Plano
City of Excellence

# Engineering Department

Community Investment Program and Development Services

July 23, 2018

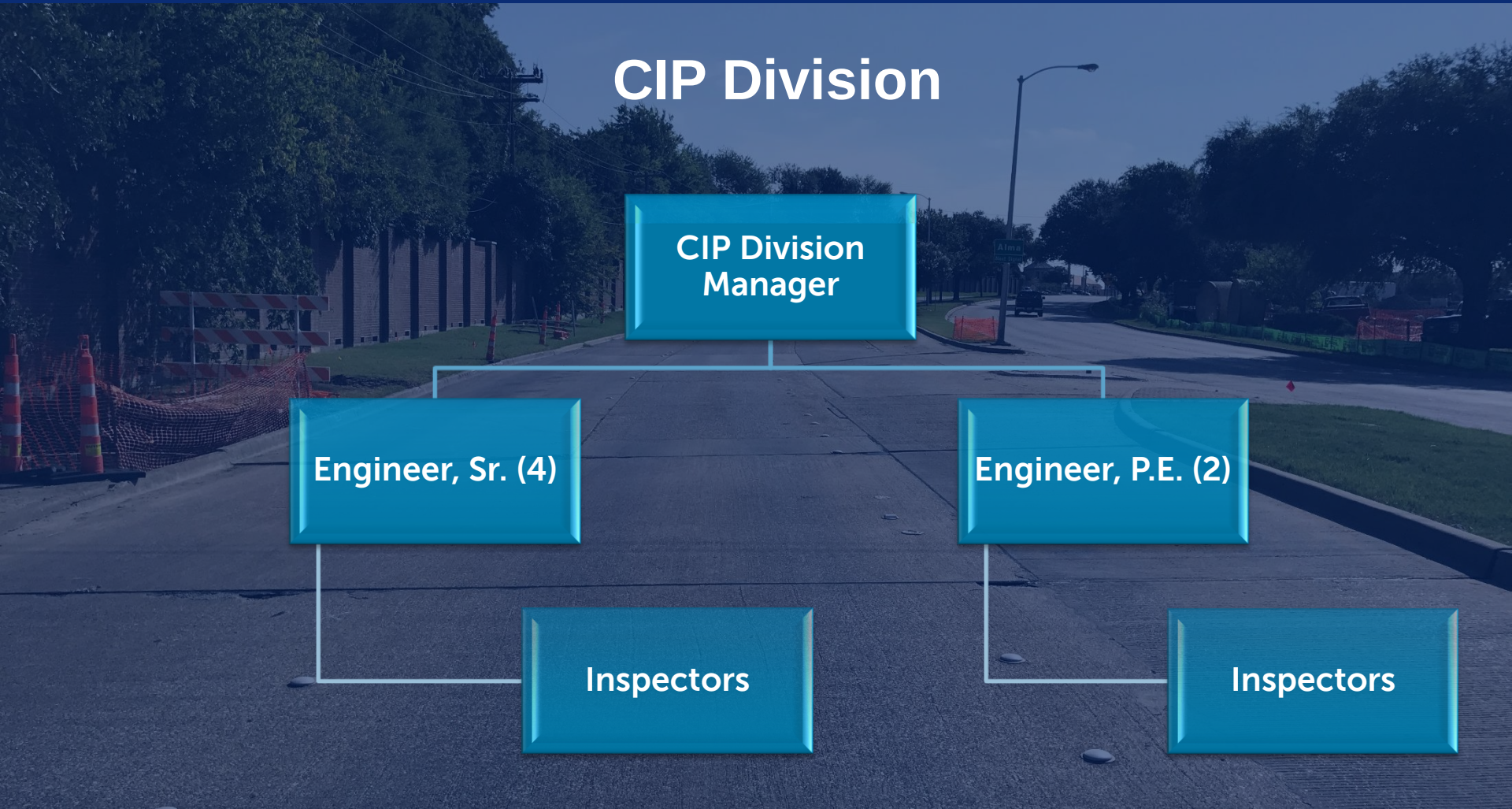
# Engineering Department



## Divisions

- Facilities
- Compliance
- Community Investment Program
- Development Services
- Transportation

# CIP Division

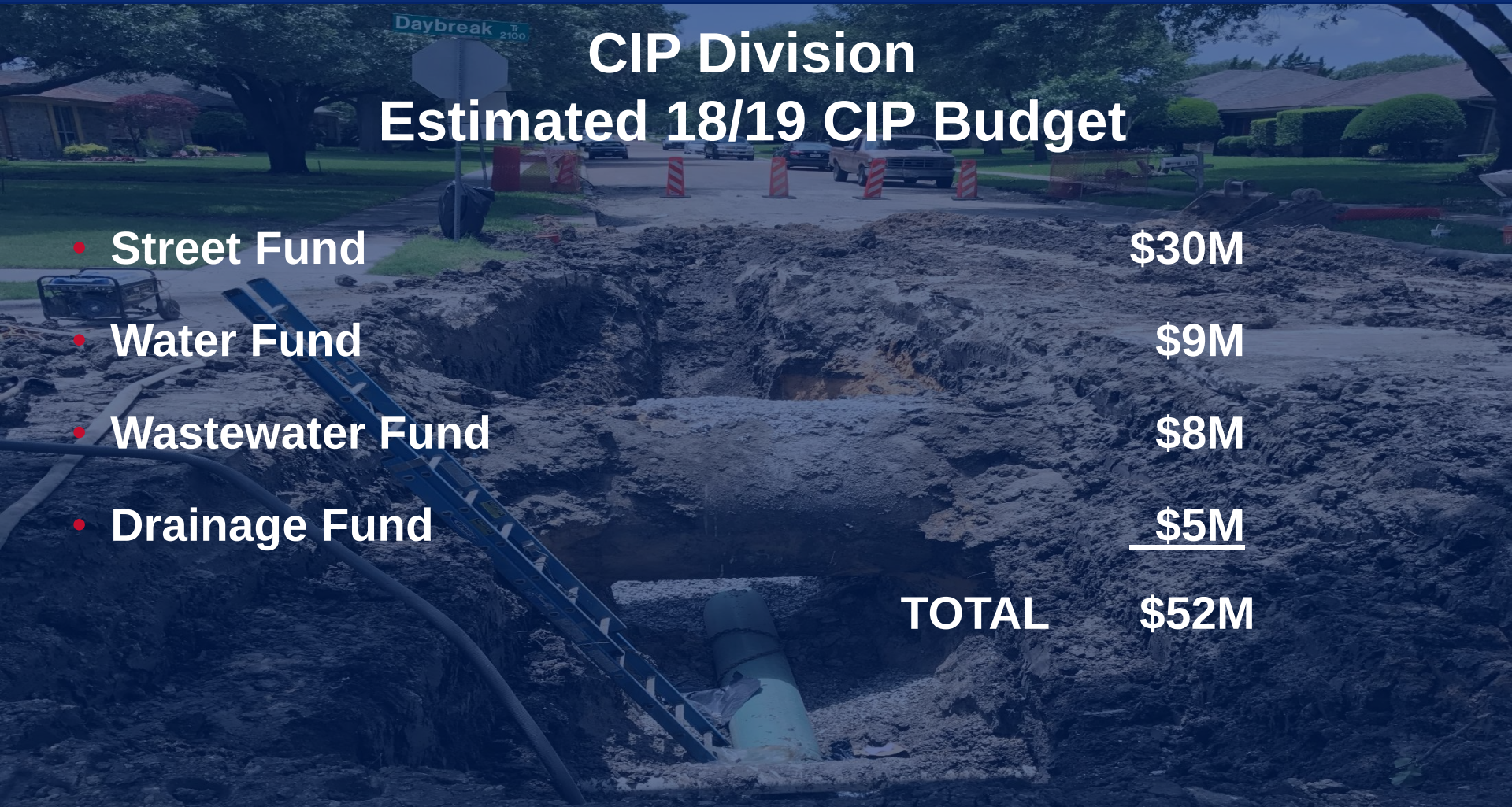




# CIP Division

# CIP Division Responsibilities

- Design and Construction of New Infrastructure
- Rehabilitation of Existing Infrastructure
- Review Drainage/Flood Studies
- Respond to Drainage/Erosion Issues
- Support Environmental Health with the Administration of the TCEQ Stormwater Permit

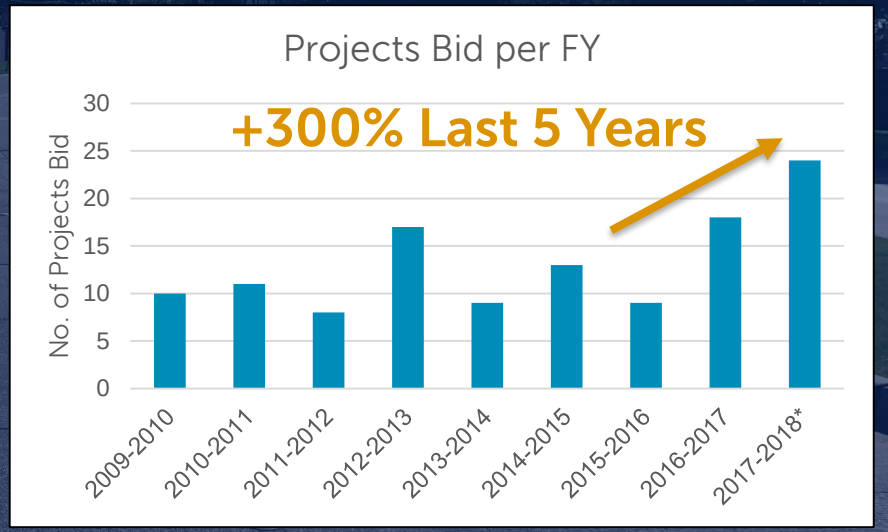



# CIP Division
# Estimated 18/19 CIP Budget

| | |
|---|---|
| • Street Fund | $30M |
| • Water Fund | $9M |
| • Wastewater Fund | $8M |
| • Drainage Fund | $5M |
| TOTAL | $52M |

# CIP Division Trends

- **Project Totals**
  - 2009-2016 Averaged 11 Projects Bid per FY ($17M/FY)
  - 2016-2017 Bid 18 Projects ($36M)
  - 2017-2018 Projected to Bid 24 Projects ($40M)



# CIP Division Trends

- Change Orders
  - Average Under 2% Change Orders Total Since 2009
    - Bid over $150M in Projects
    - Change Orders <$3M

# CIP Division Trends

- Customer Satisfaction Survey
  - Averaged 4.86 over last Five Years
  - 2017 = 4.96
  - 2018 = 5.00

# CIP Division
# Current Initiatives

- Neighborhood Street Revitalization
- Screening Wall Repair/Replacement
- Water Infrastructure Replacement
- Sidewalk/ADA
- Sewer Capacity Improvements
- Adoption of New NCTCOG Specifications
- Design Manual Updates
- Continuous Improvement of Public Outreach and Communication

# CIP Division
# Current Initiatives

- Increase capacity at key intersections
  - Preston @ Plano Pkwy
  - DNT @ Park and Parker
  - Spring Creek @ Coit
  - Legacy Corridor
  - Parker Rd Corridor
  - Park Blvd Corridor


Preston/Plano Pkwy


Preston/Plano Pkwy




# Street/Intersection


Legacy West Lift Station


Legacy West Lift Station


Legacy West Lift Station


Legacy West Lift Station


Dallas North Waterline







# Water Improvements


Russell Creek Stabilization

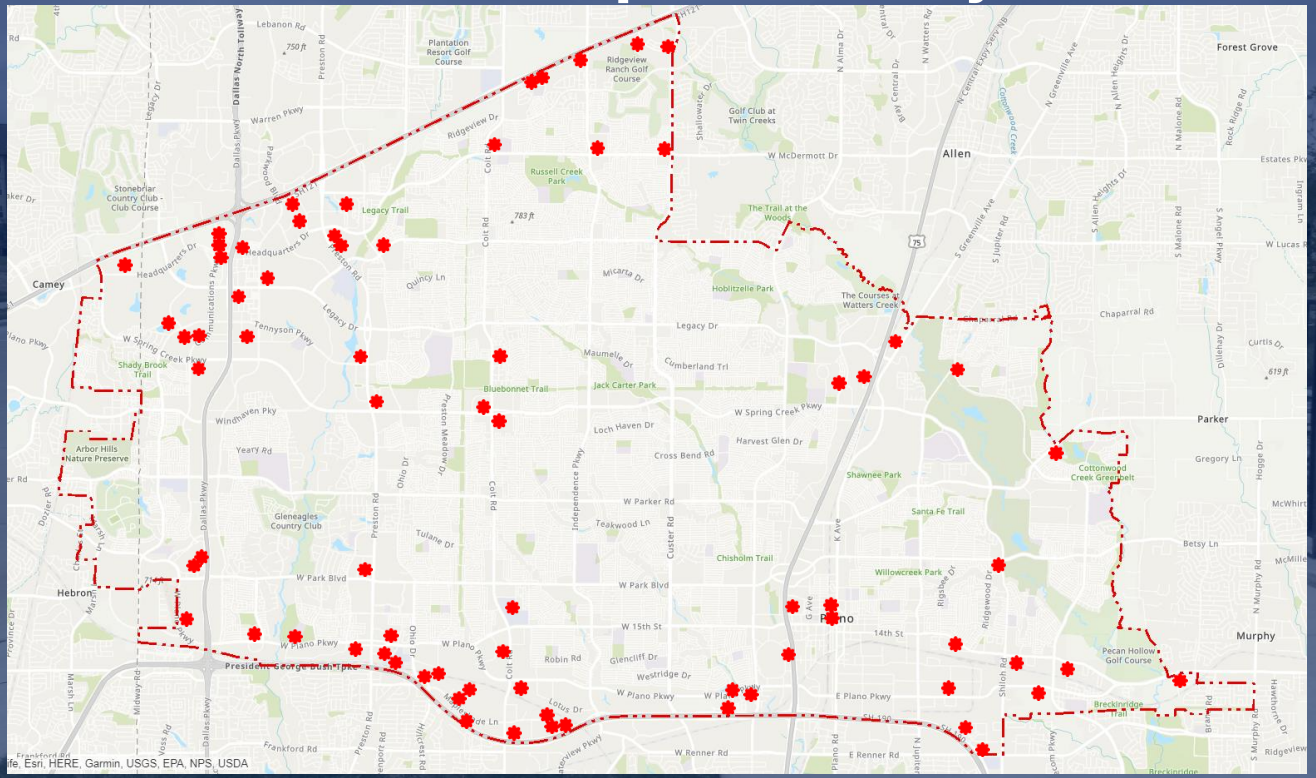
# Development Division



# Development Division Responsibilities

- Meet with Developers & Engineers to work through engineering challenges and issues
- Review construction plans and plats for conformance with City Ordinances and policies
- Inspect the installation of Public Improvements
- Review Street Light requests
- Coordinate Municipal Setting Designation (MSD)
- Provide Flood Plain information
- Right of Way Use and Hold-Harmless Agreements

# Development Division
# Active Development Projects




70+ Active Projects

# Development Division
# Current Workload

- 215 Engineering permits issued for construction FY16-17

- 97 Engineering permits issued for construction 1st 6 months FY17-18

- Value of Public Improvements associated with Private Development
  - FY 2016-17 $20.8 Million
  - FY 2017-18* $5.6 Million (6 months*)