



# WELCOME TO THE PUBLIC MEETING

## Doniphan Drive Corridor Plan

Doniphan Drive (SH 20) between the Texas/New Mexico  
state line and Mesa Street in El Paso County

CSJ: 0001-01-060

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

September 29, 2016

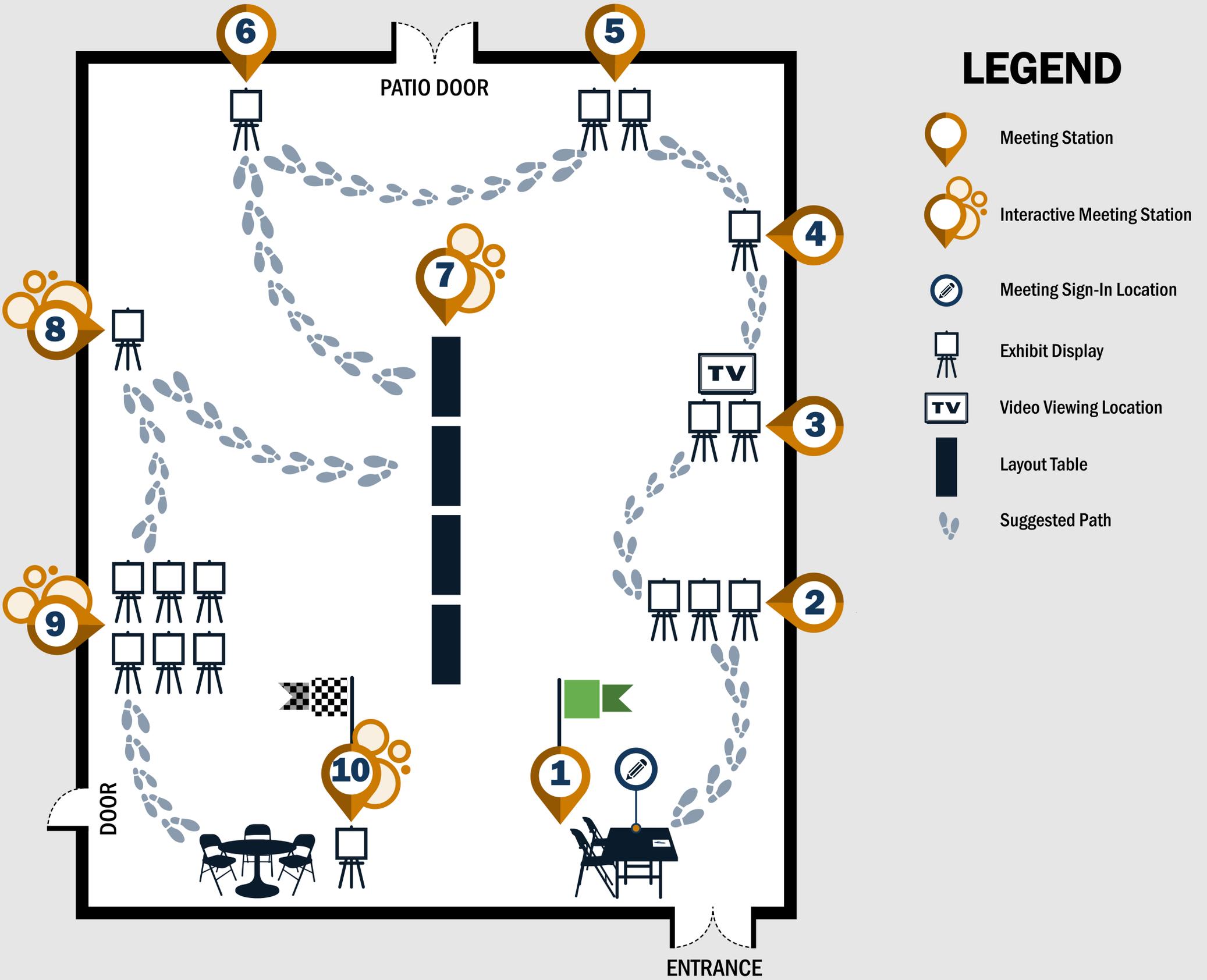
We want to hear your feedback.

*A comment form has been provided to you  
for your convenience.*

*If you do not have one, please ask a study team member.*



## Room Layout



## STATION GUIDE

- |                                 |                             |                                          |
|---------------------------------|-----------------------------|------------------------------------------|
| <b>1</b> Sign-In Table          | <b>5</b> Economic Growth    | <b>8</b> Preliminary Evaluation Criteria |
| <b>2</b> Background Information | <b>6</b> Drainage           | <b>9</b> Possible Solutions              |
| <b>3</b> Traffic Conditions     | <b>7</b> Challenges & Needs | <b>10</b> Comments                       |
| <b>4</b> Crash Analysis         |                             |                                          |





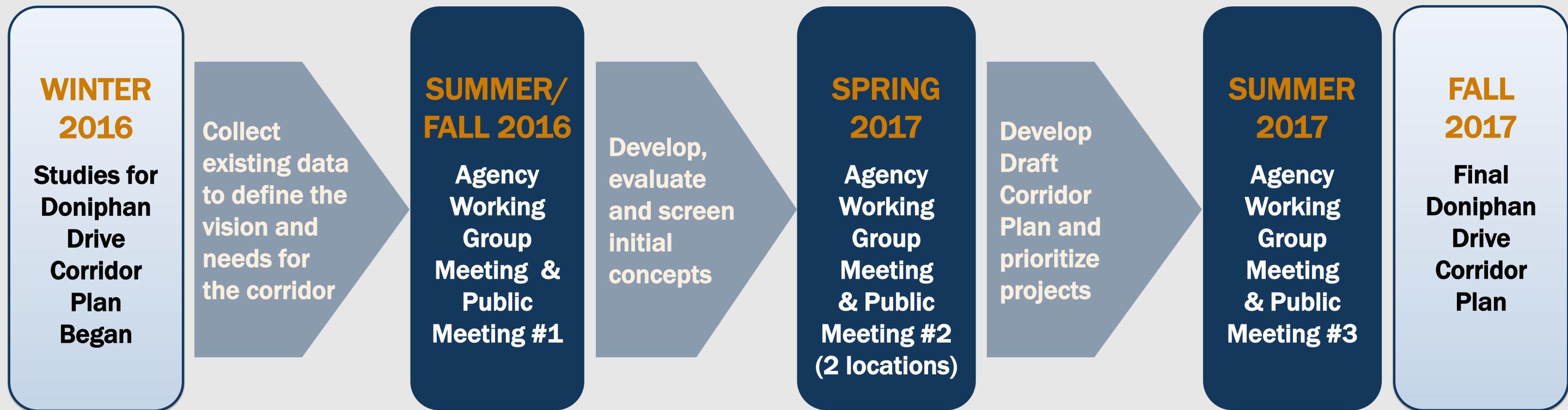
# **PURPOSE OF THE DONIPHAN DRIVE CORRIDOR PLAN**

**The Corridor Plan will document the community's vision for an 11-mile section of Doniphan Drive as it relates to future transportation and development along the corridor through 2040.**

**One of the results of this process will be the identification of a set of improvements for short-, medium- and long-term implementation.**



# STUDY TIMELINE



Subject to Change

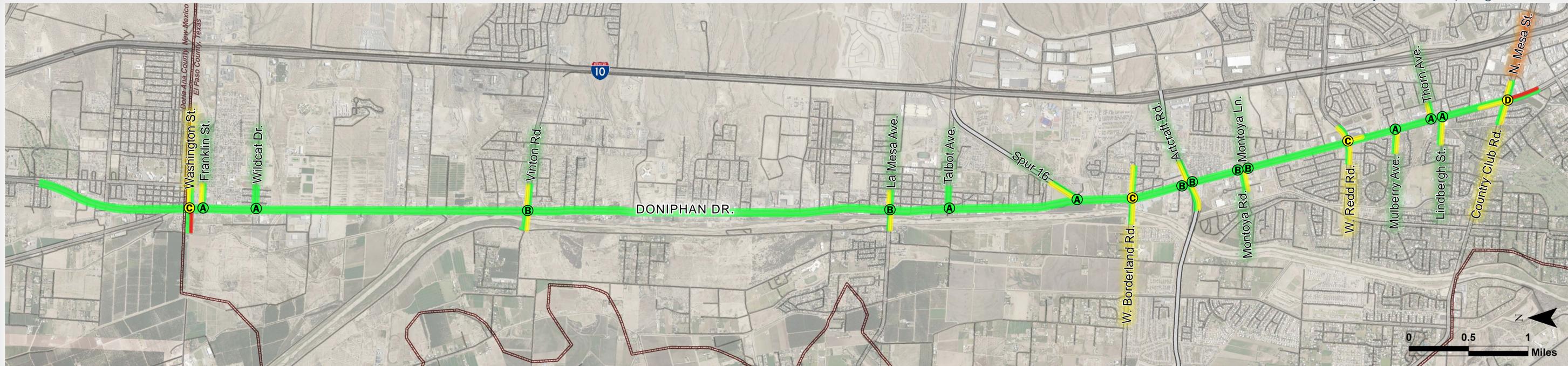


## TRAFFIC CONDITIONS: EXISTING (2016)

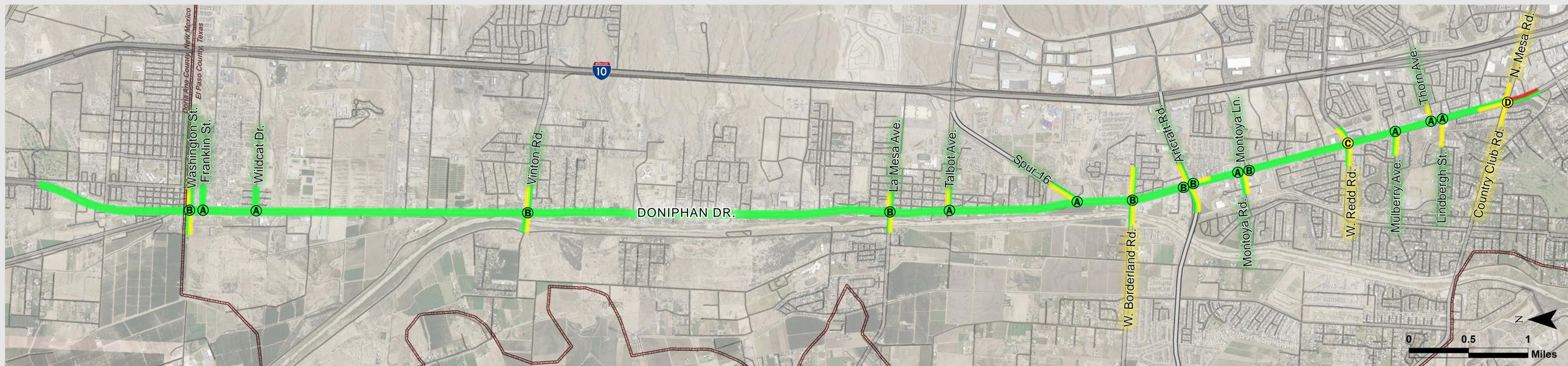
### AM PEAK HOUR

#### 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



### PM PEAK HOUR



Source: Doniphan Study Team 2016.

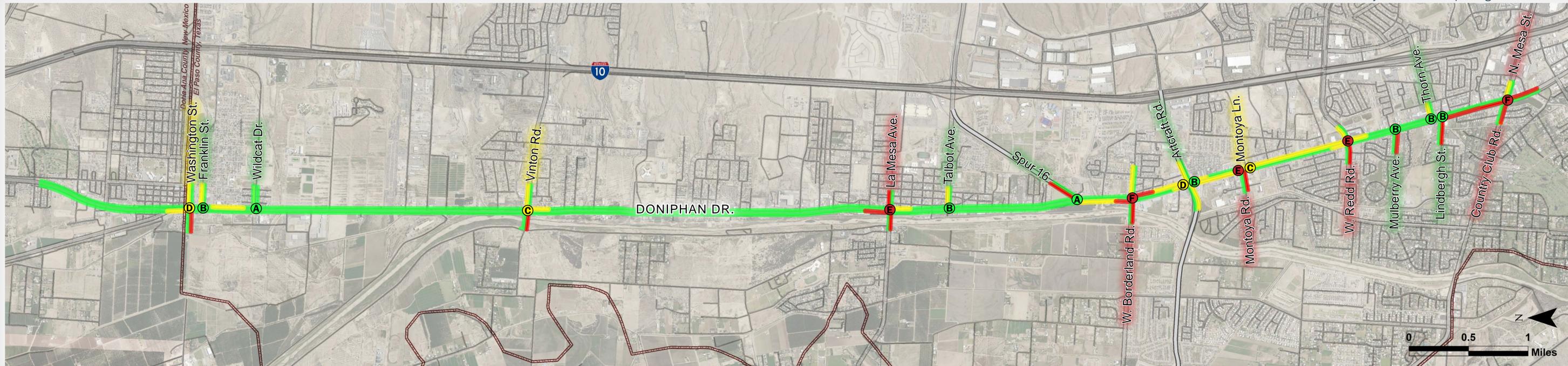


## TRAFFIC CONDITIONS: FUTURE DO-NOTHING (2040)

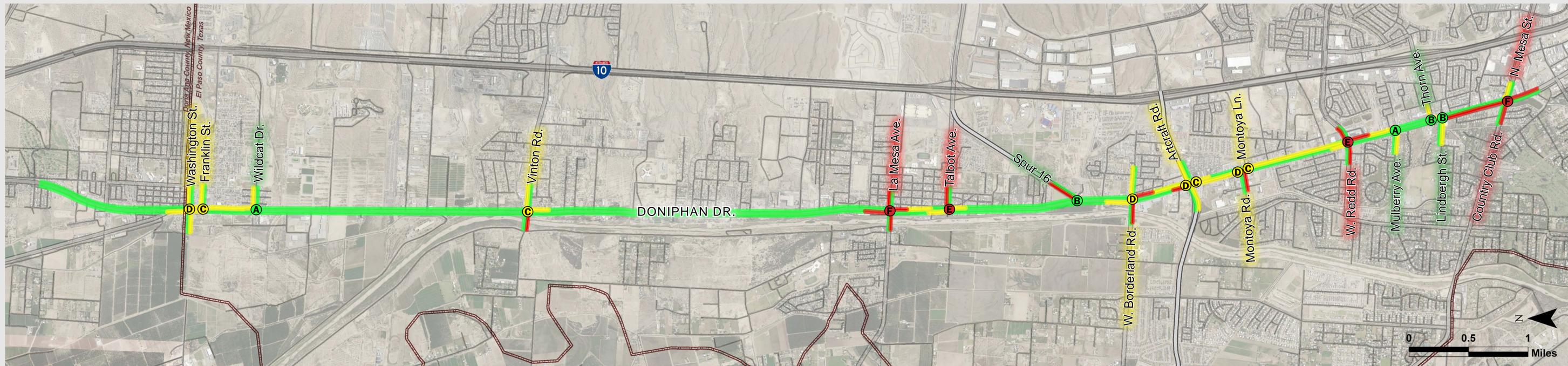
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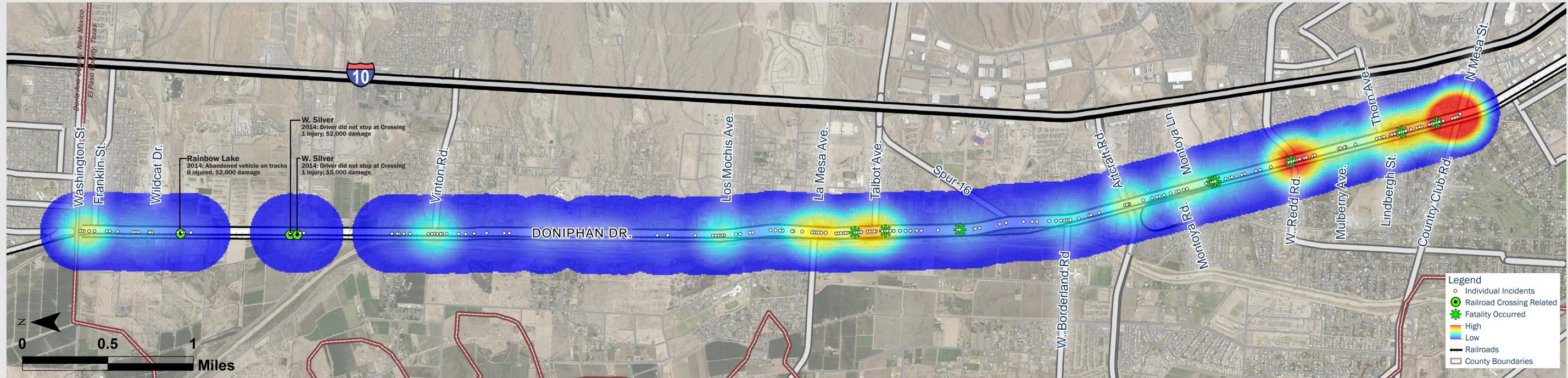
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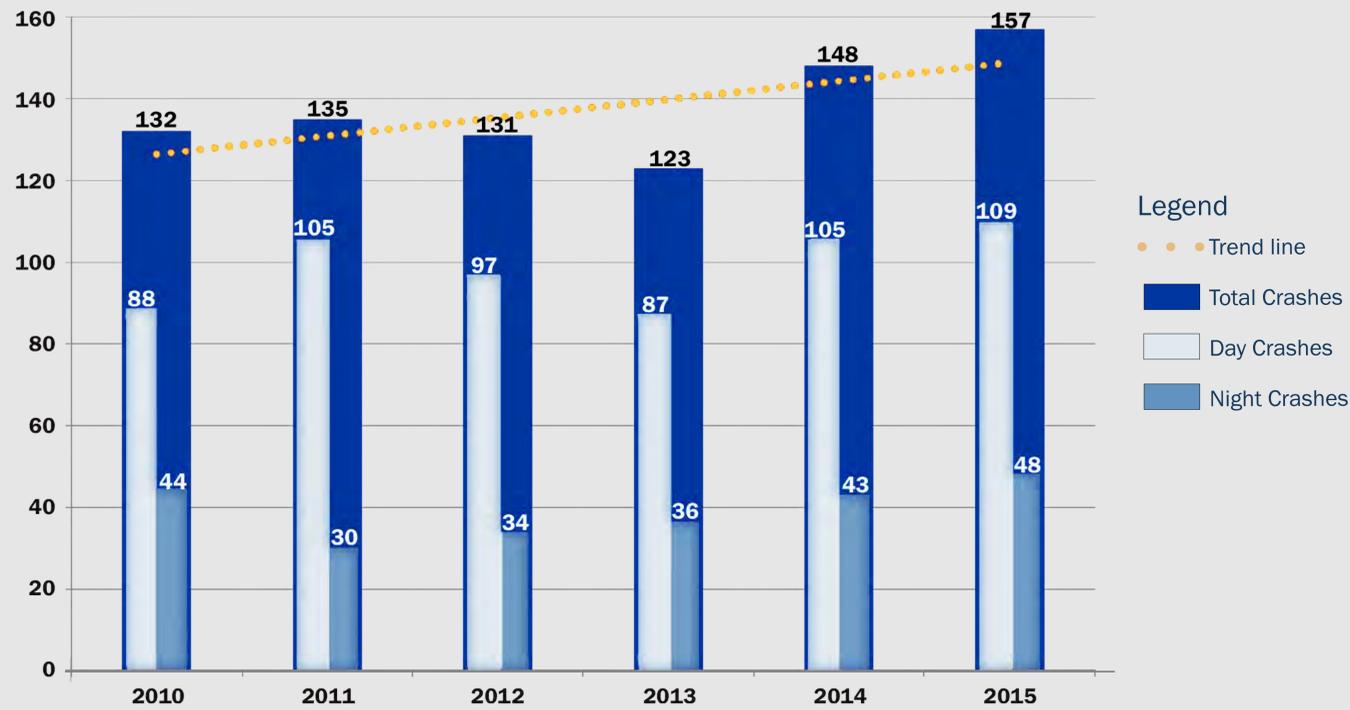
Source: Doniphan Study Team 2016.



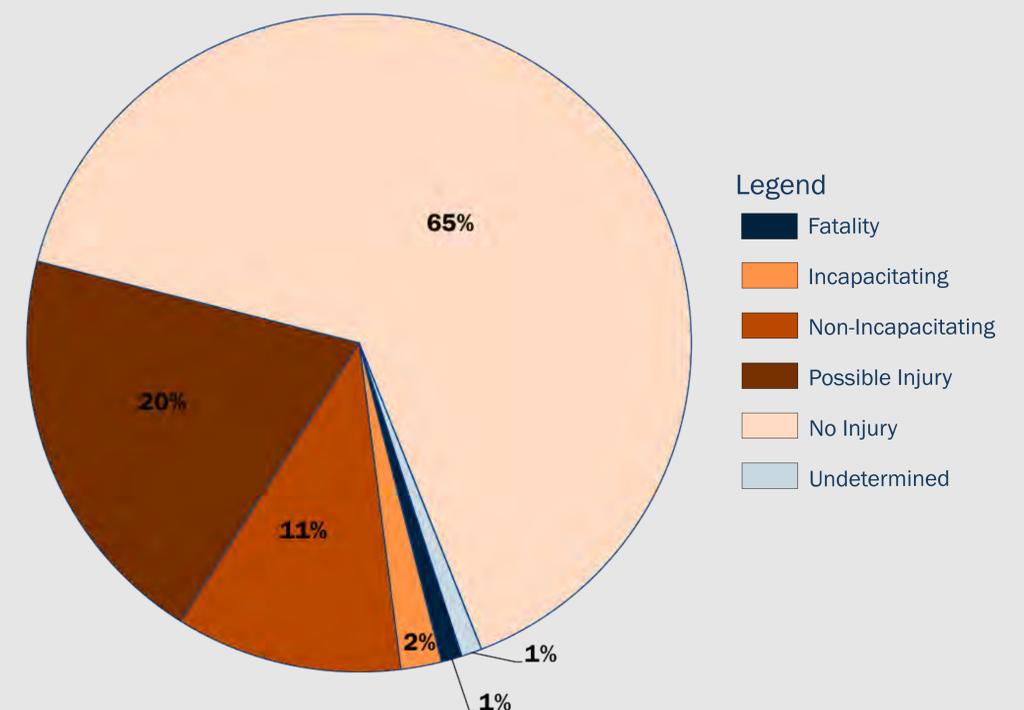
## CRASH ANALYSIS SUMMARY (2010 - 2015)



### Annual Crashes by Time of Day



### Total Crashes by Collision Type



Source: TxDOT March 2016, USDOT FRA July 2016.



## ECONOMIC AND DEMOGRAPHIC ANALYSIS

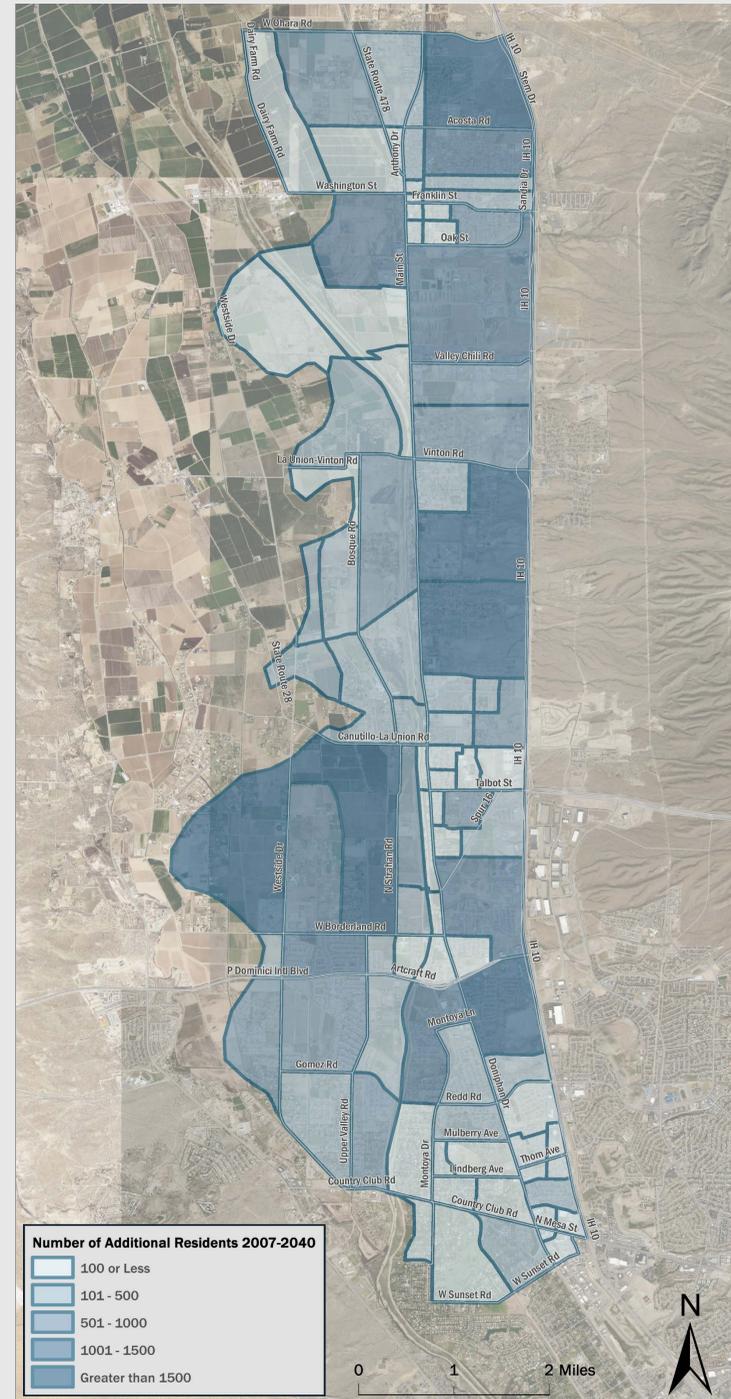
The 2040 Redevelopment Scenario was developed using:

- Projected population, household, and employment growth
- Current growth trends
- Input from stakeholders
- Real-estate market conditions

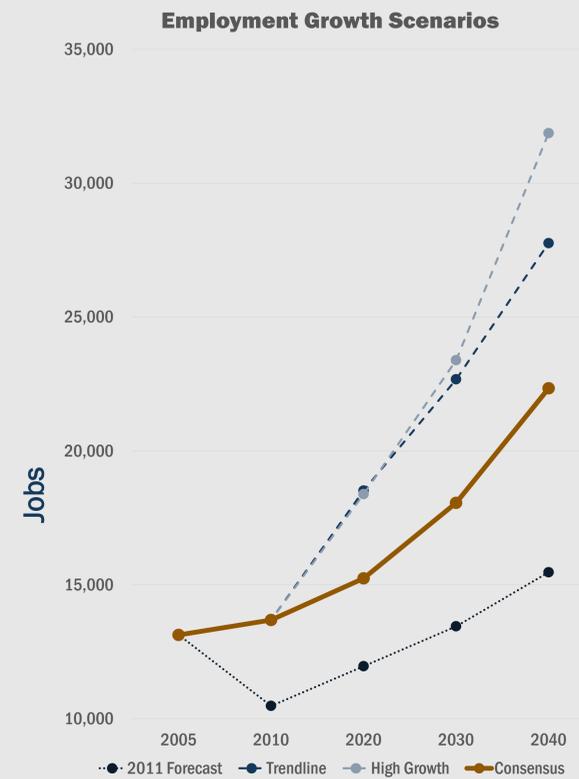
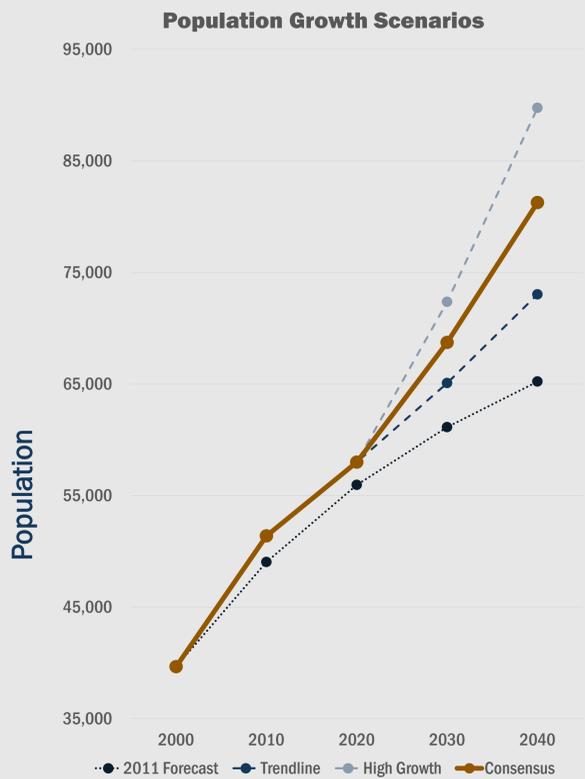
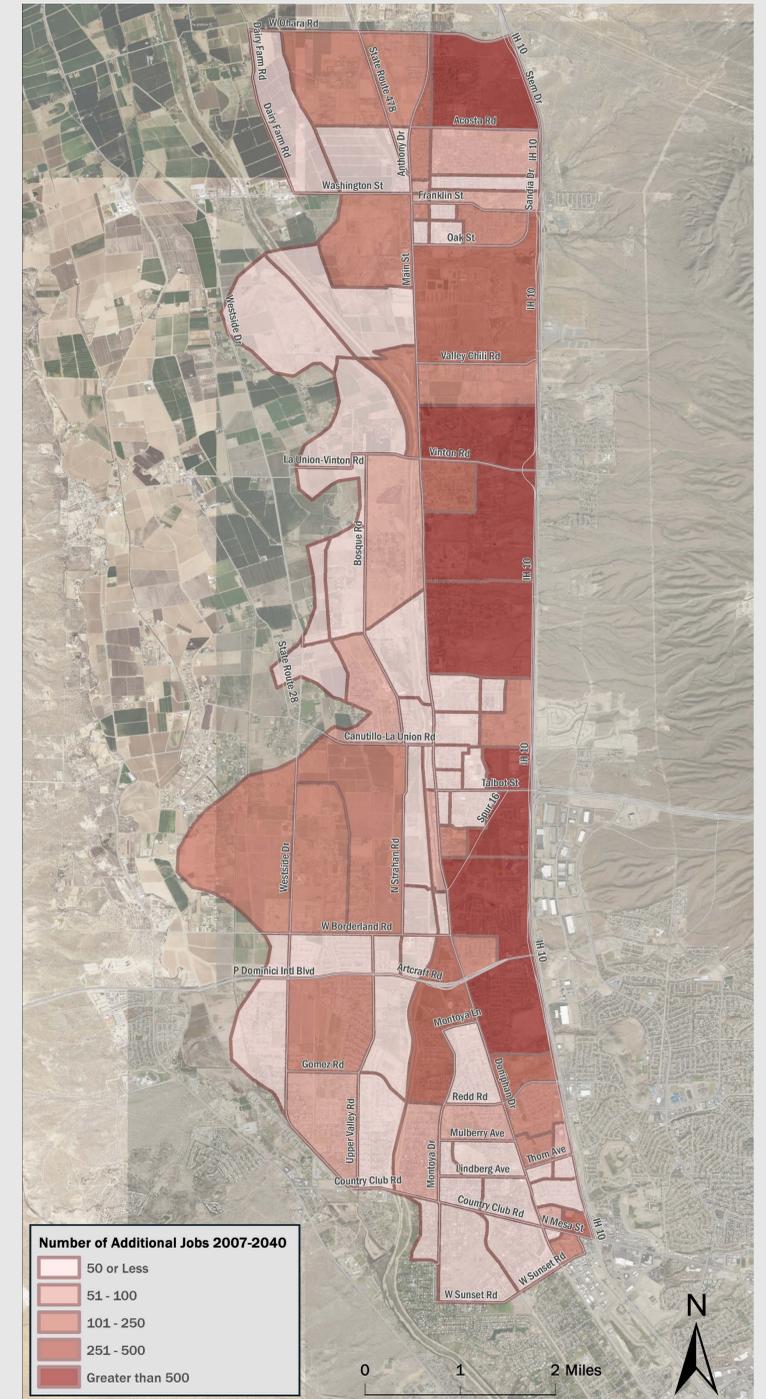
**2015 - 2040 Corridor Growth**

<b>+26,000</b>	Residents
<b>+10,000</b>	Households
<b>+8,000</b>	Jobs

### Population Growth

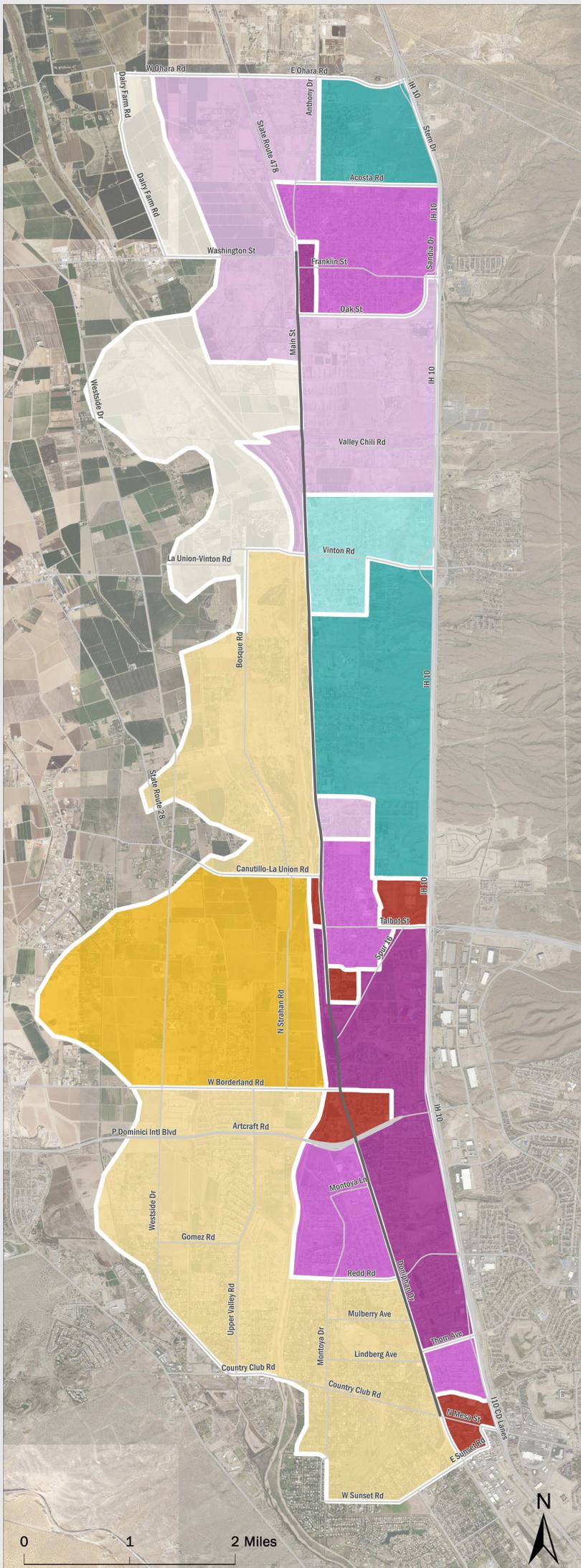


### Employment Growth





## POTENTIAL DEVELOPMENT AREAS



### Residential



**Suburban Estates:** Primarily developed with large-lot single family residential; some small lot infill residential.



**Rural Residential:** Features a mixture of agricultural and residential land uses at low densities.



**Farm Residential:** Low potential for development; likely to remain primarily agricultural.

### Mixed-Use (Infill)



**Corridor Suburban:** Limited potential for large scale development, but some opportunities for mixed use development at a moderate density.



**Infill Residential:** Similar to corridor suburban except that additional growth would be almost entirely moderate density, infill residential.



**Transitional Edge:** An eclectic mix of uses at various scales; most closely resembles existing development patterns in the northern portion of the study area.

### Mixed-Use (New)



**Town Center:** Opportunity for moderate density residential and mixed use.



**Neighborhood Center:** Large-scale planned residential communities and limited mixed use.

### Commercial



**Commercial Center:** Commercial and employment hubs, focused at key intersections within the study area.

Source: Doniphan Study Team 2016



## DONIPHAN DRAINAGE ANALYSIS



PIC. 1: Major Outfall to the Rio Grande River, Doniphan Drive at Vinton Rd



PIC. 2: Upstream of Bridge Class Culvert, Structure No. 17 on Doniphan Drive north of La Mesa Ave.



PIC. 3: Flooding and Silt build up on Doniphan Dr. Near Structure No. 17 on Doniphan Drive north of La Mesa Ave.



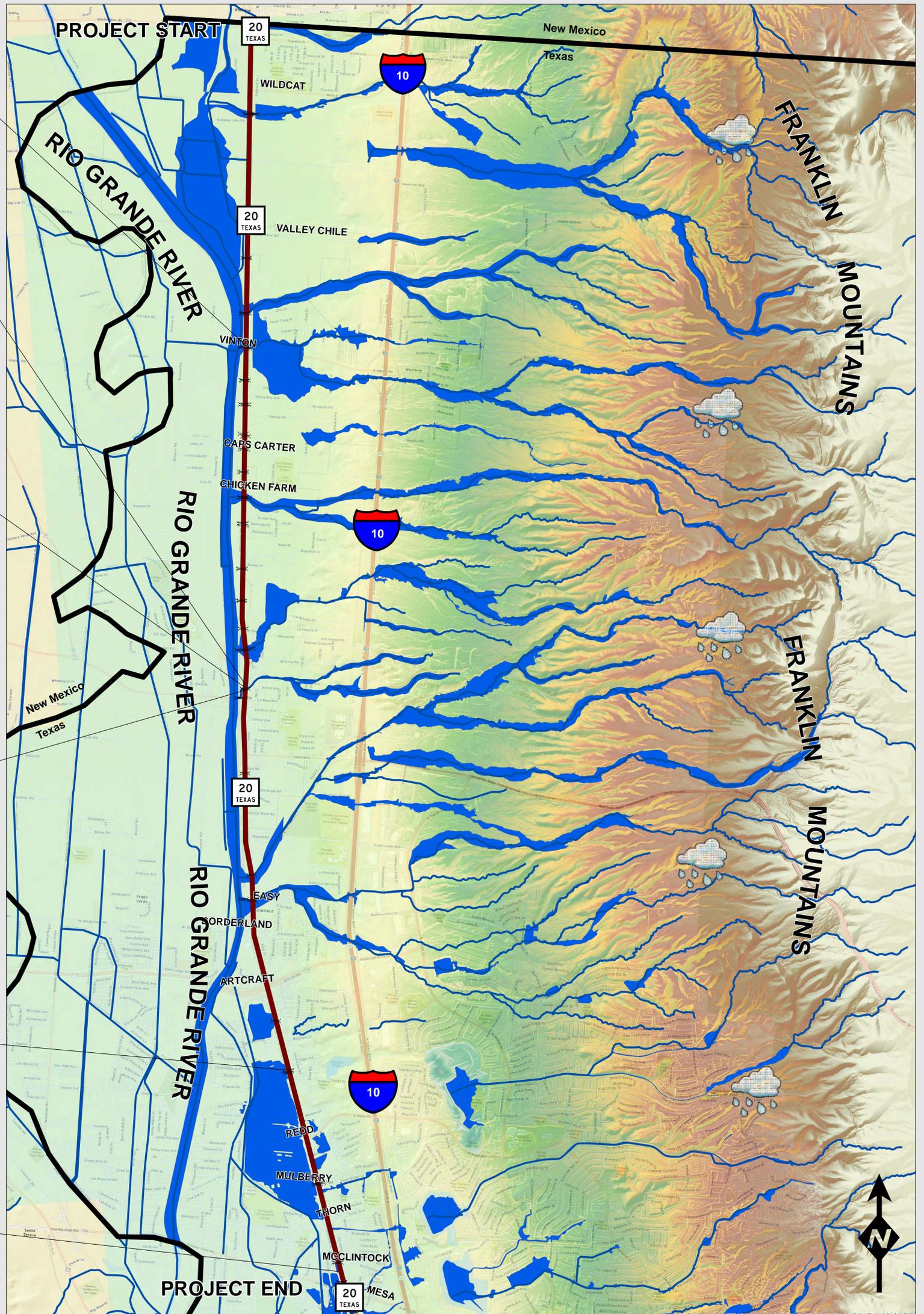
PIC. 4: Flooding and Silt build up on Doniphan Dr. Near Structure No. 17 on Doniphan Drive north of La Mesa Ave.



PIC. 5: Culvert Crossing Under Rail Road, Structure No. 22a west of Doniphan Drive south of Edgar Rd.



PIC. 6: Concrete Channel Collect and Convey Storm Water South of the Project on Doniphan Drive north of N. Mesa St.







## Lighting



Please use dots to indicate which features you want to see in the Doniphan Corridor

Traditional



Pathway lighting



Contemporary

Please use sticky notes to suggest additional ideas:

## Wayfinding Signage



Larger, general destination signage



Smaller, specific destination signage



Lights up at night

Please use sticky notes to suggest additional ideas:

## Community Signage



Smaller community signage



Large community signage



Lights up at night

Please use sticky notes to suggest additional ideas:

## Site Furniture



Traditional



Modern



Ornamental

Please use sticky notes to suggest additional ideas:

## Vegetation



Minimal vegetation with mostly stone



Small vegetation and rocks



Ornamental trees and shrubs

Please use sticky notes to suggest additional ideas:

## Sidewalks



Please use dots to indicate which features you want to see in the Doniphan Corridor

Next to road



Set back from road



Multi-use path

Please use sticky notes to suggest additional ideas:

## Bus Shelter



Bench



Shelter



Enhanced shelter

Please use sticky notes to suggest additional ideas:

## Bike Lanes



Shared lane



Designated bike lane



Barrier-separated

Please use sticky notes to suggest additional ideas:

## Types of Transit Service



Demand-responsive transit



Fixed route (standard bus)



Rail transit

Please use sticky notes to suggest additional ideas:

## Trail Connections



Directions to get to trail



Entrance signage to trail



Trail-head with map

Please use sticky notes to suggest additional ideas:

## Parking Types For Businesses



Parallel parking



Angled parking



Parking lots

Please use sticky notes to suggest additional ideas:

## Neighborhood Connectivity



Street closure



Pedestrian/bike connections



Street connections/ extensions

Please use sticky notes to suggest additional ideas:

## Driveways



No access management



Driveway definition



Driveway consolidation/ closure

Please use sticky notes to suggest additional ideas:

## Architectural Character



Please use dots to indicate which features you want to see in the Doniphan Corridor

Southwestern



Modern



Traditional

Please use sticky notes to suggest additional ideas:

## Places of Activity



Functional



Active spaces



Passive spaces

Please use sticky notes to suggest additional ideas:

## Development Density



Low density



Medium density



High density

Please use sticky notes to suggest additional ideas:

## Small Space Opportunities



Open and paved



Seating area with vegetation



Stormwater oriented

Please use sticky notes to suggest additional ideas:

## Railroad Crossing Upgrades



Signage



Arms and lights for cars



Arms and lights for cars and people

Please use sticky notes to suggest additional ideas:

## Pedestrians Upgrades Along Rail



Rail-Barrier



Safe paved crossing over tracks



Separation from rail with vegetation

Please use sticky notes to suggest additional ideas:

## Pedestrian / Bike Crossing



Patterned pavement



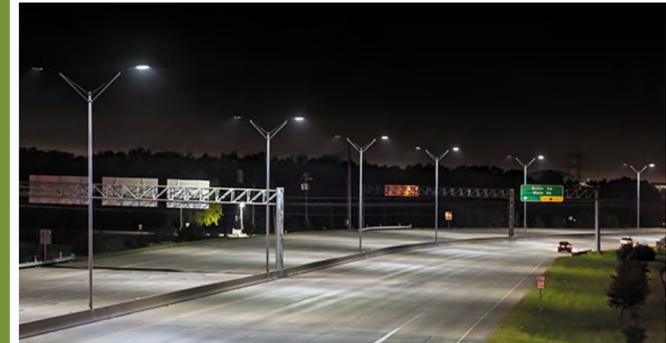
Curb extensions



Mid - block crossing

Please use sticky notes to suggest additional ideas:

## Lighting



Continuous



Intersections only



Pedestrian path

Please use sticky notes to suggest additional ideas:

## Medians



Flush



Raised



Bioswale/  
depressed

Please use sticky notes to suggest additional ideas:

## Intersections



Standard



Roundabout



Innovative  
intersection

Please use sticky notes to suggest additional ideas:

## Traffic Signals



Standard



Decorative



Enhanced

Please use sticky notes to suggest additional ideas:

## Signage



Minimal



Standard



Significant

Please use sticky notes to suggest additional ideas:



# HOW TO SUBMIT COMMENTS

## 1) Today at the Open House:

Fill out a comment form and drop it in the comment box

## 2) Mail:

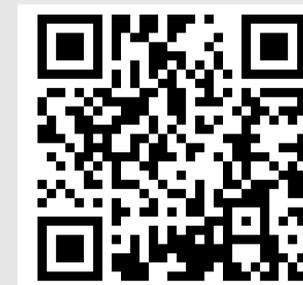
Texas Department of Transportation  
Re: Doniphan Drive Corridor Plan  
c/o Gus Sanchez - Project Manager  
13301 Gateway Boulevard West  
El Paso, Texas 79928-5410

## 3) Email:

[Doniphan.Study@jacobs.com](mailto:Doniphan.Study@jacobs.com)

## 4) Online:

Please visit [www.txdot.gov](http://www.txdot.gov), keyword “Doniphan Drive” or scan this code with your smart phone or tablet.



*All comments must be postmarked by **October 11, 2016** to be part of the official record of the Public Meeting.*