



PUBLIC SAFETY

CITY OF NEW BRAUNFELS
PROPOSED
BOND 2023



PUBLIC SAFETY

Goals and objectives

- Replace the existing radio systems for the fire and police departments to ensure the system and components are reliable, functional and repairable.
- Replace the fire department's ladder truck with a new and updated apparatus that is capable to respond to the evolving developments within the city.
- Renovate Fire Station five to ensure the station remains functional, safe and meets the needs of the department and district.

Supporting factors

- Fire Departments Strategic Plan
- Insurance Services Office (ISO)
- Fire department accreditation issued by Center for Public Safety Excellence (CPSE)
- Manufacturer Support of Products
- Evolving and changing developments within the response area
- National Fire Protection Agency (NFPA) and Texas Commission on Fire Protection (TCFP)

PUBLIC SAFETY– PRIORITY FACTORS

Ensure the department remains capable to respond to emergencies and the needs of the community.

Maintain current ISO 1 standard while achieving accreditation.

PUBLIC SAFETY— PRIORITY RANKING

Priority	Project	Estimated Cost
1	Public Safety Radio Replacement	\$5,470,000
2	Ladder Truck Replacement	\$1,825,000
3	Fire Station #5 Expansion	\$1,621,000
TOTAL		\$8,916,000

1. PUBLIC SAFETY RADIO REPLACEMENT

Project objectives

- Replace radios used by Police and Fire

Project scope

- Full replacement of radio component to include base stations, hardware, portable radios, in-car radios, and accessories for both the police and fire departments.

1. PUBLIC SAFETY RADIO REPLACEMENT

Risks and constraints

The current radio equipment was purchased in 2013, typically radios have a 10-year end of life from the manufacturer. The manufacturer will no longer guarantee that service, parts or software can be supported after the end-of-life date. The City of New Braunfels has been sent the end-of-life notice by the current manufacturer (Motorola).

Estimated project costs

\$5.5M Total

2. LADDER TRUCK REPLACEMENT

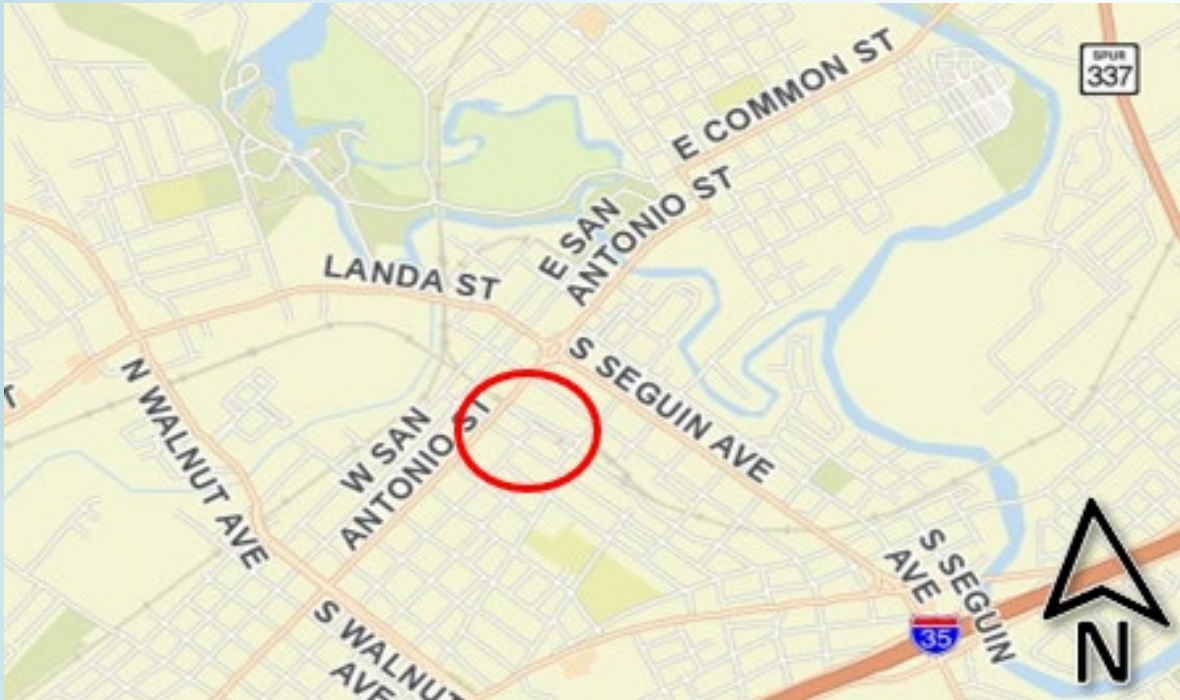
Project objectives

- Replace Ladder Truck 1

Project scope

- Retain existing ladder truck to be used as a reserve for the two-frontline apparatus
- Purchase new ladder truck with enhanced operability and safety features

2. LADDER TRUCK REPLACEMENT



Truck 1 is currently stationed at Fire Station 1, located at 169 S. Hill

2. LADDER TRUCK REPLACEMENT

Risks and constraints

- Proper equipment is needed to maintain ISO credit for current rating.
- Typically, a ladder truck should not be front-line longer than 15 years. As the age of the apparatus increases, it becomes less dependable.

Estimated project costs

\$1.8M Total

Project and preliminary design considerations

- The historic downtown district as well as new developments are often challenging to operate a large apparatus such as a ladder truck. The replacement apparatus would be configured differently in order to be more maneuverable and functional with advances in design and technology.

3. FIRE STATION #5 EXPANSION

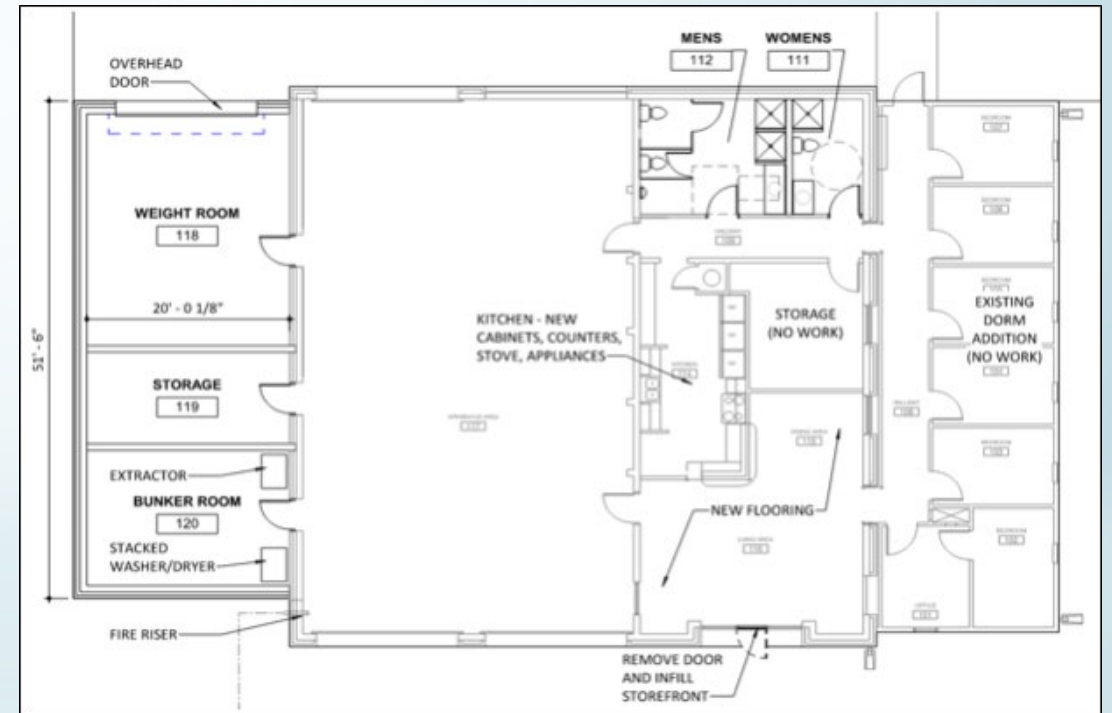
Project objectives

- Improve functionality of existing fire station

Project scope

- Securing and adding additional parking spaces.
- Building expansion to relocate equipment from the apparatus bay, thereby protecting safety equipment and allowing the apparatus to drive through as the station was designed for.
- Renovation of kitchen, men's bathroom, and living areas

3. FIRE STATION #5 EXPANSION



Fire Station 5 is located at 1250 West Countyline Rd.

3. FIRE STATION #5 EXPANSION

Risks and constraints

Fire Station must be operational for entirety of project

Estimated project costs

\$1.6M Total | \$261K Design | \$1.3M Construction | \$56K Additional Costs

Project and preliminary design considerations

- Minimal site availability for storage and staging
- Non-ideal site access

PUBLIC SAFETY

DISCUSSION

OTHER PROJECT CONSIDERATIONS?



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QUESTIONS?

