



**City of Dallas**

**2024 Capital Bond Program  
Police and Fire Needs Inventory  
Public Safety Committee  
June 5, 2023**

Deputy Chief William Griffith, Dallas Police Department  
Chief Dominique Artis, Dallas Fire & Rescue  
Jennifer Nicewander, P.E., (I) Director - BCM  
City of Dallas

# Purpose



- Provide overview Needs Inventory for Dallas Police Department and Dallas Fire & Rescue
- Identify prioritized recommended projects proposed by Dallas Police Department and Dallas Fire & Rescue



# 2024 Bond Needs Inventory



## Background:

Overall Citywide Needs Inventory totals \$12.2B

Public Safety facilities include:

- \$462M – Police Facilities
- \$265M – Fire Department Facilities
- All estimates are based on 2017 Facility Assessment
- Includes Major Maintenance, Rehabilitation and New or Replacement Facilities.



# Previous Bond....

## Background:



Proposition	2003	2006	2012	2017	Grand Total
Streets & Transportation	\$266,860,000	\$390,420,000	\$260,625,000	\$533,981,000	<b>\$1,451,886,001</b>
Storm Drainage	\$40,435,000	\$334,315,000	\$326,375,000	\$48,750,000	<b>\$749,875,001</b>
Parks	\$100,520,000	\$343,230,000		\$261,807,000	<b>\$705,557,000</b>
Economic Development	\$9,200,000	\$48,130,000	\$55,000,000	\$55,400,000	<b>\$167,730,000</b>
<b>Public Safety*</b>				<b>\$3,329,860**</b>	<b>\$3,329,860</b>
<b>Public Safety - Police</b>	<b>\$23,470,000</b>	<b>\$8,169,000</b>		<b>\$5,418,703</b>	<b>\$37,057,703</b>
<b>Public Safety - Fire</b>	<b>\$19,750,000</b>	<b>\$23,912,000</b>		<b>\$54,846,437</b>	<b>\$98,508,437</b>
Library Facilities	\$55,525,000	\$46,200,000		\$15,589,000	<b>\$117,314,000</b>
Cultural facilities	\$28,920,000	\$60,855,000		\$14,235,000	<b>\$104,010,000</b>
City Facilities	\$16,825,000	\$42,695,000		\$18,157,000	<b>\$77,677,000</b>
Fair Park				\$50,000,000	<b>\$50,000,000</b>
Homelessness	\$3,000,000			\$20,000,000	<b>\$23,000,000</b>
Cadillac Heights		\$22,550,000			<b>\$22,550,000</b>
Housing	\$3,030,000	\$1,500,000			<b>\$4,530,000</b>
Animal	\$11,755,000				<b>\$11,755,000</b>
<b>Grand Total</b>	<b>\$579,290,000</b>	<b>\$1,321,976,000</b>	<b>\$642,000,000</b>	<b>\$1,081,514,000</b>	<b>\$3,624,780,003</b>

\*The 2006 & 2017 Bond programs had one proposition for Public Safety

\*\* Emergency Siren System



# 2024 Bond Needs Inventory



## Needs Inventory

### Major Maintenance & Rehabilitation:

- BSD selected projects for consideration using:
  - needs previously identified on the 2017 Facility Condition Assessment (FCA),
  - projects on the needs inventory,
  - input from customer departments,
  - new needs that have emerged since the last bond program/FCA.

DPD Major Maintenance & Rehab. Projects = \$5.75M

DFR Major Maintenance & Rehab. Projects = \$5.00M



# 2024 Bond Needs Inventory



## Needs Inventory Major Maintenance- DPD

Facility Name	Department	Project Type	System Type	Estimates
North Central Patrol	DPD	Rehabilitation	Interior Renovation	\$1,500,000
Belleview Garage	DPD	Major Maintenance	Structure	\$1,000,000
Northeast Patrol	DPD	Major Maintenance	Mechanical	\$500,000
Central Patrol	DPD	Major Maintenance	Electrical	\$500,000
Central Patrol	DPD	Major Maintenance	Interior Renovation	\$500,000
Northeast Patrol	DPD	Major Maintenance	Interior Renovation	\$500,000
Southeast Patrol	DPD	Major Maintenance	Interior Renovation	\$500,000
Southeast Patrol	DPD	Major Maintenance	Plumbing	\$200,000
Central Patrol	DPD	Major Maintenance	Interior Renovation	\$200,000
North Central Patrol	DPD	Rehabilitation	Interior Renovation	\$200,000
Central Patrol	DPD	Major Maintenance	Plumbing	\$150,000
				\$5,750,000



# 2024 Bond Needs Inventory

## Needs Inventory Major Maintenance- DFR



Facility Name	Dept.	Project Type	System Type	Estimates	Facility Name	Dept.	Project Type	System Type	Estimates
Dolphin Building P-Clothing & Supply	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #24	DFR	Major Maintenance	Structure	\$500,000
Fire Station #01	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #25	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #02	DFR	Major Maintenance	Electrical	\$117,560	Fire Station #26	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #04	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #28	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #05	DFR	Major Maintenance	Structure	\$450,000	Fire Station #29	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #05	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #30	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #07	DFR	Rehabilitation	Interior	\$200,000	Fire Station #31	DFR	Major Maintenance	Structure	\$500,000
Fire Station #07	DFR	Major Maintenance	Electrical	\$117,560	Fire Station #31	DFR	Major Maintenance	Electrical	\$103,900
Fire Station #08	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #31	DFR	Rehabilitation	Interior	\$200,000
Fire Station #09	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #34	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #12	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #39	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #13	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #46	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #14	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #51	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #15	DFR	Major Maintenance	Electrical	\$148,890	Fire Station #52	DFR	Major Maintenance	Structure	\$600,000
Fire Station #16	DFR	Major Maintenance	Electrical	\$40,000	Fire Station #53	DFR	Major Maintenance	Structure	\$500,000
Fire Station #18	DFR	Major Maintenance	Electrical	\$176,238	Fire Station #56	DFR	Major Maintenance	Electrical	\$40,000
Fire Station #20	DFR	Major Maintenance	Electrical	\$40,000	Fire Stations 38	DFR	Major Maintenance	Structure	\$500,000
Fire Station #23	DFR	Major Maintenance	Electrical	\$40,000					\$4,994,148



# Dallas Police Department Priorities



## Dallas Police Department Priorities:

The following projects have been identified by the Dallas Police Department as their top priority projects.





# 2024 Bond Needs Inventory



Program Need/Priority	Estimate (M)
<b>New Facilities</b>	
Training Academy / UNT Dallas - \$150M program total need, \$25M - \$50M from Bond	\$25.0M - \$50M
Driver Training Facility	\$32.3M
Replacement of Central Patrol, Traffic & Tactical Building	\$66.1M
New District Patrol Station	\$32.3M
New Property Room, Auto Pound and Crime Scene Evidence Joint Facility	\$95.0M
<b>New, Replacement Facility Total</b>	<b>\$251.7M - \$276.7M</b>
<b>Major Maintenance</b>	
Expand Station Locker Rooms, update restrooms & Community Room added to Northeast	\$18.6M
Parking & Lighting at North-Central & South-Central Car ports, Lighting and security at Jack Evans	\$4.9M
Exterior Repairs - Roofs, windows, building facades - Several sites	\$9.7M
Upgrade elevators, fire detection & security access at several sites	\$3.8M
Renovate Interiors - Multiple Facilities	\$8.0M
<b>Major Maintenance Total</b>	<b>\$45.0M</b>
<b>New and Major Maintenance Total</b>	<b>\$296.7M - \$321.7M</b>





# 2024 Bond Needs Inventory

## Dallas Police Department – Academy

- **Project Estimate - \$150M**

- \$20M - State Funding, to be secured.
- \$25M - 50M – 2024 Bond Funding need.
- \$55M - 80M – Balance from private funds or charitable grants

- Public Safety has been briefed on May 9, 2022, regarding Police Academy Facility in partnership with UNT Dallas campus.
- Current estimates for Classrooms, Indoor Recruit Range, and Simulation training facilities are \$150M



THE ACADEMY  
SOUTH ELEVATION

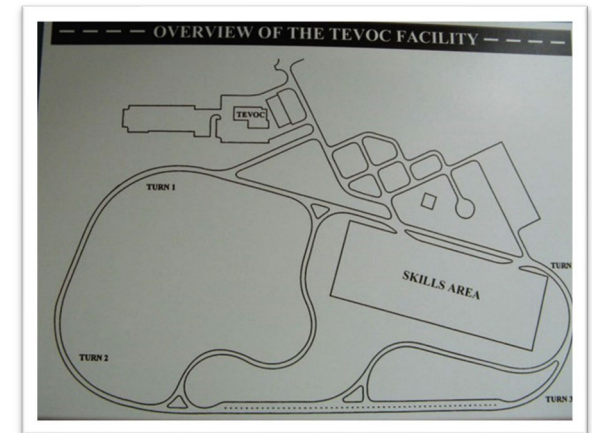




# 2024 Bond Needs Inventory

## Dallas Police Department – Driver Training

- **Project Estimate - \$32M**
- Emergency Vehicle Operation Course
- Accident-Avoidance Course, Defensive Driving Course and skid situations.
- Due to sirens used, prefer not at UNT Dallas campus. I-20 site is within driving distance of UNT.
- Purchase 20 acres needed near UNT Campus
- Site large enough for future Training Village.



# 2024 Bond Needs Inventory



## Central Patrol, Traffic and Tactical Building Replacement

- **Project Estimate - \$66.1M**

- \$47.6M – 48,000 SF, 3-story structure and 8,000 SF special vehicle high bay garage
- \$18.5M – 600 Vehicle Multistory garage for staff and patrol cars
- Originally on the Needs Inventory for the 1998 bond.



# 2024 Bond Needs Inventory



## Central Patrol, Traffic and Tactical Building Replacement



Current Conditions



Example Toronto Tactical Garage





# 2024 Bond Needs Inventory

## New Patrol Station

- **Project Estimate \$32.3M** – 38,000 building, vehicle fueling and car wash
- 10-acres site acquisition not included in estimate.
- Department is assessing its Patrol operations, the need for redistricting and the need for new Patrol Station
- Current NE Station will become East Station.





# 2024 Bond Needs Inventory

New Property Room, Auto Pound, & Physical Evidence Joint Facility

- **Project Estimate \$95M** Program for Building & equipment and Paving
  - \$85M – 100,000 SF Warehouse, office, crime scene latent print lab & 4-vehicle crime scene processing garage
  - Blood, DNA lab not included
  - \$10M – design and construction of warehouse and surface parking lot, 25-acres.



# 2024 Bond Needs Inventory



## New Property Room, Auto Pound, & Physical Evidence Joint Facility

- Auto Pound operation to be privatized, current site available for development.
- Need for 2,000 vehicle storage remains.
- Current Property room, built in the '40's, has structural faults, security for weapons and drug storage
- Would allow Crime Scene staff to be in the building where evidence is processed.







# 2024 Bond Needs Inventory

## New Property Room, Auto Pound, & Physical Evidence Joint Facility



Property Weapon Storage



Proximity to IH-30





# 2024 Bond Needs Inventory

## New Property Room, Auto Pound, & Physical Evidence Joint Facility



Exterior Storage Added



Current Condition – Low Ceiling



# 2024 Bond Needs Inventory



## Dallas Fire & Rescue – Priorities



# 2024 Bond Needs Inventory



## Dallas Fire & Rescue Priorities:

- Replacement (or renovation and expansion) of seven existing stations
- Re-purposing 'old' Station 36 for Quartermaster
- Property acquisition for five future stations in new service areas
- Major Maintenance at 32 existing stations, including upgrades to aged electrical panels and replacement of emergency generators



# Dallas Fire-Rescue (DFR) Facility Needs



## FACILITY IMPROVEMENTS

- DFR's Assessment of existing facilities with emphasis on safety, effectiveness, and fiscal responsibility. Criteria utilized includes:
  - Age – DFR has 21 facilities over 50 years in-service
  - Need for major repairs
    - Safety concerns. i.e., FS 3 is currently out of service due to environmental concerns raised by station personnel
  - Size – 39 of the 59 Stations operate from a <12,000 SF facility, the current standard.
  - Energy efficiency



# DFR Facility Improvement Needs



Department Needs (Replacement or Expansion)	Council District	Program Estimate
<b>EXISTING FACILITY NEEDED IMPROVEMENTS:</b>		
1. Station 11 – 3828 Cedar Springs Rd.	14	\$7.8M
2. Station 43 – 2844 Lombardy Ln.	6	\$12.8M
3. Station 22 – 12200 Coit Rd.	11	\$12.8M
4. Station 47 – 7161 Envoy Ct.	6	\$12.8M
5. Station 45 - 716 West Commerce St.	6	\$13.2M
6. Station 31 – 9365 Garland Rd.	11	\$13.5M
7. Station 16 – 2616 Chalk Hill Rd.	6	\$13.7M
8. Training Academy – 5000 Dolphin Rd.	Citywide	\$25.0M
9. Updating Emergency Electrical Panels and Generators - Multiple Stations	Citywide	\$3.7M
10. Remodel for old station 36 Quartermaster Program	6	\$2.7M
Total		\$118.0M



# Dallas Fire-Rescue (DFR) Facility Needs



- **NEW FACILITIES**

- Public Safety Committee Briefed on Future Station Location Analysis on May 8, 2022.
- Systematic approach to determine service area needs:
  - Analysis of historical data, system performance metrics, and geographical information
    - Emergency call volume
    - Systemwide response times
    - Current facility locations
    - Anticipated improvement in Response Time



# DFR New Facility Needs



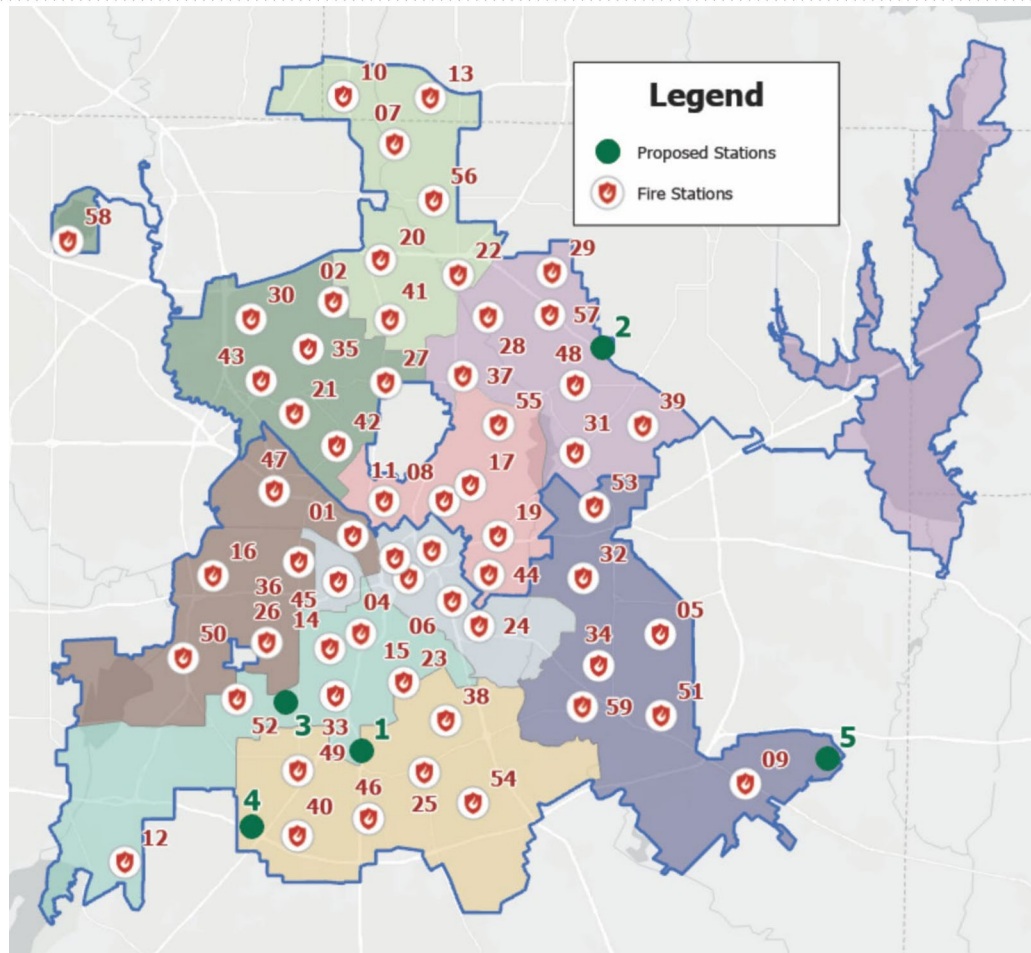
Department Needs	Council District	Program Estimate
<b>NEW FACILITY NEEDS:</b>		
1. South RL Thornton Fwy and Loop 12	4	\$12M
2. East 635 at West Kingsley Rd	10	\$12M
3. W. Illinois Ave at S. Hampton Rd	1	\$12M
4. I-20 at S. Westmoreland Rd	3	\$12M
5. Lasater Rd.	8	\$12M
Total		\$60M

Does not include funds for land acquisition if needed





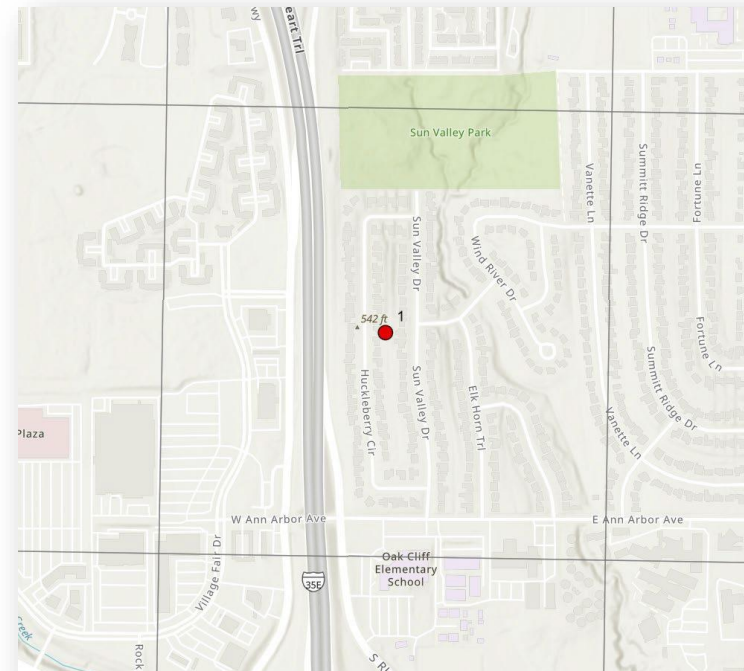
# Identified Optimal New Station Sites



# Site 1 South RL Thornton Fwy and Loop 12



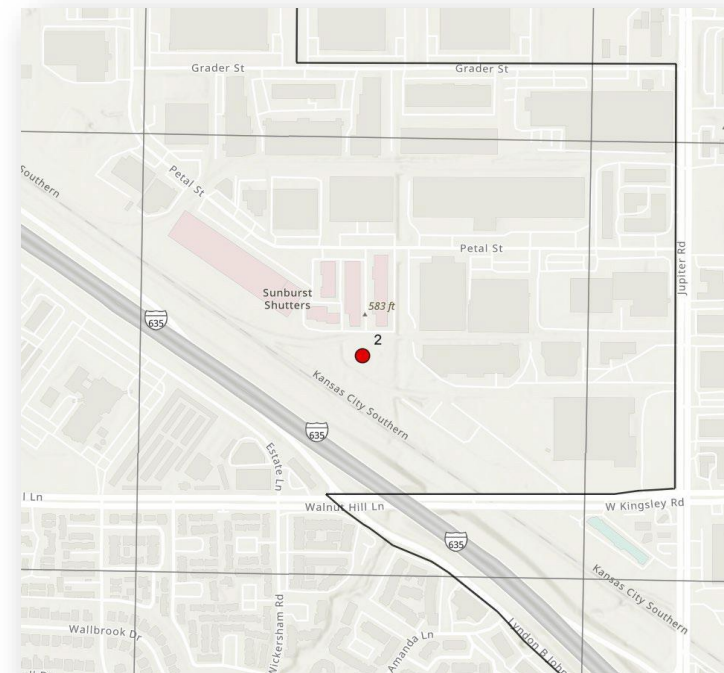
Category Name	Scoring
Travel or Response Time (from proposed stations)	5
Total calls outside of established NFPA response times	5
2045 NCTCOG Projected Population	5
Distance to nearest Station	4
Total calls outside of established NFPA response times in adjacent areas	5
Equity Atlas score	5
Change over time 2019 to 2021 of response time metrics	5
<b>Total Score</b>	<b>4.85</b>



# Site 2 East 635 at West Kingsley Rd



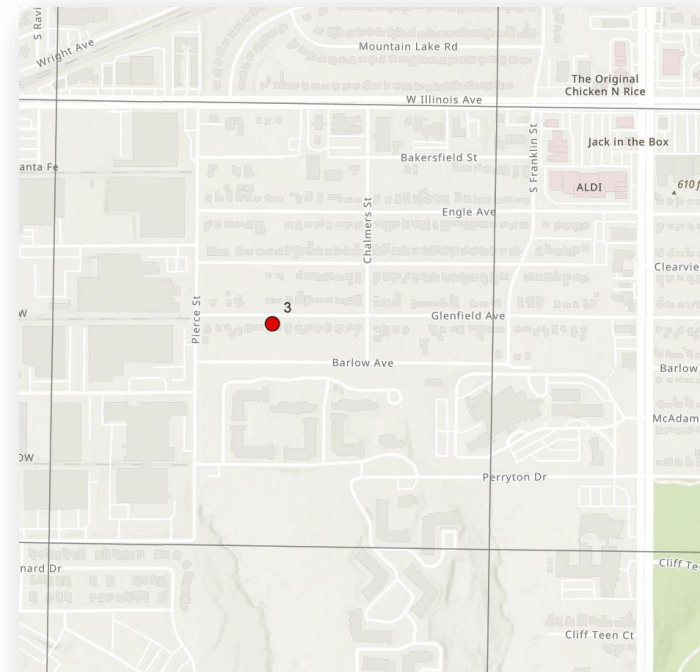
Category Name	Scoring
Travel or Response Time (from proposed stations)	5
Total calls outside of established NFPA response times	5
2045 NCTCOG Projected Population	5
Distance to nearest Station	4
Total calls outside of established NFPA response times in adjacent areas	5
Equity Atlas score	4
Change over time 2019 to 2021 of response time metrics	5
<b>Total Score</b>	<b>4.8</b>



# Site 3 W Illinois Ave at S Hampton Rd



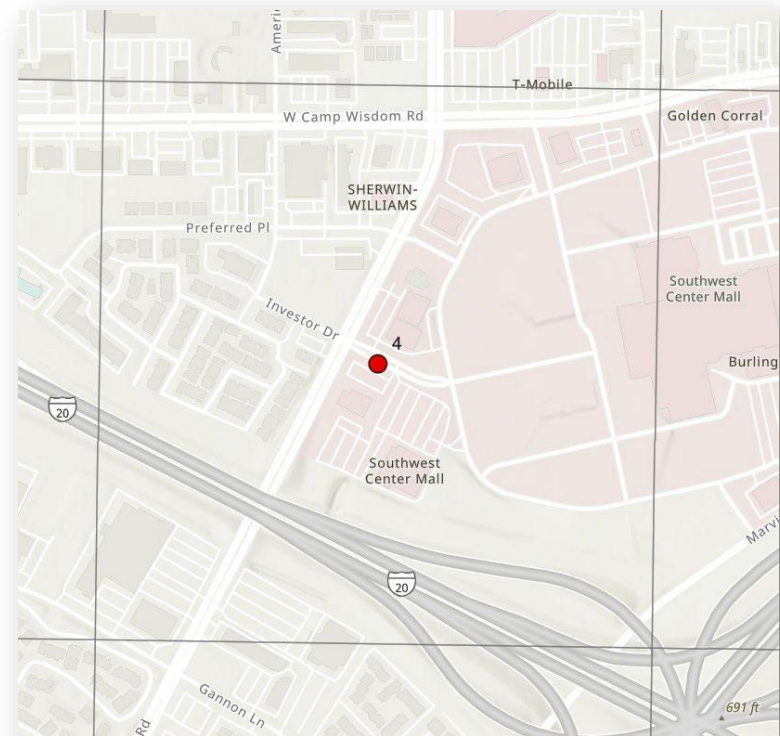
Category Name	Scoring
Travel or Response Time (from proposed stations)	5
Total calls outside of established NFPA response times	5
2045 NCTCOG Projected Population	5
Distance to nearest Station	4
Total calls outside of established NFPA response times in adjacent areas	4
Equity Atlas score	5
Change over time 2019 to 2021 of response time metrics	4
<b>Total Score</b>	<b>4.75</b>



# Site 4 I-20 at S Westmoreland Rd



Category Name	Scoring
Travel or Response Time (from proposed stations)	4
Total calls outside of established NFPA response times	5
2045 NCTCOG Projected Population	5
Distance to nearest Station	4
Total calls outside of established NFPA response times in adjacent areas	5
Equity Atlas score	4
Change over time 2019 to 2021 of response time metrics	4
<b>Total Score</b>	<b>4.75</b>



# Site 5 Lasater Rd



Category Name	Scoring
Travel or Response Time (from proposed stations)	5
Total calls outside of established NFPA response times	5
2045 NCTCOG Projected Population	5
Distance to nearest Station	5
Total calls outside of established NFPA response times in adjacent areas	3
Equity Atlas score	2
Change over time 2019 to 2021 of response time metrics	4
<b>Total Score</b>	<b>4.70</b>





# QUESTIONS?





**City of Dallas**

# **2024 Capital Bond Program Police and Fire Needs Inventory**

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