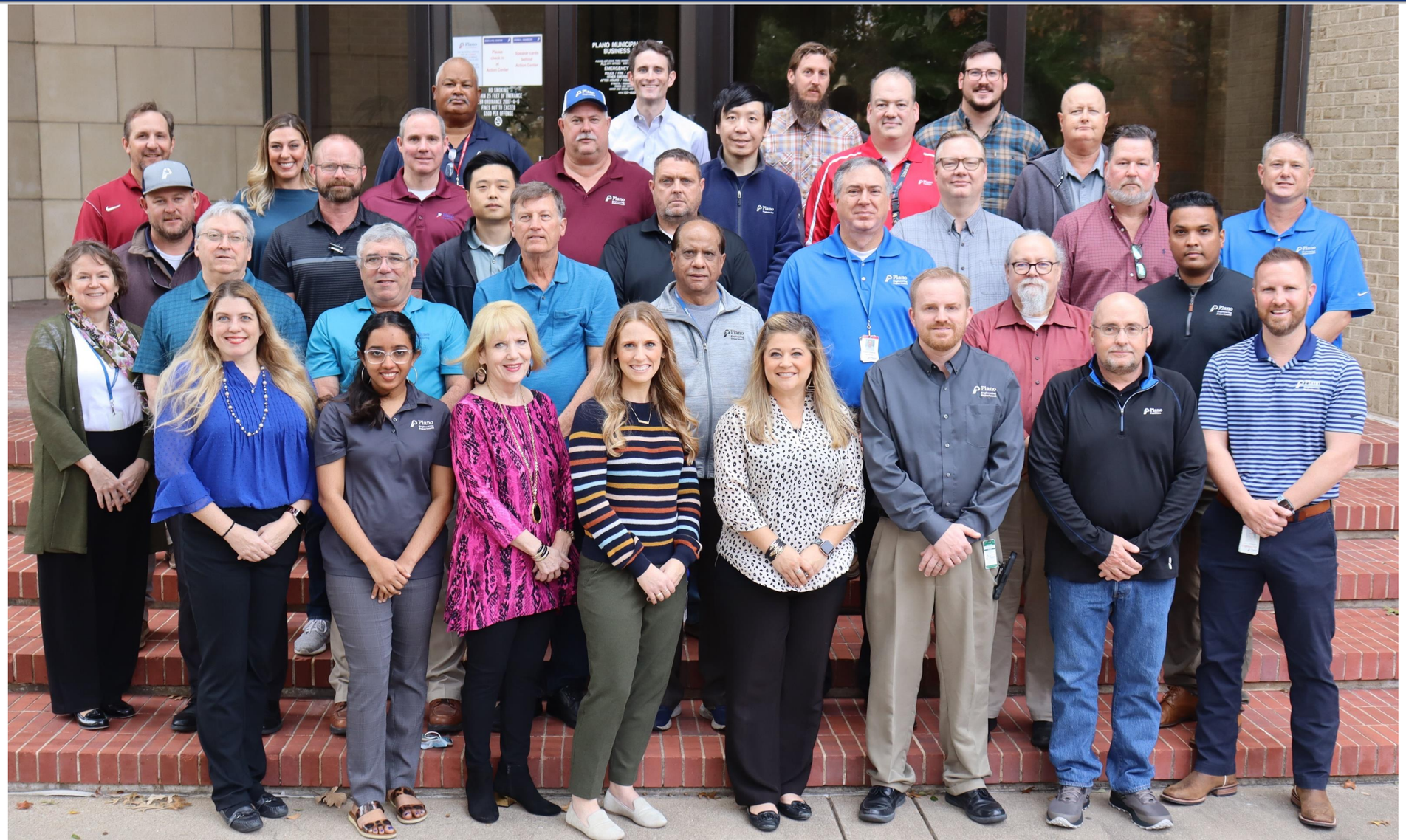
Plano
City of Excellence

Engineering Department Overview

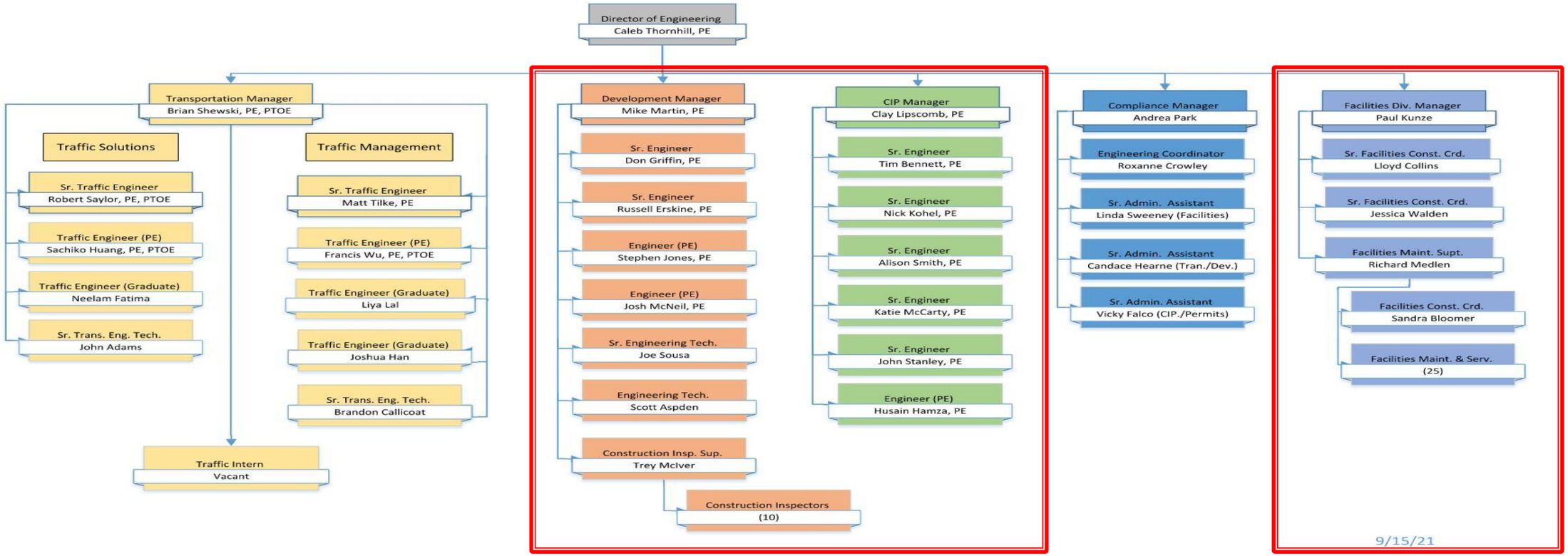
CIP & Development Divisions

December 7, 2021

Engineering Department



Engineering – Organization Chart



Engineering - CIP Division

CIP Manager
Clay Lipscomb, PE

Sr. Engineer
Tim Bennett, PE

Sr. Engineer
Nick Kohel, PE

Sr. Engineer
Alison Smith, PE

Sr. Engineer
Katie McCarty, PE

Sr. Engineer
John Stanley, PE

Engineer (PE)
Husain Hamza, PE

Engineering – CIP Division

Responsibilities

- Manage Design and Construction of New and Existing Infrastructure (Streets, Water, Sewer, Drainage)
- City-Wide Bridge Rehabilitation
- Drainage Studies
- Assist Citizens with Drainage/Erosion Issues
- TCEQ Stormwater Permit
- Update City Design Manuals and Standard Construction Details
- Continuous Improvement of Public Outreach and Communication

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Engineering – CIP Division

Approximate Annual CIP Budget

▪ Street Fund	$113.8M
▪ Water Fund	$27.7M
▪ Wastewater Fund	$20.8M
▪ Drainage Fund	$31.8M
TOTAL	$194.1M

Over 75 Active Projects in Design and/or Construction!

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Engineering – CIP Division

Current Initiatives

- Increase Capacity at Key Intersections
- Neighborhood Street Revitalization
- Screening Wall Replacement
- Water/Sewer Infrastructure Improvements
- Bridge Maintenance and Rehabilitation
- Collin Creek Mall Drainage and Sanitary Sewer Improvements
- Updates to Thoroughfare Standards and Standard Construction Details

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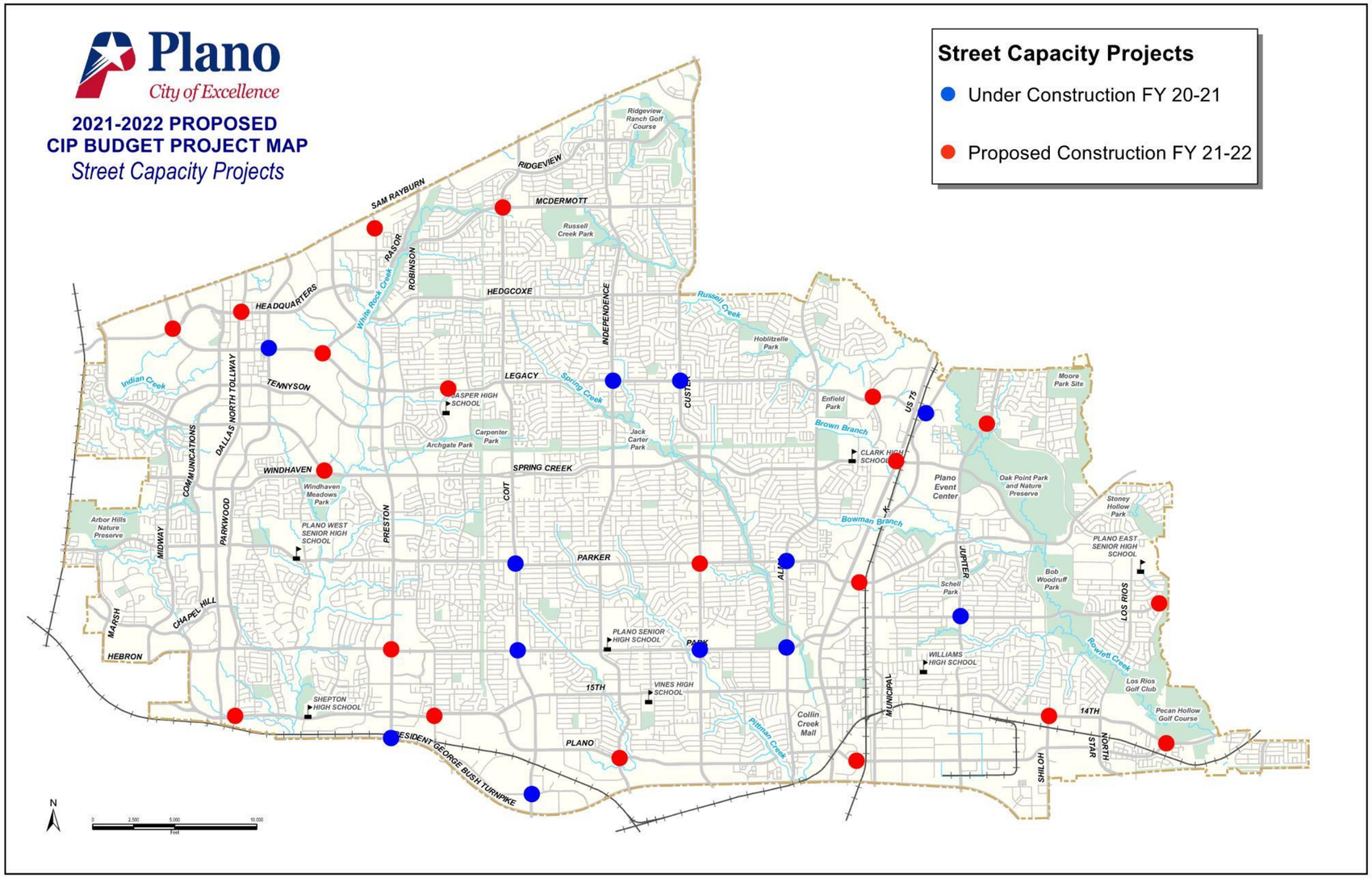
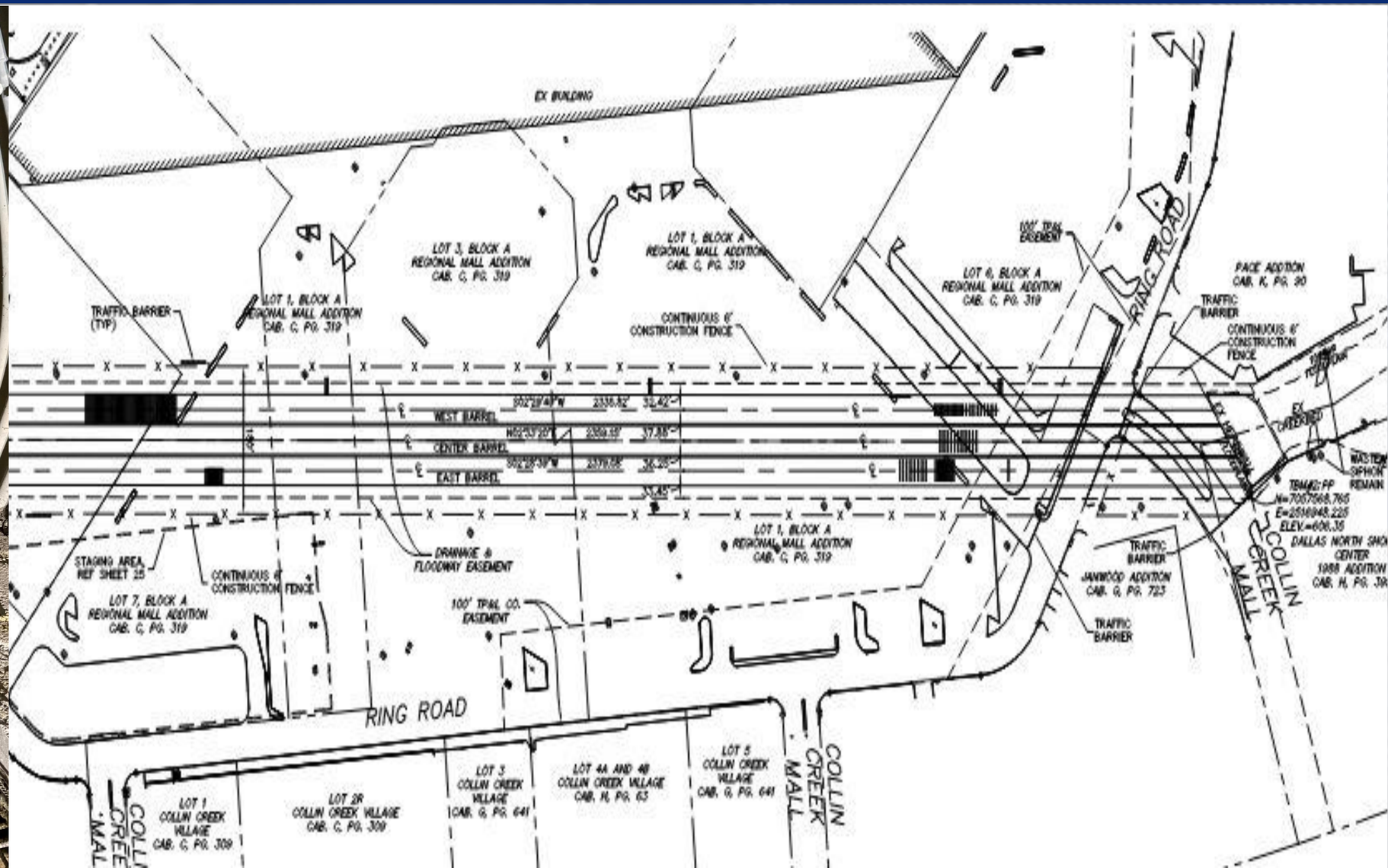
Engineering
CIP Division Projects – Int. Improvements



Engineering - CIP Division Projects
Collin Creek Mall Culvert Improvements



Engineering
CIP Division Projects – 15th Street Reconstruction

Plano City of Excellence

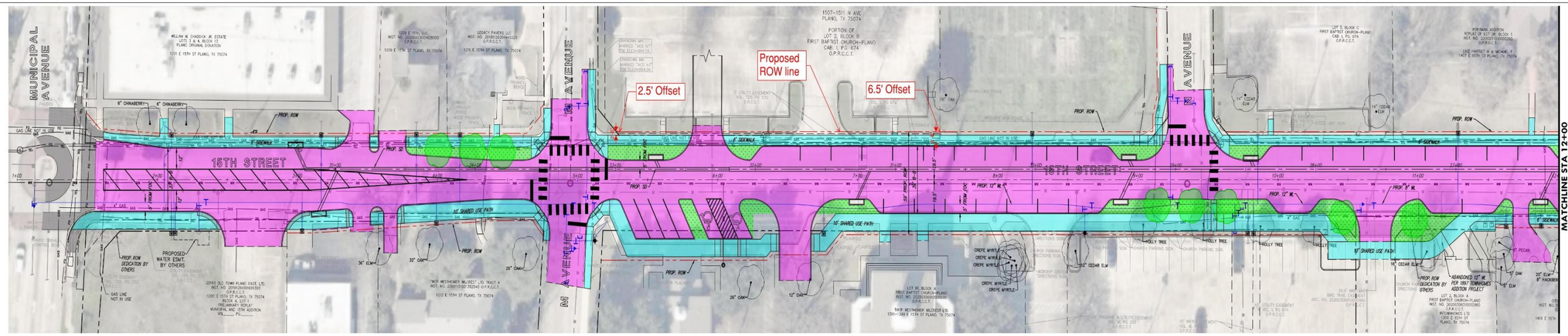
tnp

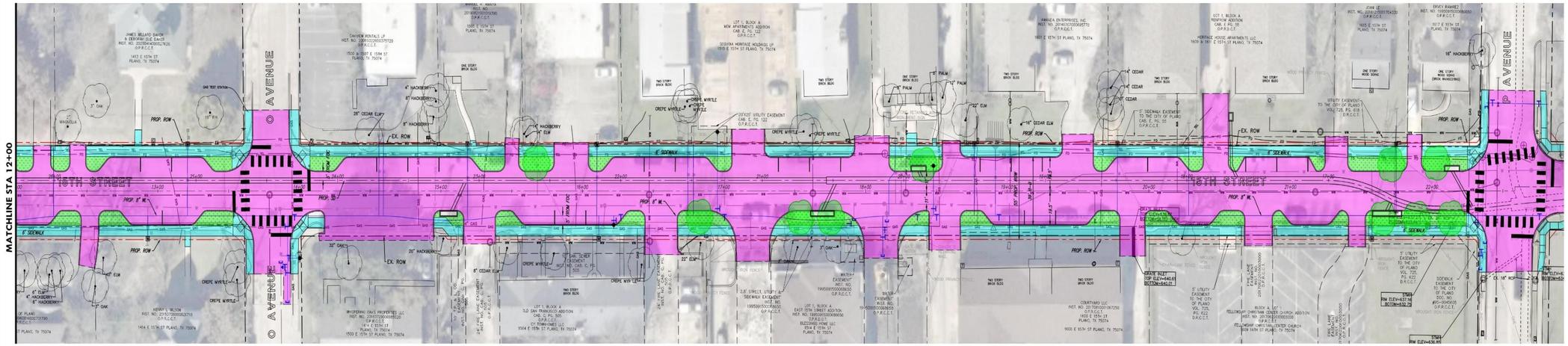
TBPE Firm #F-230

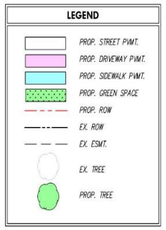
15TH STREET PAVING AND WATER LINE RECONSTRUCTION

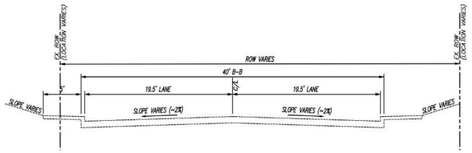
MUNICIPAL AVE. TO JUPITER ROAD
Plano, TX
August 2021

EXHIBIT

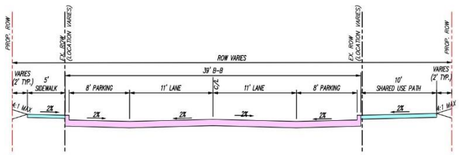








EXISTING 15TH STREET SECTION



PROPOSED 15TH STREET SECTION

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TBPE Firm #F-230

15TH STREET PAVING AND WATER LINE RECONSTRUCTION

MUNICIPAL AVE. TO JUPITER ROAD
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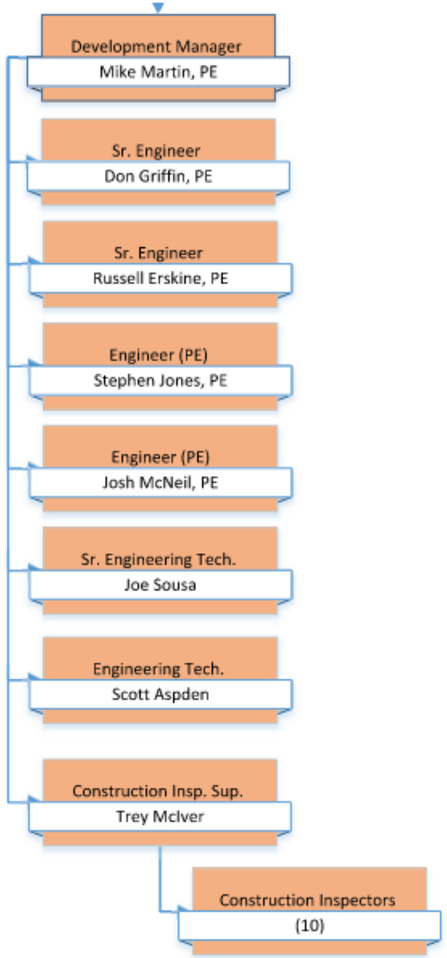
EXHIBIT

Engineering - Development Division



Engineering – Development Division

Responsibilities

- Meet with Developers/Engineers to work through engineering issues and challenges
- Review construction plans & plats for conformance with City ordinances and policies
- Inspect the installation of Public Improvements
- Review Street light requests
- Provide flood plain review and information
  - FEMA
  - Community Rating System (CRS)

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Engineering – Development Division

Responsibilities

- Coordinate Municipal Settings Designation (MSD)
- Right-Of-Way Use Agreements
- Hold-Harmless Agreements
- Prepare Utility availability letters
- Review Small Cell Applications

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Engineering – Development Division

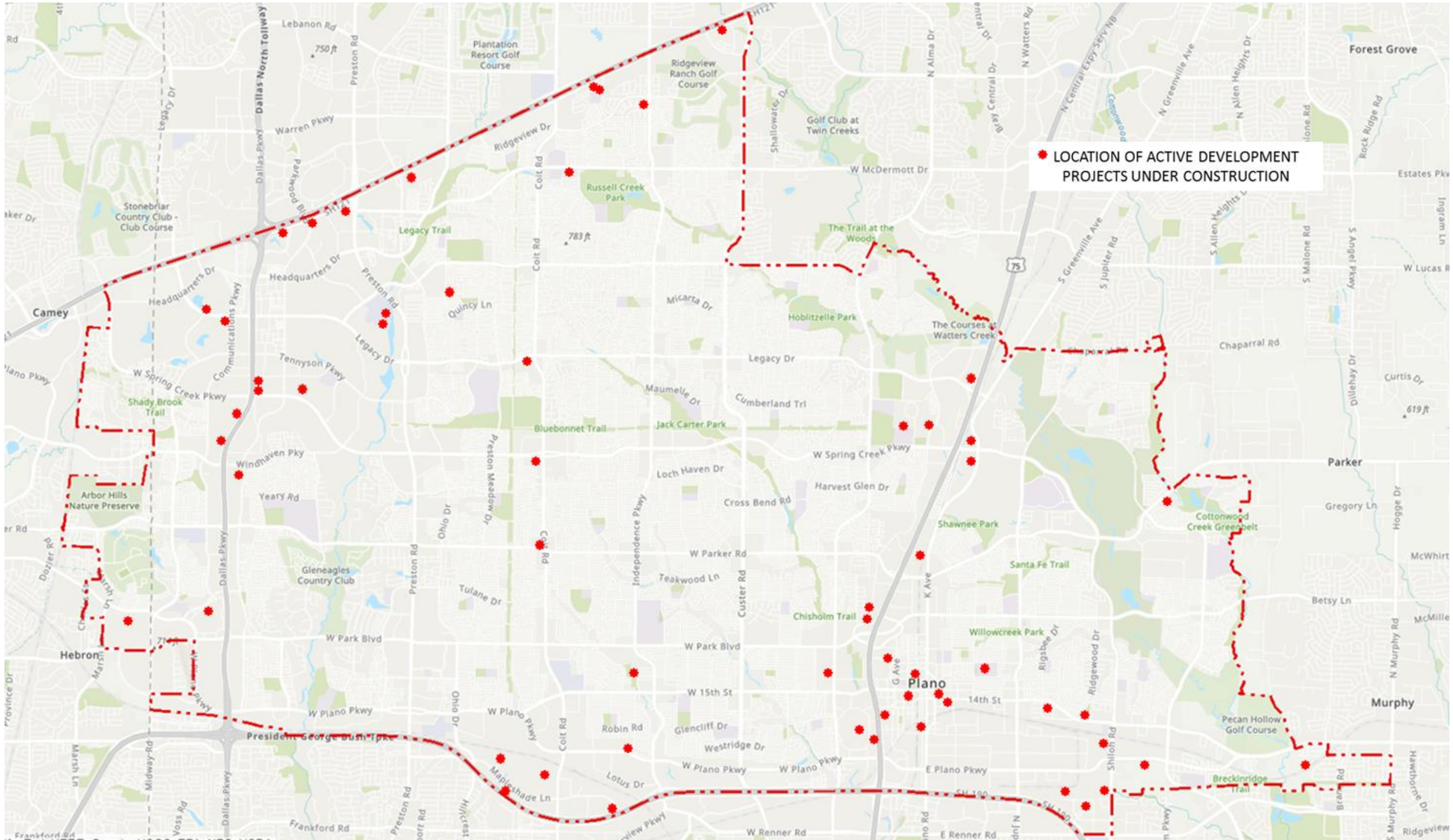
Number of Engineering permits issued for construction last fiscal year FY20-21

105

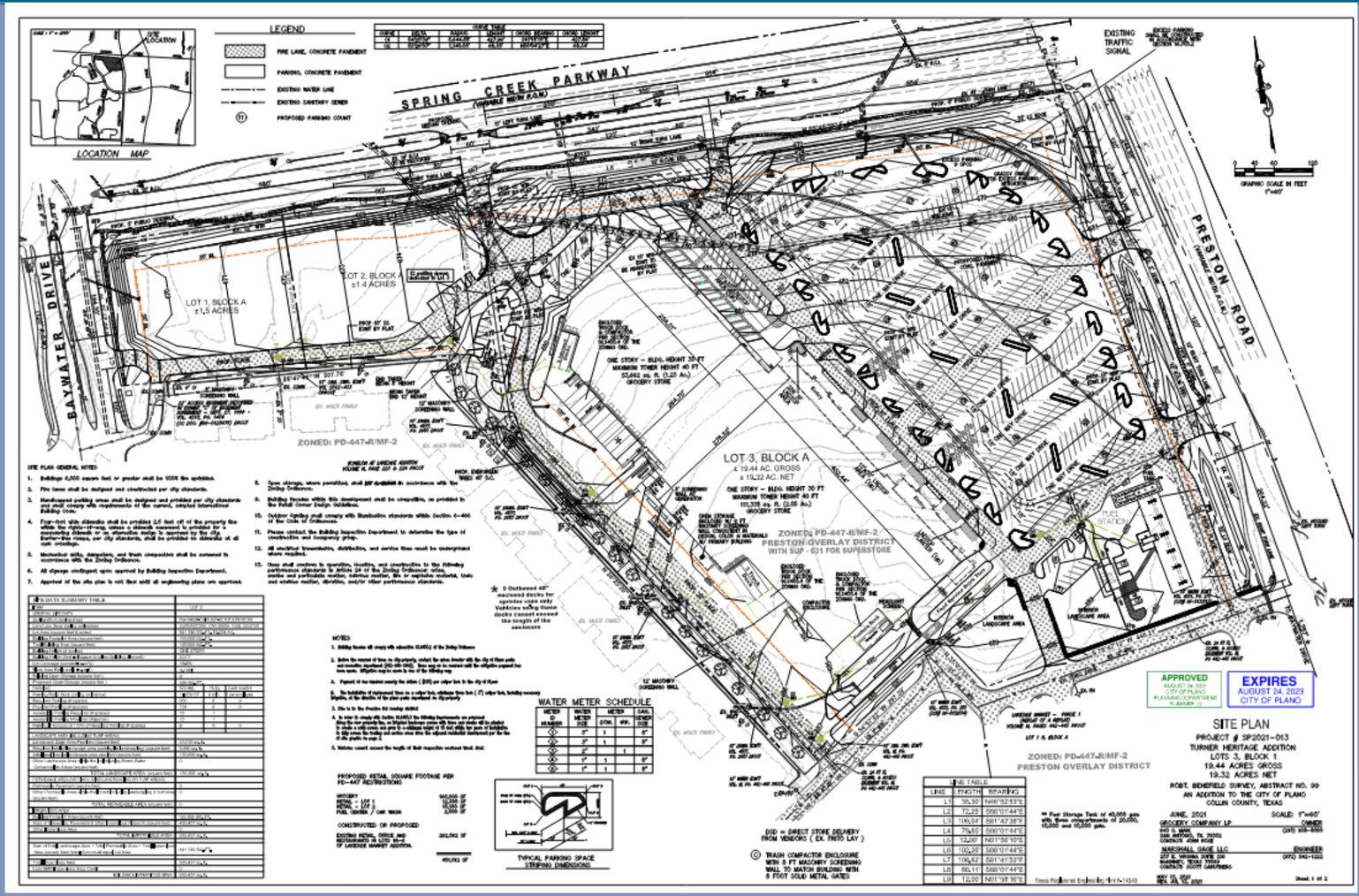
Number of Engineering permits issued for construction for the first 2 Months FY21-22

22

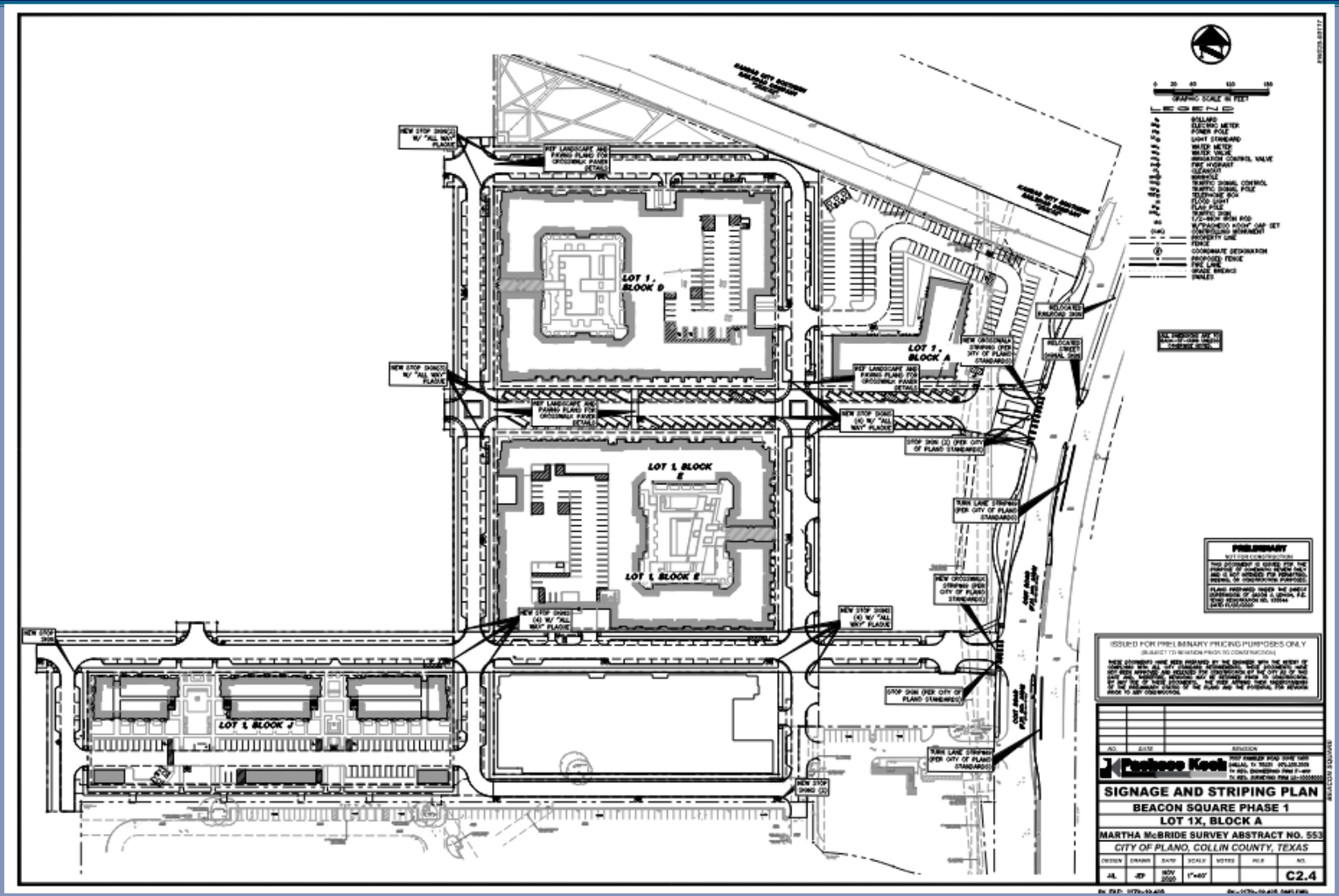
Engineering
Development Division - 59 Active Projects



Engineering
Development Division - HEB



Engineering
Development Division Projects – Beacon Square



Engineering – CIP & Development Divisions

Thank You!

Any Questions?

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calebt@plano.gov

972-941-7152