



Plano Fire-Rescue (PFR)

Fire Training Facility Proposal

May 9, 2016

Sam Greif

Fire Chief





Mission Statement

To protect and enhance the quality of life in Plano through a comprehensive program of services directed toward public education, prevention, and control in the areas of fire, rescue, medical emergencies, hazardous materials incidents, and disasters.



Background

- Fire and Emergency Medical Services (EMS) training has evolved significantly over the past 30 years
- The City of Plano has grown substantially over the same time period
- Previously utilized training facility at Collin College closed in 2014



Background

- Evolution of Fire and EMS Training
 - Move away from live fire training in acquired structures
 - Focus on safe, realistic, environmentally friendly training
 - Additional specialties require additional training



Background

- Effects of area growth on PFR
 - Rapidly increasing call volume
 - Organization has grown to 351 members
 - Travel times to out-of-city training have increased
 - Changing service needs
 - Hazmat
 - Special Rescue



Background

- Collin College Training Facility
 - Utilized by PFR for over 15 years
 - Challenges
 - Reduction in available fill-in companies
 - Traffic on US-75
 - Scheduling and logistical issues
 - Facility closed in 2014





“Don’t train until we get it right, but train until you can’t get it wrong”.
-Captain Ron Cooper

Benefits to the Community

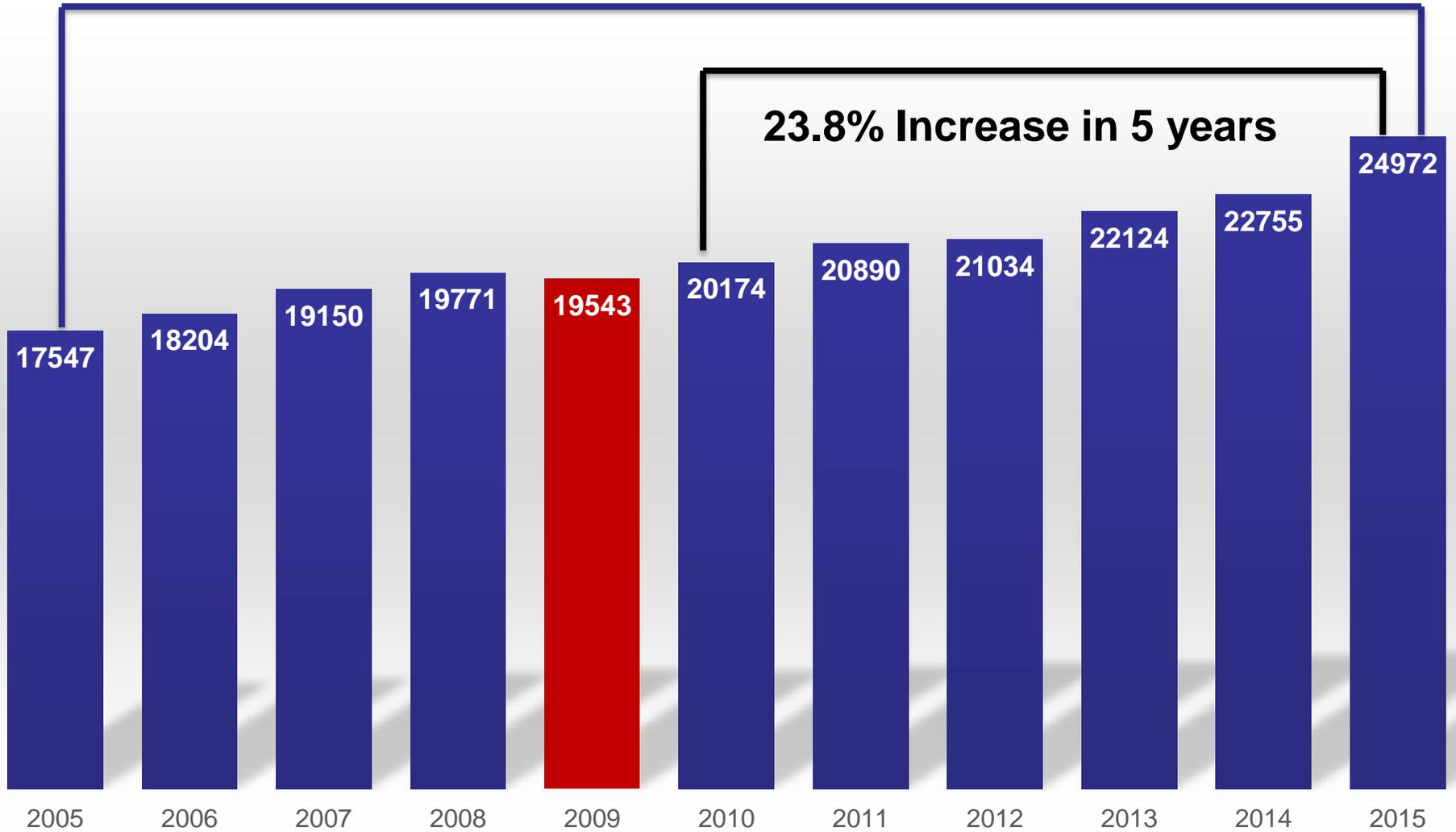
- Improved service delivery
 - More realistic training
 - More frequent training
 - Ability to simulate high risk/low frequency events
 - Ability to practice new techniques in a safe non-emergency setting



Call Volume

42.3% increase in 10 Years

23.8% Increase in 5 years



How long is it taking us to get to these calls?

Calls	2011	2012	2013	2014	2015	Increase Response time
Fire Calls (Avg)	5					0:17
Fire Calls (90%)	7					1:30
EMS Calls (Avg)	4					0:26
EMS Calls (90%)	6					0:11



Benefits to the Community

- Response time improvements
 - Companies remain inside city limits
 - Reduced training travel time
 - Ability to rapidly release companies into service
 - Recent west-side fire serves as an example



Benefits to the Community

- ISO Training Facility Requirements
 - Live-fire drill tower w/ simulated smoke
 - 2 acres in size
 - Individuals assigned to field operations must attend 18 hours of facility-use training annually



Options Explored

- Collin College facility
- Richardson Fire Training Center
- Potential Plano sites
 - Existing city properties
 - Vacant commercial properties
 - Unimproved land

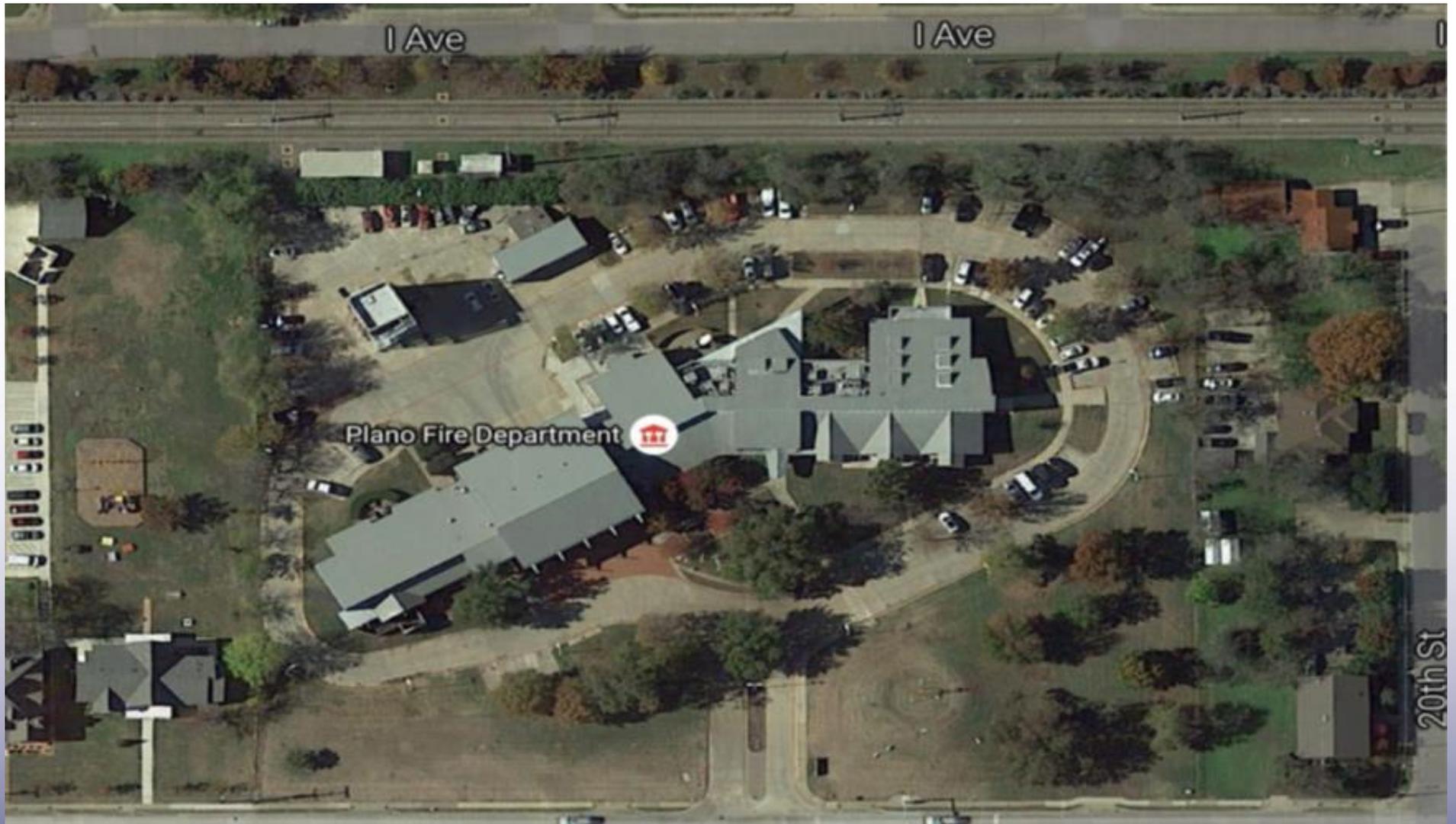


Proposed Plan

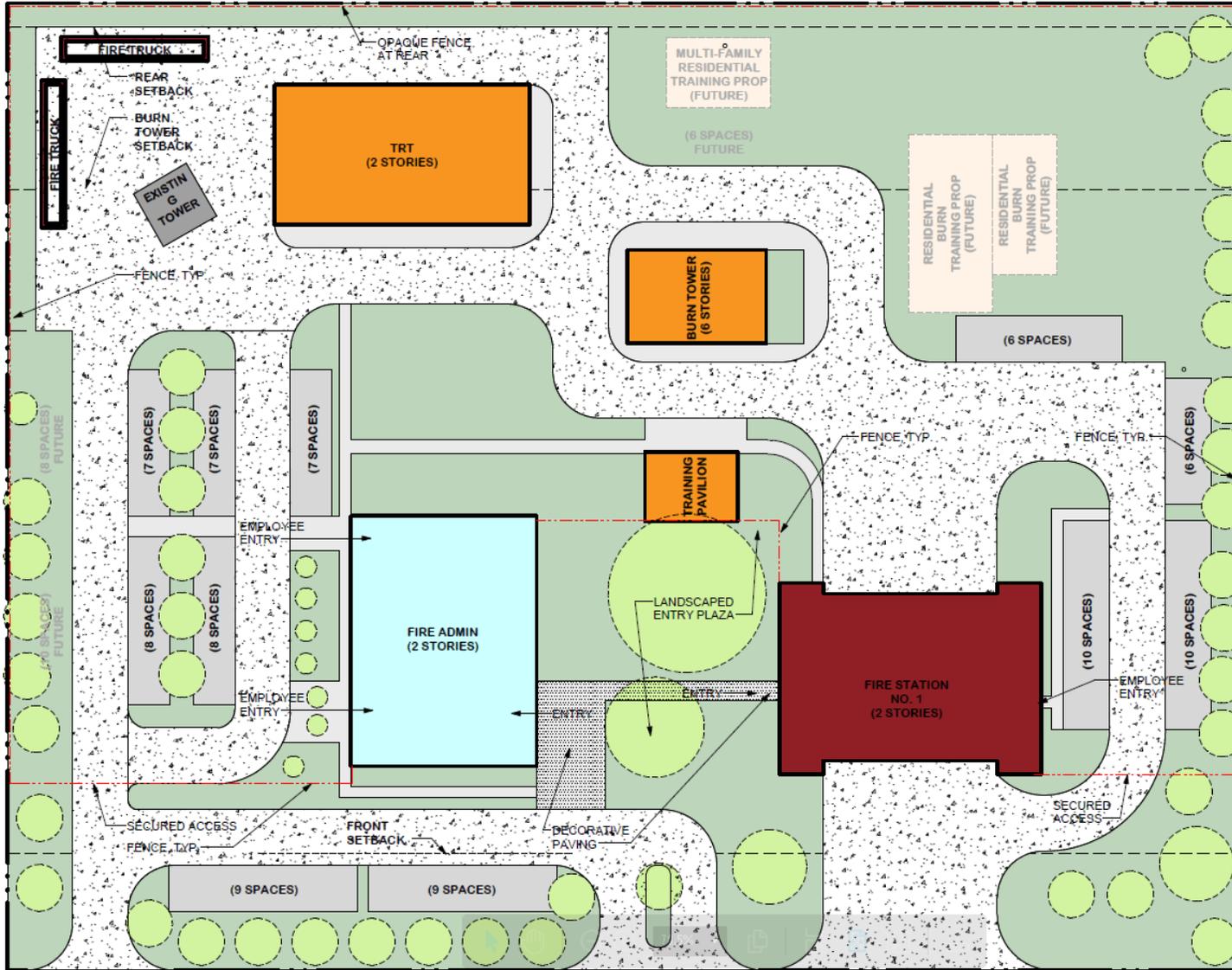
- 1901 K Ave.
 - Slated for major renovation (5 million)
 - Multiple foundation repairs
 - 5.2 acres



Proposed Plan



Proposed Plan



PLANO FIRE STATION AND ADMINISTRATION FEASIBILITY STUDY

April 29, 2016
1" = 40'



INTERIM REVIEW DOCUMENTS
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GARY DEVRIES
TX REG. NO. 10212



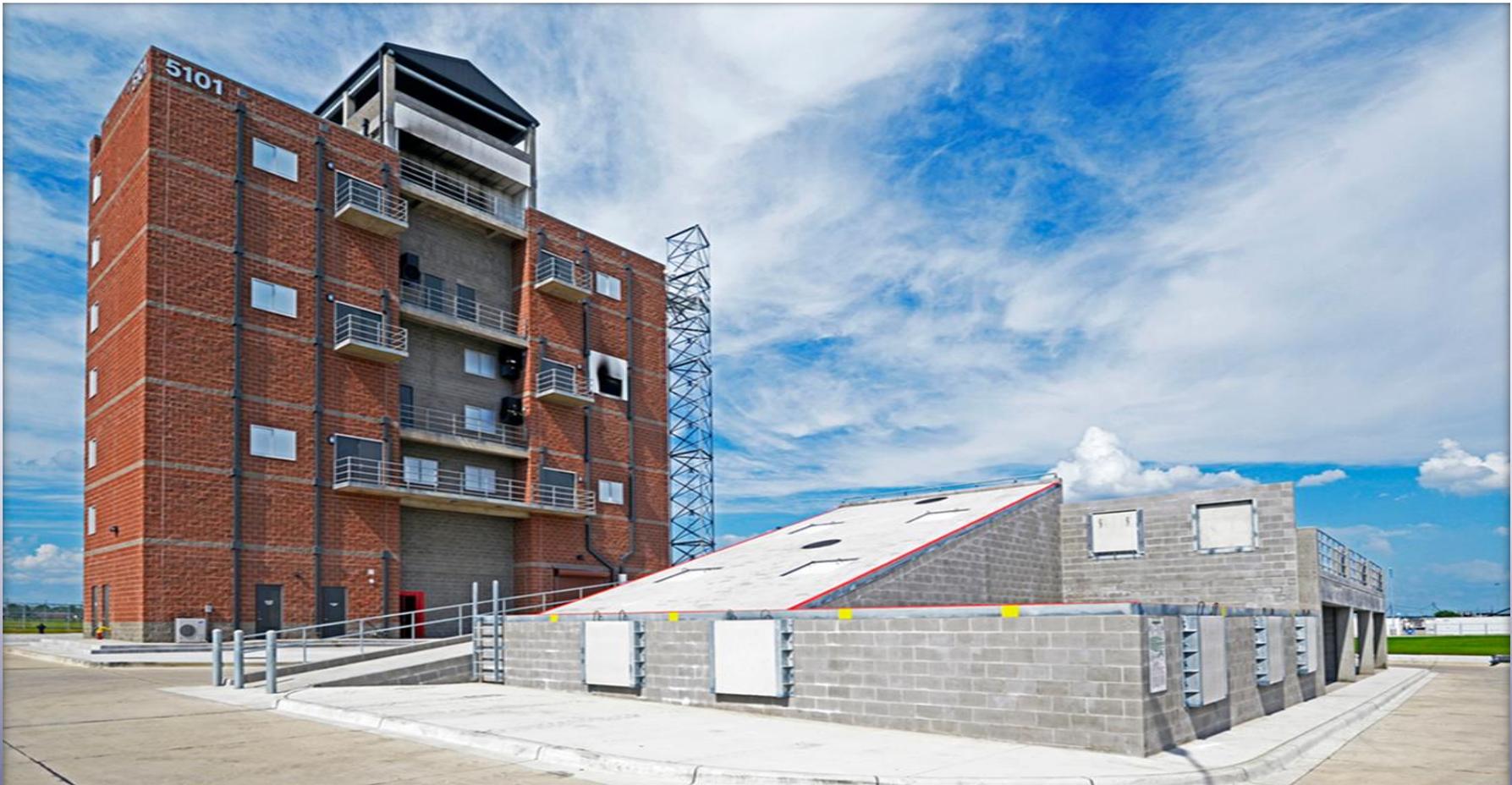
Proposed Plan

- New Fire Station 1
 - Two-story
 - Northeast corner of the property
 - Similar in design to McKinney Fire Station 1

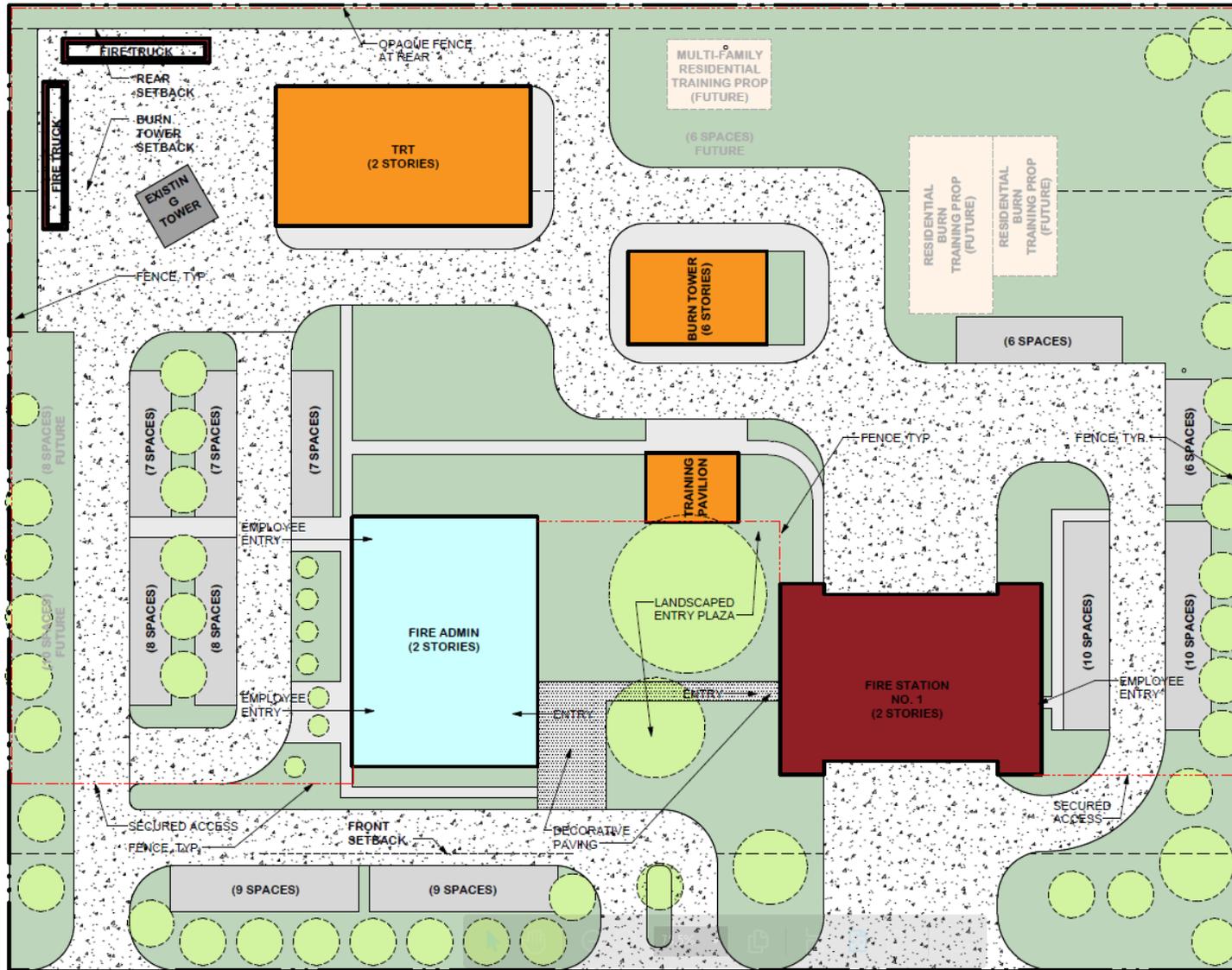


Proposed Plan

- Training Tower



Proposed Plan (Not To Exceed 22-million)



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Summary and Questions

- Current training options limited
- Call volume and response times have increased
- Dedicated training facility would improve service delivery and response times

