



NORTH  
TEXAS  
MUNICIPAL  
WATER  
DISTRICT

Regional Service Through Unity... Meeting our Region's Needs Today and Tomorrow



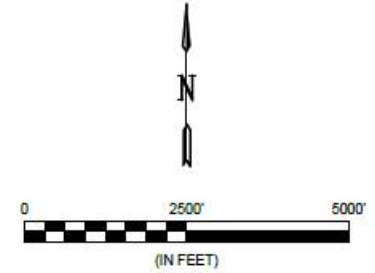
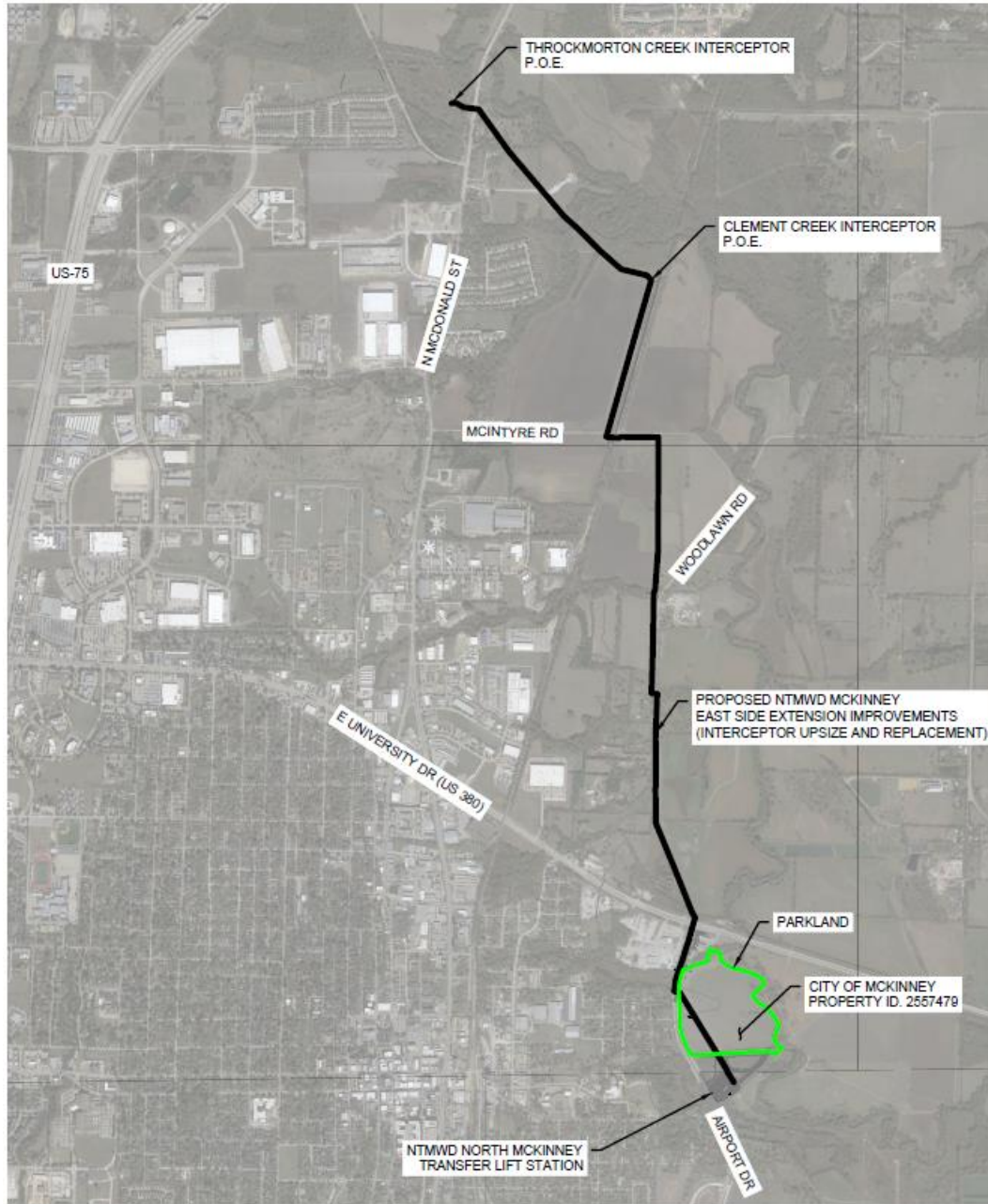
## MCKINNEY EAST SIDE EXTENSION

July, 2022

McKinney City Council



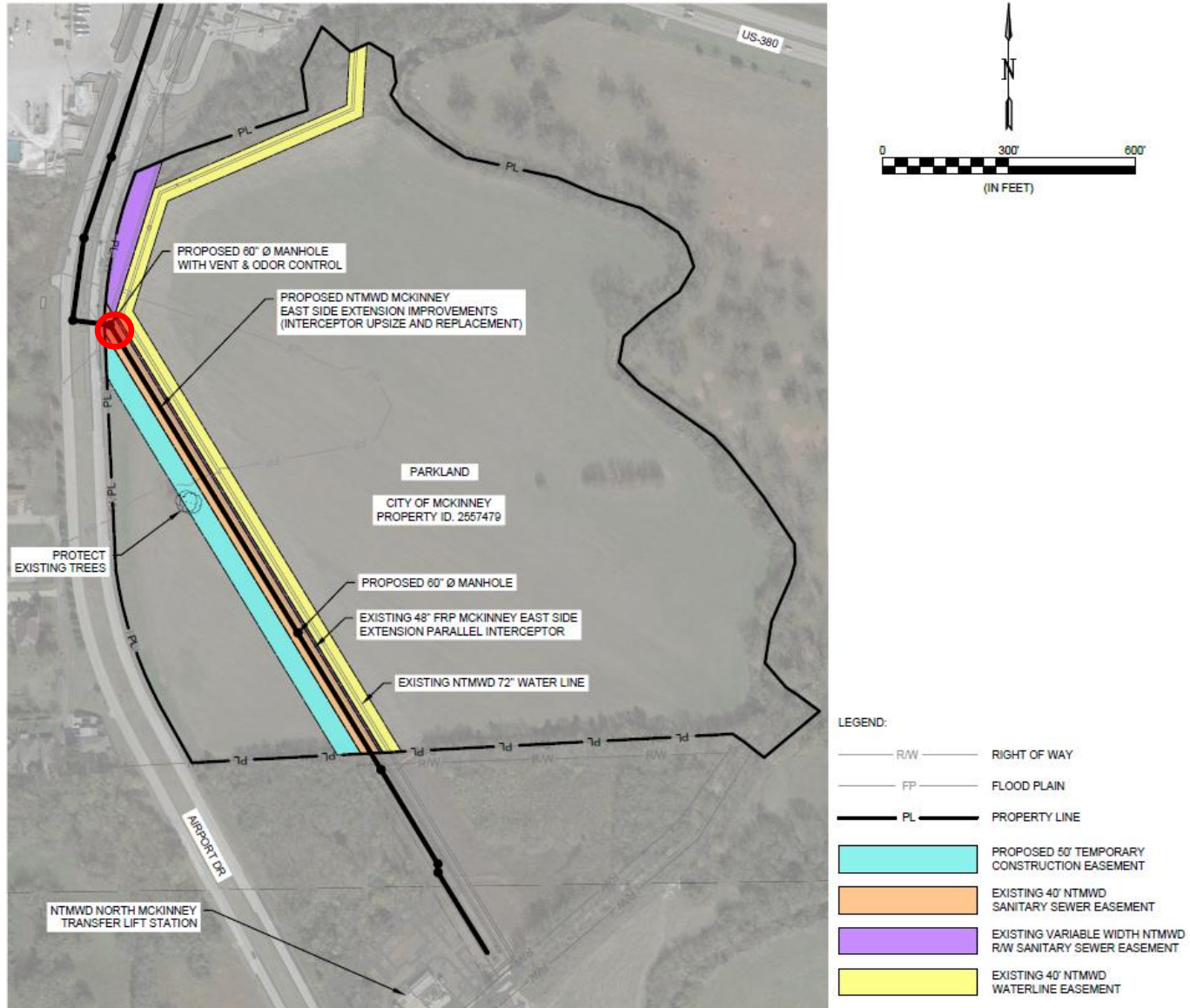
# MCKINNEY EAST SIDE EXTENSION ALIGNMENT





# TEMPORARY CONSTRUCTION EASEMENT TO REPLACE SANITARY SEWER

- **NTMWD Requests City of McKinney approval to grant a temporary construction easement (Approx. 1.3 acres) on parkland property**





## BENEFITS TO MCKINNEY FROM THIS PROJECT

- **The Improvements from the McKinney Ease Side Extension expand capacity for McKinney's future growth**
  - Replaces and upsizes the existing interceptor that expands capacity from 45 MGD to 109 MGD to meet the 2070 growth projections for the Cities of Anna, Melissa, and McKinney
  - Replaces the existing deteriorated interceptor, repairs numerous points of infiltration and inflow, and improves reliability of wastewater infrastructure
- **Continued service for Point-of-Entries for McKinney's future growth**
  - The interceptor services as available point-of-entries for McKinney into the NTMWD Upper East Fork Interceptor System



## MCKINNEY EAST SIDE EXTENSION

### Project Overview

- Upsize and replace existing interceptor on the same alignment and within NTMWD's existing permanent easement.
- Approximately 3.5-miles of new interceptor ranging in diameter from 42 inches to 66 inches including manholes and odor control improvements.
- Replaces the deteriorated existing 21"/24" McKinney East Side Extension interceptor that was constructed in 1993
- Convey flow to the North McKinney Transfer Lift Station. Treatment at the Sister Grove Regional Water Resource Recover Facility.
- Most fiscally responsible improvement and use of public funds.
- Construction scheduled up to 2 years starting in Fall 2022

- **Proposed Temporary Construction Easement**

- NTMWD acquired the original permanent easement from private property owner in 1991.
- City of McKinney acquired the property in 2004 and designated it as parkland
- The 2 proposed manholes will be at-grade within City parkland.
- Approximately 1.3 acres on parkland property to facilitate construction of the improvements
- No additional permanent easement through Parkland, thus minimizing impact to the park property
- Existing trees will be protected inside the temporary construction easement.