



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

*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 |
|--------------------------------------|-------|-------------------|-------------|-----------|
| Dolphin Building P-Clothing & Supply | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #01 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #02 | DFR | Major Maintenance | Electrical | \$117,560 |
| Fire Station #04 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #05 | DFR | Major Maintenance | Structure | \$450,000 |
| Fire Station #05 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #07 | DFR | Rehabilitation | Interior | \$200,000 |
| Fire Station #07 | DFR | Major Maintenance | Electrical | \$117,560 |
| Fire Station #08 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #09 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #12 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #13 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #14 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #15 | DFR | Major Maintenance | Electrical | \$148,890 |
| Fire Station #16 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #18 | DFR | Major Maintenance | Electrical | \$176,238 |
| Fire Station #20 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #23 | DFR | Major Maintenance | Electrical | \$40,000 |

| Facility Name | Dept. | Project Type | System Type | Estimates |
|------------------|-------|-------------------|-------------|-------------|
| Fire Station #24 | DFR | Major Maintenance | Structure | \$500,000 |
| Fire Station #25 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #26 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #28 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #29 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #30 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #31 | DFR | Major Maintenance | Structure | \$500,000 |
| Fire Station #31 | DFR | Major Maintenance | Electrical | \$103,900 |
| Fire Station #31 | DFR | Rehabilitation | Interior | \$200,000 |
| Fire Station #34 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #39 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #46 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #51 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Station #52 | DFR | Major Maintenance | Structure | \$600,000 |
| Fire Station #53 | DFR | Major Maintenance | Structure | \$500,000 |
| Fire Station #56 | DFR | Major Maintenance | Electrical | \$40,000 |
| Fire Stations 38 | DFR | Major Maintenance | Structure | \$500,000 |
| | | | | \$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) |
|--|---------------------|
| New Facilities | |
| 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 |
| New, Replacement Facility Total | \$251.7M - \$276.7M |
| Major Maintenance | |
| 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 |
| Major Maintenance Total | \$45.0M |
| New and Major Maintenance Total | \$296.7M - \$321.7M |





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

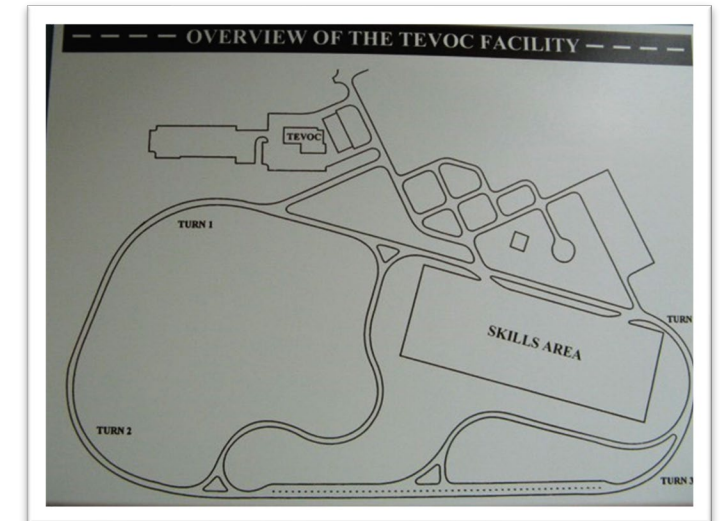


2024 Bond Needs Inventory



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.





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.





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





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 |
|---|---------------------|---------------------|
| EXISTING FACILITY NEEDED IMPROVEMENTS: | | |
| 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 |





- **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

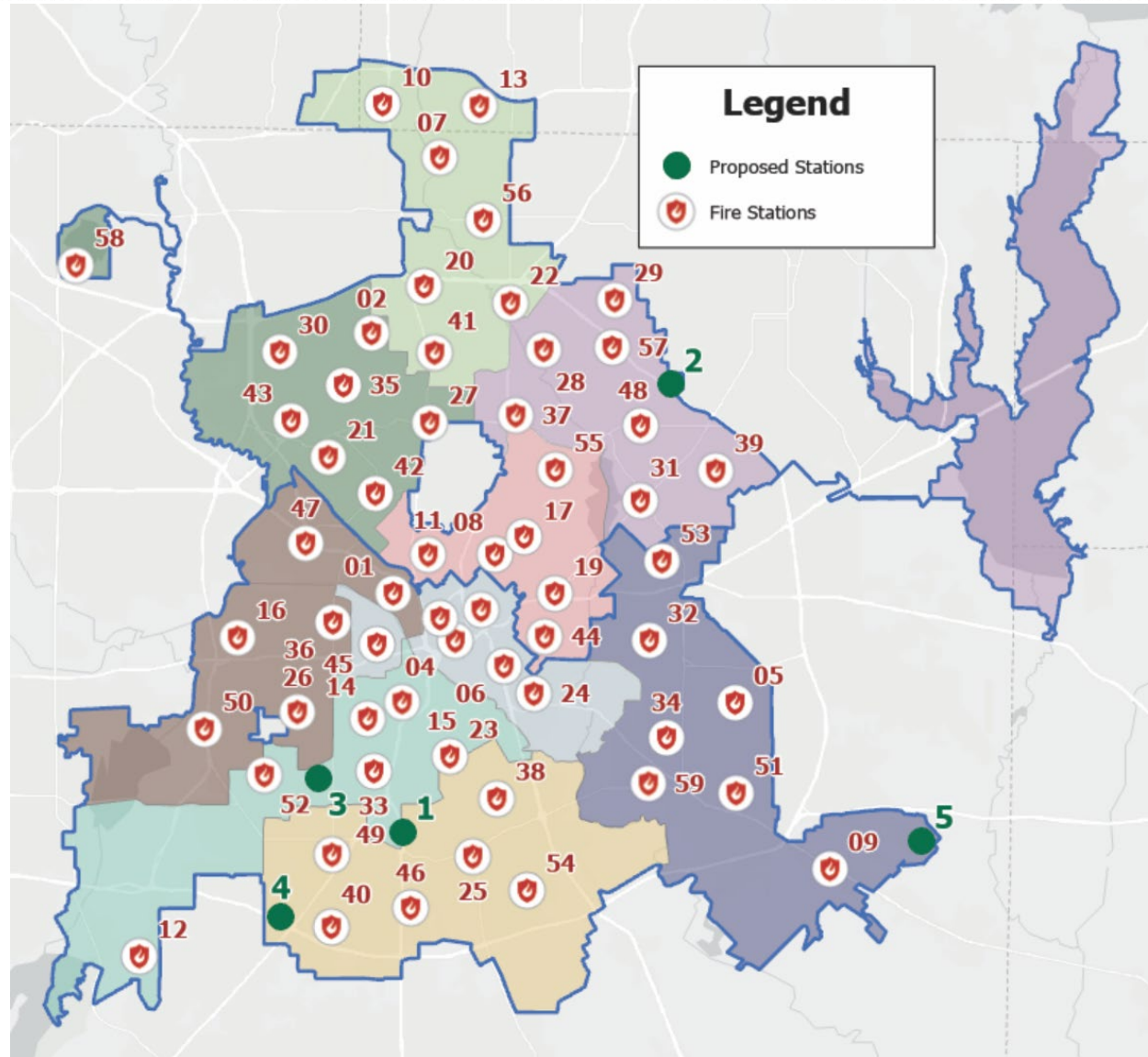


| Department Needs | Council District | Program Estimate |
|--------------------------------------|------------------|------------------|
| NEW FACILITY NEEDS: | | |
| 1. South RL Thornton Fwy and Loop 12 | 4 | \$12M |
| 2. East 635 at West Kingsley Rd | 10 | \$12M |
| 3. W. Illinois Ave at S. Hampton 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



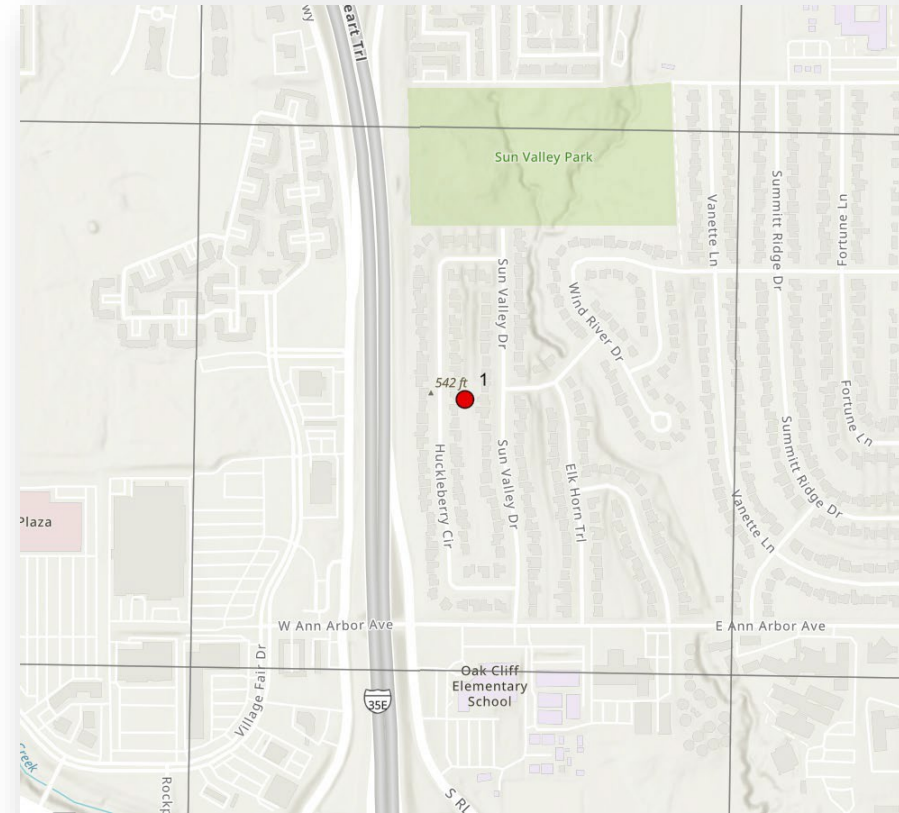
Identified Optimal New Station Sites



Site 1 South RL Thornton Fwy and Loop 12



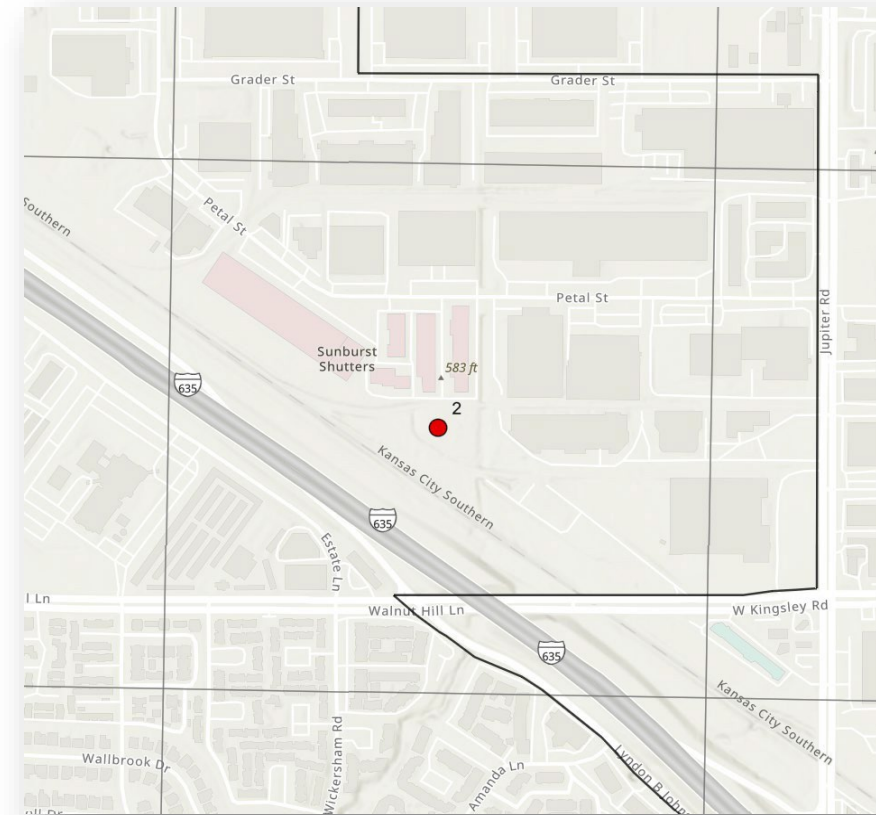
| Category Name | Scoring |
|--|-------------|
| Travel or Response Time (from proposed stations) | 5 |
| Total calls outside of established NFPA response times | 5 |
| 2045 NCTCOG Projected Population | 5 |
| Distance to nearest Station | 4 |
| Total calls outside of established NFPA response times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



Site 2 East 635 at West Kingsley Rd



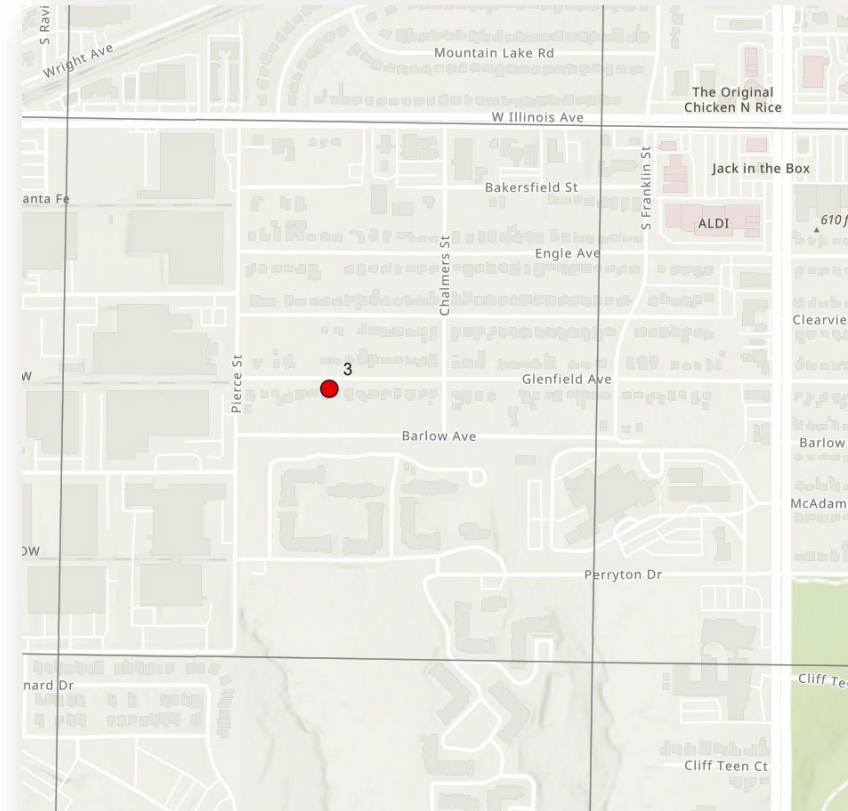
| Category Name | Scoring |
|--|------------|
| Travel or Response Time (from proposed stations) | 5 |
| Total calls outside of established NFPA response times | 5 |
| 2045 NCTCOG Projected Population | 5 |
| Distance to nearest Station | 4 |
| Total calls outside of established NFPA response times in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



Site 3 W Illinois Ave at S Hampton Rd



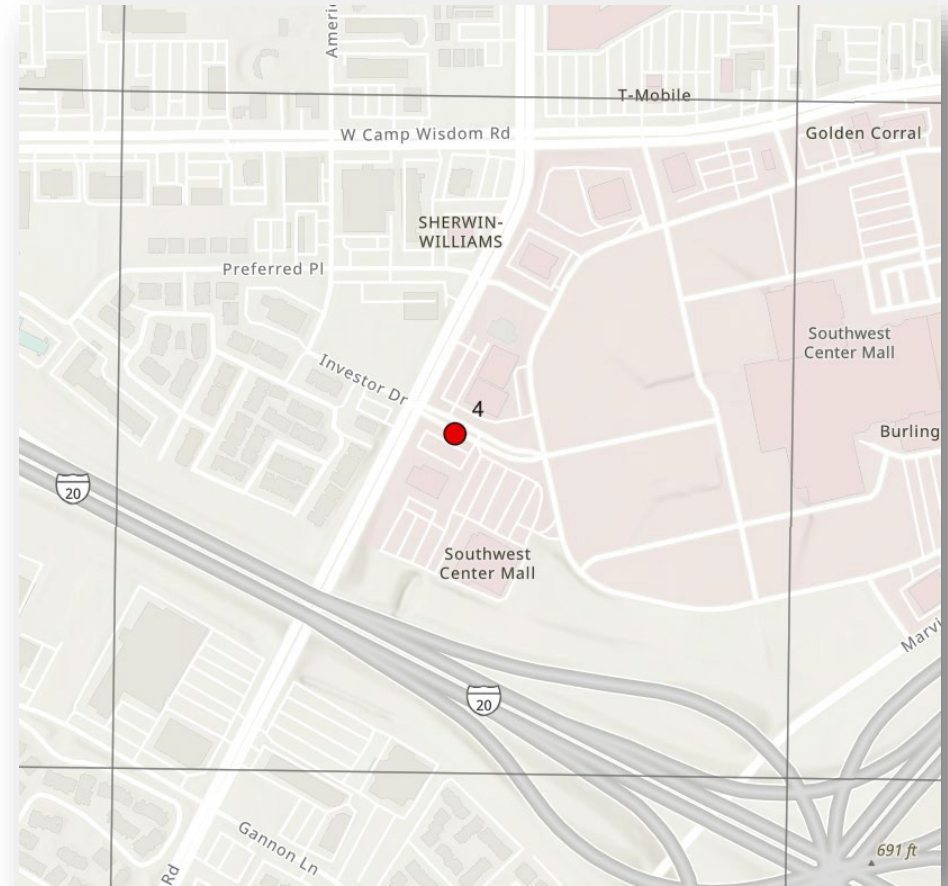
| Category Name | Scoring |
|--|-------------|
| Travel or Response Time (from proposed stations) | 5 |
| Total calls outside of established NFPA response times | 5 |
| 2045 NCTCOG Projected Population | 5 |
| Distance to nearest Station | 4 |
| Total calls outside of established NFPA response times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



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 |
| Total Score | 4.75 |



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 |
| Total Score | 4.70 |





QUESTIONS?





City of Dallas

2024 Capital Bond Program Police and Fire Needs Inventory

Public Safety Committee

June 5, 2023

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Chief Dominique Artis, Dallas Fire & Rescue Jennifer
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