



# DRAINAGE UTILITY OVERVIEW

DS-19-044

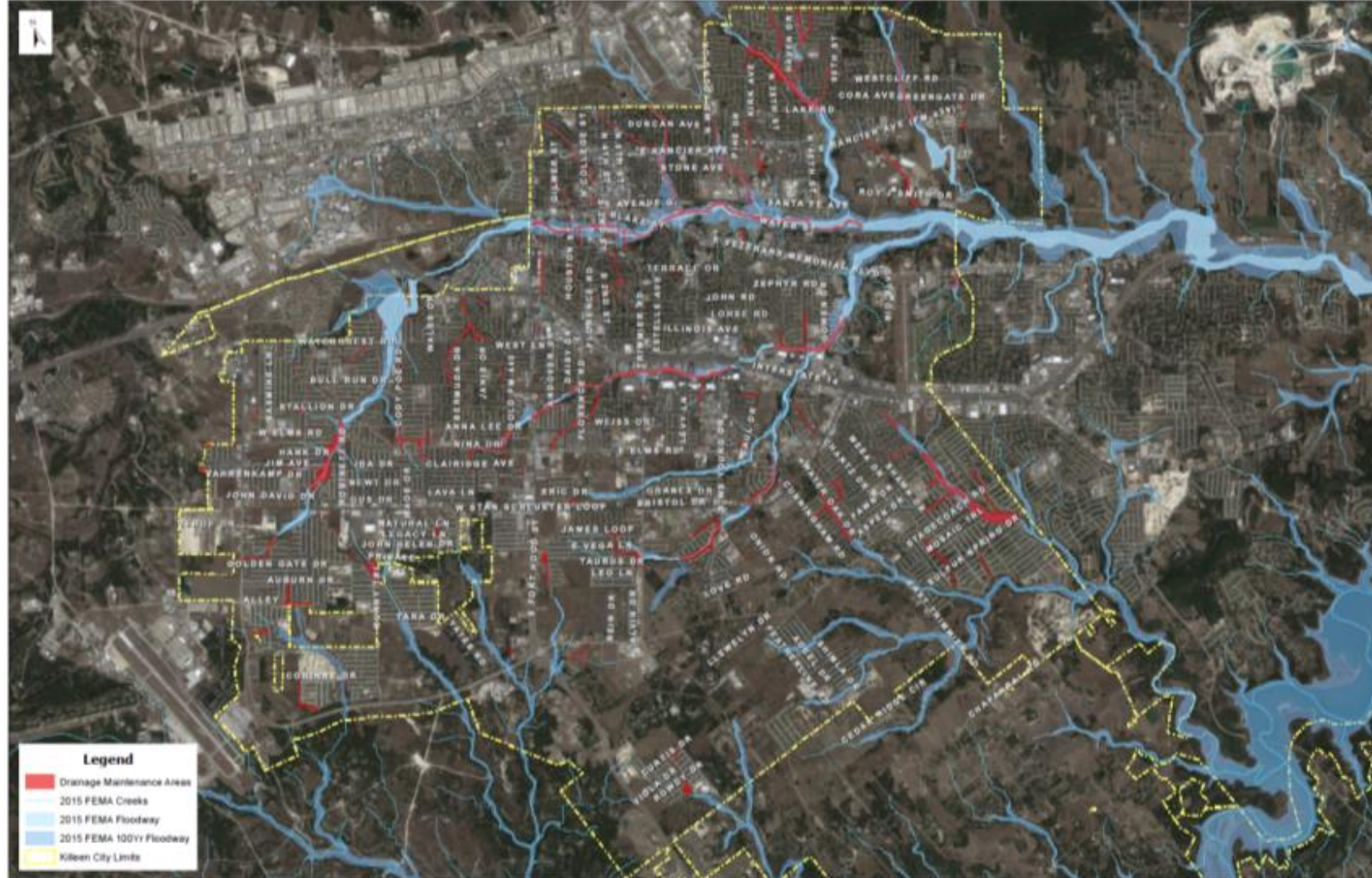
May 21, 2019

# Drainage Utility History

2

- ❑ 2001 Drainage Utility
- ❑ 2005 Master Plan Adopted
- ❑ 2007 Widespread Flooding, Storm Water Management Plan (SWMP) Adopted, & Maintenance Staff Authorized
- ❑ 2008 & 2011 Master Plan Updated
- ❑ 2010 Flooding From Remnants of Tropical Storm Hermine
- ❑ 2013 SWMP Updated
- ❑ 2019 SWMP Update in Process





# Drainage Utility Mission Elements

4

- ❑ Manage the City's Stormwater Management Plan and Industrial Stormwater Permits.
- ❑ Mow and maintain drainage infrastructure system including surface drainage and storm drain pipes.
  - ▣ 7,938 curb miles of Streets Swept
  - ▣ 150 miles of Channel Maintenance
  - ▣ 25,870 feet of Storm Drains Maintained
- ❑ Implement the City's Drainage Capital Improvement Program and Master Plan.
- ❑ Develop and ensure compliance with the City's Drainage Design Manual (DDM) and drainage standards (IDDSM).

# Drainage Utility Rates

5

- City Council established the drainage utility and the drainage utility fund on October 9, 2001. At that time the drainage rates were based only on classification of residential and non-residential use.
- The current drainage rates are based on both zoning and parcel size. This methodology was adopted by City Council on September 13, 2005.
- Drainage Rates have been successfully challenged in Texas Courts where rates were not closely connected to the actual impact of each property on the drainage system.

# Recommendation

6

- Staff recommends that the City Council begin a discussion on revising the City's Ordinance to connect drainage rates to the actual impact each property has on the drainage system.
  - ▣ The primary factor in determining the impact on the system is the amount of impervious cover on the property.
  - ▣ Drainage rates based on impervious cover are consistent with legal precedent.
  - ▣ Residential rates would not be affected. Commercial rates would be based on impervious cover equivalent to a residential lot.