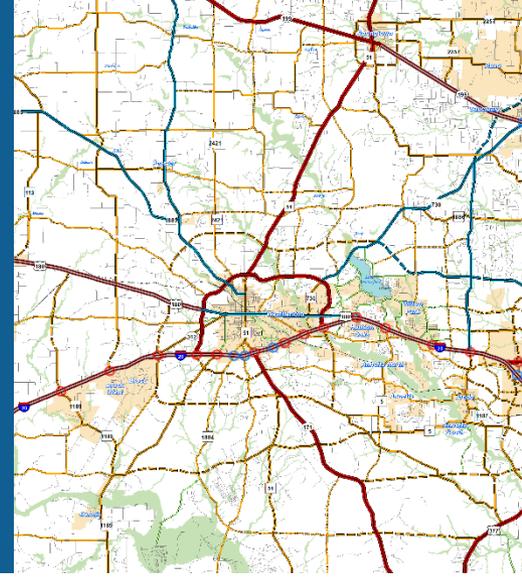




**FREESE  
AND  
NICHOLS**



PARKER COUNTY  
TRANSPORTATION BOND  
*Driving  
Forward*



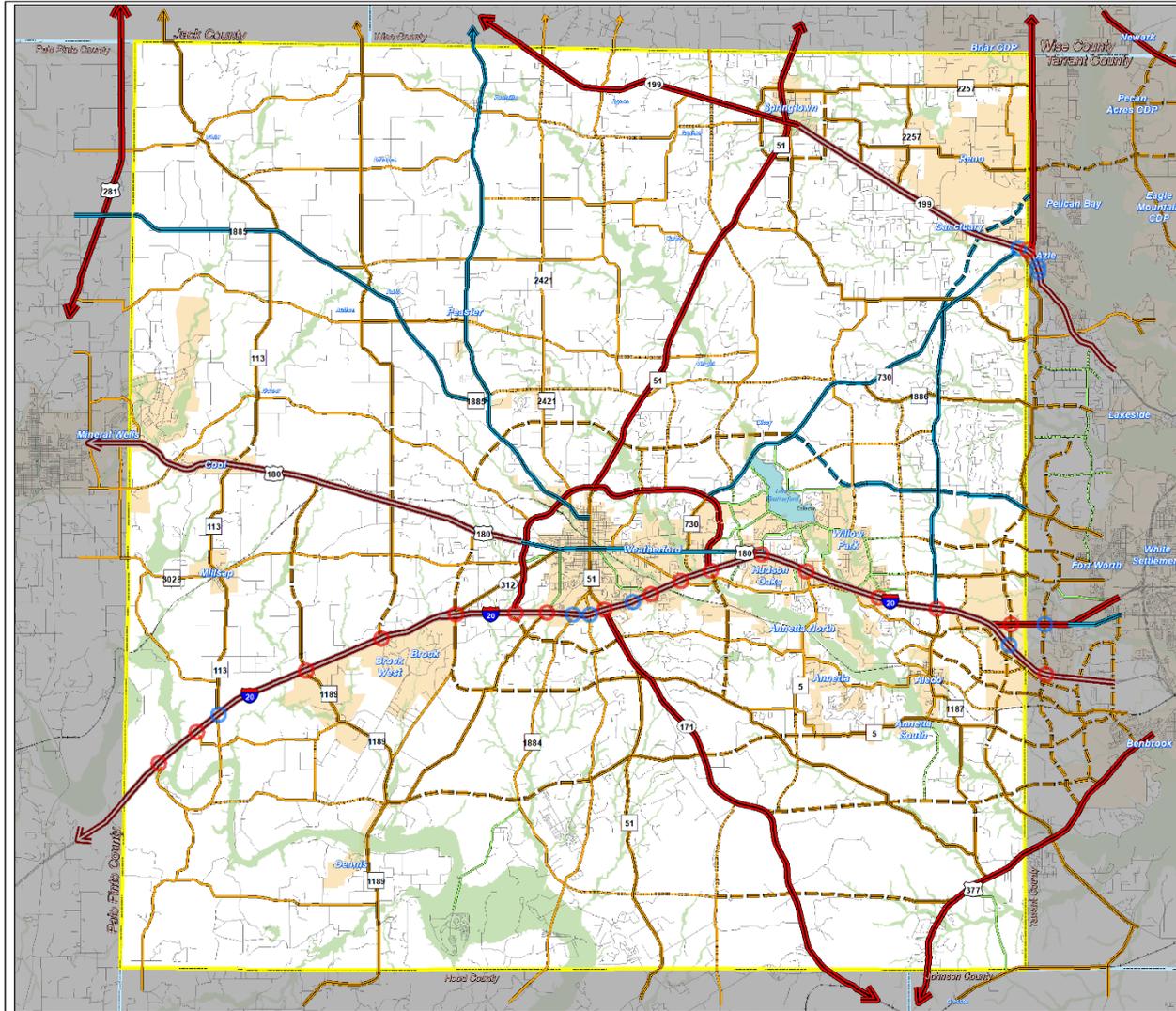
# Parker County Thoroughfare Plan

**Town Hall Meeting**

HUDSON OAKS

**JANUARY 14, 2020**

# 2018 Thoroughfare Plan



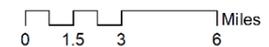
## Parker County Thoroughfare Plan



### Parker County Thoroughfare Alignments

#### Road Types

- Freeway
- Highway
- Principal Arterial 4 to 6 Lane Divided (100' to 160' ROW)
- Major Arterial 4 to 6 Lane Divided (100' to 120' ROW)
- Minor Arterial 2 to 4 Lane (80' to 100')
- Collector 2 to 3 Lane (60' to 80' ROW)
- Interchange
- Grade Separation
- Parker County
- Area City Limits
- 1-Percent Flood Risk Zones (FEMA)



Created By: Freese & Nichols, Inc.  
 1200 West 10th Street, Suite 100  
 Fort Worth, Texas 76104  
 817.335.1100  
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## Plan Purpose

- Role as Policy Document
- Long Range in Scope
- Defined Roadway Functional Classification
- ROW Preservation
- Thoroughfare Plan Map
- Living Document

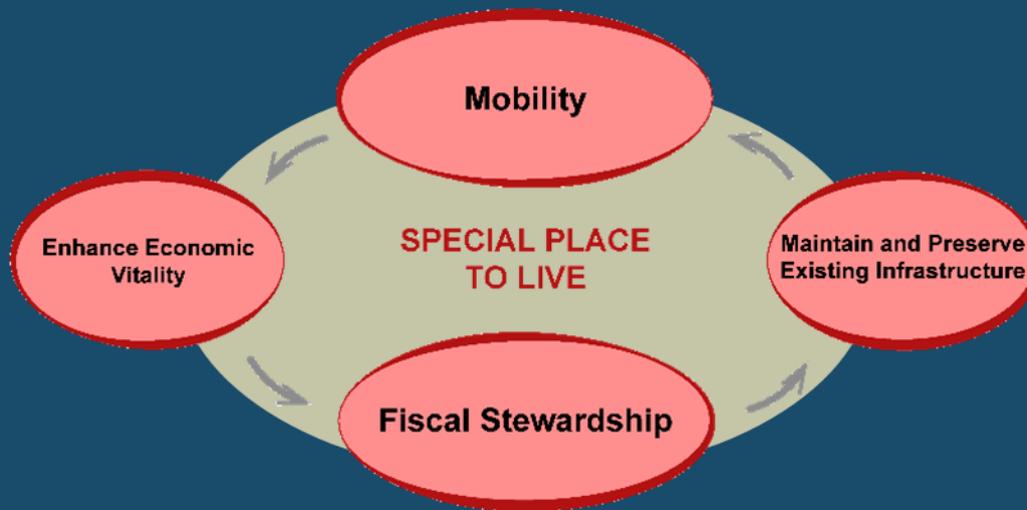
**“A [Thoroughfare] plan is a statement of intention, not a guarantee of action.”**

Source: 2016 Montgomery County Thoroughfare Plan, HGAC.



# Vision Statement

*Parker County will feature a system of thoroughfare and corridors that promotes mobility, connectivity and safety, maintains and improves our existing infrastructure, leverages economic benefit to sustain its long-term viability in a fiscally responsible manner. Together, these ideals promote Parker County as a special place to live.*





## Thoroughfare Plan Development

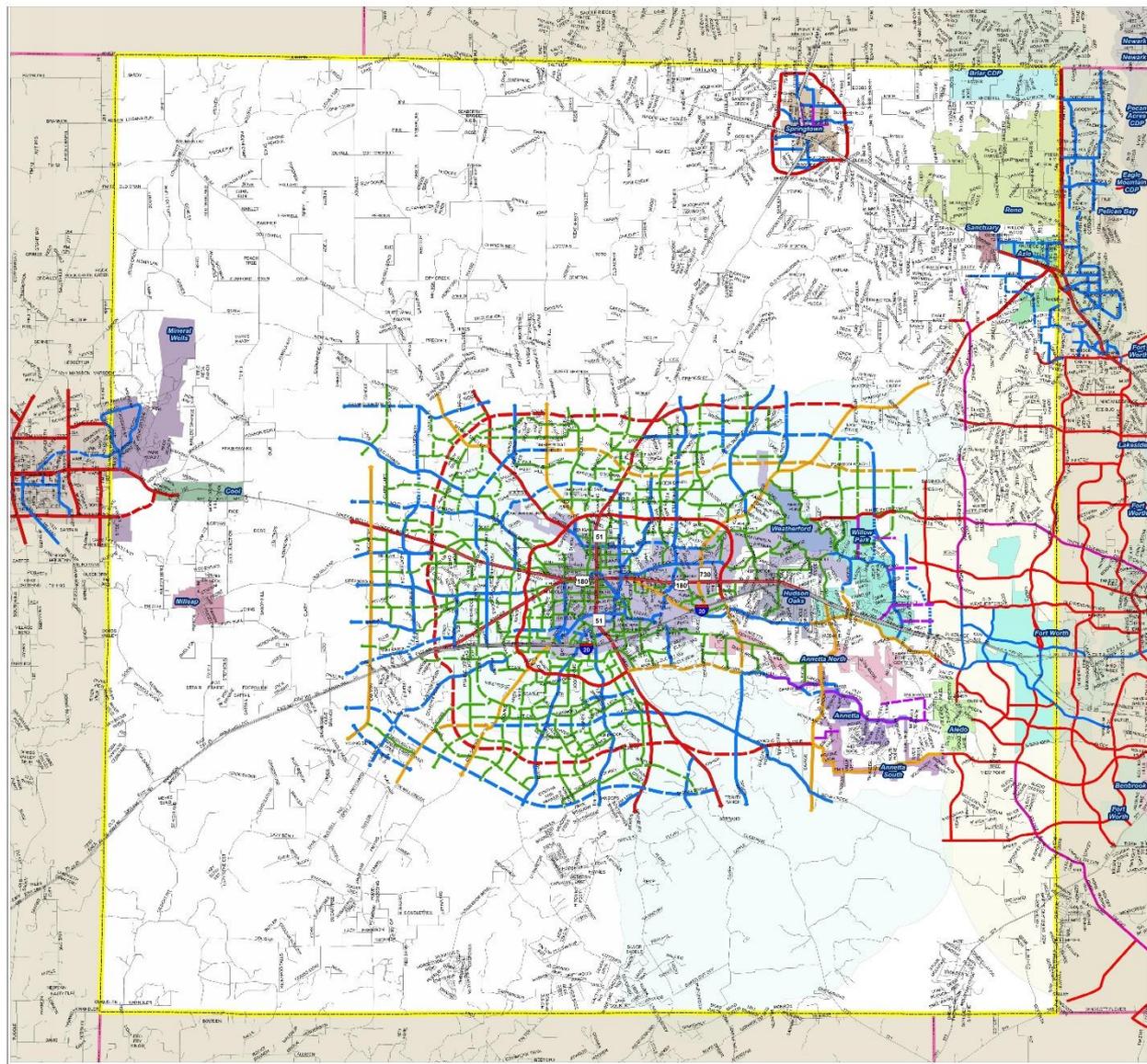
- Existing Network and 2010 Planning
- Updated Planning Initiatives (City Plans, Agency Planning and County Planning)
- Stakeholder Input/Issues Identification
- Approved Master Development Plans
- NCTCOG 2040/2045 TDM

## Functional Based Plan

- Focused on arterial network
- Leverages existing corridors
- Considers: plans, floodplains and existing development
- Network connectivity



# Planning for Growth: Current City Thoroughfare Plans



## Parker County Transportation Thoroughfare Mapping



### Parker County City Maps

#### Fort Worth MTP

- Activity Street
- Commercial Connector
- Commercial/ Mixed Use
- Neighborhood Connector
- System Link

#### Mineral Wells

- Freeway
- Major Arterial
- - Major Arterial (proposed)
- Collector
- - Collector (proposed)

#### Azle

- Freeway
- Major Arterial
- Collector
- - Collector (proposed)

#### Annetta South

- Freeway
- Minor Arterial

#### Annetta North

- Freeway
- Minor Arterial
- Minor Collector
- - Minor Collector (proposed)

#### Springtown

- Freeway
- Arterial
- Major Collector
- Minor Collector
- shade

- Parker County
- Weatherford City Limits
- Weatherford Two-Mile ETJ
- Fort Worth ETJ

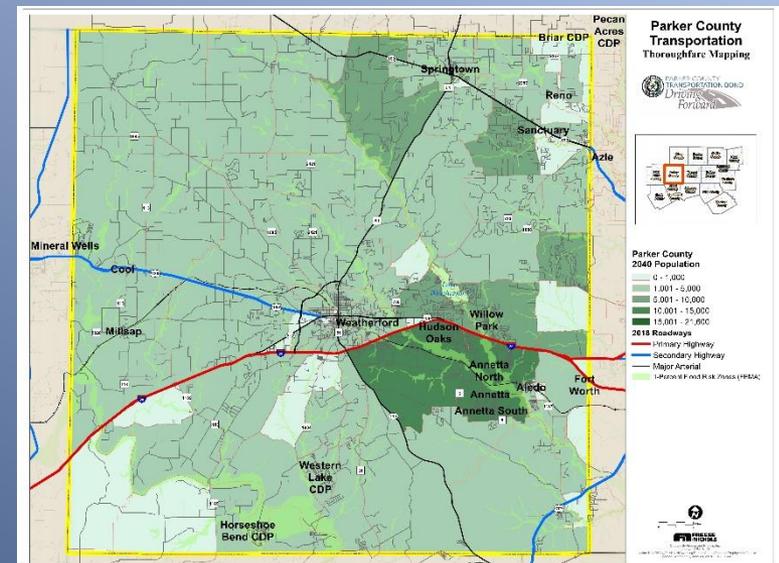
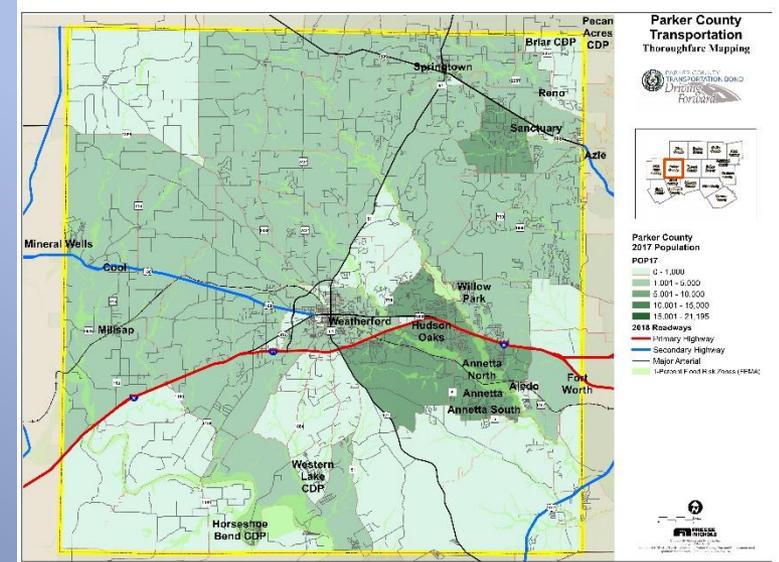


Created by F. W. FREESLE NICKOLS, INC.  
200 West Broadway  
Location: H:\PROMAL\_PLANNING\Driving Parker County City Plan Mapping  
Updated: Wednesday, June 11, 2014 2:27:50 PM

# Growth



- 2010 Population: **116,927**
- 2017 Population: **133,463 (+14%)**
- Forecasted Population\*:
  - 2040: **195,286**
  - 2045: **206,811 (+5.9%)**
- Net Growth (2017-2040)
  - Population: **61,800**

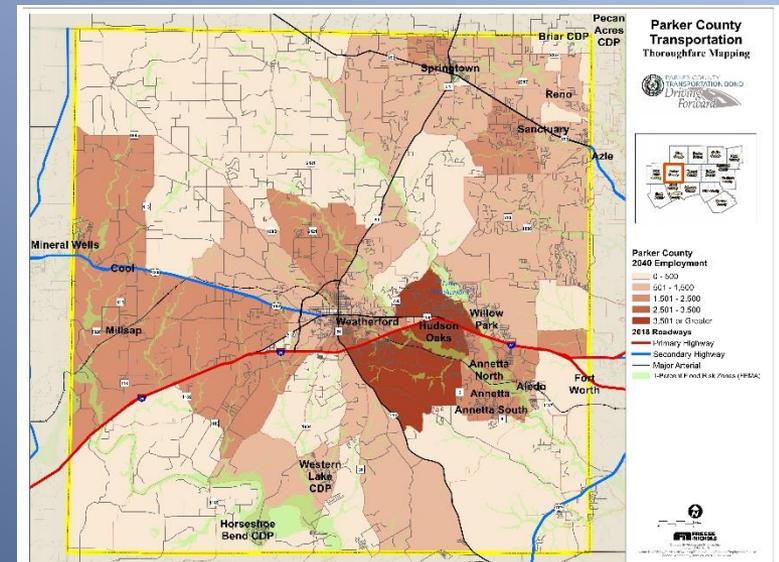
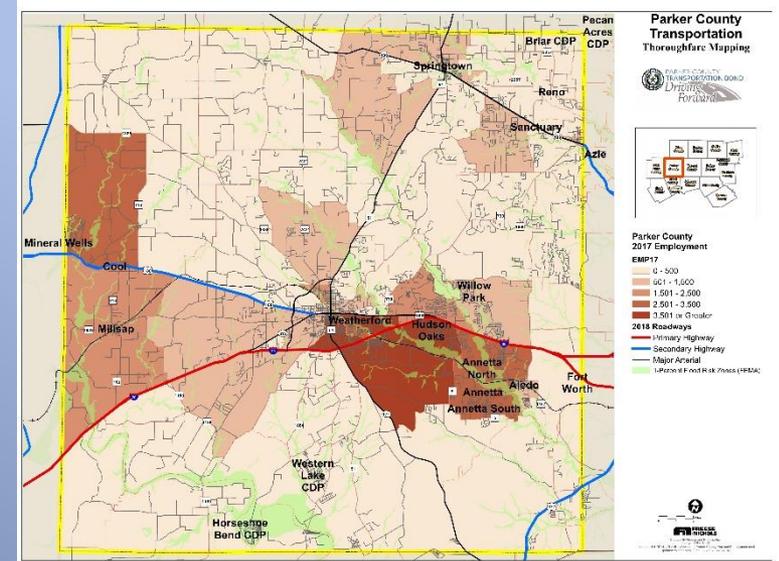


Source: US Census Quick Facts  
\* NCTCOG 2045 Demographic Forecast

# Growth

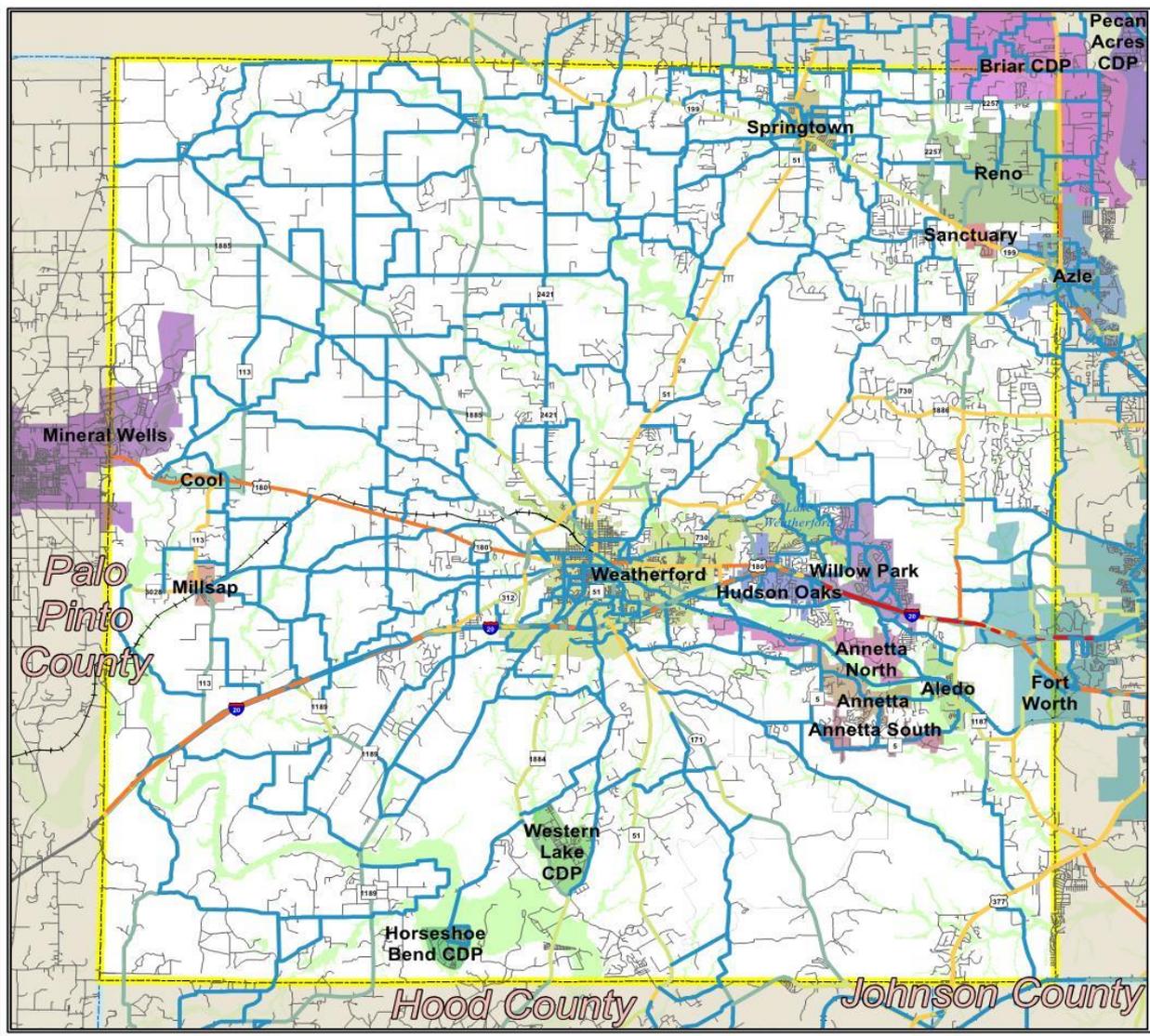


- 2010 Employment: **54,469**
- 2017 Employment: **62,665 (+15%)**
- Forecasted Employment\*:
  - 2040: **80,404**
  - 2045: **86,883 (+8%)**
- Net Growth (2017-2040)
  - Employment: **17,739**



Source: US Census Quick Facts  
\* NCTCOG 2045 Demographic Forecast

# Growth



## Parker County Transportation Thoroughfare Mapping



- Parker County 2040 Daily Volumes**
- 0 - 5,000 ADT
  - 5,001 - 10,000 ADT
  - 10,001 - 15,000 ADT
  - 15,001 - 30,000 ADT
  - 30,001 - 50,000 ADT
  - Greater than 50,000 ADT
  - 1-Percent Flood Risk Zones (FEMA)



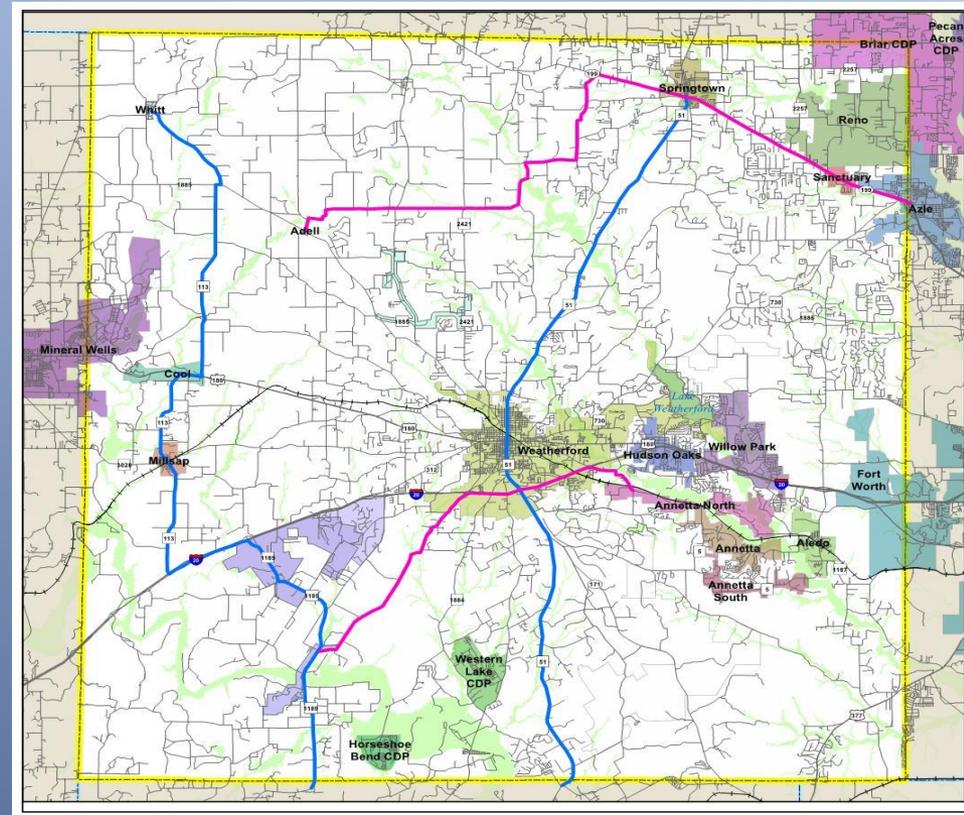
Created by Fresse & Nichols, Inc.  
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 Updated: Wednesday, June 27, 2018 11:25:58 PM

# Issues and Needs: Mobility and Connectivity Issues



## Mobility

- Limited north to south connectivity
  - Few contiguous routes
  - Blue lines illustrate the most direct routes from Whitt or Springtown to Hood County
- Limited east to west connectivity
  - Few contiguous east to west routes in the northern Parker County
  - IH 20 is the only routes contiguous east to west across the county



# Issues and Needs: Safety

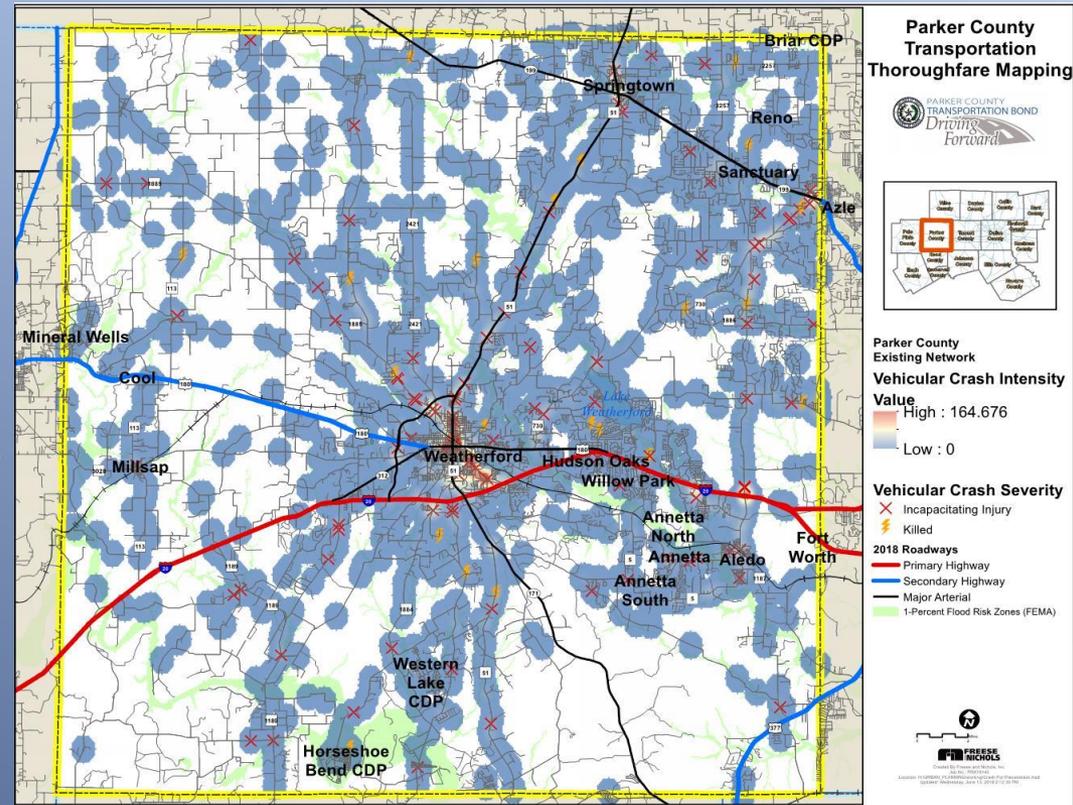


## High Crash Corridors (2013 – 2017)

- IH 20 – 2,027 Collisions
- US 180 – 1,090 Collisions
- SH 171 – 929 Collisions
- FM 51 – 856 Collisions
- SH 199 – 701 Collisions

11,712 Collisions county-wide

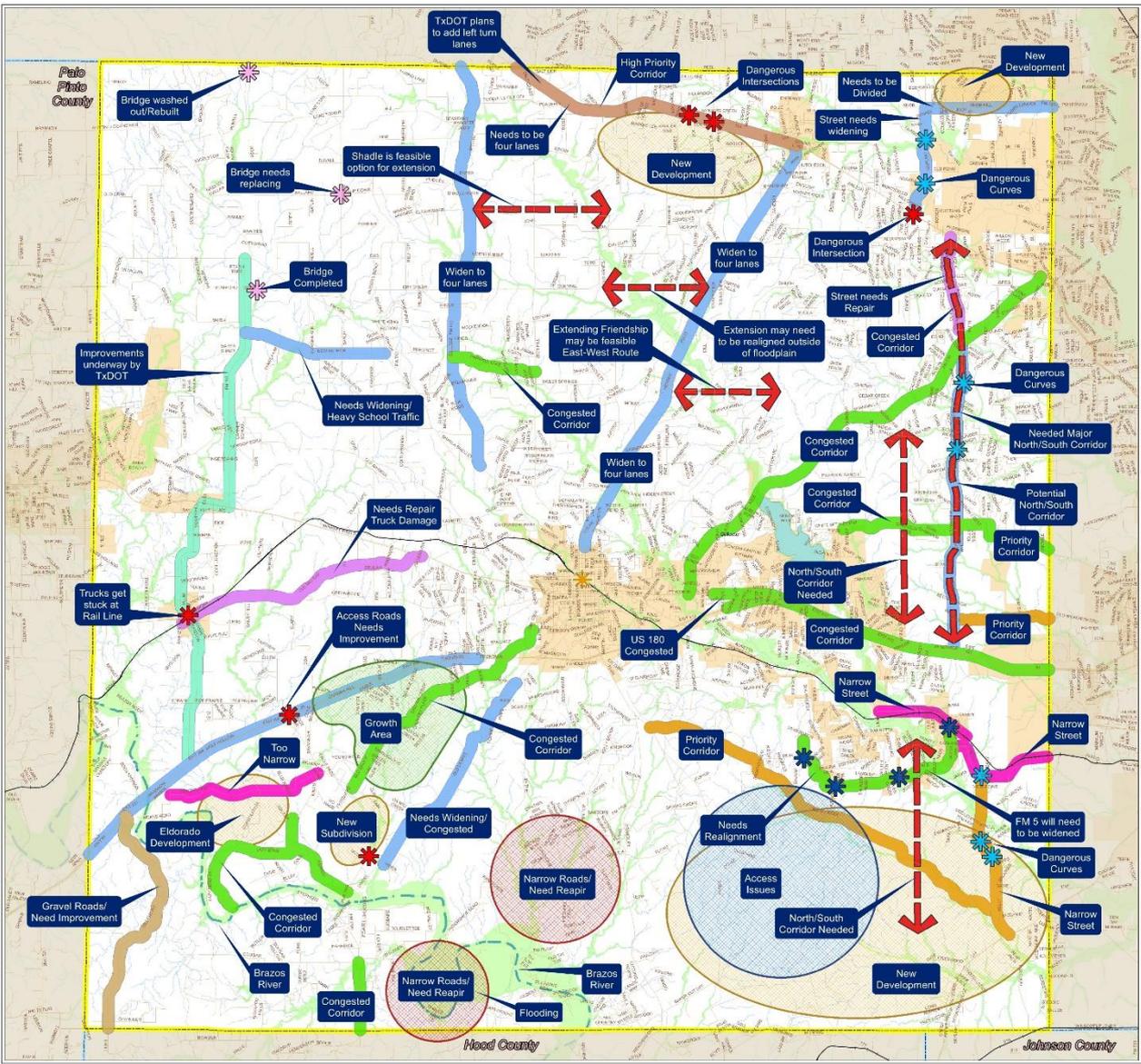
92 total Fatalities



# Issues and Needs: Thoroughfare Issues



## Parker County Transportation Thoroughfare Mapping



### Parker County Issues Map

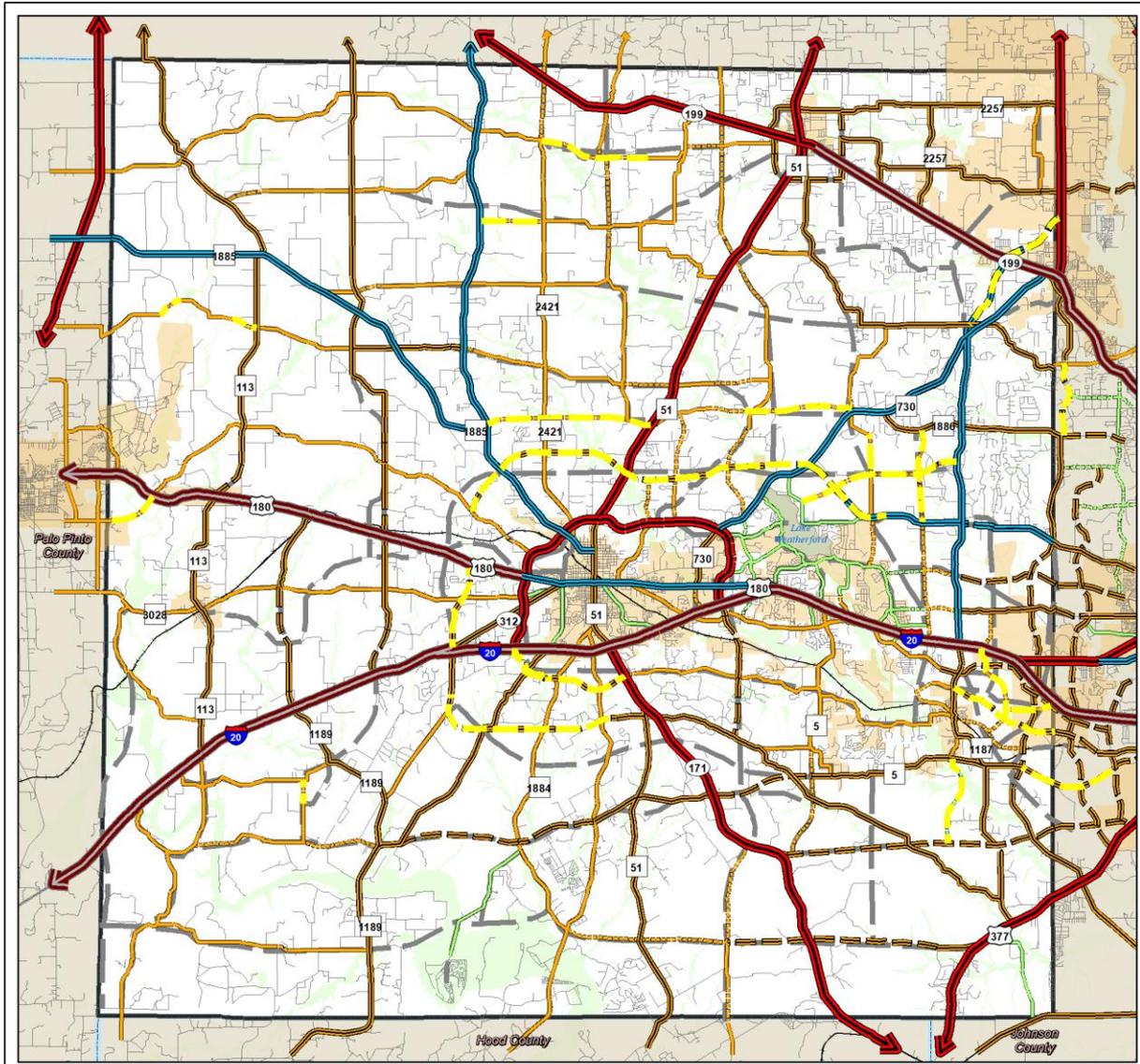
- Bridge Replaced
- Congested Intersection
- Dangerous Curve
- Dangerous Intersection
- Brazos River
- Streams NCTCOG
- Access Issues
- Backage Roads Needed
- Congested Corridor
- Dangerous Curves
- Growth Area
- Gravel Roads need Improving
- Narrow Streets
- New Development
- Needed Corridors
- Narrow Streets/Need Repair
- Street Needs Widening
- Priority Corridor
- Streets need Repair
- TxDOT Improvements Underway
- 1-Percent Flood Risk Zones (FEMA)
- Area City Limits



Created by Freese Nichols, Inc. 314-761-1418  
 Location: 14500 W. 14th St., P.O. Box 1000, Parker County, Texas 76010, 14500 West  
 Updated: December, April 24, 2018 11:04:14 AM



# Planning for Growth: Network Additions



## Parker County Transportation Thoroughfare Mapping



## Parker County Thoroughfare Network Amendments

- Freeway
- Highway
- Principal Arterial
- Major Arterial
- Minor Arterial
- Collector
- Network Additions
- Removed Segments
- 1-Percent Flood Risk Zones (FEMA)

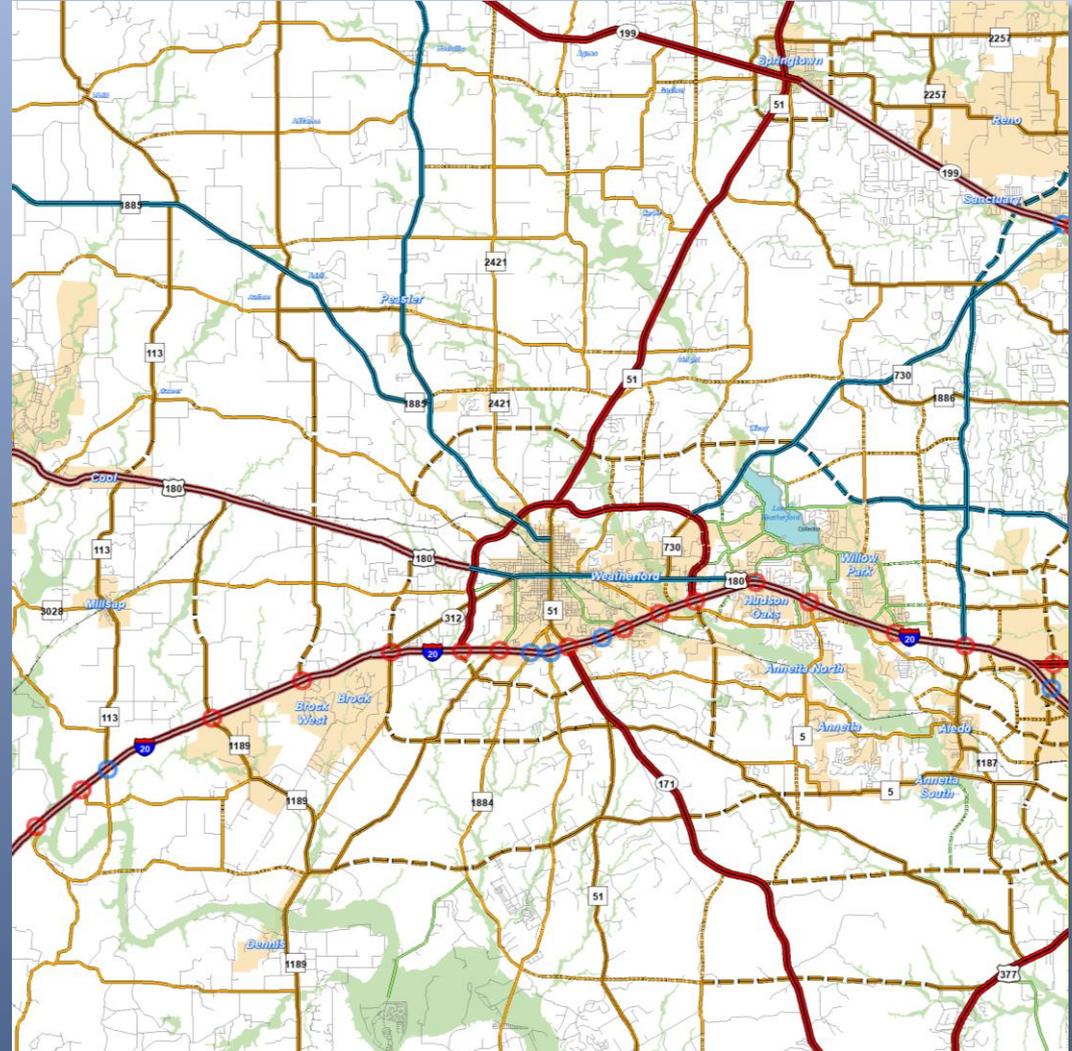


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Updated: Thursday, January 8, 2020 10:42:10 AM

# Steps Forward

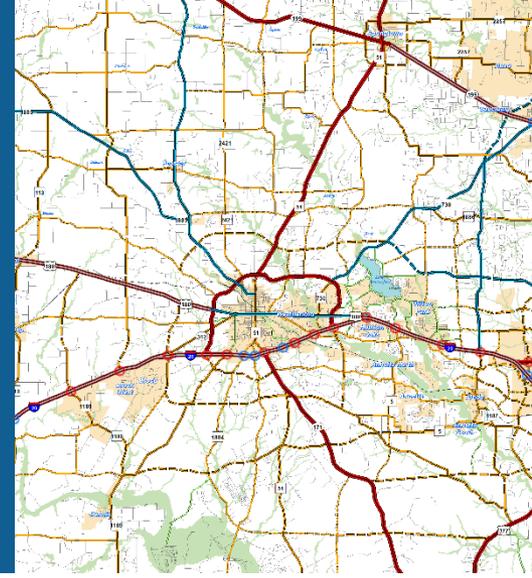


- Collect Town Hall Comments
- Comments Summary
- Coordinate Input with Commissioners Court





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PARKER COUNTY  
TRANSPORTATION BOND  
*Driving  
Forward*



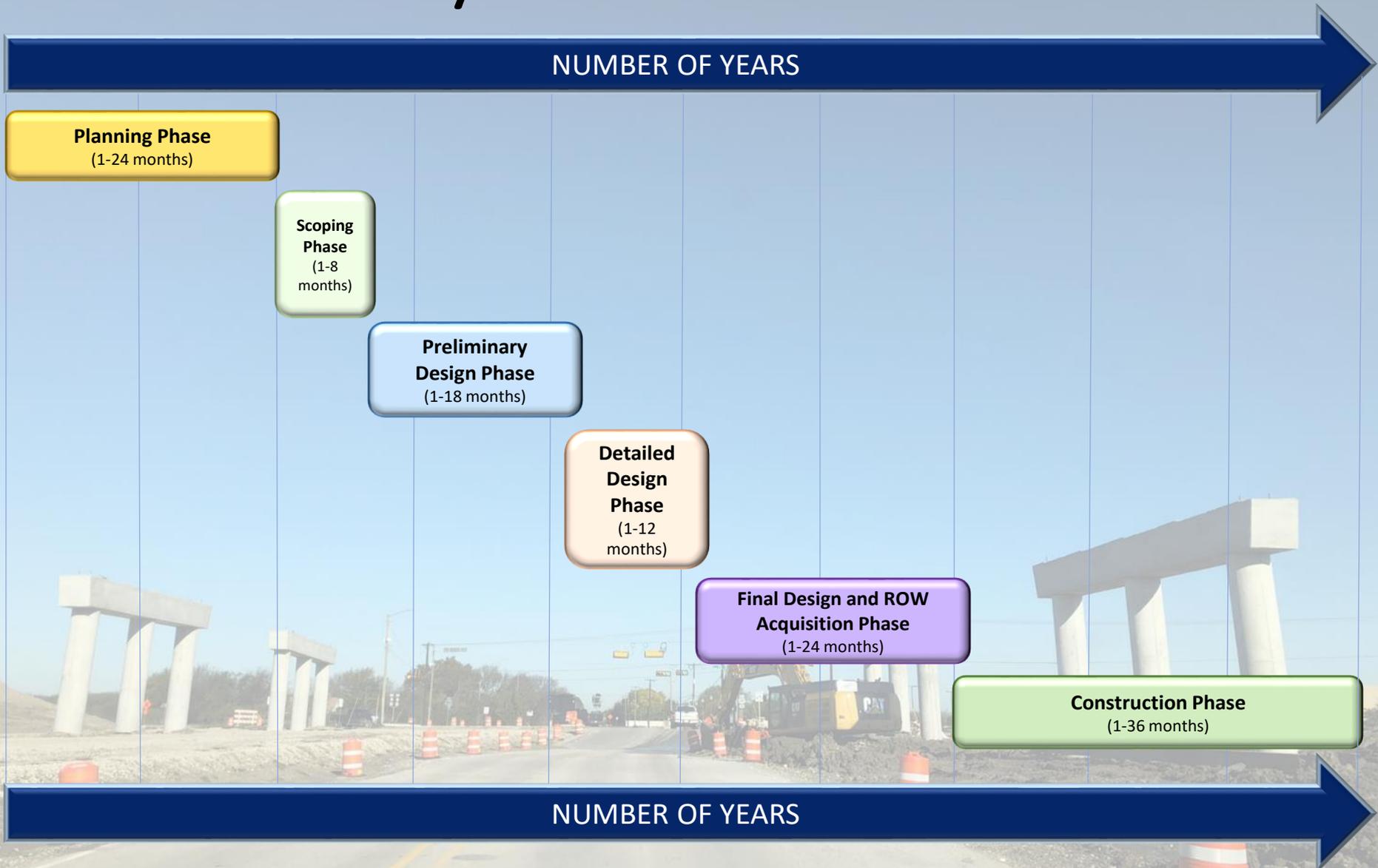
# Parker County Thoroughfare Plan

**Town Hall Meeting**

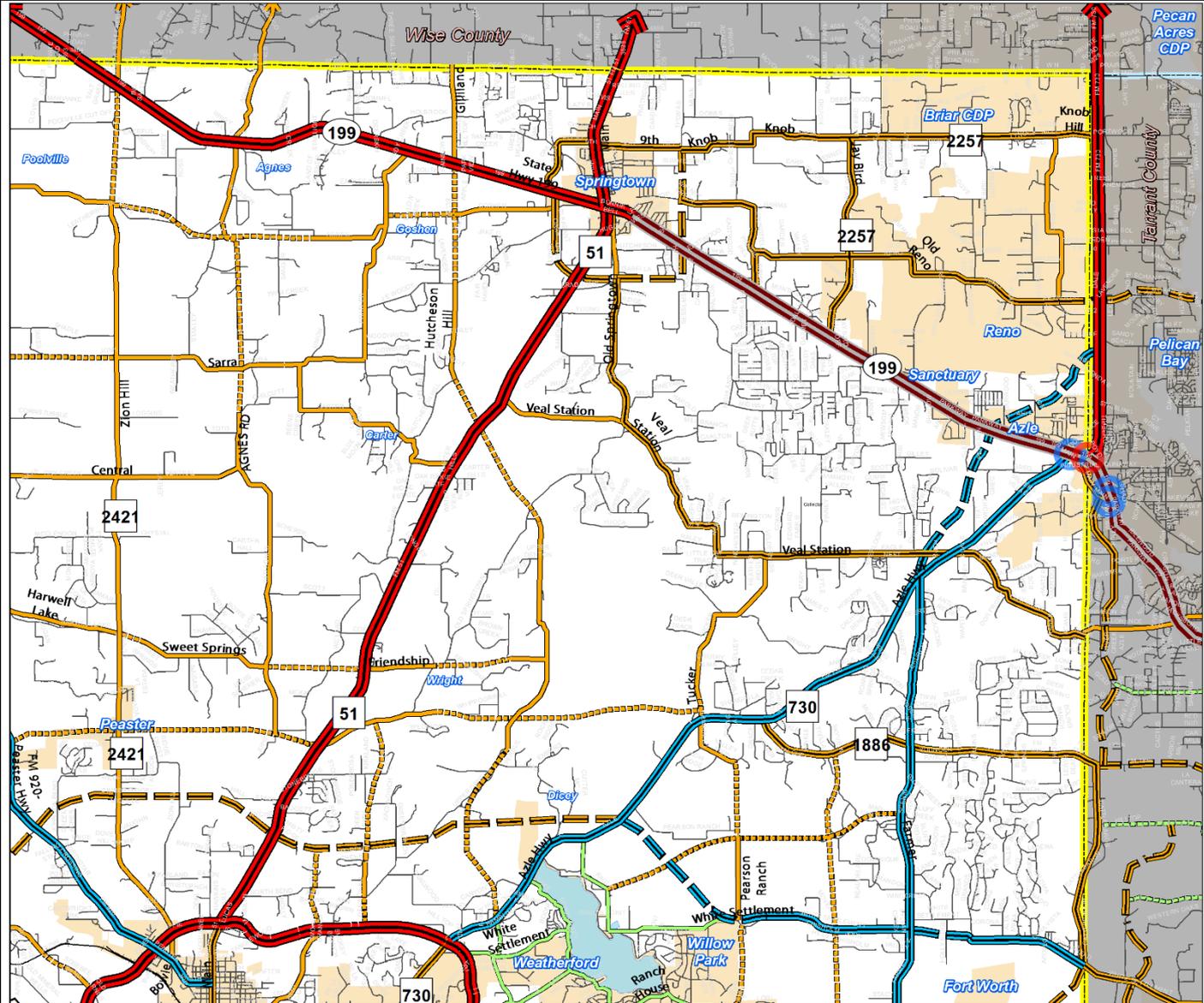
HUDSON OAKS

**JANUARY 14, 2020**

# Roadway Construction Timeline



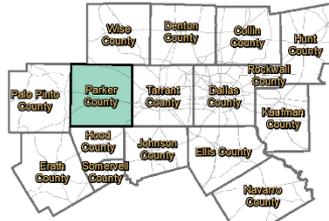
# Planning for Growth: 2018 Thoroughfare Plan



## Parker County Thoroughfare Plan Northeast

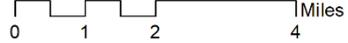


PARKER COUNTY  
TRANSPORTATION BOND  
*Driving Forward*



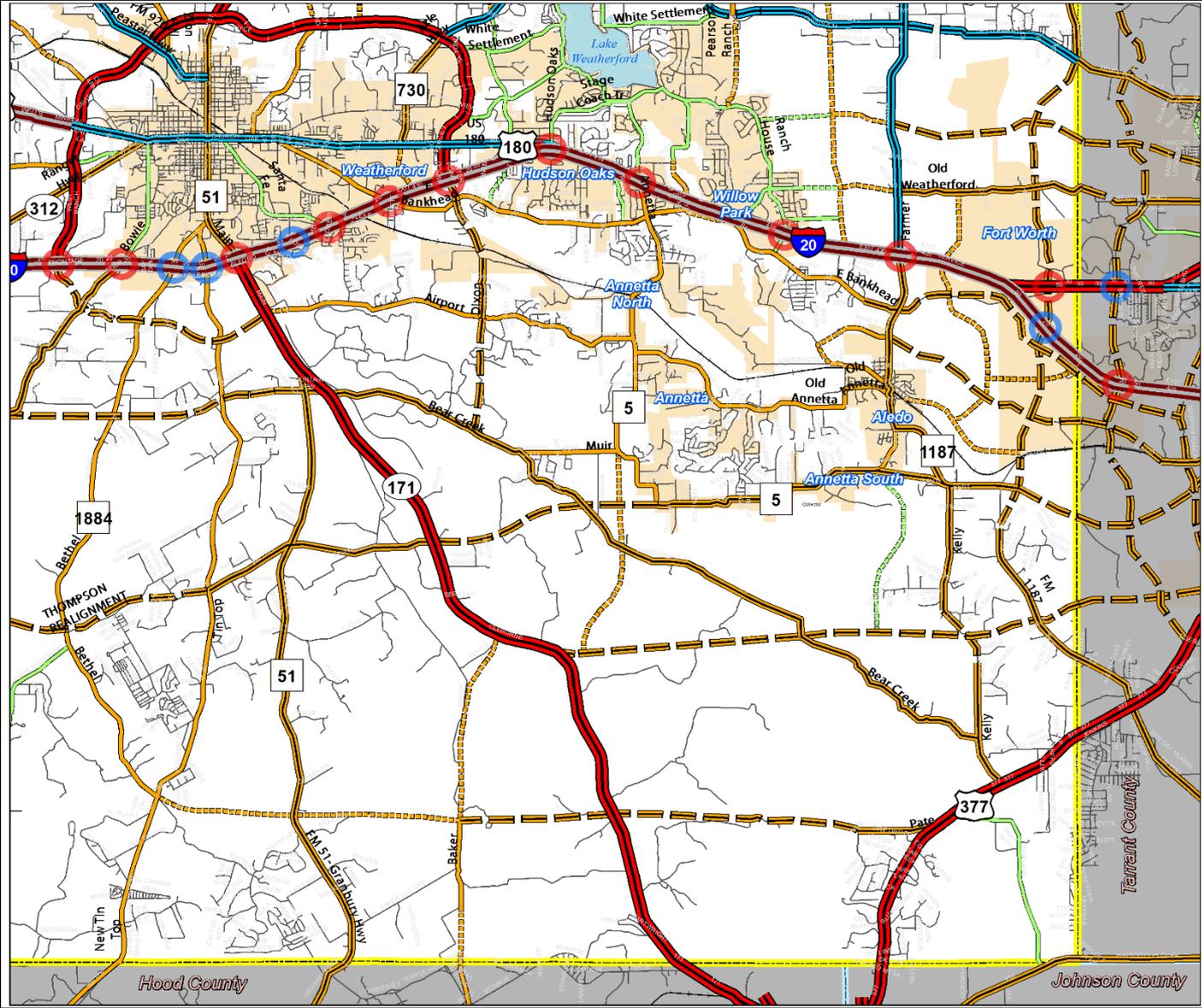
### Parker County Thoroughfare Alignments

- Road Types**
- Freeway
  - Highway
  - Principal Arterial 4 to 6 Lane Divided (100' to 160' ROW)
  - Major Arterial 4 to 6 Lane Divided (100' to 120' ROW)
  - Minor Arterial 2 to 4 Lane (80' to 100')
  - Collector 2 to 3 Lane (60' to 80' ROW)
- Interchange**
- Interchange
  - Grade Separation
- Other Symbols**
- Parker County
  - Area City Limits



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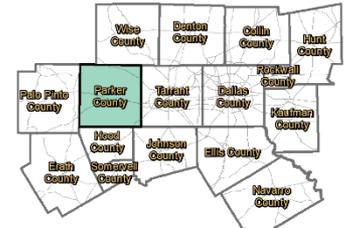
# Planning for Growth: 2018 Thoroughfare Plan



## Parker County Thoroughfare Plan Southeast



PARKER COUNTY  
TRANSPORTATION BOND  
*Driving Forward*



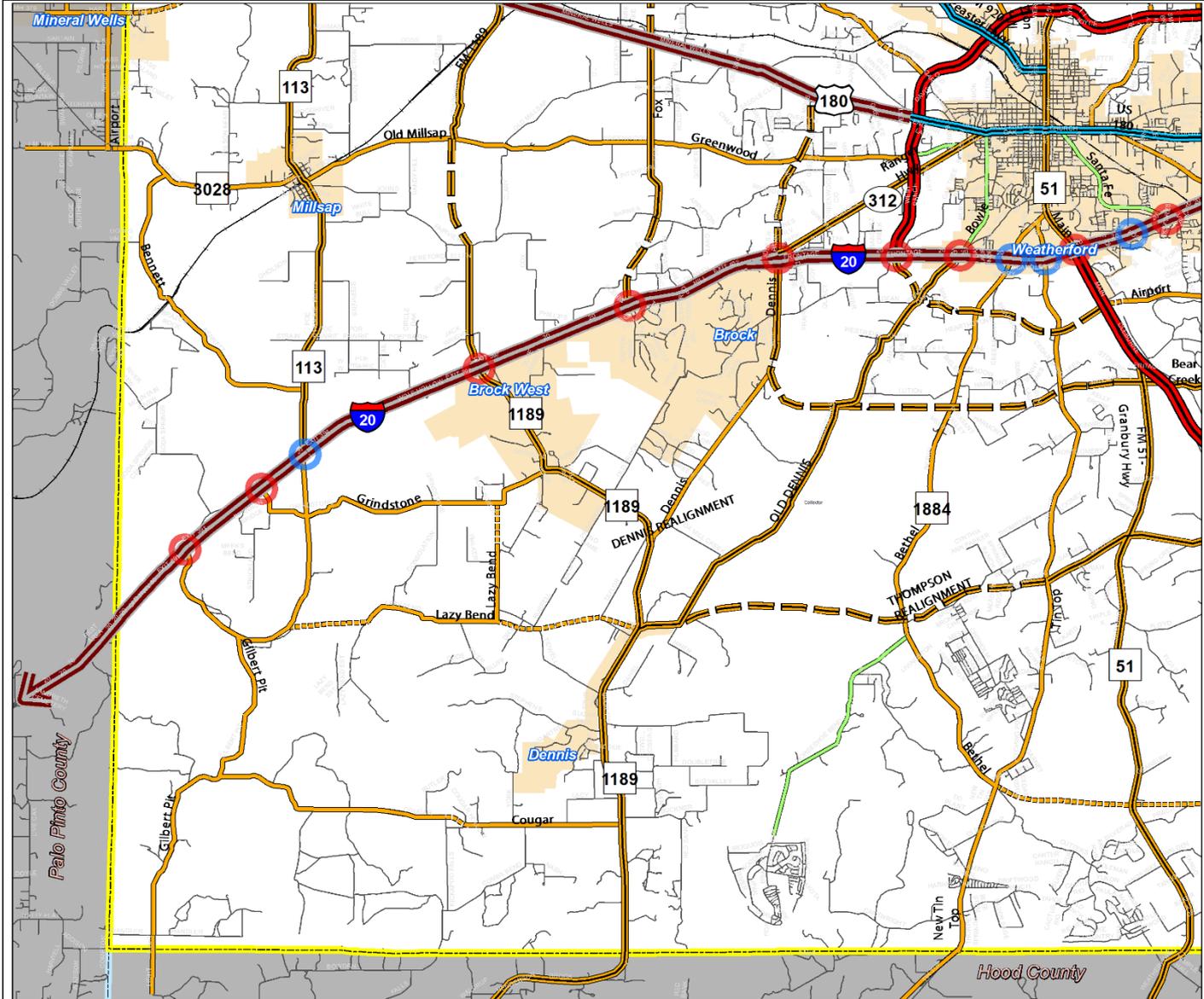
### Parker County Thoroughfare Alignments

- Road Types**
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  - Highway
  - Principal Arterial 4 to 6 Lane Divided (100' to 160' ROW)
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  - Minor Arterial 2 to 4 Lane (80' to 100')
  - Collector 2 to 3 Lane (60' to 80' ROW)
- Interchange**
- Interchange
  - Grade Separation
- Other Symbols**
- Parker County
  - Area City Limits
- Scale**
- 0 1 2 4 Miles





# Planning for Growth: 2018 Thoroughfare Plan

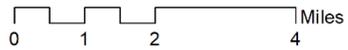


## Parker County Thoroughfare Plan Southwest



### Parker County Thoroughfare Alignments

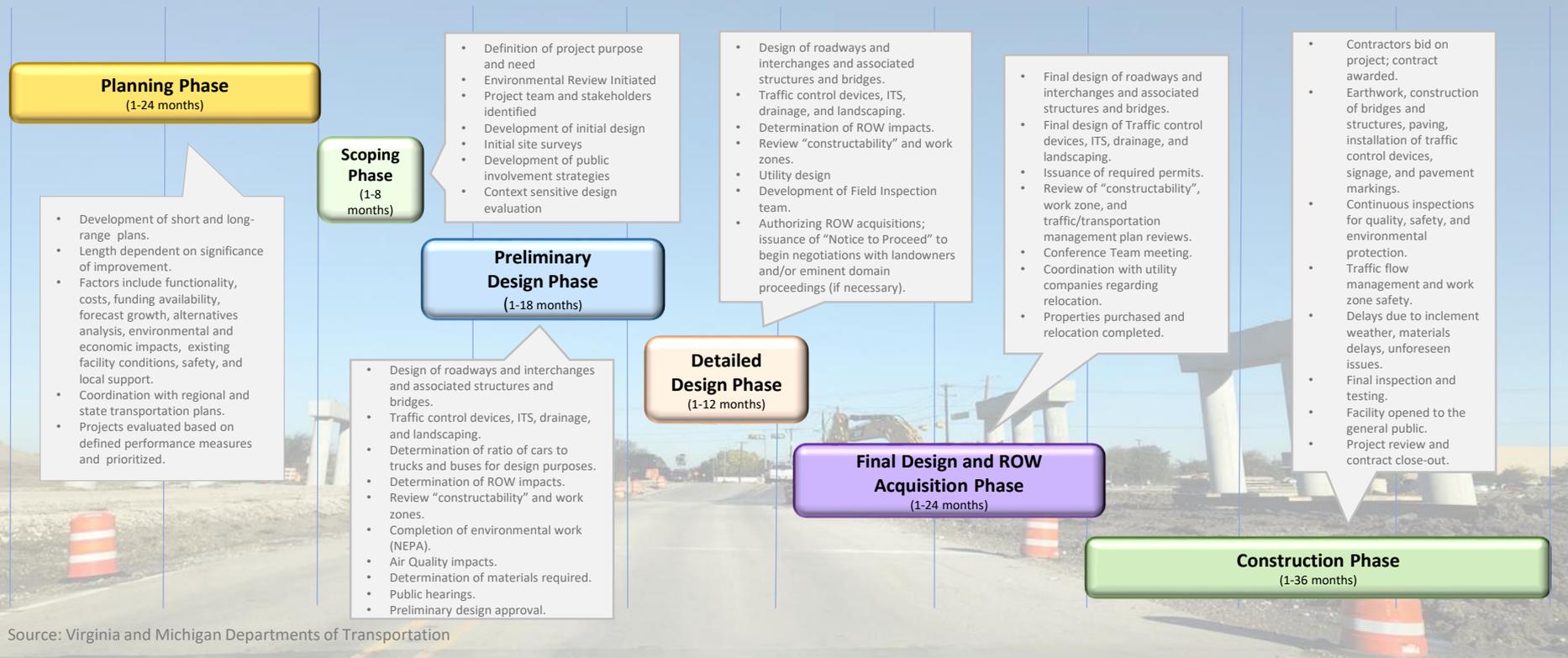
- Road Types**
- Freeway
  - Highway
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  - Major Arterial 4 to 6 Lane Divided (100' to 120' ROW)
  - Minor Arterial 2 to 4 Lane (80' to 100')
  - Collector 2 to 3 Lane (60' to 80' ROW)
- Interchange**
- Interchange
  - Grade Separation
- Other Symbols**
- Parker County
  - Area City Limits



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Date: 08/15/2018  
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Printed: 08/15/2018 10:11 AM

# Roadway Construction Timeline

Number of Years



Source: Virginia and Michigan Departments of Transportation