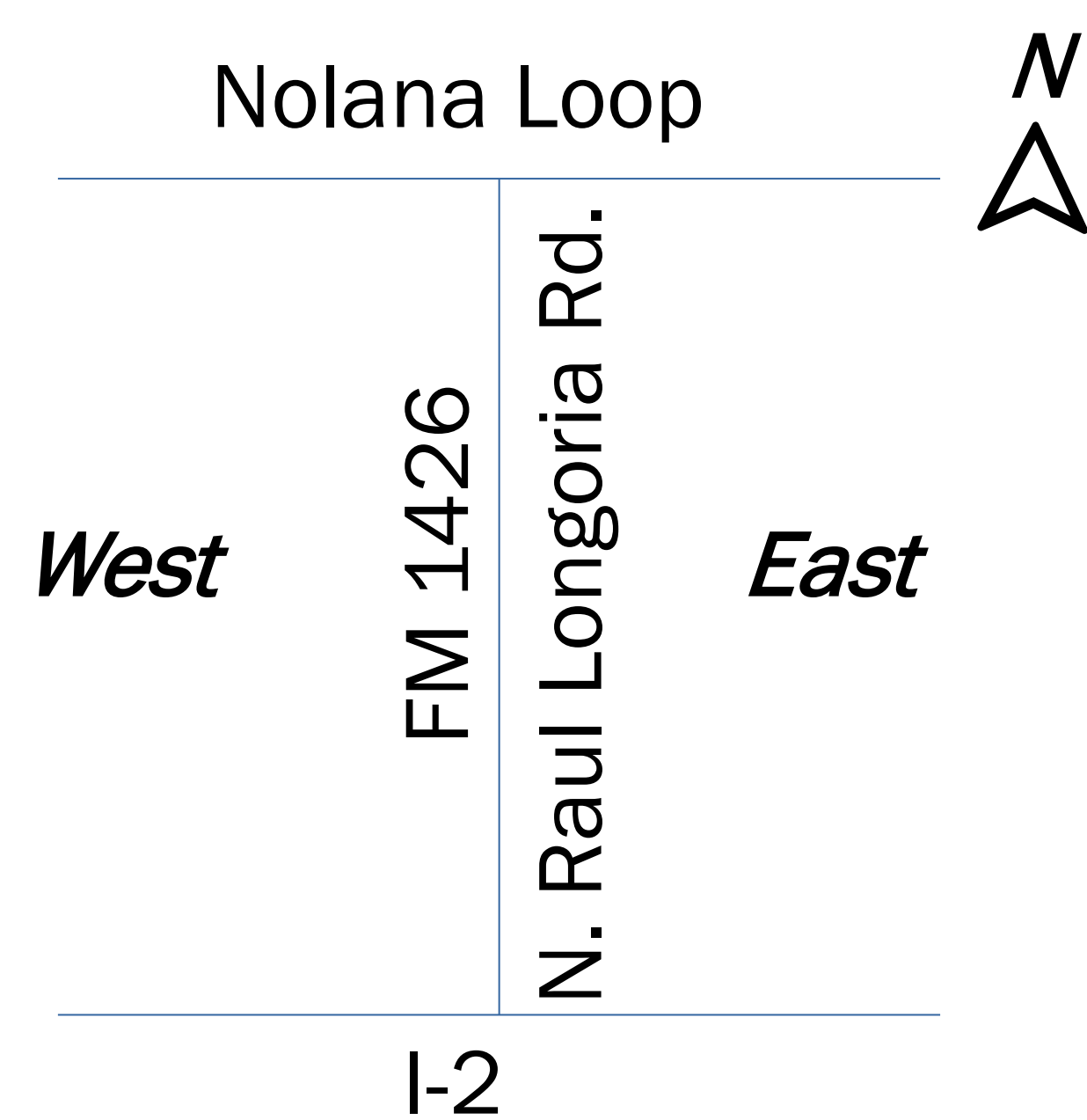
(c) Left-Turn From One Direction

Environmental Constraints Matrix



Alternative	Proposed ROW (ft)	Total Proposed ROW (Acres)	Total Number of Parcels Potentially Impacted	Total Number of Potential Displacements	Potential Residential Displacements	Potential Non-Residential Displacements	Breakdown of Potential Non-Residential Displacements			
							Commercial Businesses	Fire and Police Stations	Schools	
1	East	150	14.88	89	37	15	22	20	2	0
2	West	150	14.95	132	47	23	24	24	0	0
3	Center	150	15.37	172	41	22	19	17	2	0
4	Preferred	150	14.74	152	44	27	17	17	0	0

Alternative Descriptions



East Alternative – Redesigning the roadway to widen to the east side of the existing roadway.

West Alternative – Redesigning the roadway to widen to the west side of the existing roadway.

Center Alternative – Redesigning the roadway to widen equally to the east and west side of the existing roadway.

Preferred Alternative – Redesigning the roadway to widen based on the best fit of the east, west, and center alternatives to minimize impacts and the need for environmental mitigation.

FM 1426 Next Steps



How to Submit Your Comments



Comments are welcomed and must be received on or before **Wednesday, May 1, 2024, to be included in the official public meeting documentation.**

Comments may be submitted in the following ways:

Comment Form

Download and complete the printable comment form on the website and send to TxDOT.

Email

Email to:
Jorge.Espinoza@txdot.gov
and include CSJ-1429-02-036 in the subject line.

Mail

TxDOT Pharr District Office
Attn: Jorge Espinoza
600 W. Interstate 2
Pharr, TX 78577

Online Comment Form

Scan the QR Code to the right:



In-Person

Submit your comment form in the comment box at the in-person public meeting

Project Information and Contacts



- To access the public meeting page, scan the QR code on the right.
- For project specific information contact the TxDOT Project Manager anytime during project development

Isaac Garza

Phone: (956) 702-6248

Email: Isaac.Garza@txdot.gov

