## SH 199 Corridor Master Plan Volume II – Mapping



North Central Texas
Council of Governments

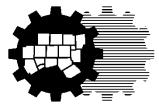
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### What is NCTCOG?

The North Central Texas Council of Governments is a voluntary association of cities, counties, school districts, and special districts which was established in January 1966 to assist local governments in planning for common needs, cooperating for mutual benefit, and coordinating for sound regional development.

It serves a 16-county metropolitan region centered around the two urban centers of Dallas and Fort Worth. Currently the Council has 236 members, including 16 counties, 168 cities, 24 independent school districts, and 28 special districts. The area of the region is approximately 12,800 square miles, which is larger than nine states, and the population of the region is over **6.5 million**, which is larger than 38 states.

NCTCOG's structure is relatively simple; each member government appoints a voting representative from the governing body. These voting representatives make up the General Assembly which annually elects a 15member Executive Board. The Executive Board is supported by policy development, technical advisory, and study committees, as well as a professional staff of 362.



NCTCOG's offices are located in Arlington in the Centerpoint Two Building at 616 Six Flags Drive (approximately one-half mile south of the main entrance to Six Flags Over Texas).

**North Central Texas Council of Governments** P. O. Box 5888 Arlington, Texas 76005-5888 (817) 640-3300

#### **NCTCOG's Department of Transportation**

Since 1974 NCTCOG has served as the Metropolitan Planning Organization (MPO) for transportation for the Dallas-Fort Worth area. NCTCOG's Department of Transportation is responsible for the regional planning process for all modes of transportation. The department provides technical support and staff assistance to the Regional Transportation Council and its technical committees, which compose the MPO policy-making structure. In addition, the department provides technical assistance to the local governments of North Central Texas in planning, coordinating, and implementing transportation decisions.

Prepared in cooperation with the Texas Department of Transportation and the US Department of Transportation, Federal Highway Administration, and Federal Transit Administration.

"The contents of this report reflect the views of the authors who are responsible for the opinions, findings, and conclusions presented herein. The contents do not necessarily reflect the views or policies of the Federal Highway Administration, the Federal Transit Administration, or the Texas Department of Transportation."

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Todd Plesko, Chair Vice President of Planning and Developmen Dallas Area Rapid Transit

II-iii

### **FOREWORD**

This report for the SH 199 Corridor Master Plan has been prepared in accordance with current regulations and best planning practices. The structure of this document includes four volumes.

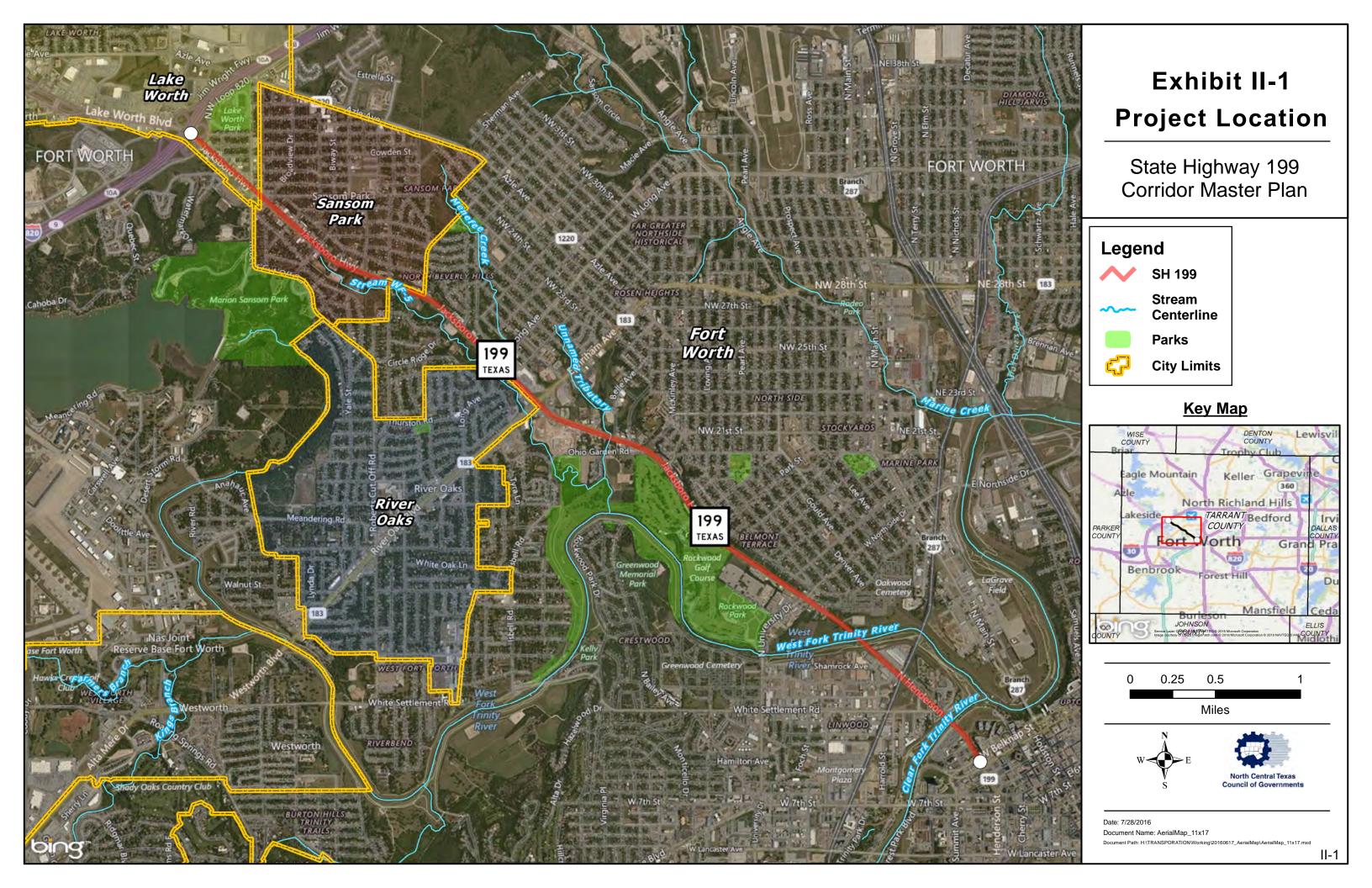
- Volume I Final Report includes an executive summary and seven sections documenting the study analyses and technical memorandums.
- Volume II Mapping includes the mapping of the social, economic, natural environment, and other physical conditions within the study area.
- Volume III Public and Stakeholder Involvement documents the meetings and coordination efforts associated with the study along with comments received from the public and stakeholders.
- Volume IV Technical Memorandums includes a compilation of the 18 technical memorandums developed during the SH 199 Corridor Master Plan.

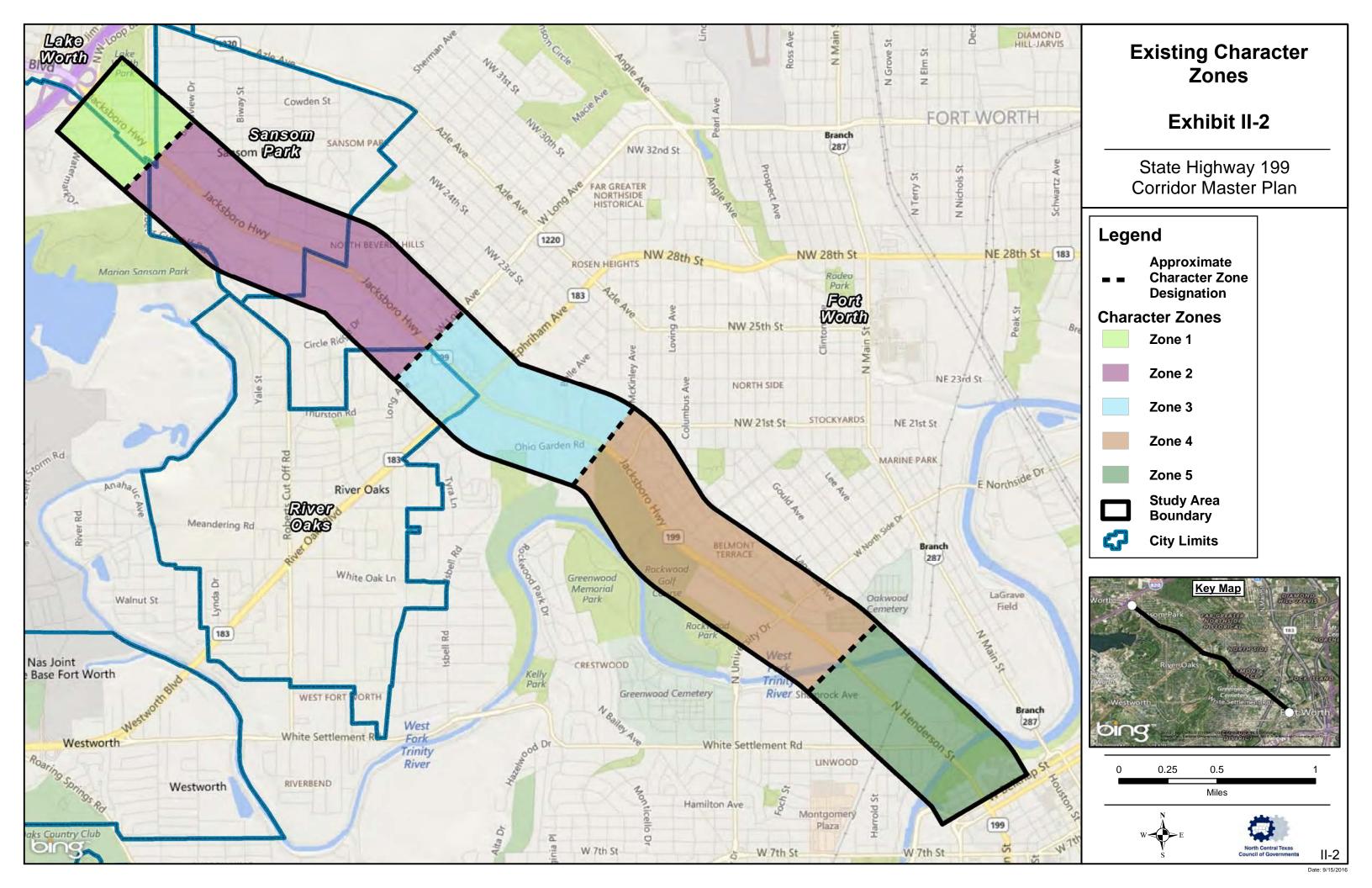
## LIST OF EXHIBITS

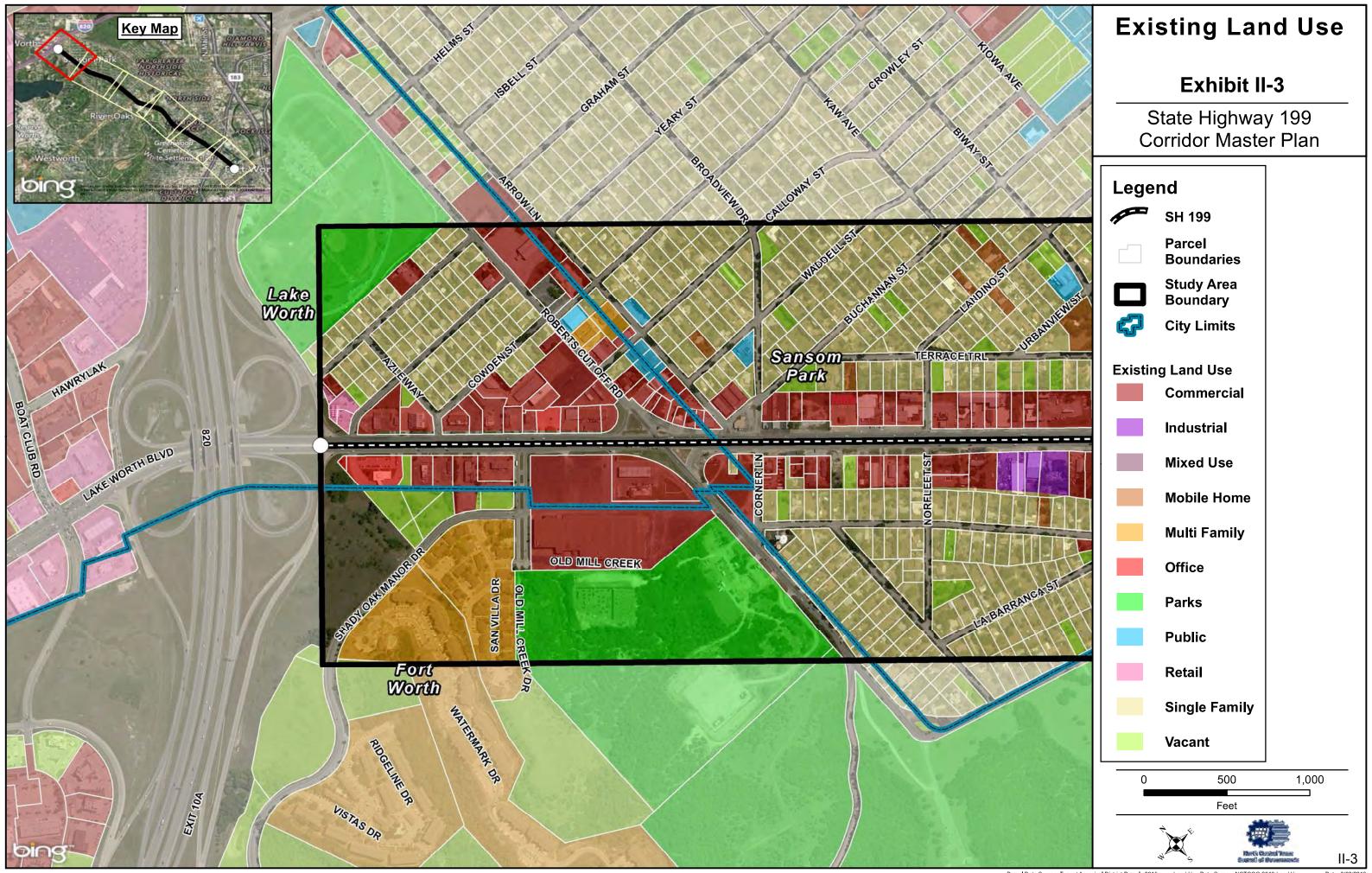
Exhibit II-1.	Project Location	II_1
Exhibit II-2.	Existing Character Zones	
Exhibit II-3.	Existing Land Use (IH 820 to Norfleet Street)	
Exhibit II-4.	Existing Land Use (Norfleet Street to Capri Drive)	
Exhibit II-5.	Existing Land Use (Capri Drive to Belle Avenue)	
Exhibit II-6.	Existing Land Use (Belle Avenue to 16th Street)	
Exhibit II-7.	Existing Land Use (16th Street to south of the West Fork of the Trinity River)	
Exhibit II-8.	Existing Land Use (South of the West Fork of the Trinity River to Belknap Street)	
Exhibit II-9.	Current Zoning (IH 820 to Norfleet Street)	
Exhibit II-10.	Current Zoning (Norfleet Street to Capri Drive)	
Exhibit II-11.	Current Zoning (Nomeet Street to Capit Drive)	
Exhibit II-11.	Current Zoning (Belle Avenue to 16th Street)	
	Current Zoning (16th Street to south of the West Fork of the Trinity River)	
Exhibit II-13.		
Exhibit II-14.	Current Zoning (South of the West Fork of the Trinity River to Belknap Street)	
Exhibit II-15.	Environmental Considerations (IH 820 to Norfleet Street)	
Exhibit II-16.	Environmental Considerations (Norfleet Street to Capri Drive)	
Exhibit II-17.	Environmental Considerations (Capri Drive to Belle Avenue)	
Exhibit II-18.	Environmental Considerations (Belle Avenue to 16 <sup>th</sup> Street)	II-18
Exhibit II-19.	Environmental Considerations (16 <sup>th</sup> Street to south of the West Fork of the Trinity River)	II 10
Exhibit II-20.	Environmental Considerations (South of the West Fork of the Trinity River to Belknap	11-19
LAHIDIC 11-20.	Street)	11-20
Exhibit II-21.	Railroad Commission Public GIS Viewer Data (Pipelines)	
Exhibit II-21.	City of Lake Worth – Existing - Water Utilities	
Exhibit II-23.	City of Lake Worth – Existing – Waster Utilities	
Exhibit II-24.	City of Lake Worth – Existing – Waste Water Ottnites	
Exhibit II-24.	City of Lake Worth – Existing – Water and Waste Water Details – Grid G2	
Exhibit II-26.	City of Lake Worth – Existing – Water and Waste Water Details – Grid G3	
Exhibit II-27.	City of Sansom Park – Existing - Water Utilities	
Exhibit II-28.	City of Sansom Park – Existing – Waste Water Utilities	
Exhibit II-29.	City of Fort Worth - Existing and Planned - Water Utilities (IH 820 to Norfleet Street)	11-29
Exhibit II-30.	City of Fort Worth – Existing and Planned - Water Utilities (Norfleet Street to Capri Drive)	II 20
Exhibit II-31.	City of Fort Worth – Existing and Planned - Water Utilities (Capri Drive to Belle	11-30
EXHIBIT II-91.		11 24
Exhibit II-32.	Avenue)  City of Fort Worth – Existing and Planned - Water Utilities (Belle Avenue to 16 <sup>th</sup>	. 11-31
EXHIDIL II-32.		11.22
Fvk:k:4 II 22	Street)	11-32
Exhibit II-33.		11.00
F., b.; b.; t. H. O.4	West Fork of the Trinity River)	11-33
Exhibit II-34.	City of Fort Worth – Existing and Planned - Water Utilities (South of the West Fork of	0.4
<b>5</b> 1 3 3 11 0 5	the Trinity River to Belknap Street)	11-34
Exhibit II-35.	City of Fort Worth – Existing and Planned - Waste Water Utilities (IH 820 to Norfleet	
E 1 1 2 11 6 6		II-35
Exhibit II-36.	City of Fort Worth – Existing and Planned - Waste Water Utilities (Norfleet Street to	
	Capri Drive)	II-36
Exhibit II-37.	City of Fort Worth – Existing and Planned - Waste Water Utilities (Capri Drive to Belle	
	Avenue)	II-37

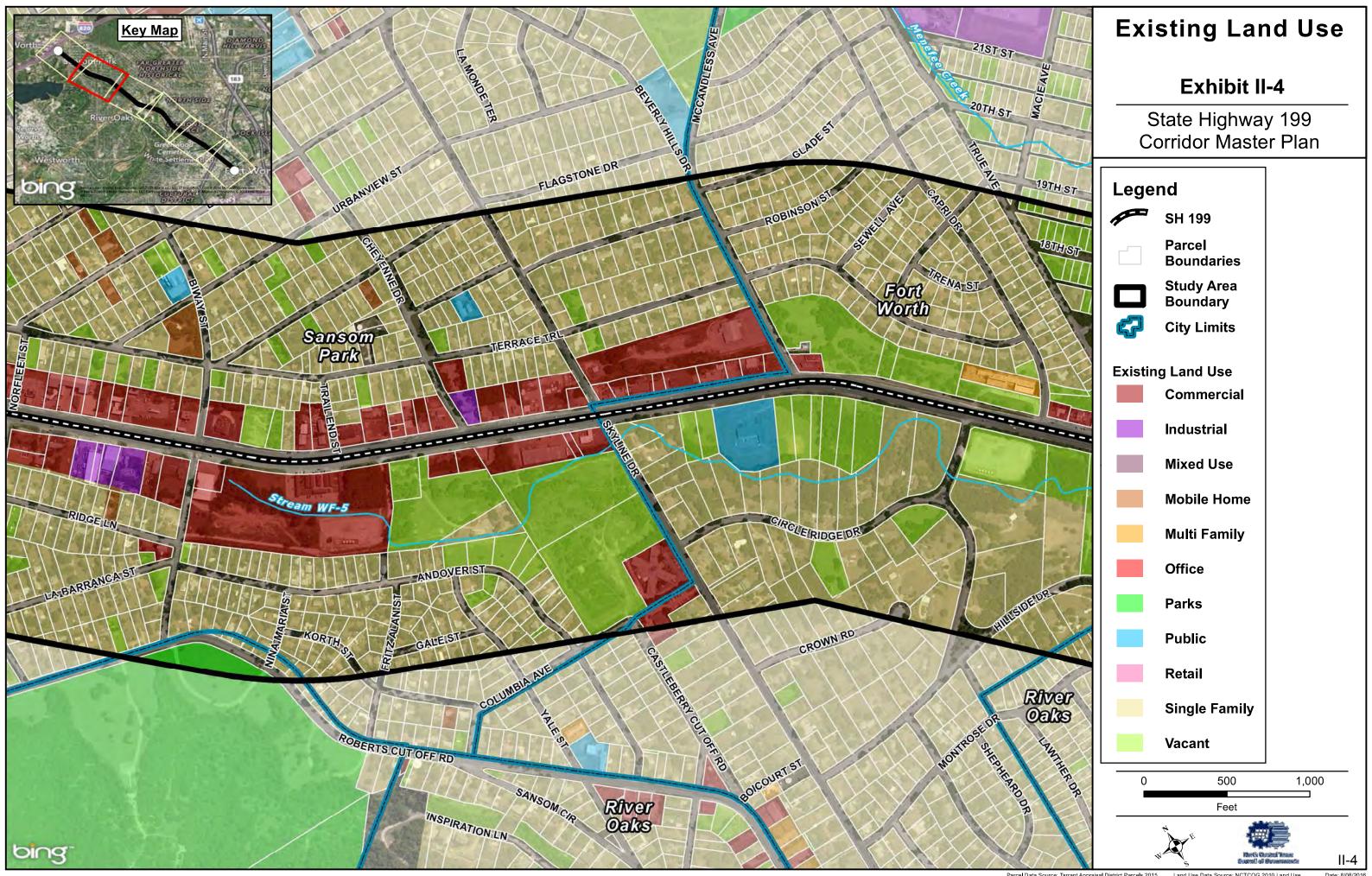
EXHIDIL II-30.	`	II-38
Exhibit II-39.	16 <sup>th</sup> Street)	
	of the West Fork of the Trinity River)	II-39
Exhibit II-40.	City of Fort Worth - Existing and Planned - Waste Water Utilities (South of the West	
	Fork of the Trinity River to Belknap Street)	II-40
Exhibit II-41.	Existing Right-of-Way and Site Access (IH 820 to Norfleet Street)	
Exhibit II-42.	Existing Right-of-Way and Site Access (Norfleet Street to Capri Drive)	
Exhibit II-43.	Existing Right-of-Way and Site Access (Capri Drive to Belle Avenue)	
Exhibit II-44.	Existing Right-of-Way and Site Access (Belle Avenue to 16th Street)	
Exhibit II-45.	Existing Right-of-Way and Site Access (16th Street to south of the West Fork of the	
	Trinity River)	II-45
Exhibit II-46.	Existing Right-of-Way and Site Access (South of the West Fork of the Trinity River to	
	Belknap Street)	II-46
Exhibit II-47.	Existing Bus Transit Map	
Exhibit II-48.	Existing and Planned Bicycle and Pedestrian Accommodations Map	
Exhibit II-49.	Crash Data Map (IH 820 to Norfleet Street)	
Exhibit II-50.	Crash Data Map (Norfleet Street to Capri Drive)	II-50
Exhibit II-51.	Crash Data Map (Capri Drive to Belle Avenue)	II-51
Exhibit II-52.	Crash Data Map (Belle Avenue to 16th Street)	
Exhibit II-53.	Crash Data Map (16th Street to south of the West Fork of the Trinity River)	
Exhibit II-54.	Crash Data Map (South of the West Fork of the Trinity River to Belknap Street)	
Exhibit II-55.	Existing Drainage Infrastructure (IH 820 to Ohio Gardens Road)	
Exhibit II-56.	Existing Drainage Infrastructure (Ohio Gardens Road to Belknap Street)	
Exhibit II-57.	Roberts Cut Off Road Intersection Layout	
Exhibit II-58.	Roberts Cut Off Road Alternative Intersection Layout	
Exhibit II-59.	Biway Street Intersection Layout	
Exhibit II-60.	Skyline Drive Intersection Layout	II-60
Exhibit II-61.	Long Avenue Intersection Layout	
Exhibit II-62.	SH 183 Intersection Layout	
Exhibit II-63.	SH 183 Alternative Intersection Layout	
Exhibit II-64.	Walmart Road Intersection Layout	
Exhibit II-65.	Ohio Garden Road Intersection Layout	
Exhibit II-66.	NW 21 <sup>st</sup> Street Intersection Layout	
Exhibit II-67.	NW 18 <sup>th</sup> Street Intersection Layout	
Exhibit II-68.	University Drive/Northside Drive Intersection Layout	
Exhibit II-69.	Proposed Drainage Area Map (IH 820 to Ohio Gardens Road)	
Exhibit II-70.	Proposed Drainage Area Map (Ohio Gardens Road to Belknap Street)	
Exhibit II-71.	Proposed Storm Drain System (IH 820 to Biway Street)	
Exhibit II-72.	Proposed Storm Drain System (Biway Street to Capri Drive)	
Exhibit II-73.	Proposed Storm Drain System (Capri Drive to north of Belle Avenue)	
Exhibit II-74.	Proposed Storm Drain System (North of Belle Avenue to south of 18 <sup>th</sup> Street)	
Exhibit II-75.	Proposed Storm Drain System (South of 18th Street to West Fork of the Trinity River)	
Exhibit II-76.	Proposed Storm Drain System (West Fork of the Trinity River to Belknap Street)	II-76

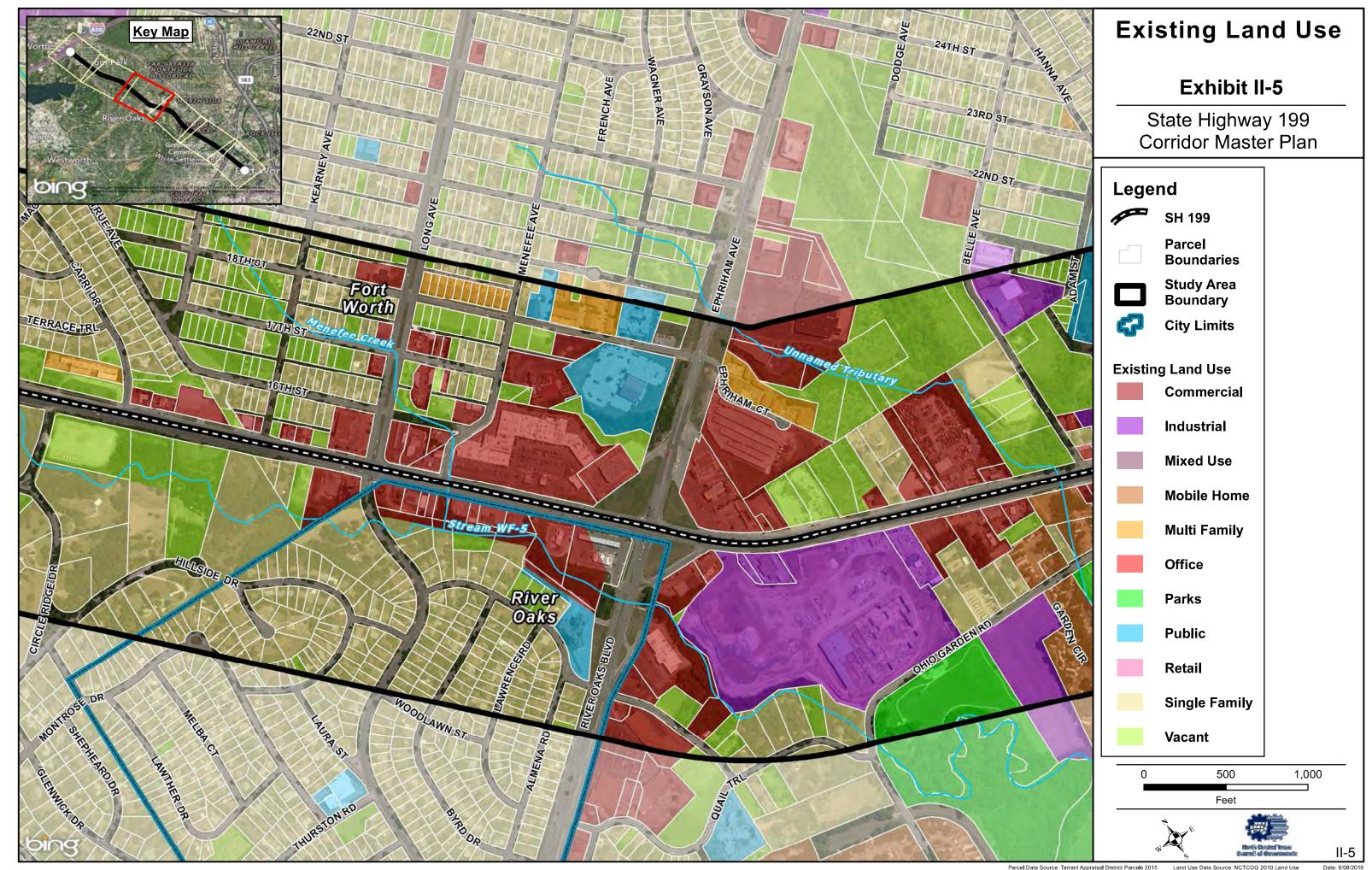
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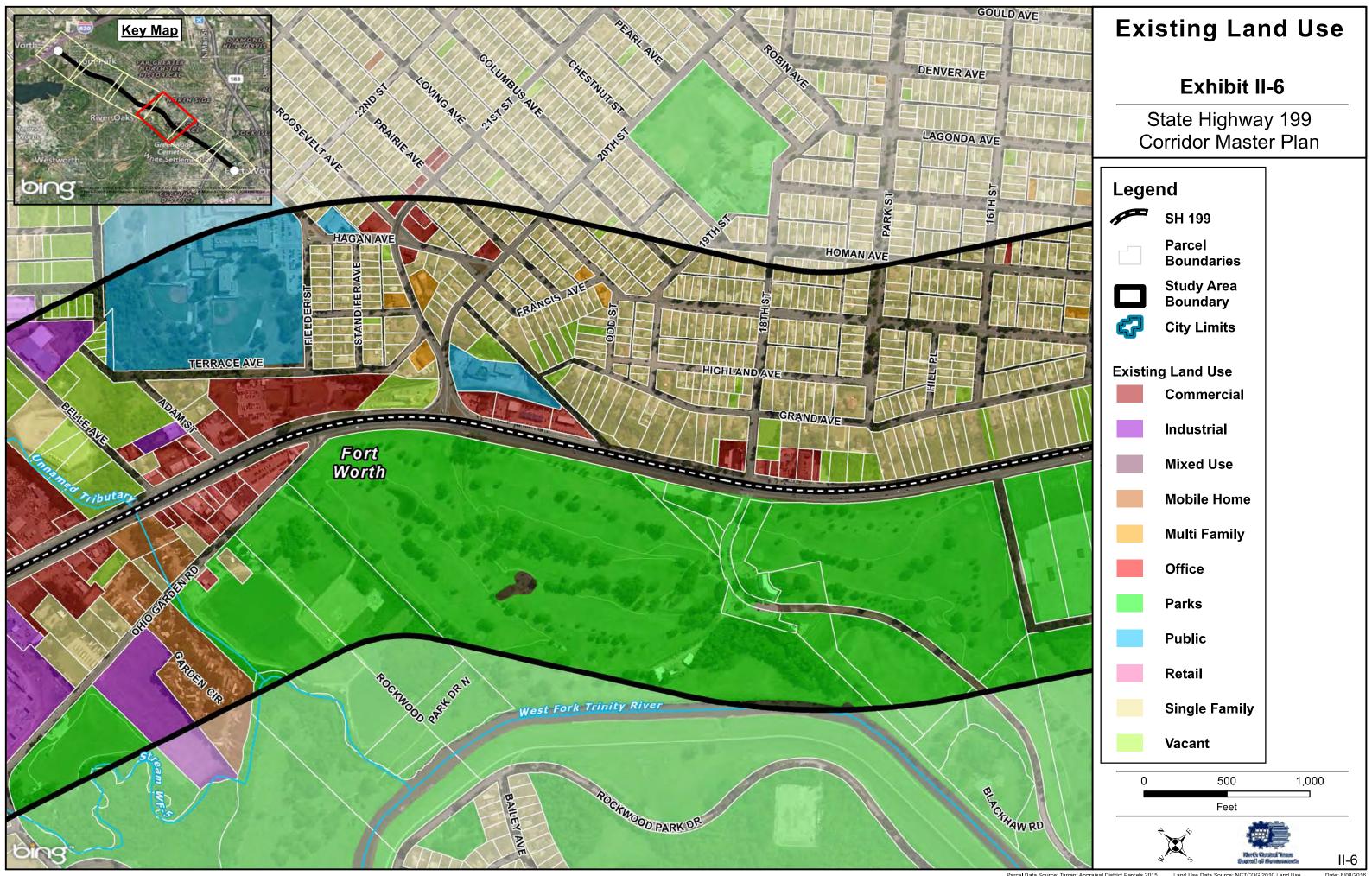


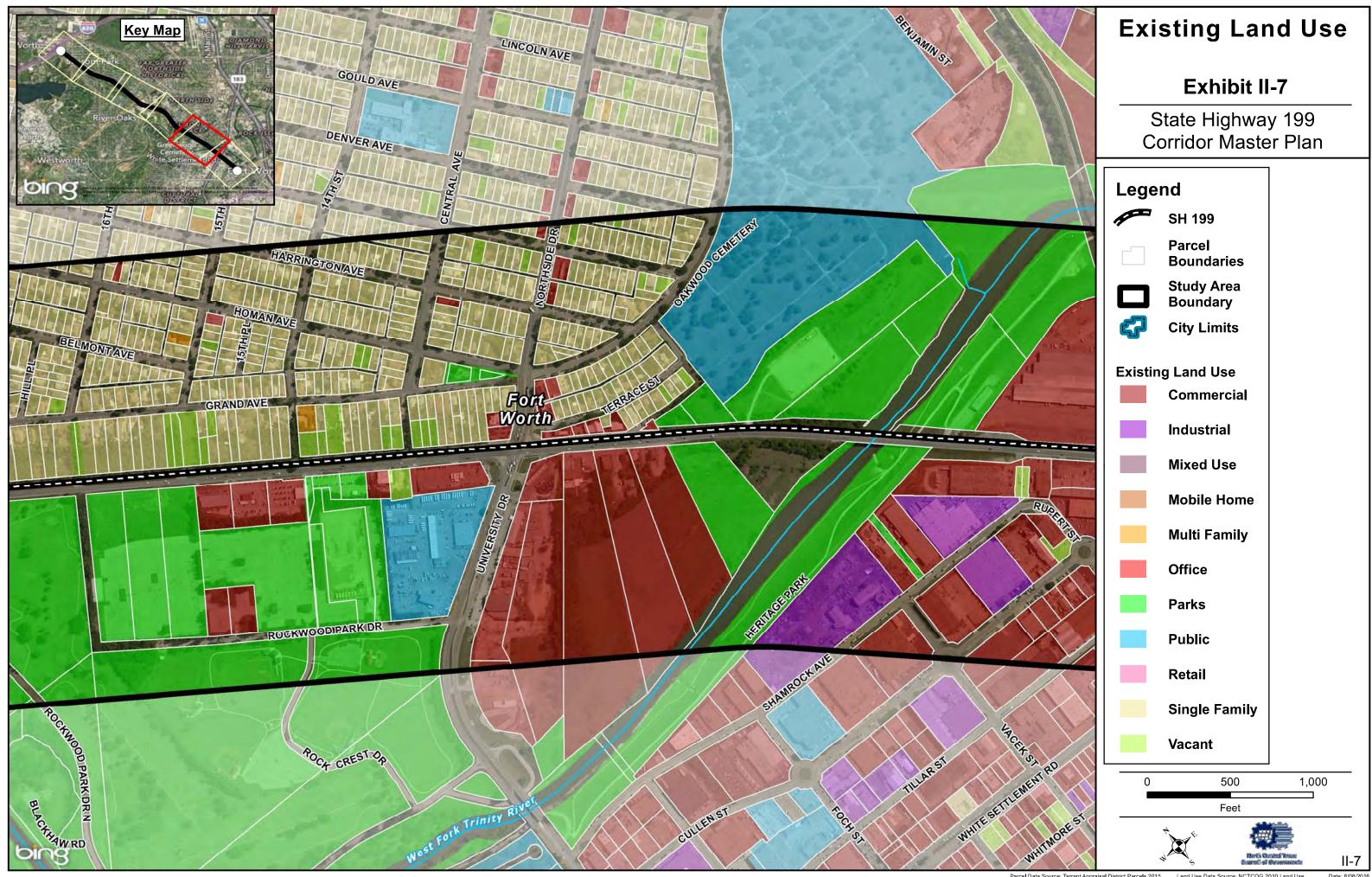


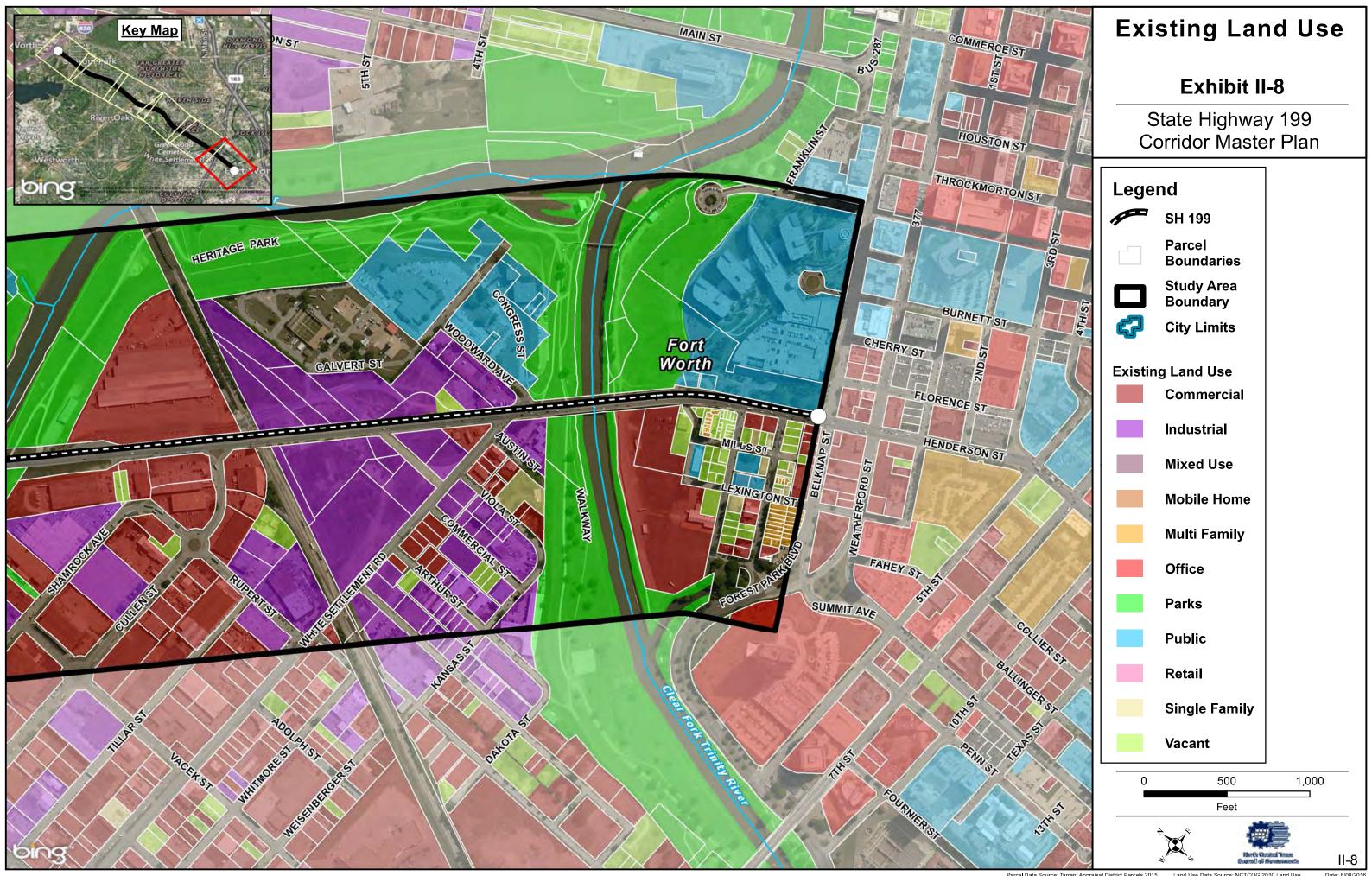


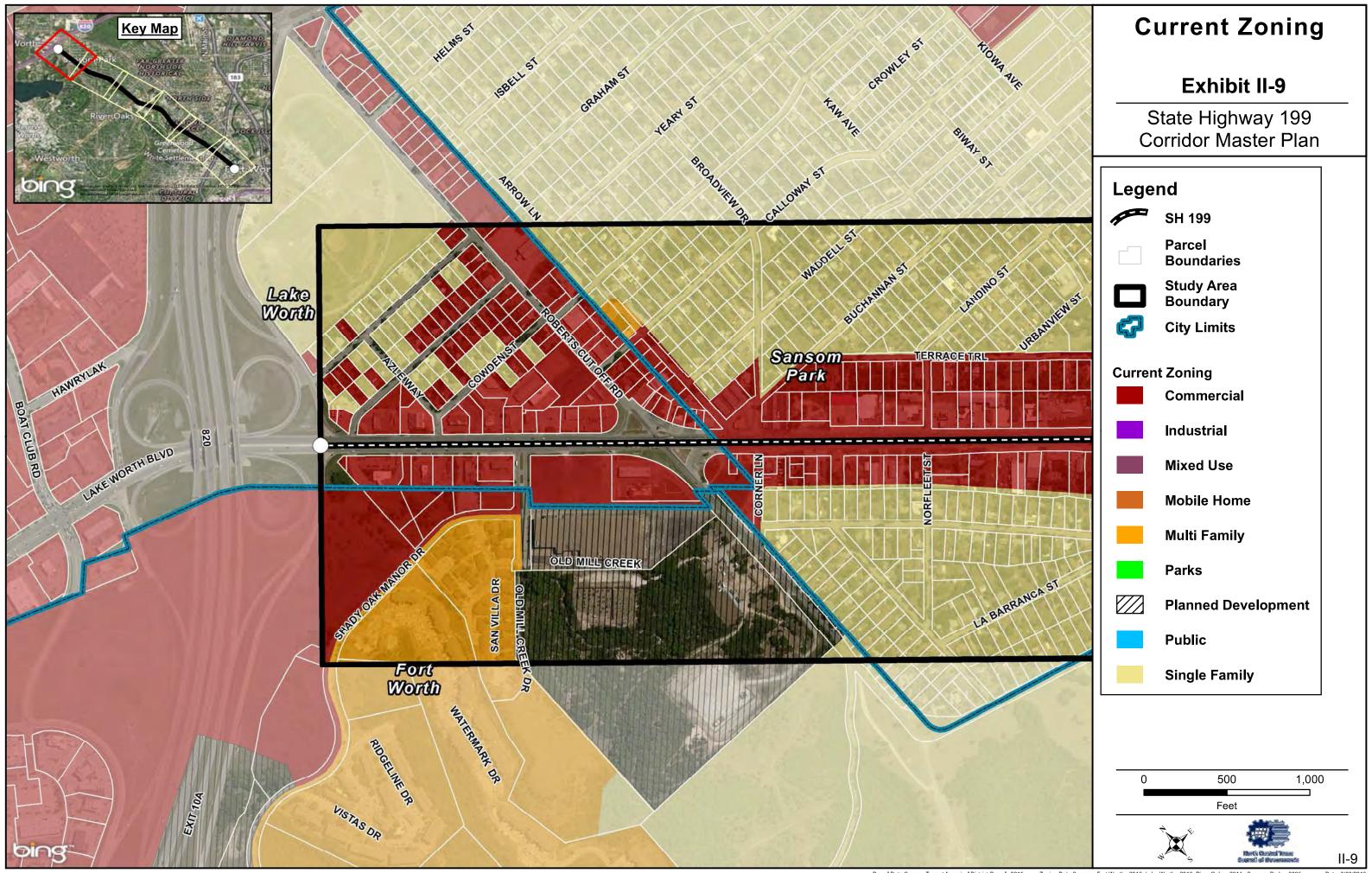


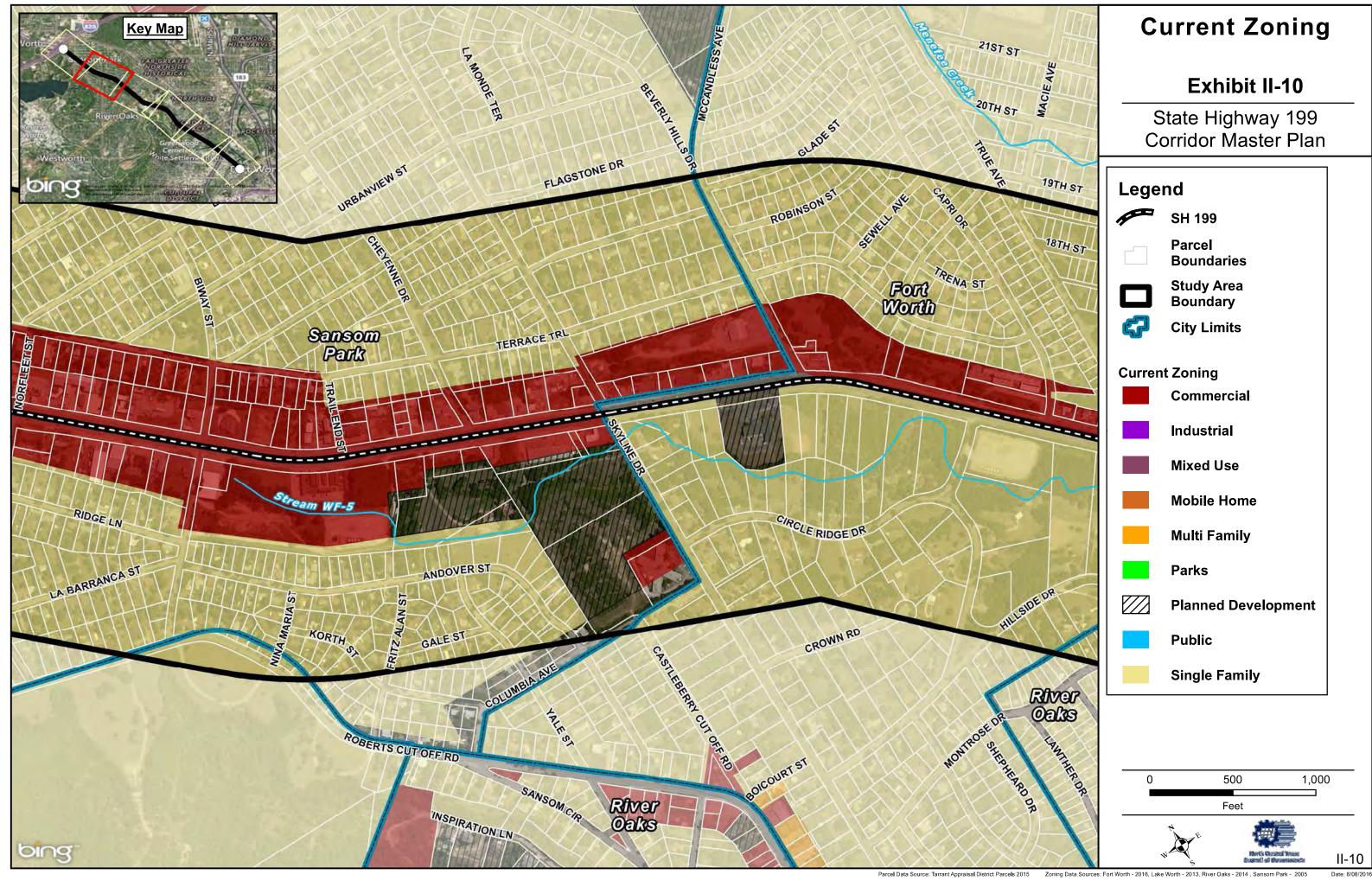


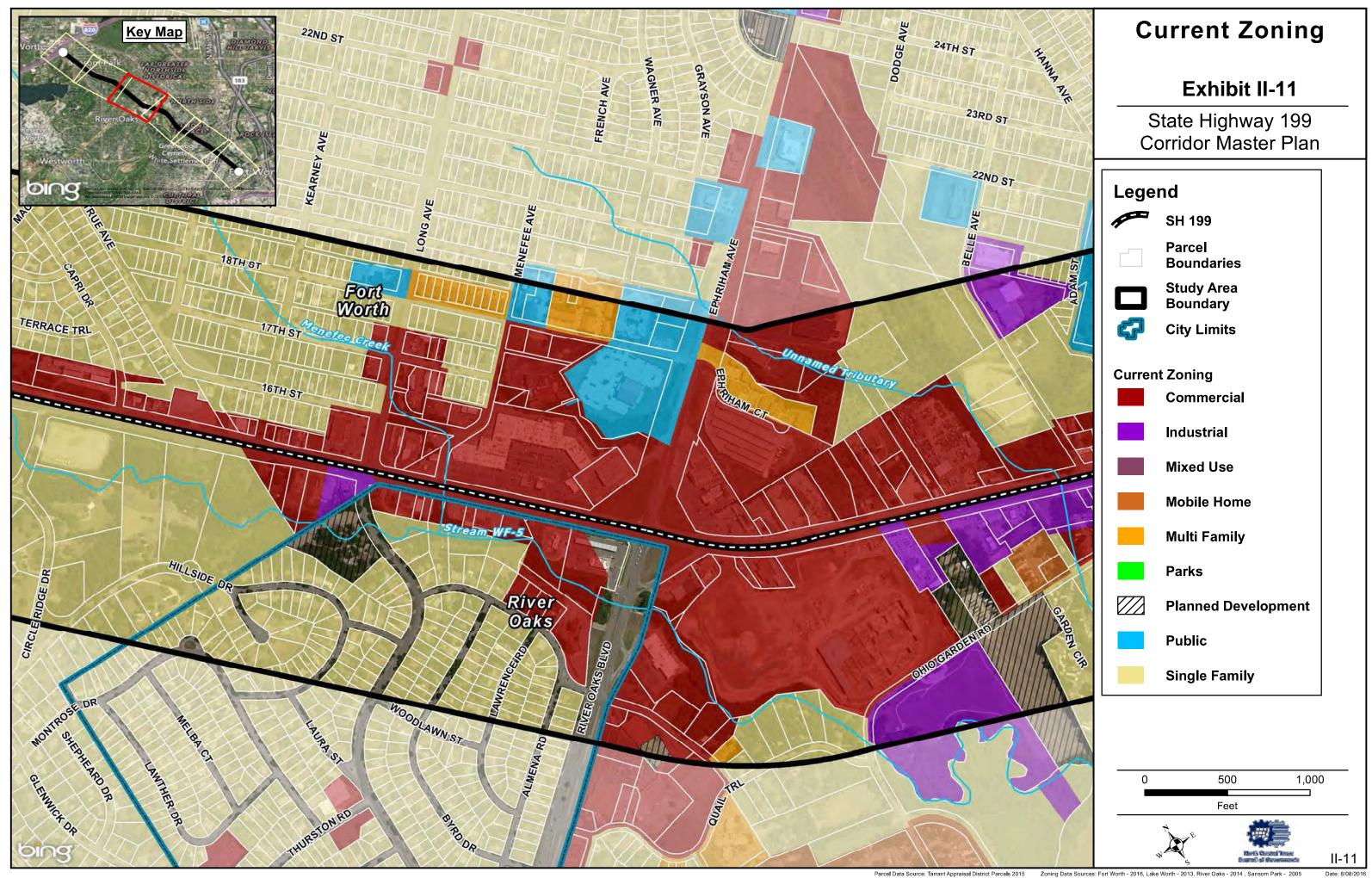


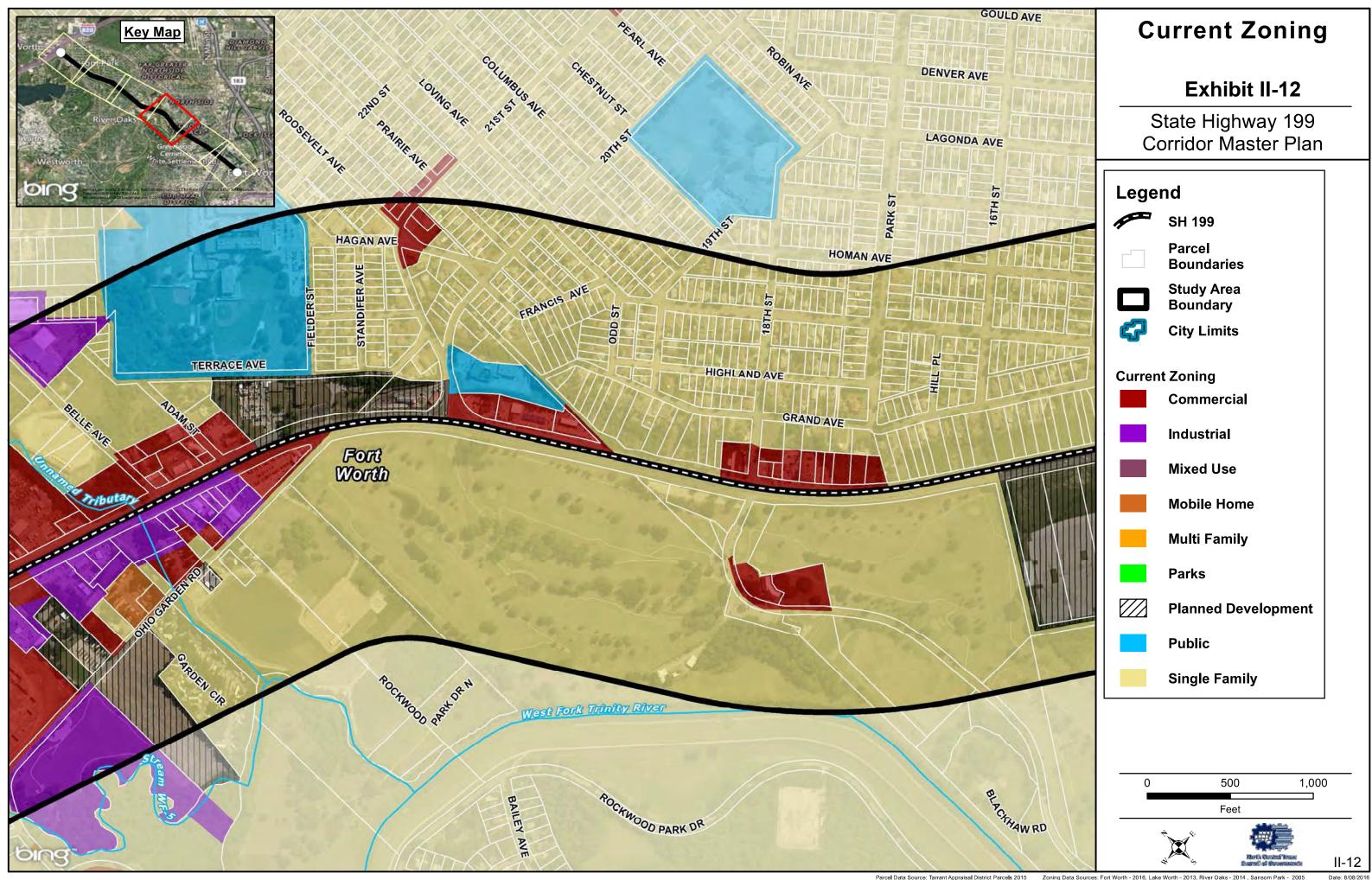


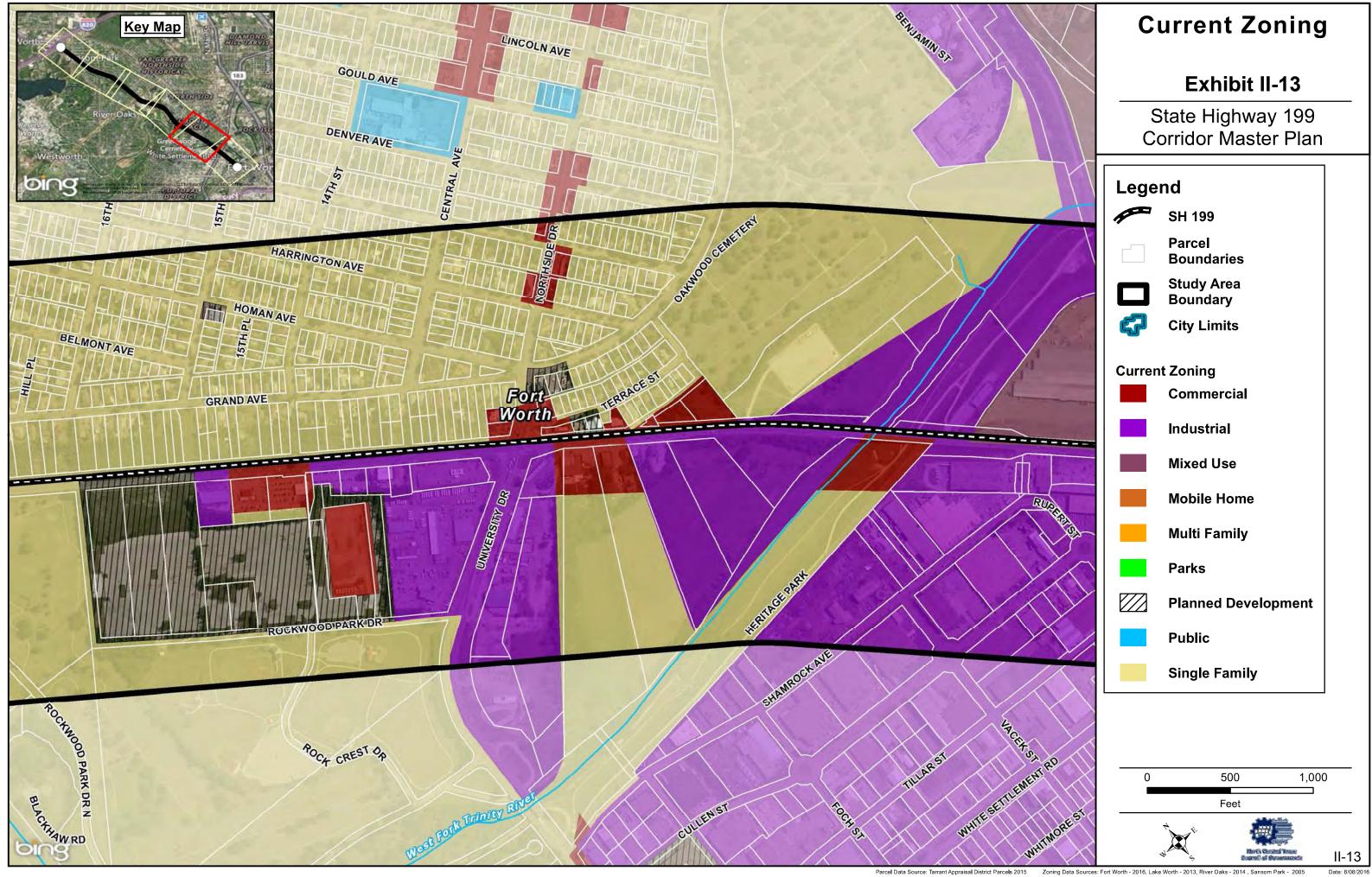


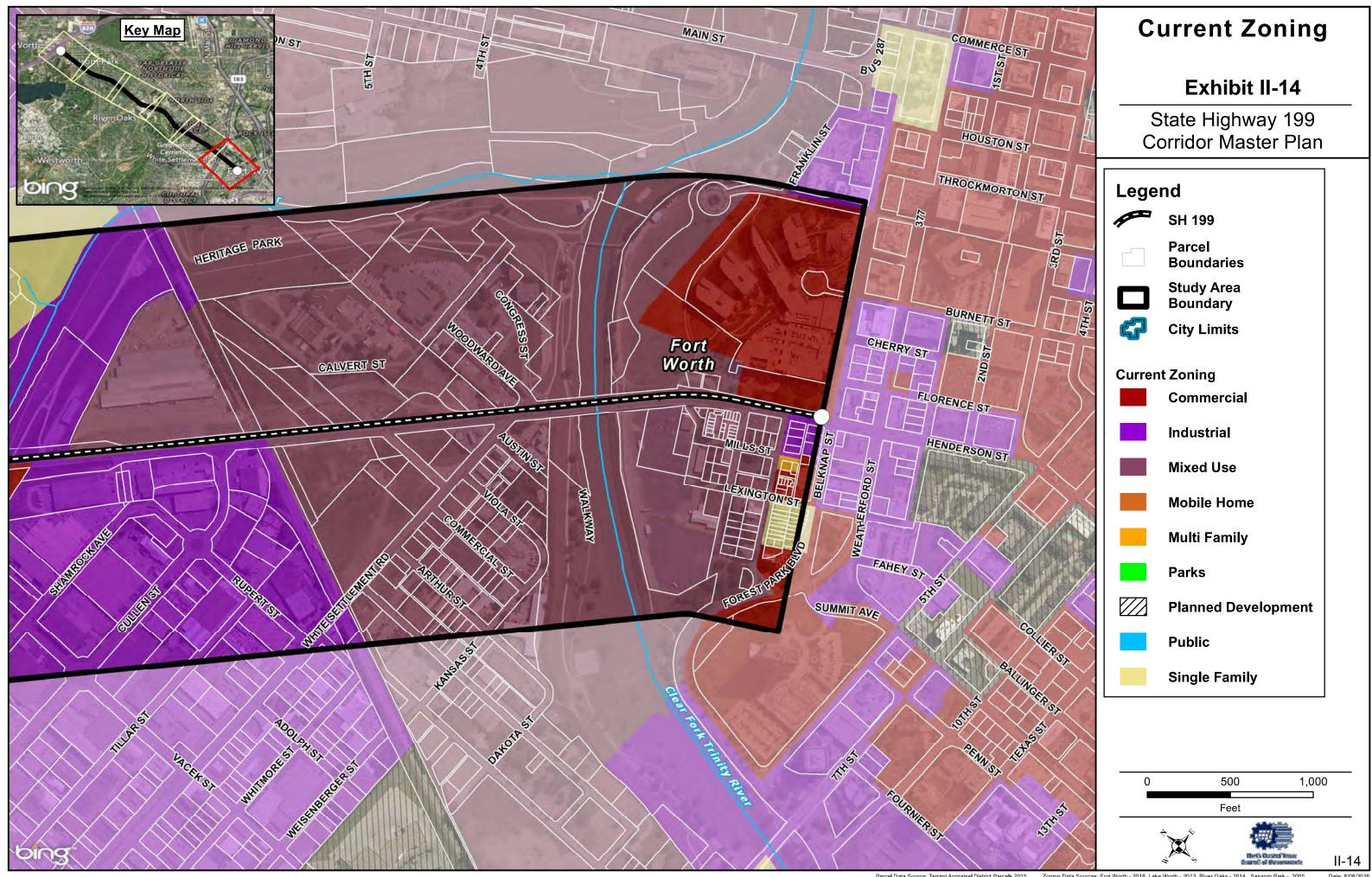


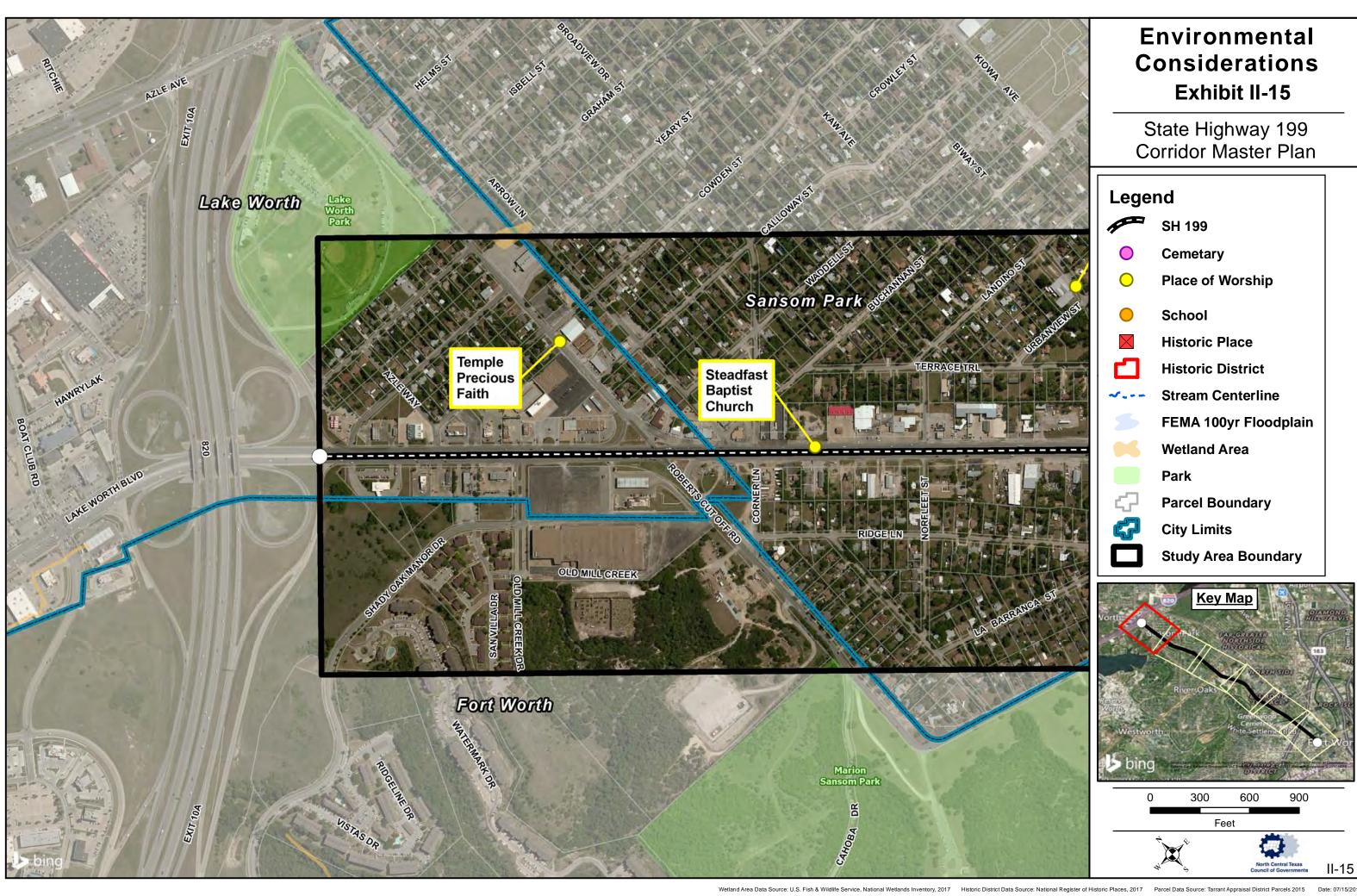


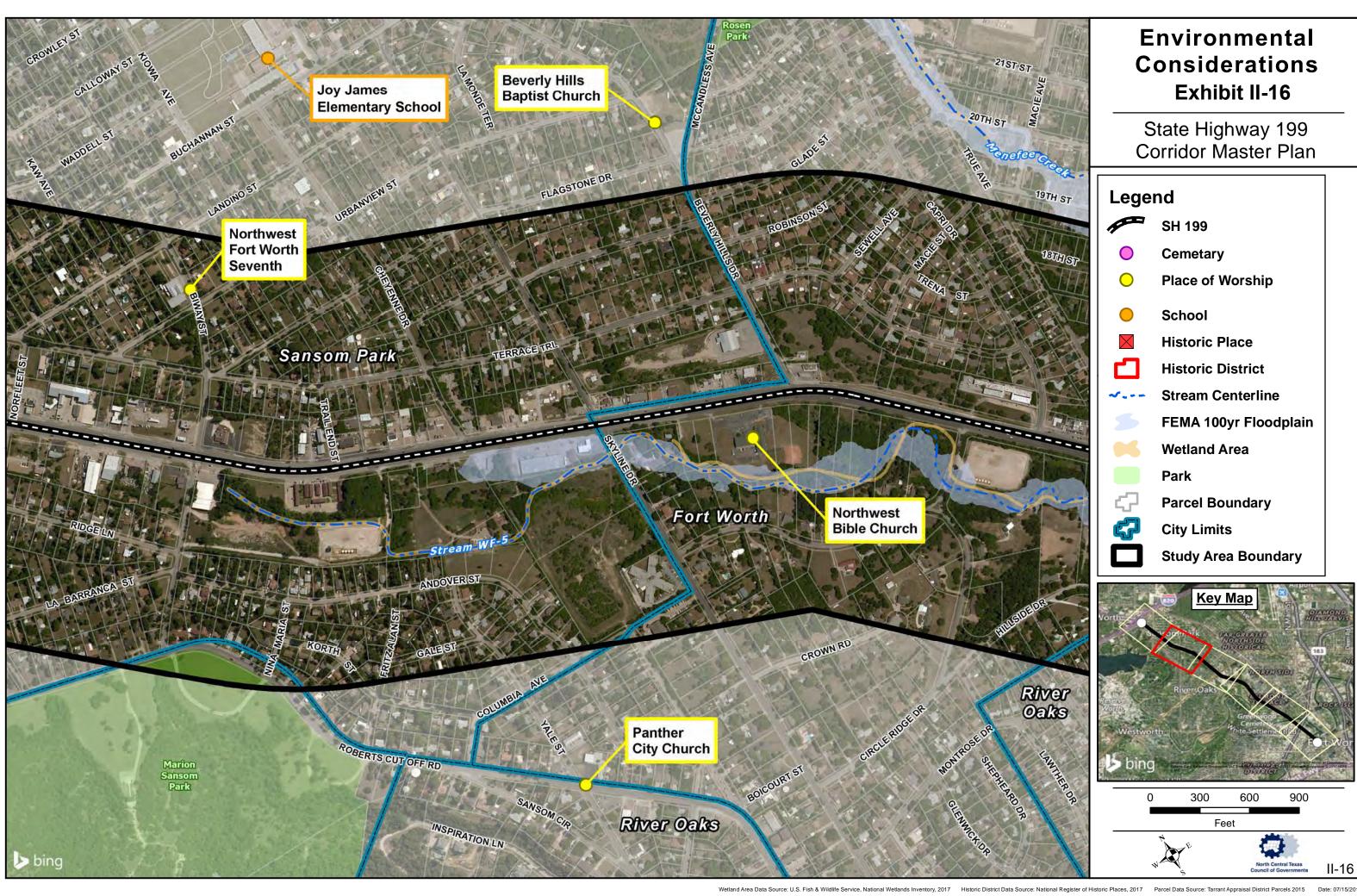


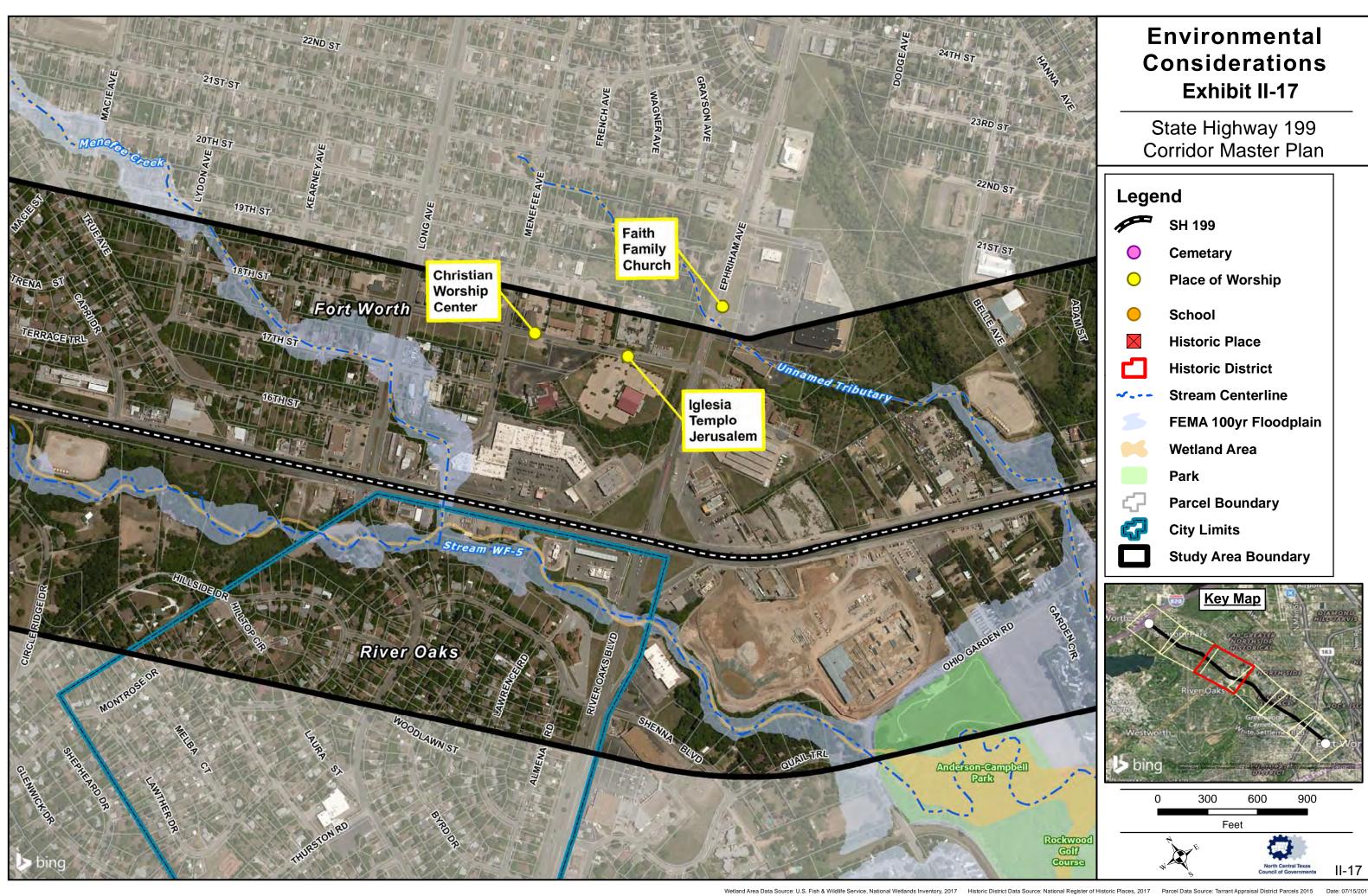


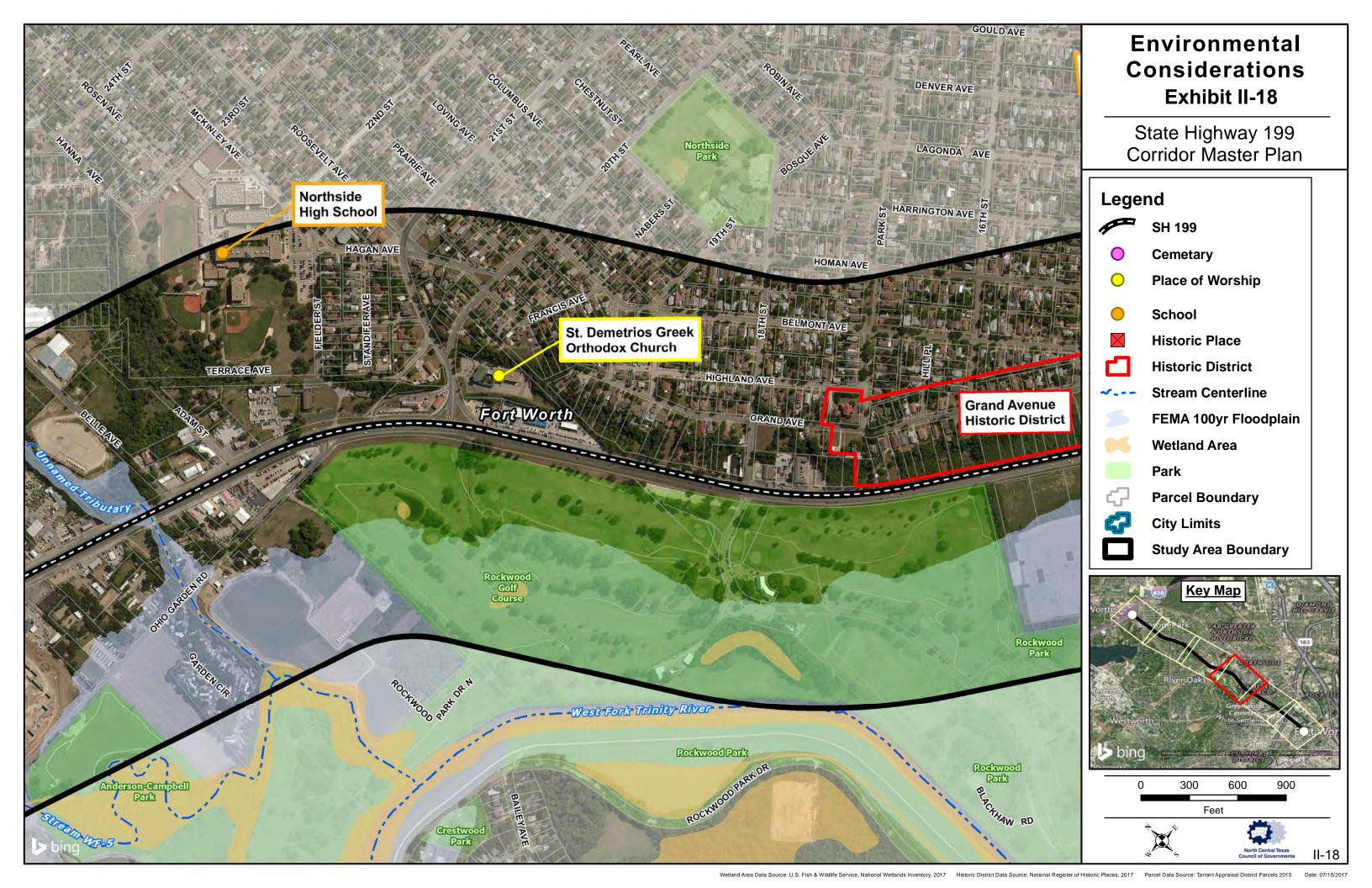


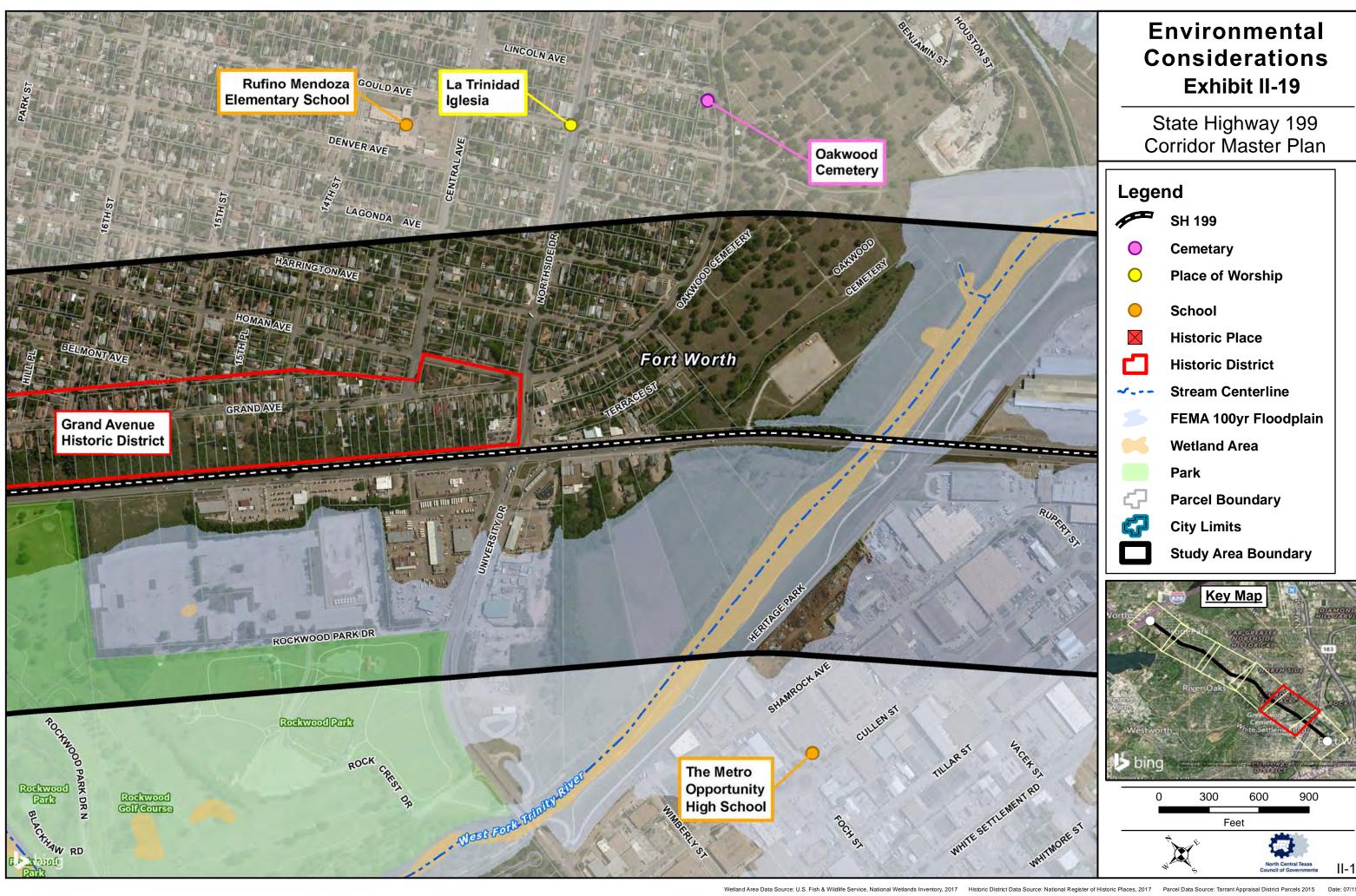


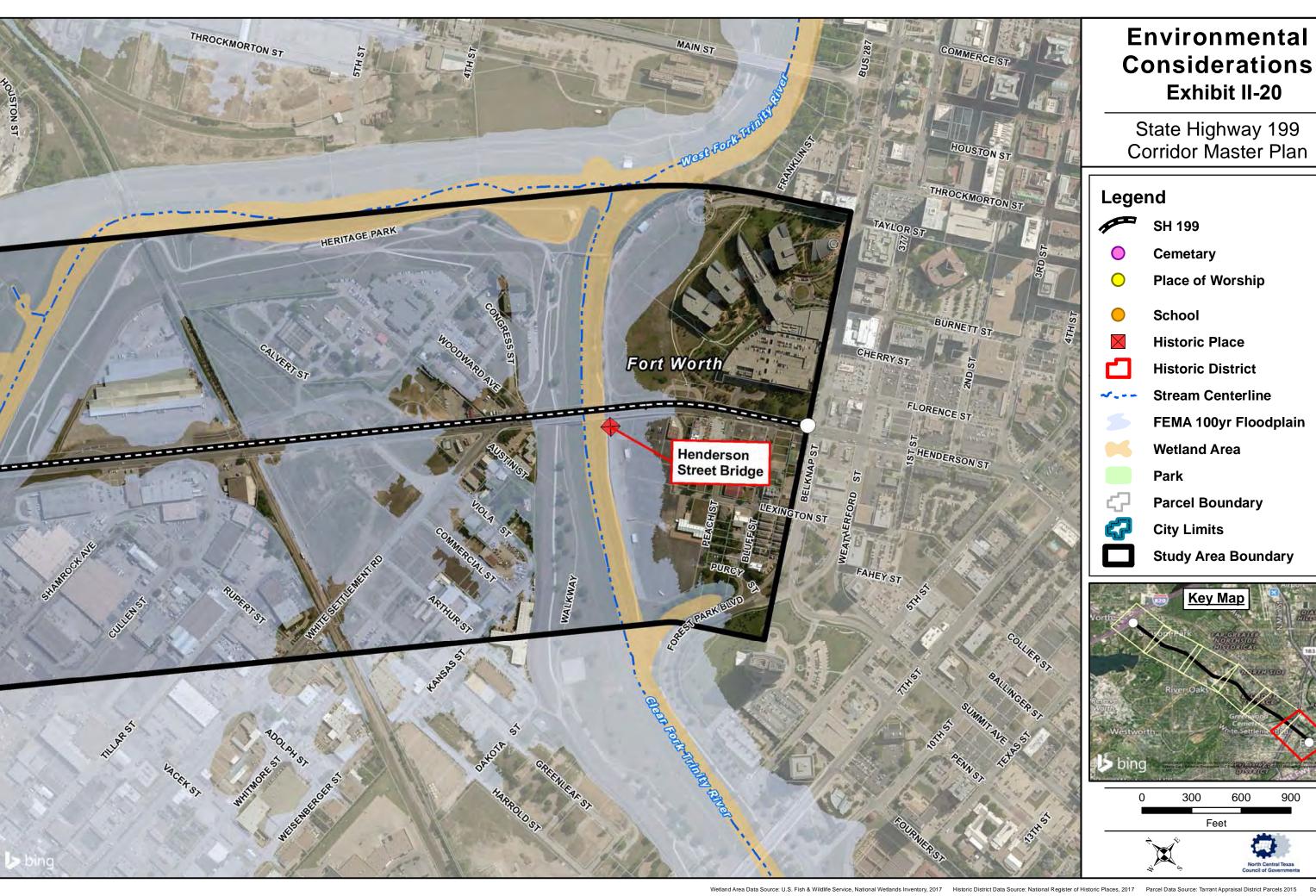




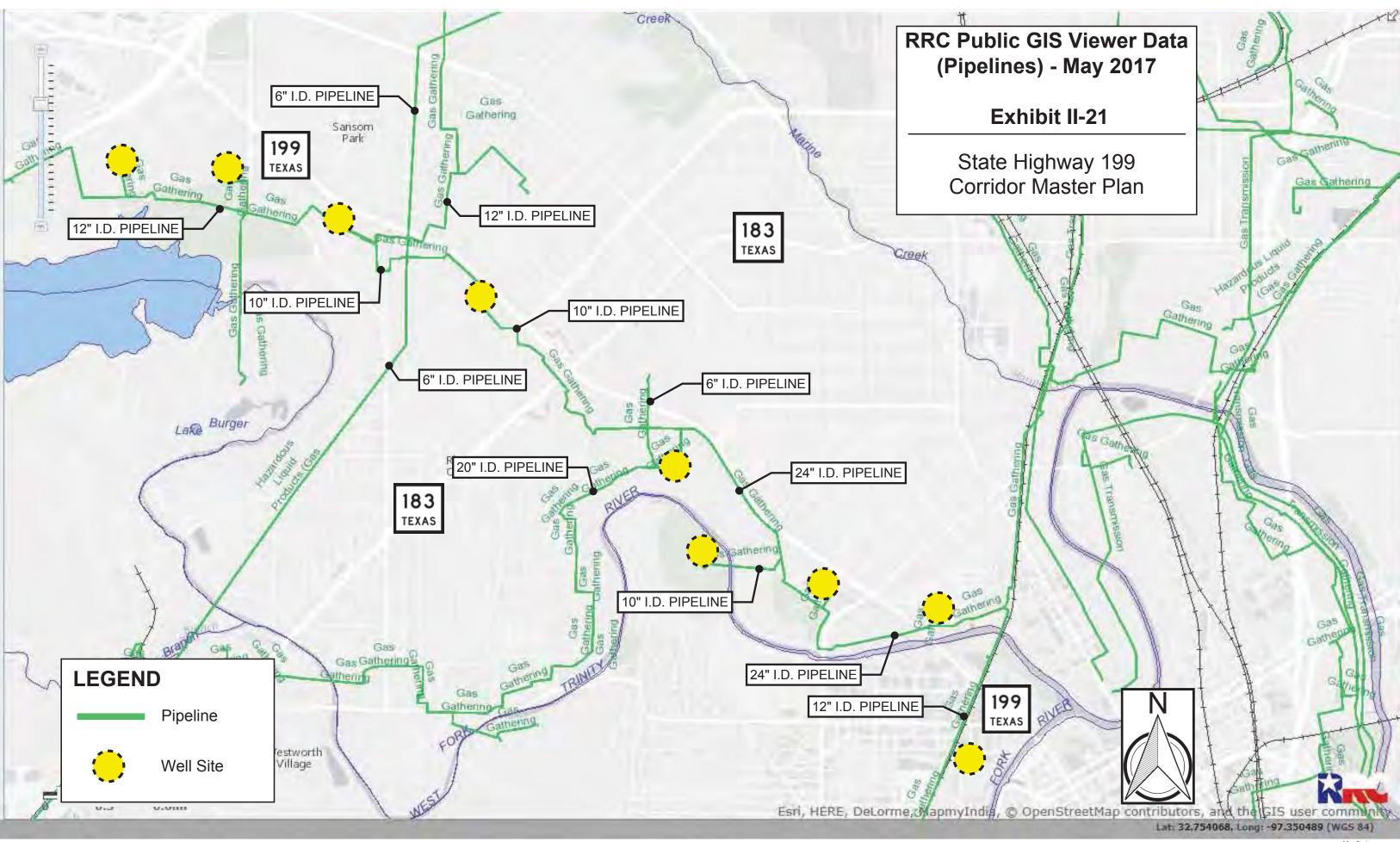


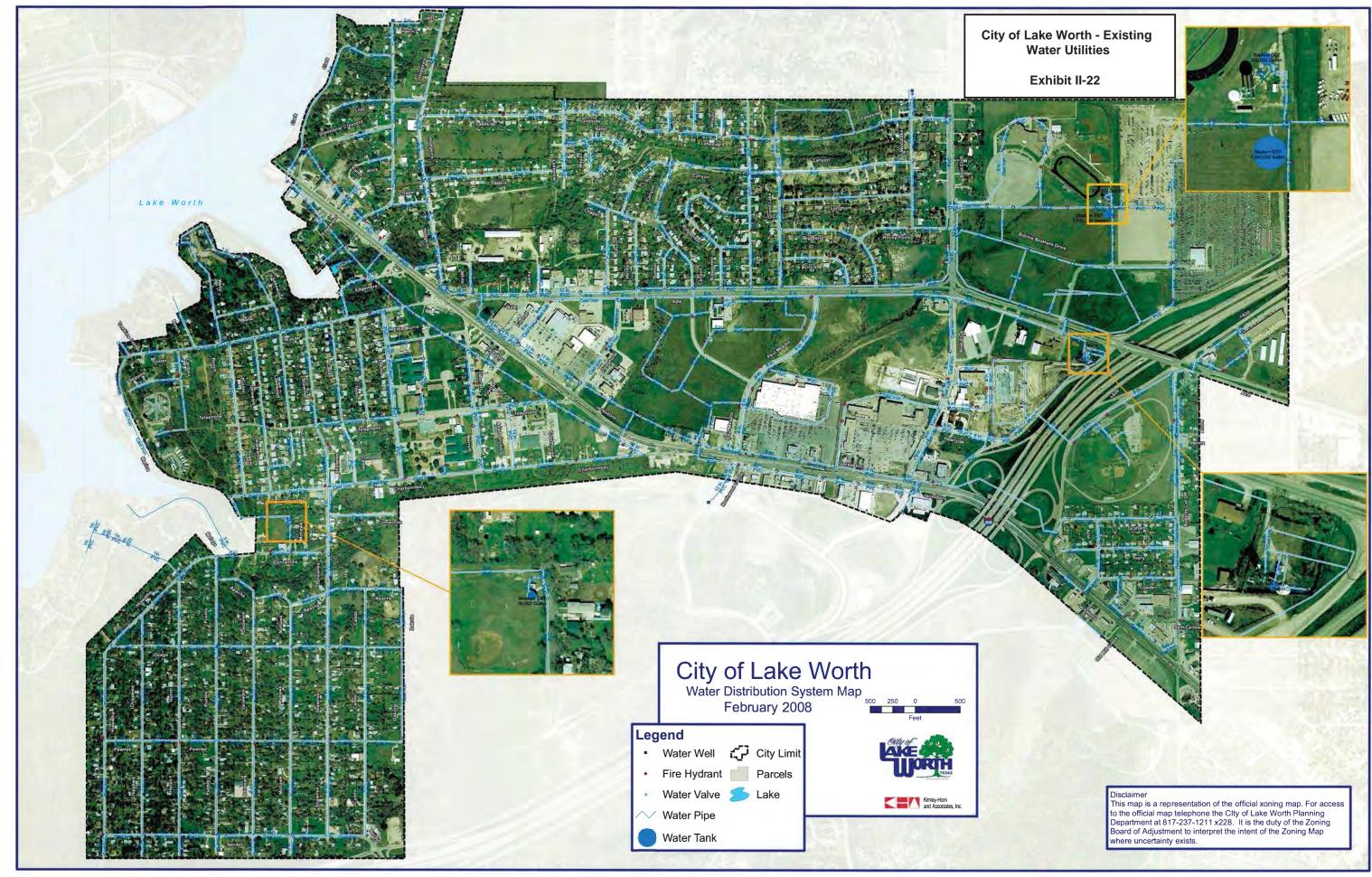


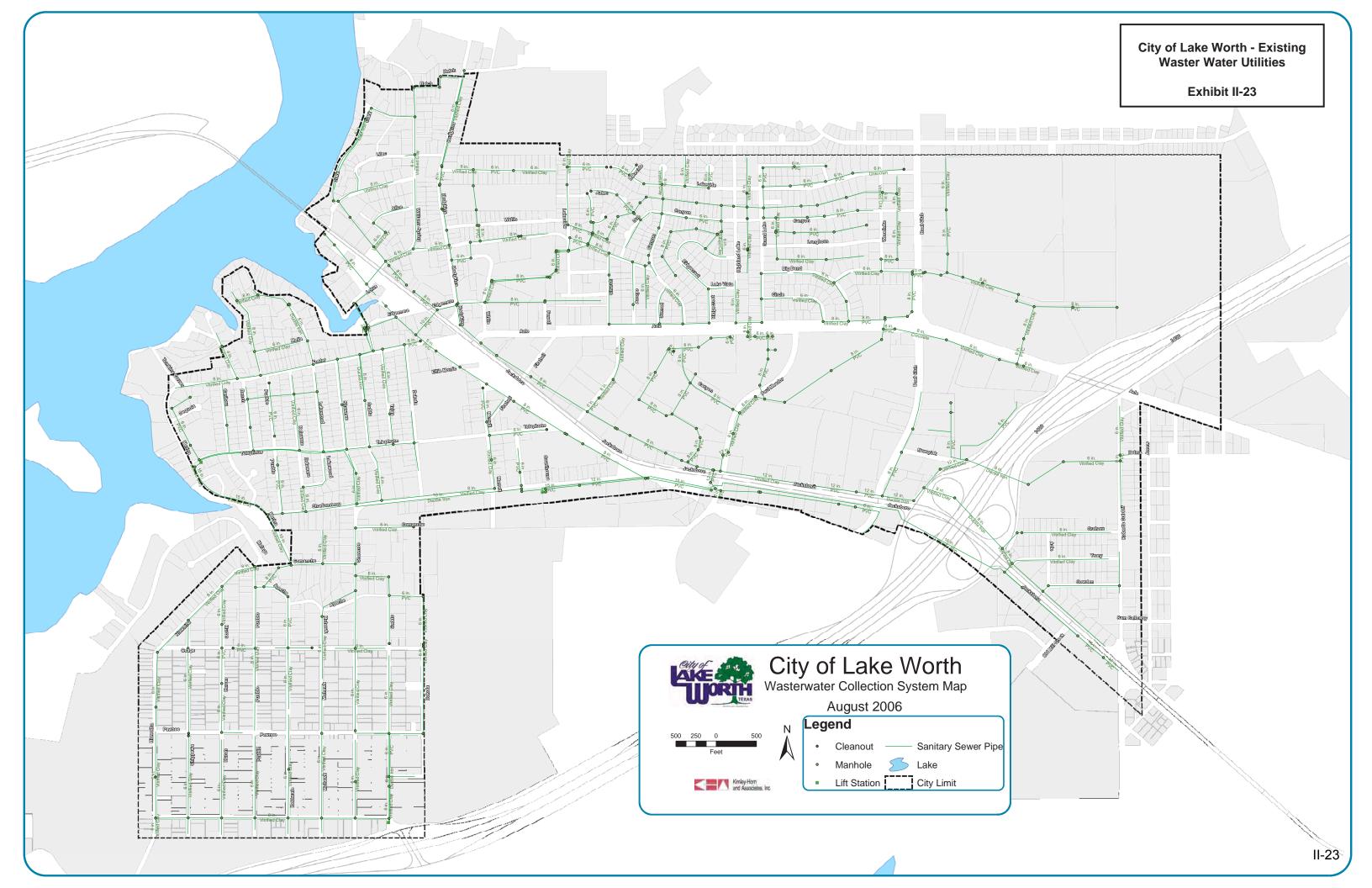


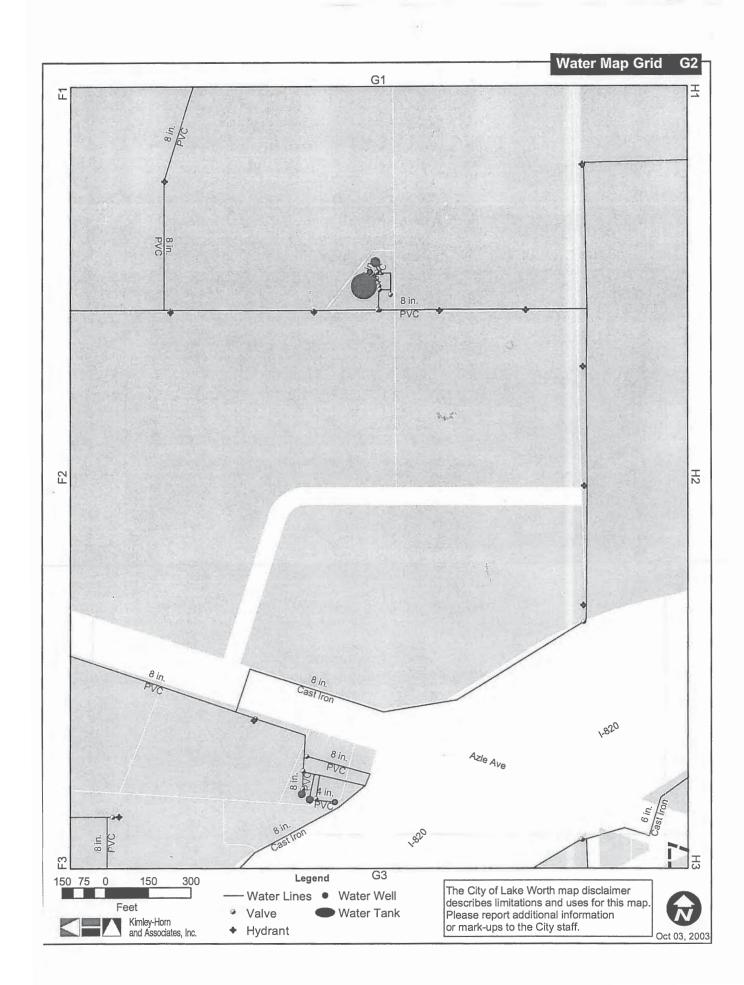


II-20

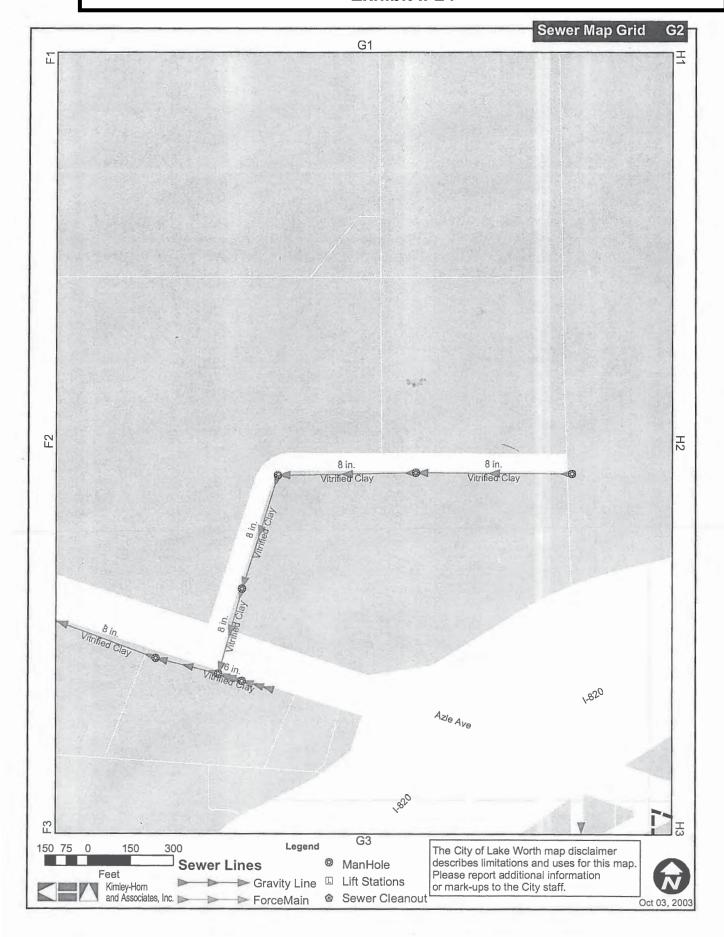


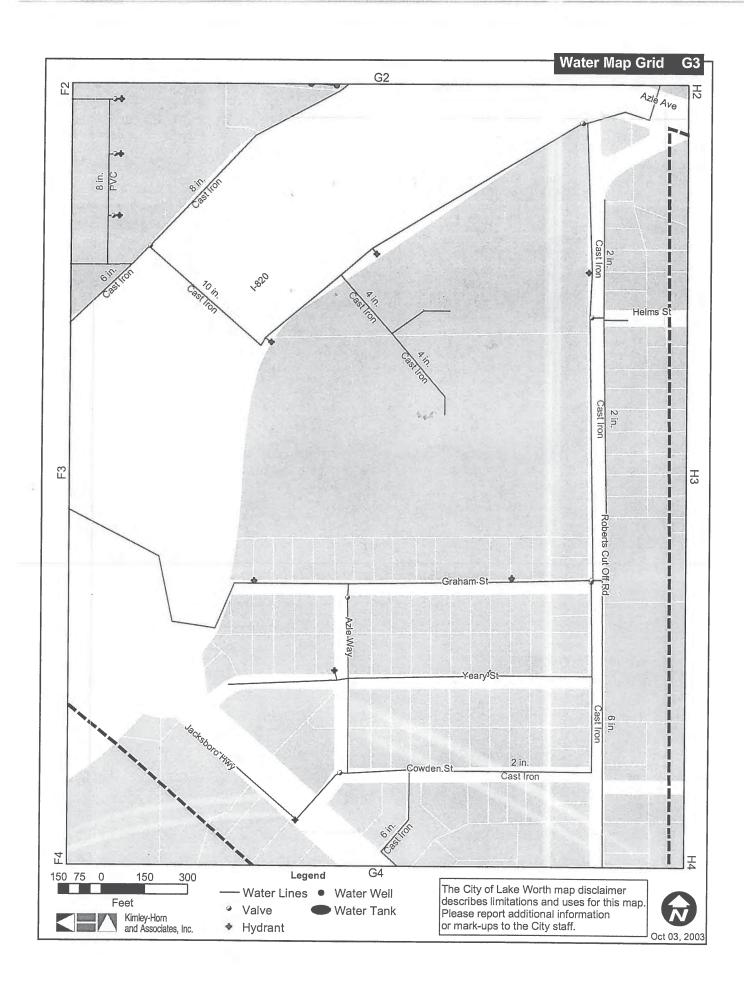




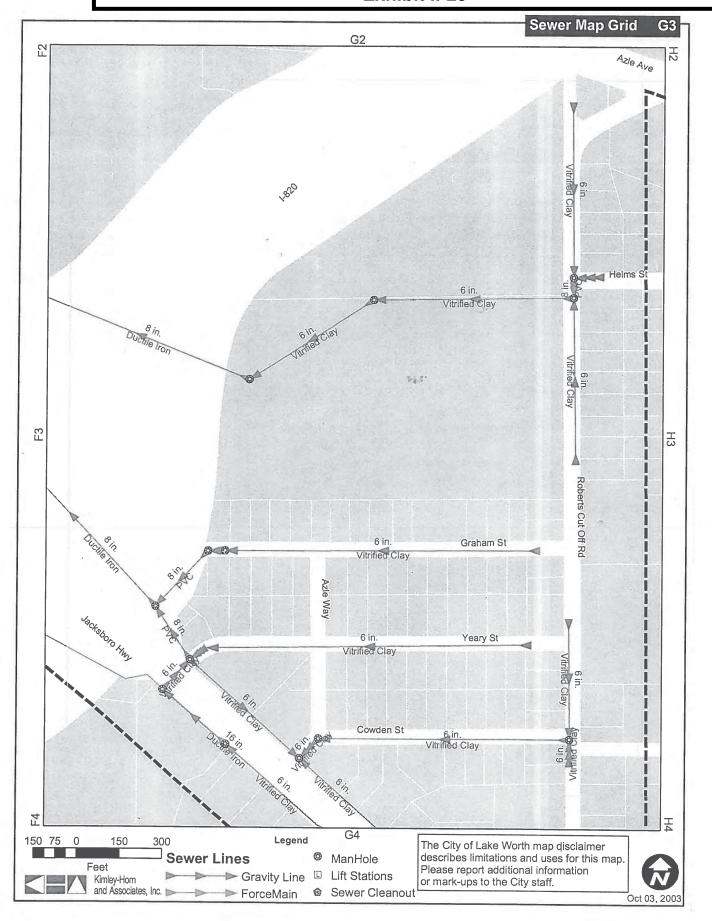


# City of Lake Worth – Existing Water and Waste Water Details Exhibit II-24

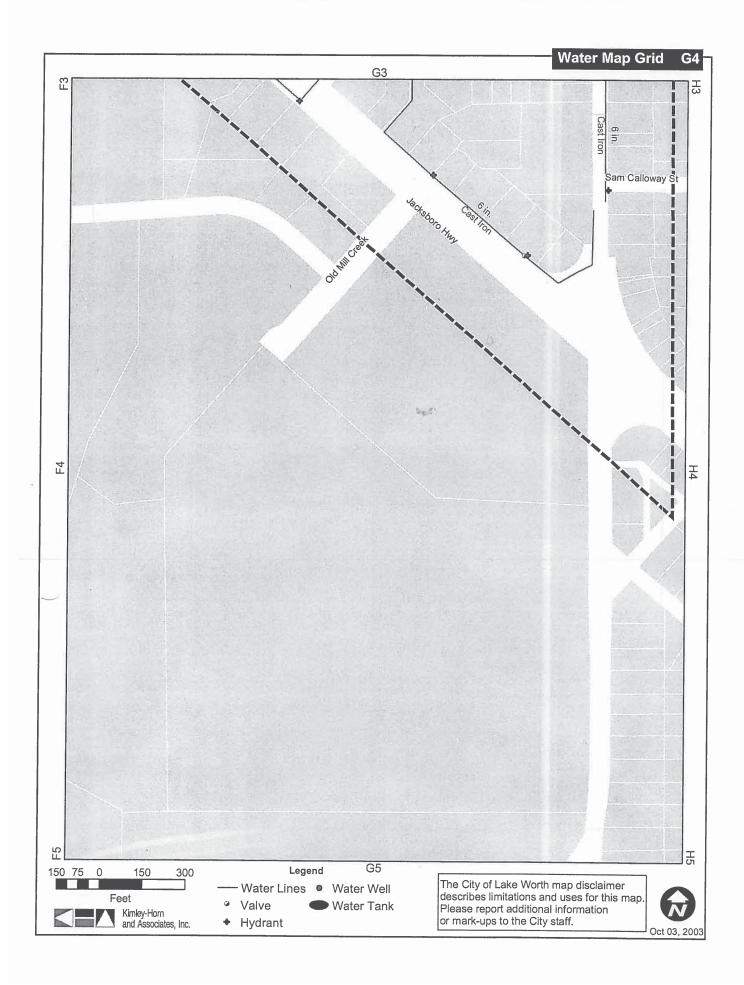




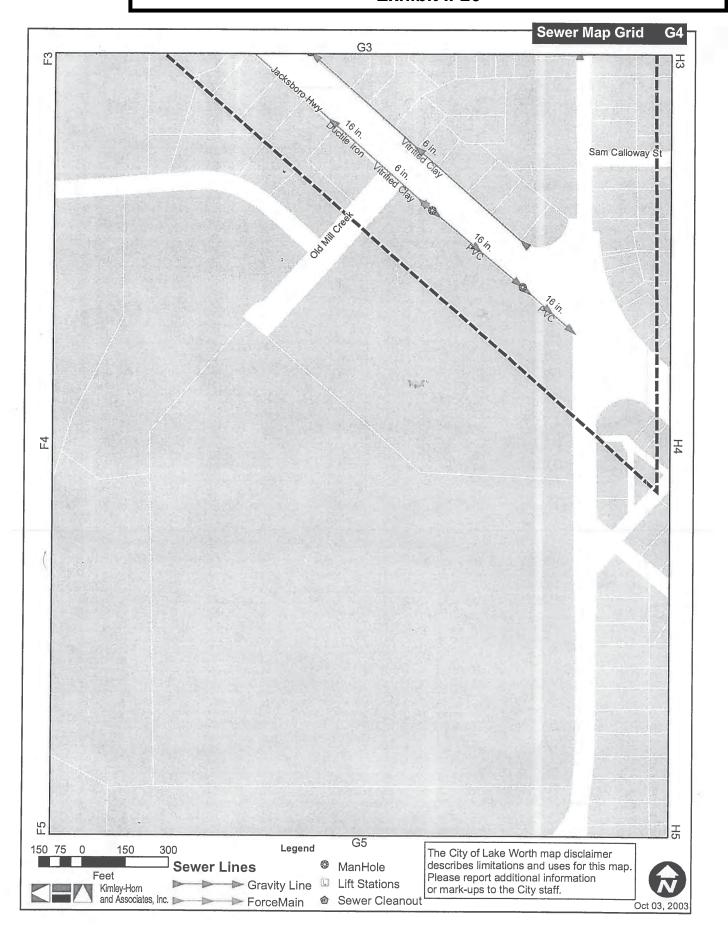
# City of Lake Worth – Existing Water and Waste Water Details Exhibit II-25



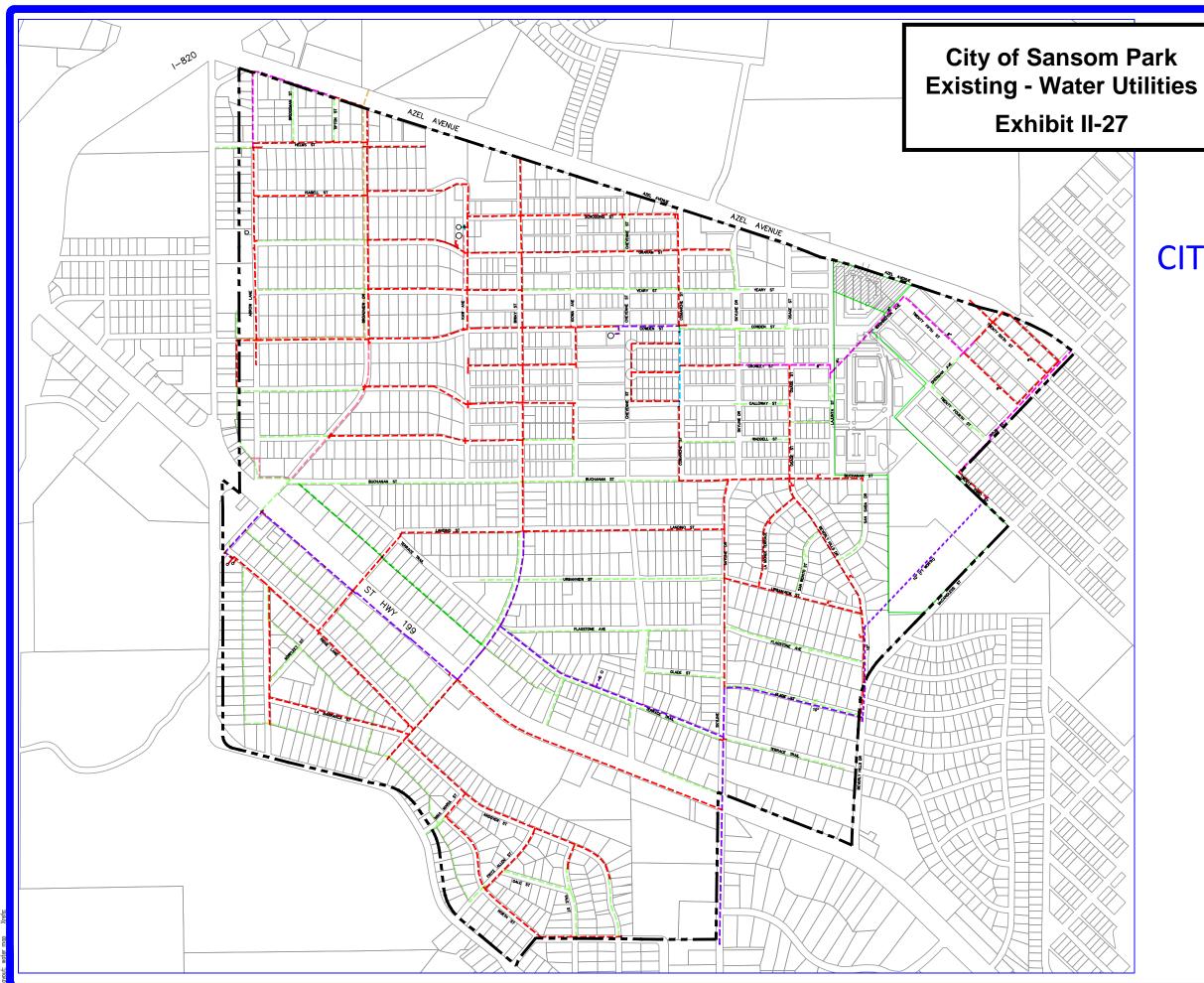
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# City of Lake Worth – Existing Water and Waste Water Details Exhibit II-26



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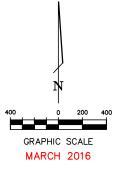


## CITY OF SANSOM PARK

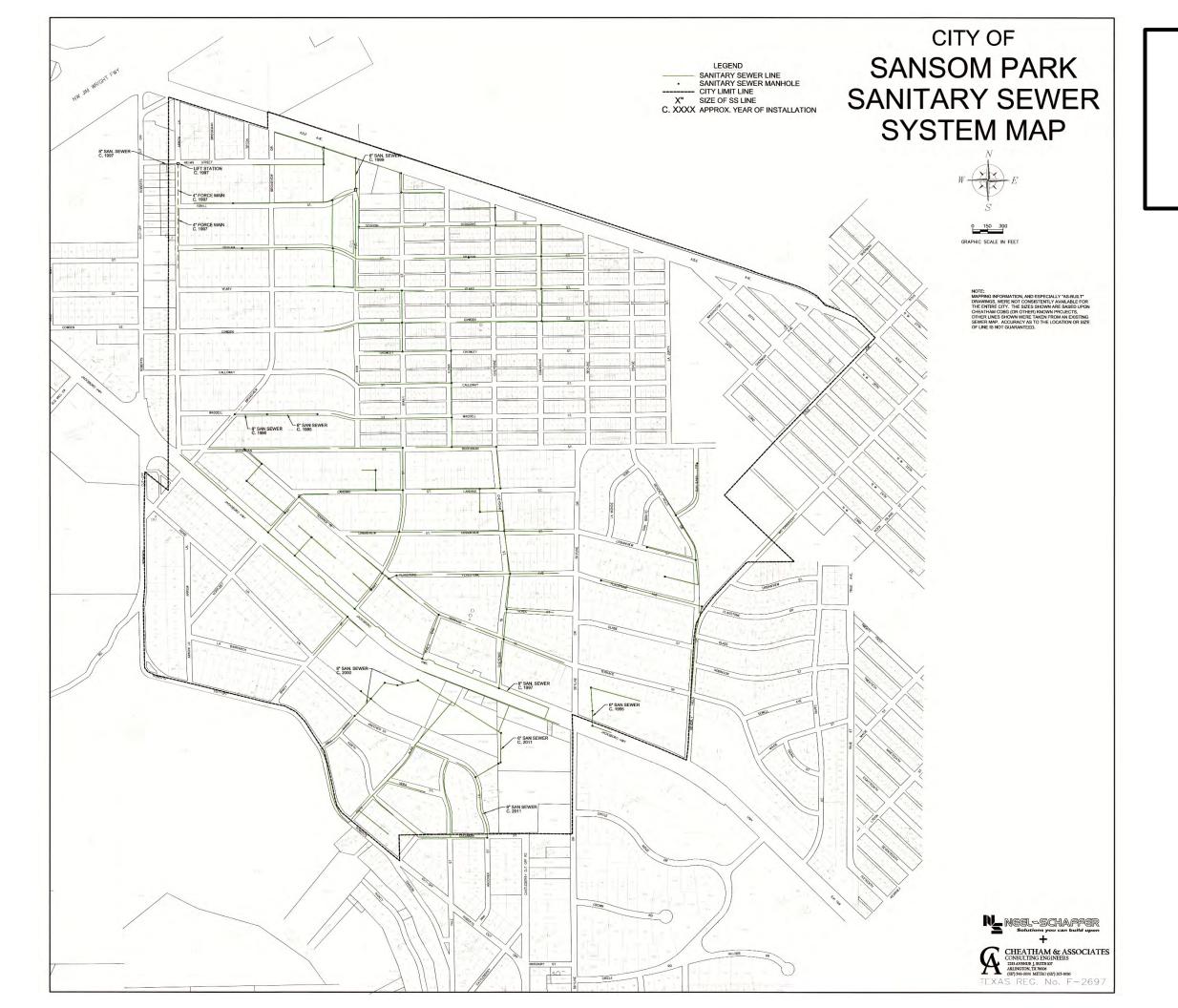
## **WATER MAP**

### WATER LEGEND

---- 2" Water Lines
---- 4" Water Lines
---- 6" Water Lines
---- 8" Water Lines
---- 10" Water Lines
---- 12" Water Lines
---- Fort Worth Lines

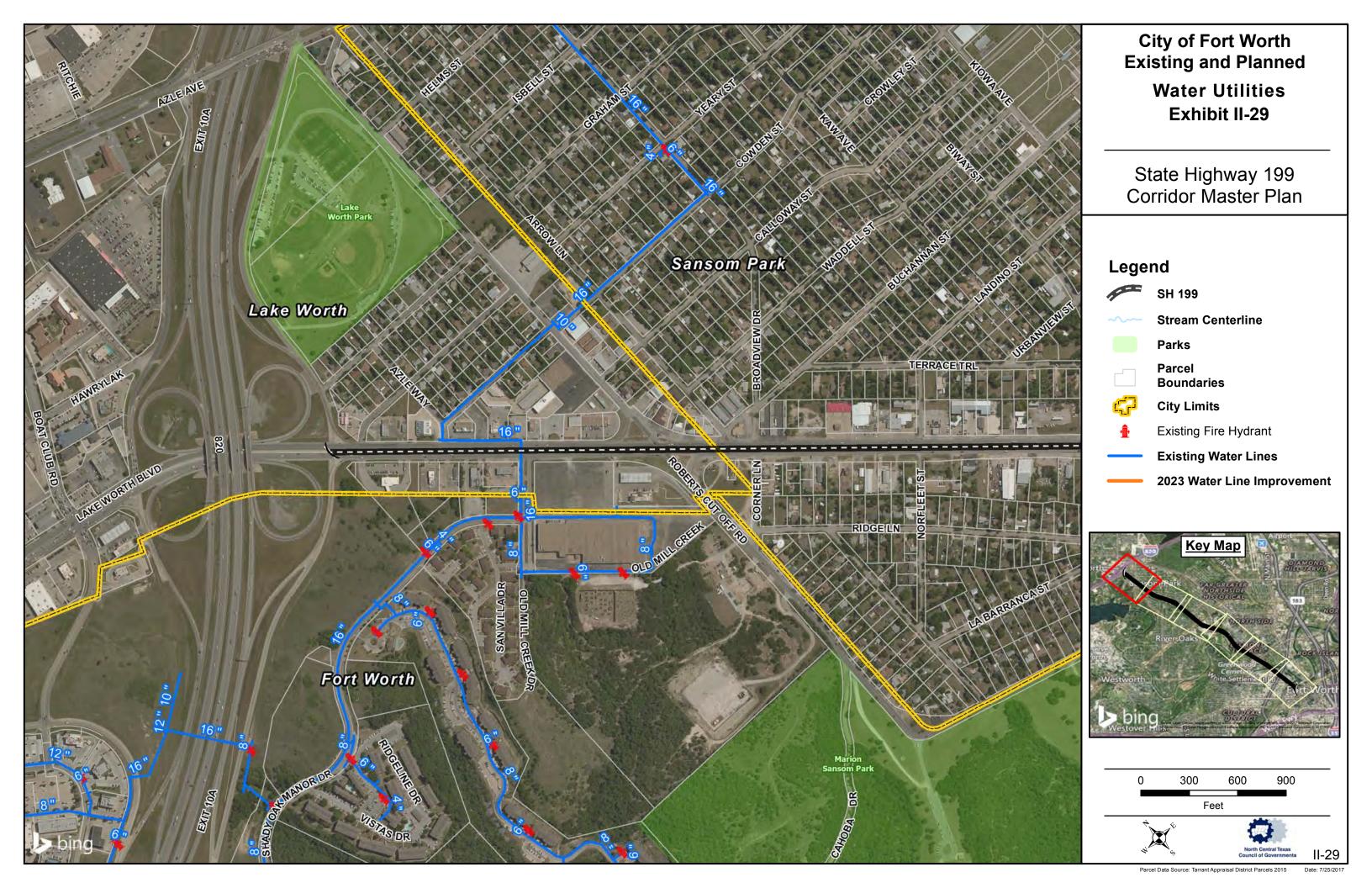


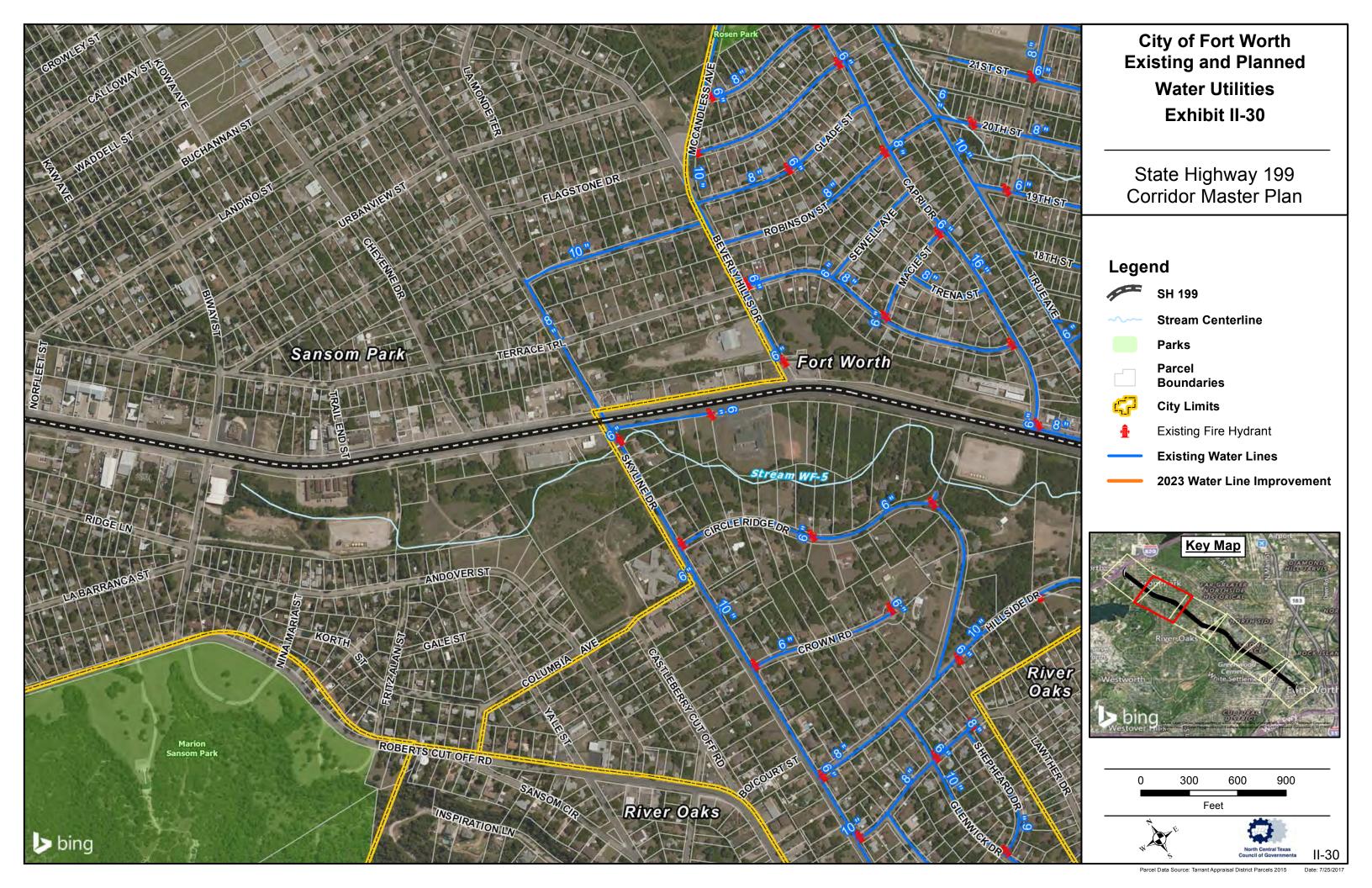


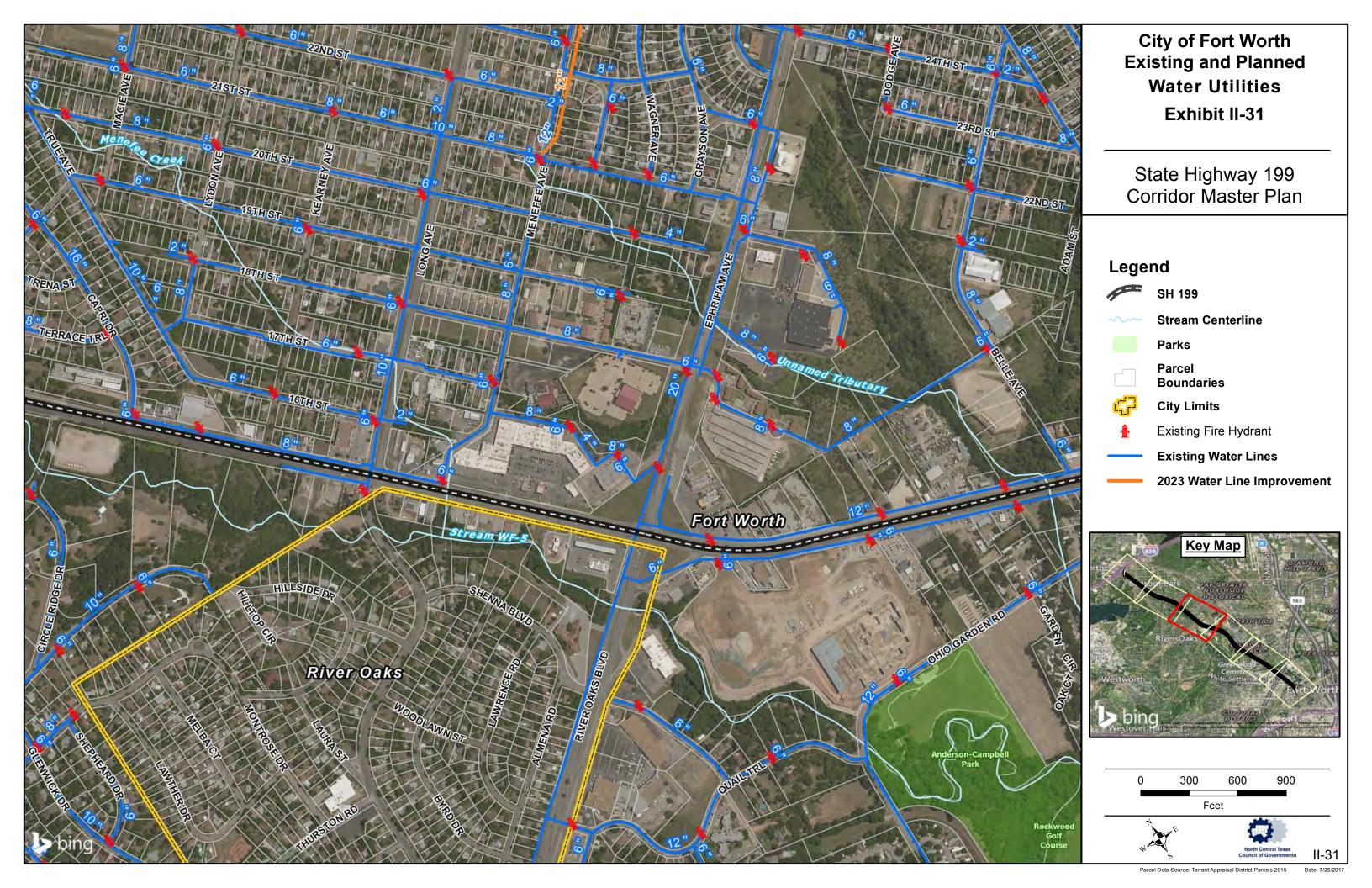


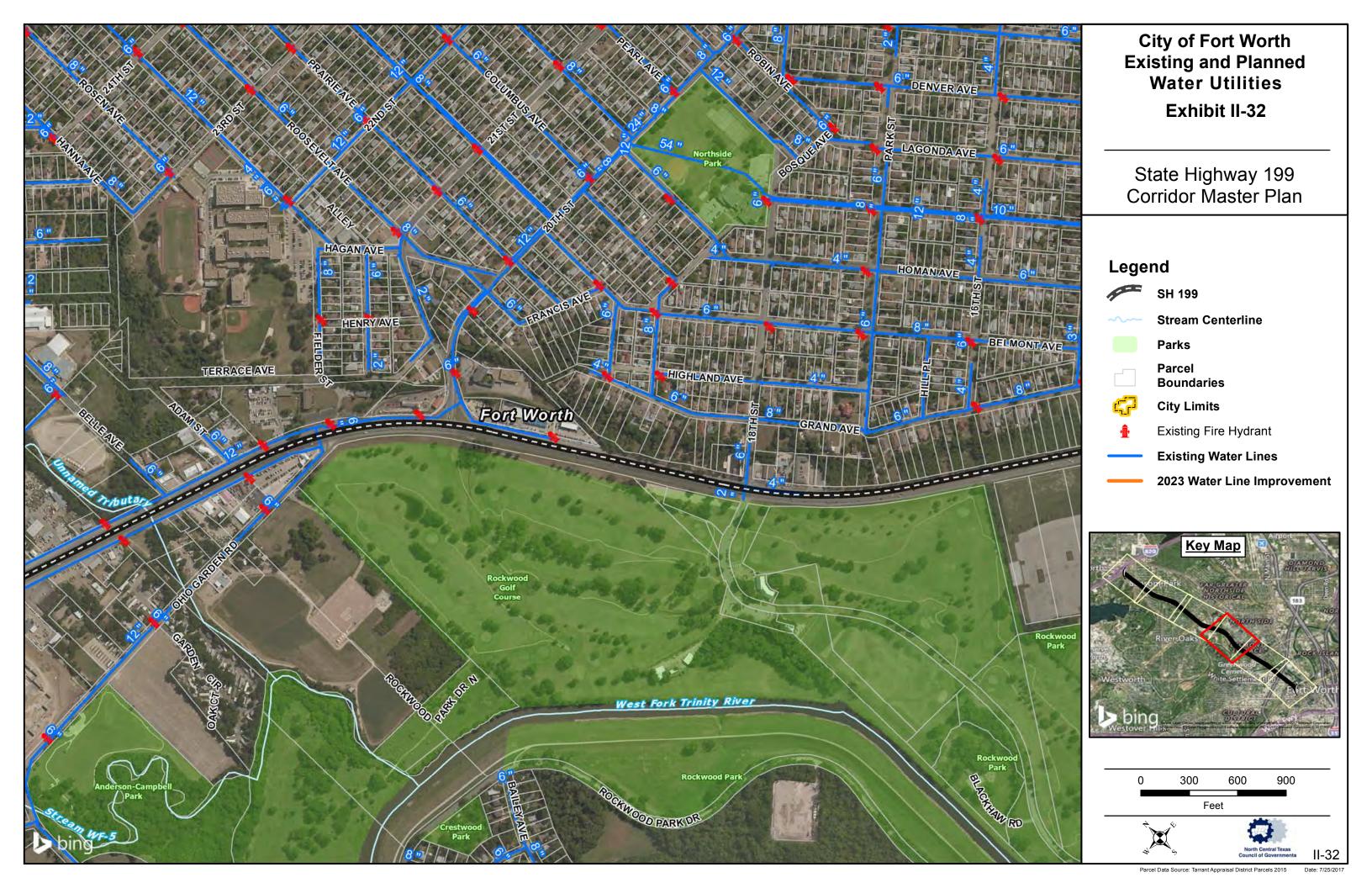
City of Sansom Park —
Existing —
Waste Water Utilities

Exhibit II-28



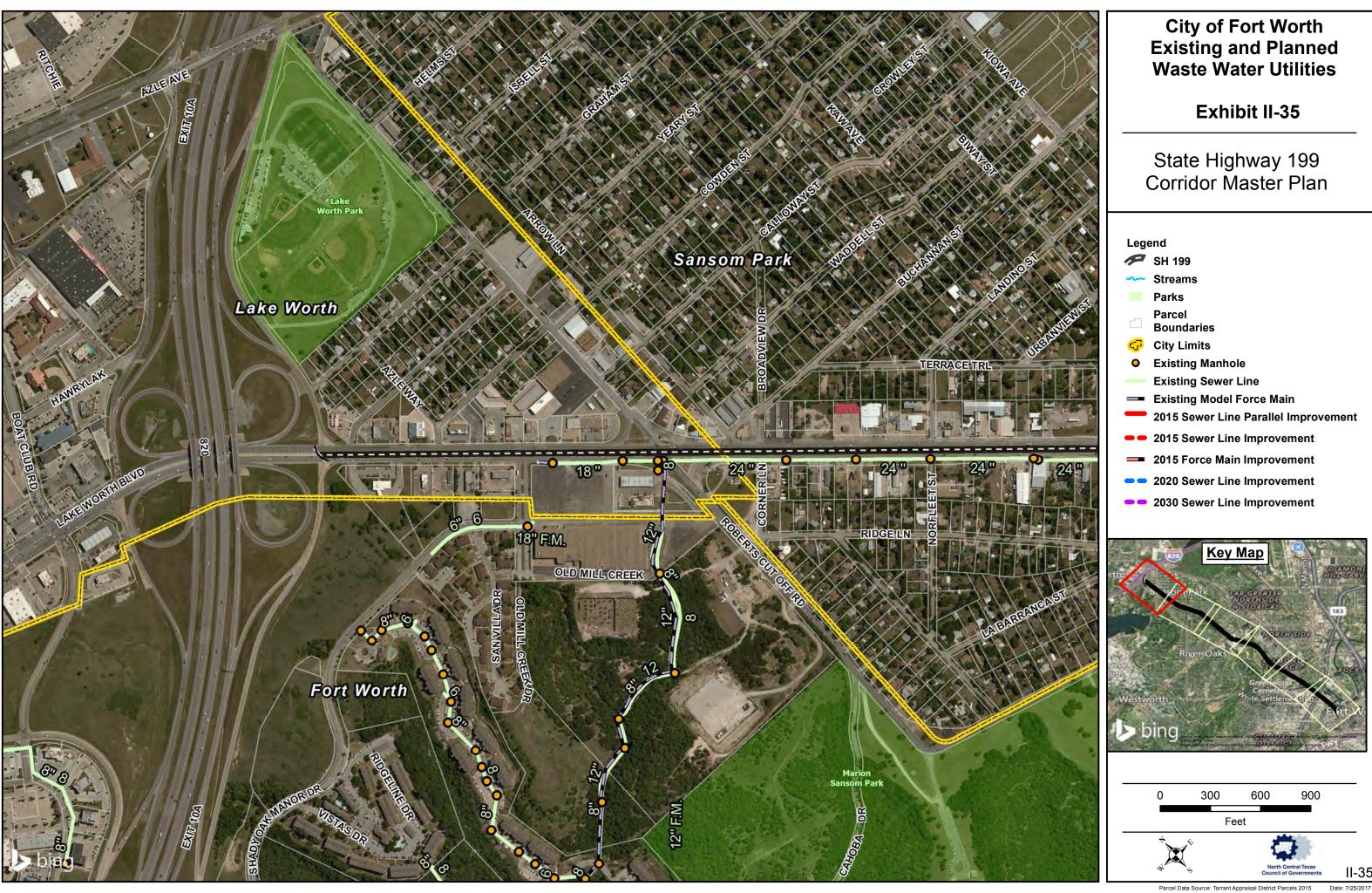


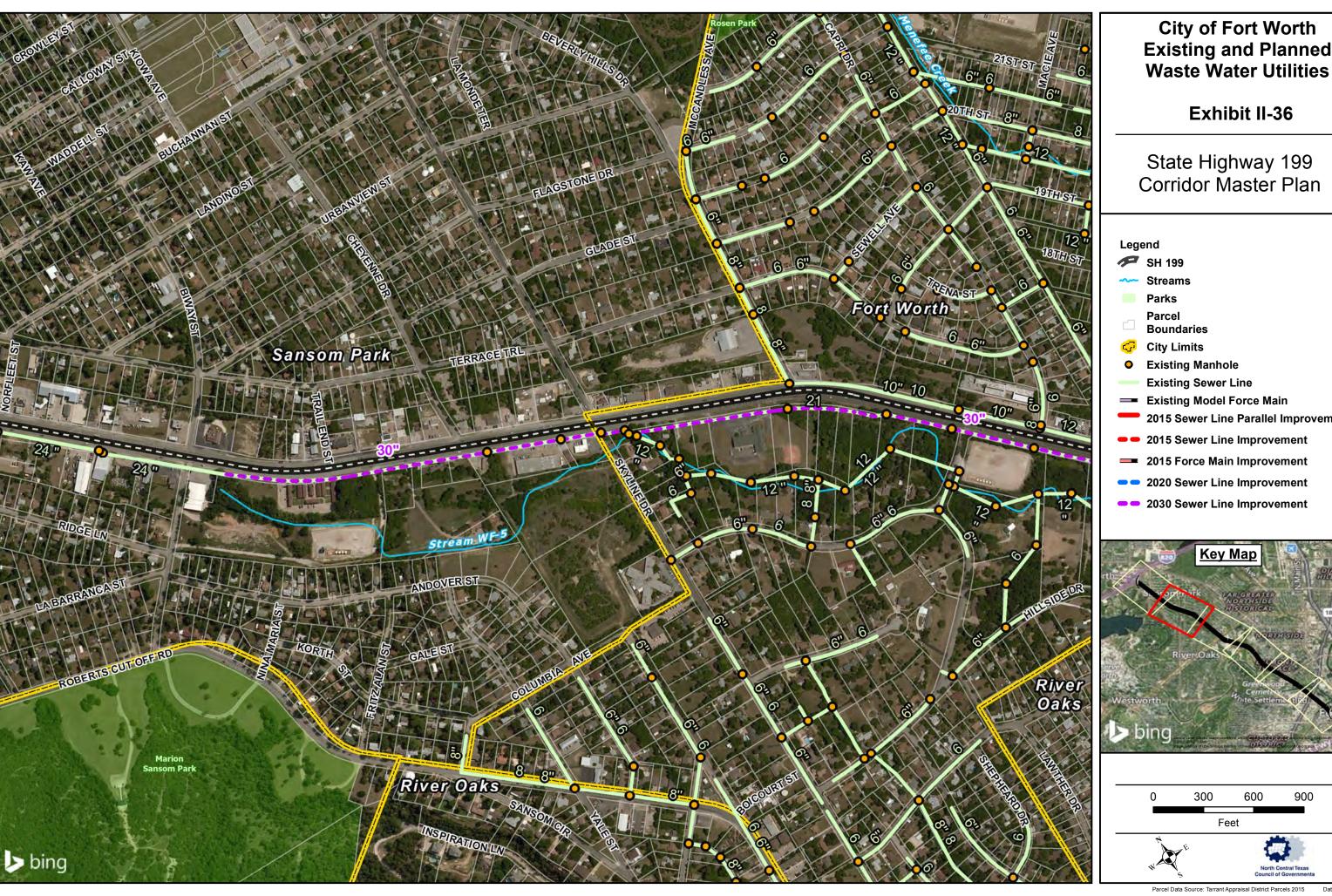










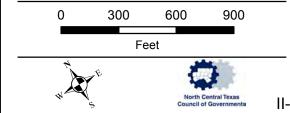


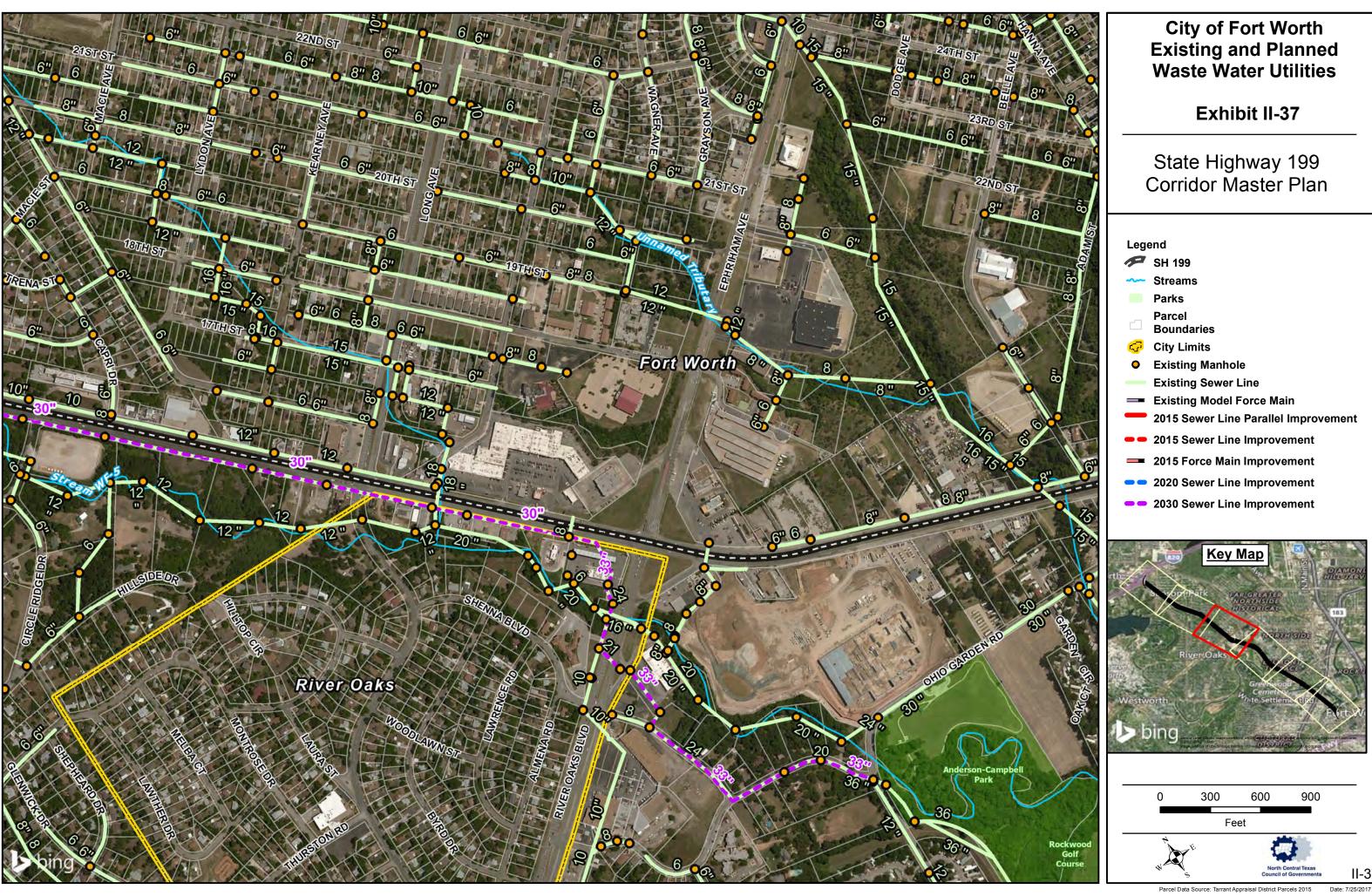
## **Existing and Planned**

State Highway 199

- 2015 Sewer Line Parallel Improvement

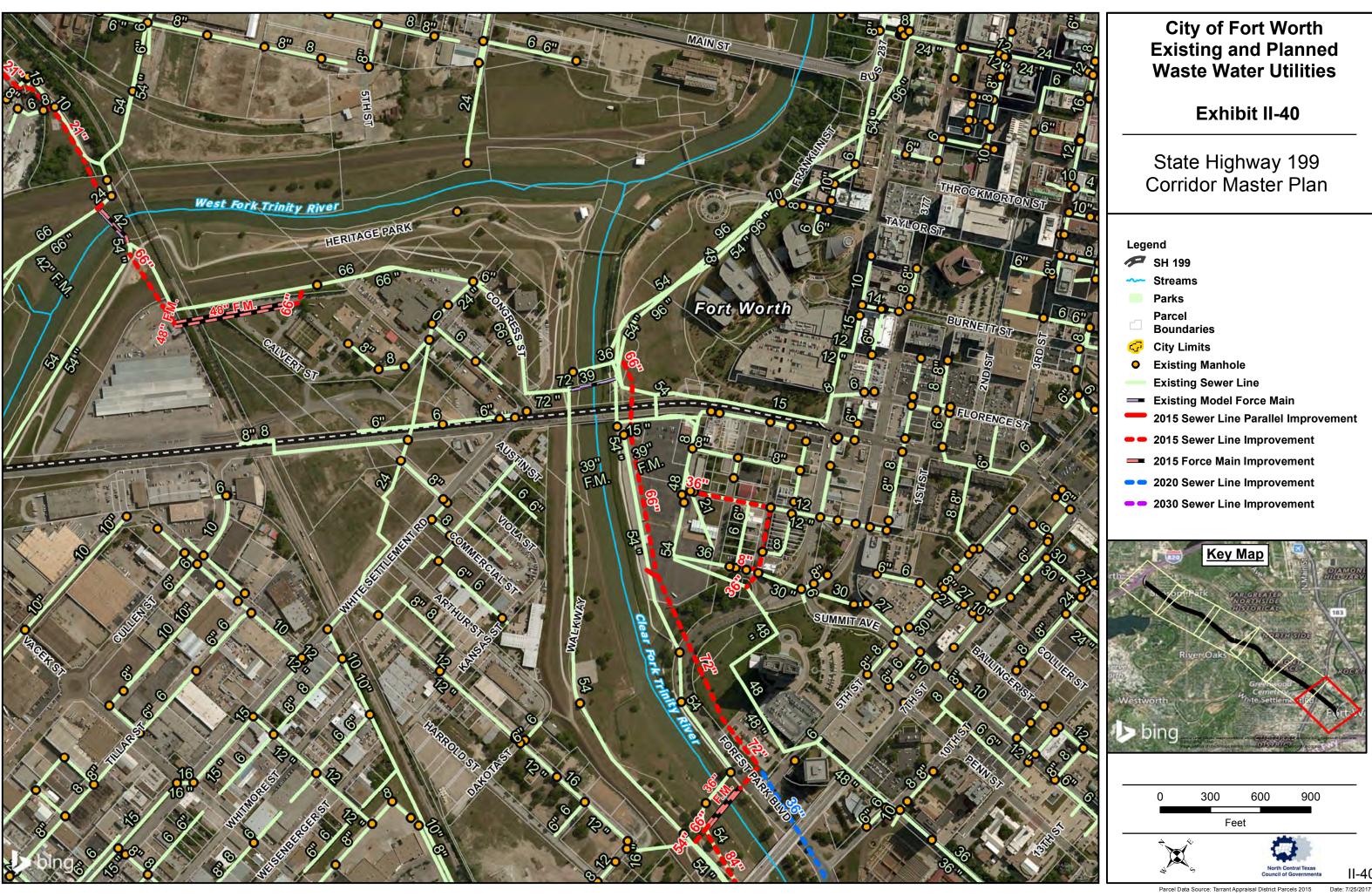


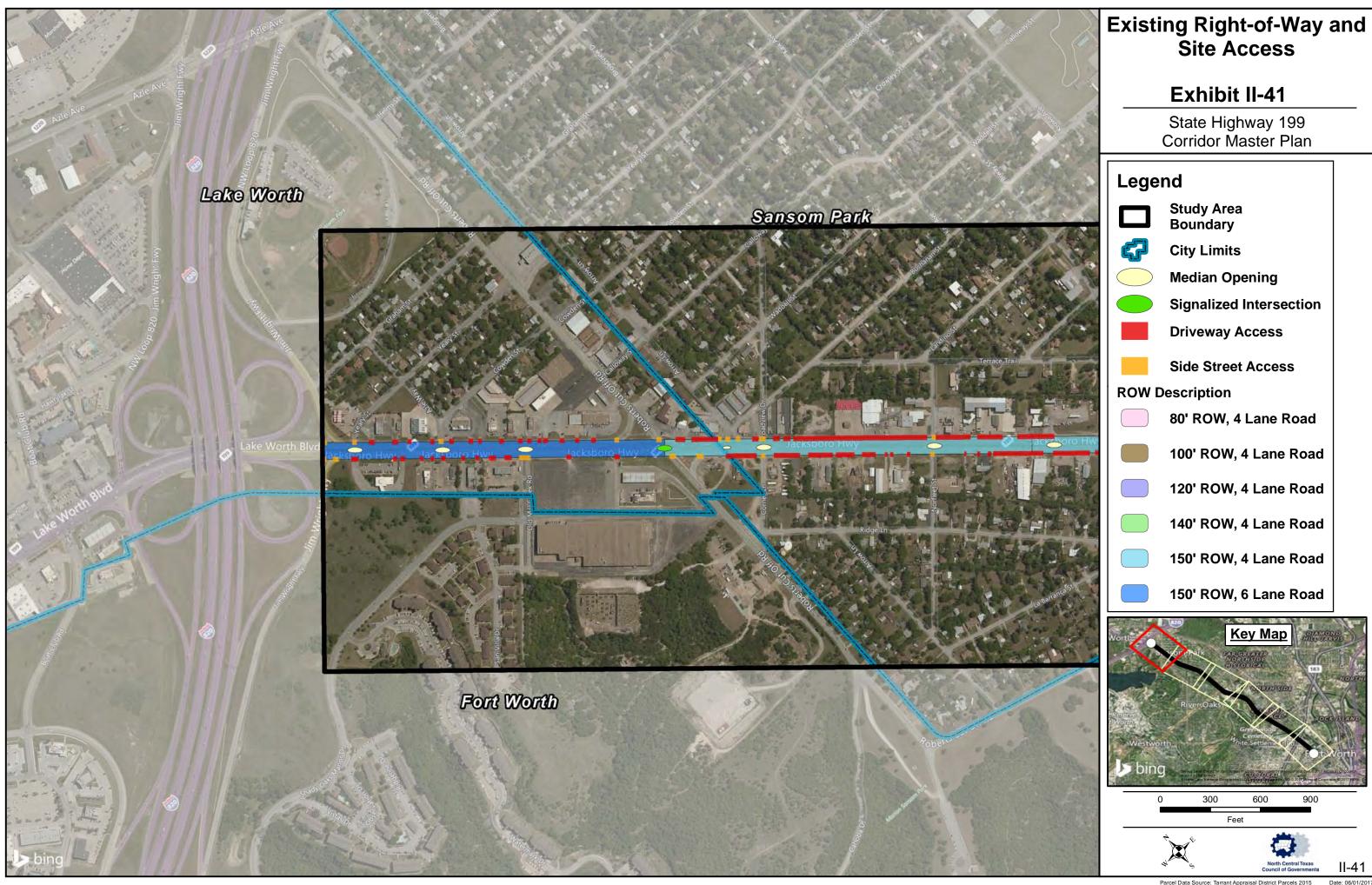




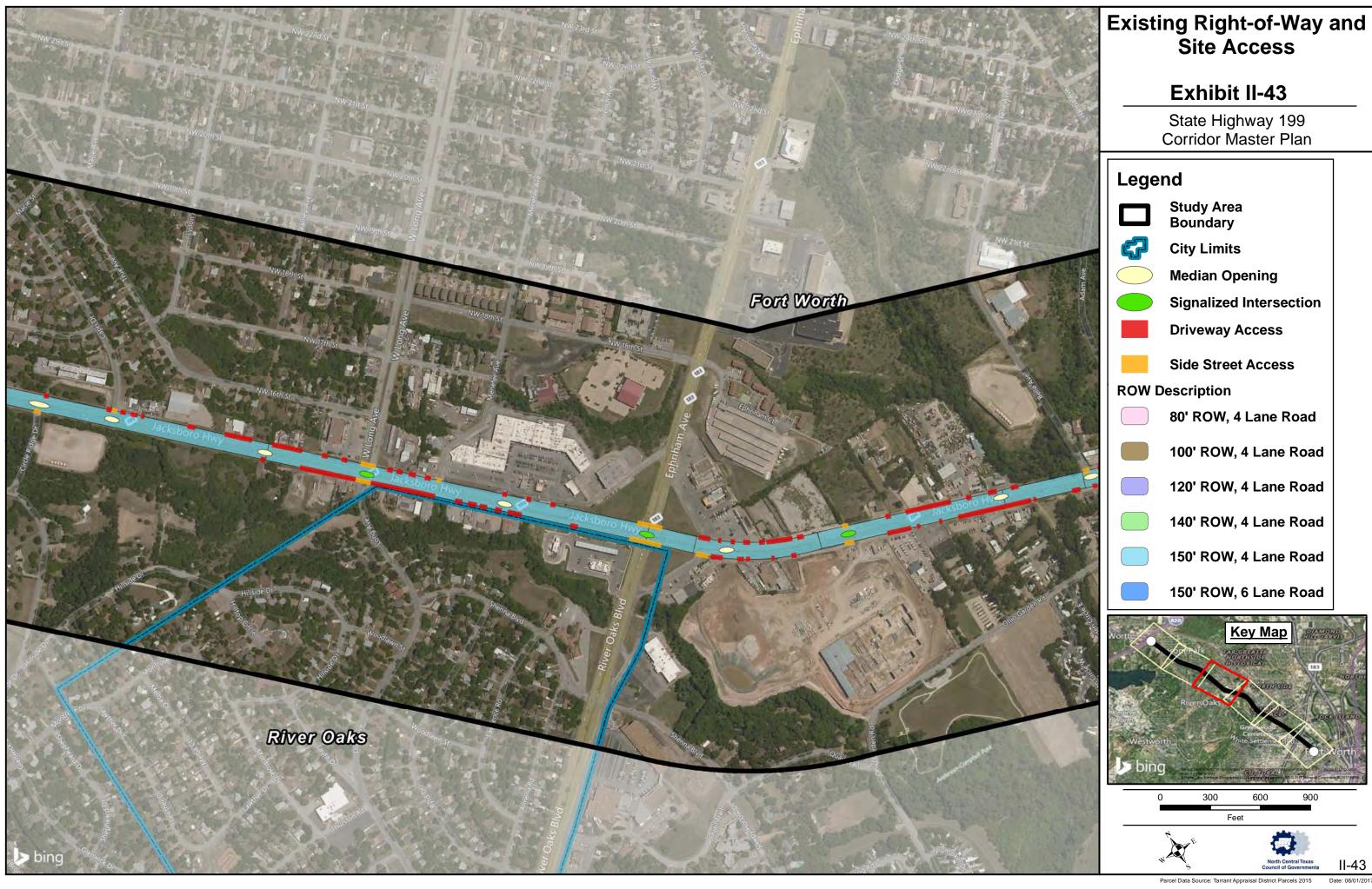


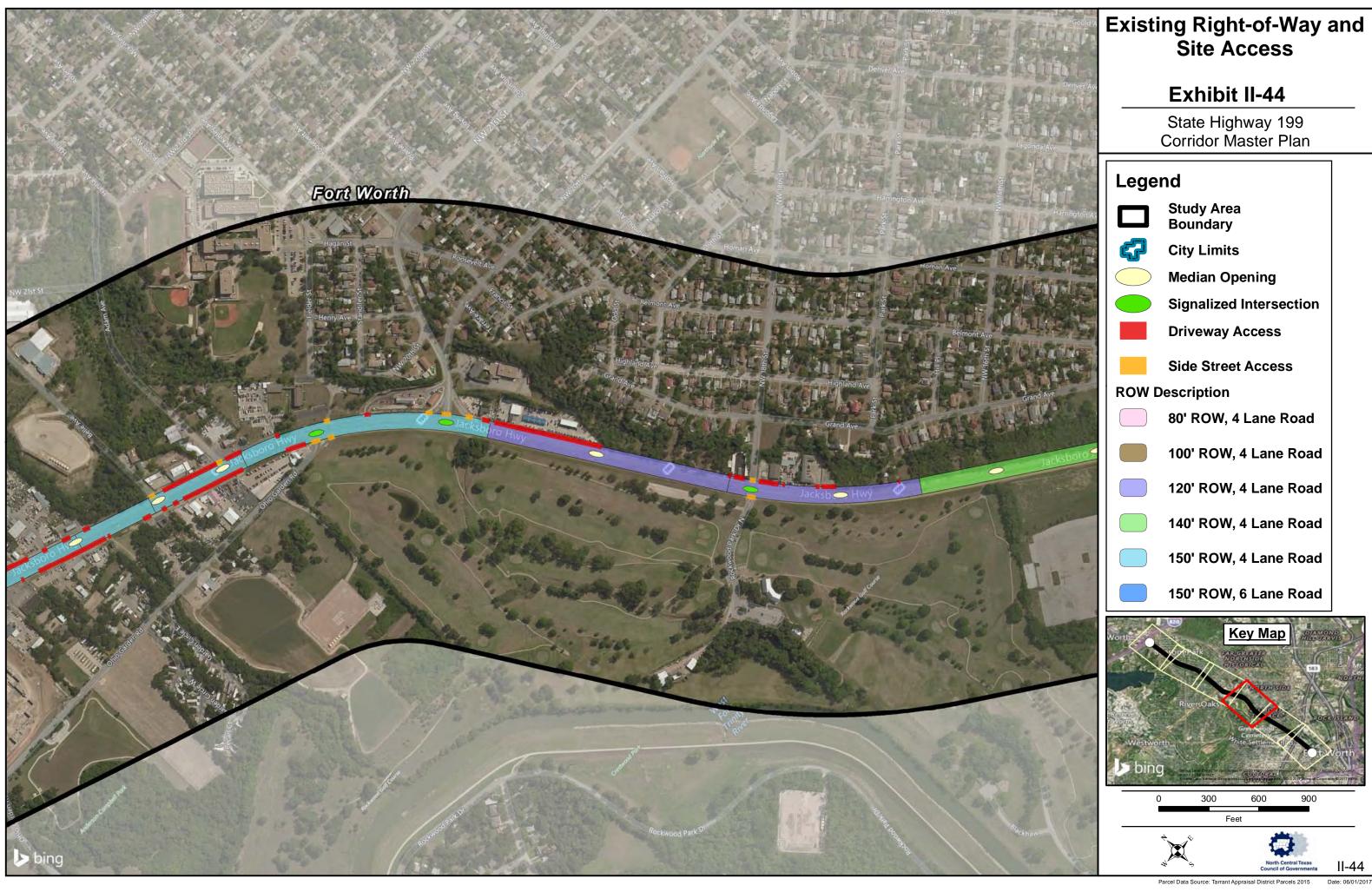


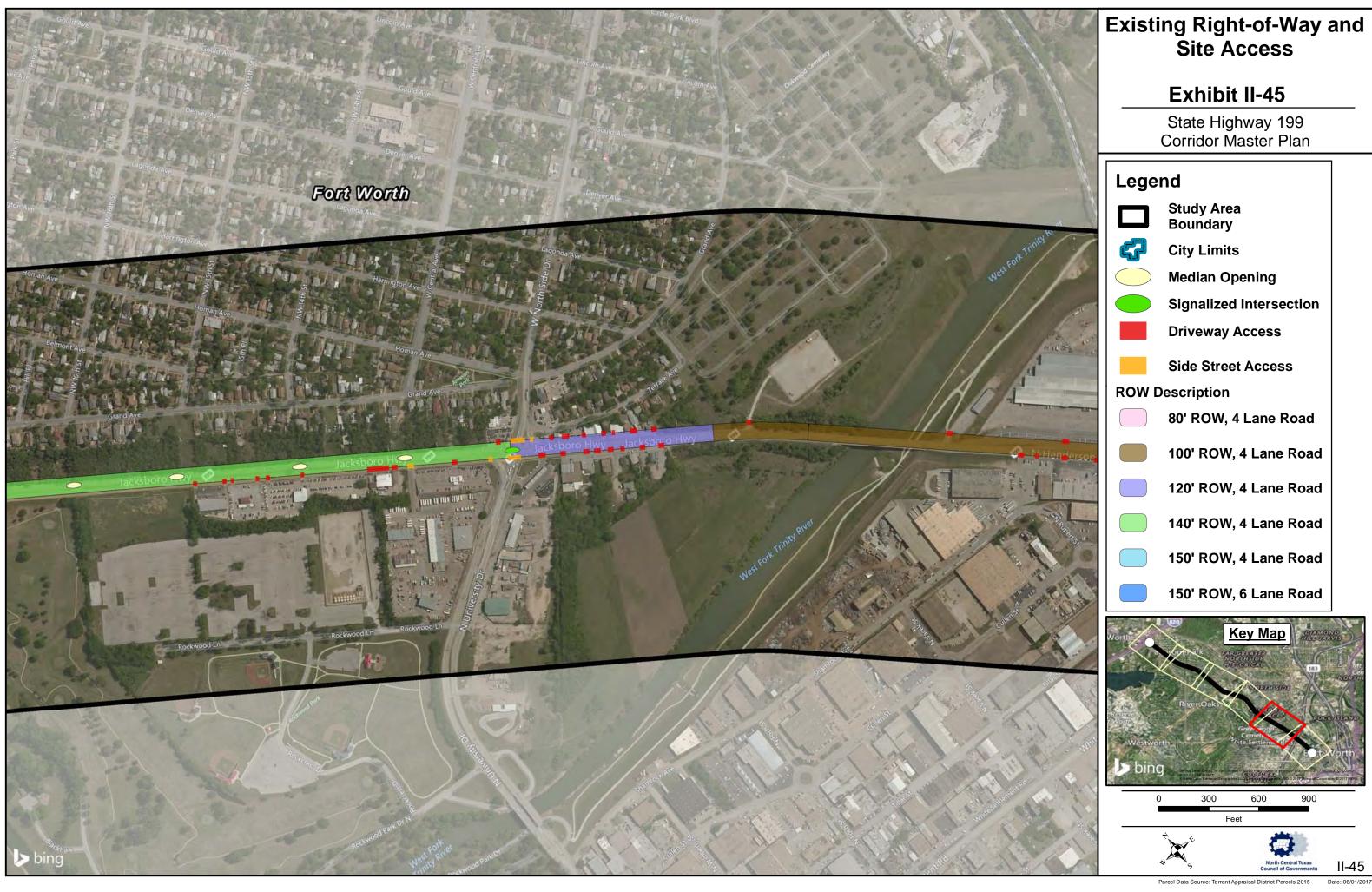


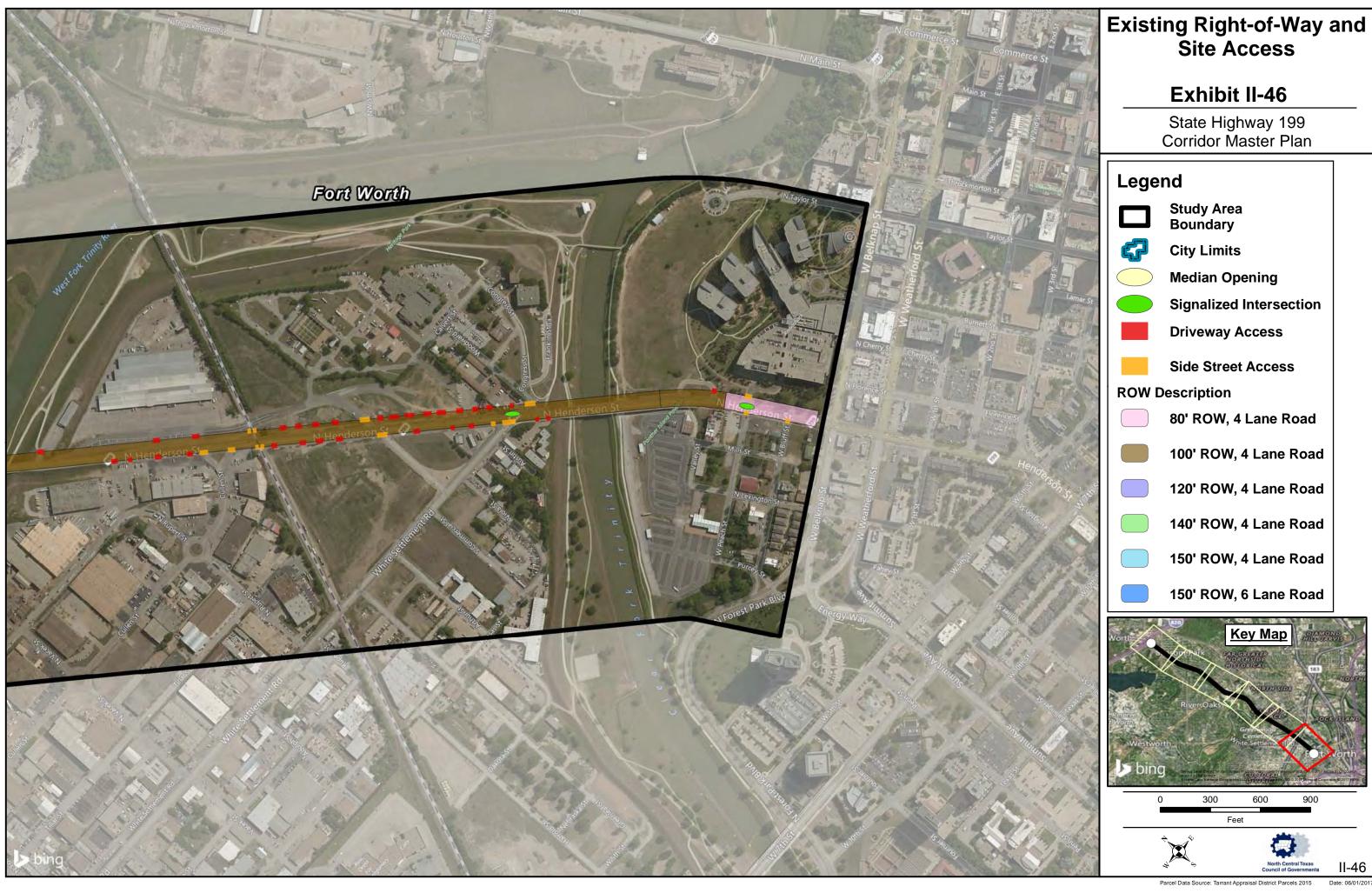


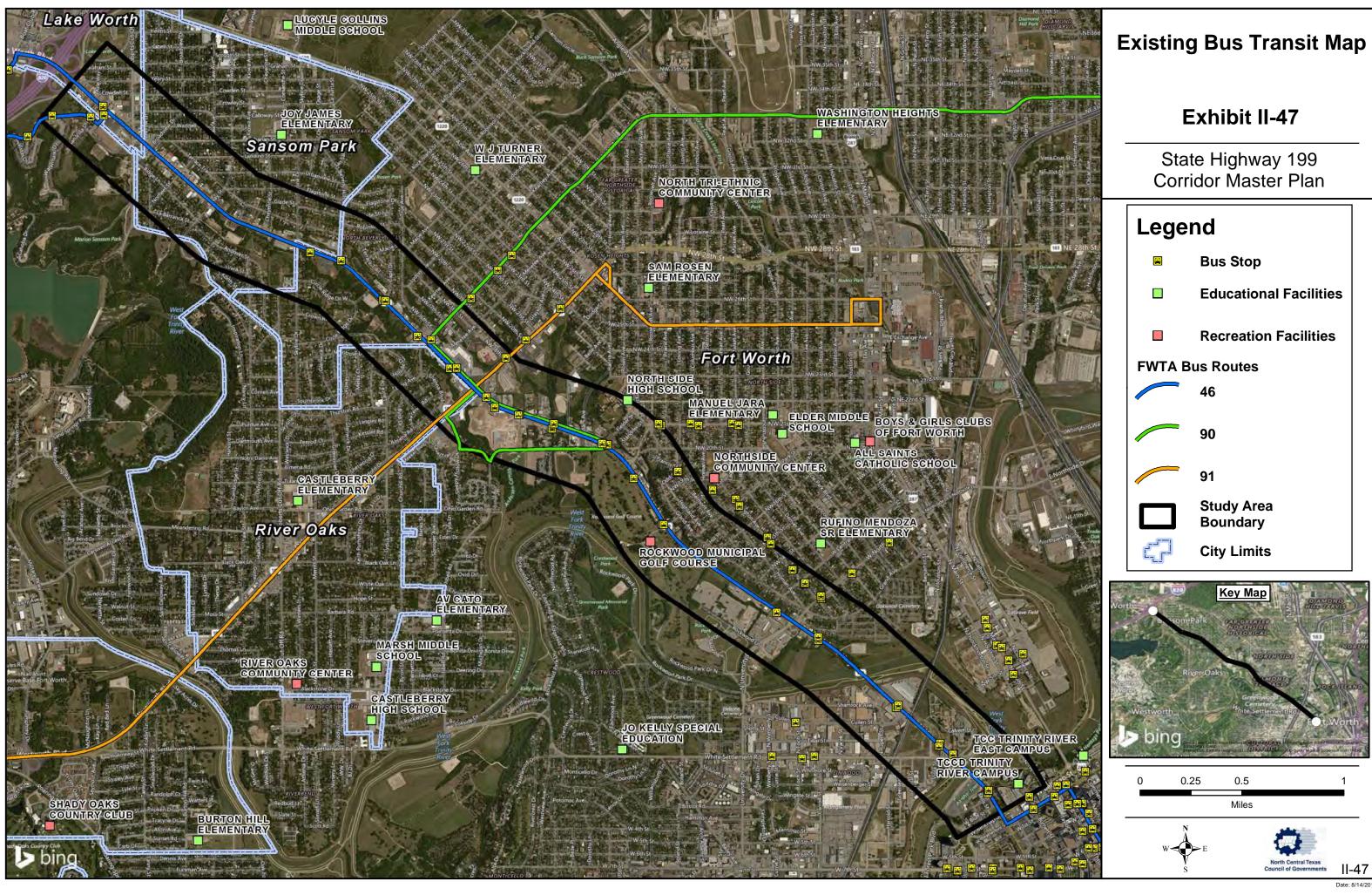


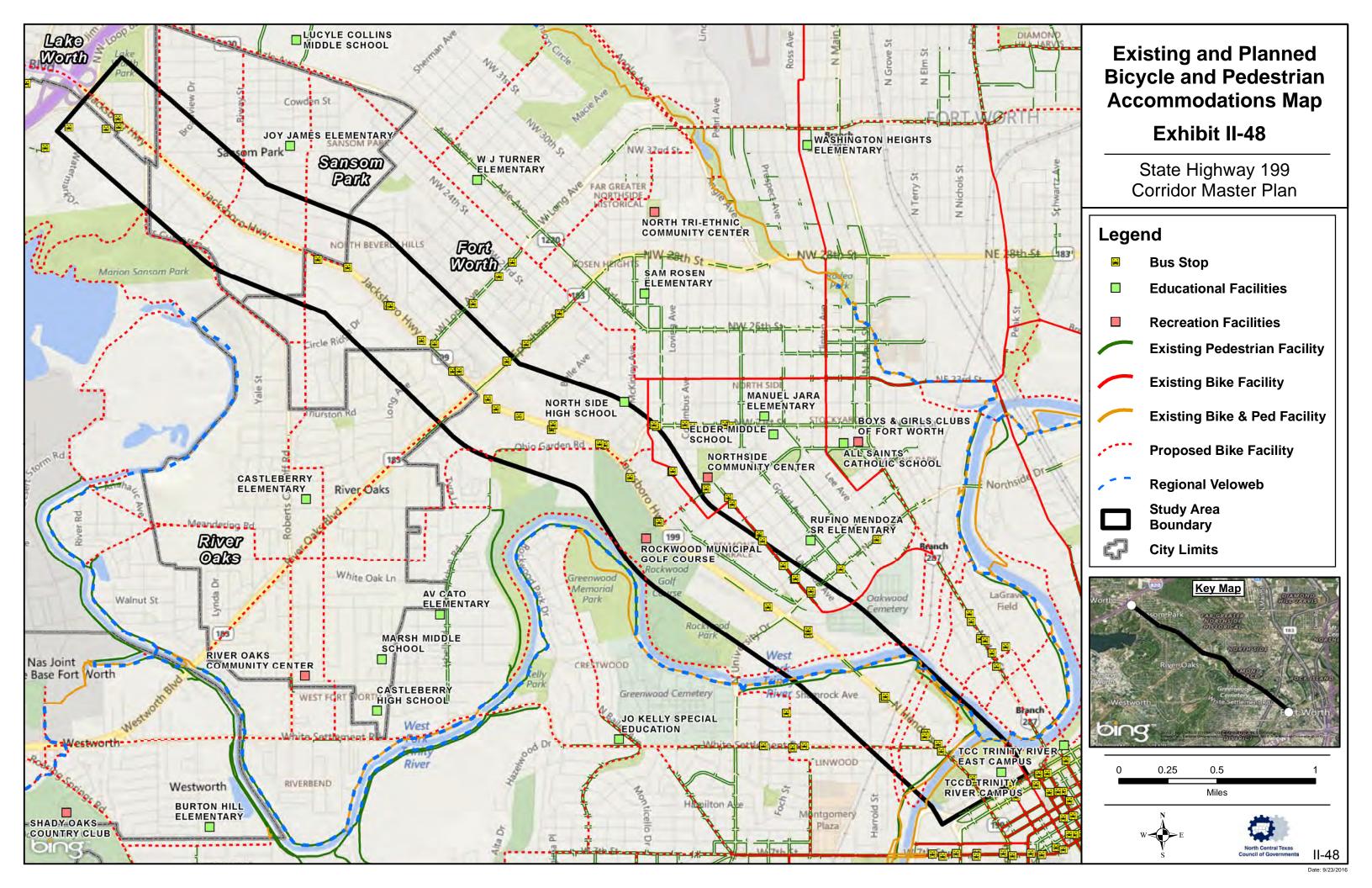


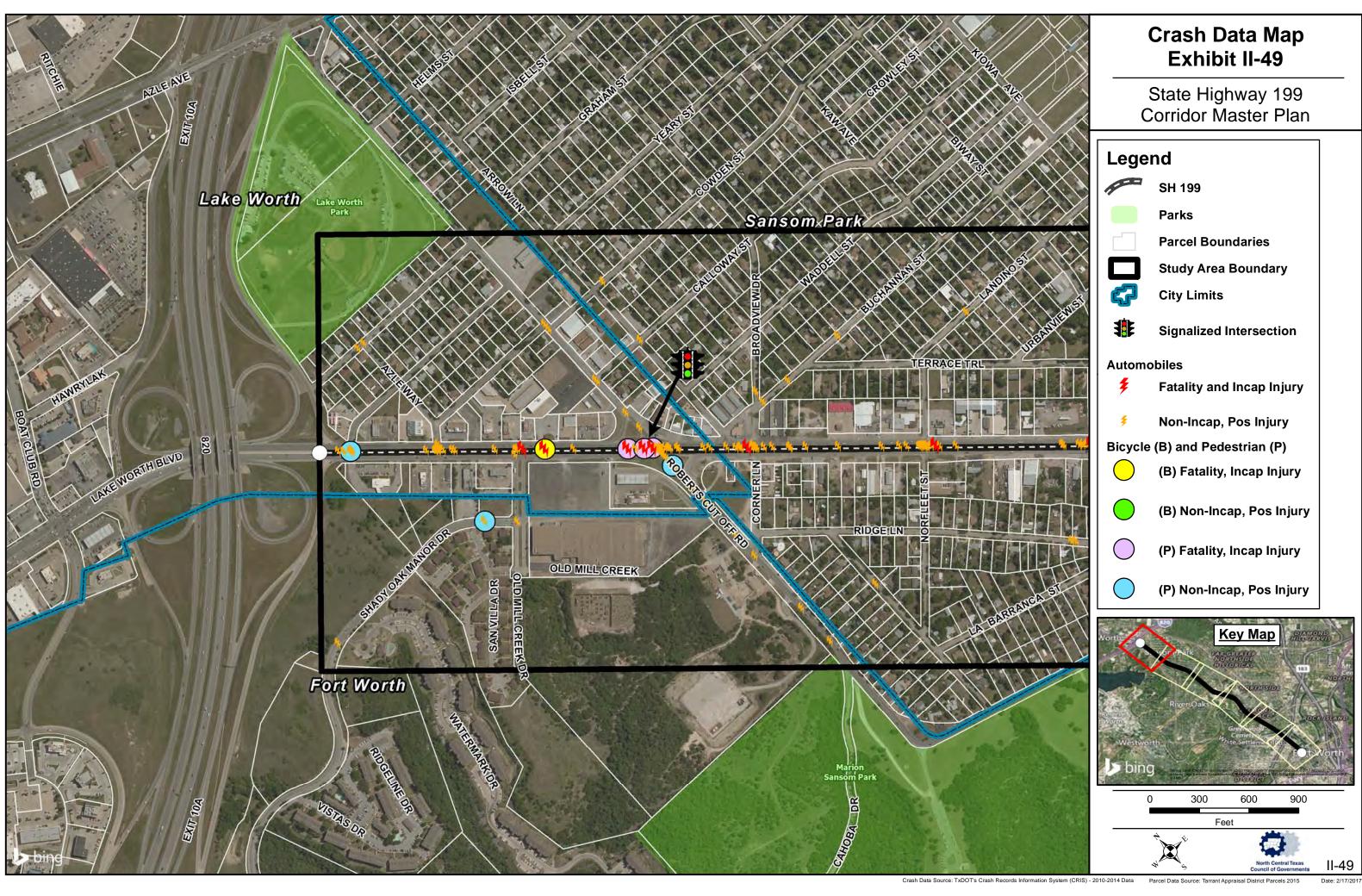


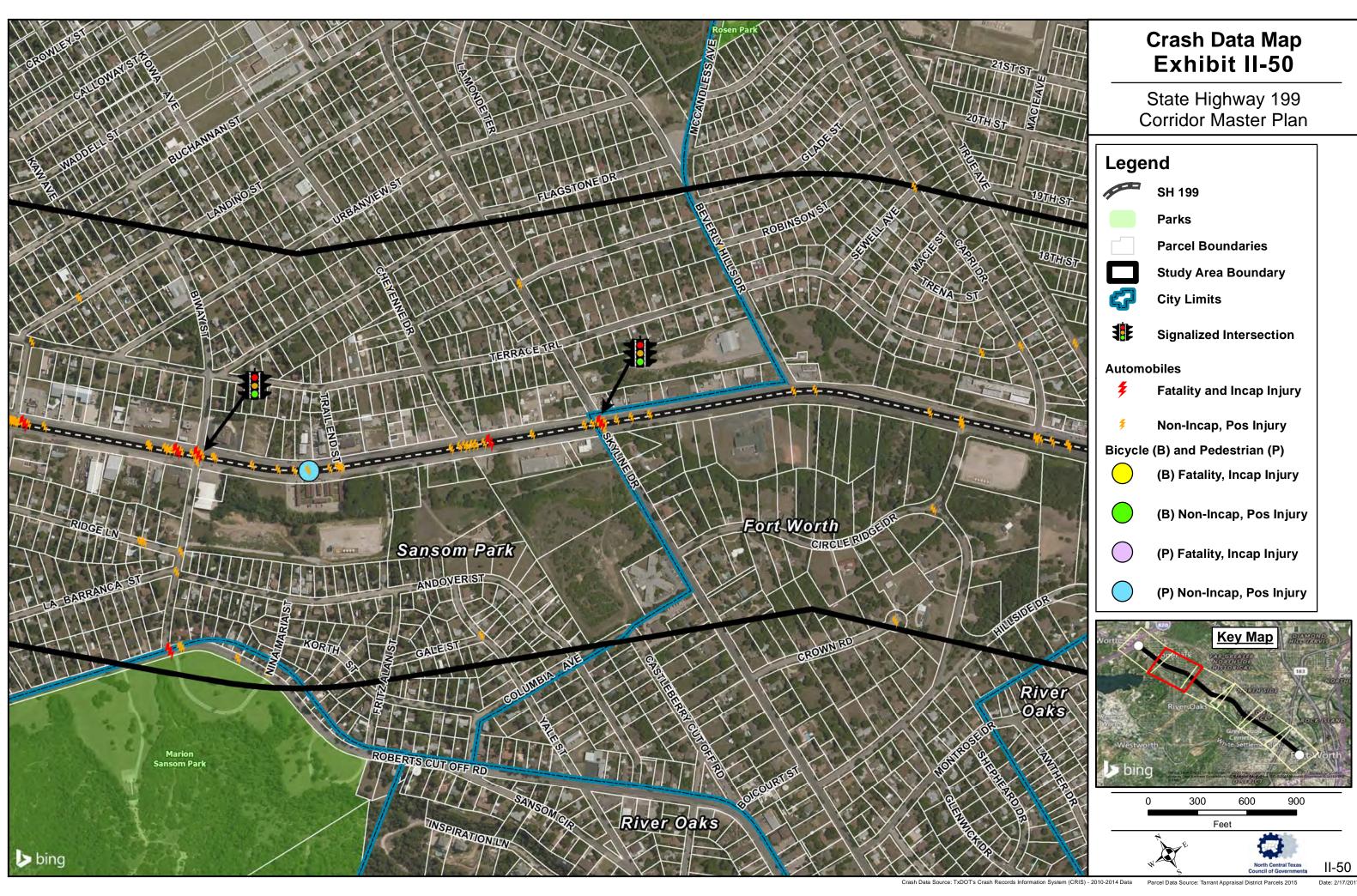


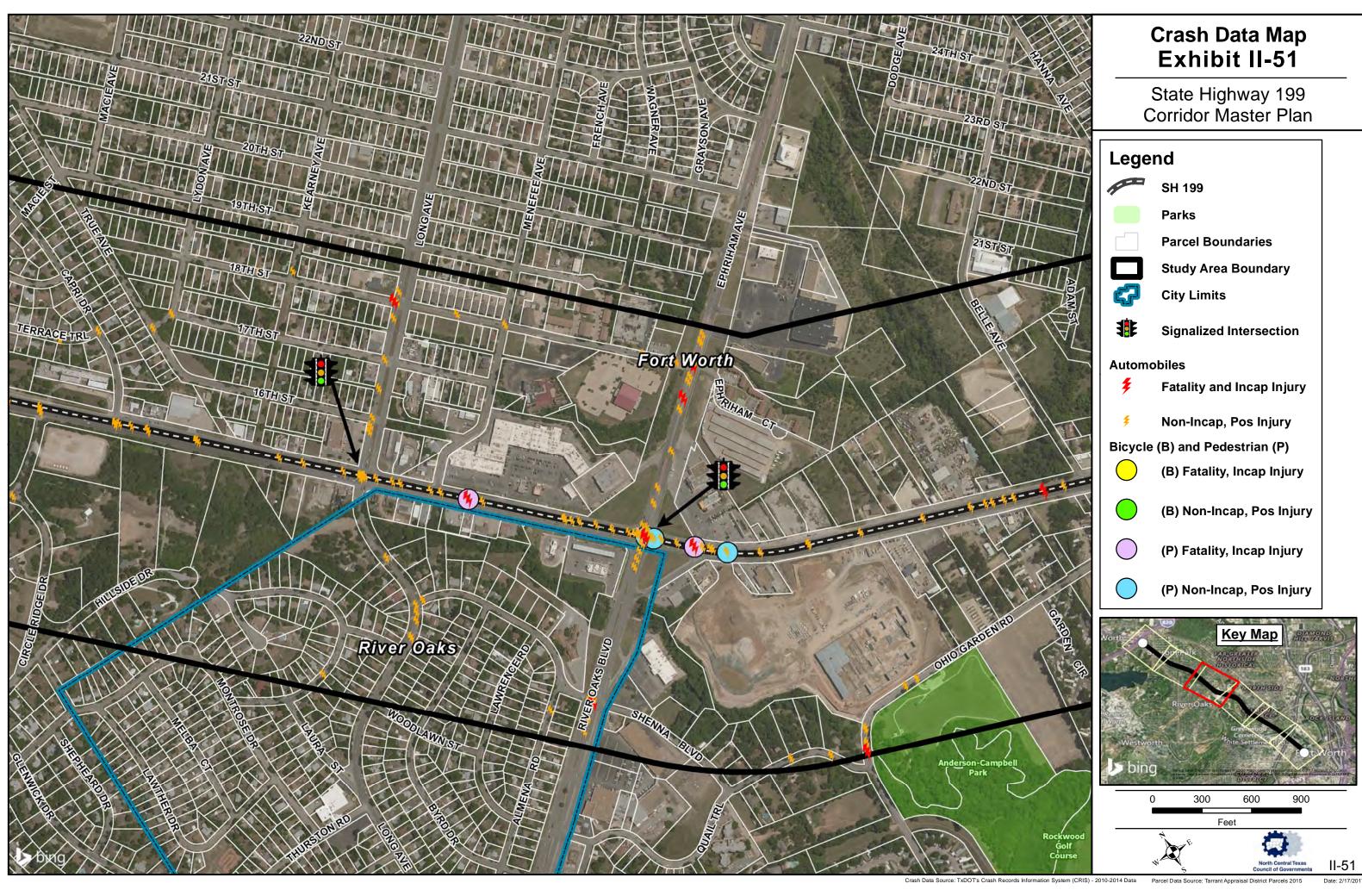


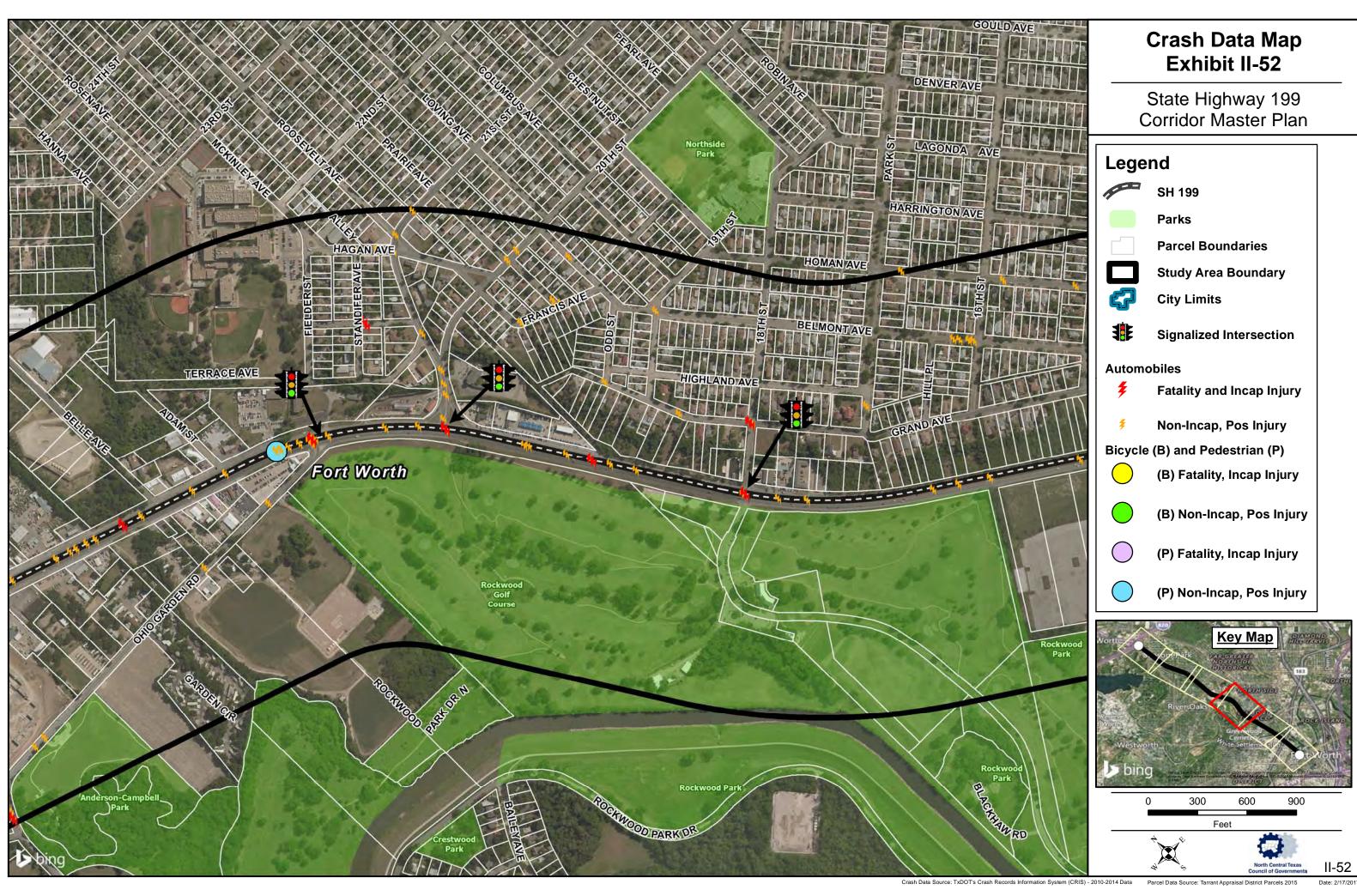




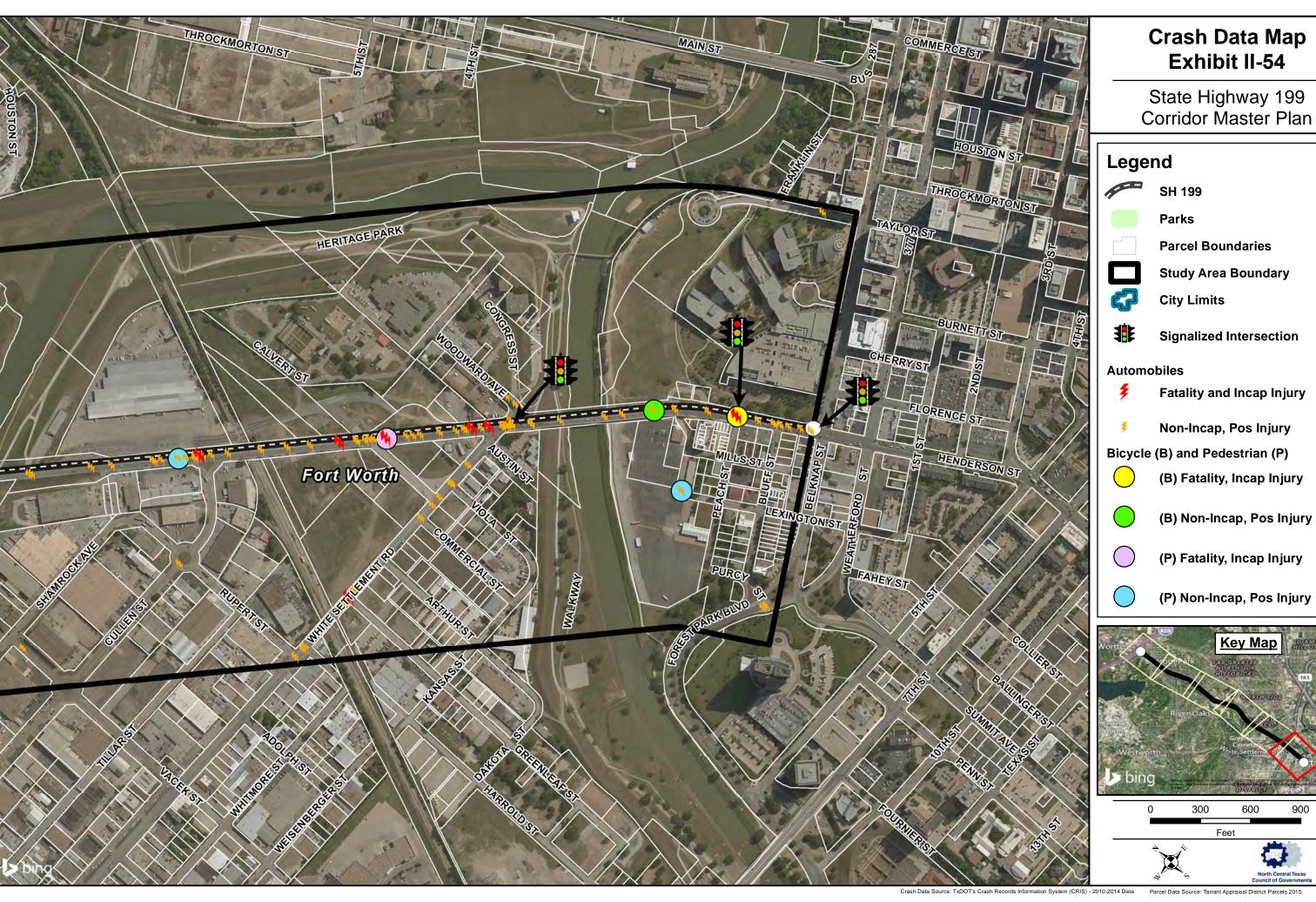








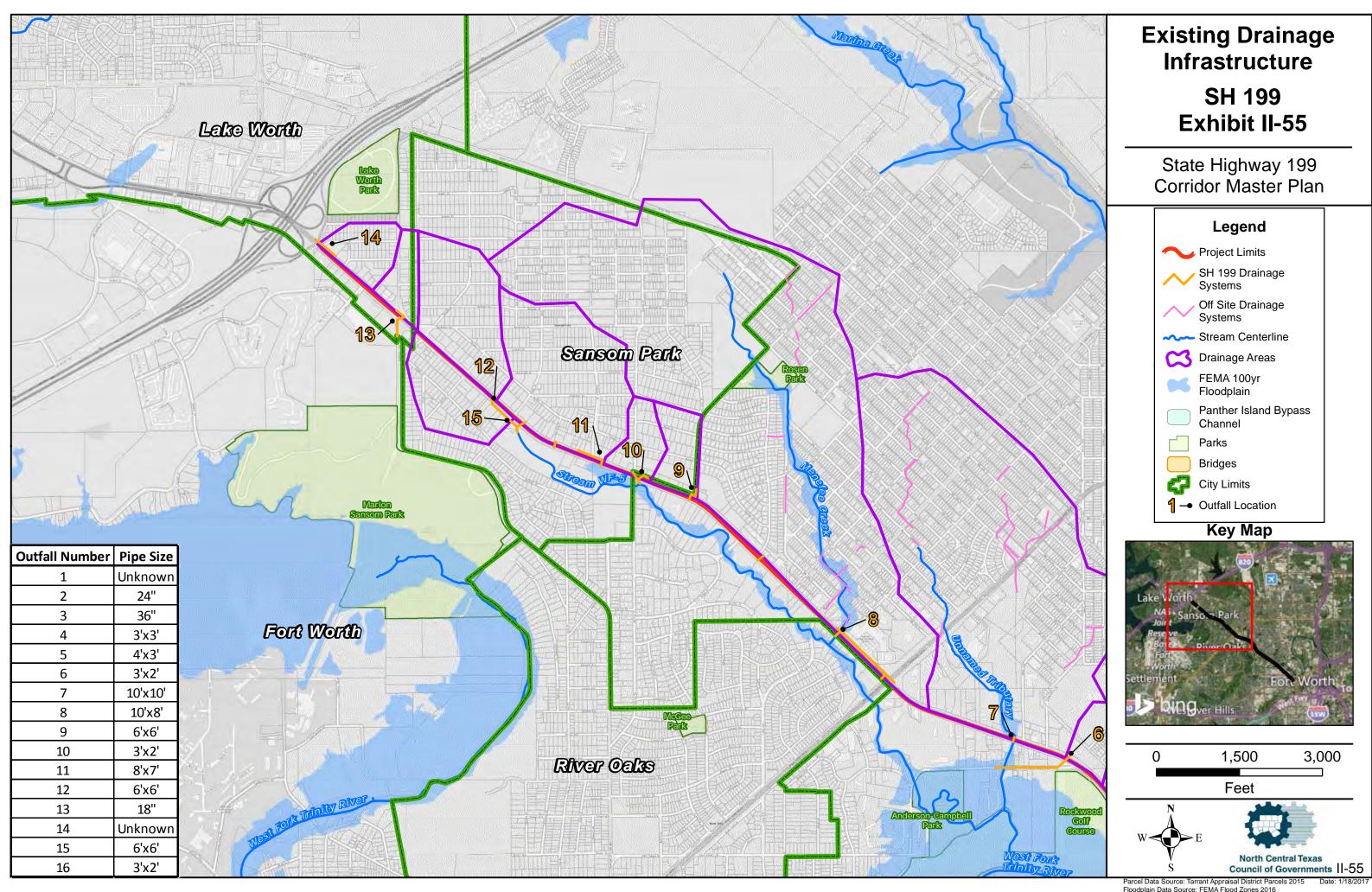


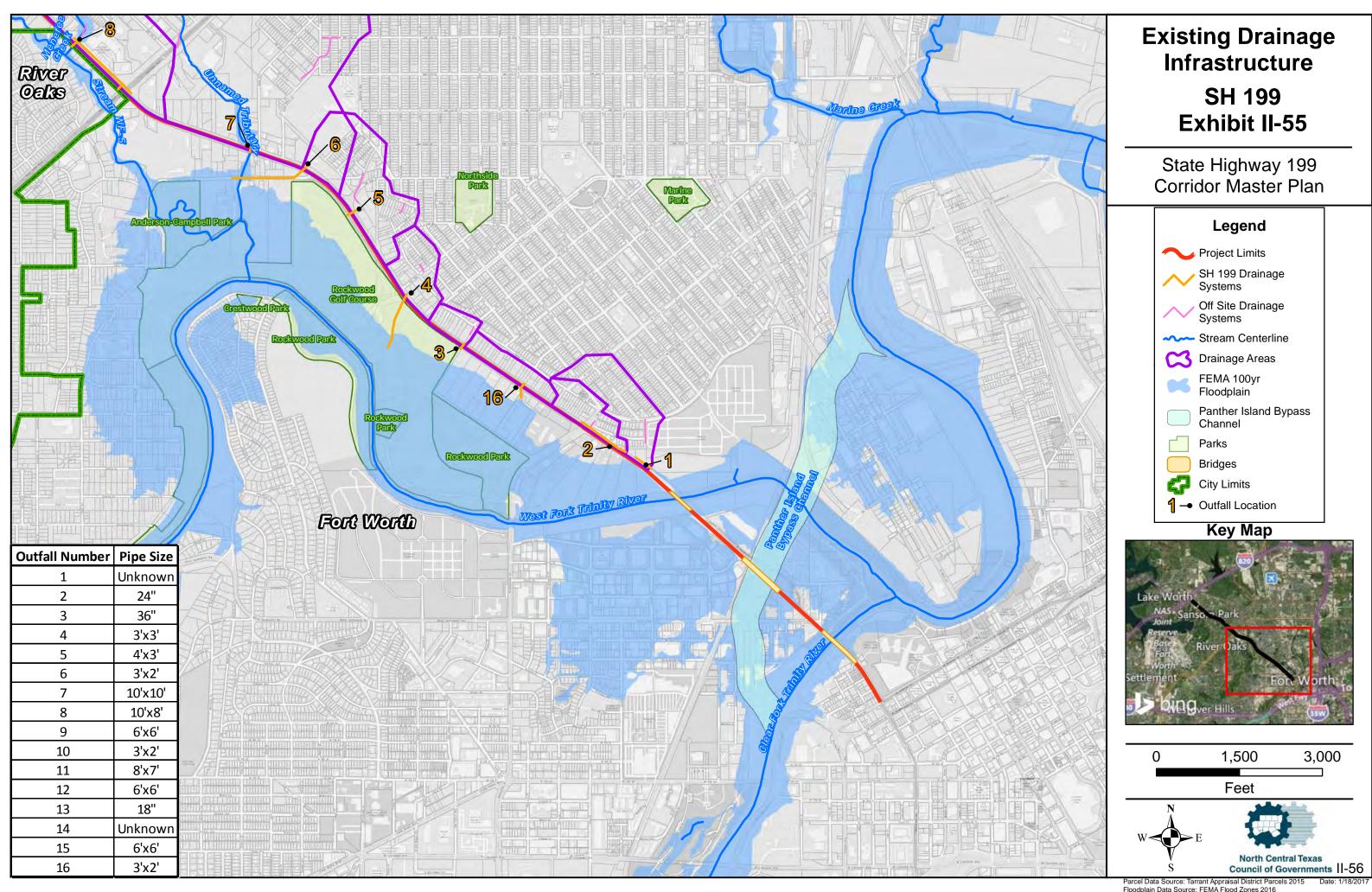


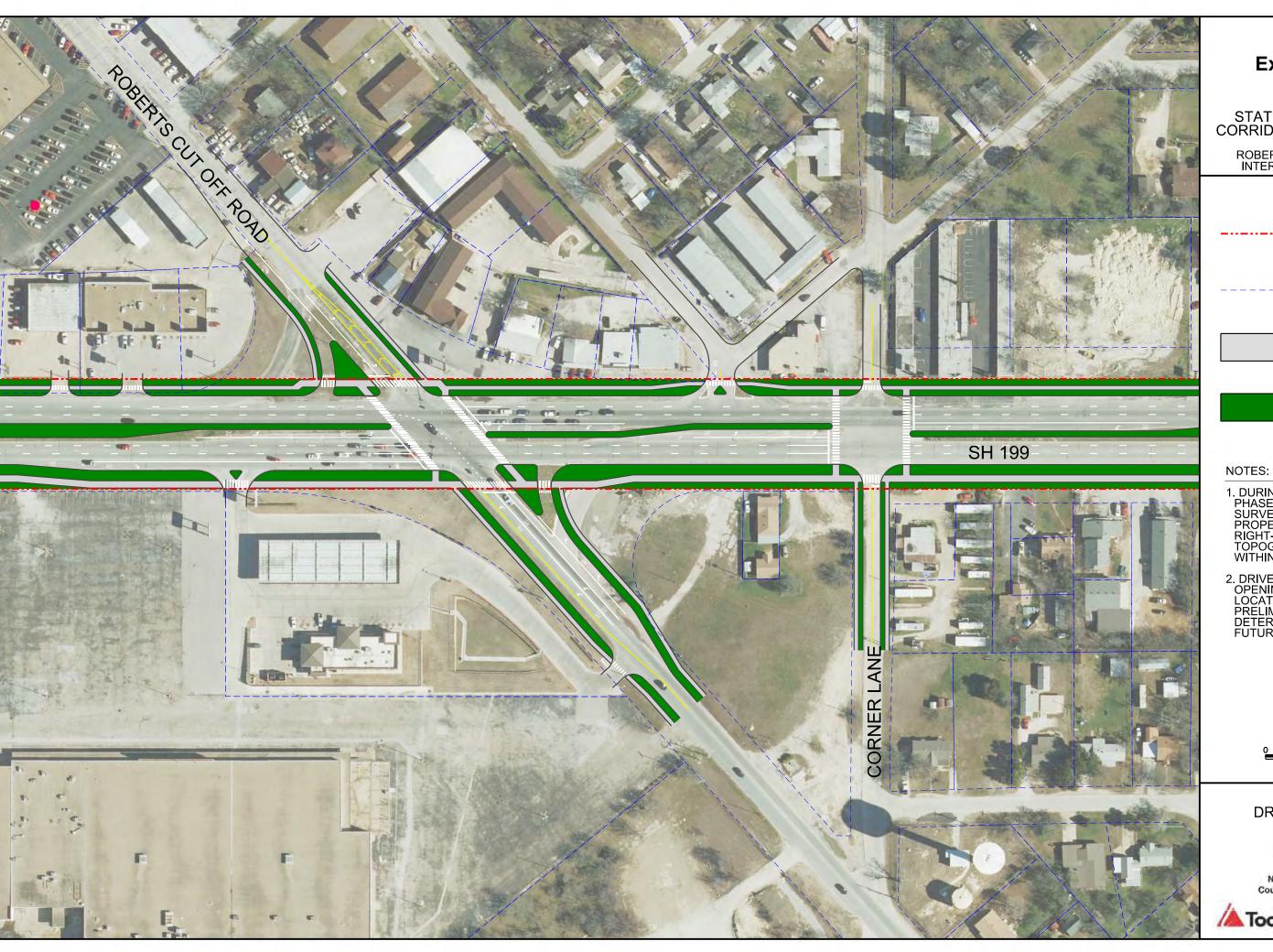
Corridor Master Plan

(P) Non-Incap, Pos Injury









STATE HIGHWAY 199 CORRIDOR MASTER PLAN

ROBERTS CUT OFF ROAD INTERSECTION LAYOUT

#### LEGEND

PROPERTY LINES (PER TXDOT RECORD DATA)

PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)

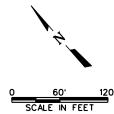


PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

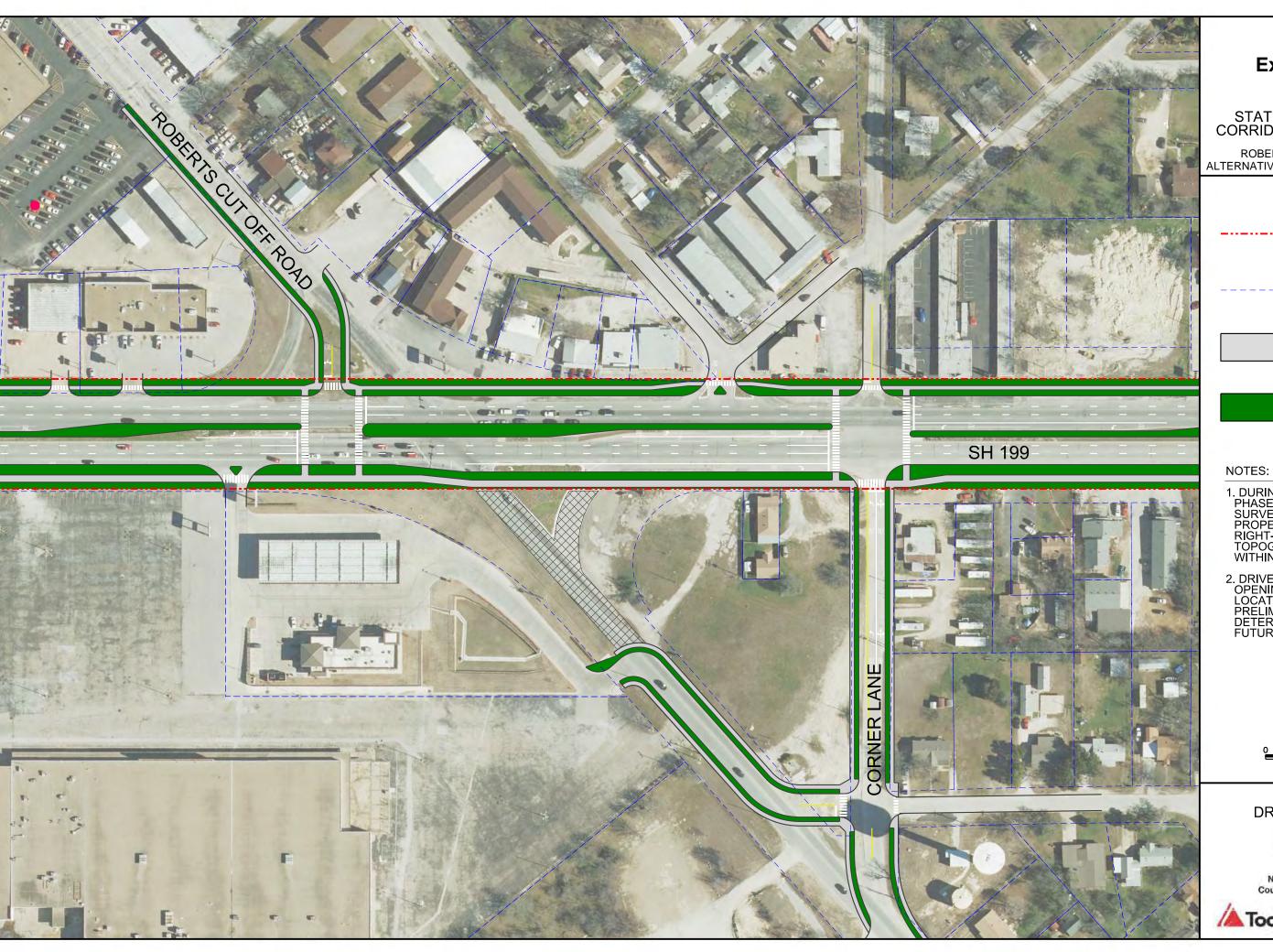
- 1. DURING A FUTURE DESIGN PHASE, A LICENSED LAND SURVEYOR SHALL LOCATE PROPERTY BOUNDARIES, RIGHT-OF-WAY LIMITS, AND TOPOGRAPHIC SURVEY WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



#### **DRAFT LAYOUT**







STATE HIGHWAY 199 CORRIDOR MASTER PLAN

ROBERTS CUT OFF ROAD ALTERNATIVE INTERSECTION LAYOUT

LEGEND

PROPERTY LINES (PER TXDOT RECORD DATA)

PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)

PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

- 1. DURING A FUTURE DESIGN PHASE, A LICENSED LAND SURVEYOR SHALL LOCATE PROPERTY BOUNDARIES, RIGHT-OF-WAY LIMITS, AND TOPOGRAPHIC SURVEY WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.

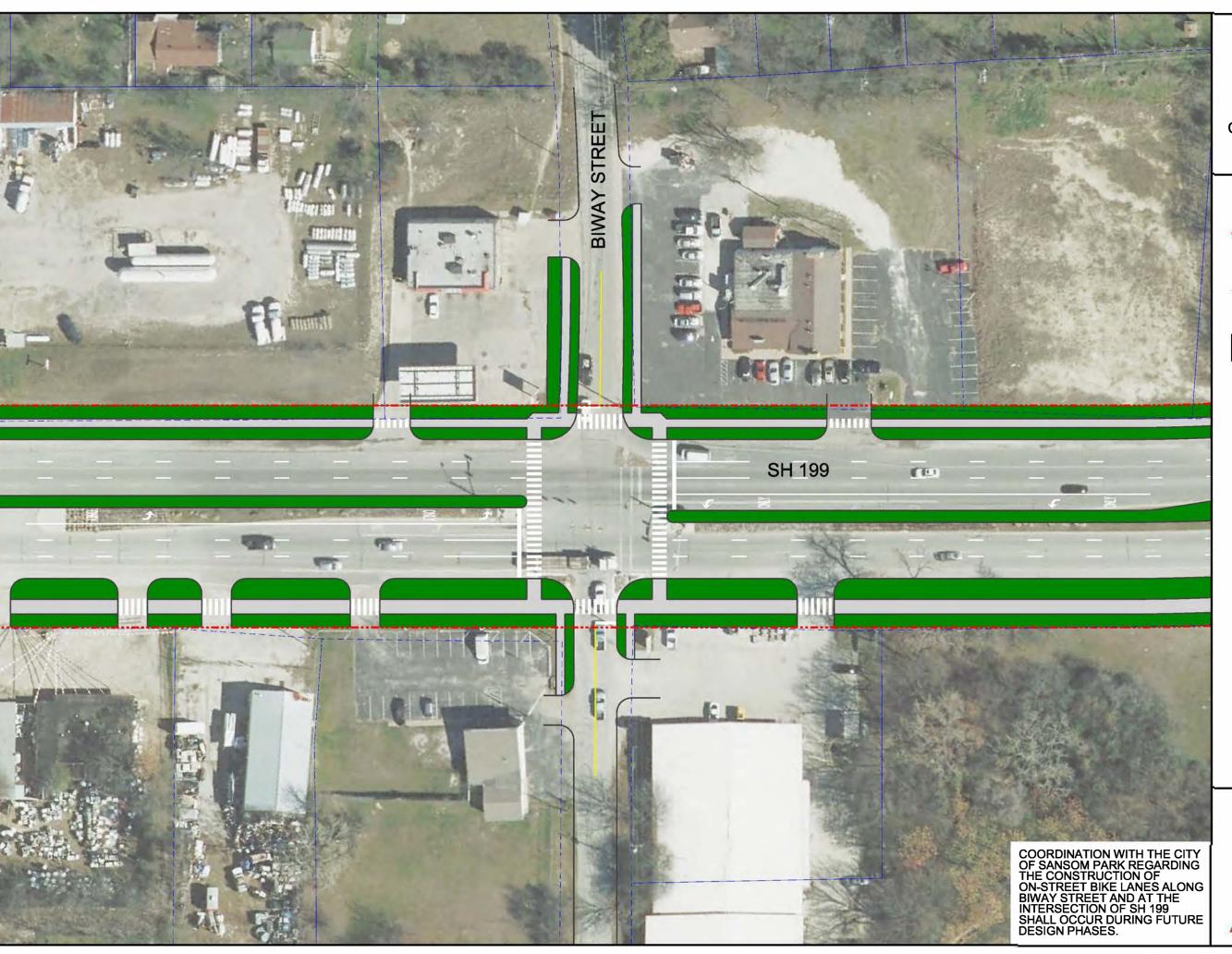


SCALE IN FEET

**DRAFT LAYOUT** 







STATE HIGHWAY 199 CORRIDOR MASTER PLAN

BIWAY STREET INTERSECTION LAYOUT

LEGEND

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PROPERTY LINES (PER TXDOT RECORD DATA)

PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



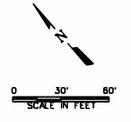
PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

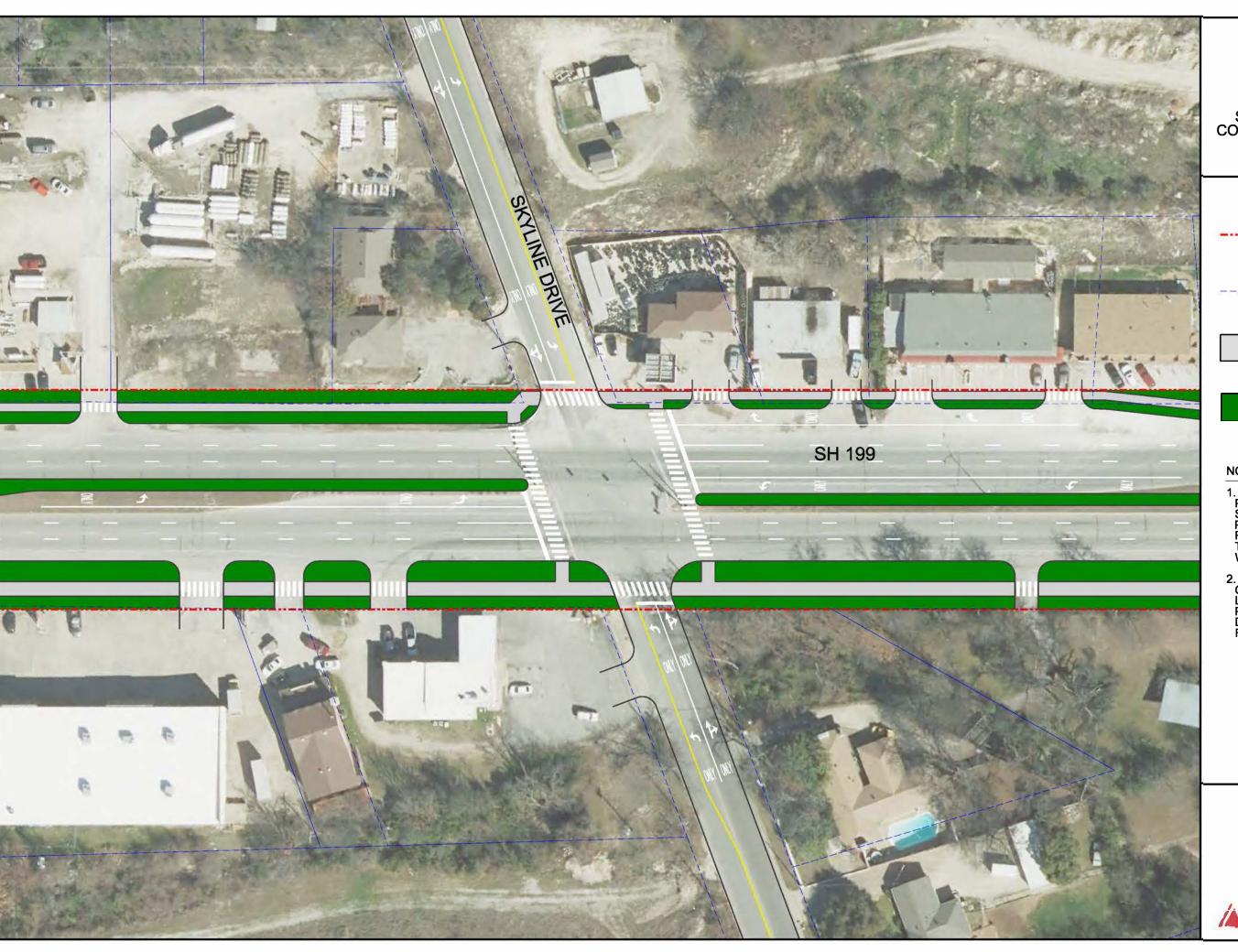
- 1. DURING A FUTURE DESIGN
  PHASE, A LICENSED LAND
  SURVEYOR SHALL LOCATE
  PROPERTY BOUNDARIES,
  RIGHT-OF-WAY LIMITS, AND
  TOPOGRAPHIC SURVEY
  WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



#### **DRAFT LAYOUT**







STATE HIGHWAY 199 CORRIDOR MASTER PLAN

SKYLINE DRIVE INTERSECTION LAYOUT

LEGEND

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PROPERTY LINES (PER TXDOT RECORD DATA)

PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



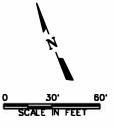
PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

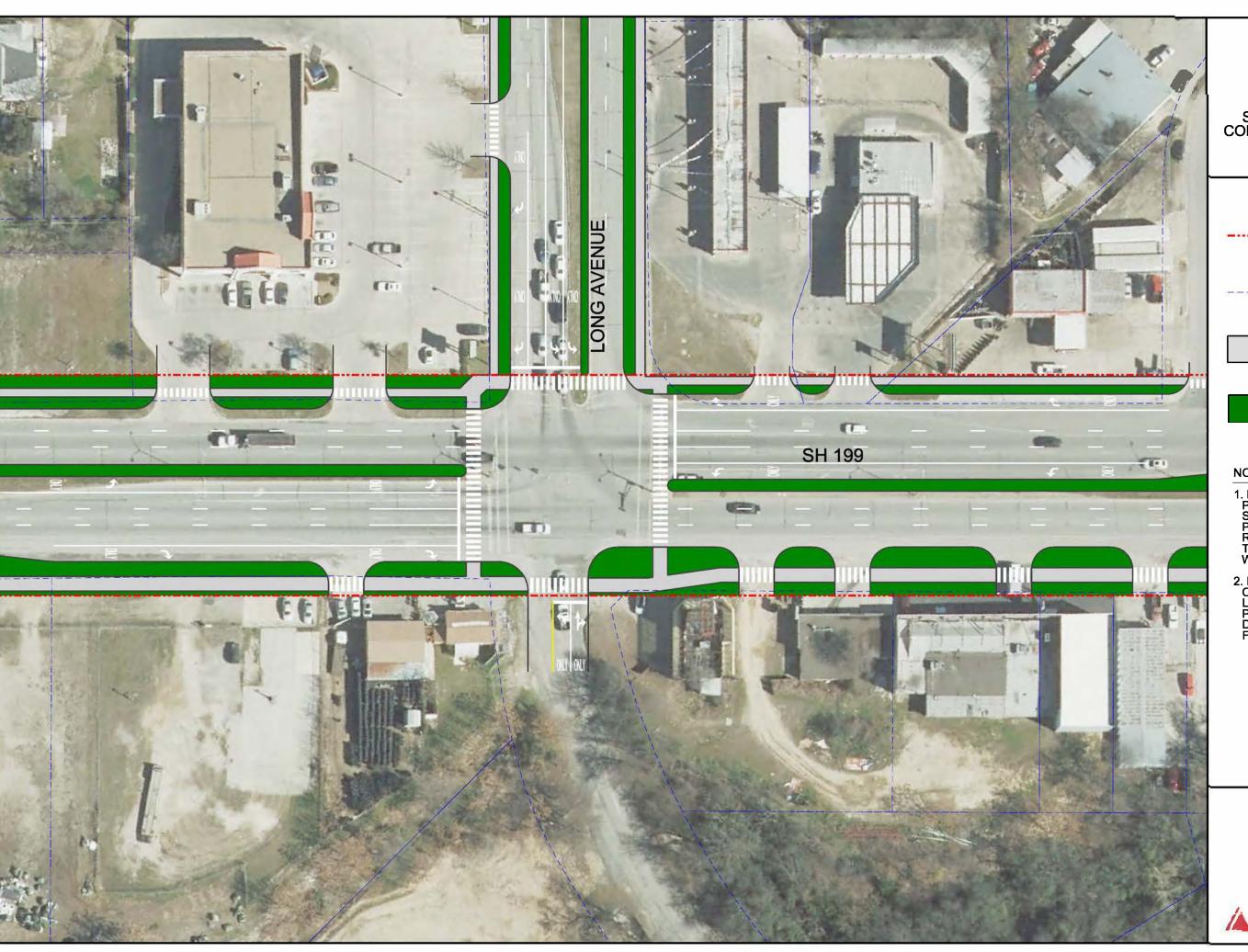
- 1. DURING A FUTURE DESIGN
  PHASE, A LICENSED LAND
  SURVEYOR SHALL LOCATE
  PROPERTY BOUNDARIES,
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  TOPOGRAPHIC SURVEY
  WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



#### **DRAFT LAYOUT**







STATE HIGHWAY 199 CORRIDOR MASTER PLAN

LONG AVENUE INTERSECTION LAYOUT

LEGEND

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PROPERTY LINES (PER TXDOT RECORD DATA)

PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



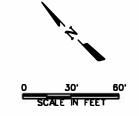
PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

- 1. DURING A FUTURE DESIGN
  PHASE, A LICENSED LAND
  SURVEYOR SHALL LOCATE
  PROPERTY BOUNDARIES,
  RIGHT-OF-WAY LIMITS, AND
  TOPOGRAPHIC SURVEY
  WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



#### DRAFT LAYOUT







STATE HIGHWAY 199 CORRIDOR MASTER PLAN

> SH 183 INTERSECTION LAYOUT

> > LEGEND

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PROPERTY LINES (PER TXDOT RECORD DATA)

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PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



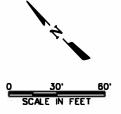
PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

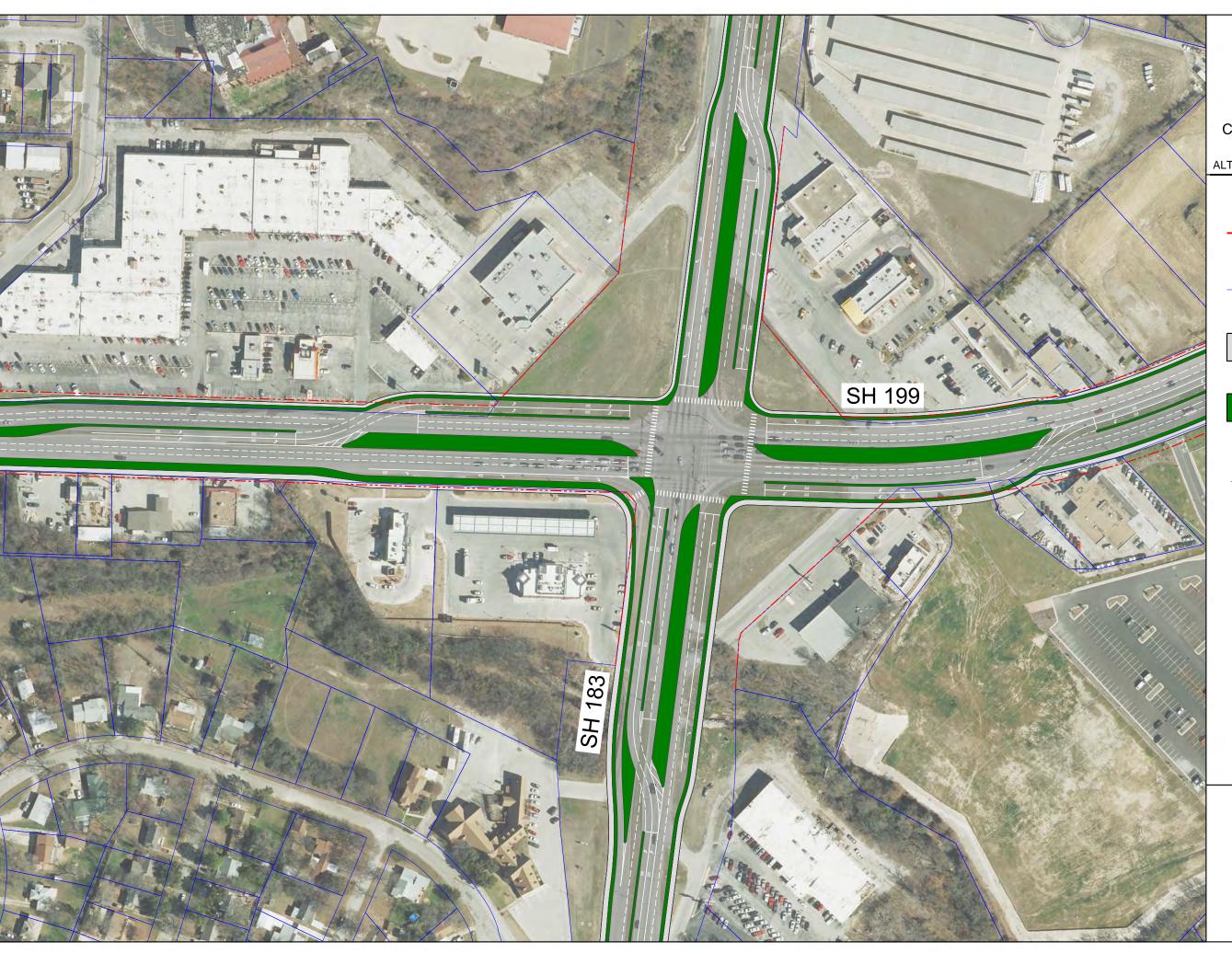
- 1. DURING A FUTURE DESIGN PHASE, A LICENSED LAND SURVEYOR SHALL LOCATE PROPERTY BOUNDARIES, RIGHT-OF-WAY LIMITS, AND TOPOGRAPHIC SURVEY WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



**DRAFT LAYOUT** 







STATE HIGHWAY 199 CORRIDOR MASTER PLAN

SH 183 ALTERNATIVE INTERSECTION LAYOUT

LEGEND

PR (PE

PROPERTY LINES (PER TXDOT RECORD DATA)

PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

- 1. DURING A FUTURE DESIGN PHASE, A LICENSED LAND SURVEYOR SHALL LOCATE PROPERTY BOUNDARIES, RIGHT-OF-WAY LIMITS, AND TOPOGRAPHIC SURVEY WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



SCALE IN FEET

#### DRAFT LAYOUT



North Central Texas Council of Governments

FREESE NICHOLS
4055 International Plaza, Suite 200

rt Worth, Texas 76109-4895 one - (817) 735-7300 x - (817) 735-7491 eb - www.freese.com II-63

TEXAS REGISTERED ENGINEERING FIRM F-2144



STATE HIGHWAY 199 CORRIDOR MASTER PLAN

WAL-MART ROAD INTERSECTION LAYOUT

#### **LEGEND**

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PROPERTY LINES (PER TXDOT RECORD DATA)

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PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

- 1. DURING A FUTURE DESIGN PHASE, A LICENSED LAND SURVEYOR SHALL LOCATE PROPERTY BOUNDARIES, RIGHT-OF-WAY LIMITS, AND TOPOGRAPHIC SURVEY WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



#### **DRAFT LAYOUT**







STATE HIGHWAY 199 CORRIDOR MASTER PLAN

OHIO GARDEN ROAD INTERSECTION LAYOUT

#### **LEGEND**

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PROPERTY LINES (PER TXDOT RECORD DATA)

PRI (PE

PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



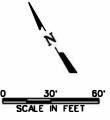
PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

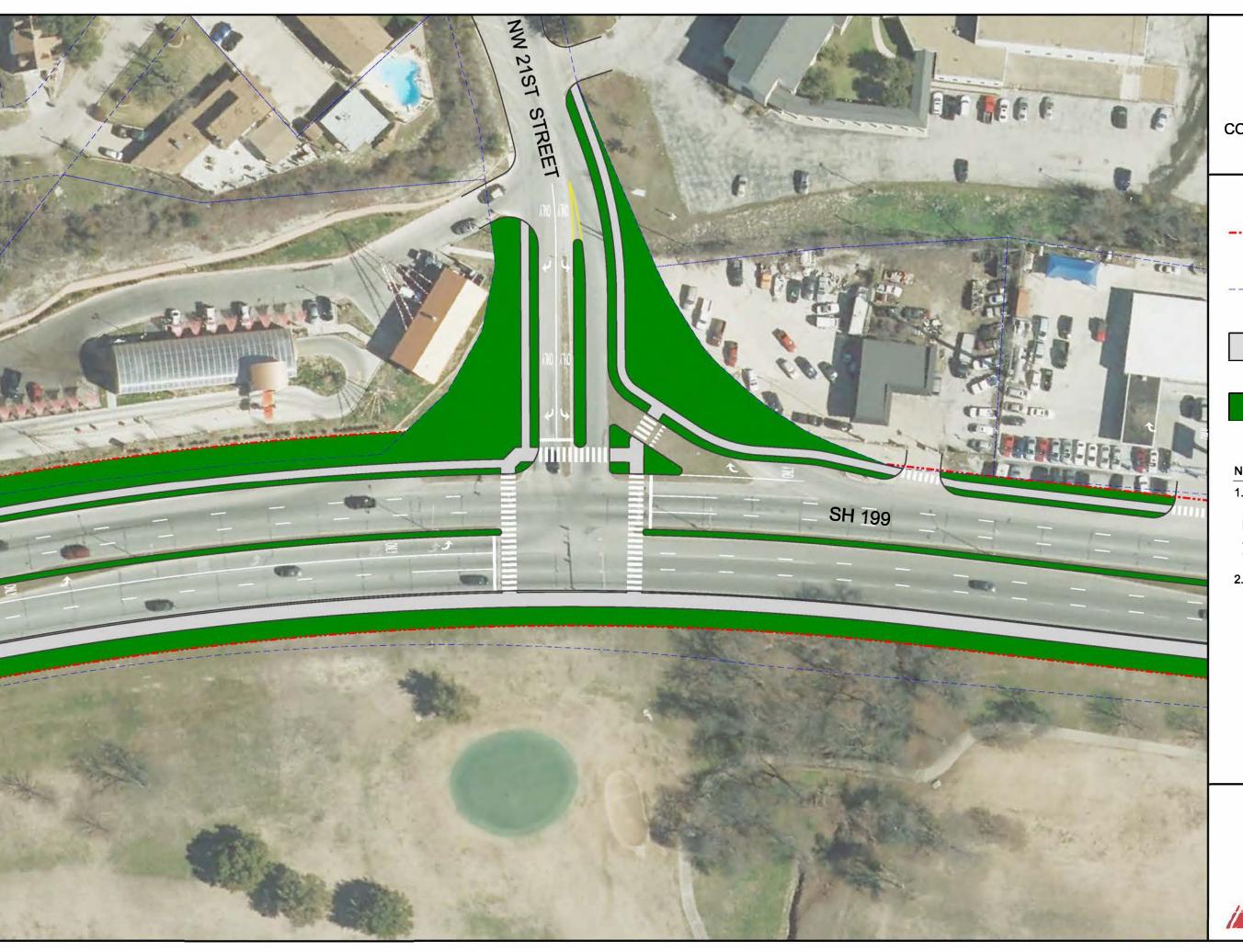
- 1. DURING A FUTURE DESIGN PHASE, A LICENSED LAND SURVEYOR SHALL LOCATE PROPERTY BOUNDARIES, RIGHT-OF-WAY LIMITS, AND TOPOGRAPHIC SURVEY WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



#### **DRAFT LAYOUT**







STATE HIGHWAY 199 CORRIDOR MASTER PLAN

NW 21ST STREET INTERSECTION LAYOUT

#### **LEGEND**

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PROPERTY LINES (PER TXDOT RECORD DATA)

PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



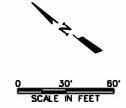
PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

- 1. DURING A FUTURE DESIGN
  PHASE, A LICENSED LAND
  SURVEYOR SHALL LOCATE
  PROPERTY BOUNDARIES,
  RIGHT-OF-WAY LIMITS, AND
  TOPOGRAPHIC SURVEY
  WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



#### DRAFT LAYOUT







STATE HIGHWAY 199 CORRIDOR MASTER PLAN

NW 18TH STREET INTERSECTION LAYOUT

#### **LEGEND**

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PROPERTY LINES (PER TXDOT RECORD DATA)

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PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

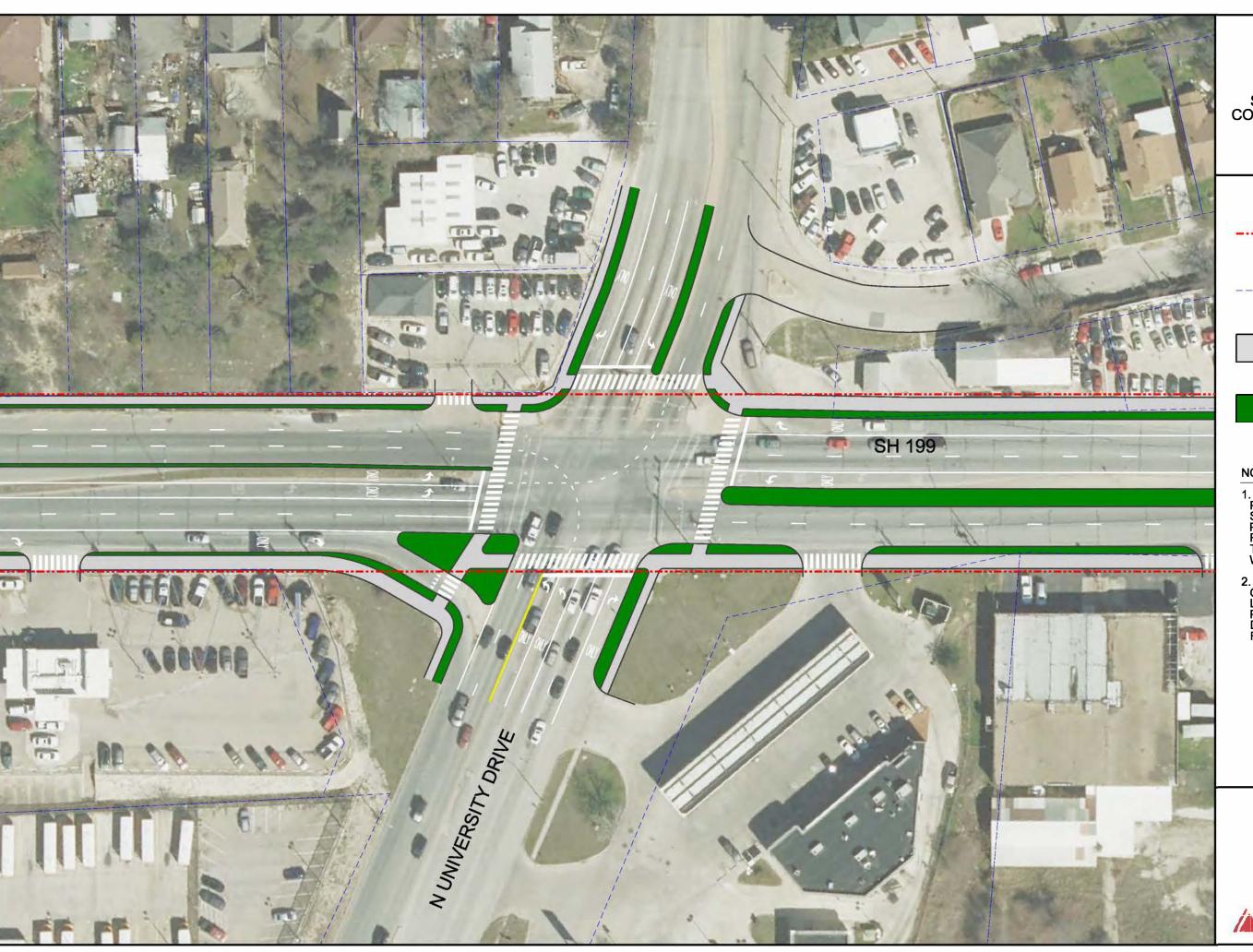
- 1. DURING A FUTURE DESIGN PHASE, A LICENSED LAND SURVEYOR SHALL LOCATE PROPERTY BOUNDARIES, RIGHT-OF-WAY LIMITS, AND TOPOGRAPHIC SURVEY WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.



#### DRAFT LAYOUT







#### STATE HIGHWAY 199 CORRIDOR MASTER PLAN

UNIVERSITY DRIVE/ NORTHSIDE DRIVE INTERSECTION LAYOUT

#### **LEGEND**

\_..\_..

PROPERTY LINES (PER TXDOT RECORD DATA)

PROPERTY LINES (PER 2015 TARRANT APPRAISAL DISTRICT DATA)



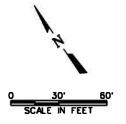
PROPOSED SIDEWALK



PROPOSED MEDIAN AND PARKWAY LANDSCAPING OR HARDSCAPING

#### NOTES:

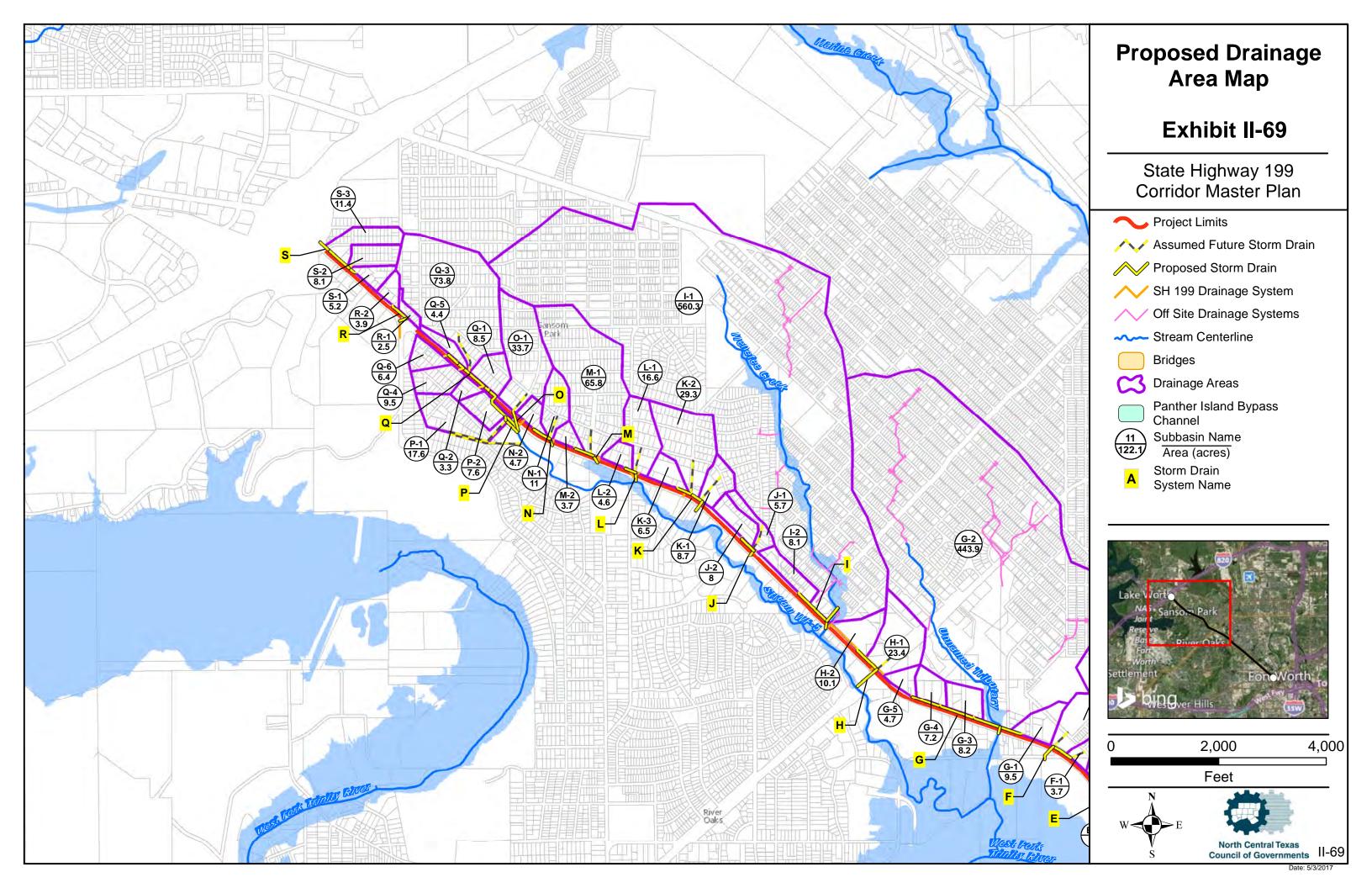
- 1. DURING A FUTURE DESIGN PHASE, A LICENSED LAND SURVEYOR SHALL LOCATE PROPERTY BOUNDARIES, RIGHT-OF-WAY LIMITS, AND TOPOGRAPHIC SURVEY WITHIN THE PROJECT LIMITS.
- 2. DRIVEWAY AND MEDIAN OPENING WIDTHS AND LOCATIONS ARE PRELIMINARY AND WILL BE DETERMINED DURING A FUTURE DESIGN PHASE.

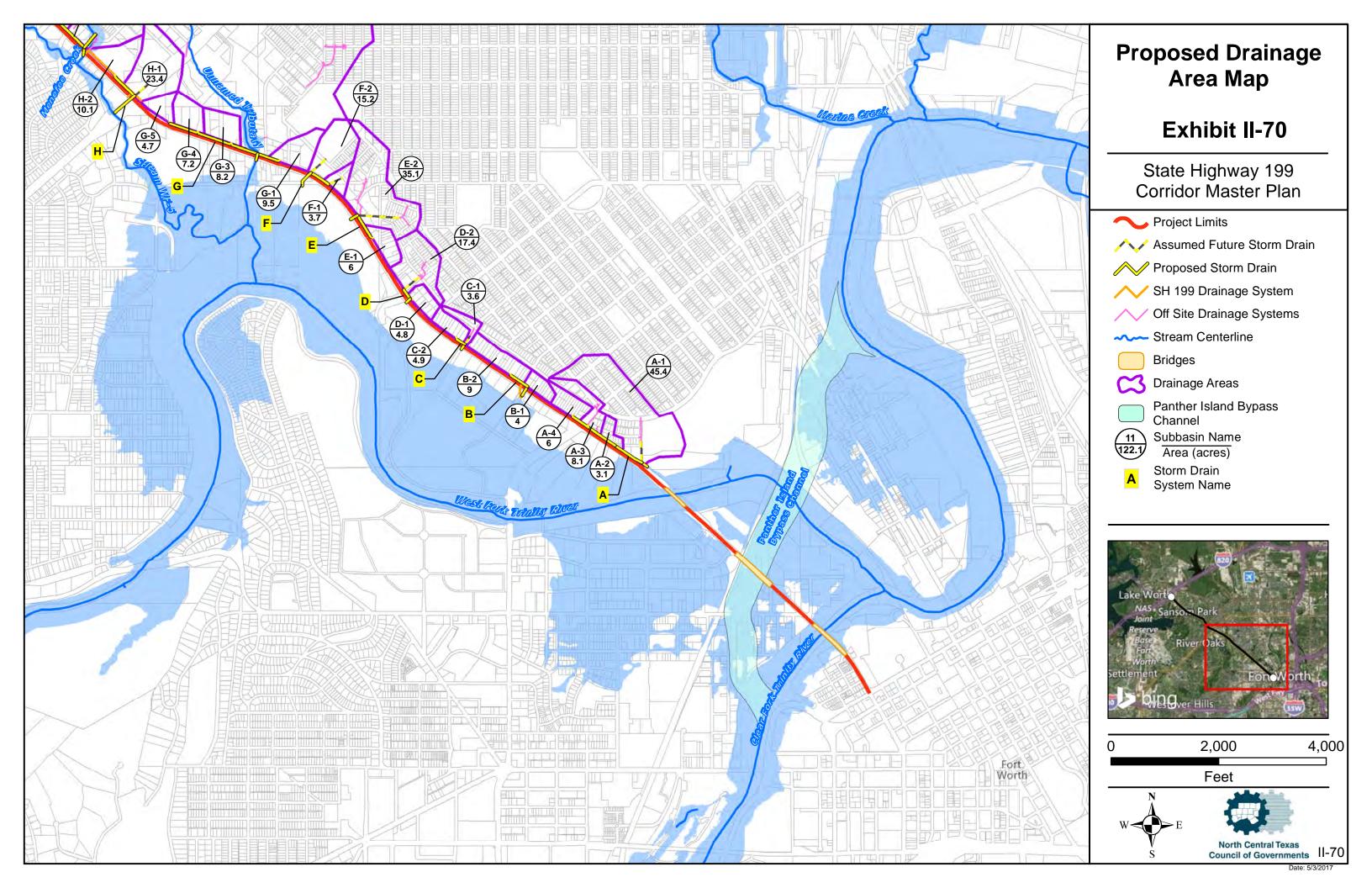


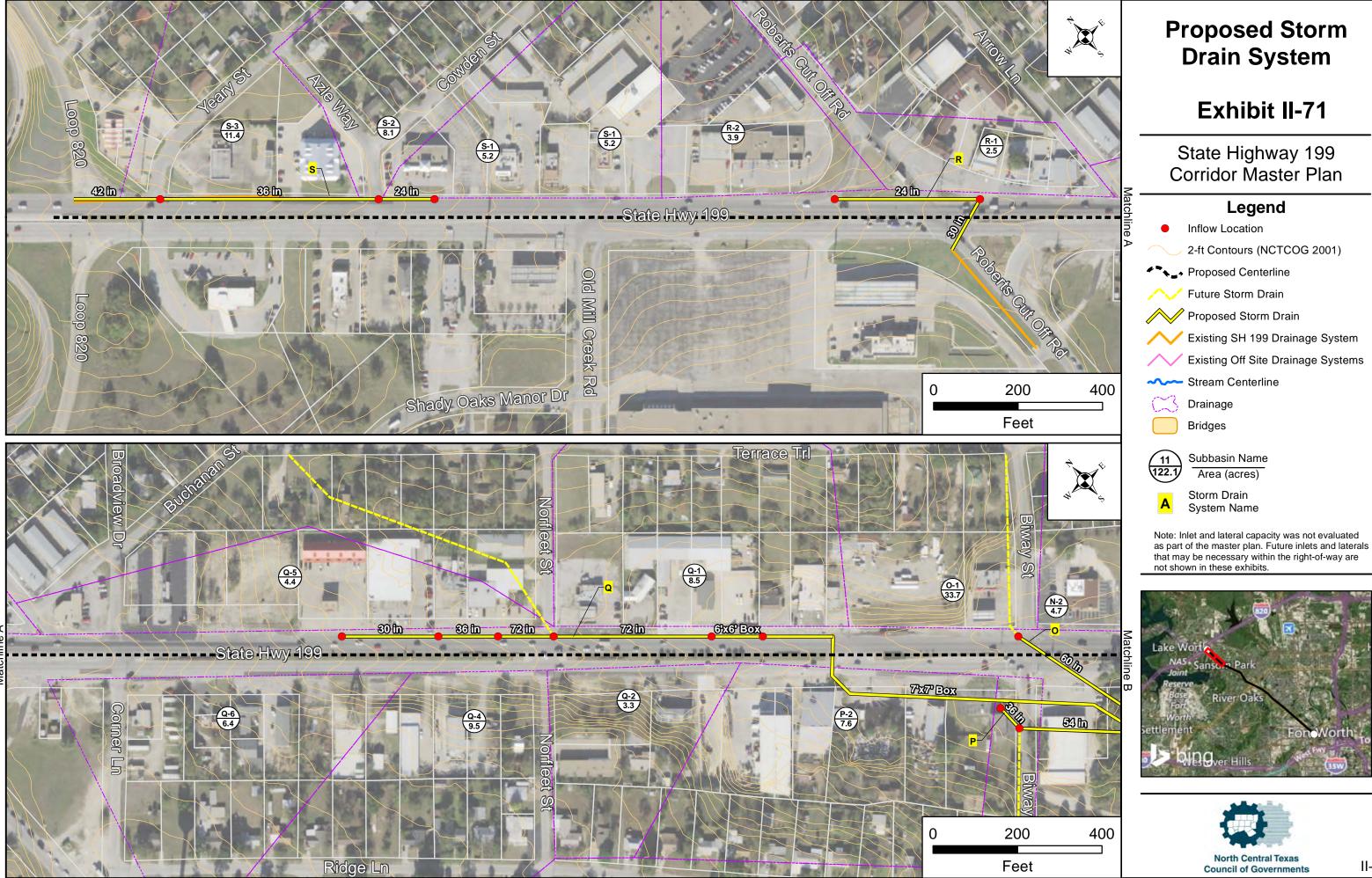
#### **DRAFT LAYOUT**





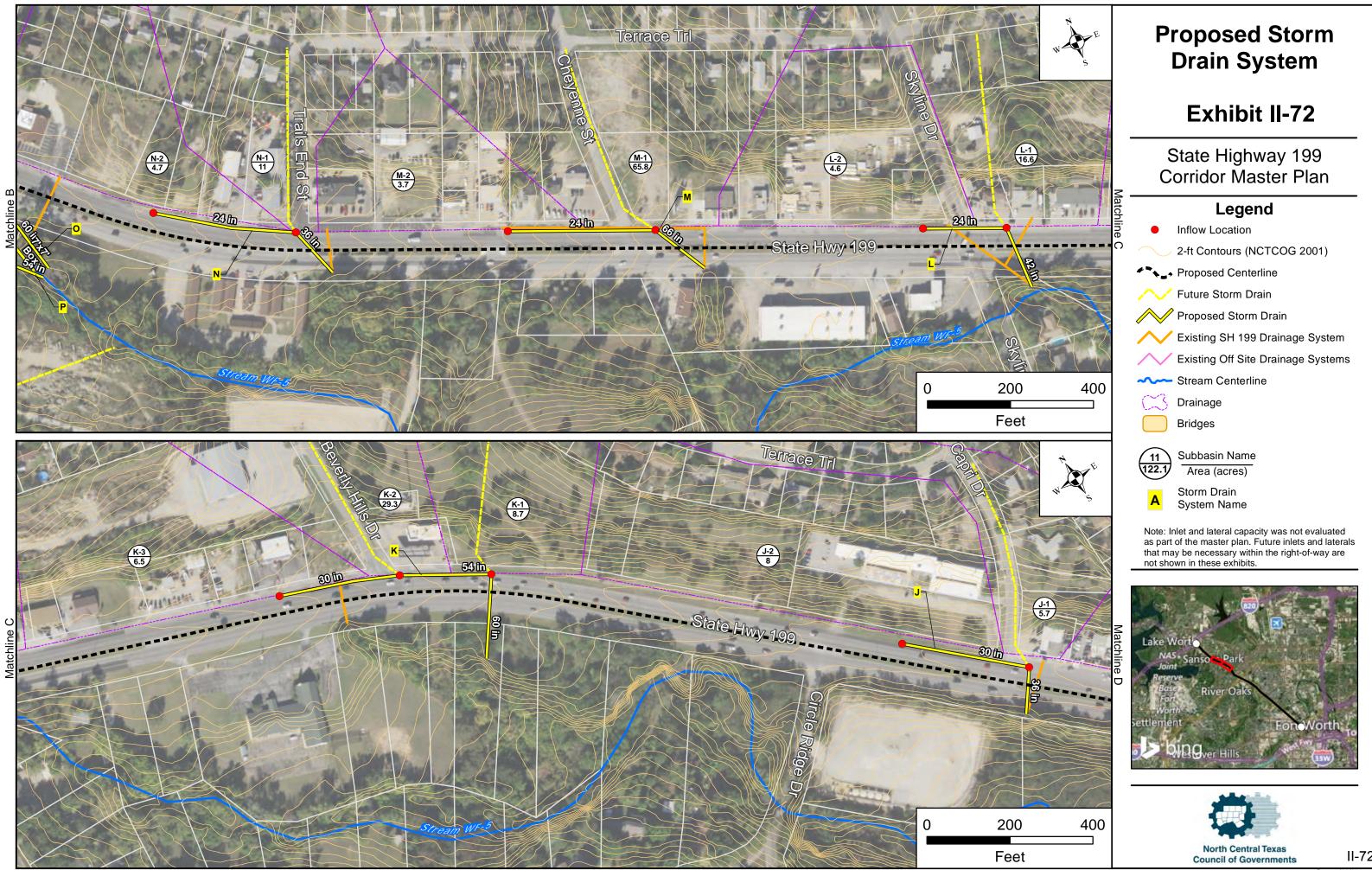


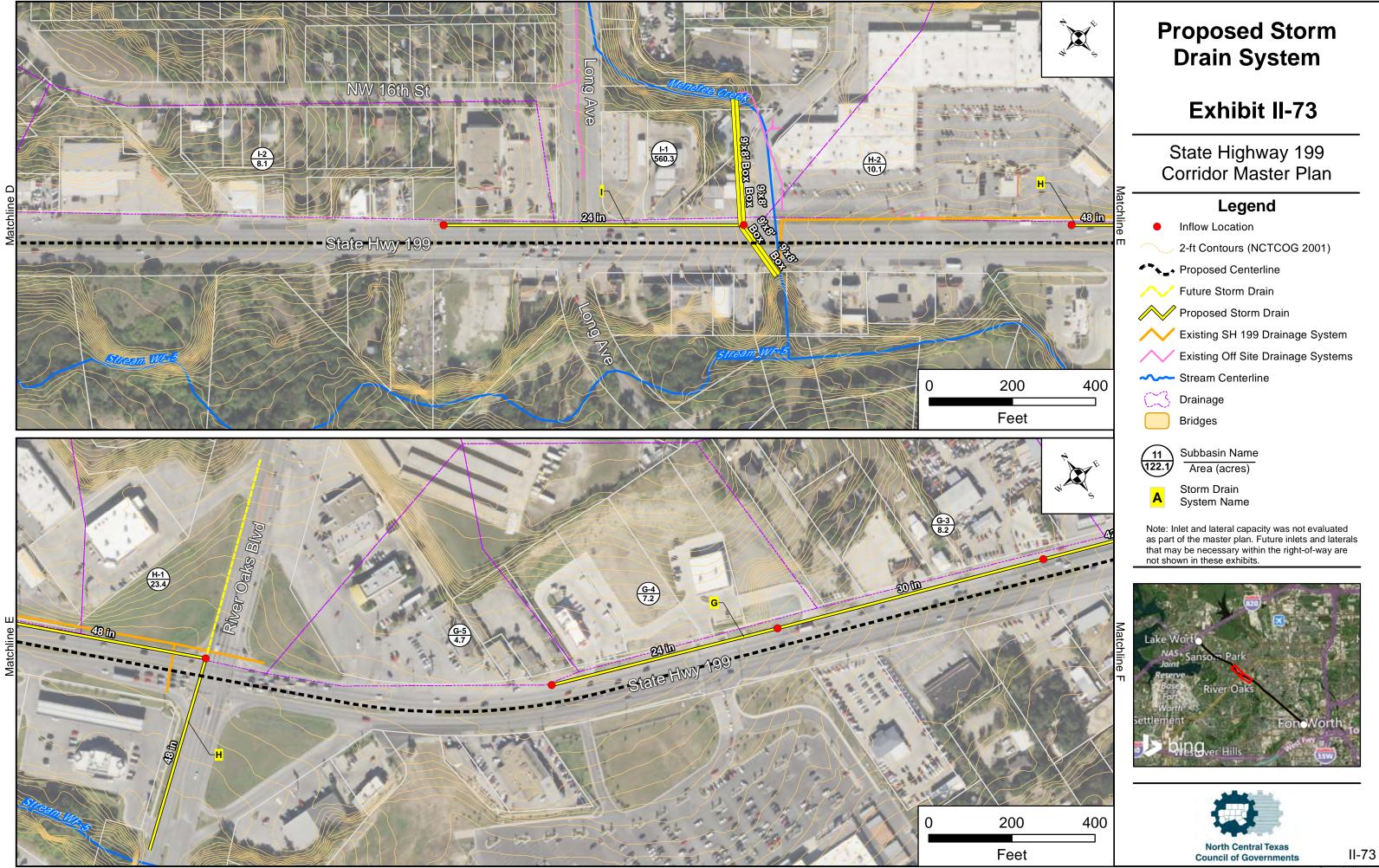


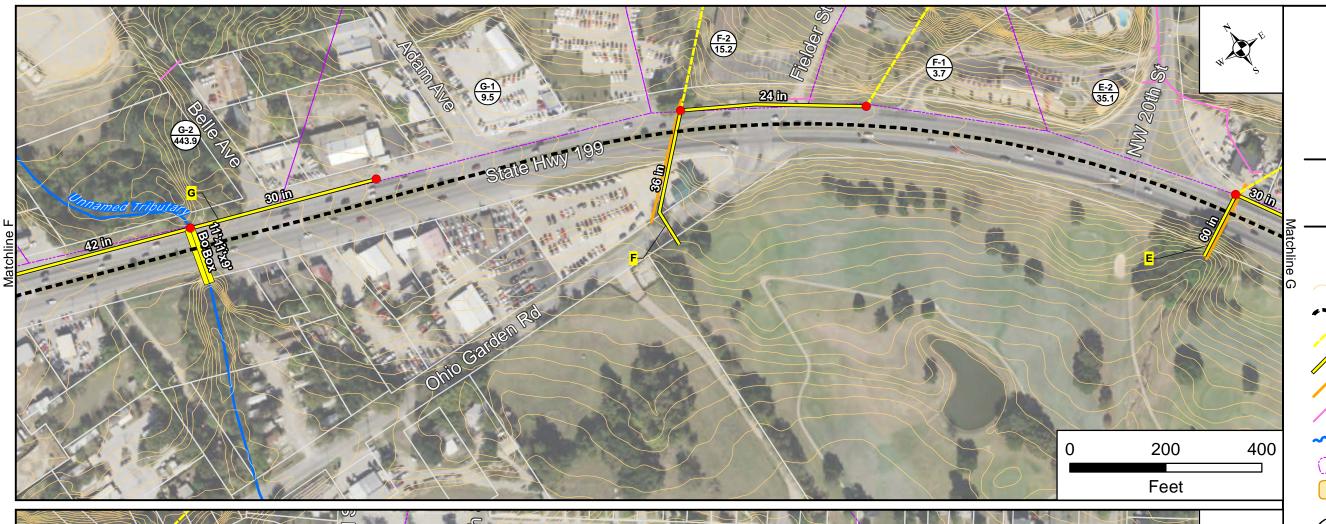


ate: 7/20/2017

II-71







# Highland Ave (E-1) 200 400 Feet

## **Proposed Storm Drain System**

## Exhibit II-74

State Highway 199 Corridor Master Plan

#### Legend

Inflow Location

2-ft Contours (NCTCOG 2001)

Proposed Centerline

Future Storm Drain

Proposed Storm Drain

Existing SH 199 Drainage System

Existing Off Site Drainage Systems

Stream Centerline

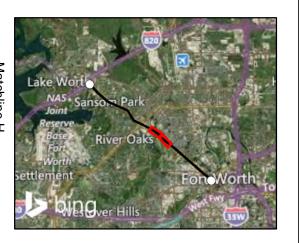
Drainage

Bridges

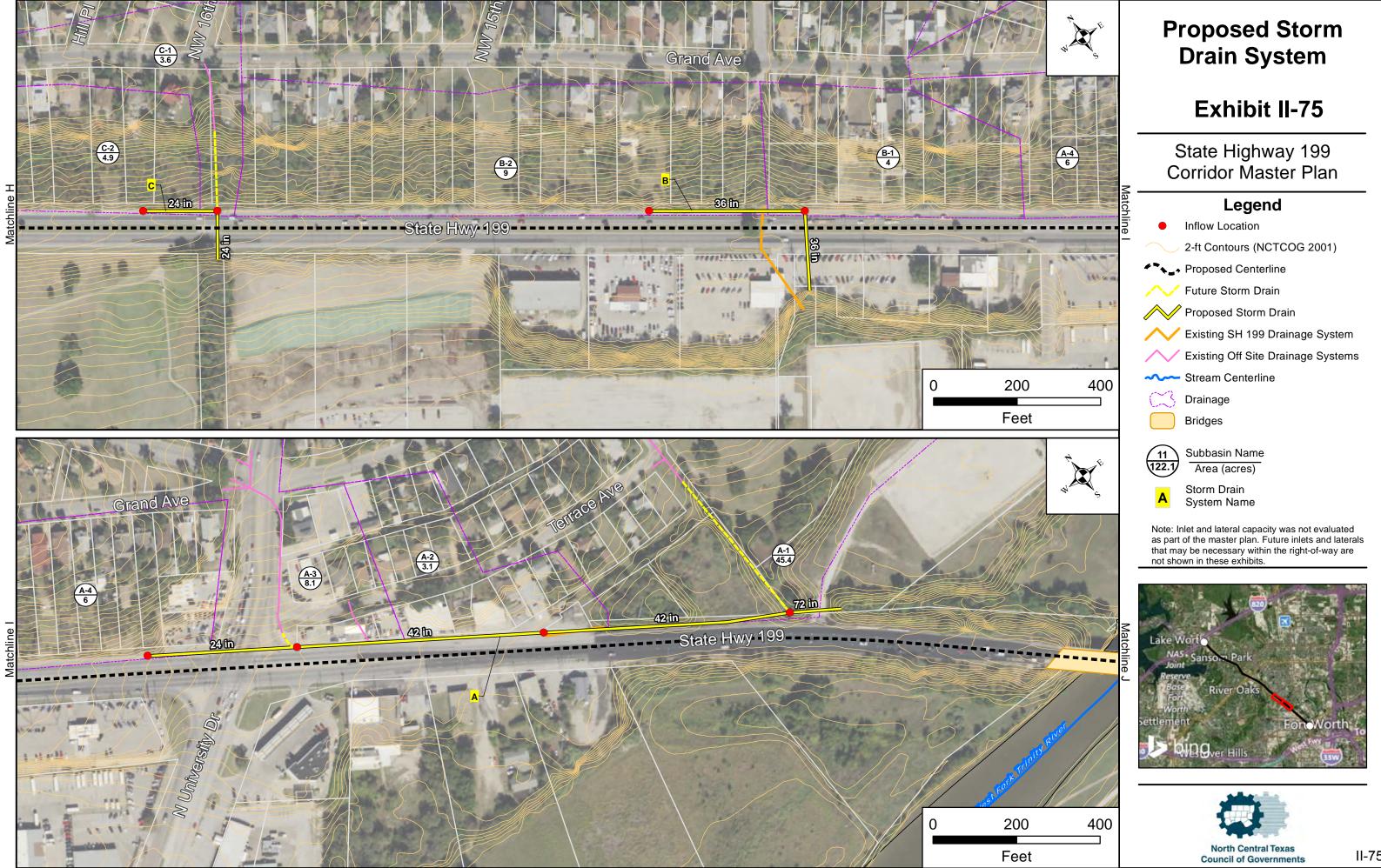
Subbasin Name Area (acres)

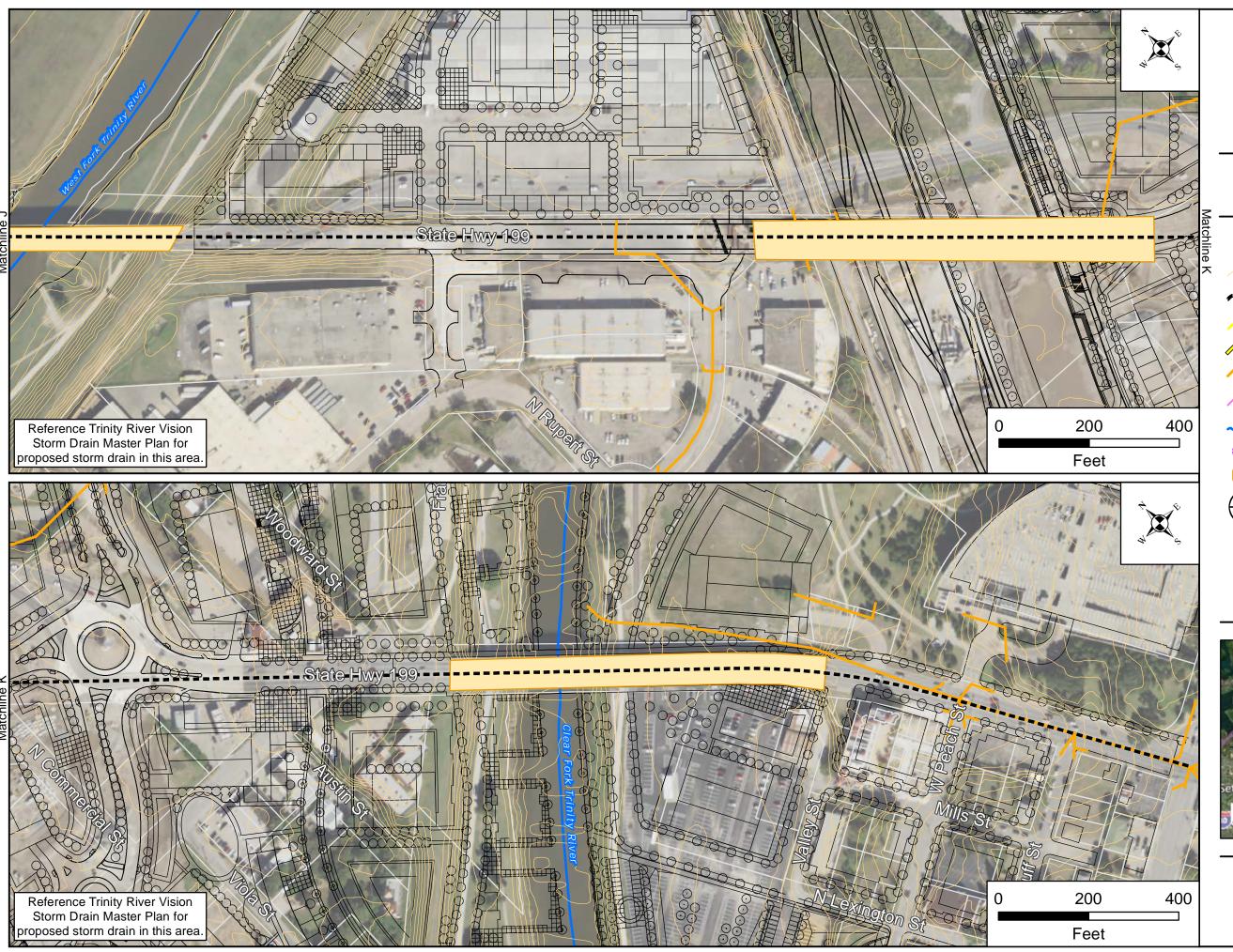
Storm Drain System Name

Note: Inlet and lateral capacity was not evaluated as part of the master plan. Future inlets and laterals that may be necessary within the right-of-way are not shown in these exhibits.









## Proposed Storm Drain System

### **Exhibit II-76**

State Highway 199 Corridor Master Plan

#### Legend

Inflow Location

2-ft Contours (NCTCOG 2001)

Proposed Centerline

Future Storm Drain

Proposed Storm Drain

Existing SH 199 Drainage System

Existing Off Site Drainage Systems

Stream Centerline

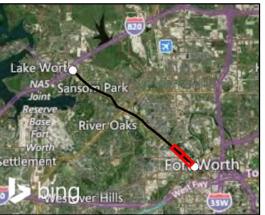
Drainage Areas

Bridges

Subbasin Name
Area (acres)

Storm Drain
System Name

Note: Inlet and lateral capacity was not evaluated as part of the master plan. Future inlets and laterals that may be necessary within the right-of-way are not shown in these exhibits.





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II-76