



## PLANO CITY COUNCIL

**WILL OPEN THE MEETING AT 5:00 PM AND IMMEDIATELY THEREAFTER CONVENE INTO EXECUTIVE SESSION, FOLLOWED BY THE PRELIMINARY OPEN MEETING IN THE PLANO MUNICIPAL BUILDING, 1520 K AVENUE, July 23, 2018, IN COMPLIANCE WITH VERNON'S TEXAS CODES ANNOTATED, GOVERNMENT CODE CHAPTER 551 (OPEN MEETINGS ACT), AS FOLLOWS:**

**Mission Statement: The City of Plano is a regional and national leader, providing outstanding services and facilities through cooperative efforts that engage our citizens and that contribute to the quality of life in our community.**

### **CALL TO ORDER**

### **EXECUTIVE SESSION**

- |      |   |                |         |
|------|---|----------------|---------|
| I.   | Legal Advice  | Mims           | 20 min. |
|      | a) Respond to questions and receive legal advice on agenda items  |                |         |
|      | b) City of Plano Charter, Article 3, Section 3.02 Qualifications and Article 6, Section 6.02 Petitions for Recall   |                |         |
| II.  | Litigation  | Mims           | 15 min. |
|      | a) Tom Harrison v. Lisa Henderson, City Secretary of the City of Plano, Cause No. 05-18-00700-CV in the Fifth Court of Appeals, Dallas, Texas; and City of Plano vs. City Council Member Tom Harrison, Cause No. 401-03181-2018 in the 401st Judicial District Court of Collin County |                |         |
|      | b) Greg Hatch and Laura Hatch v. City of Plano, 219-01849-2017, 219th District Court, Collin County Texas   |                |         |
| III. | Economic Development  | Glasscock/Bane | 10 min. |
|      | Discuss a financial offer or other incentive to a business prospect to locate, stay, or expand in Plano and consider any commercial and financial information from the business prospect  |                |         |
| IV.  | Real Estate   | Carr           | 10 min. |
|      | a) Downtown Plano   |                |         |
|      | b) Parkwood & Coit Right of Way   |                |         |

### **PRELIMINARY OPEN MEETING**

- |    |  |         |        |
|----|--|---------|--------|
| I. | Consideration and action resulting from Executive Session discussion | Council | 5 min. |
|----|--|---------|--------|

II.	Consideration of 2019 City Council Meeting Dates	Glasscock	5 min.
III.	Mayor's Update Report re Peanut Butter Drive	Mayor	5 min.
IV.	Engineering Departmental Presentation - Community Investment Program	Thornhill	15 min.
V.	Engineering Departmental Presentation - Traffic	Shewski	20 min.
VI.	Consent and Regular Agendas	Council	5 min.
VII.	Council items for discussion/action on future agendas	Council	5 min.

**In accordance with the provisions of the Open Meetings Act, during Preliminary Open Meetings, agenda items will be discussed and votes may be taken where appropriate.**

***Municipal Center is wheelchair accessible. A sloped curb entry is available at the main entrance facing Municipal/L Avenue, with specially marked parking spaces nearby. Access and special parking are also available on the north side of the building. The Senator Florence Shapiro Council Chambers is accessible by elevator to the lower level. Requests for sign interpreters or special services must be received forty-eight (48) hours prior to the meeting time by calling the City Secretary at 972-941-7120.***



**CITY OF PLANO  
COUNCIL AGENDA ITEM**

Council Meeting Date: 7/23/2018

Department: City Secretary

Department Head:

Agenda Coordinator: Lisa Henderson

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**CAPTION**

Legal Advice

a) Respond to questions and receive legal advice on agenda items

b) City of Plano Charter, Article 3, Section 3.02 Qualifications and Article 6, Section 6.02 Petitions for Recall

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**FINANCIAL SUMMARY**

Not Applicable

**FUND(S):**

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**COMMENTS:**

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**SUMMARY OF ITEM**

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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## CITY OF PLANO COUNCIL AGENDA ITEM

Council Meeting Date: 7/23/2018

Department: City Secretary

Department Head:

Agenda Coordinator:

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### CAPTION

Litigation

- a) Tom Harrison v. Lisa Henderson, City Secretary of the City of Plano, Cause No. 05-18-00700-CV in the Fifth Court of Appeals, Dallas, Texas; and City of Plano vs. City Council Member Tom Harrison, Cause No. 401-03181-2018 in the 401st Judicial District Court of Collin County
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### FINANCIAL SUMMARY

**FUND(S):**

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**COMMENTS:**

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### SUMMARY OF ITEM

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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**CITY OF PLANO  
COUNCIL AGENDA ITEM**

Council Meeting Date: 7/23/2018

Department: City Secretary

Department Head:

Agenda Coordinator: Lisa Henderson

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**CAPTION**

Economic Development

Discuss a financial offer or other incentive to a business prospect to locate, stay, or expand in Plano and consider any commercial and financial information from the business prospect

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**FINANCIAL SUMMARY**

Not Applicable

**FUND(S):**

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**COMMENTS:**

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**SUMMARY OF ITEM**

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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## CITY OF PLANO COUNCIL AGENDA ITEM

Council Meeting Date: 7/23/2018

Department: City Secretary

Department Head:

Agenda Coordinator: Lisa Henderson

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### CAPTION

Real Estate

a) Downtown Plano

b) Parkwood & Coit Right of Way

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### FINANCIAL SUMMARY

Not Applicable

**FUND(S):**

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**COMMENTS:**

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### SUMMARY OF ITEM

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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**CITY OF PLANO  
COUNCIL AGENDA ITEM**

Council Meeting Date: 7/23/2018

Department: City Secretary

Department Head:

Agenda Coordinator: Lisa Henderson

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**CAPTION**

Consideration and action resulting from Executive Session discussion

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**FINANCIAL SUMMARY**

Not Applicable

**FUND(S):**

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**COMMENTS:**

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**SUMMARY OF ITEM**

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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**CITY OF PLANO  
COUNCIL AGENDA ITEM**

Council Meeting Date: 7/23/2018

Department: City Manager

Department Head:

Agenda Coordinator:

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**CAPTION**

Consideration of 2019 City Council Meeting Dates

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**FINANCIAL SUMMARY**

**FUND(S):**

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**COMMENTS:**

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**SUMMARY OF ITEM**

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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**ATTACHMENTS:**

Description	Upload Date	Type
Memo	6/12/2018	Memo

**Date:** July 23, 2018  
**To:** Mayor and Members of Council  
**From:** Bruce D. Glasscock, City Manager  
**Subject:** Consideration of 2019 City Council Meeting Dates

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The attached draft 2019 Council Meeting calendar is submitted for your consideration.

PISD Spring Break and the NLC Congressional City Conference occur the second week in March. One City holiday falls upon the fourth Monday in 2019 – Memorial Day on May 27. Historically, the City reschedules the second meeting in December in observance of the holiday week. Lastly, to allow Council a break for vacation, July's meetings are both held within the fourth week.

As a reminder, P&Z Meetings are routinely scheduled in Council Chambers on 1<sup>st</sup> and 3<sup>rd</sup> Mondays and thus, rescheduled City Council Meetings are typically suggested for Tuesday evenings to avoid further conflicts.

Specifics are outlined below and on the attached draft calendar:

## **Dates for Rescheduling Consideration**

### March 11<sup>th</sup>

The NLC Congressional City Conference will be held March 10–13, 2019.

PISD Spring Break is scheduled March 11-15, 2019.

Recommended Reschedule Date: **Tuesday, March 19<sup>th</sup>**

### May 27<sup>th</sup>

The City will observe the 2019 Memorial Day Holiday.

Recommended Reschedule Date: **Tuesday, May 28<sup>th</sup>**

### December 23<sup>rd</sup>

The City will observe the Winter & Christmas Holidays on December 24 & 25, 2019.

Recommended Reschedule Date: **Tuesday, December 17<sup>th</sup>**

Attachment



# Plano City Council & Executive Team Calendar

City Manager's Office  
1520 Avenue K, #300  
Plano, TX 75074  
P. O. Box 860358  
Plano, TX 75086  
T: 972-941-7121  
F: 972-423-9587  
cindyp@plano.gov

# JANUARY 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 New Year's Day	2	3	4	5
6	7	8	9	10	11	12
13	14 City Council Meeting	15	16	17	18	19
20	21 MLK Day	22	23	24	25	26
27	28 City Council Meeting	29	30	31		



# FEBRUARY 2019

## Plano City Council & Executive Team Calendar

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F: 972-423-9587

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Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11 City Council Meeting	12	13	14	15	16
17	18	19	20	21	22	23
24	25 City Council Meeting	26	27	28		
			Plano Legislative Days			



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# MARCH 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
	PISD Spring Break					
	NLC Congressional Cities— DC					
17	18	19	20	21	22	23
		City Council Meeting				
24	25	26	27	28	29	30
	City Council Meeting					
31						





# APRIL 2019

## Plano City Council & Executive Team Calendar

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F: 972-423-9587  
cindyp@plano.gov

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8 City Council Meeting	9	10	11	12	13
14	15	16	17	18	19	20
21	22 City Council Meeting	23	24	25	26	27
28	29	30				



# MAY 2019

## Plano City Council & Executive Team Calendar

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F: 972-423-9587

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Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13 City Council Meeting	14	15	16	17	18
19	20	21	22	23	24	25
26	27 Memorial Day City Council Meeting	28	29	30	31	



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[cindyp@plano.gov](mailto:cindyp@plano.gov)

# JUNE 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10 City Council Meeting	11	12	13	14	15
16	17	18	19	20	21	22
23	24 City Council Meeting	25	26	27	28	29
30						



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# JULY 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4 Independence Day	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22 City Council Meeting	23	24 City Council Meeting (Budget)	25	26	27
28	29	30	31			



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# AUGUST 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12 City Council Meeting	13	14	15	16	17
18	19	20	21	22	23	24
25	26 City Council Meeting	27	28	29	30	31



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# SEPTEMBER 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Labor Day	3	4	5	6	7
8	9 City Council Meeting	10	11	12	13	14
15	16	17	18	19	20	21
22	23 City Council Meeting	24	25	26	27	28
29	30					



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# OCTOBER 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9 TML Annual Conference—San Antonio	10	11	12
13	14 City Council Meeting	15	16	17	18	19
20	21	22	23	24	25	26
27	28 City Council Meeting	29	30	31		



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# NOVEMBER 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11 City Council Meeting	12	13	14	15	16
17	18	19	20	21	22	23
			NLC City Summit—San Antonio			
24	25 City Council Meeting	26	27	28	29	30
				Thanksgiving Holidays		





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# DECEMBER 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9 City Council Meeting	10	11	12	13	14
15	16	17 City Council Meeting	18	19	20	21
22	23	24 Winter Holidays	25 Winter Holidays	26	27	28
29	30	31				



**CITY OF PLANO  
COUNCIL AGENDA ITEM**

Council Meeting Date: 7/23/2018

Department: City Secretary

Department Head:

Agenda Coordinator:

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**CAPTION**

Mayor's Update Report re Peanut Butter Drive

---

**FINANCIAL SUMMARY**

**FUND(S):**

---

**COMMENTS:**

---

**SUMMARY OF ITEM**

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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## CITY OF PLANO COUNCIL AGENDA ITEM

Council Meeting Date: 7/23/2018

Department: City Manager

Department Head:

Agenda Coordinator:

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### CAPTION

Engineering Departmental Presentation - Community Investment Program

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### FINANCIAL SUMMARY

FUND(S):

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COMMENTS:

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### SUMMARY OF ITEM

Strategic Plan Goal:

Plano Tomorrow Plan Pillar:

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### ATTACHMENTS:

Description	Upload Date	Type
Presentation	7/18/2018	Informational



# Engineering Department

Community Investment Program and Development  
Services

July 23, 2018

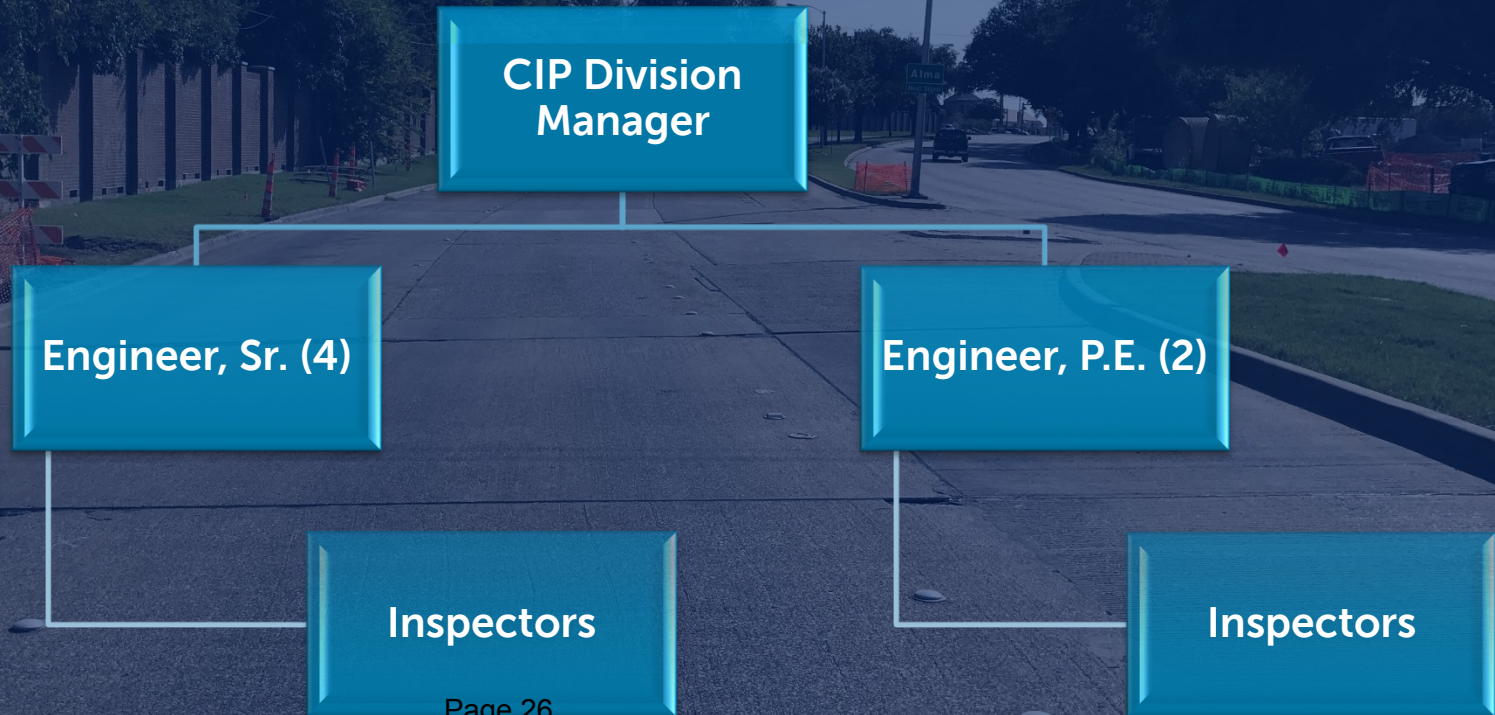
# Engineering Department

## Divisions

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



# CIP Division







The background of the slide is a photograph of a construction site, likely for a large-scale infrastructure project. It shows deep excavations, concrete structures, and workers in safety gear. The image is overlaid with a dark blue semi-transparent layer to make the white text stand out.

# **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**





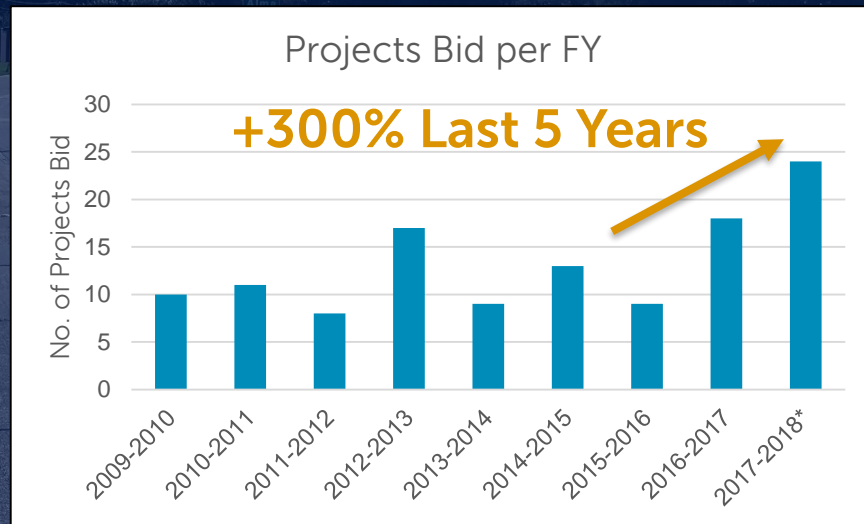
# CIP Division Estimated 18/19 CIP Budget

• Street Fund	\$30M
• Water Fund	\$9M
• Wastewater Fund	\$8M
• Drainage Fund	<u>\$5M</u>
<b>TOTAL</b>	<b>\$52M</b>



# 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





Preston/Plano Pkwy





## Legacy West Lift Station



## Legacy West Lift Station





## Legacy West Lift Station





## Legacy West Lift Station



## Dallas North Waterline







Parkwood Tank Painting

# Russell Creek Stabilization





# Development Division

Development  
Division Manager

Engineer, Sr. (3)

Construction  
Inspection  
Supervisor

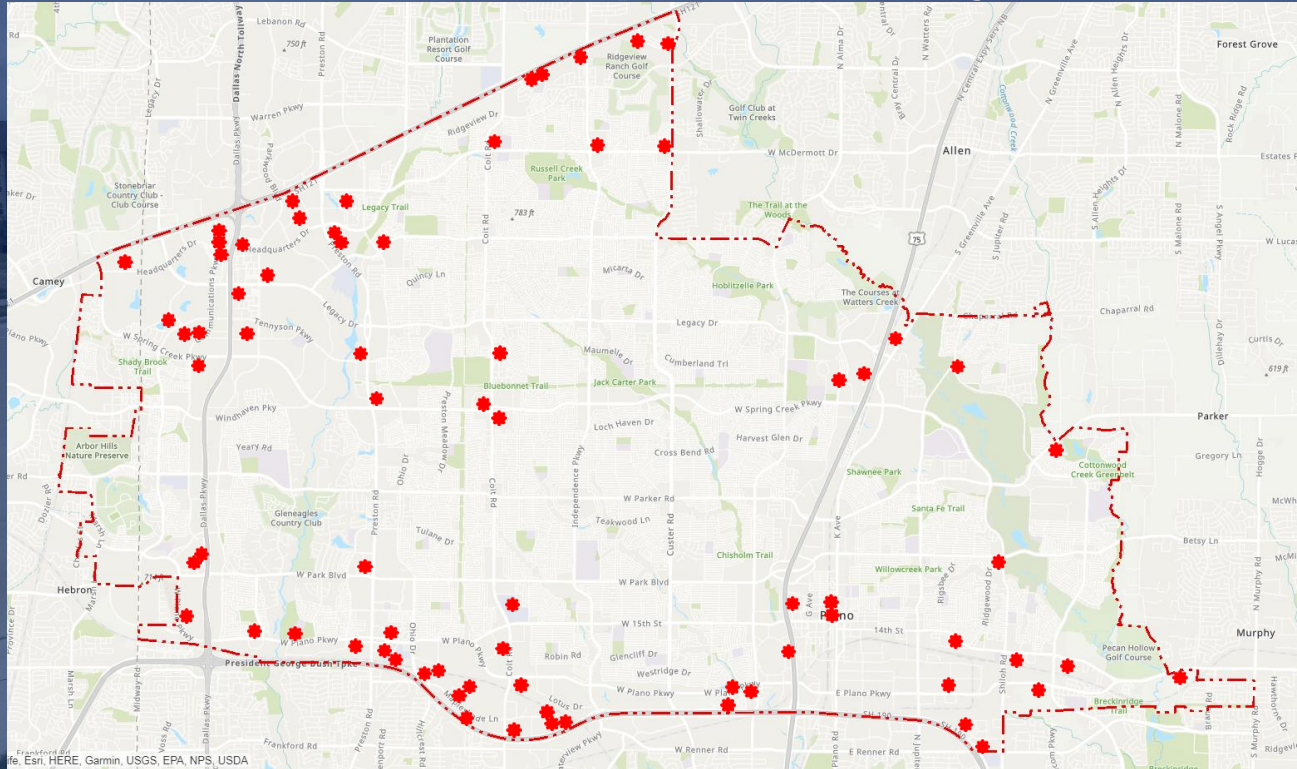
Inspectors (10)

# 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



Page 47  
70+ Active Projects

# Development Division Current Workload

- 215 Engineering permits issued for construction FY16-17
- 97 Engineering permits issued for construction 1<sup>st</sup> 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\*)



**CITY OF PLANO  
COUNCIL AGENDA ITEM**

Council Meeting Date: 7/23/2018

Department: City Secretary

Department Head:

Agenda Coordinator:

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**CAPTION**

Engineering Departmental Presentation - Traffic

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**FINANCIAL SUMMARY**

**FUND(S):**

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**COMMENTS:**

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**SUMMARY OF ITEM**

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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**ATTACHMENTS:**

Description	Upload Date	Type
Presentation	7/19/2018	Informational
Transportation Work Summary	7/17/2018	Informational



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# Engineering Department

Transportation (TE) Division

July 23, 2018



# Fast Facts

- Signalized intersections nearly doubled in the last 20 years to 268
- Traffic entering and leaving Plano doubled in the last 20 years
- Over 1000 emergency vehicle preempts per day
- >5 billion motorists travel thru (touch) Plano traffic signals annually
- Traffic Management Center operates 8 a.m.–noon and 1:00–5:00 p.m.
- TE Division currently has the same number (9) of staff positions we had 20 years ago. We currently have 3 vacant positions.



# Transportation Staff





# Primary Division Functions

- **Internal Traffic Studies** – preparation, analysis and development of recommended solutions
- **Major Projects** – coordination and input
- **Current Programs** – implementation and oversight
- **Construction Plans** – design, review, and comment
- **Traffic Signal Operations** – develop, implement, and fine-tune new coordinated and optimized timing plans
- **Traffic Management Center (TMC)** – operate TMC
- **Future Programs/Initiatives** – development and implementation



# Major Project Coordination

- Cotton Belt Regional Rail (DART)
- DNT 4<sup>th</sup> Lane Widening Project (NTTA)
- SH 121 4<sup>th</sup> Lane Widening Project (NTTA and TxDOT)
- US 75/Plano Parkway Widening Project (TxDOT)
- Legacy Transportation Management Association
- Traffic Management Center Upgrade
- Citywide Fiber Communications Upgrade
- Citywide Traffic Signal Retiming
- Thoroughfare Standards Update



# Current Division Programs

- Annual Traffic Safety Report
- High Accident Location/High Accident Roadway Segment (HAL/HARS)
- Traffic Count/Data Collection Program
- Respond to FixIT, Citizen, Motorist Requests
- School Traffic Coordination
- Bike Share Program



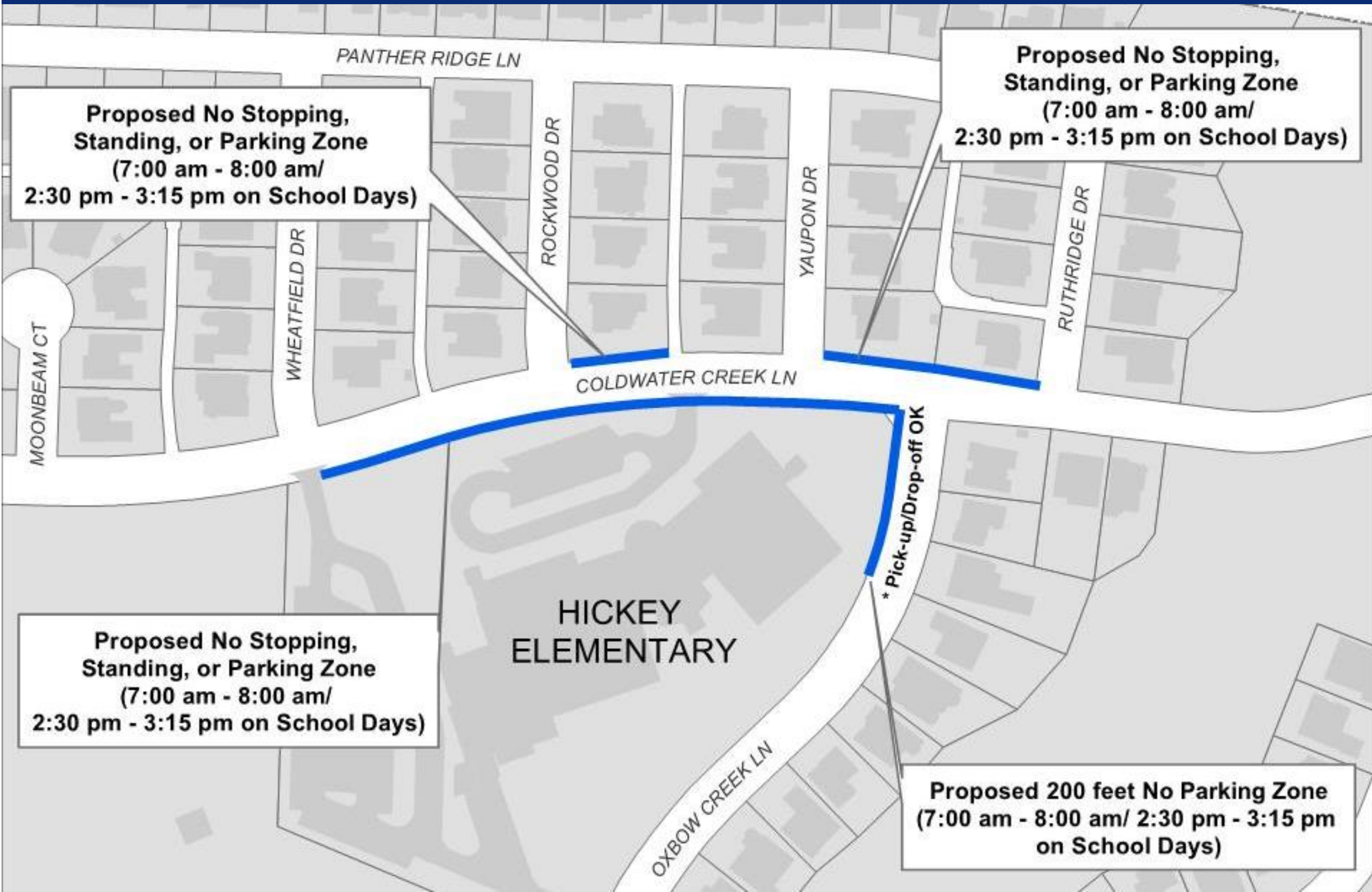
# FixIT / Citizen / Motorist Requests

- Traffic signal timing requests
  - Coordination
  - Capacity issues (not enough green time)
- Neighborhood/business requests
  - Install “Stop” signs
  - Install “No Parking” signs
  - Provide speed reduction signing
  - Install new traffic signals
  - Remove abandoned Bike Share bicycles



# Hickey Elementary FixIT Request

## Recommended Improvements





# Bike Share Program

- Citywide except Legacy West area
- Primary emphasis on parks, downtown, transit facilities, libraries, and other high bike usage locations





# Bike Share Program

New FixIT request!





# Construction Traffic Control Example

- K Avenue closure south of 15<sup>th</sup> Street
- Photo is looking southbound just north of 15<sup>th</sup>





# Traffic Signal Operations

- 268 signalized intersections
- 183 school zone flashers
- 32 CCTV cameras
- Wireless communications to 227 intersections
- New HAWK pedestrian signal
- Five basic peak timing plans – AM, Off, PM, late night, and Free (actuated)



# Traffic Signal Timing Example

Photo of Park and DNT on east side of DNT looking westbound







# City of Plano Facebook Post

Heather XXXXXXXXXX to [City of Plano, Texas Government](#) [April 6](#) ·

“(Transportation Engineering Division) in engineering at the City of Plano **ROCKS**. woohoo three green lights in a row!!!! This is in front of Willowbend east bound on Park at DNT...i finally called Weds about these lights being out of sync for months. Brian left me a detailed vmail thurs morning explaining they were working on the issue and then he called back today (fri) to ask if i had driven that direction because the problem was fixed...wow what customer service — feeling accomplished in [Plano, Texas](#).”





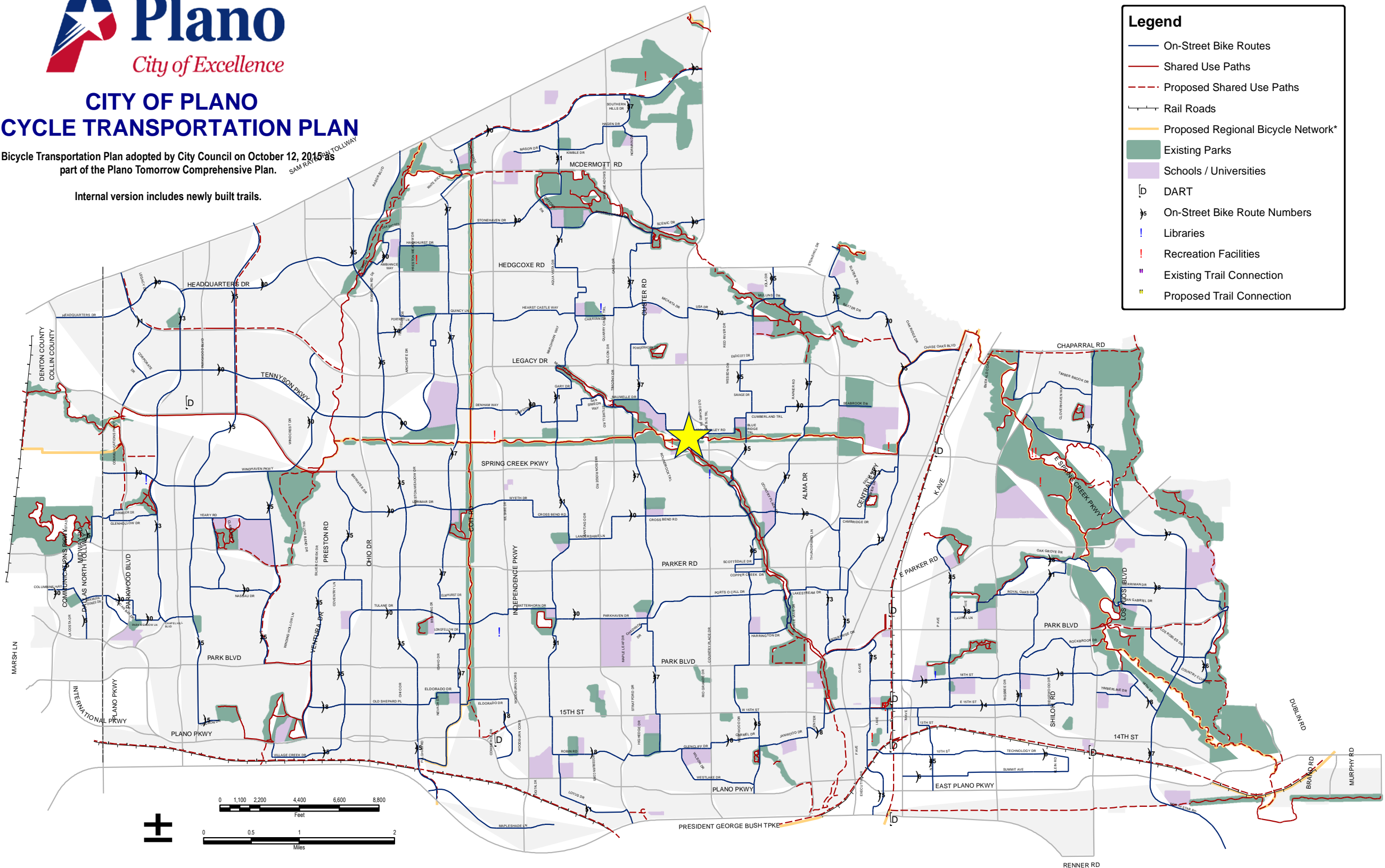
# New HAWK Signal Location



## CITY OF PLANO BICYCLE TRANSPORTATION PLAN

Bicycle Transportation Plan adopted by City Council on October 12, 2010 as  
part of the Plano Tomorrow Comprehensive Plan.

Internal version includes newly built trails.





# New HAWK at Alma and Bluebonnet Trail

Photo looking south





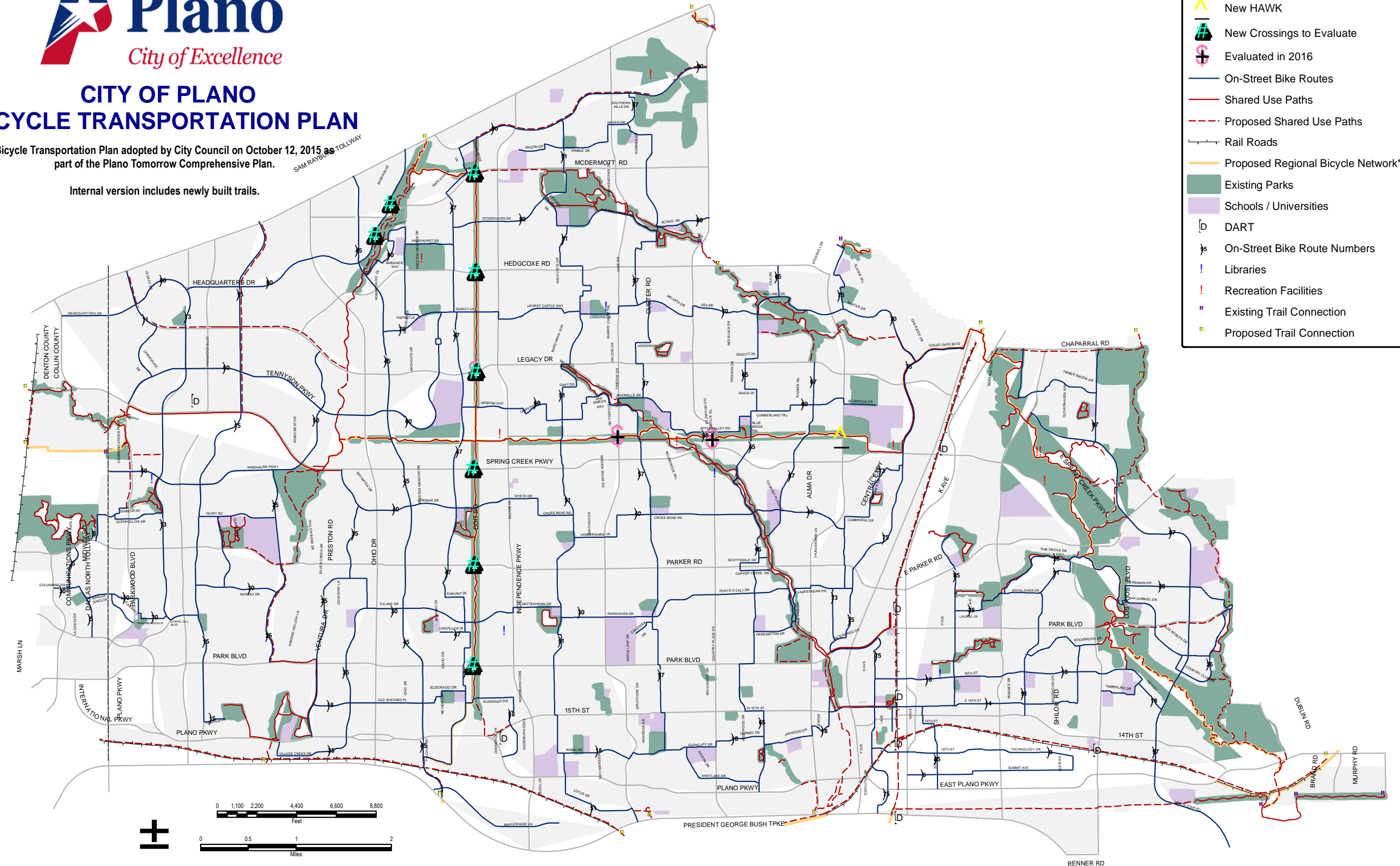
# Future HAWK Evaluations



## CITY OF PLANO BICYCLE TRANSPORTATION PLAN

Bicycle Transportation Plan adopted by City Council on October 12, 2015 as part of the Plano Tomorrow Comprehensive Plan.

Internal version includes newly built trails.





# Existing Traffic Management Center

- Over 20 years old
- Citizen calls
- Field alarms
- Controller mods
- Verification of traffic conditions via Pan, Tilt, Zoom (PTZ) cameras





# Current Operational Improvements

- PTZ camera expansion
- School Zone Flasher System
- Intersection communications expansion
- Emergency vehicle preemption system upgrade
- Traffic Management Center (TMC) upgrade
- Fiber optic communications upgrade
- Citywide traffic signal timing update



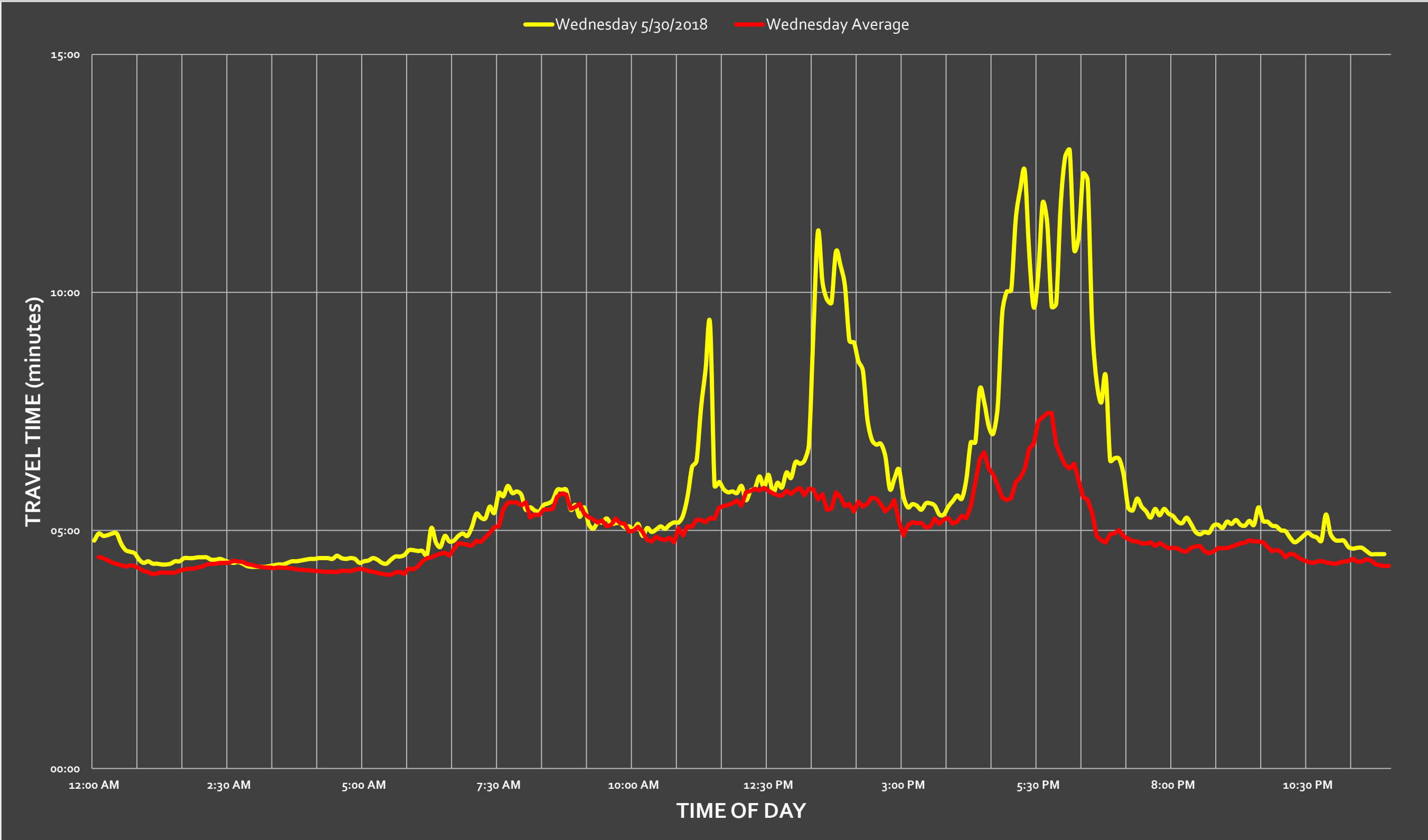
# Future Programs / Initiatives

- Traffic Management Strategies Evaluation
- Intersection Capacity and Corridor Bottleneck Improvement Study
- Incident Management Alternative Timing Plans
- Waze Traffic Data Integration – Grant Program
- Adaptive Traffic Signals – PODS Pilot
- Autonomous and Connected Vehicles
- Performance Metrics Integration





# Travel Time Comparison for Northbound Preston Road from Frankford Road to Park Boulevard





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# QUESTIONS

Brian Shewski, P.E., PTOE  
Transportation Engineering Manager  
bshewski@plano.gov  
972-941-5637

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# **TRANSPORTATION ENGINEERING DIVISION**

## **SUMMARY OF WORK RESPONSIBILITIES**

### **DIVISION MANAGEMENT**

#### Coordinate and Respond to FixIT Requests

- Traffic Signal Timing Request Types
  - + Provide Signal Coordination
  - + Capacity Issues (not enough green time)
- Neighborhood/Business Request Types
  - + Fix Construction Traffic Control Signing
  - + Install New Traffic Signals
  - + Install "No Parking" Signs
  - + Install "Stop" Signs
  - + Provide Speed Reduction Signing
  - + Remove Abandoned Bike Share Bicycles

#### Coordinate Engineering Side of Red Light Running Program

#### Expert Witness Testimony

#### Participation with Regional Committees (5)

#### Personnel Reviews/Guidance

#### Support Open Records Requests

#### Training (big list)

#### Budgeting

- Federal and State Grants
- Infrastructure Improvements
- Personnel
- Software/Hardware

#### Major Project Coordination

- Cotton Belt Regional Rail (DART)
- DNT 4<sup>th</sup> Lane Widening Project (NTTA)
- SH 121 Widening Project (NTTA and TxDOT)
- US 75 / Plano Parkway Closures (TxDOT)
- NCTCOG Grants
  - + WAZE Data Sharing
  - + Legacy Area Communications Pilot (Frisco)
- Legacy Traffic Management Association (TMA)
  - Development and Coordination
- Citywide Clearance Interval Review (Internal)
- Citywide Fiber Upgrade (Internal)
- Citywide Traffic Signal Retiming (Internal)
- Plano Website Recommendations (internal)
- Traffic Management Center Upgrade (Internal)
- Update Thoroughfare Standards (Internal)

### **CURRENT TRANSPORTATION PROGRAMS**

#### Bike Share Program (BSP)

- Address/Coordinate FixIT Requests
- Coordinate BSP with other City Departments
- Coordinate with Bike Share Companies
- Develop Permit Requirements
- Develop Website Content
- Review Home Zone Requests
- TrakIT Coordination

#### School Coordination

- Circulation Analysis
- Conduct Safe Routes to School Studies
- Ordinance Review and Preparation
- Parking Restrictions
- Prepare and Host Annual Safety Meeting
- Review and Revise Existing SZ Signing
- School Zone (SZ) Limits Analysis
- Signing/Striping Work Orders
- Turn Restrictions

#### High Accident Location/High Accident Roadway Segment (HAL/HARS) Program

- Cost Benefit Analysis
- Develop List of Intersection Improvements
- Develop Priority List of CIP Projects
- Development of High Accident Locations
- Documentation of Historical Data
- Identification of Crash Trends
- Operational/Crash Rate Analysis
- Preparation of Annual Traffic Safety Report
- Review/Analysis of 5 Year Crash Data

#### Traffic Count/Data Collection Program

- Collect Origin-Destination Data
- Collect Travel Time Data
- Collect Turning Movement Counts
- Collect Vehicle Speed Data
- Conduct 24-Hour and Multi-Day Counts
- Conduct Ball Bank Studies
- Conduct Queuing Field Collection
- Conduct Vehicle Gap Field Collection



## **TRANSPORTATION ENGINEERING DIVISION**

### **SUMMARY OF WORK RESPONSIBILITIES**

- Review/Document of In-Field TCPs
- Update Annual 24-Hour Count Map
- Update Annual Thoroughfare Speed Limit Map
- Verify/Coordinate Removal of LOS Restrictions

#### **Other Programs**

- Alley Speed Bump Program
- Alley Speed Limit Signage Program
- Downtown Employee Parking Program
- Downtown Parking Special Event Day Pass
- Parking Ordinances for Sub Areas
- Valet Parking Program

#### **TRAFFIC ANALYSIS/STUDIES**

##### **Graphics Development**

- ArcView Maps
- AutoCAD Graphics and Plans
- Google Earth Maps
- Synchro Graphics and Plans
- TransCAD Maps

##### **Modeling**

- TransCAD Subarea Modeling
- VISSIM Modeling
  - + Animations - LRT/BRT
  - + Circulation
  - + Special Intersection Operations
  - + Traffic Signal Operations
- Volume Forecasting

##### **Traffic Studies**

- Accident Analysis
- Alternative Intersection Analysis
- "Before/After" Data Analysis
- Bicycle and Pedestrian Needs Analysis
- Corridor / Driveway Access Study
- Freeway Access Studies
- Gap Acceptance Analysis
- HAWK Pedestrian Signal Analysis
- Intersection Capacity Analysis
- Intersection Safety Analysis
- Lane Assignment Analysis

- Neighborhood Cut-thru Traffic Studies
- No Parking Analysis
- Origin-Destination Studies
- Pedestrian Crossing Warrant Analysis
- Railroad Grade Separation Analysis
- Railroad Quiet Zone Compliance Study
- Road Diet Evaluations
- Saturation Flow Rate Analysis
- Signal Warrant Analysis
- Speed Zone Analysis
- Stop Sign Warrant Analysis
- Traffic Impact Studies
- Traffic Signing Compliance Study
- Travel Time Analysis
- Vehicle Delay Analysis
- Vehicle Queue Analysis

#### **INFRASTRUCTURE DESIGN AND REVIEW**

##### **Signing and Marking Plans Development**

##### **Traffic Control Plan (TCP) Reviews**

- Development/Site Plans
- NTTA, TxDOT, and Other Agency Projects
- Parks Projects
- Plano CIP Projects
- Traffic Signal Projects - New
- Traffic Signal Projects - Upgrades
- Utility Permits

##### **Traffic Signal Plans Development**

- Temporary
- Permanent

##### **Traffic Signal System and Intelligent**

##### **Transportation Systems Plans Development**

#### **TRAFFIC SIGNAL AND TRAFFIC MANAGEMENT CENTER OPERATIONS**

- Advance Detection Roll-Out
- Analyze and Review Split Timings
- Coordinate Traffic Signal Timing Needs with Adjacent Cities, NTTA, and TxDOT Projects

## **TRANSPORTATION ENGINEERING DIVISION**

### **SUMMARY OF WORK RESPONSIBILITIES**

- Coordinate Traffic Signal Timing Needs with Plano CIP Projects
- Develop, Implement, and Fine-tune New Coordinated Timing Plans
- Emergency Preemption System Management
- Evaluate and Program Adaptive Signal Timings
- Evaluate System Performance Metrics
- Incident Management Coordination
- School Zone Flashers Management
- Upgrade 1C Cards for ATSPMs
- V76 Traffic Controller Firmware Upgrade

#### **FUTURE PROGRAMS/INITIATIVES**

- AV/CV Coordination and Deployment
- AV/CV Standards Development
- Citywide Access Management Plan
- Citywide Major Intersection CCTV Deployment
- Complete Streets Standards
- Context Sensitive Solutions Standards
- Corridor Bottleneck Improvement Study
- Emergency Operations Center Traffic Update
- Incident Management Alternative Route Timing Plans
- Performance Monitoring Development
- Rush Hour Traffic Monitoring
- Transportation Systems Management and Operations (TSMO) Implementation
- Traffic Management Strategies Development and Implementation
  - + Active Transportation Demand Management
  - + Active Transportation Management
  - + Geometric Improvements
  - + Incident Management
  - + Integrated Corridor Management
  - + Intelligent Transportation Systems
  - + Regional Traffic Signal Operations
  - + Special Event Transportation Management
  - + Weather Responsive Transportation Management
- Traffic Signal Standards Update
- Utilize WAZE, HERE, and Other Big Data Resources for Traffic Management



**CITY OF PLANO  
COUNCIL AGENDA ITEM**

Council Meeting Date: 7/23/2018

Department: City Secretary

Department Head:

Agenda Coordinator: Lisa Henderson

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**CAPTION**

Consent and Regular Agendas

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**FINANCIAL SUMMARY**

**FUND(S):**

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**COMMENTS:**

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**SUMMARY OF ITEM**

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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**CITY OF PLANO  
COUNCIL AGENDA ITEM**

Council Meeting Date: 7/23/2018

Department: City Secretary

Department Head:

Agenda Coordinator:

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**CAPTION**

Council items for discussion/action on future agendas

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**FINANCIAL SUMMARY**

**FUND(S):**

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**COMMENTS:**

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**SUMMARY OF ITEM**

**Strategic Plan Goal:**

**Plano Tomorrow Plan Pillar:**

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**ATTACHMENTS:**

Description	Upload Date	Type
Pending Agenda	7/17/2018	Informational

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## 2018 - Discussion/Action Items for Future Council Agendas

### July 25 (Wednesday)

- Budget Presentation

### August 2 (Thursday)

- Grant Work Session

### *August 9 – Town Hall – Senator Florence Shapiro Council Chambers – 7:00 pm*

### August 13

- Public Hearing on Operating Budget and Community Investment Program
- Community Investment Program Work Session
- Comprehensive Monthly Financial Report – June 2018

### August 18 (Saturday)

- Budget Work Session

### August 23

- Board & Commission Information Session, Haggard Library, 6:00 p.m. – 7:30 p.m.

### August 27

- 1<sup>st</sup> Public Hearing on Tax Rate

### September 3 – Labor Day

### September 5 (Wednesday)

- 2<sup>nd</sup> Public Hearing on Tax Rate

### September 10

- Adoption of Budget
- Evaluation – City Attorney

***September 15 – Love Where You Live – 9:30 a.m. Meadows Neighborhood***

***September 21-23– Plano Balloon Festival – Oak Point Park & Nature Preserve***

***September 23-26 – ICMA Conference – Baltimore, MD***

**September 24**

- DART Report
- Evaluation – Municipal Judge

**October 8**

- Evaluation – City Manager
- Deliberations – Evaluation of Council Appointees

***October 9-12 – TML Annual Conference – Ft Worth, TX***

***October 12– Neighborhood Leadership Council–7:30 am***

**October 22**

- Comprehensive Monthly Financial Report – September 2017

***November 7-10 – National League of Cities, Los Angeles, CA***

***November 8 – Town Hall Meeting – Senator Florence Shapiro Council Chambers – 7:00 pm***

**November 12**

***November 22-23 – Thanksgiving Holidays***

**November 26**



**December 10**

**December 6 – Employee Luncheon 11-1:30 – Plano Event Center**

**December 18 (Tuesday)**

- DART Report

**December 24 & 25 – Christmas/Winter Holidays**