

# If You Plan it, They Can Come

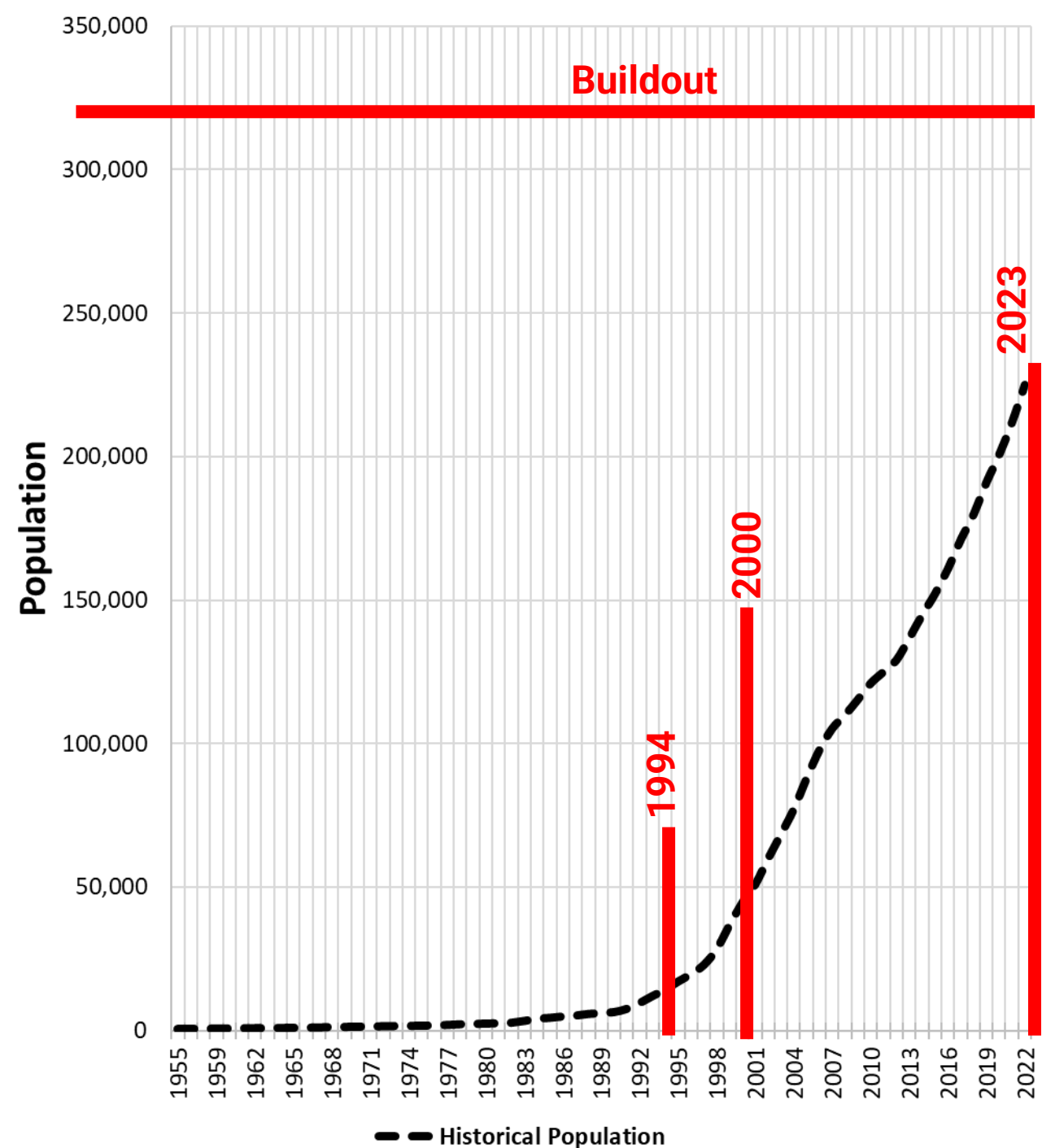
The City of Frisco's Journey through Proactive Planning and Progressive Growth

- Will Janney, P.E.
- Stephen Johnson, P.E



# Progress in Motion from Humble Beginnings

- Incorporated in 1908
- Originally home to cotton gins and a railroad
- Real estate developers started grabbing cheap land in the 1970s
- 1994, the DNT extends to SH121, providing better access to Dallas
- Frisco landed the Stonebriar Mall in 2000, launching economic growth in the City
- 5% average growth per year since 2010
- Projected buildout population of 325,000 by 2040

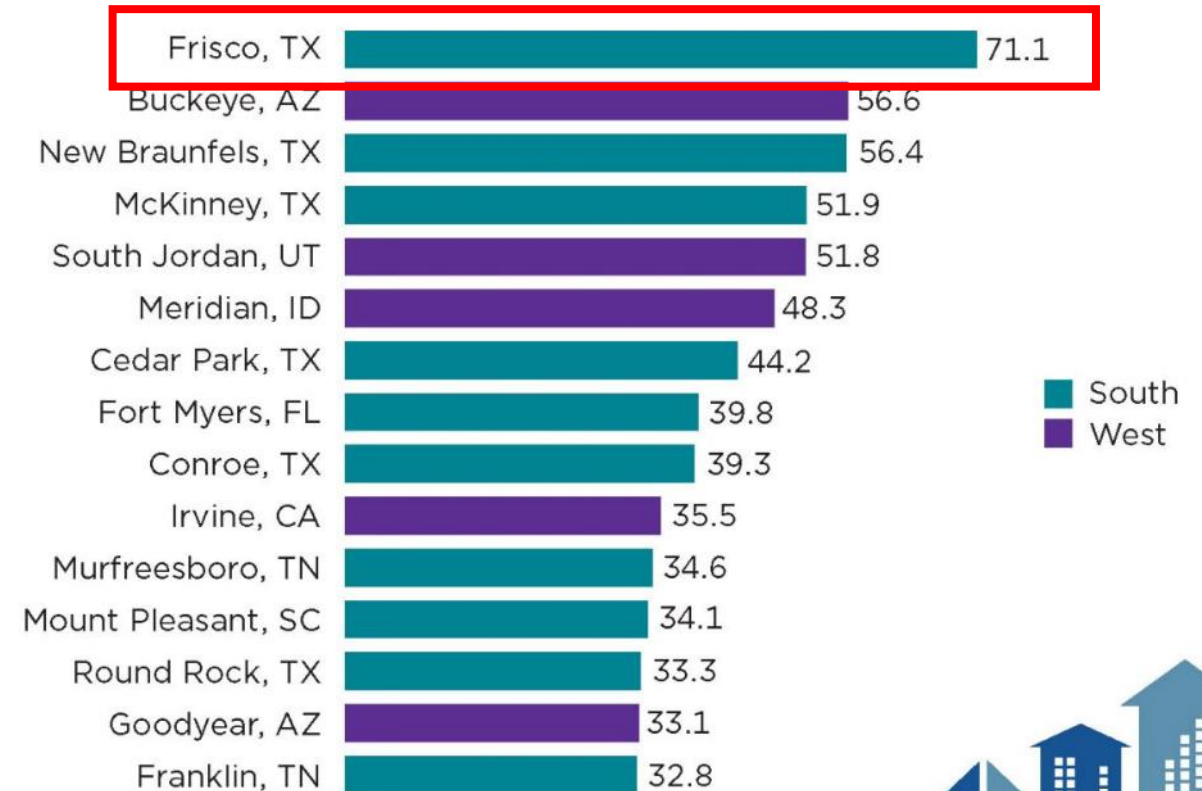


# Rapid Growth Brings Change to Frisco

- Home to....
  - Ford Center at The Star (aka Dallas Cowboys Global HQ)
  - FC Dallas Soccer Club
  - National Soccer HOF
  - PGA HQ
  - Frisco Roughriders
  - Multiple Fortune 500 Incubators
  - Universal Studio

## The 15 Fastest-Growing Large Cities

By Percent Change: April 1, 2010-July 1, 2019

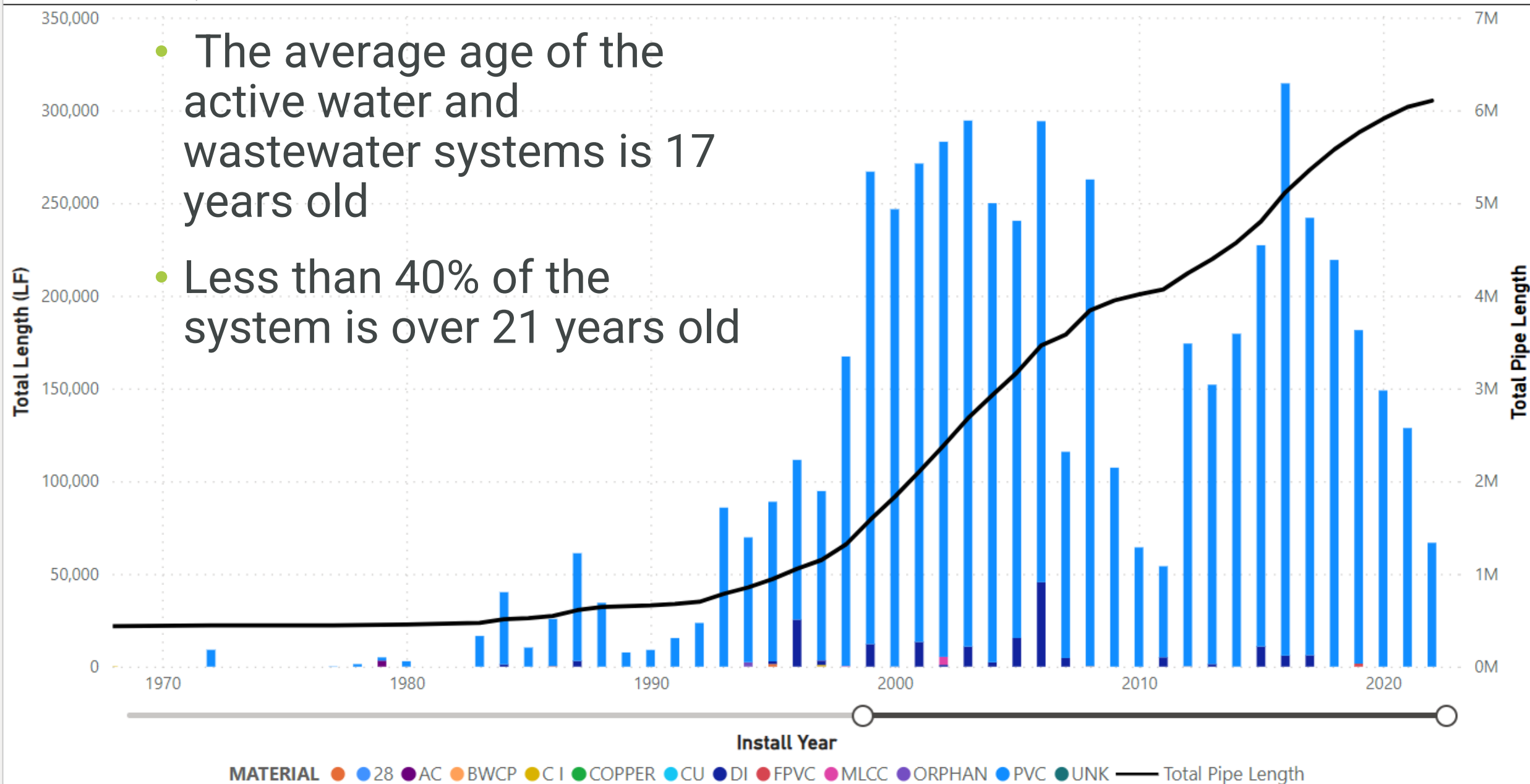




# **Water/Wastewater System Master Planning**

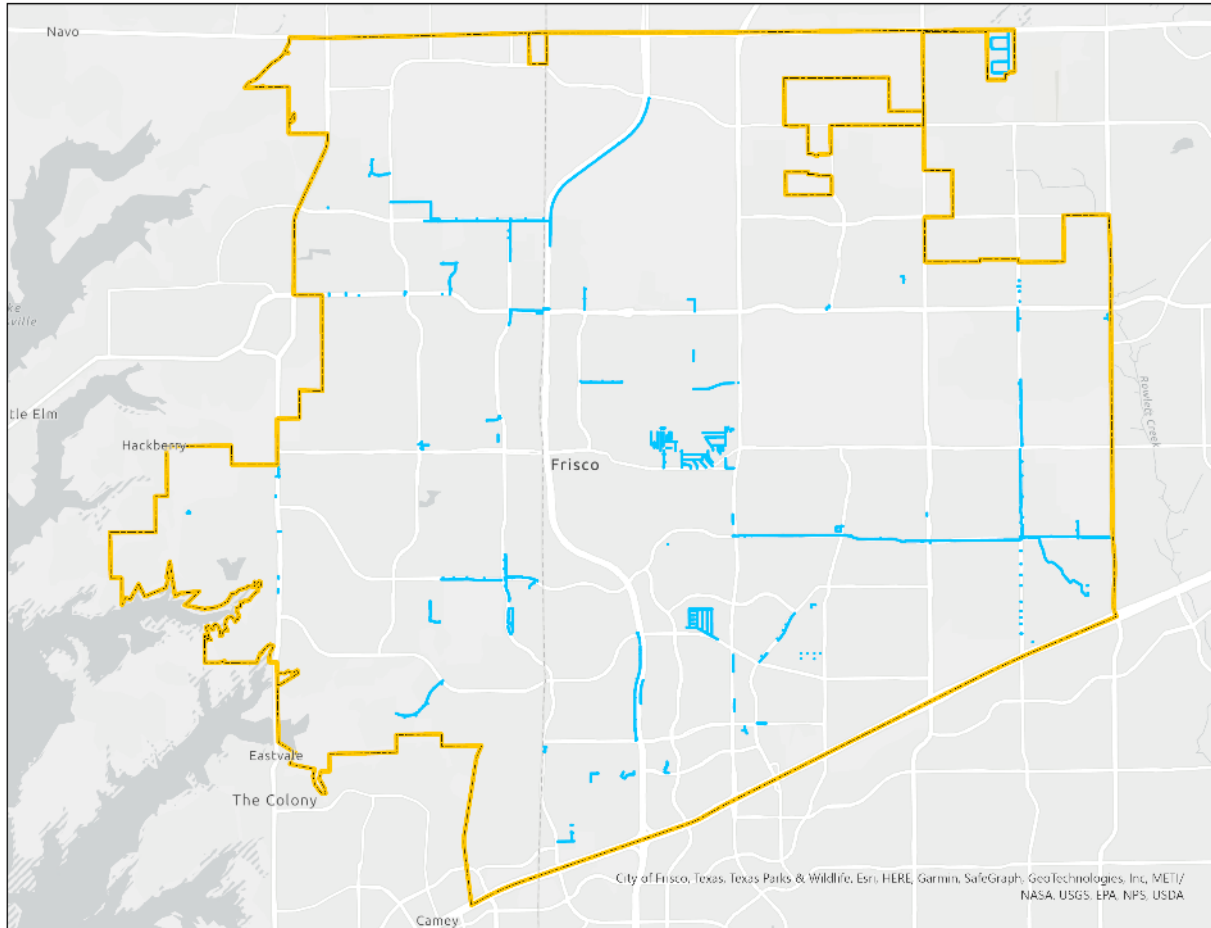
# Fun Facts

- The average age of the active water and wastewater systems is 17 years old
- Less than 40% of the system is over 21 years old

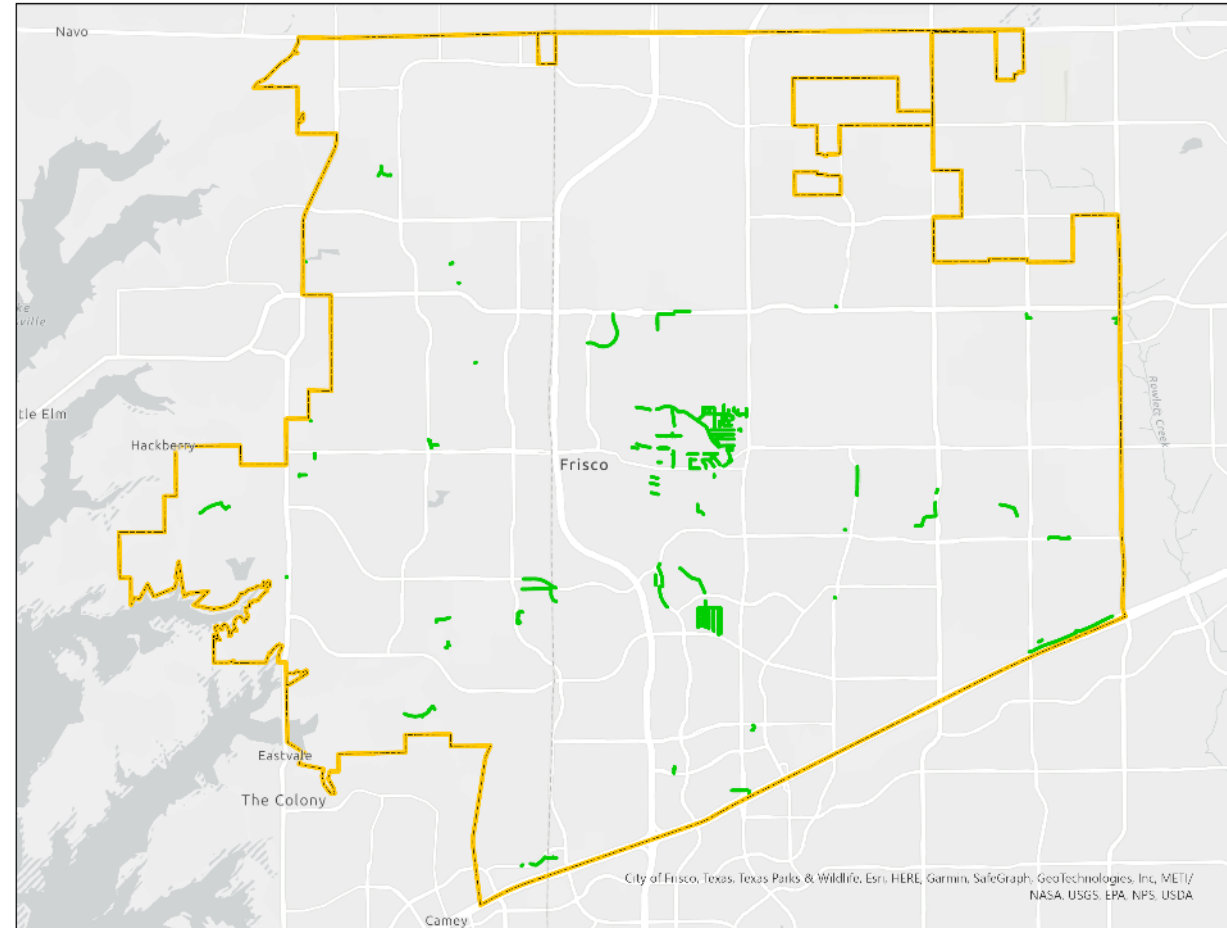


# Pre-1970

## Water System

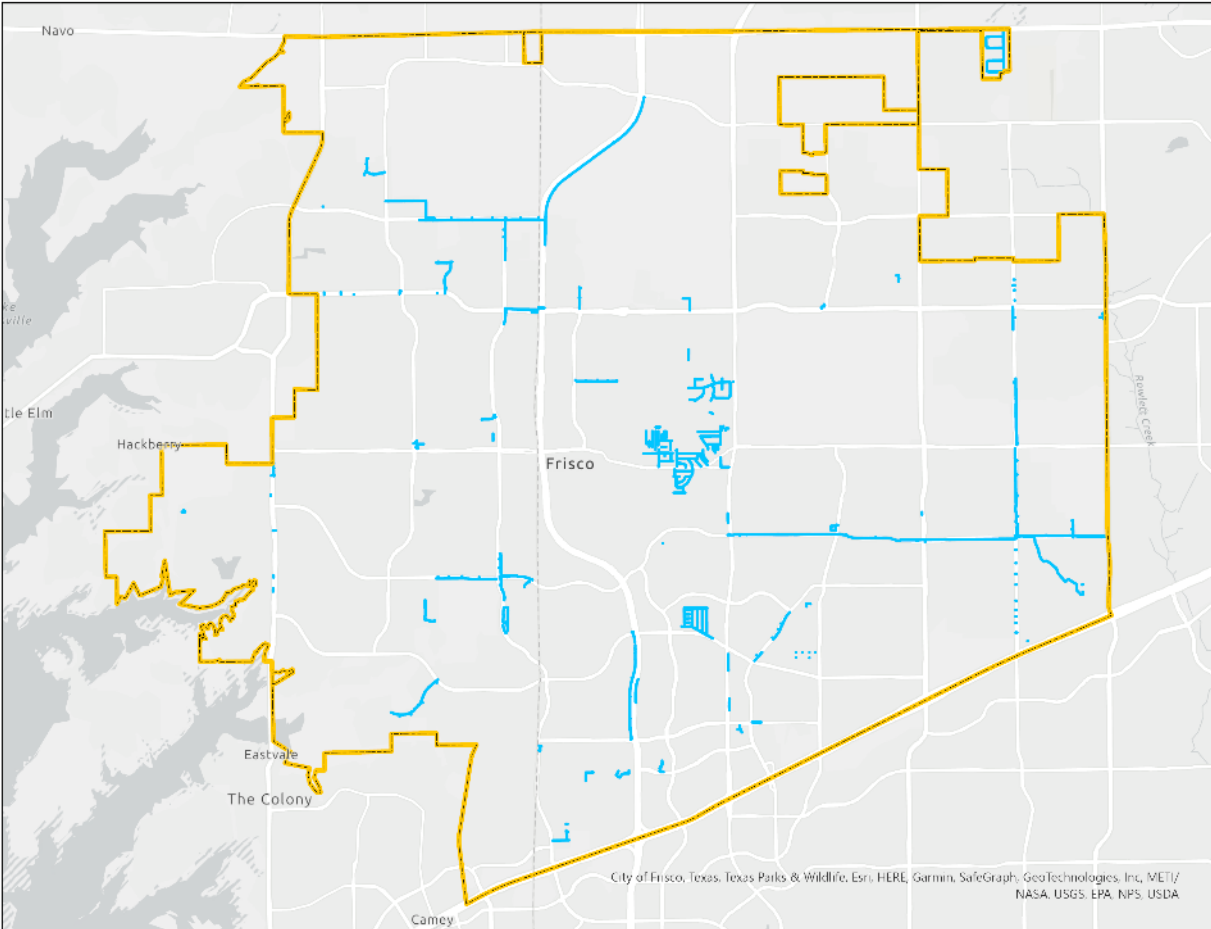


## Wastewater System

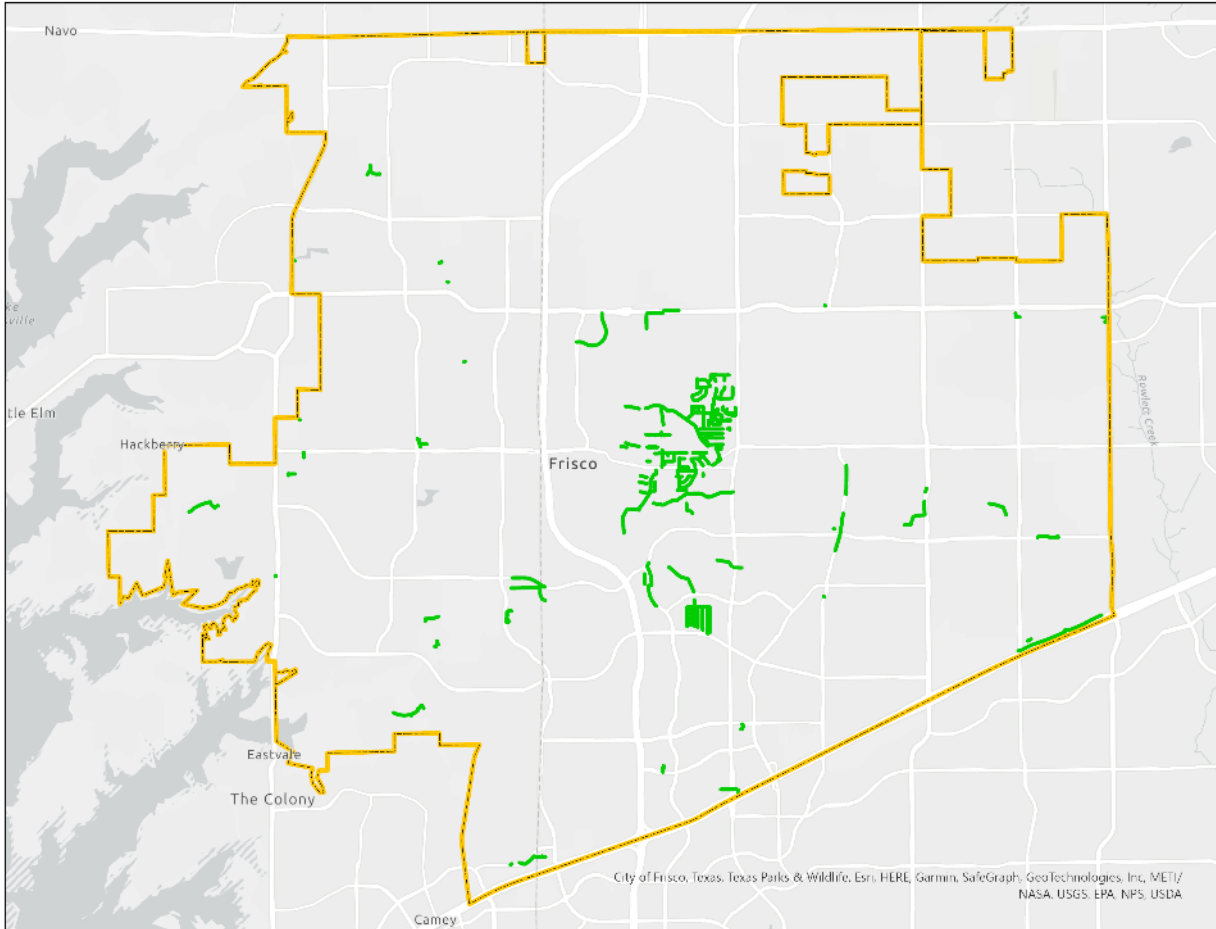


# 1970-1979

## Water System

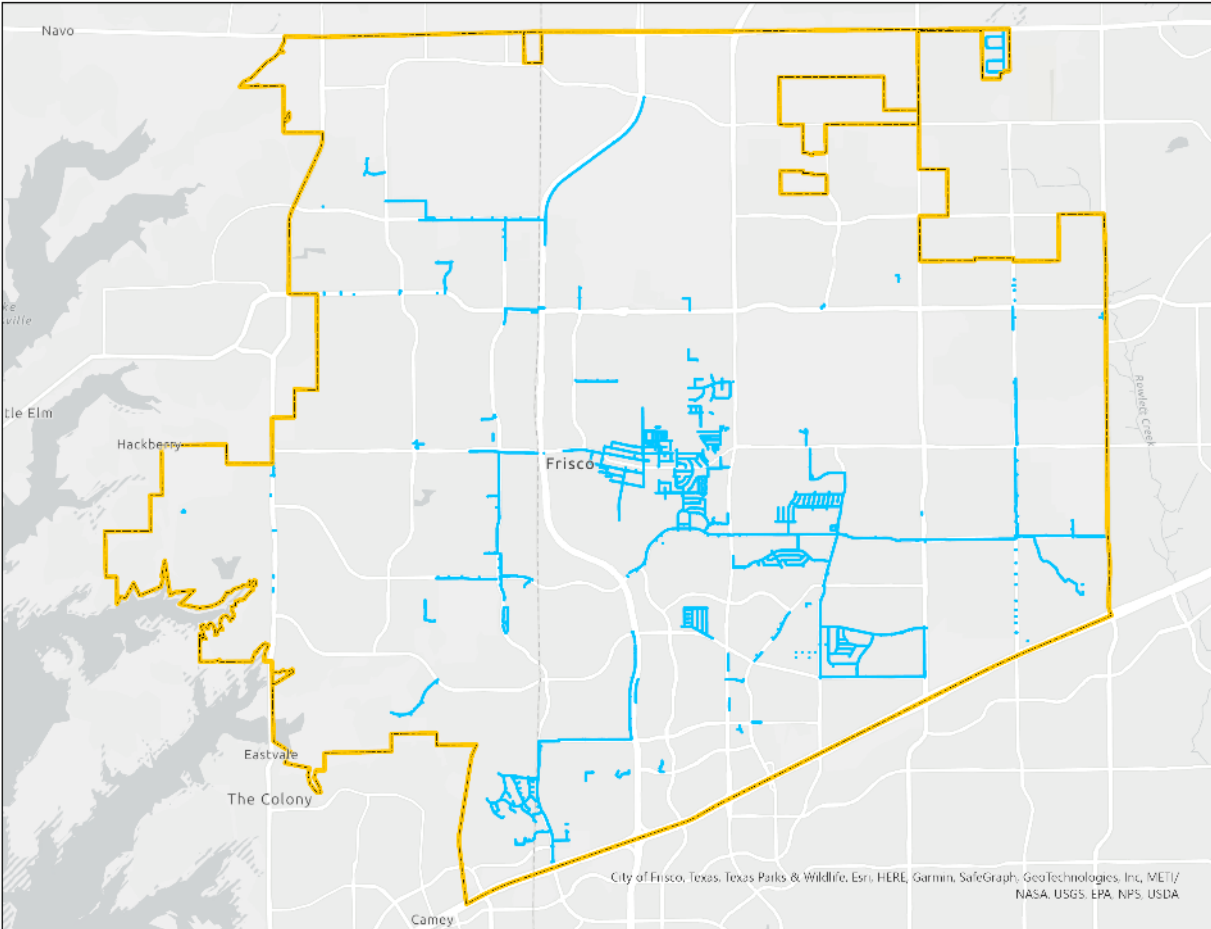


## Wastewater System

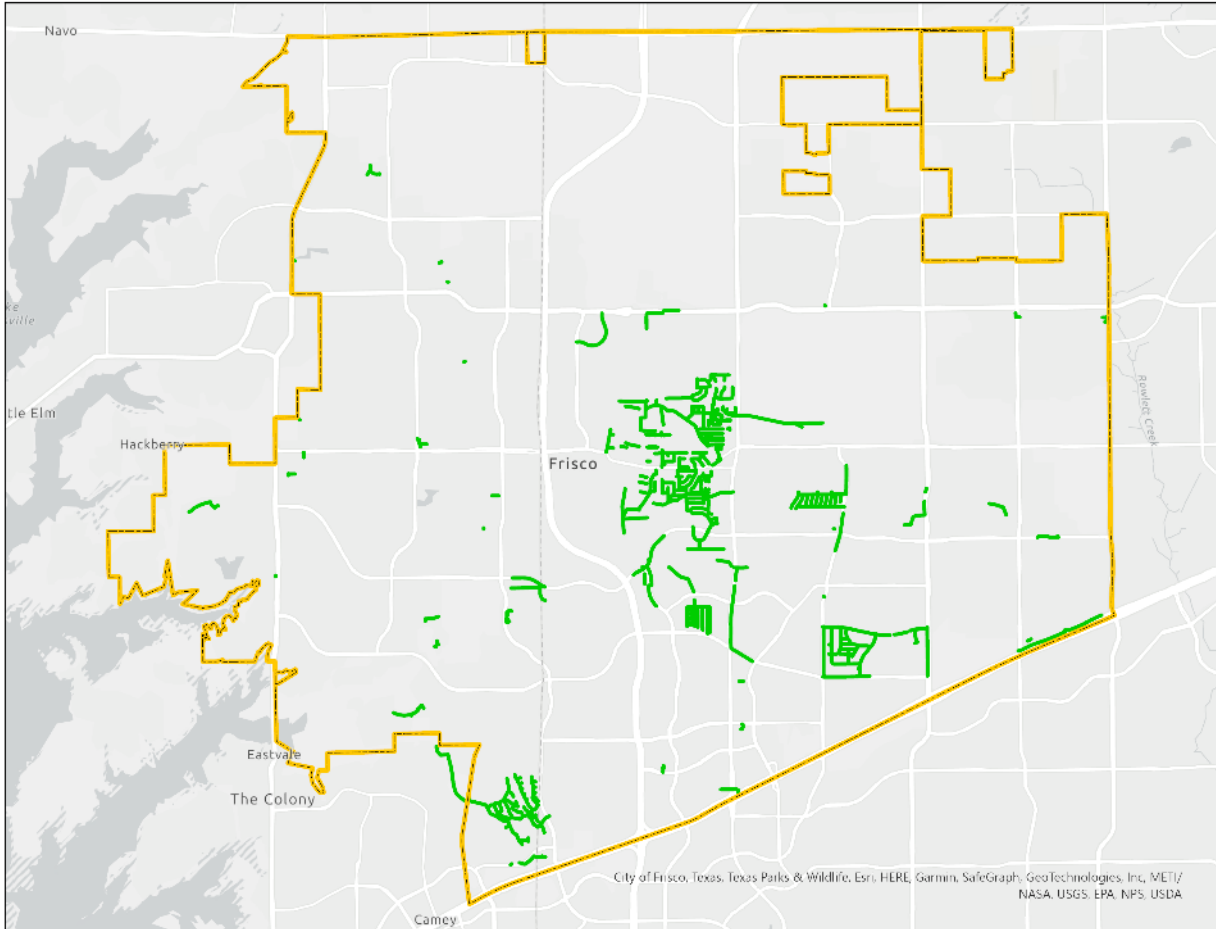


# 1980-1989

## Water System



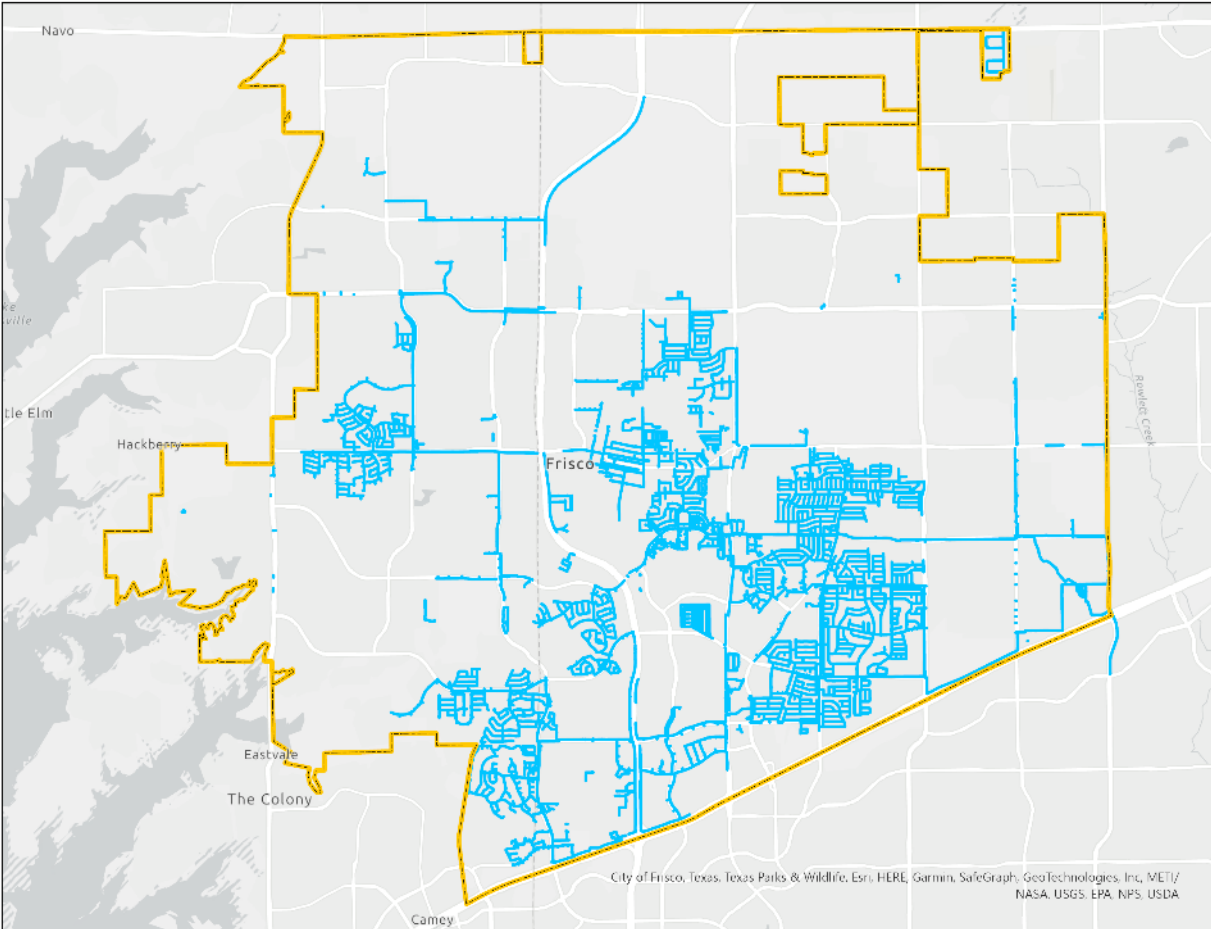
## Wastewater System



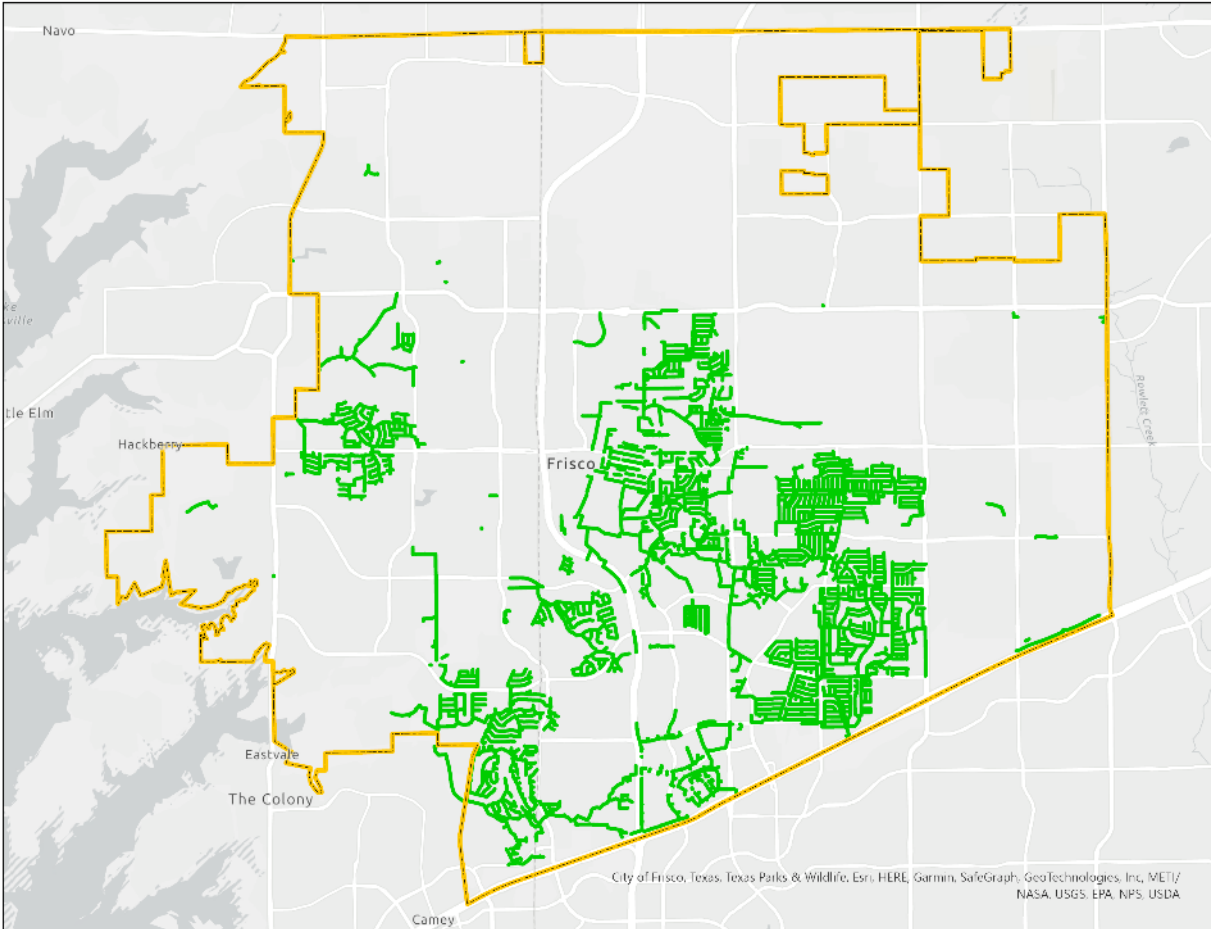


# 1990-1999

## Water System

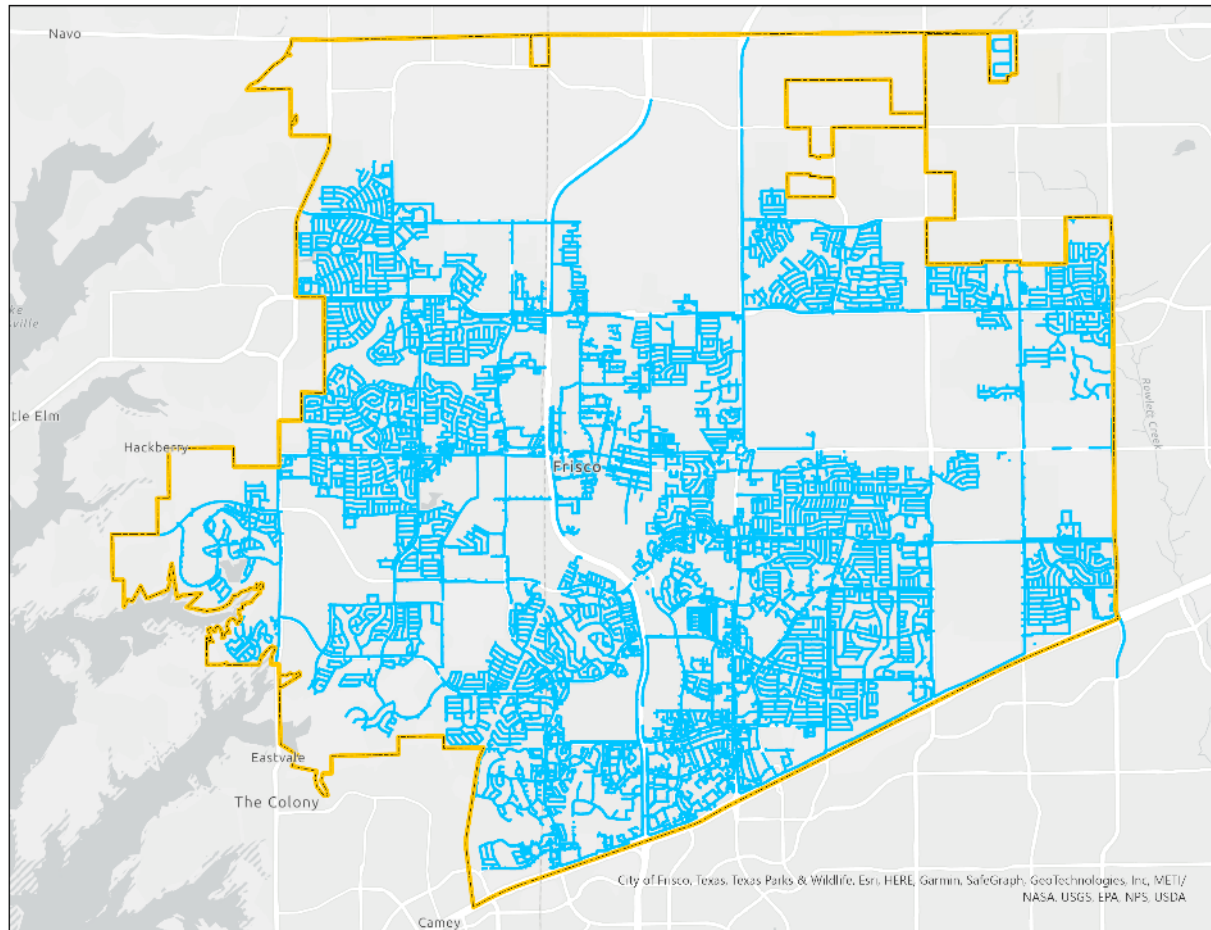


## Wastewater System

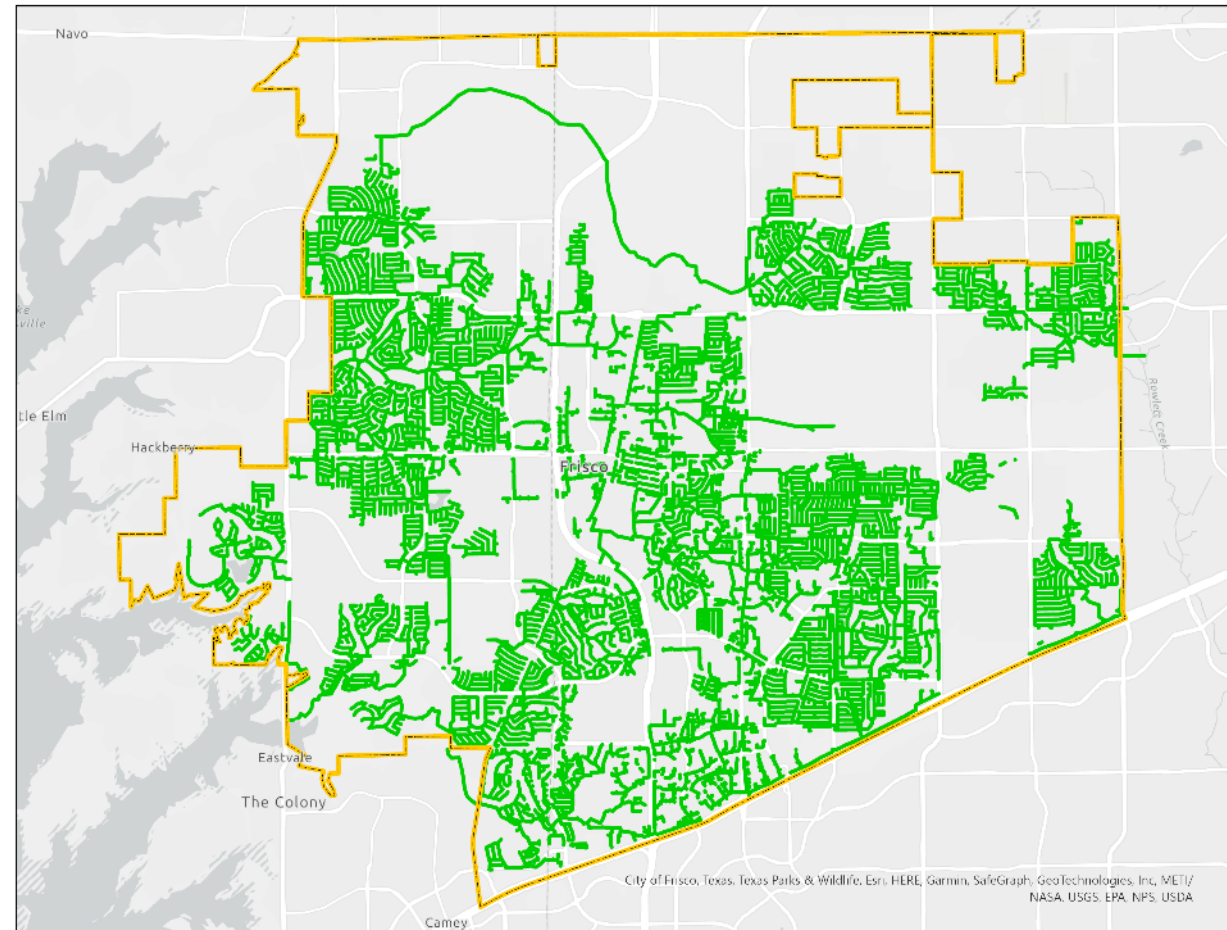


# 2000-2009

## Water System

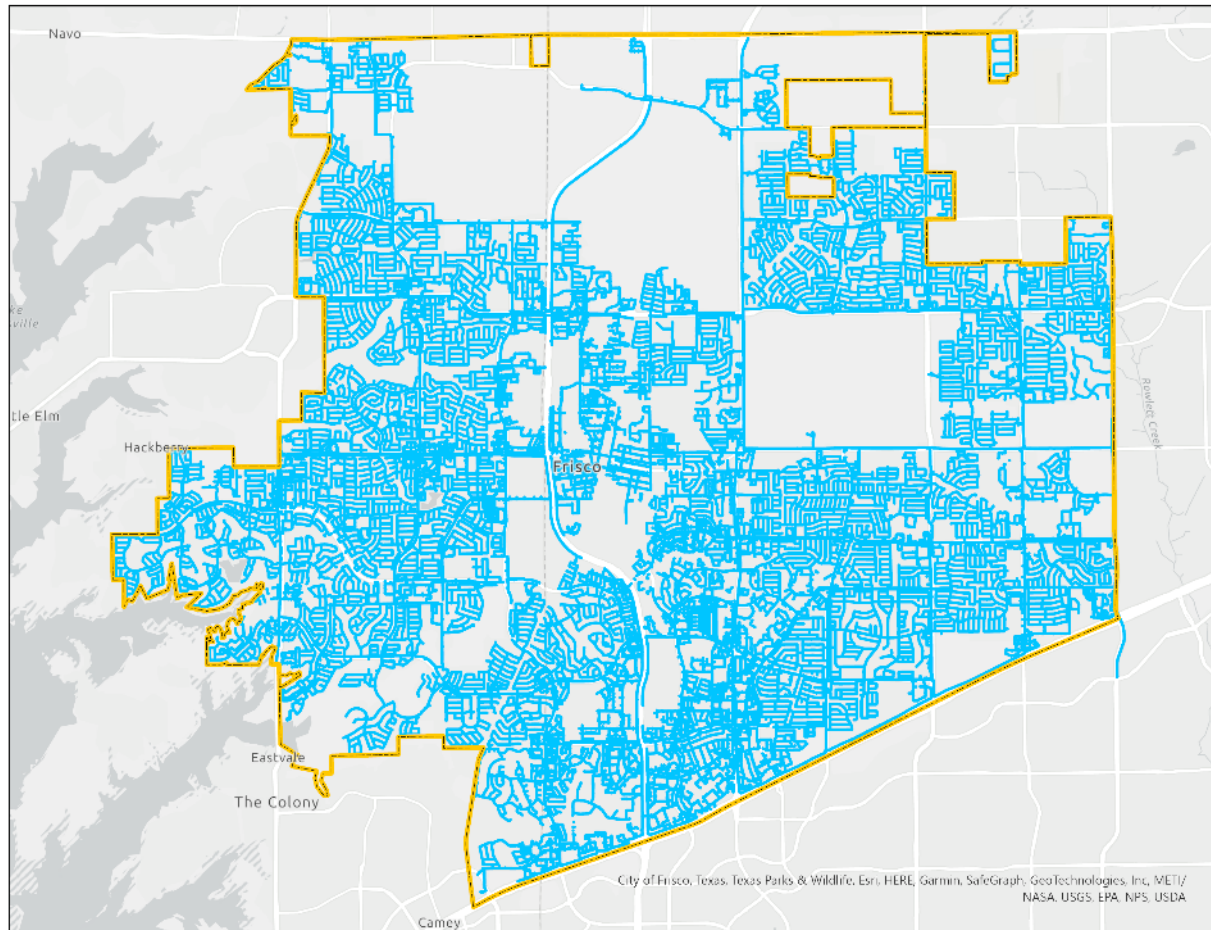


## Wastewater System

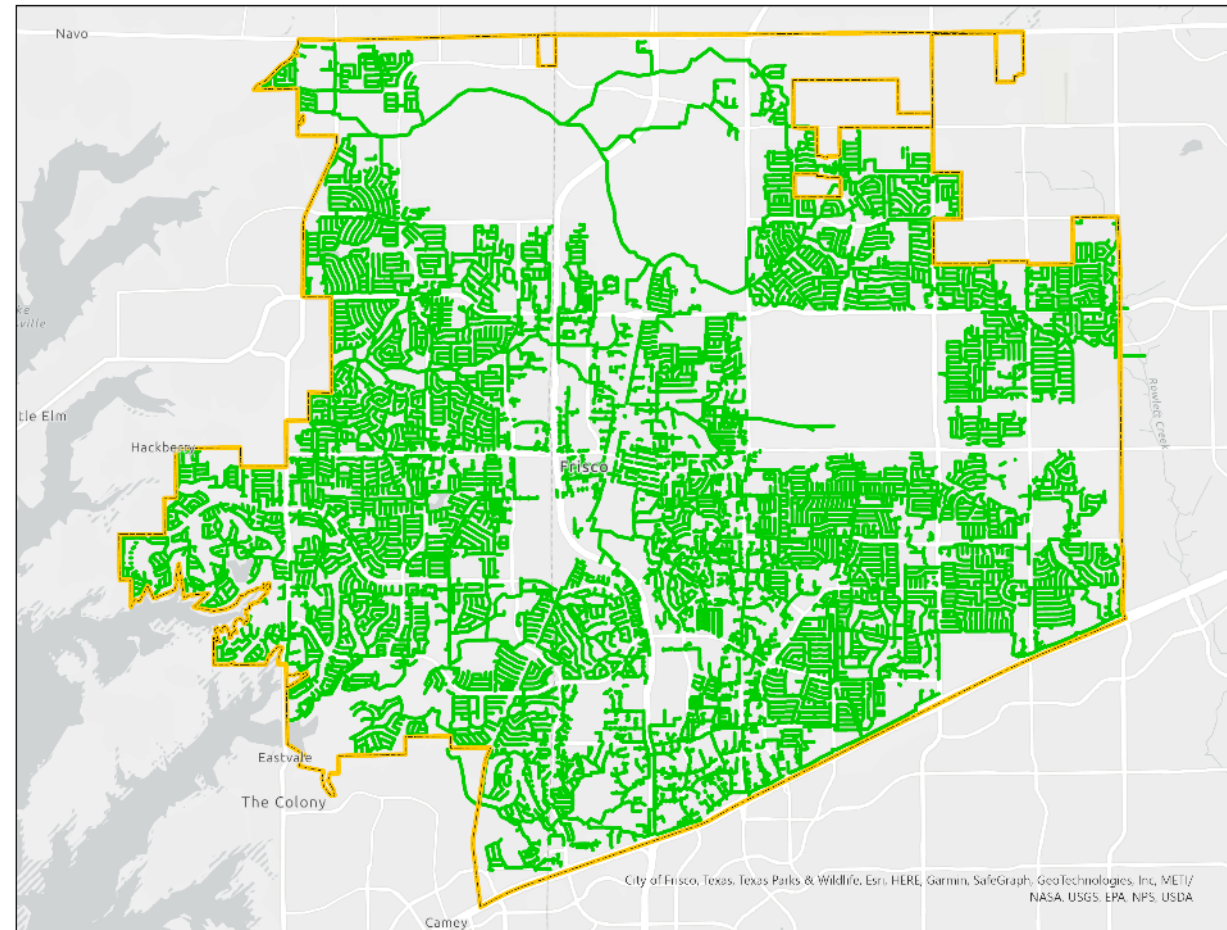


# 2010-2019

## Water System

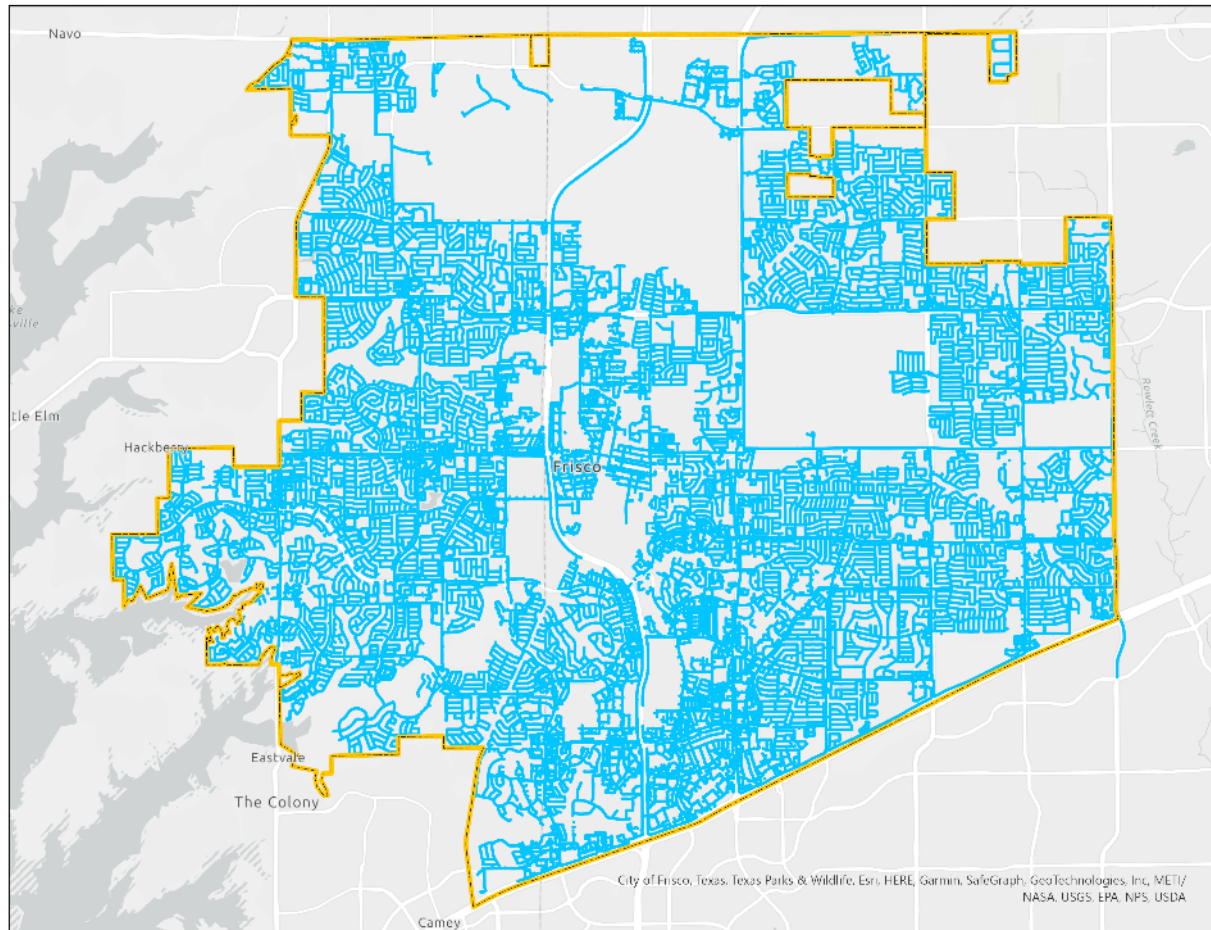


## Wastewater System

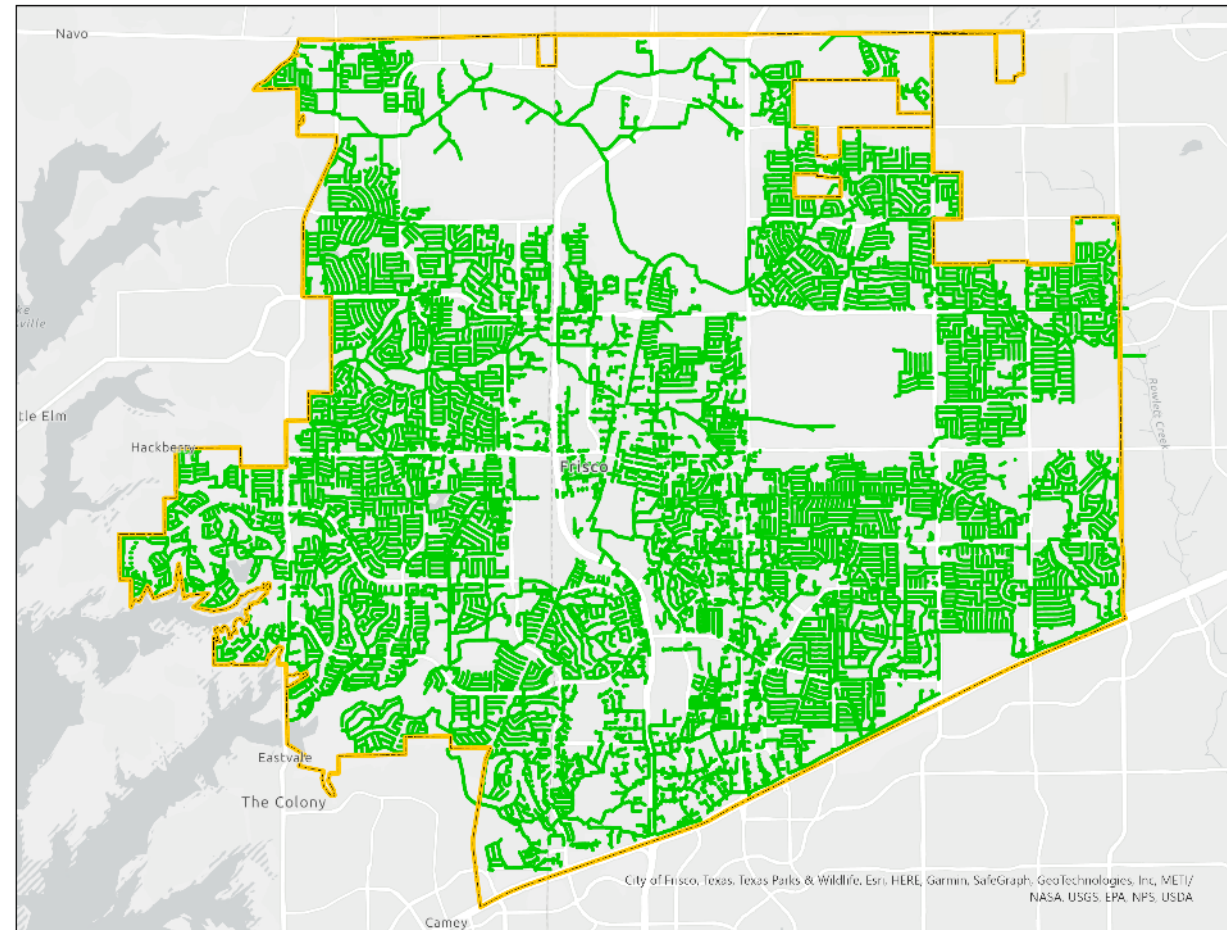


# 2020-Today

## Water System



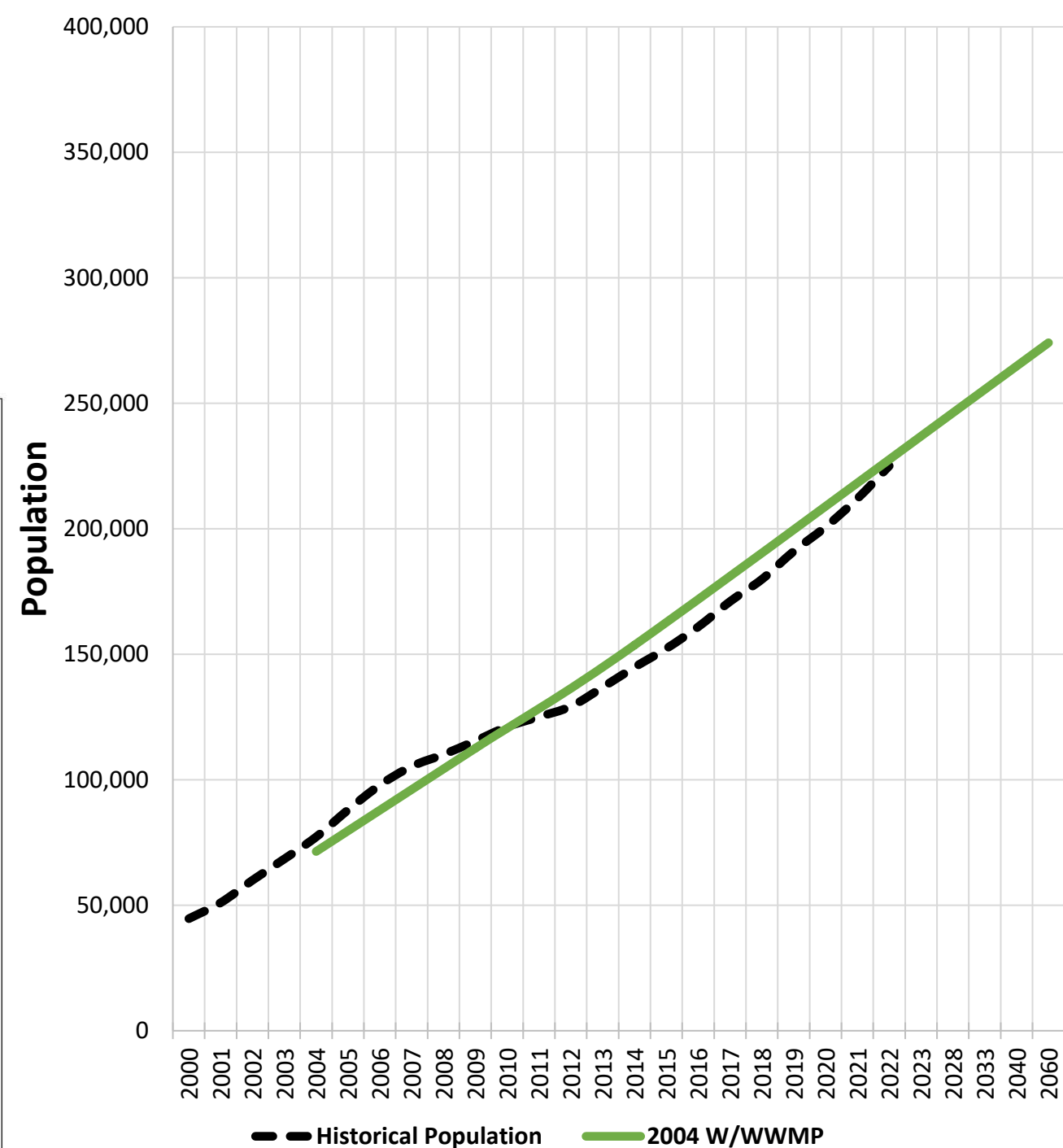
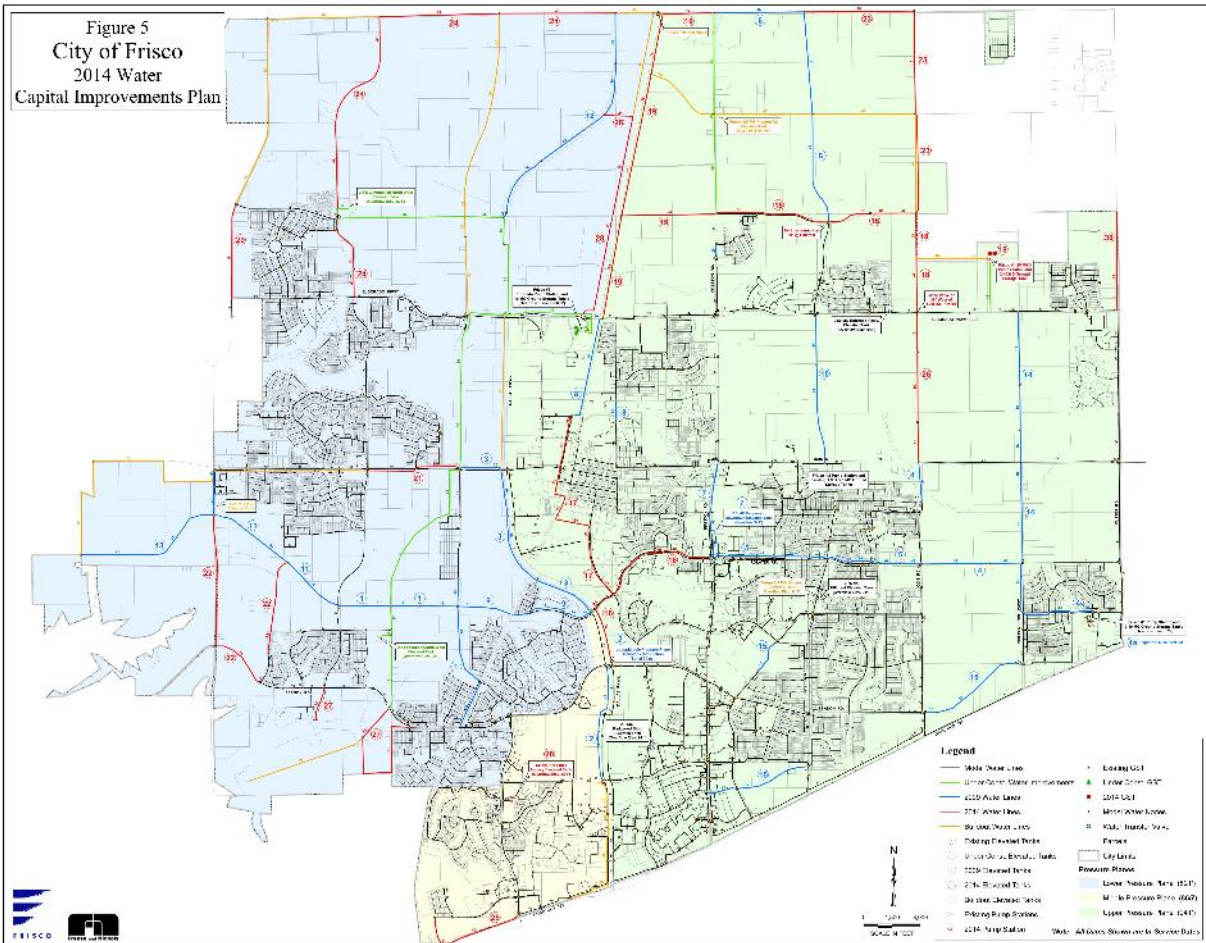
## Wastewater System



# Planning in Motion

## 2004 W/WWMP

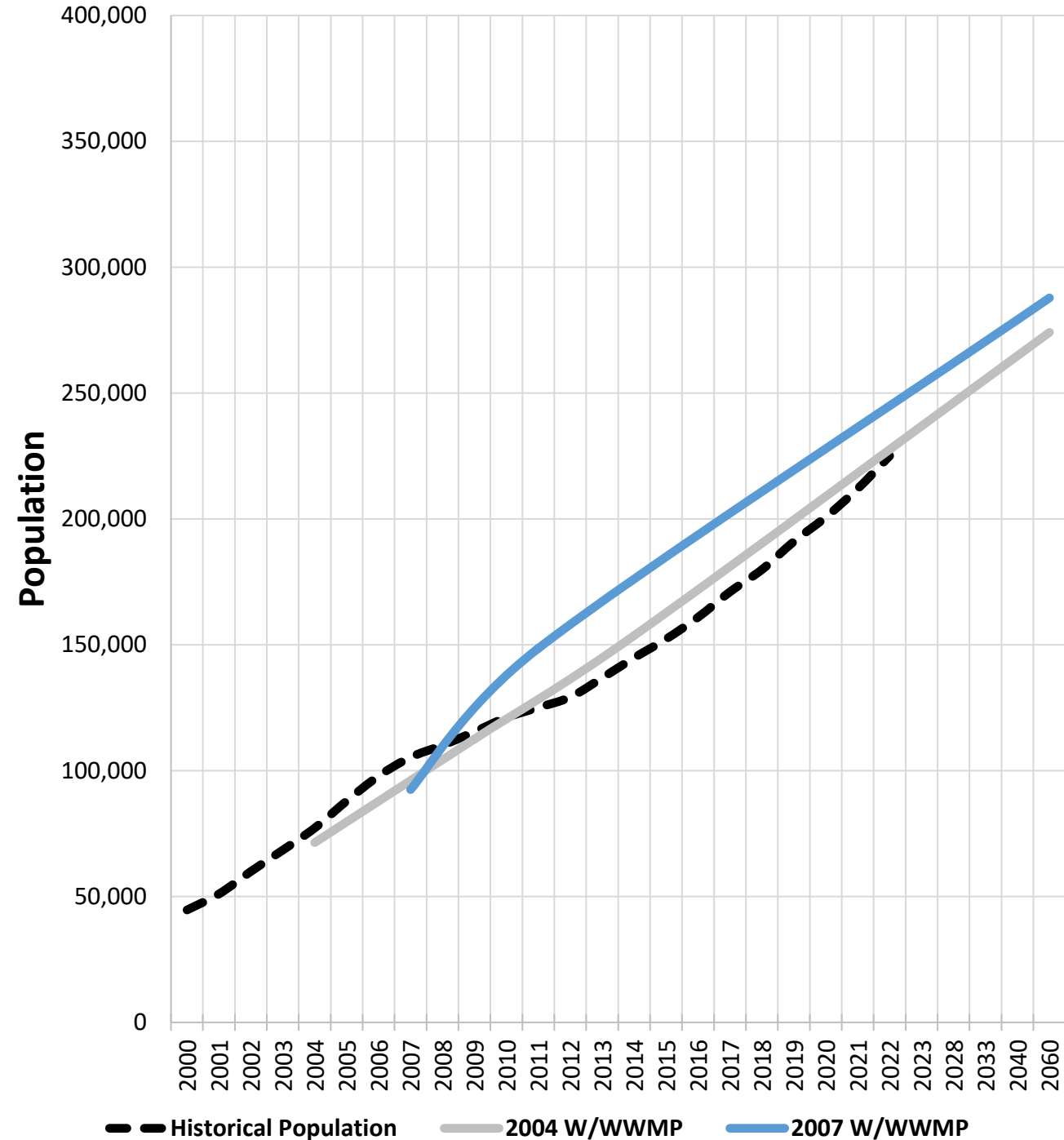
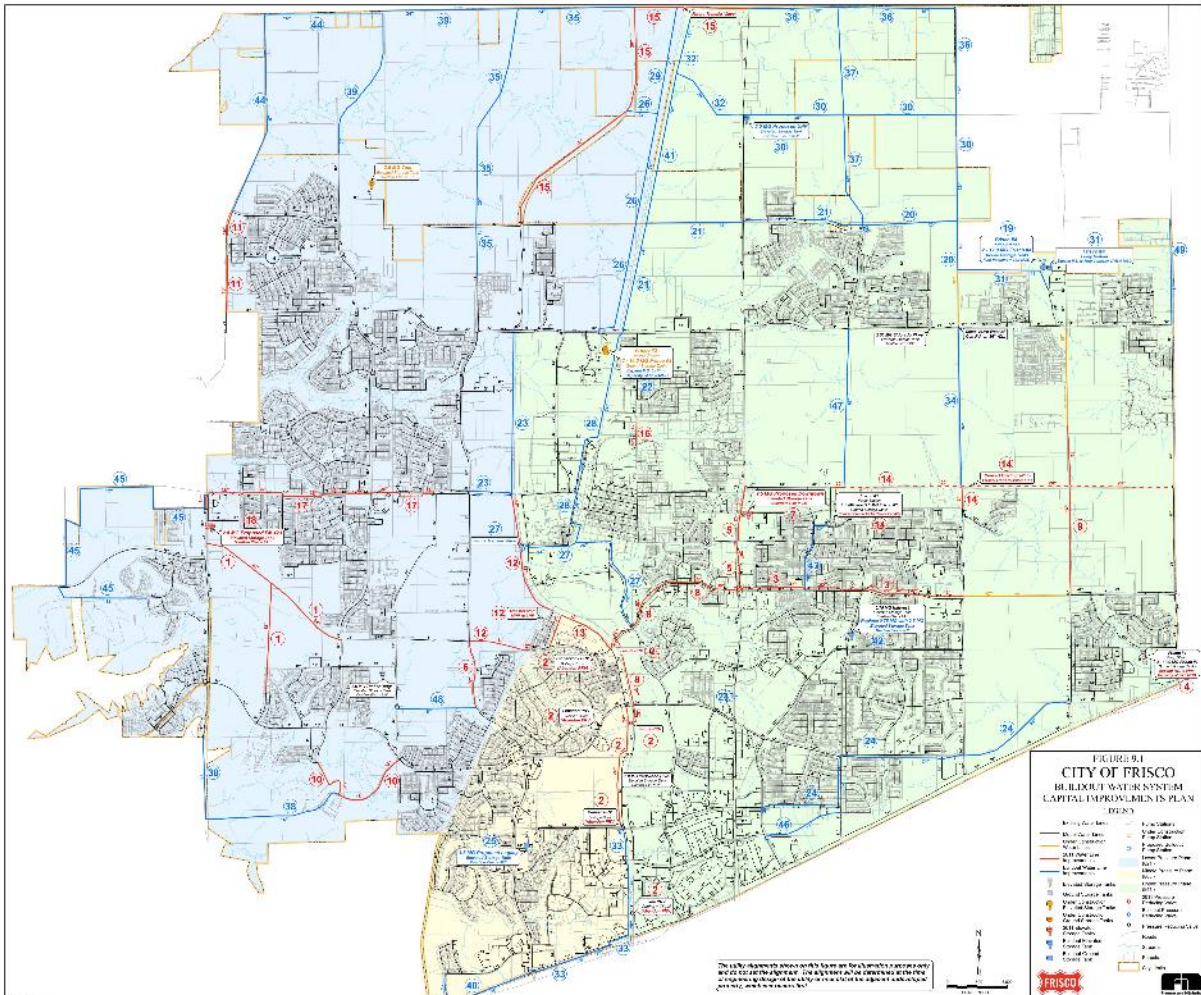
- Projected buildout 274,000 by 2060



# Planning in Motion

## 2007 W/WWMP

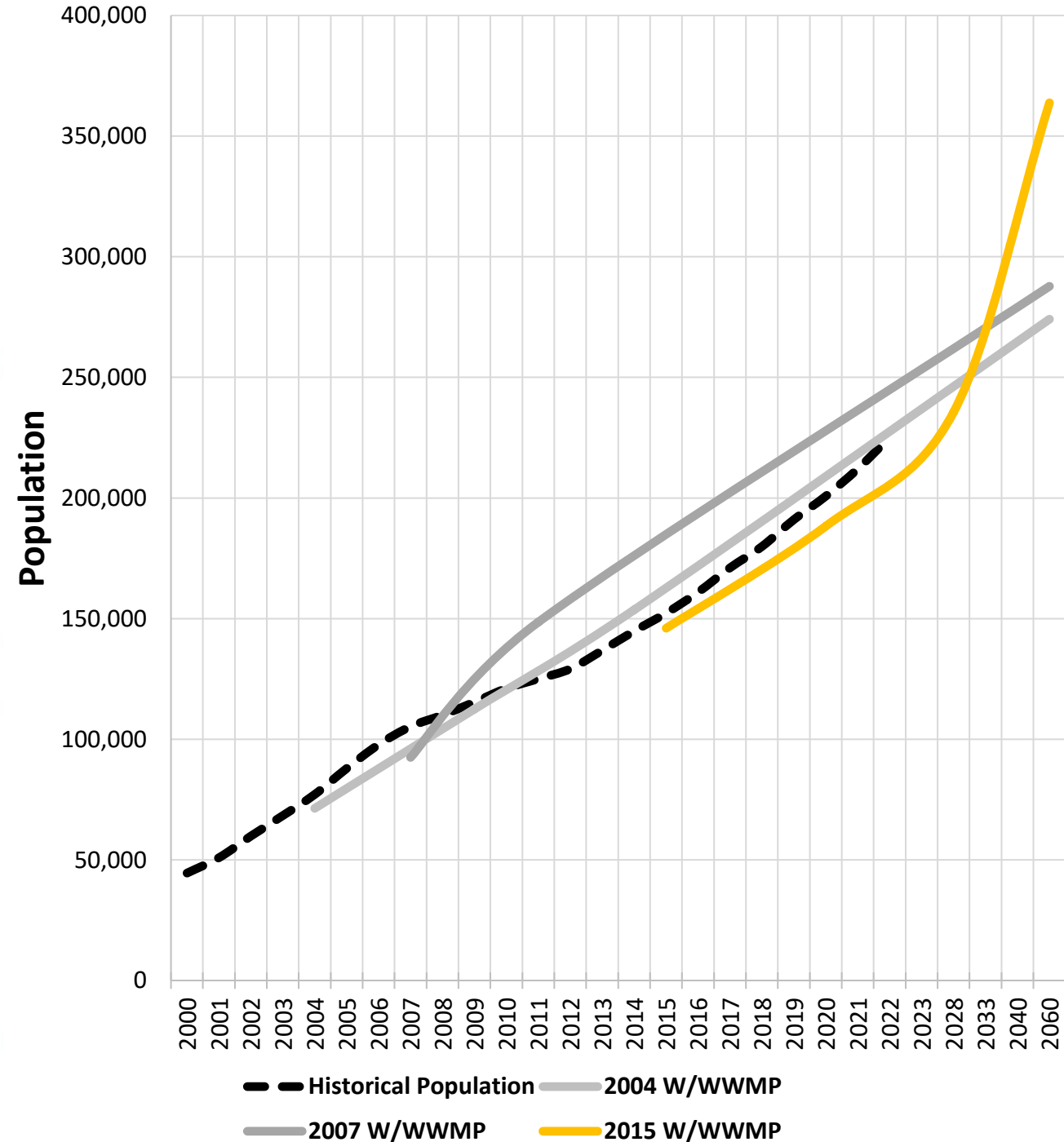
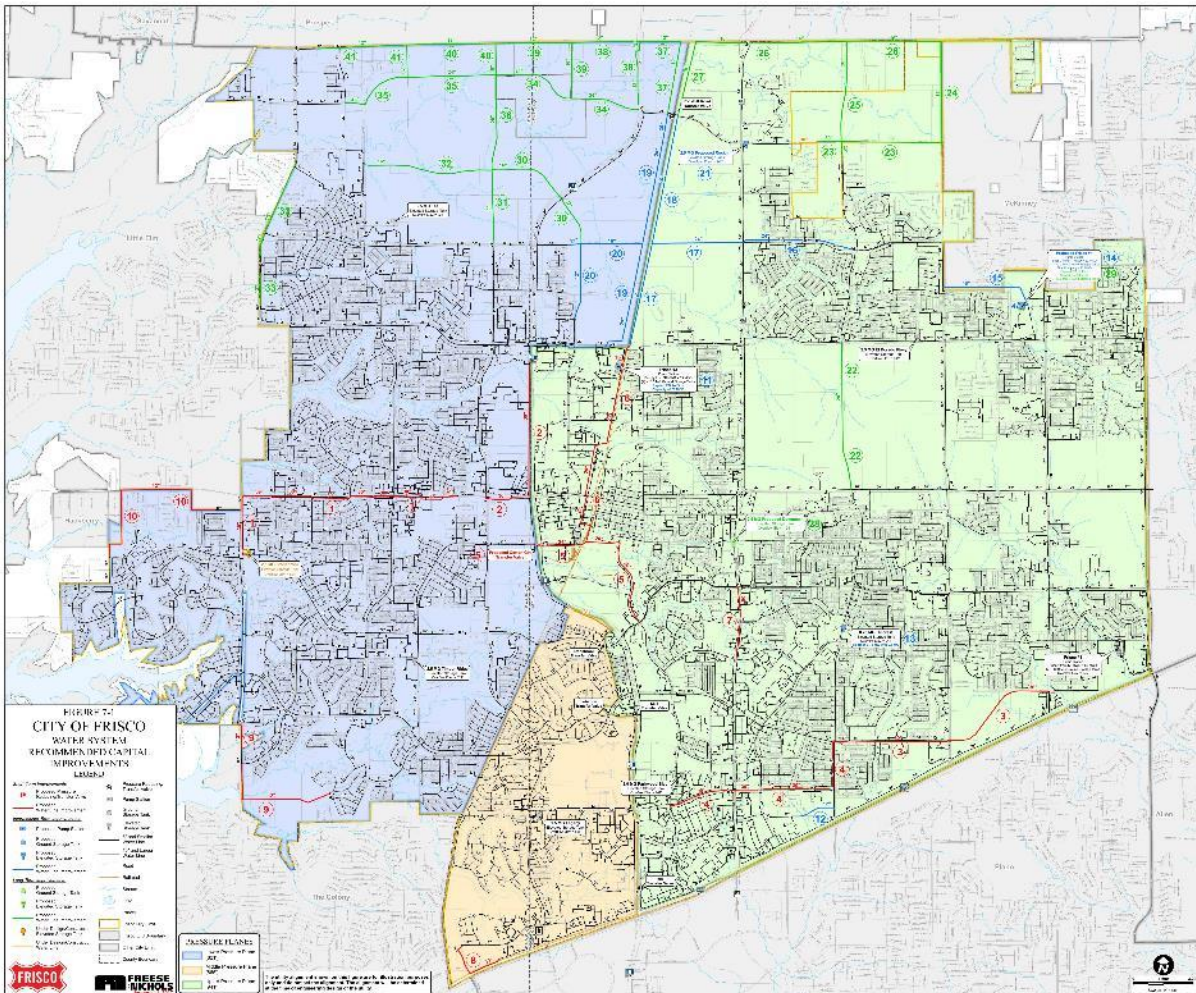
- Projected buildout 287,000 by 2060



# Planning in Motion

## 2015 W/WWMP

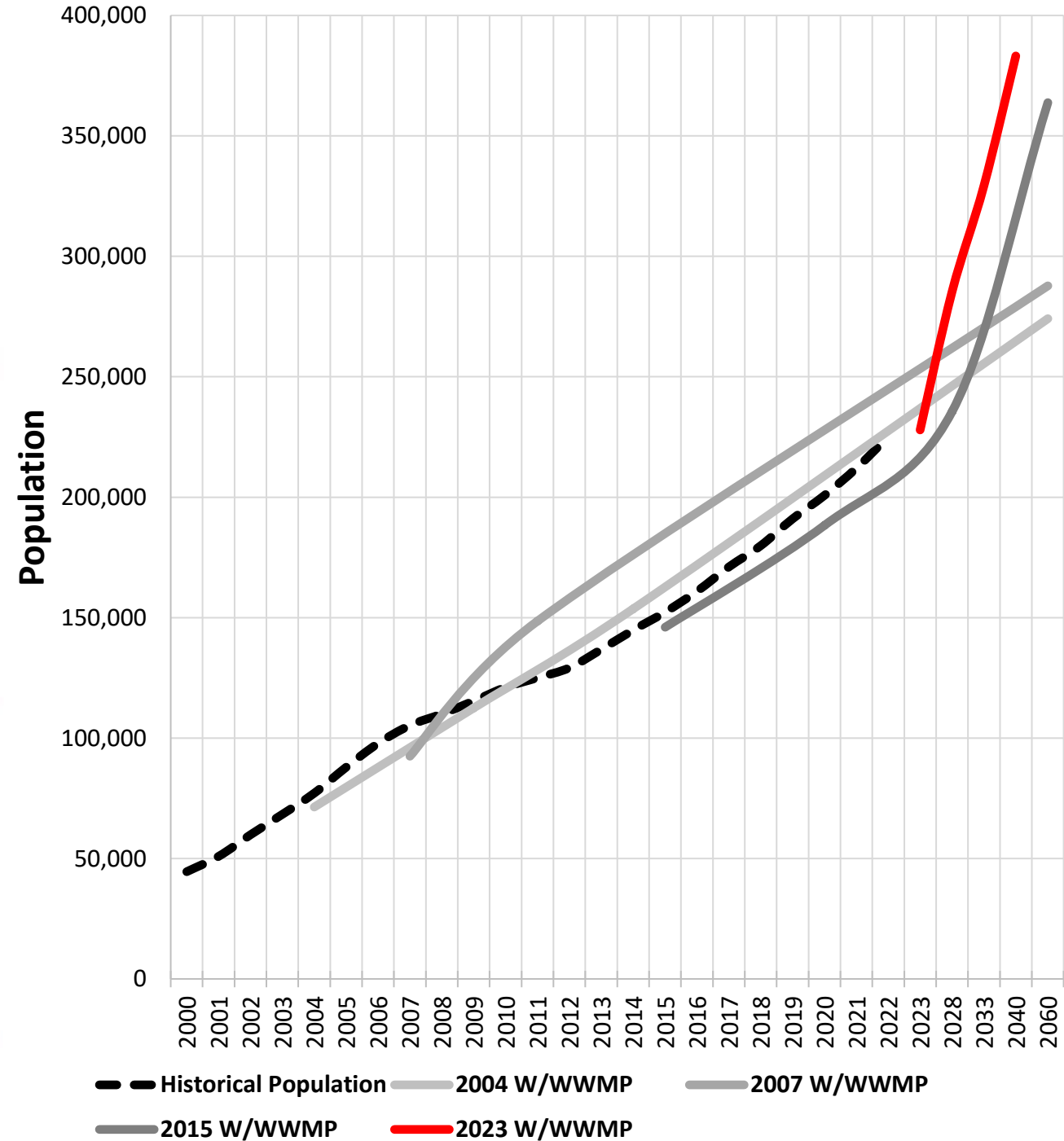
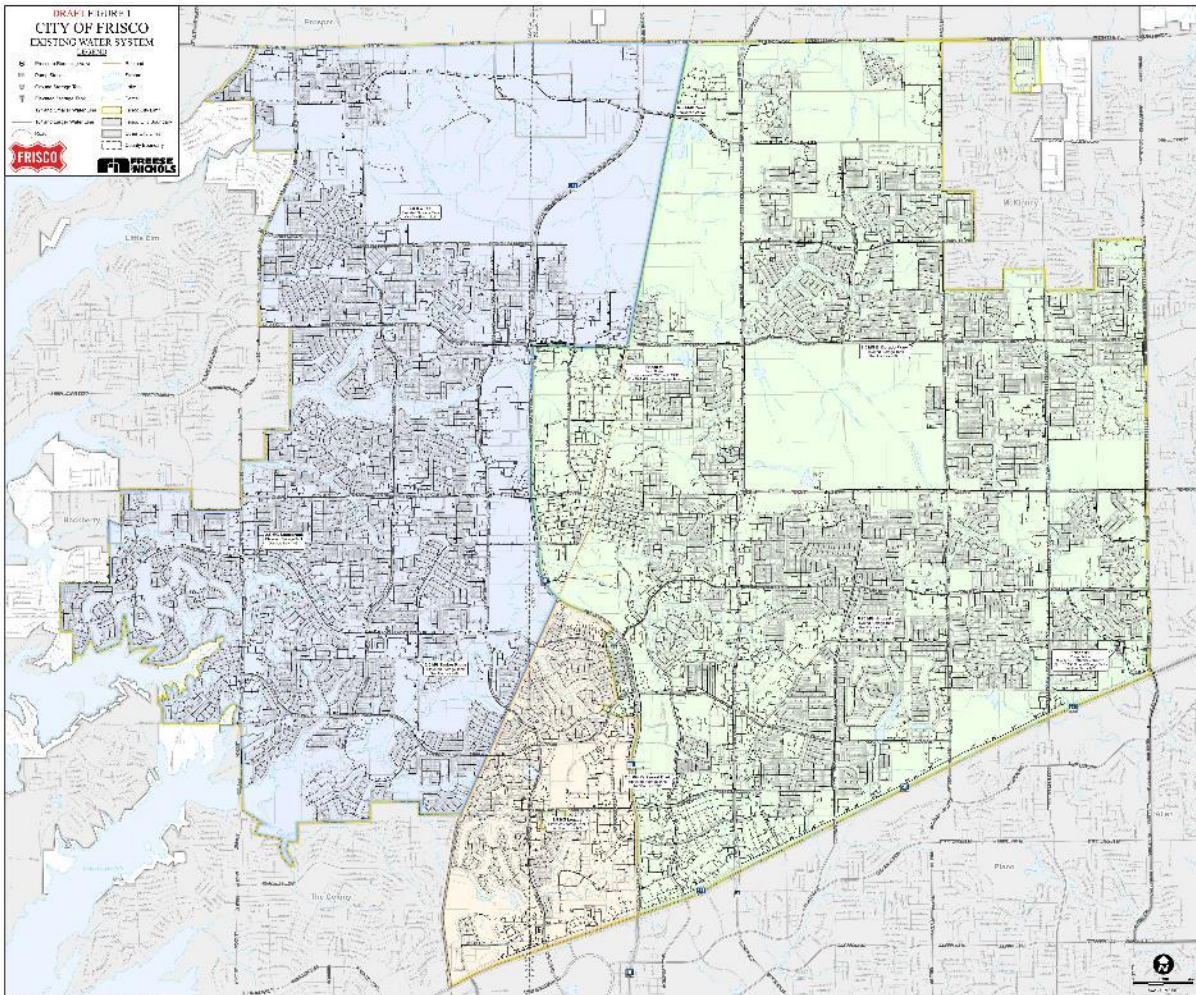
- Projected buildout 364,000 by 2060



# Planning in Motion

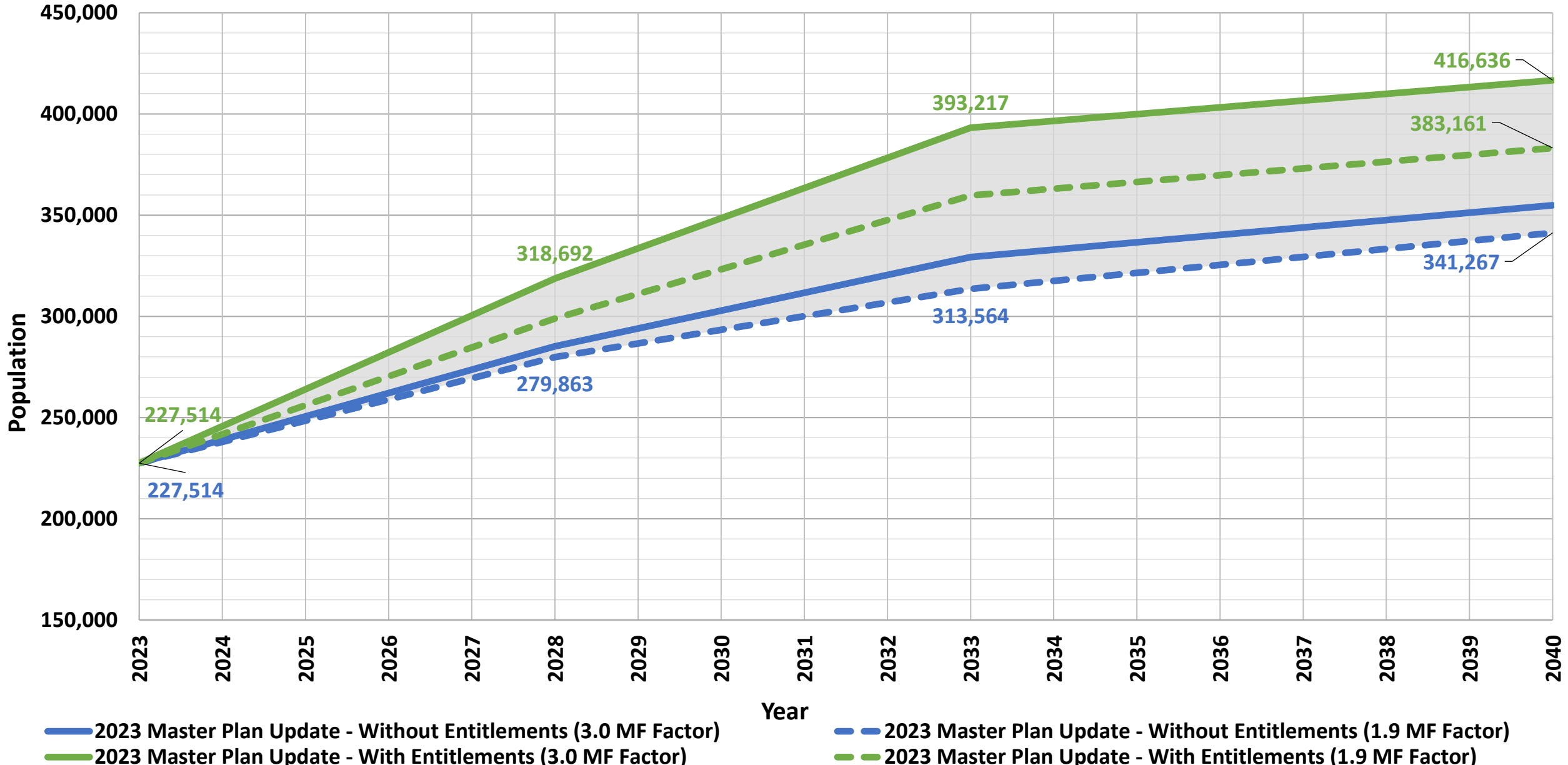
## 2023 W/WWMP

- Projected buildout 383,000 by 2040





# Accounting for Entitlement



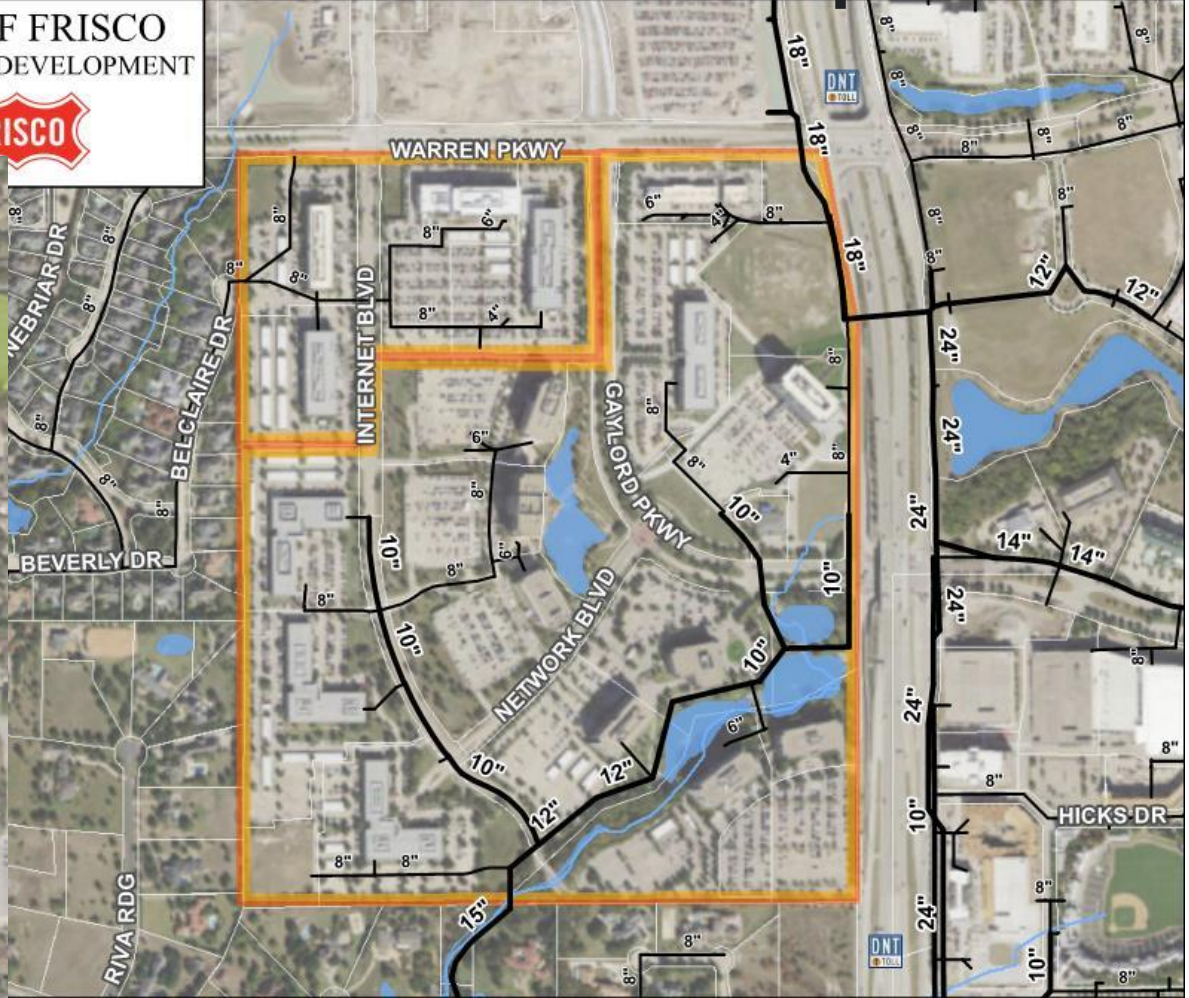
# ... And Redevelopment

## Hall Office Park Redevelopment

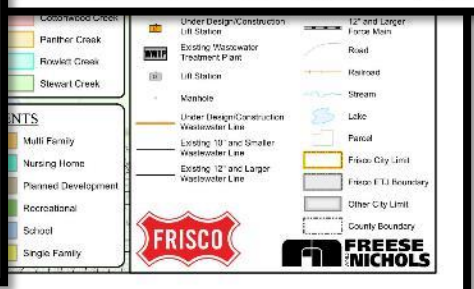
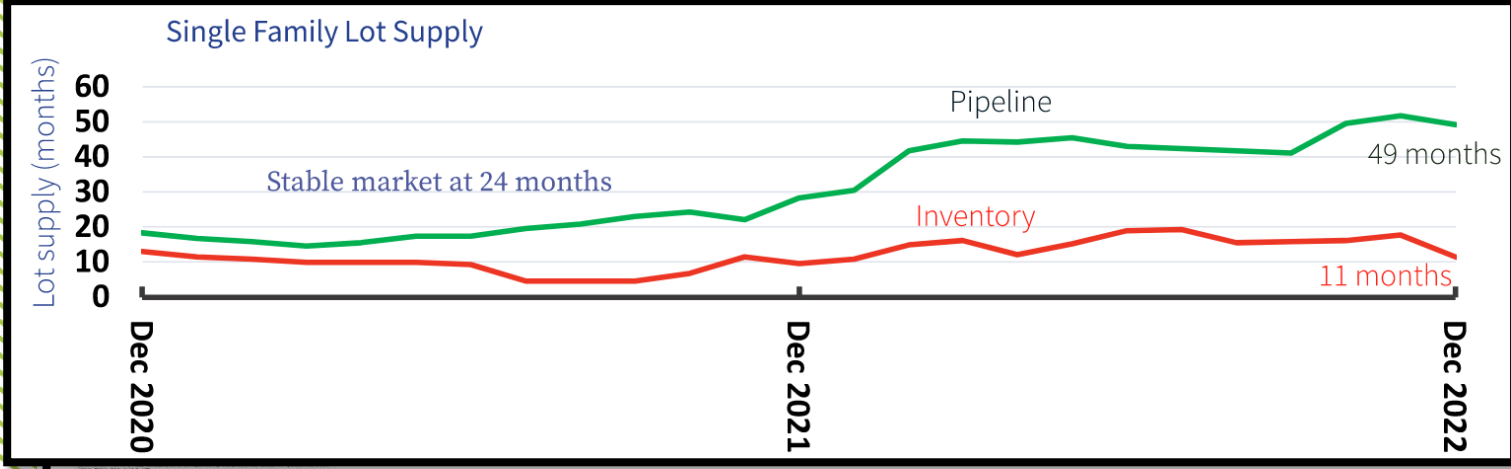
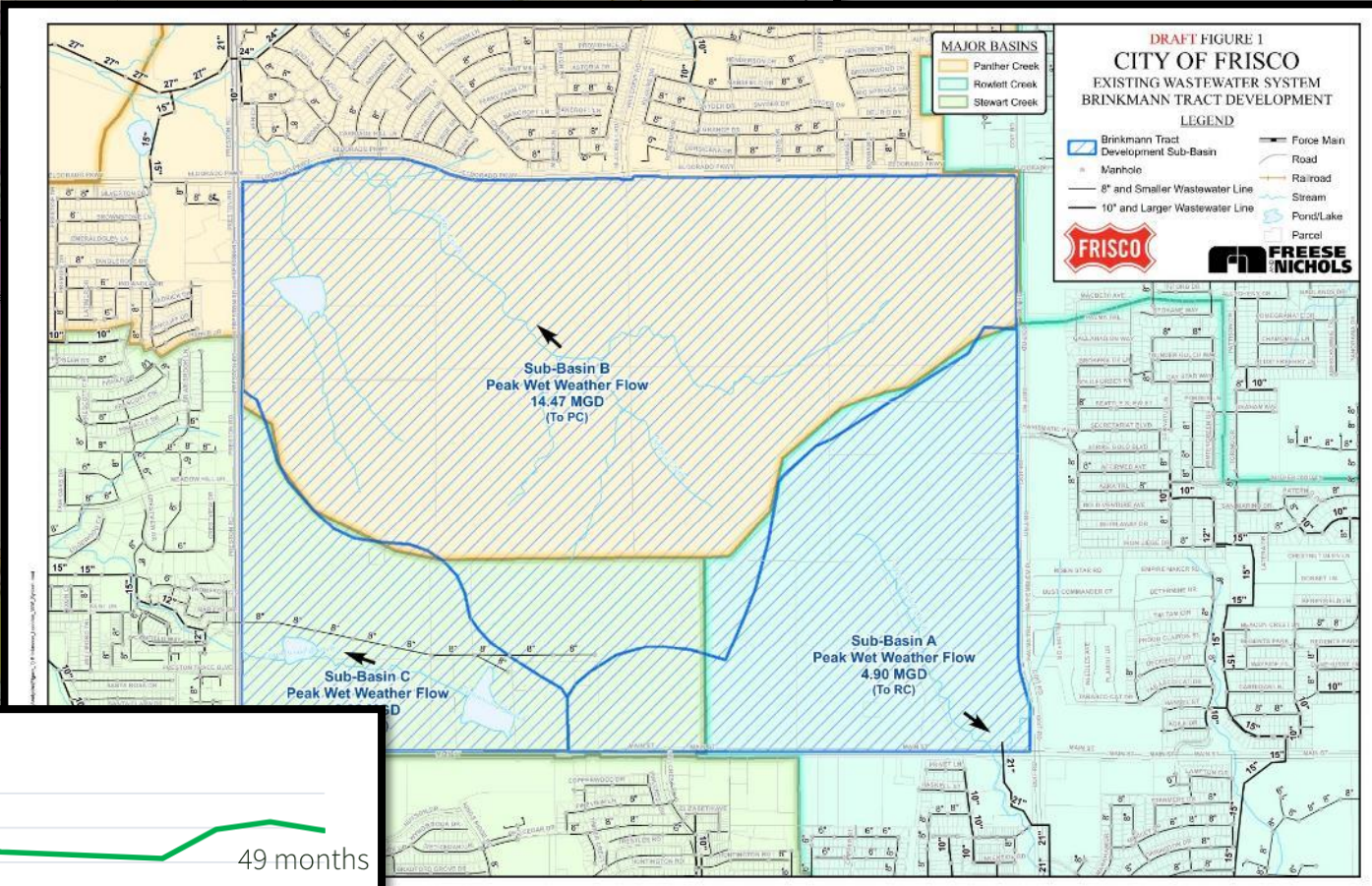
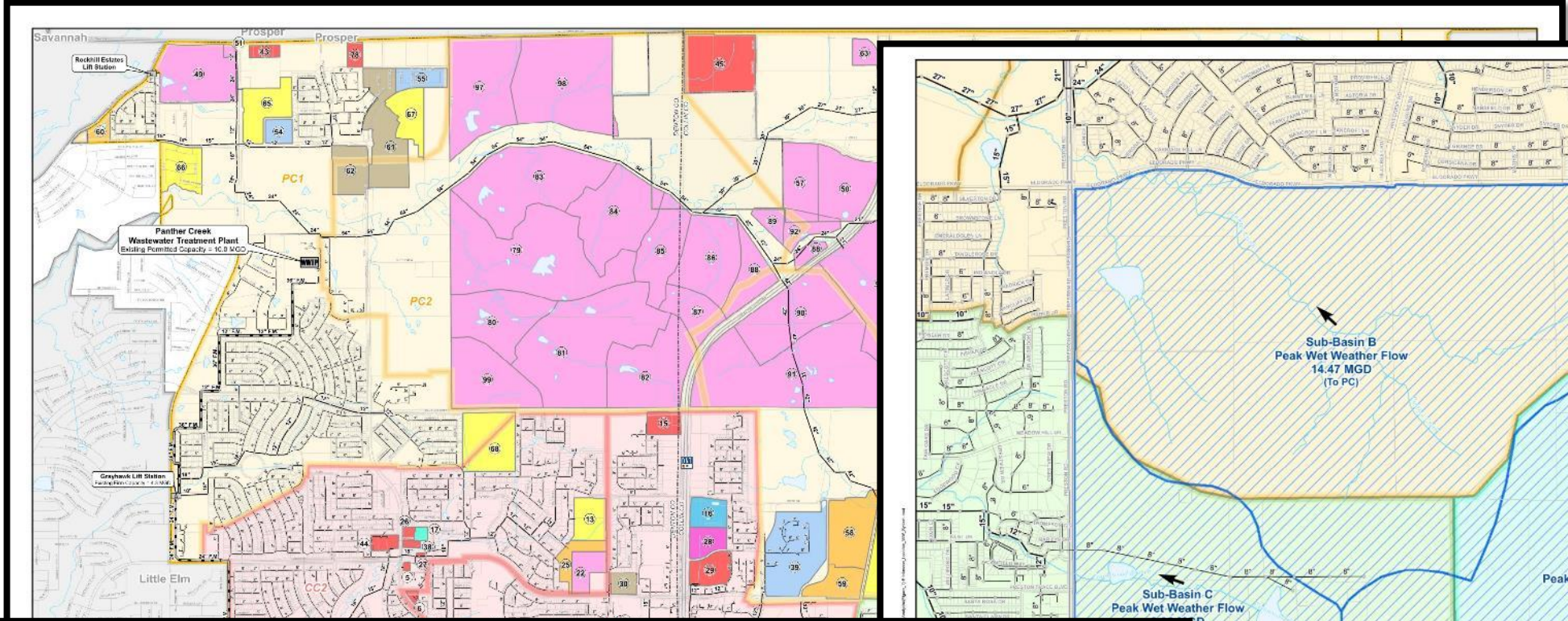
### Downtown Redevelopment



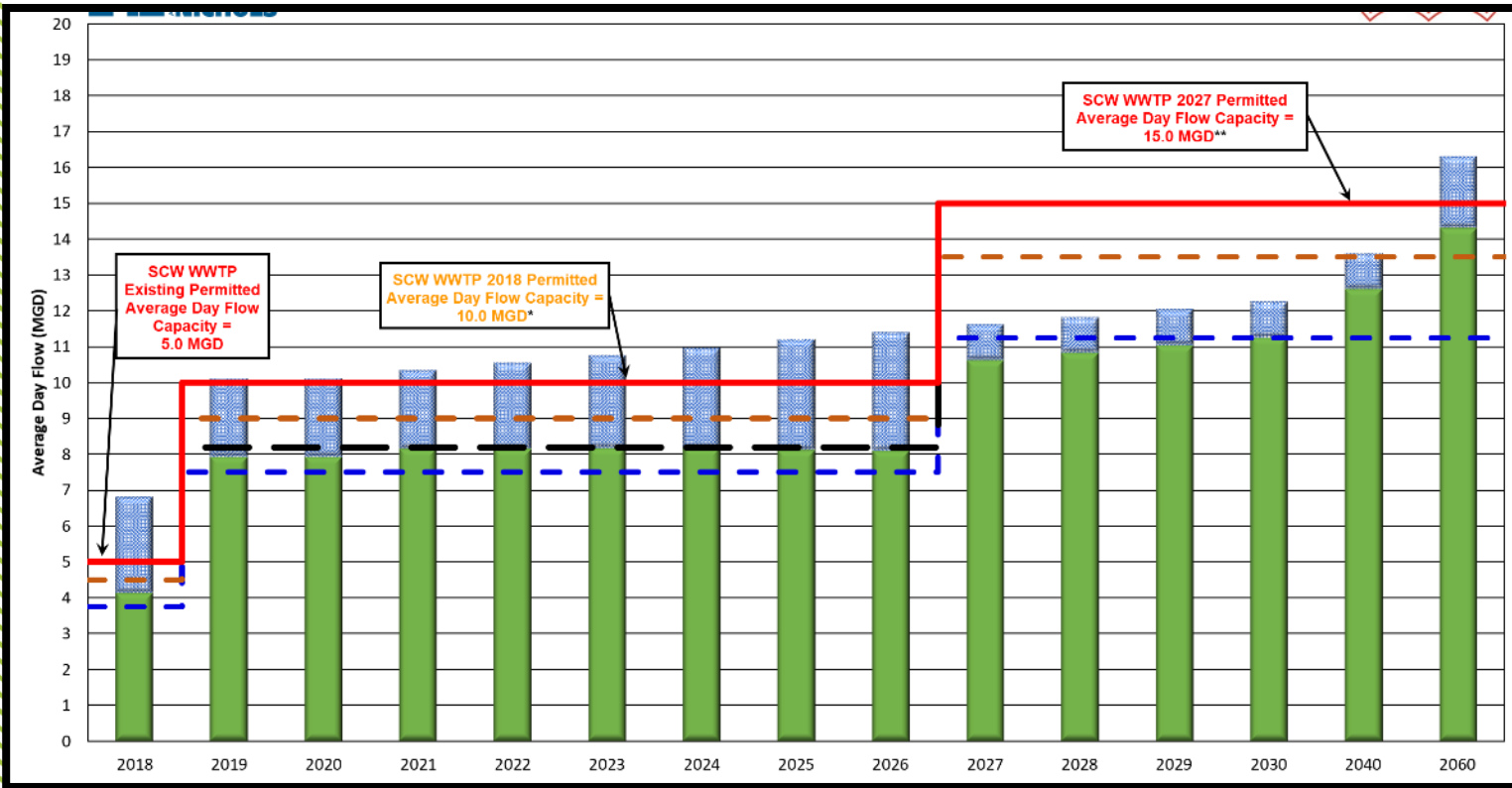
CITY OF FRISCO  
HALL PARK DEVELOPMENT



# ... And More Development

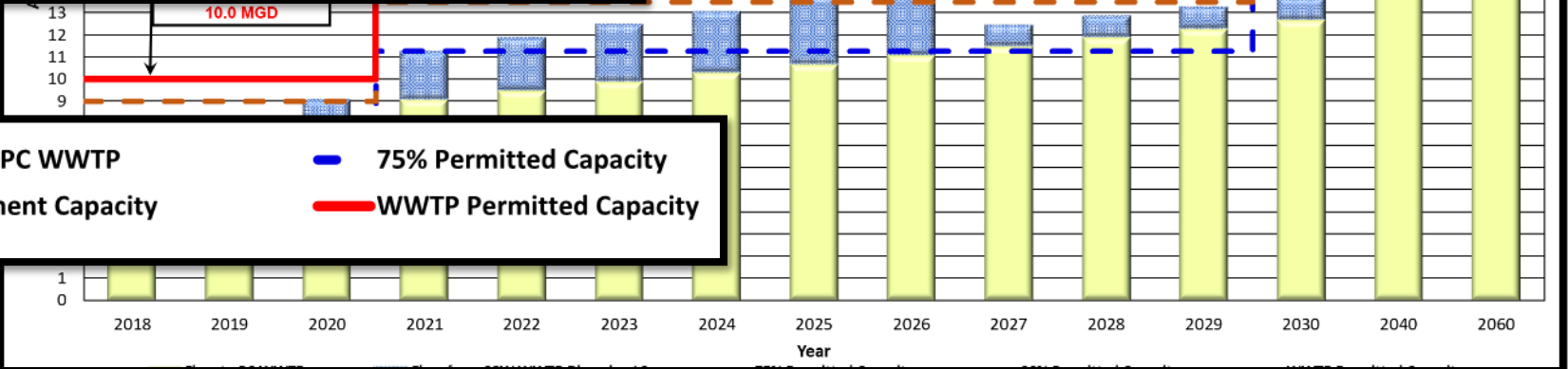


# ... And Facility Planning



\* Initial expansion of Stewart Creek West WWTP is under design/ construction and expands the hydraulic capacity to 8.2 MGD average day and 35 MGD peak wet weather

\*\* Assumes 3.5 peaking factor at WWTP by buildout



■ SCW WWTP Average Day Flow     
 ■ Transferred to PC WWTP     
 — 75% Permitted Capacity  
— 90% Permitted Capacity     
 — WWTP Treatment Capacity     
 — WWTP Permitted Capacity

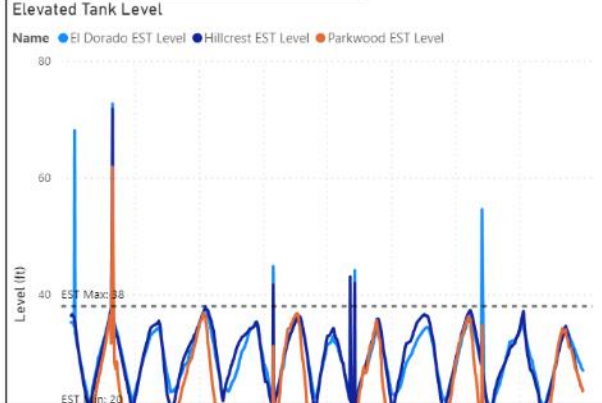
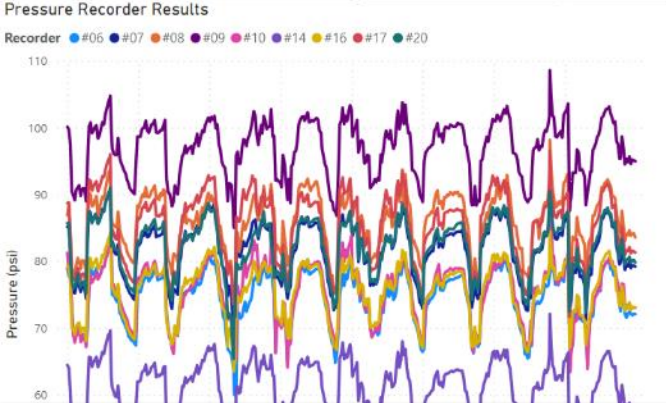
# ... And More Data

**City of Frisco Water/Wastewater Master Plan Water System Operations Data 8/25/22 - 9/7/22**

Time: 8/28/2022 to 8/31/2022

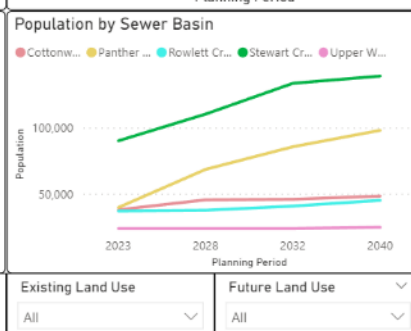
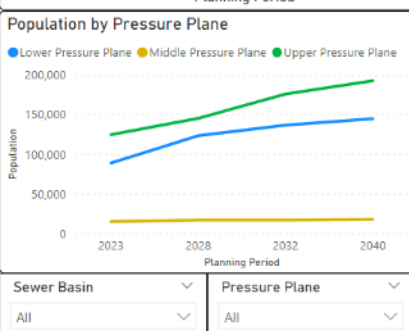
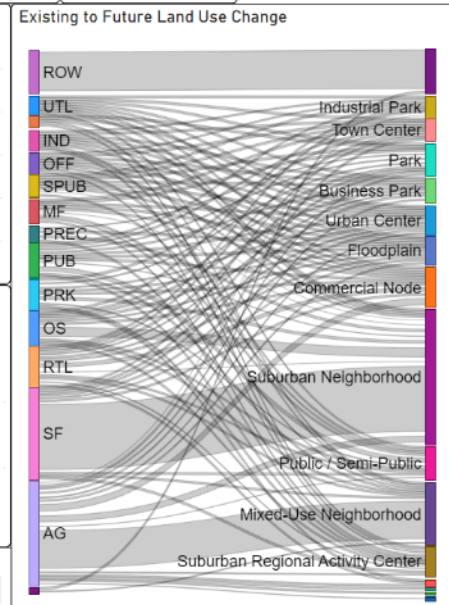
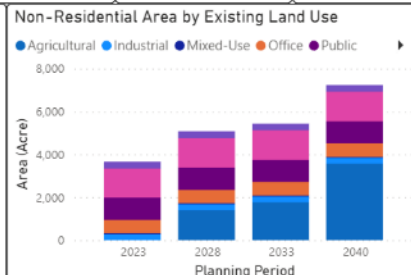
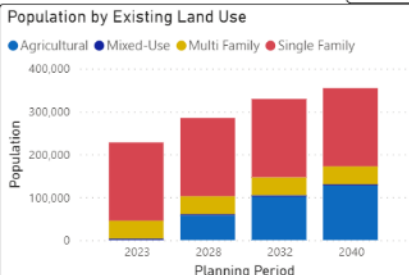
**Pressure Plane**

- Lower Pressure Plane
- Middle Pressure Plane
- Upper Pressure Plane



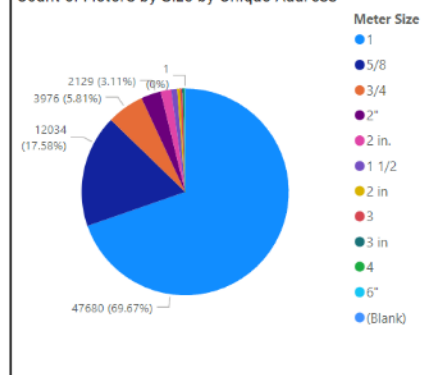
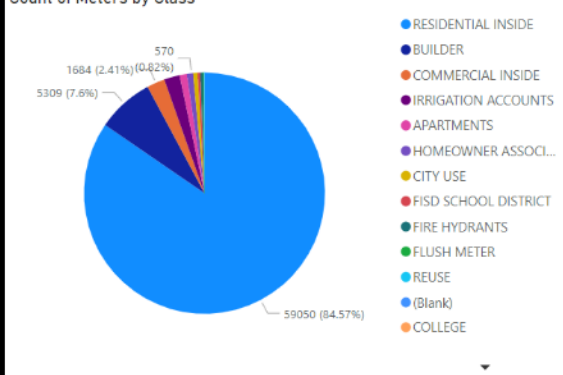
**City of Frisco Water/Wastewater Master Plan Population Projections**

2023 Population	2028 Population	2032 Population	2040 Population
227,965	285,239	329,242	354,803



**City of Frisco Water/Wastewater Master Plan Water Meter Data**

2021 Count	2022 Count	2023 Count
63,483	64,981	65,330

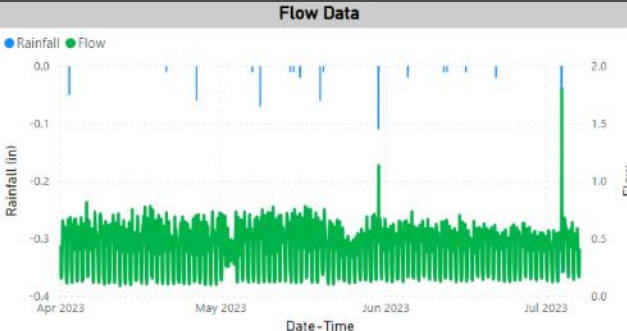
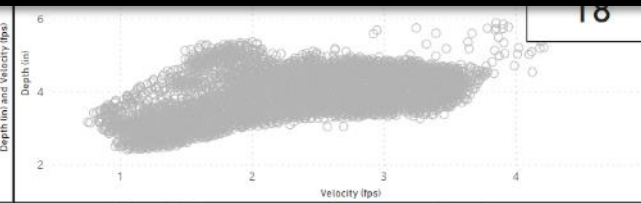
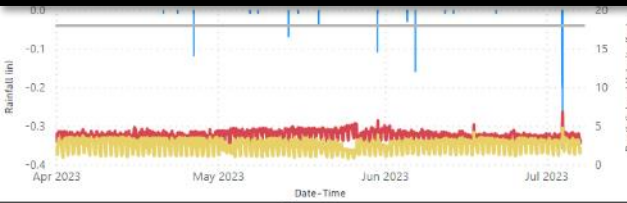
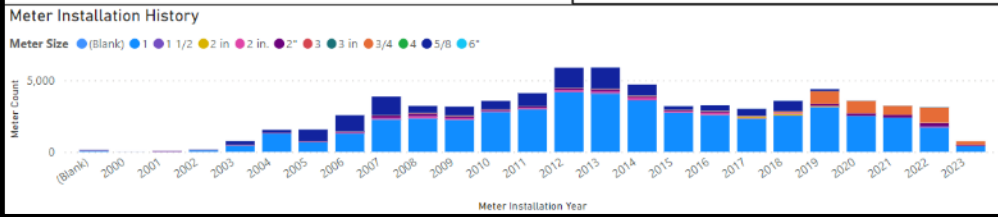


**Meter Class**

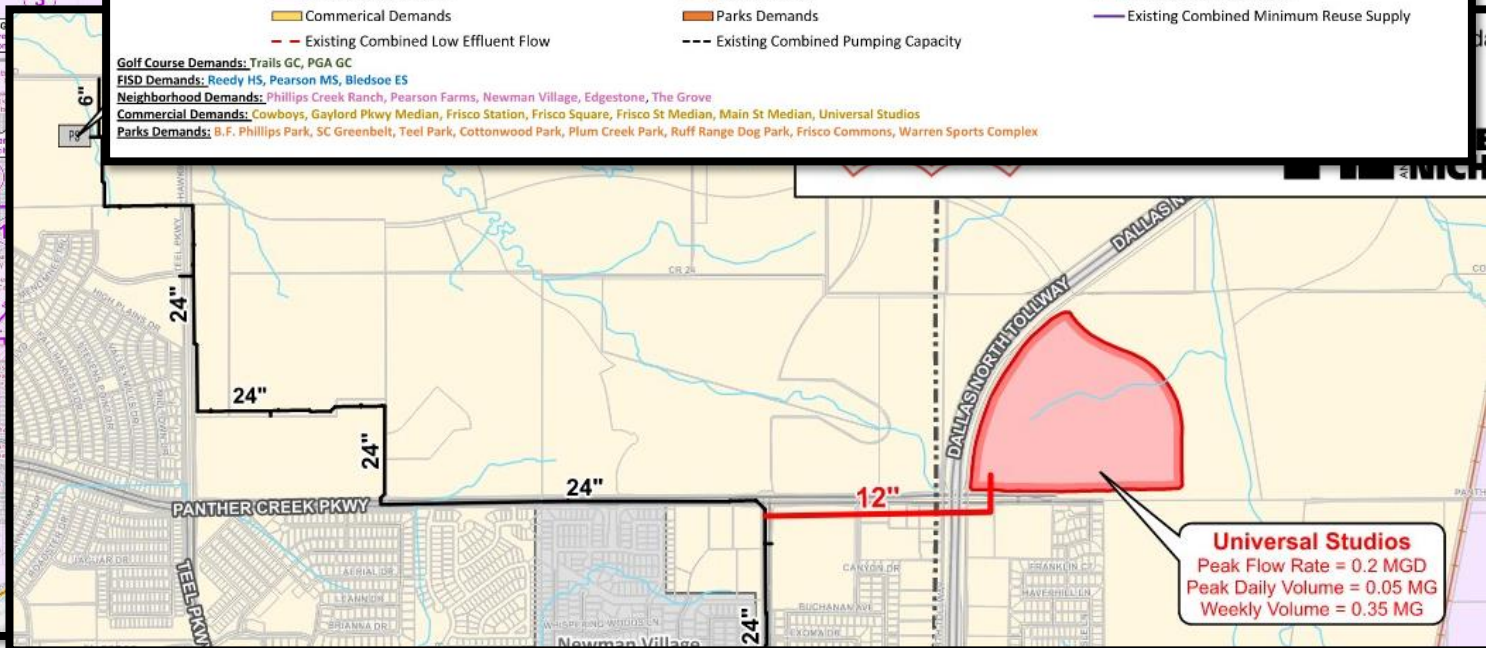
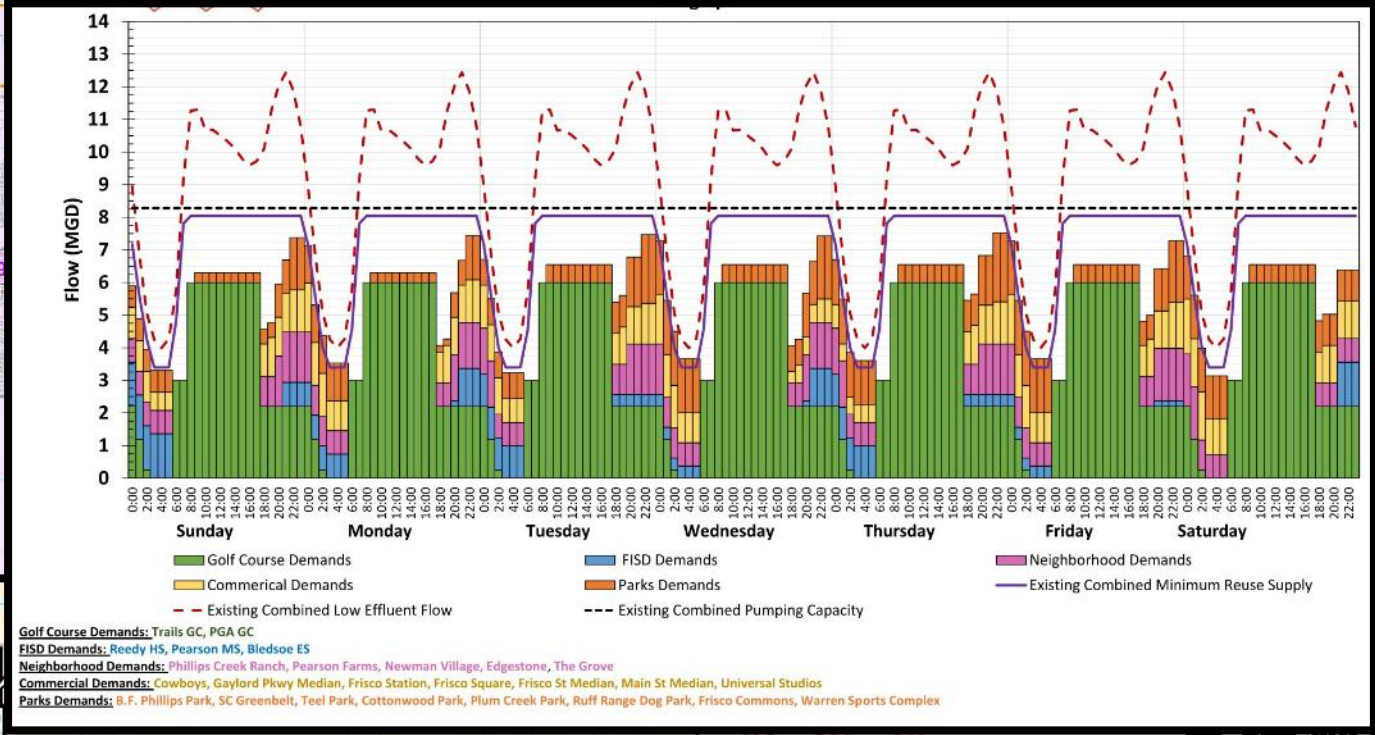
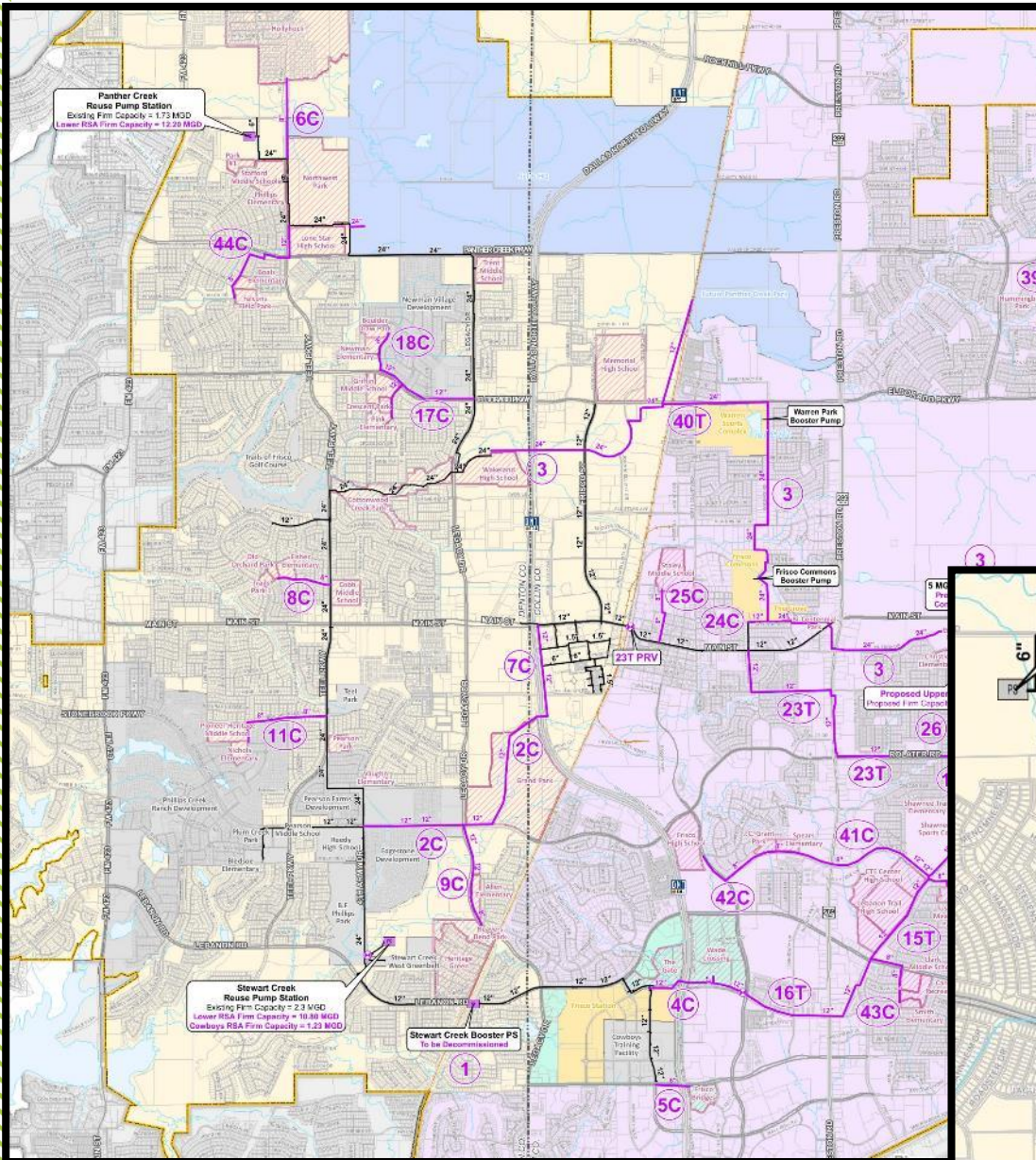
(Blank)	FLUSH METER
APARTMENTS	HOMEOWNER ASSOCIATION
BUILDER	INDUSTRIAL
CITY USE	IRRIGATION ACCOUNTS
COLLEGE	REALTORS
COMMERCIAL INSIDE	RESIDENTIAL INSIDE
COMMERCIAL OUTSIDE	RESIDENTIAL OUTSIDE
FIRE HYDRANTS	REUSE
FISD SCHOOL DISTRICT	WHOLESALE

**Meter Size**

All



# .... And Reuse System Planning



# What's Next?

FEATURED **BREAKING** SPOTLIGHT

## It's official! 2026 World Cup games will be coming to Dallas

Frisco will play a role in the action with FC Dallas soccer complex, National Soccer Hall of Fame

By Rick Rogers | Star Local Media Jun 16, 2022 Updated Jun 16, 2022



Future Championships

2023 Sr. PGA Hospitality

Contact Us

More ▾



ROLEX



LOUISVILLE  
1:12 PM  
YOUR TIME  
12:12 PM

## Home of the PGA of America

Beginning in 2023 with the 83rd KitchenAid Senior PGA Championship, PGA Frisco is slated to host six major championships over the next 12 years - including two PGA Championships.

### The Dallas Morning News

NEWS

## Excitement on the plaza as ACM takes over Frisco, and it might not be for the last time

The award show is expected to bring in more than \$5 million to area



**BREAKING: New Universal Park in Frisco, Texas Approved by Local Government**

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# Thank you

Will Janney, P.E. | [WJanney@friscotexas.gov](mailto:WJanney@friscotexas.gov)

Stephen Johnson, P.E. | [Stephen.Johnson@freese.com](mailto:Stephen.Johnson@freese.com)

