WELCOME TO

PUBLIC MEETING SERIES #1

SH 20 (Alameda Avenue) Corridor Plan

SH 20 (Texas/Alameda/Main) from Mesa St. to Shaffer Rd. in El Paso County

CSJ: 0001-03-057

June 26th & 27th, 2018

- **Please sign in**
- **Explore and interact with the exhibits**
- **Submit a comment form**
- **Ask questions**

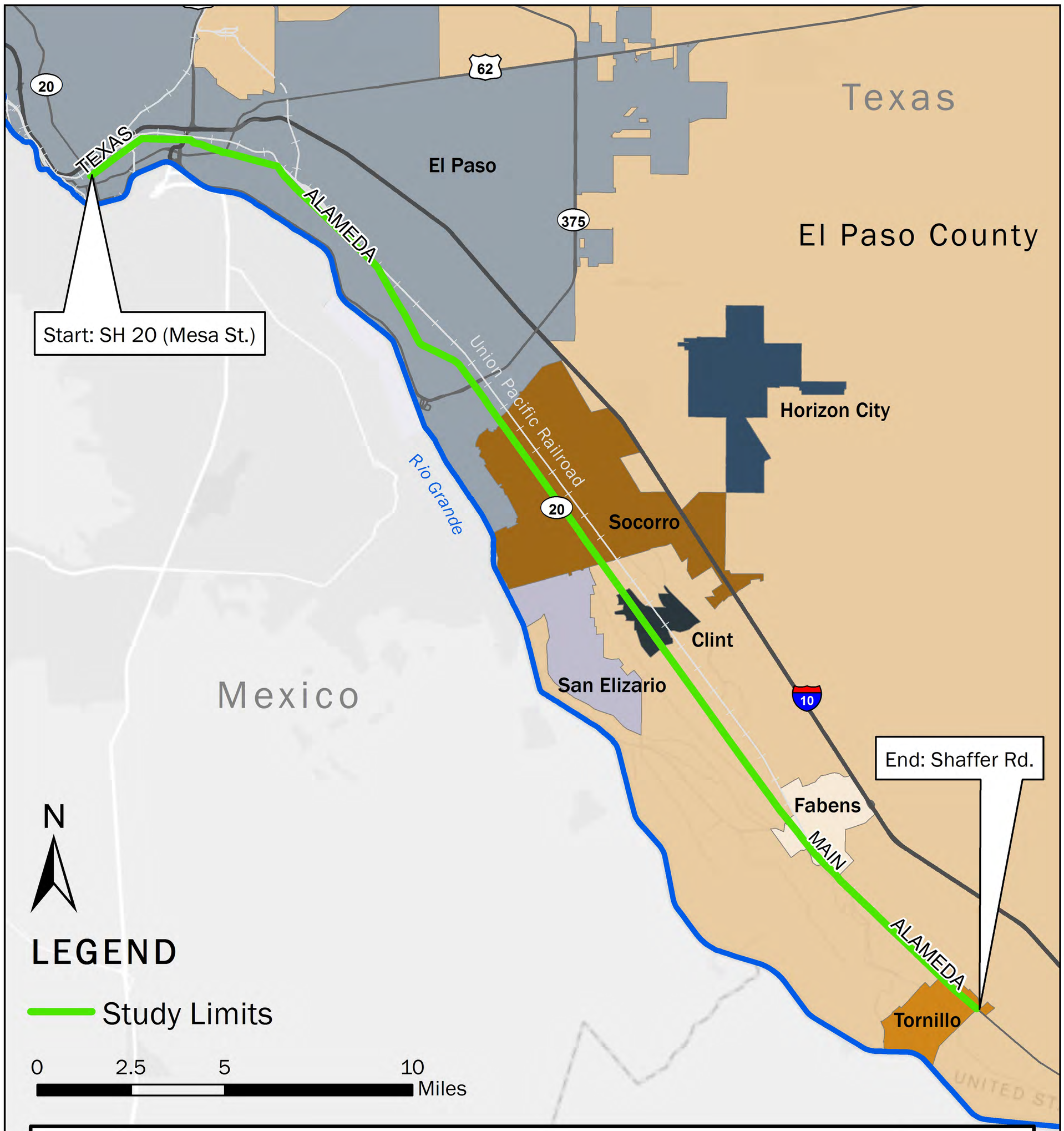
We Want to Hear from You…

Fill out a Comment Form and Participate in the Online Survey at Today's Meeting

After Today's Meeting, send us comments via Mail or Email and Participate in the Online Survey on the TxDOT Webpage

ALL COMMENTS MUST BE POSTMARKED BY JULY 12th , 2018

STUDY LOCATION MAP



Texas Department of Transportation

Study Location Map

SH 20 (Alameda Avenue) Corridor Study

20 TEXAS

SH 20 (Texas/Alameda/Main) from SH 20 (Mesa Street) to Shaffer Road

CSJ: 0001-03-057	El Paso County, Texas

CORRIDOR STUDY TIMELINE & OBJECTIVES

WE ARE HERE

SUMMER/ FALL 2017
Studies for the SH 20 (Alameda Avenue) Corridor Plan Began

→ Collect existing data to define the needs and vision for the corridor

SUMMER 2018
Agency Working Group Meeting & Public Meeting Series #1

→ Develop, evaluate and screen concepts

FALL 2018
Agency Working Group Meeting & Public Meeting Series #2

→ Develop conceptual design recommendations and prioritize improvements

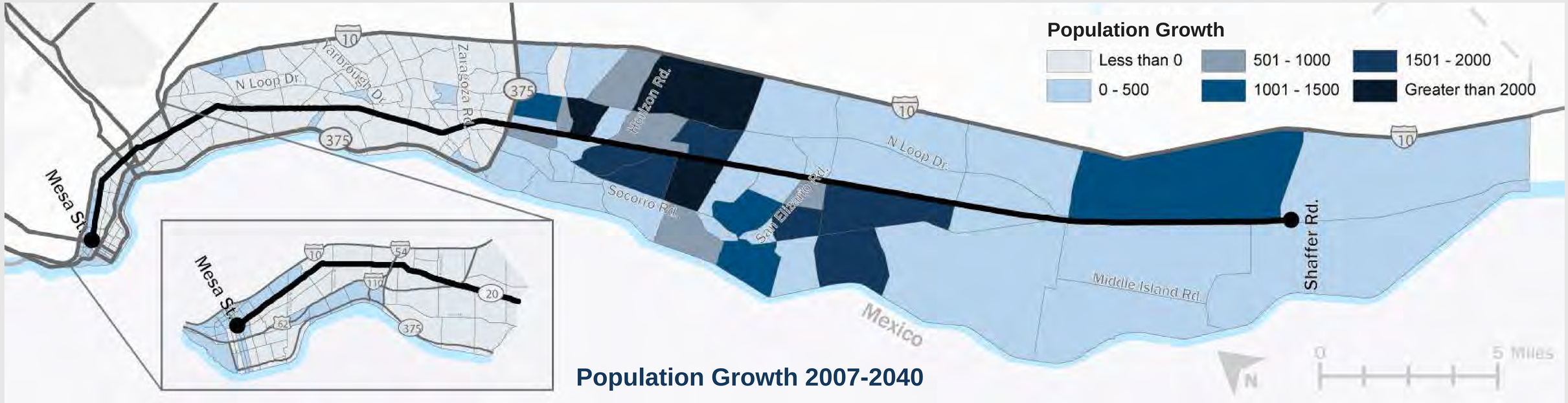
WINTER 2018/ 2019
Agency Working Group Meeting & Public Meeting Series #3

SPRING 2019
Final SH 20 (Alameda Avenue) Corridor Plan

- Study the current and future corridor challenges and needs
- Identify the communities' future vision for SH 20 (Texas/Alameda/Main)
- Develop a SH 20 (Alameda Avenue) Corridor Plan

The study will result in conceptual design recommendations and a set of short-, medium-, and long-term improvements that could be implemented over the next 20+ years.

DEMOGRAPHIC TRENDS



Population Growth 2007-2040

Employment Growth 2007-2040

Source: El Paso MPO Amended Horizon 2040 Travel Demand Model

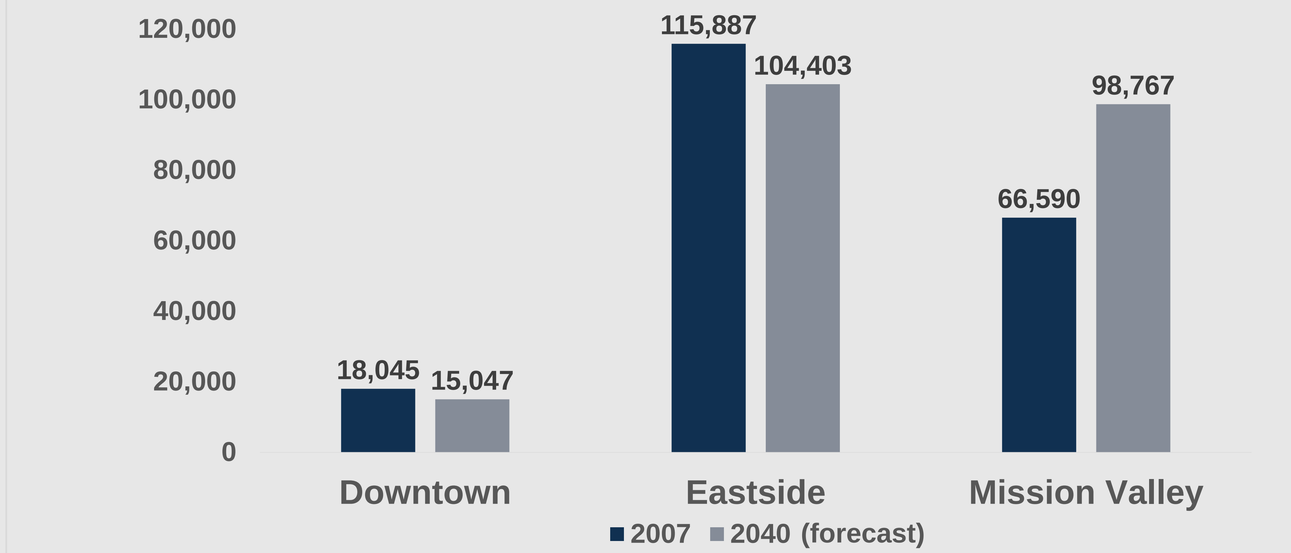
DEMOGRAPHIC TRENDS

Population and employment growth varies throughout the length of the corridor. The charts show the expected growth between 2007 and 2040 by corridor district, according to the El Paso Metropolitan Planning Organization's Amended Horizon 2040 Travel Demand Model.

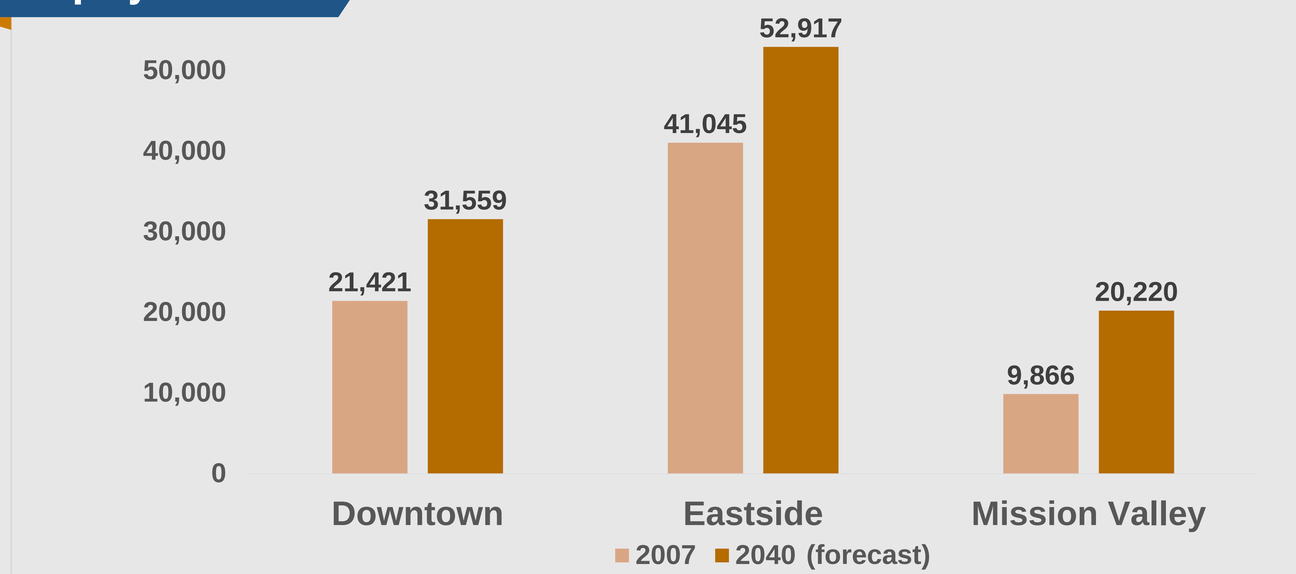
Corridor Districts

- **Downtown** (from SH 20 [Mesa St] to I-110)
- **Eastside** (from I-110 to Loop 375)
- **Mission Valley** (from Loop 375 to Shaffer Rd)

Population

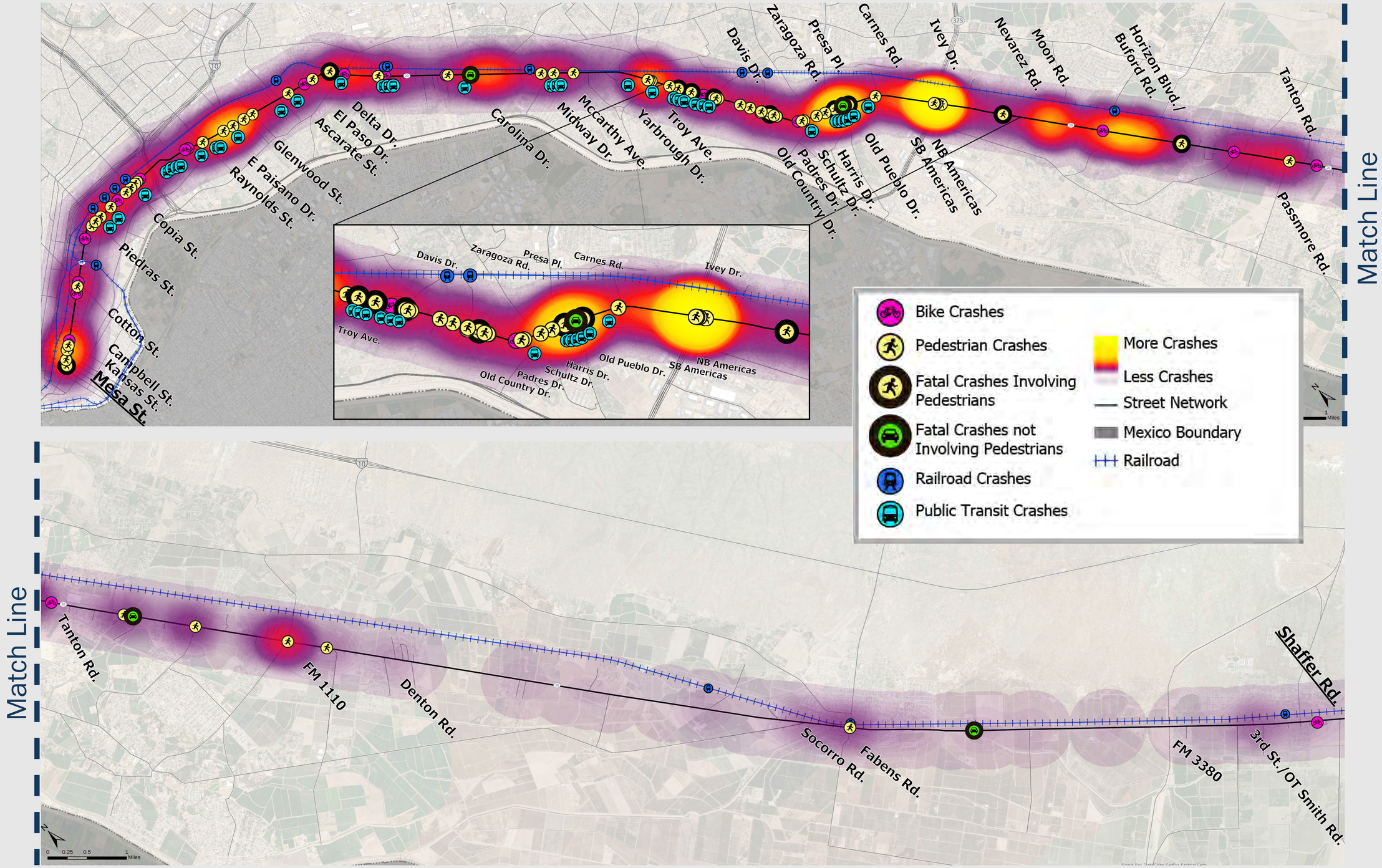


Employment



Source: El Paso MPO Amended Horizon 2040 Travel Demand Model

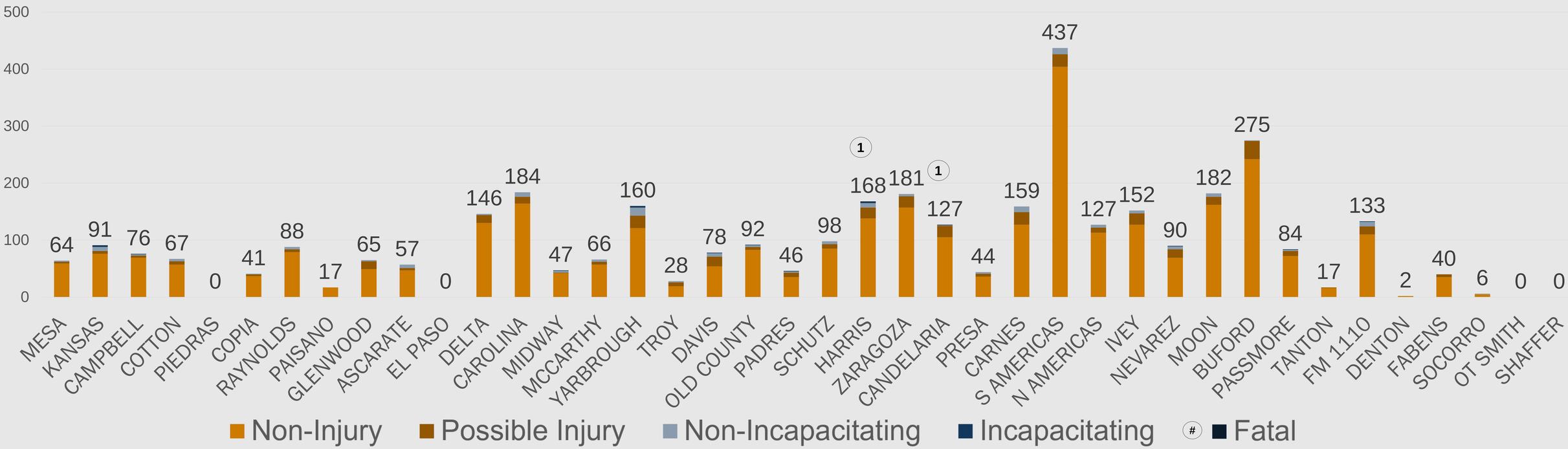
CRASH ANALYSIS MAP (2013-2017)



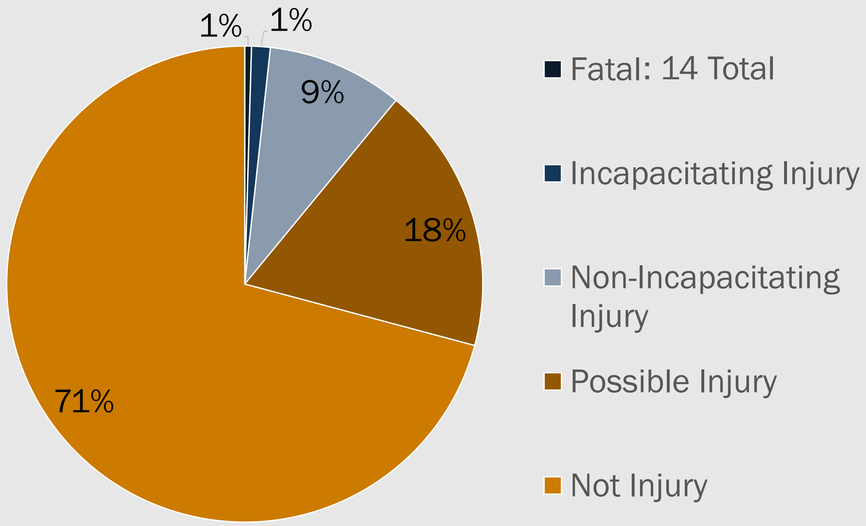
Sources: TxDOT Crash Record Information System (CRIS), Federal Railroad Administration (FRA), Sun Metro

CRASH ANALYSIS DATA (2013-2017)

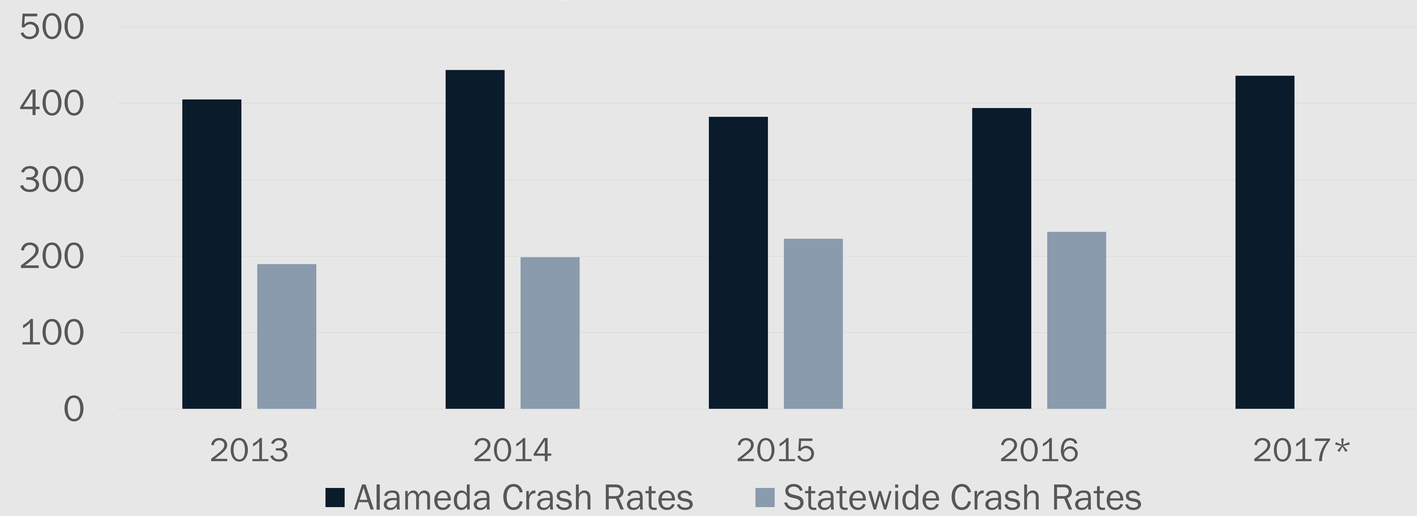
Intersection Crashes by Severity



Alameda Crashes by Severity



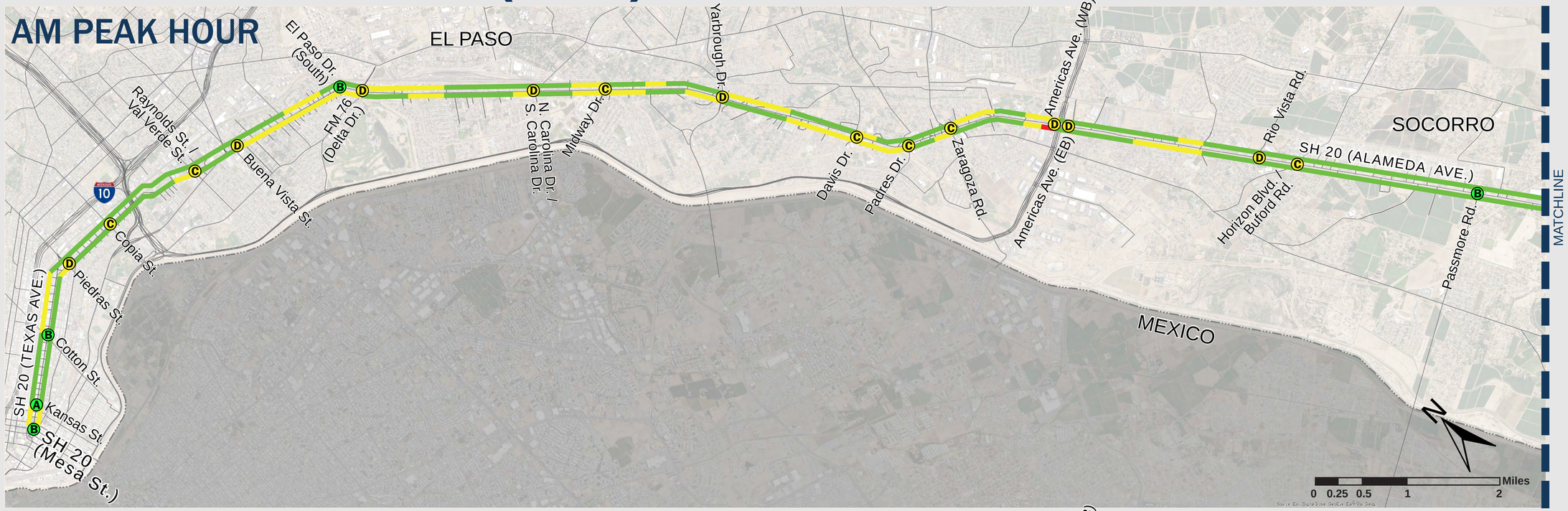
Weighted Crash Rates

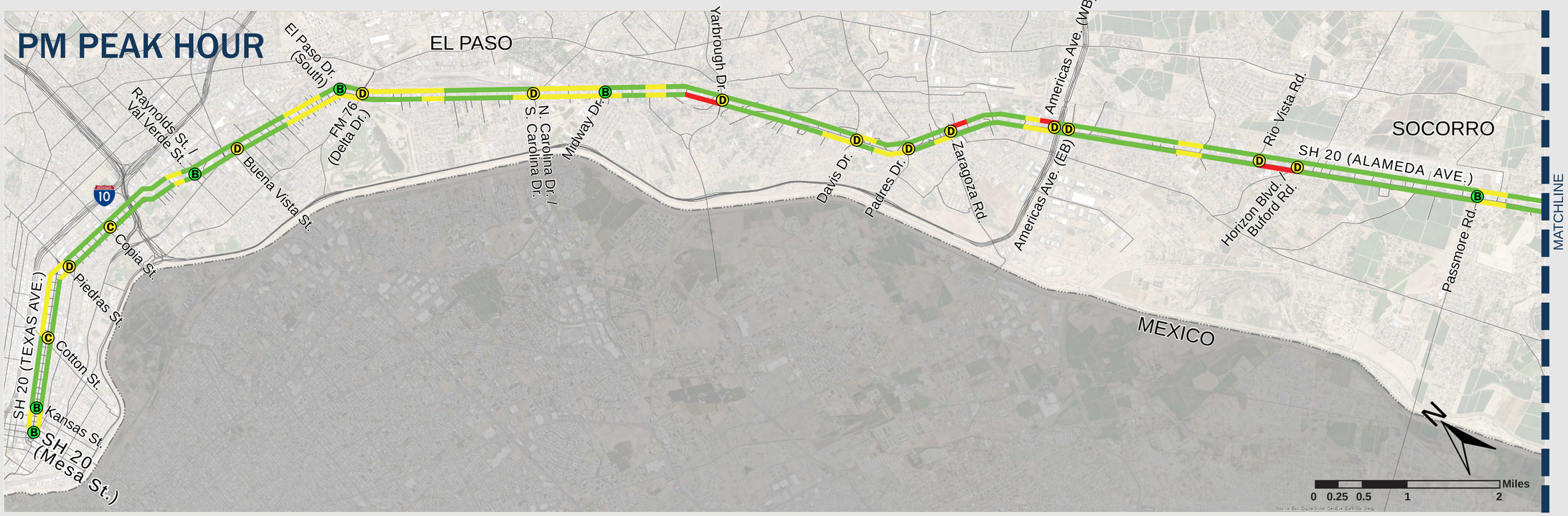


**Statewide crash averages not available for 2017*

Sources: TxDOT Crash Record Information System (CRIS)

TRAFFIC CONDITIONS: EXISTING (2018)





Legend

- LOS A - Free-flowing traffic
- LOS B - Reasonably free-flowing traffic
- LOS C - Stable traffic flow
- LOS D - Approaching unstable traffic flow
- LOS E - Unstable traffic flow and significant delays
- LOS F - Extremely low speed traffic flow; significant delay and extensive queuing

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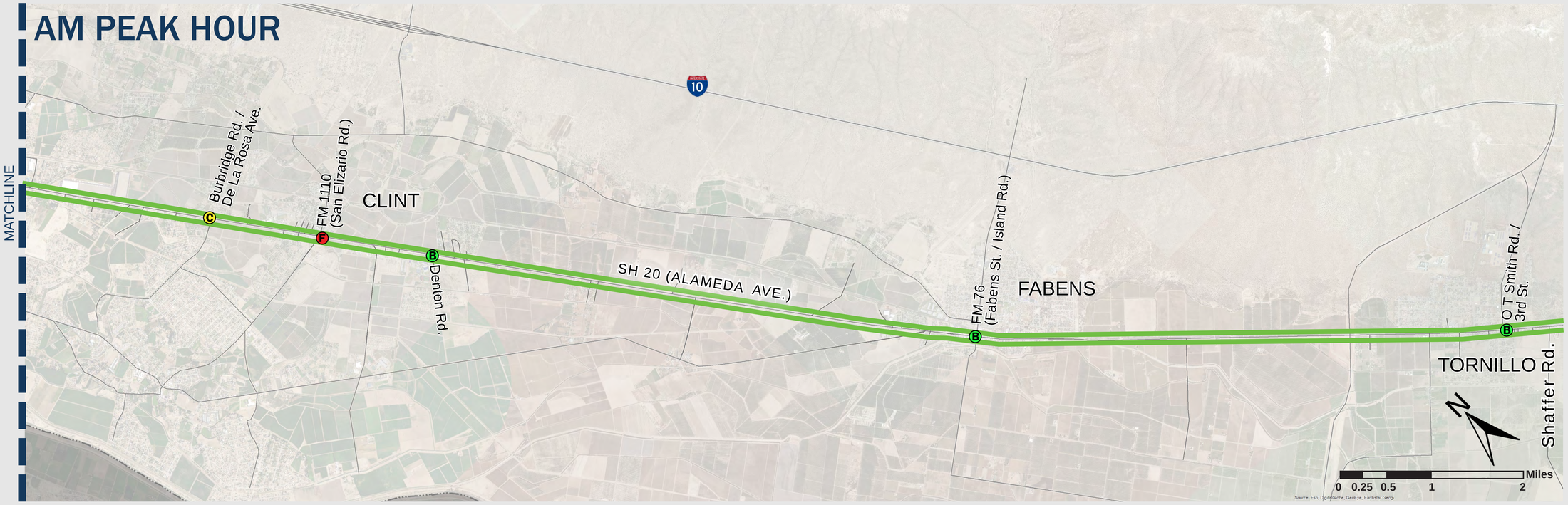

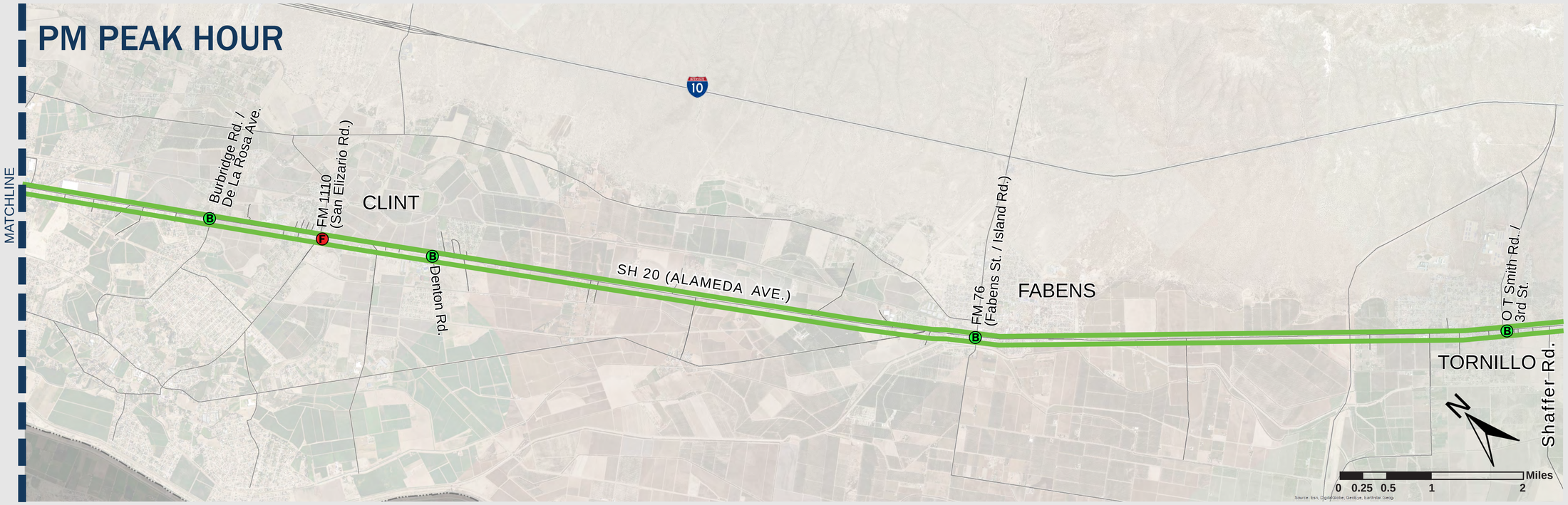

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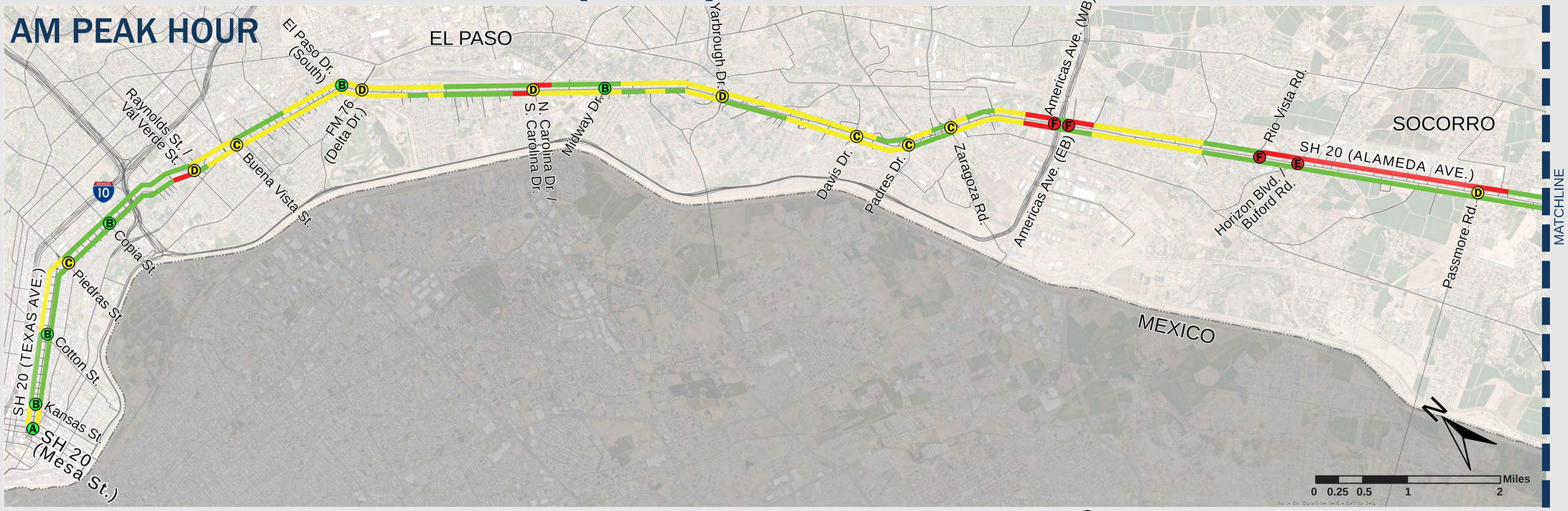
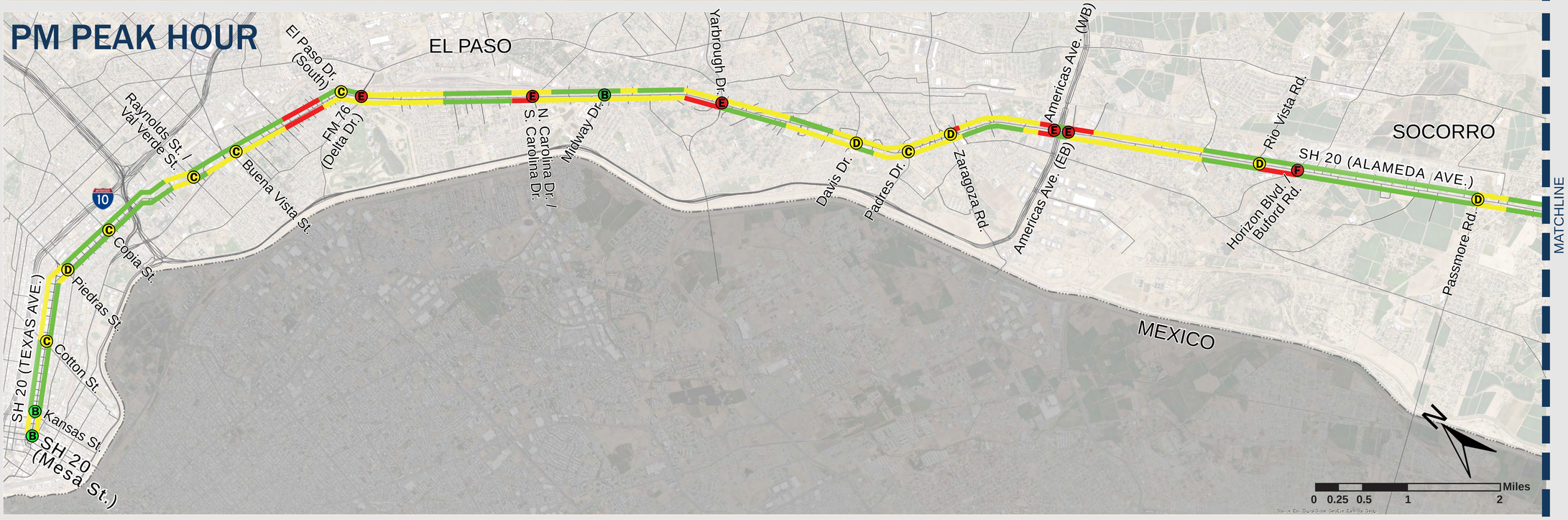
TRAFFIC CONDITIONS: DO NOTHING (2040)





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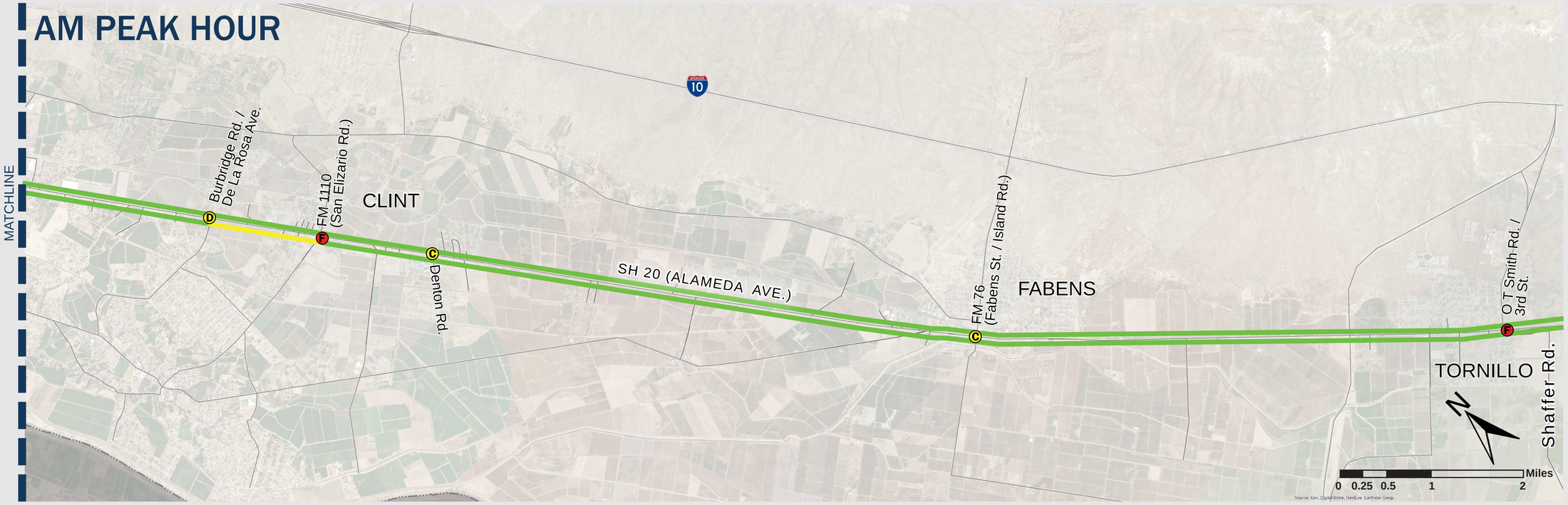

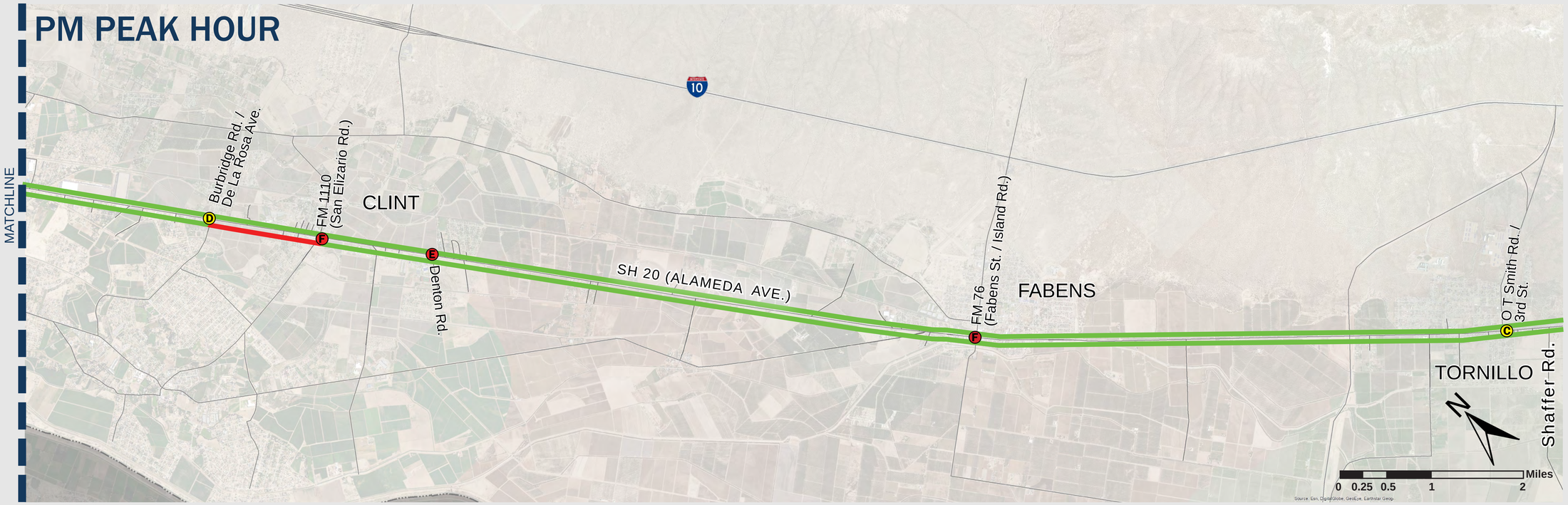

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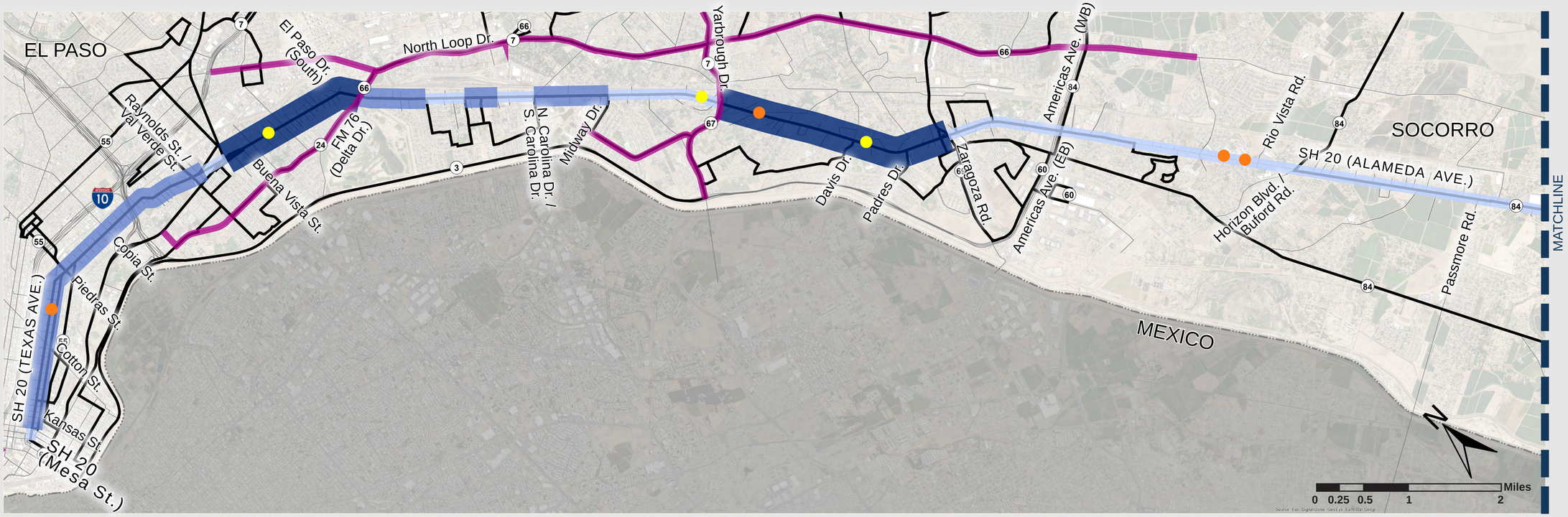
MULTIMODAL

Transit, Bicycle and Pedestrian Facilities

Legend

Monthly Average Transit Ridership (2017)

- Low
- Medium
- High
- Bus Route
- Existing Bike Lane
- Unprotected Mid-block Pedestrian Crossing
- Signalized Mid-block Pedestrian Crossing



Source: Sun Metro, El Paso County Rural Transit, City of El Paso

MULTIMODAL

Transit, Bicycle and Pedestrian Facilities

Source: Sun Metro, El Paso County Rural Transit, City of El Paso

DRAINAGE ANALYSIS

Project Limits:

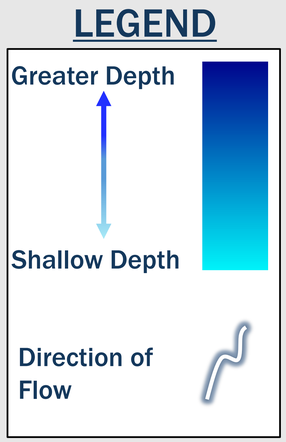
SH 20 (Mesa Street) to Shaffer Road

Project Description:

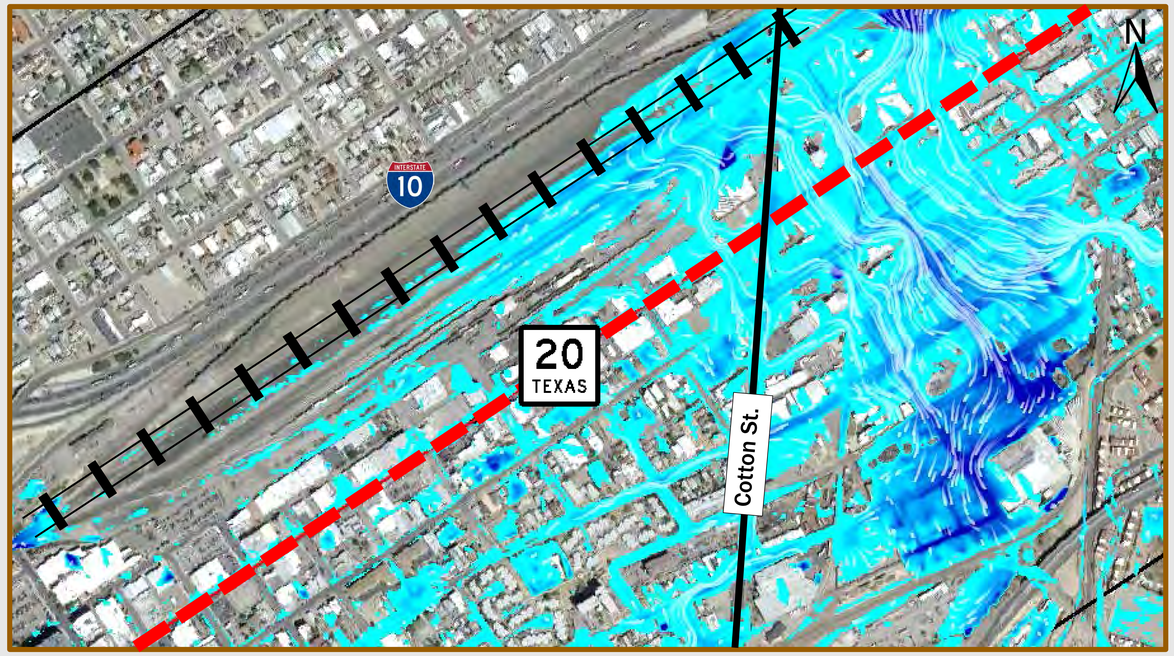
Analyze drainage to establish existing conditions along SH 20 (Texas/Alameda/Main) & identify problem areas

Drainage Analysis Key Takeaway Points:

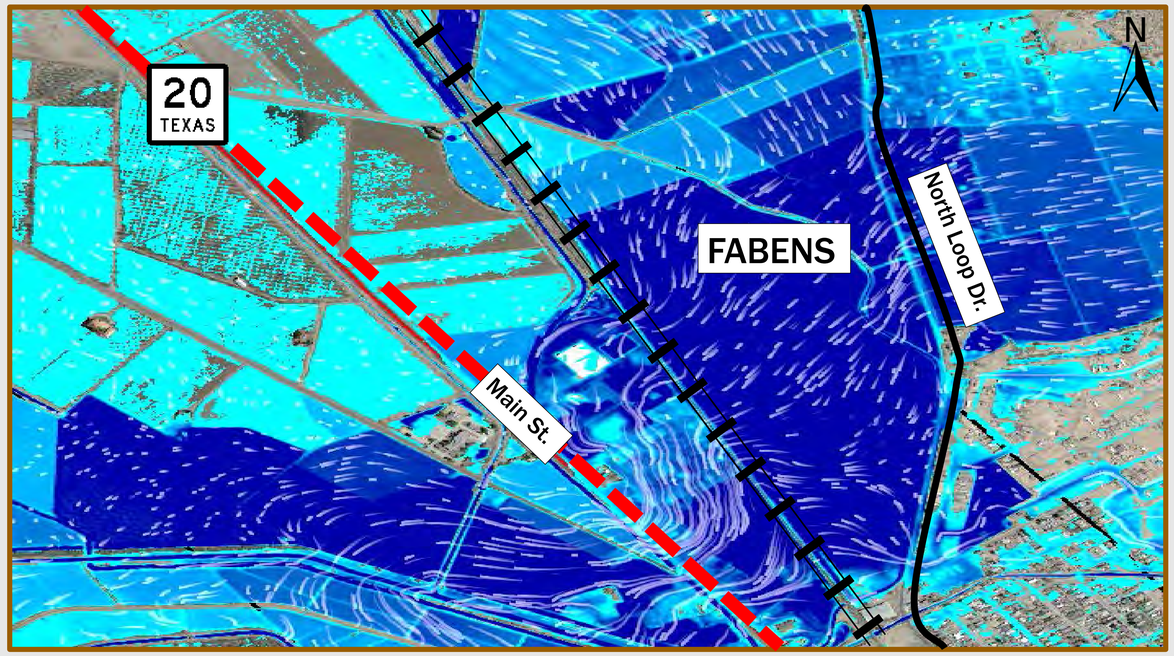
- Depths
- Flooding Limits
- Problem Areas



100-year Urban Inundation



100-year Rural Inundation



Key Map

LEGEND

- 3D Simulated Intersections

BOUNDARIES

- Cities
- El Paso
- Fabens
- Horizon City
- San Elizario
- Socorro
- Tornillo
- Mexico

TRANSPORTATION

- SH 20 (Texas / Alameda / Main) Corridor
- Road
- Interstate Highway
- Regional Railroads

HYDROLOGY

- Wetlands
- Regional Lakes and Rivers
- Canals and Ditches
- Rivers and Streams

LAND USE

- Fire Station
- Police
- Hospital

LAND USE BY PARCELS

- Institutional
- Industrial and Manufacturing
- Commercial
- Single Residential
- Multi-Fam Residential
- Vacant
- Agriculture/Farm
- Utilities
- Exempt, government, historical, religious
- Half Mile Buffer Around SH 20 (Texas / Alameda / Main)

Right out driving aids to access the entrance into Mark Industrial is SH 20 (TEXAS / ALAMEDA / MAIN) Corridor

MULTIMODAL

1 — Bike Facilities

2 — ROW Encroachment

TRANSPORTATION

3 — Signal Type Enhancement Opportunity

4 — Illegal Truck Intersection

5 — Pavement Markings

PLACEMAKING & ARTISTRY

6 — Aesthetics and Material Usage

7 — No Sense of Place

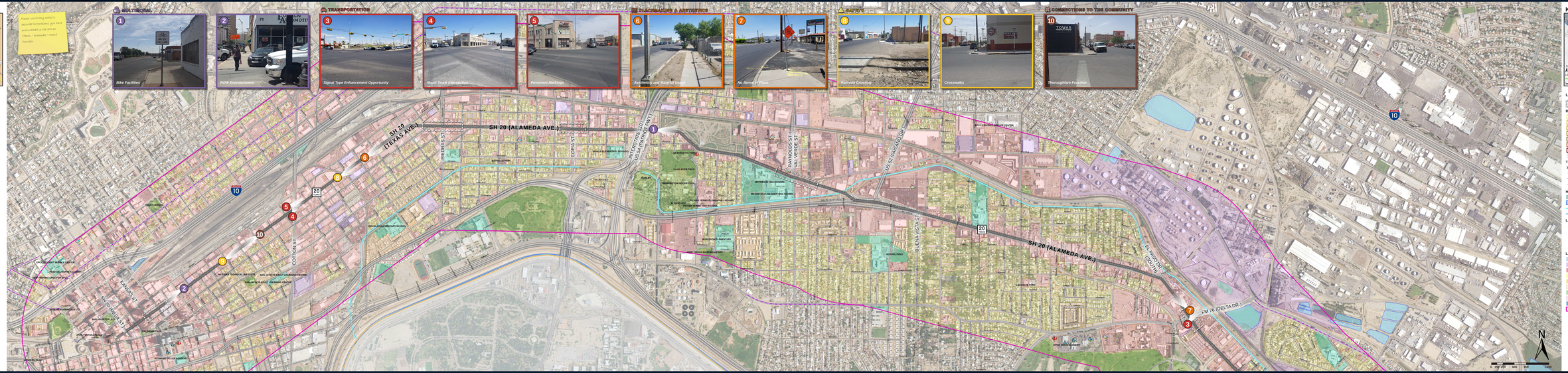
SAFETY

8 — Railroad Crossing

9 — Crosswalks

CONNECTIONS TO THE COMMUNITY

10 — Thoroughfare Function



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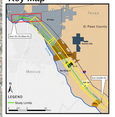

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TEXAS DEPARTMENT OF TRANSPORTATION

20 YEARS Alameda Corridor

Key Map

LEGEND

- 20 Simulated Intersections

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Rather not driving extra to access the sidewalks you have instituted in SH 20 (TEXAS / ALAMEDA / MAIN) Corridor

MULTIMODAL

11 — Transit Operations

12 — Pedestrian Access

13 — Bike Development

14 — Transit / Rider Access

TRANSPORTATION

15 — Mid-Block Crossing

16 — Road Crossings

17 — Pavement Markings

PLACEMAKING & AESTHETICS

18 — Ysleta del Pueblo Design

19 — Commercial Connections

SAFETY

20 — Sidewalk Obstructions

21 — Wheelchair Access

CONNECTIONS TO THE COMMUNITY

22 — Franklin Canal

23 — New Roadway Connections

24 — Wayfinding Signs

Key Map

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Walkability and Biking within 1/2 mile of the SH 20 corridor is hindered by pedestrians who live and work in the SH 20 (Texas / Alameda / Main) Corridor

BUILT ENVIRONMENT

36 — No Sidewalks

TRANSPORTATION

37 — Need for Traffic Calming in School Zone

38 — Poor Intersection

PLACEMAKING & AESTHETICS

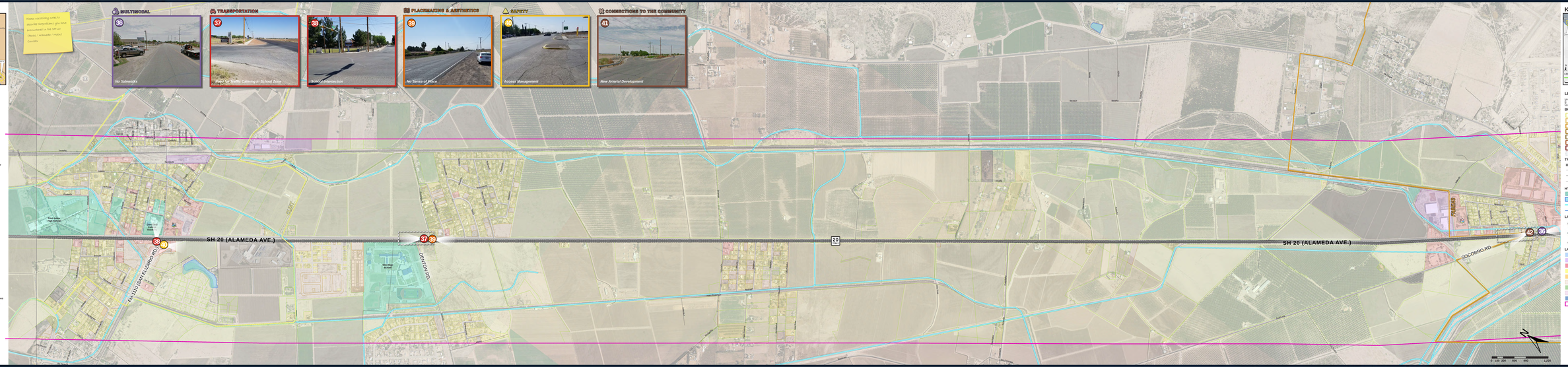
39 — No Sense of Place

SAFETY

40 — Access Management

CONNECTIONS TO THE COMMUNITY

41 — New Arterial Development


SH 20 (ALAMEDA AVE.)
SH 20 (ALAMEDA AVE.)
20
FM 1110 (SAN ELIZARIO RD.)
DIXTON RD.
SOCORRO RD.
FABENS
SUNT
Clint Junior High School
Clint Elementary Schools
Clint Early Childhood Center
Socorro Middle School
Socorro Elementary School
Socorro Junior High School
Socorro Elementary School
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Socorro Elementary

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MULTIMODAL

Rural Transit Access

TRANSPORTATION

Connections to Railroad

PLACEMAKING & AESTHETICS

Rural Identity and Design

Wayfinding Signs Needed

SAFETY

Flooding and Railroad Crossing

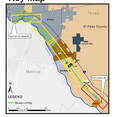
CONNECTIONS TO THE COMMUNITY

Commercial Access

Rural vs. Urban: Rural vs. Urban Transition Zone Where Motorized Vehicles Are Allowed

Texas / Alameda / Main Corridor

Key Map



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PRELIMINARY EVALUATION CRITERIA

The SH 20 (Alameda Avenue) Corridor Plan should...

Please use dots to indicate which criteria are most important to you.

SAFETY	Improve vehicle, pedestrian and bicycle safety on SH 20 (Texas/Alameda/Main).	
TRAFFIC OPERATIONS	Improve travel times and reduce travel delays on SH 20 (Texas/Alameda/Main).	
CONNECTION TO THE COMMUNITY	Improve connections to neighborhoods, trails and areas of interest.	
MULTIMODAL	Accommodate all modes of transportation including vehicles, bicycles, pedestrians, transit vehicles and freight services.	
DRAINAGE	Address flooding and drainage issues along the SH 20 (Texas/Alameda/Main) Corridor.	
ENVIRONMENT	Protect the natural, human, and cultural environment.	
PLACEMAKING & AESTHETICS	Provide a landscape/streetscape that reflects the community's identity and creates a sense of place.	
COST	Transportation funding should be used to improve SH 20 (Texas/Alameda/Main).	

Please use sticky notes to suggest additional criteria.

TEXAS DEPARTMENT OF TRANSPORTATION

Community Engagement

Architecture Vernacular

Public Art

Interactive Art

Please use sticky notes to suggest additional ideas:

Trail Access

Directions to Get to Trail

Entrance Signage to Trail

Trail-head with Map

Please use sticky notes to suggest additional ideas:

Connections to Neighborhoods

Pedestrian Connection

Vehicle Connection

Bus Stop Connection

Connection to Facility

Open Space Connections

Community Entrance

Please use sticky notes to suggest additional ideas:

Type of Parking

Parallel Parking

Angled Parking

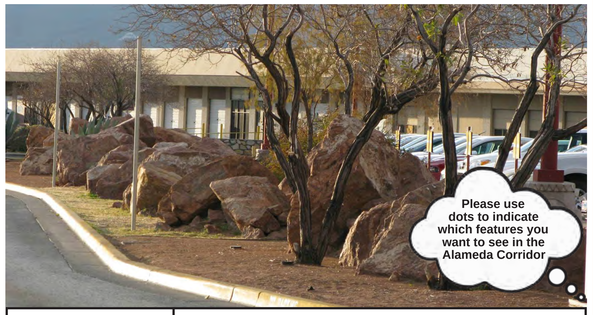
Off-Street Parking

Please use sticky notes to suggest additional ideas:

TEXAS DEPARTMENT OF TRANSPORTATION

20 TEXAS Alameda Corridor

Rural Landscaping



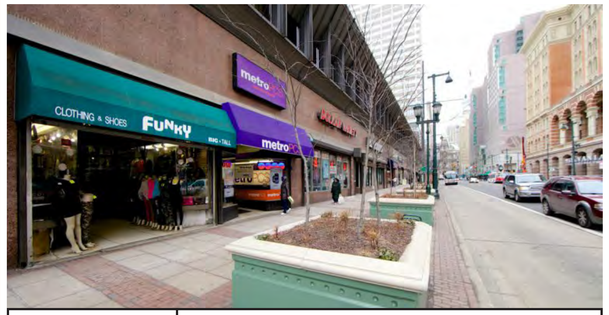
Small Tree and Large Rocks

Ornamental Shrubs

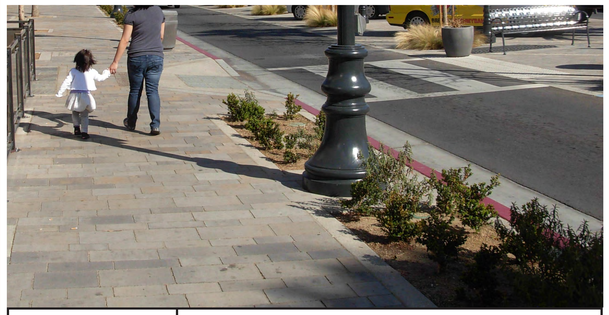
Small Trees with Stones

Please use sticky notes to suggest additional ideas:

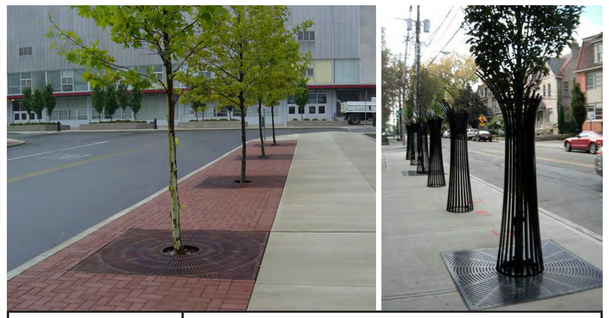
Urban Landscaping



Planter Box



Flush Planter

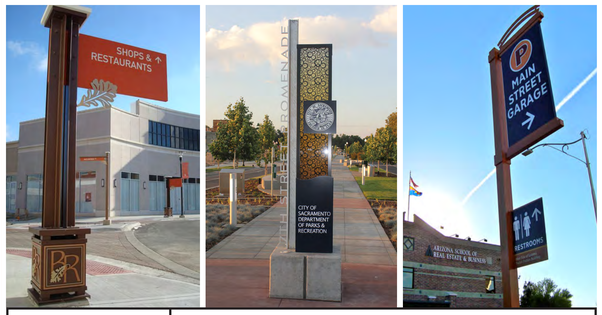


Grate Planter

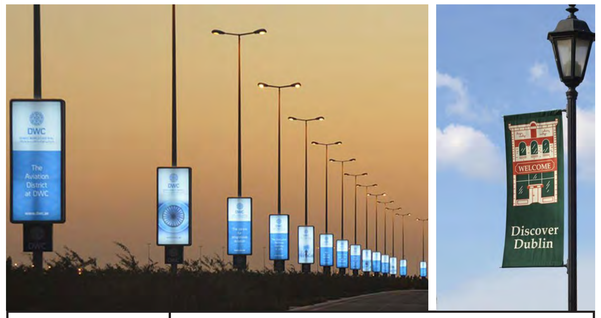
Please use sticky notes to suggest additional ideas:

Signage

Gateways



Wayfinding



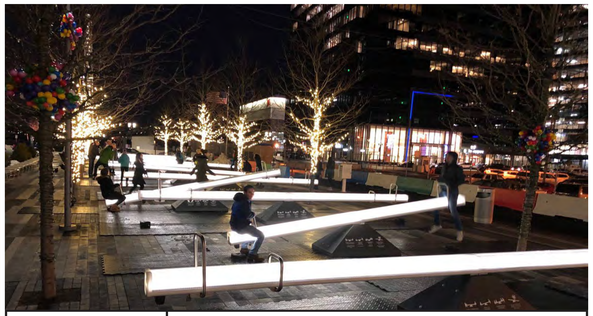
Integrated

Please use sticky notes to suggest additional ideas:

Nodes of Activity

Functional Spaces

Social Spaces



Interactive Spaces

Please use sticky notes to suggest additional ideas:

TEXAS DEPARTMENT OF TRANSPORTATION

20 TEXAS Alameda Corridor

Lighting

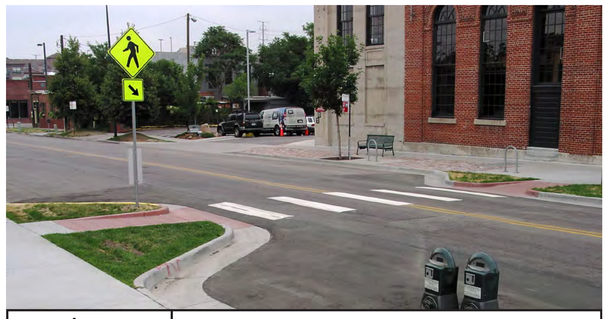
Integrated

Modern

Art

Please use sticky notes to suggest additional ideas:

Traffic Safety



Lane Reducers

Intersection Safety

Roundabout

Please use sticky notes to suggest additional ideas:

Pedestrian Safety

Standard striping cross walk

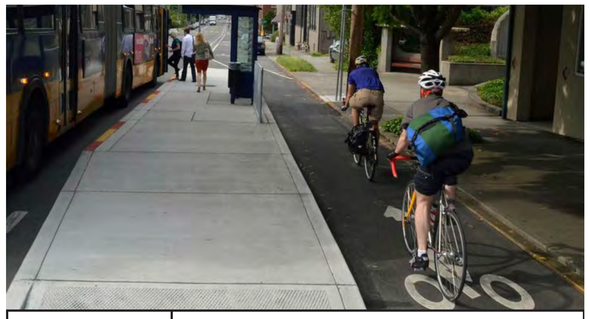
Patterned Pavement

Pedestrian Bridge

Please use sticky notes to suggest additional ideas:

Bicycle Safety

At Intersections



At Bus Stop

Barrier Separated Bicycle Lanes

Please use sticky notes to suggest additional ideas:

HOW TO SUBMIT COMMENTS

1) Today at the Public Meeting:

- **Fill out a Comment Form and drop it in the comment box**
- **Participate in the MetroQuest Survey at the computers**

2) After the Public Meeting:

- **Send your Feedback via *Mail*:**
  Texas Department of Transportation
  Re: SH 20 (Alameda Avenue) Corridor Plan
  c/o Thelma Ramirez - Project Manager
  13301 Gateway Boulevard West
  El Paso, Texas 79928-5410

- **Send your Feedback via *Email*:**
  Alameda.Study@jacobs.com

- **Send your Feedback *Online*:**
  - Visit www.txdot.gov, keyword "Alameda Avenue"
  - Participate in the MetroQuest Survey
  - Scan this code with your smart phone or tablet

All comments must be postmarked by
July 12, 2018
to be part of the official record of Public Meeting Series #1.

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Medians

Flush

Raised

Bioswale

Please use sticky notes to suggest additional ideas:

Intersections

Standard

Innovative

Complete Street Intersection

Please use sticky notes to suggest additional ideas:

Signals

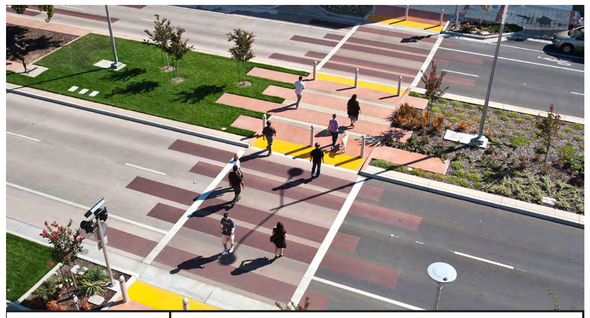
Standard

Decorative

Enhanced

Please use sticky notes to suggest additional ideas:

Pedestrian interface with street



Mid-block Crossing

Streetscape with Activity Zone

Elevated Pedestrian Walk

Please use sticky notes to suggest additional ideas:

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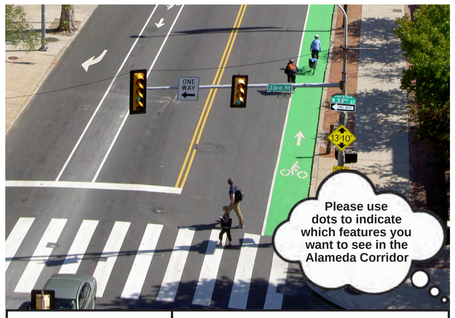
20 TEXAS Alameda Corridor

Bicycle Facilities: Urban



Dedicated Bike Lane

Barrier Separated Bike Lane

Shared Use Lane

Please use sticky notes to suggest additional ideas:

Bicycle Facilities: Rural

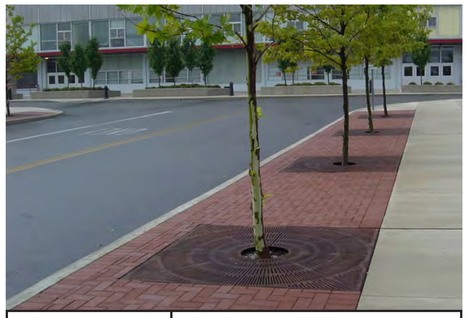
Dedicated Bike Lane

Striped Bike Lane

Barrier Separated Bike Lane

Please use sticky notes to suggest additional ideas:

Sidewalk Facilities: Urban



Urban

Separated with Landscape

Active Separation

Please use sticky notes to suggest additional ideas:

Sidewalk Facilities: Rural

Mid Block Crossing

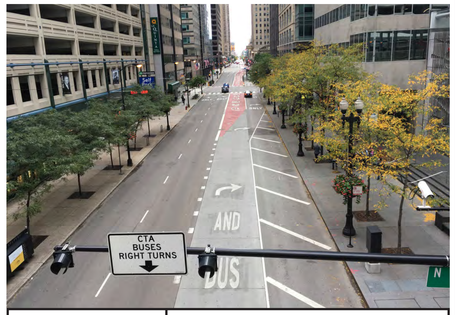
Adjacent to Roadway

Trail Separated with Landscape

Please use sticky notes to suggest additional ideas:

Transit Facilities

Dedicate Bus Lanes



Shared-RT-Transit-Lane

Complete Street

Please use sticky notes to suggest additional ideas:

WELCOME!

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.

¡BIENVENIDOS!

La revisión ambiental, consultas y otras acciones requeridas por las leyes ambientales federales aplicables para este proyecto están siendo, o han sido, realizadas por TxDOT de conformidad con el 23 USC 327 y un memorando de entendimiento con fecha del 16 de diciembre de 2014, y ejecutado por la FHWA y TxDOT.

Thank you for attending today's Public Meeting!

¡Gracias por asistir a la reunión pública hoy día!