



TEXAS DEPARTMENT OF TRANSPORTATION

# WELCOME!

## FARM-TO-MARKET 1488 (FM 1488) ACCESS MANAGEMENT STUDY FROM INTERSTATE 45 (I-45) TO FM 149

### Why Am I Here?

- **Share** your knowledge of the corridor with us
- **Learn** about conditions and characteristics
- **Ask** questions about improvement efforts

Mitchell Intermediate School  
6800 Alden Bridge Drive, The Woodlands, TX 77382



# Interactive Vicinity Map

## General Facts

**14-mile** corridor in Montgomery County that passes through portions of the City of Magnolia, City of Conroe and Woodlands Township

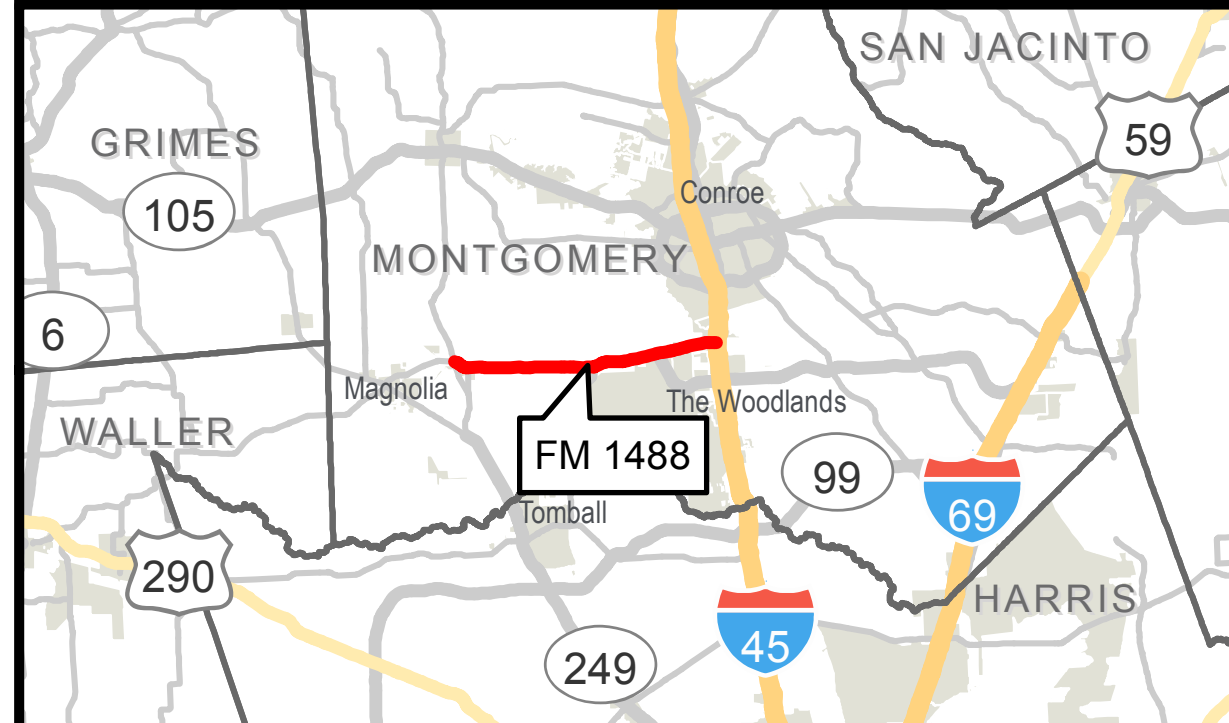
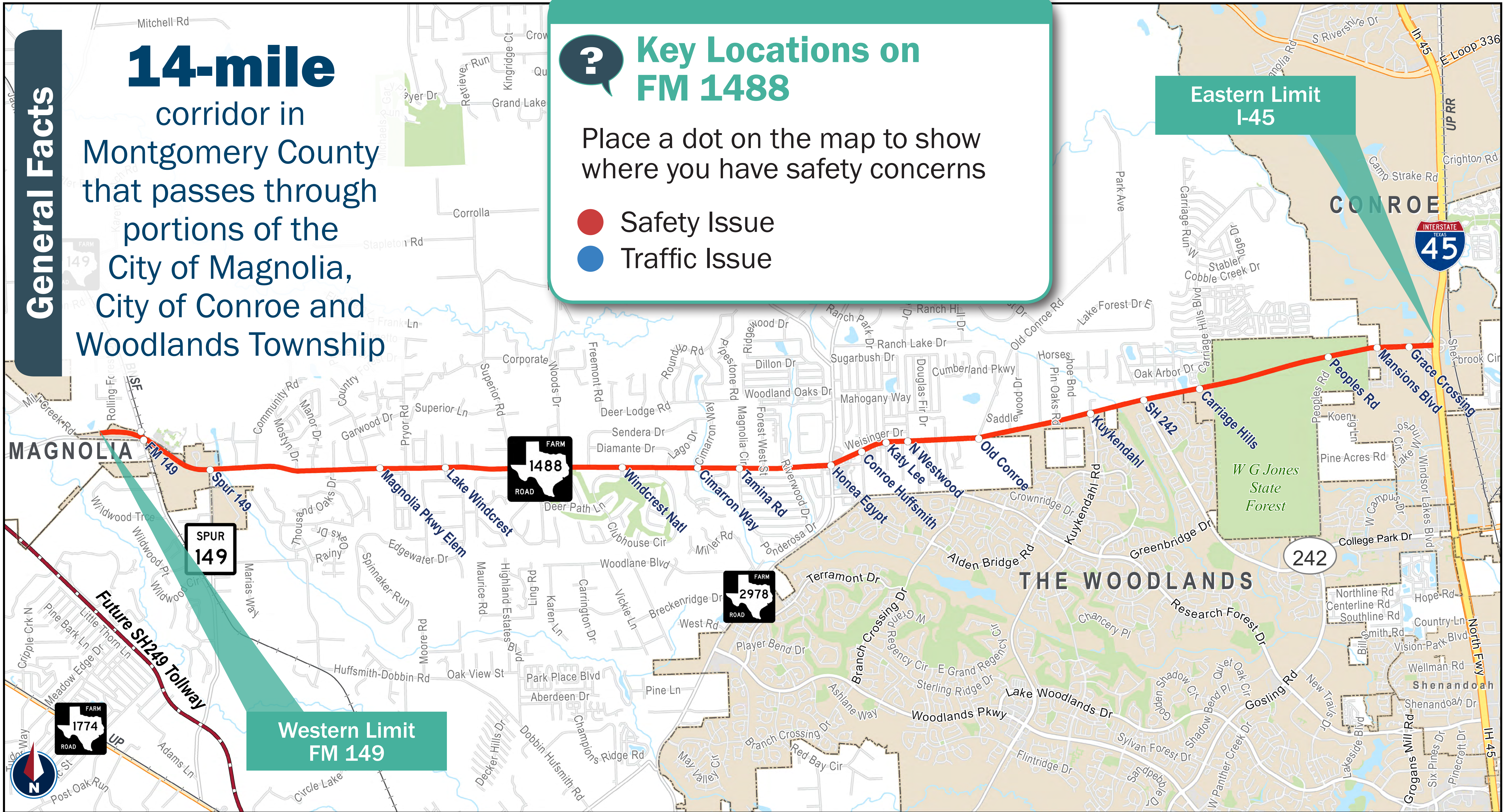
## Key Locations on FM 1488

Place a dot on the map to show where you have safety concerns

- Safety Issue
- Traffic Issue

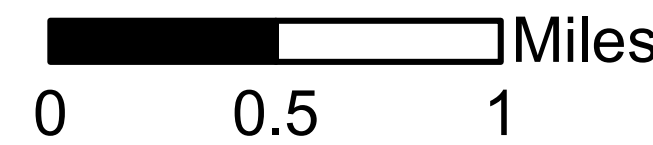
Eastern Limit  
I-45

Western Limit  
FM 149



### Legend

- |   |   |   |
|---|---|---|
| <span style="color: red;">—</span> FM 1488 Corridor   | <span style="color: orange;">—</span> Highways  | <span style="background-color: #90EE90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Park  |
| <span style="color: red; border-bottom: 1px dashed red;">—</span> Future SH249 Tollway  | <span style="color: orange; border-bottom: 1px solid orange;">—</span> Major Arterial                   | <span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Water |
| <span style="border-bottom: 1px solid black; width: 15px; display: inline-block;"></span> Railroads                                 | <span style="border-bottom: 1px solid gray; width: 15px; display: inline-block;"></span> Minor Arterial | <span style="background-color: #D2B48C; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> City  |
| <span style="border: 1px solid black; border-radius: 50%; width: 10px; height: 10px; display: inline-block;"></span> Traffic Signal | <span style="border-bottom: 1px solid gray; width: 15px; display: inline-block;"></span> Local Road     |   |





## STUDY PURPOSE AND GOALS



### What Problems Are We Trying to Address?

- Traffic congestion at intersections
- Higher than average crash rates
- Missing connections between travel modes



### What Are We Trying to Do?

- Reduce crashes
- Improve progression/mobility
- Enhance multimodal connectivity
- Support current and future demand
- Support economic growth



## General Facts

**Connects**

I-45 to future  
SH 249

**4 lanes**

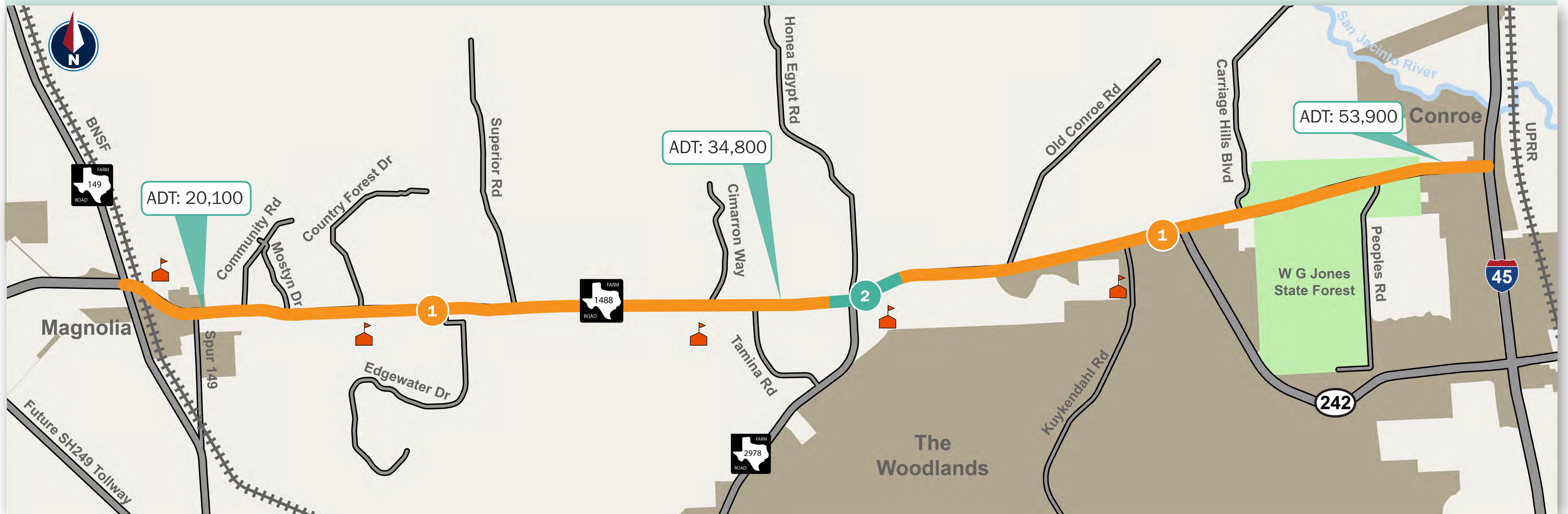
with center  
turn lane

**4% - 8%**  
trucks

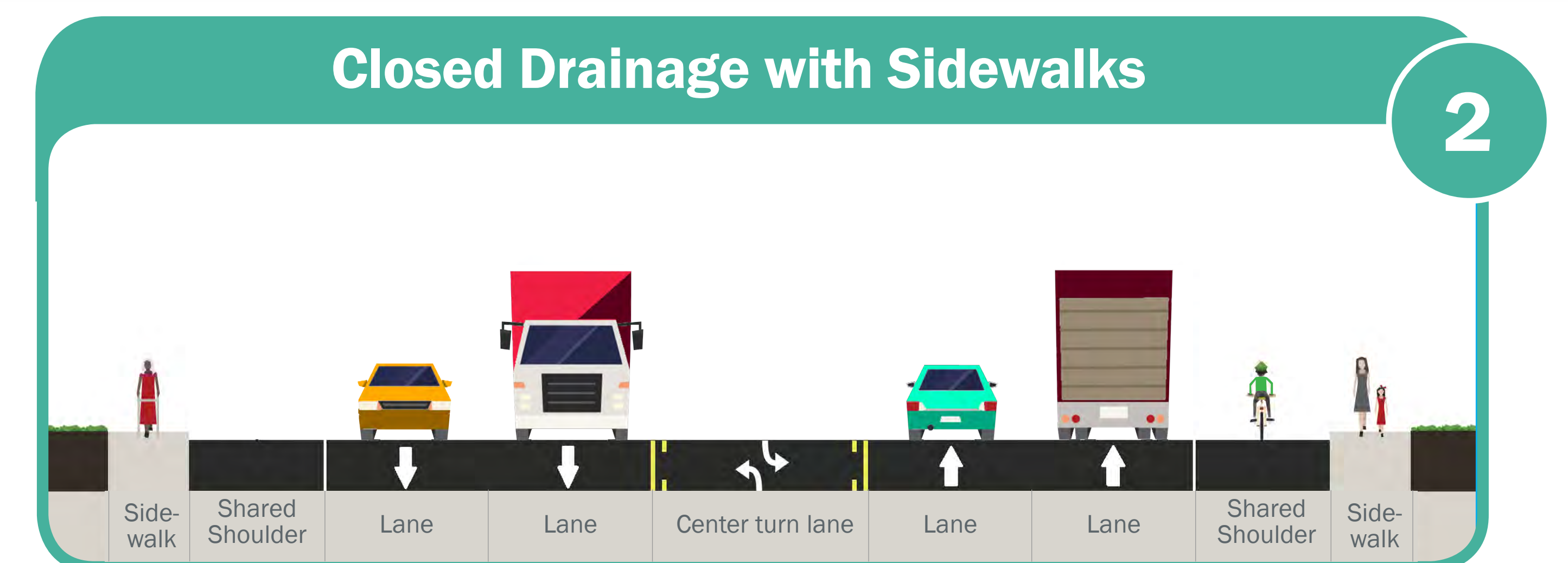
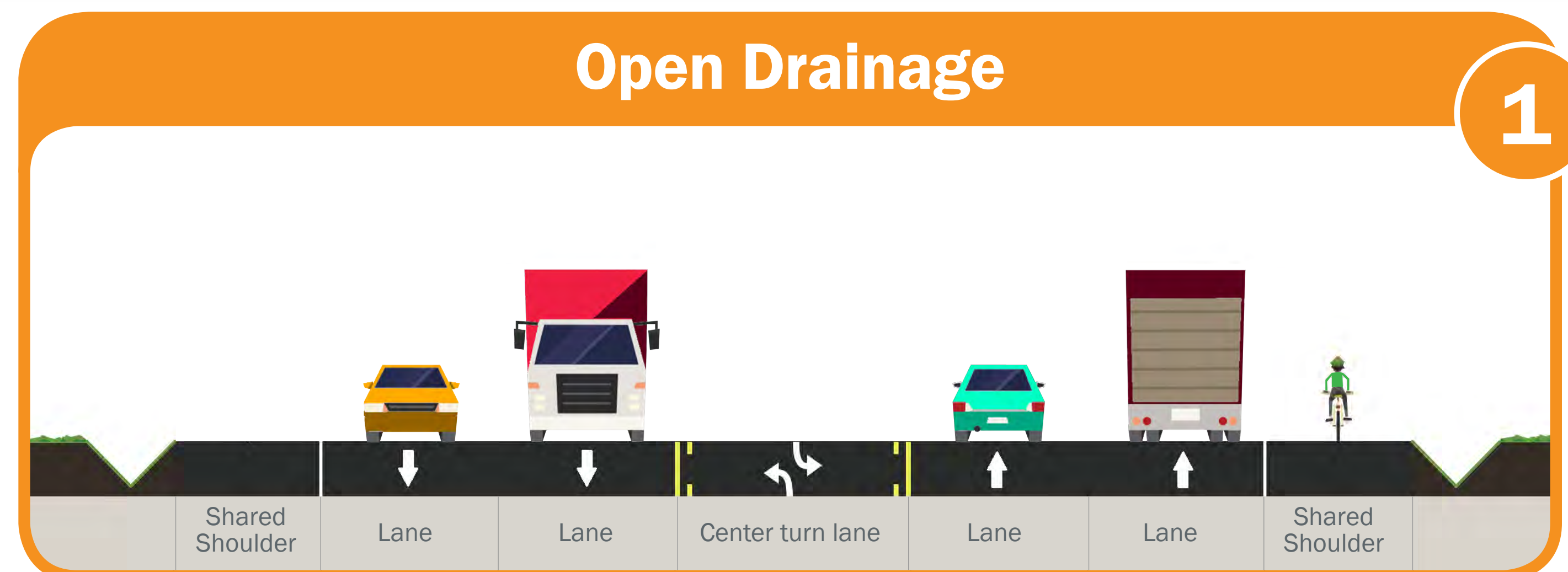
**120 -  
175 ft**  
typical right-of-way

**45 - 50 mph**

posted speed limit  
with two school zones



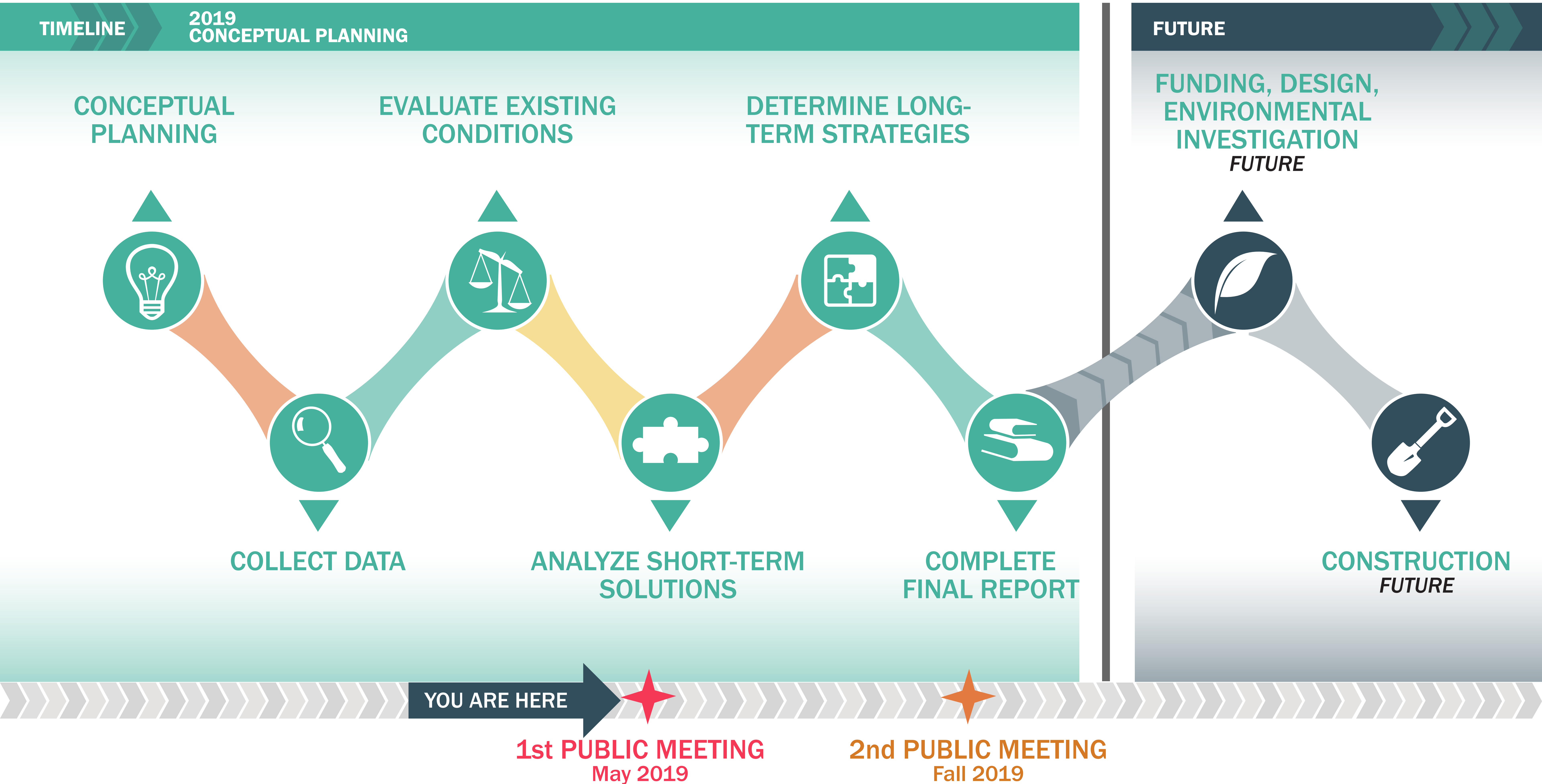
## Existing Typical Sections





## OVERALL STUDY PROCESS

- **Conceptual Planning** is the first step in developing, designing, funding, and constructing future transportation projects.
- The process includes numerous opportunities to get involved.





# Existing Conditions - Land Use

48%



**RESIDENTIAL**

21%



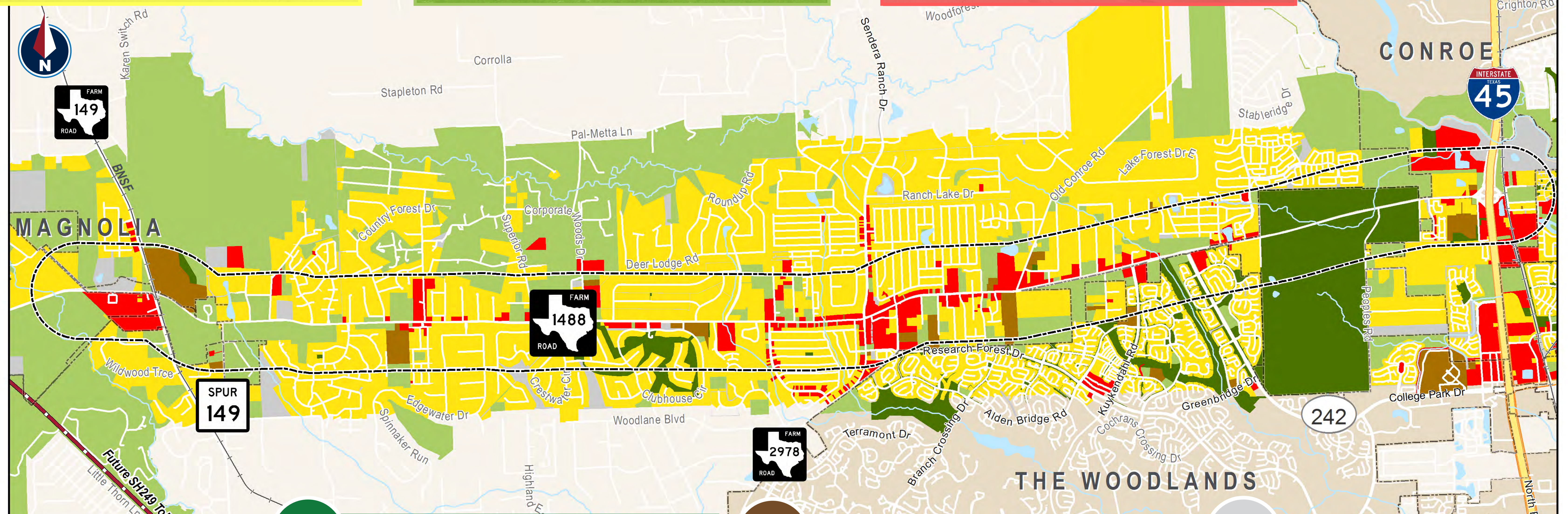
**VACANT/DEVELOPABLE**

11%



**COMMERCIAL/INDUSTRIAL**

**RESIDENTIAL AND COMMERCIAL DEVELOPMENT IS GROWING**



12%



**PARKS/OPEN SPACES**

5%



**INSTITUTIONAL**

3%



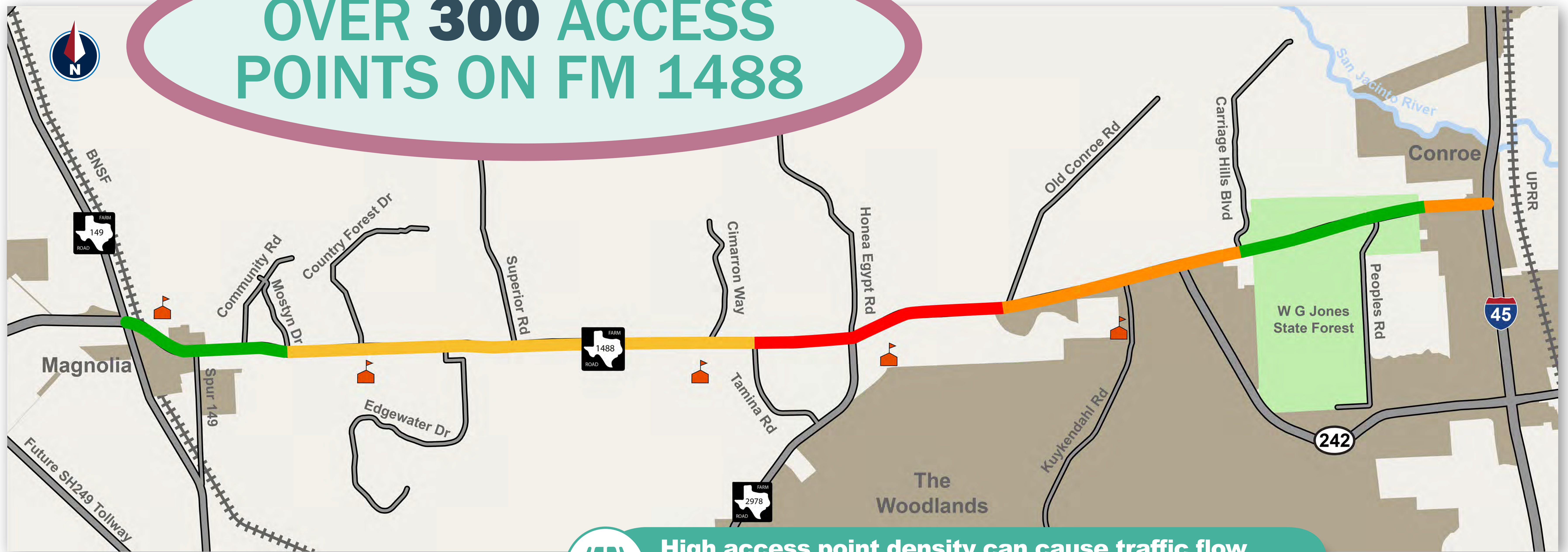
**OTHER**

**UNDERSTANDING LAND USE IS CRITICAL TO MANAGING ACCESS**



# Existing Conditions - Access Point Density

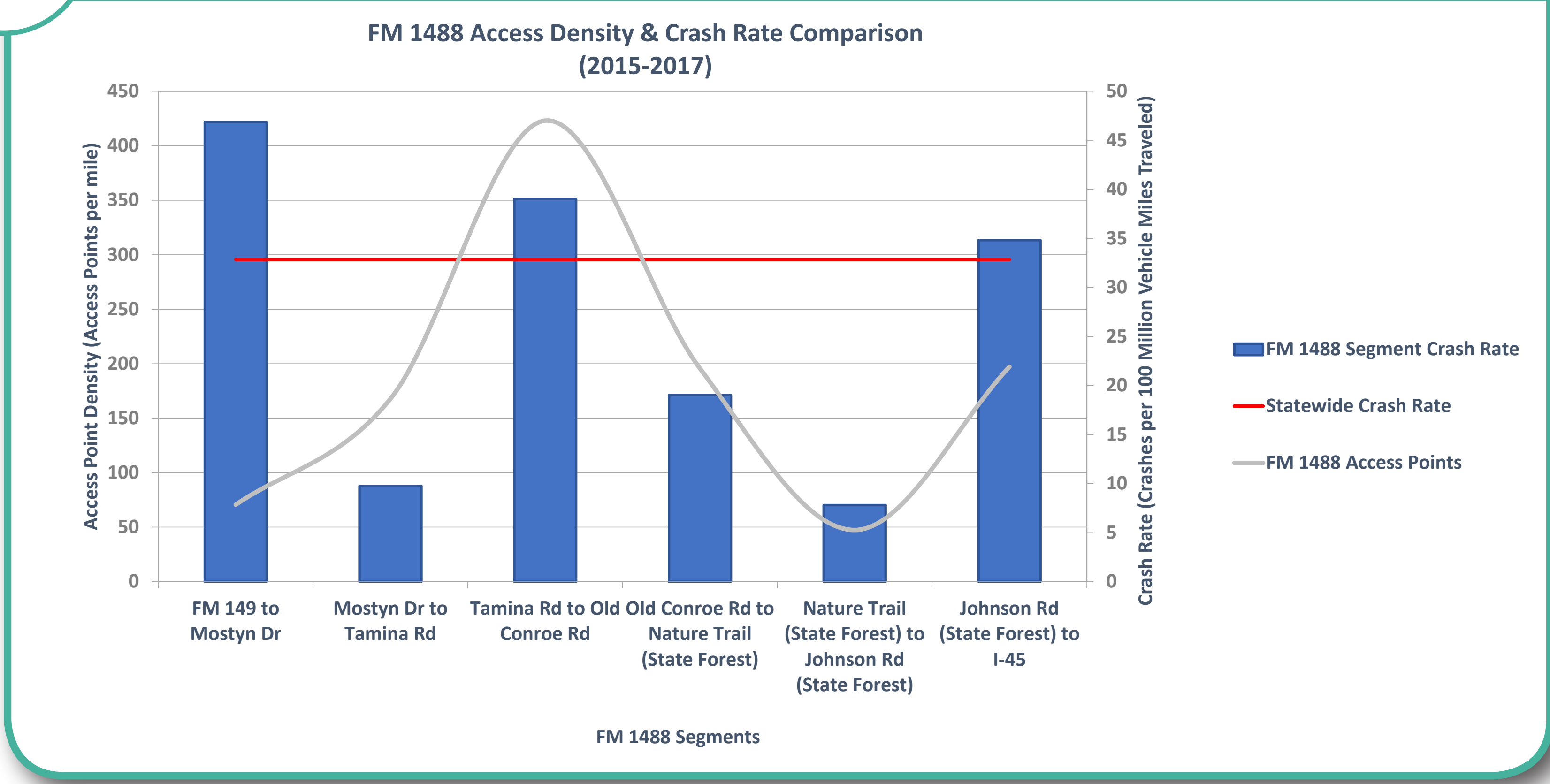
**OVER 300 ACCESS POINTS ON FM 1488**



High access point density can cause traffic flow and safety issues

**Legend**

- <10 Access Points per mile
- 10-20 Access Points per mile
- 20-30 Access Points per mile
- >30 Access Points per mile
- School

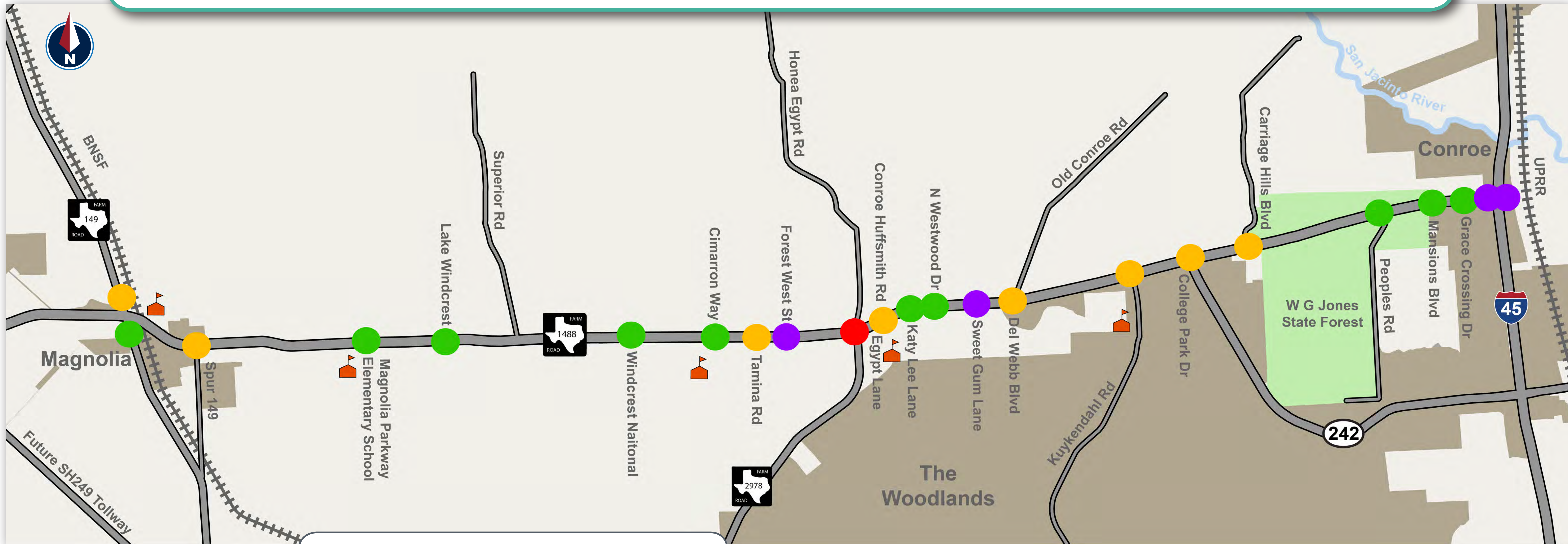




# Existing Conditions - Traffic Operations



48% (or 9 of 19) of the signalized intersections in the corridor experience heavy or moderate congestion.



**Legend**

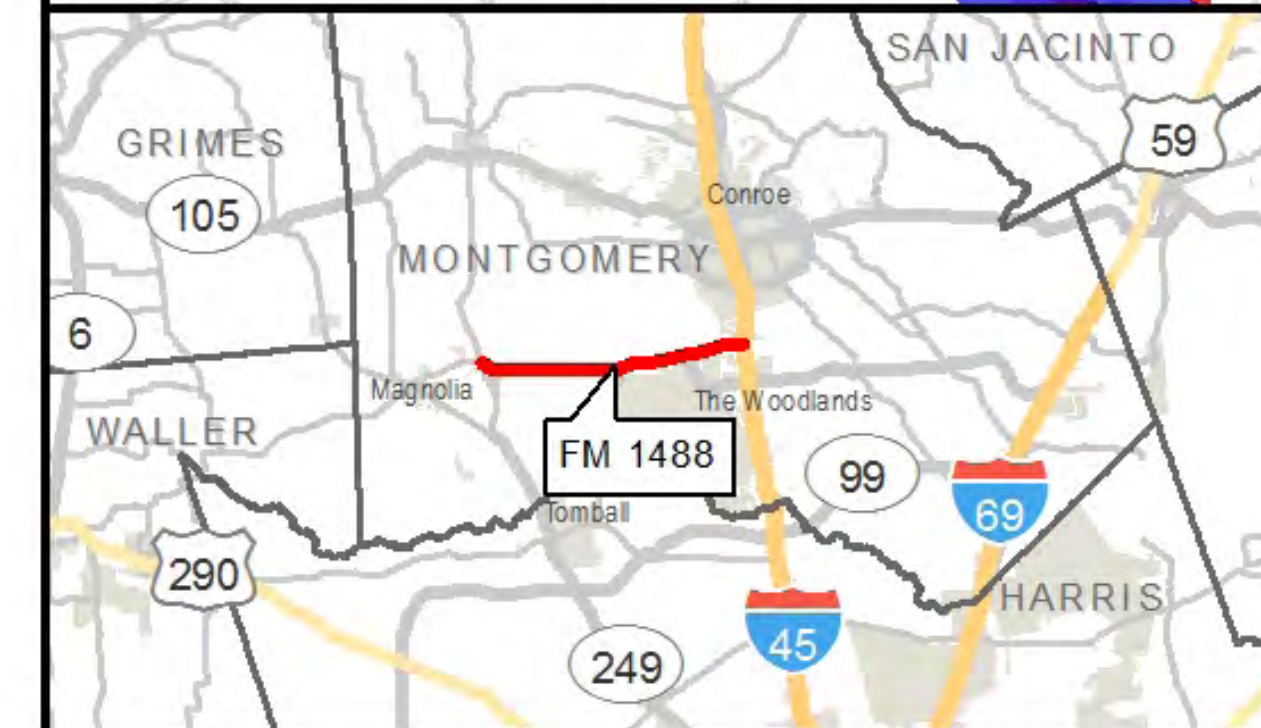
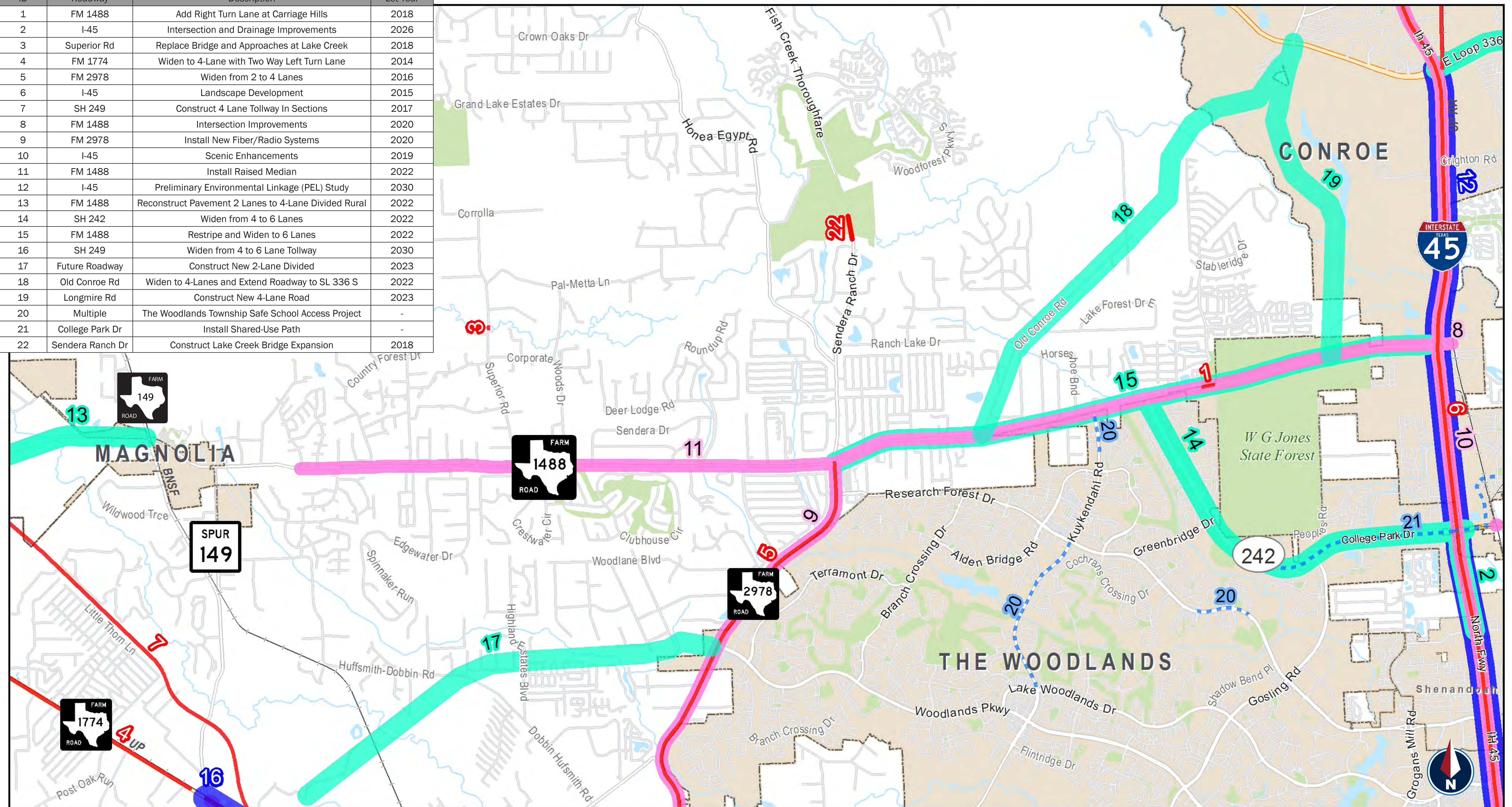
- Intersections with heavy congestion
- Intersections with moderate congestion
- Intersections with light congestion
- Proposed traffic signal
- School





# Regional Planned Projects

ID	Roadway	Description	Let Year
1	FM 1488	Add Right Turn Lane at Carriage Hills	2018
2	I-45	Intersection and Drainage Improvements	2026
3	Superior Rd	Replace Bridge and Approaches at Lake Creek	2018
4	FM 1774	Widen to 4-Lane with Two Way Left Turn Lane	2014
5	FM 2978	Widen from 2 to 4 Lanes	2016
6	I-45	Landscape Development	2015
7	SH 249	Construct 4 Lane Tollway In Sections	2017
8	FM 1488	Intersection Improvements	2020
9	FM 2978	Install New Fiber/Radio Systems	2020
10	I-45	Scenic Enhancements	2019
11	FM 1488	Install Raised Median	2022
12	I-45	Preliminary Environmental Linkage (PEL) Study	2030
13	FM 1488	Reconstruct Pavement 2 Lanes to 4-Lane Divided Rural	2022
14	SH 242	Widen from 4 to 6 Lanes	2022
15	FM 1488	Restripe and Widen to 6 Lanes	2022
16	SH 249	Widen from 4 to 6 Lane Tollway	2030
17	Future Roadway	Construct New 2-Lane Divided	2023
18	Old Conroe Rd	Widen to 4-Lanes and Extend Roadway to SL 336 S	2022
19	Longmire Rd	Construct New 4-Lane Road	2023
20	Multiple	The Woodlands Township Safe School Access Project	-
21	College Park Dr	Install Shared-Use Path	-
22	Sendera Ranch Dr	Construct Lake Creek Bridge Expansion	2018



**Legend**

- Highways (Yellow line)
- Major Arterial (Orange line)
- Minor Arterial (Light Orange line)
- Local Road (Grey line)
- Railroads (Black line with cross-ticks)
- Park (Green shaded area)
- Water (Blue shaded area)
- City (Brown shaded area)
- Unconstrained (Dashed blue line)
- Construction Scheduled (Orange line with cross-ticks)
- Finalizing for Construction (Pink line)
- Under Development (Green line)
- Long Term Planning (Blue line)

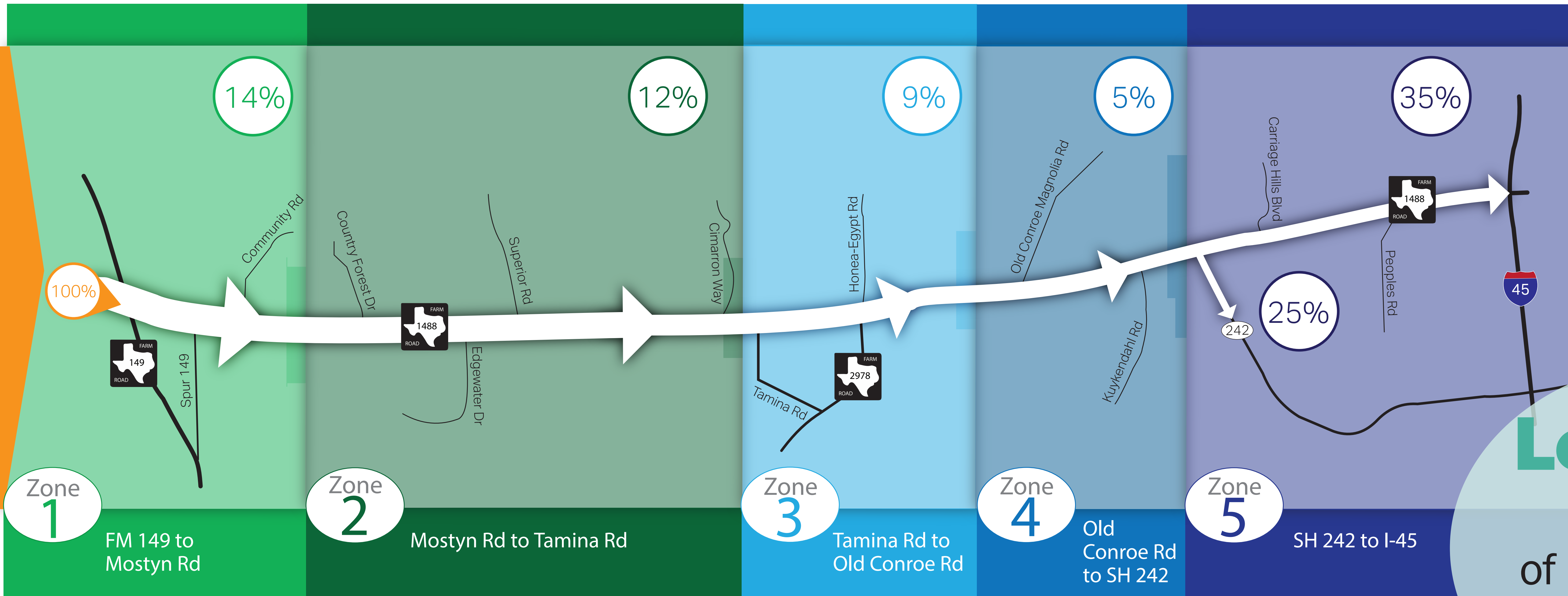
0 0.5 1 Miles

Source: TxDOT, H-GAC



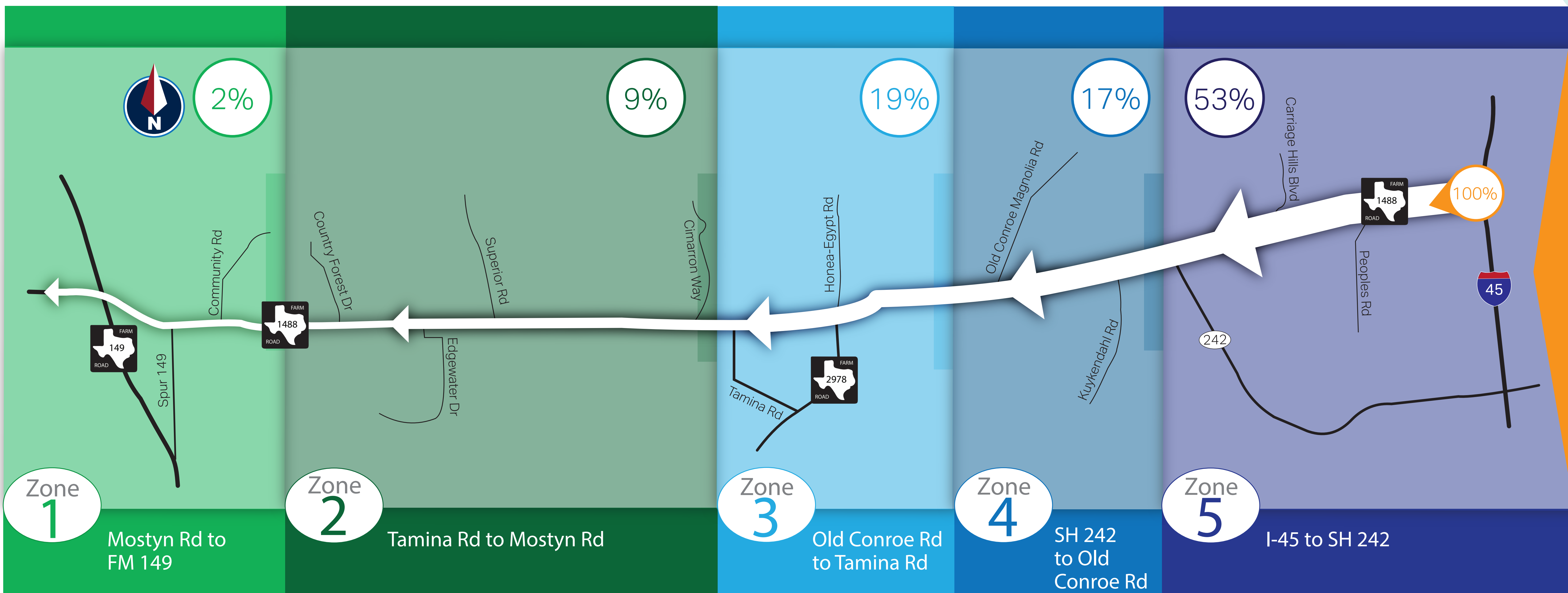
# Existing Conditions - Corridor Travel Patterns

AM Eastbound traffic on FM 1488 leaving Magnolia goes to...



AM Eastbound Travel Time  
**26 minutes**

**Less than 25%** of FM 1488 traffic bypasses the I-45 interchange using SH 242



PM Westbound traffic on FM 1488 leaving I-45 goes to...

PM Westbound Travel Time  
**28 minutes**



# Existing Conditions - Safety

On FM 1488 from 2015 - 2017 there have been...

**1,078**  
Total Crashes



**281**  
Injury Crashes



**7**  
Crashes  
Involve a  
Bicycle



**6**  
Crashes  
Involve a  
Pedestrian

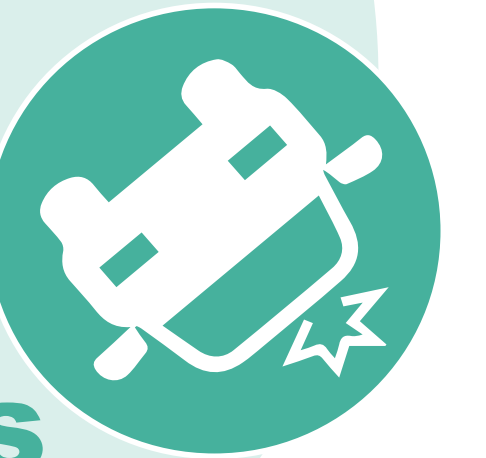
**8**  
Fatal Crashes



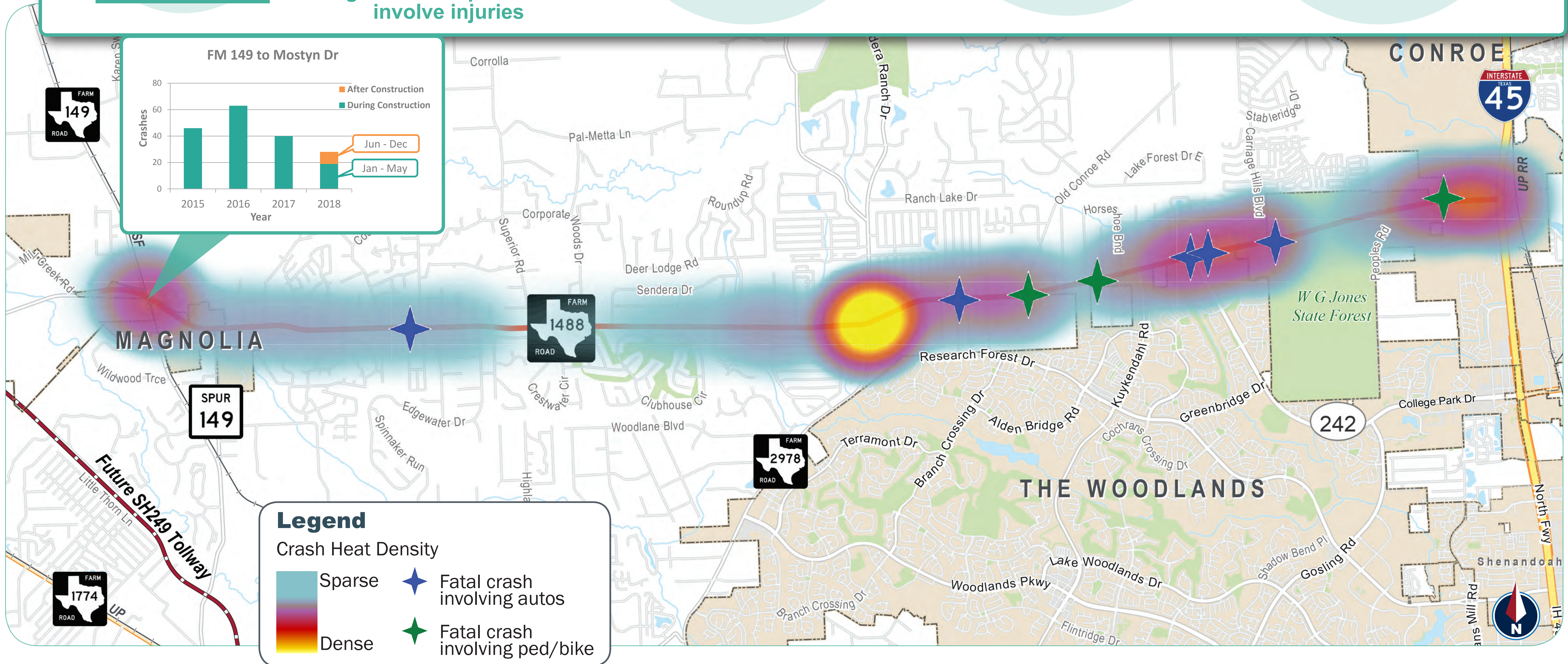
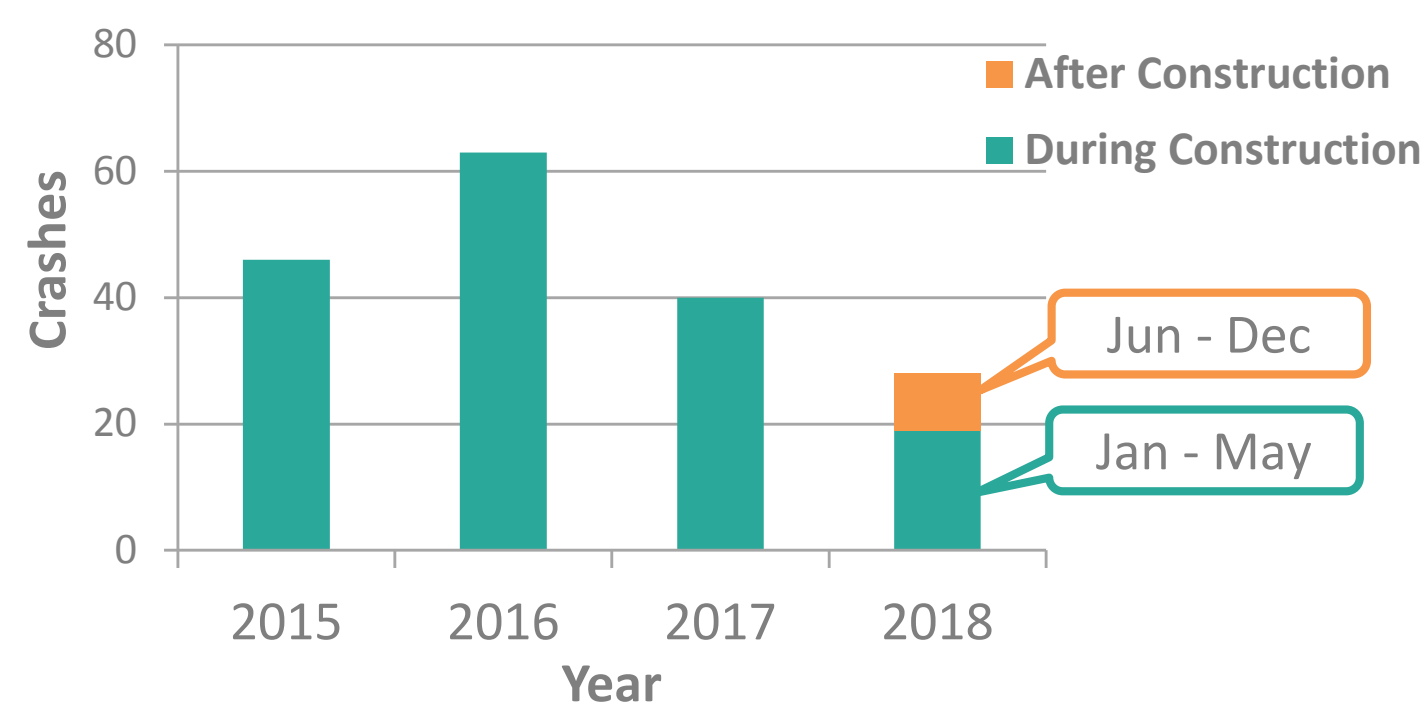
**5 + 3**  
Involve Autos    Involve Peds/Bikes

**2**  
Involve Wrong  
Way Driving

**Speeding**  
contributed to  
about  
**20%**  
of crashes

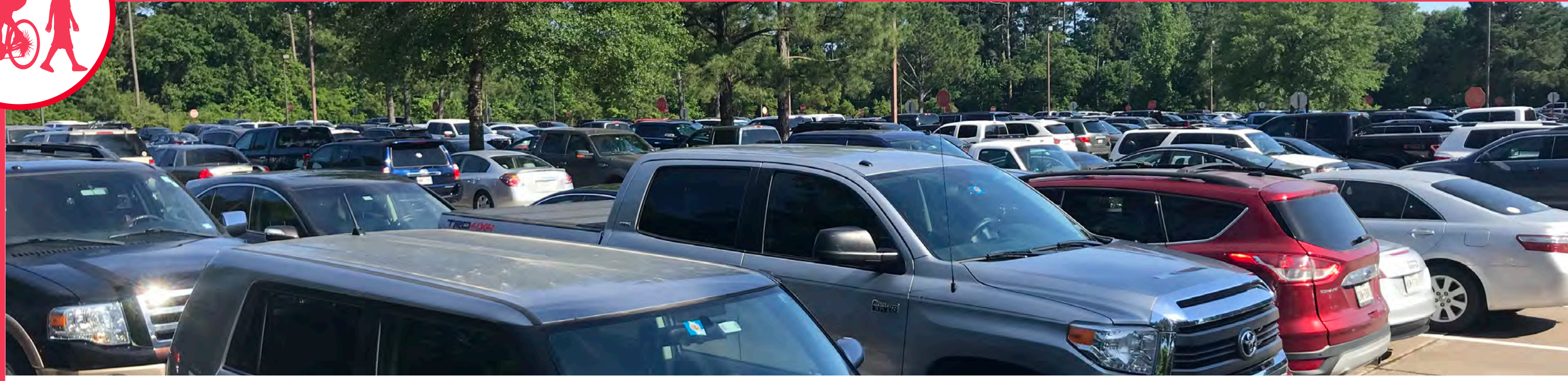


FM 149 to Mostyn Dr





# Multi-modal Facilities



- Limited transit service along corridor
- Three Park-n-Ride facilities in area
- Limited multi-modal connectivity



**Legend**

- Existing Park-n-Ride Lot
- Existing Bike or Pedestrian Facility
- Proposed Bike or Pedestrian Facility
- School



**Access Management** is the systematic control of the number, spacing, and operations of intersections and driveways to preserve safety and efficiency on a roadway.



Reduce the number and severity of crashes



Increase economic activity



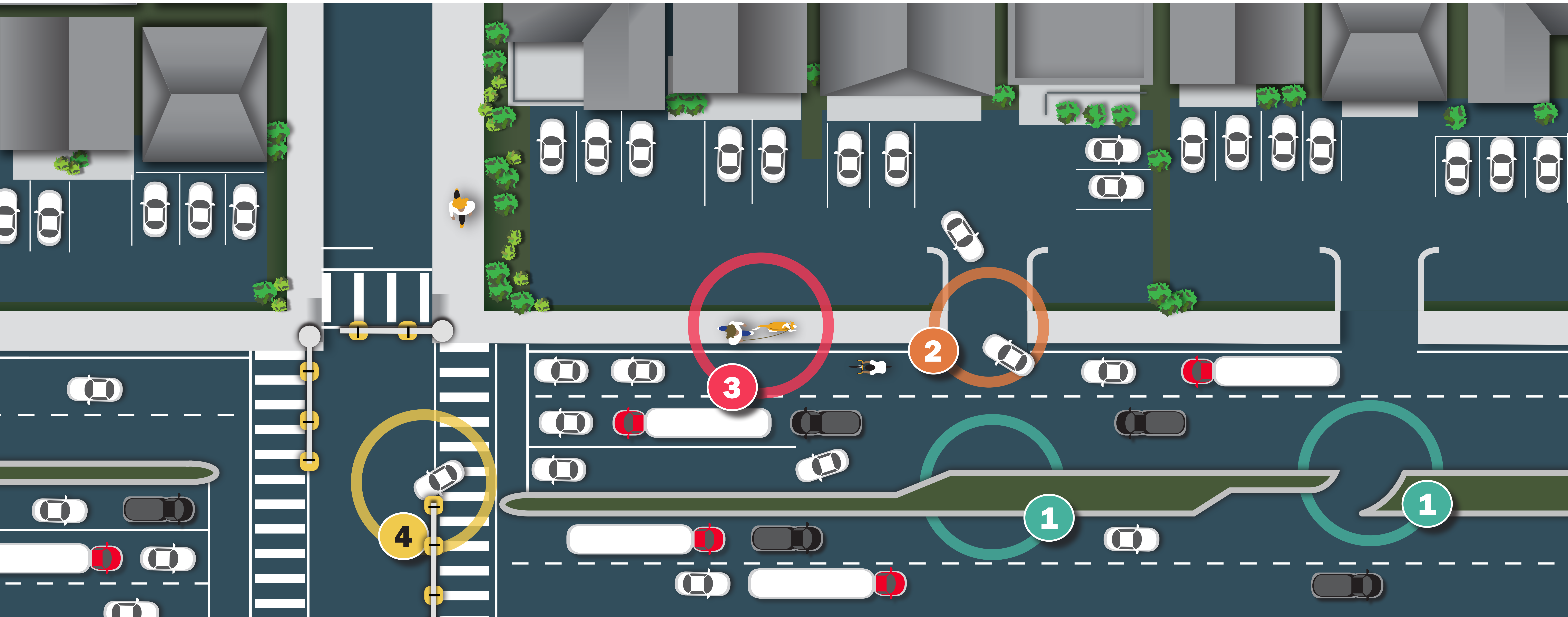
Reduce congestion and travel delays



Improve walking, bicycling, and access to transit



# Access Management Toolbox - Examples



## 1 Median Design

- Median Type
- Median Treatment
- Median Openings

## 2 Driveway Design

- Driveway Width
- Driveway Spacing
- Driveway Consolidation
- Driveway Throat

## 3 Multi-modal Improvements

- Sidewalks
- Transit/Bus Stops
- Bike Lanes

## 4 Intersection Improvements

- Turn Lanes
- Lighting
- Signal Improvements
- Striping





## Your Input will Help Develop Solutions

- Evaluate short, medium, and long term solutions
- Continue with stakeholder involvement to discuss options
- Improvement options will be presented at the 2nd Public Meeting in Fall 2019



## Please send any questions or comments to:

### Address:

Public Information Office  
P.O. Box 1386  
Houston, Texas 77251-1386  
Phone: (713) 802-5022

### Email:

[fm1488-accessmanagement@txdot.gov](mailto:fm1488-accessmanagement@txdot.gov)

### Website:

**Go to:** [www.txdot.gov](http://www.txdot.gov)

**Search:** FM 1488 Access Management

## We Need Your Help!

Take the online survey here and then share with others



Online survey is available on the FM 1488 project web page



You can also scan this Quick Response (QR) code with your phone/tablet to access



# Engage Station: Take the Online Survey Here

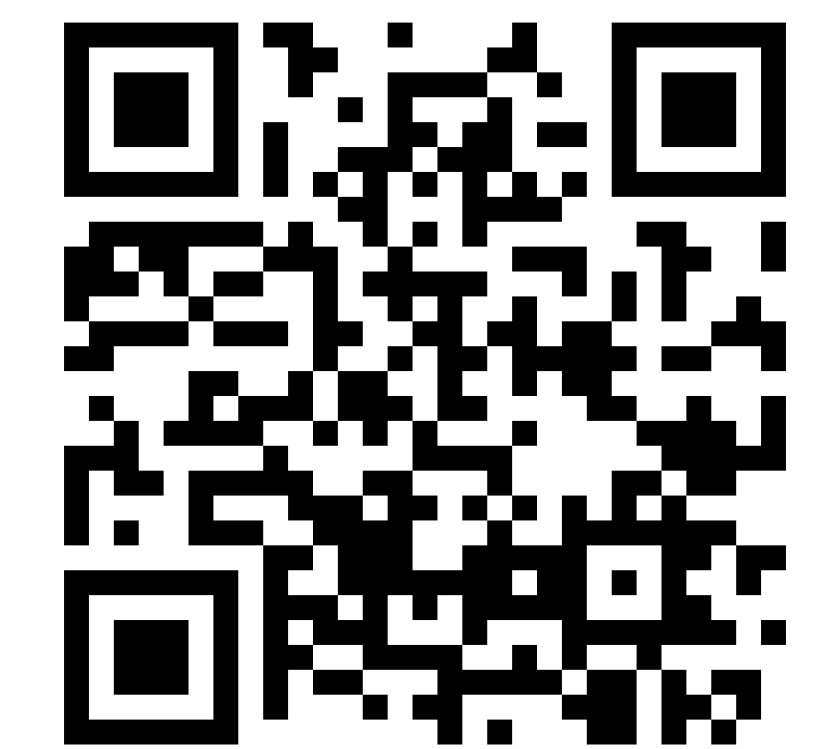


## Once completed:

Please help us gain more feedback and share the link via email or social media!



- Fill out the online survey here;
- Or, use your phone to fill out the survey at: [www.txdot.gov](http://www.txdot.gov)  
Search: FM 1488 Access Management
- Or, access the survey immediately by scanning this Quick Response (QR) code with your phone or tablet reader.



**Necesitamos sus comentarios, participe en la encuesta interactiva que está disponible en inglés y español.**