



# 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
<b>TOTAL</b>		<b>\$8,916,000</b>

# 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

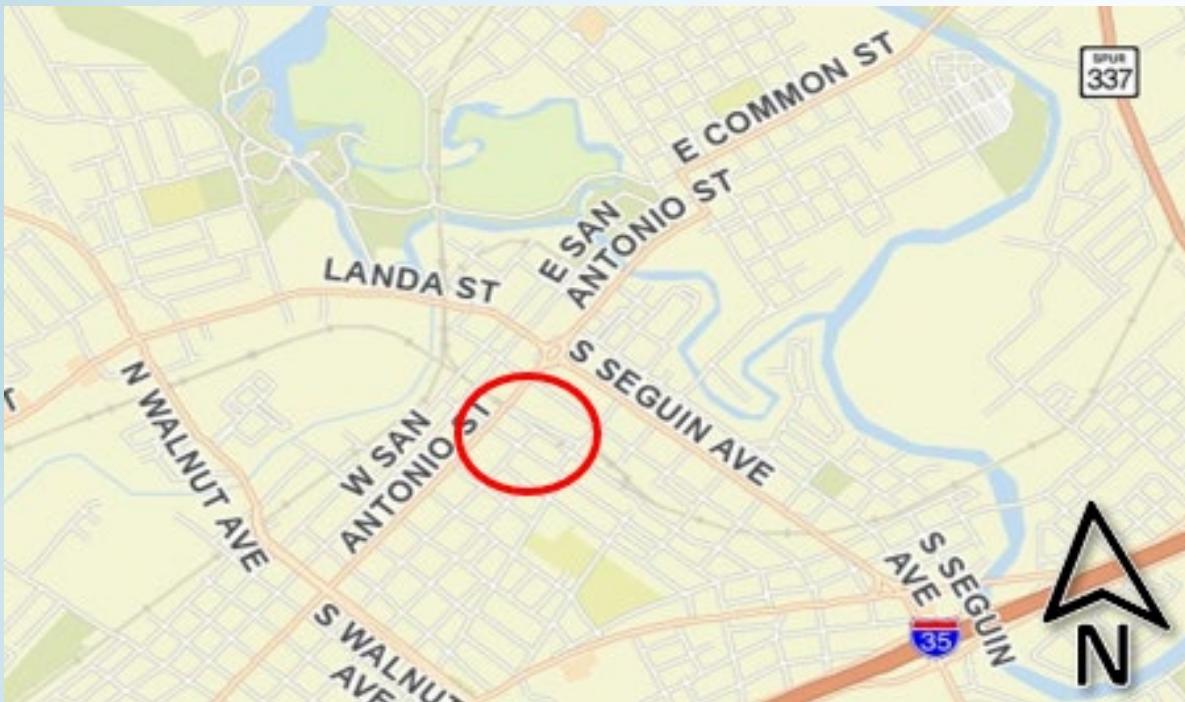
### *Project objectives*

- 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

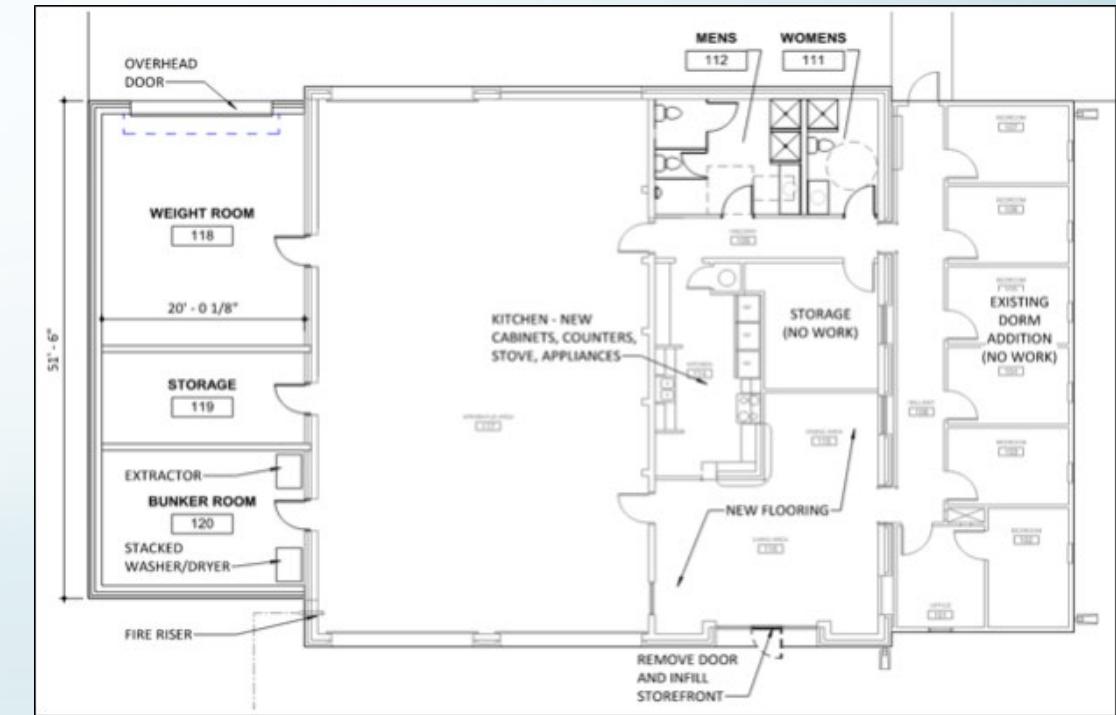
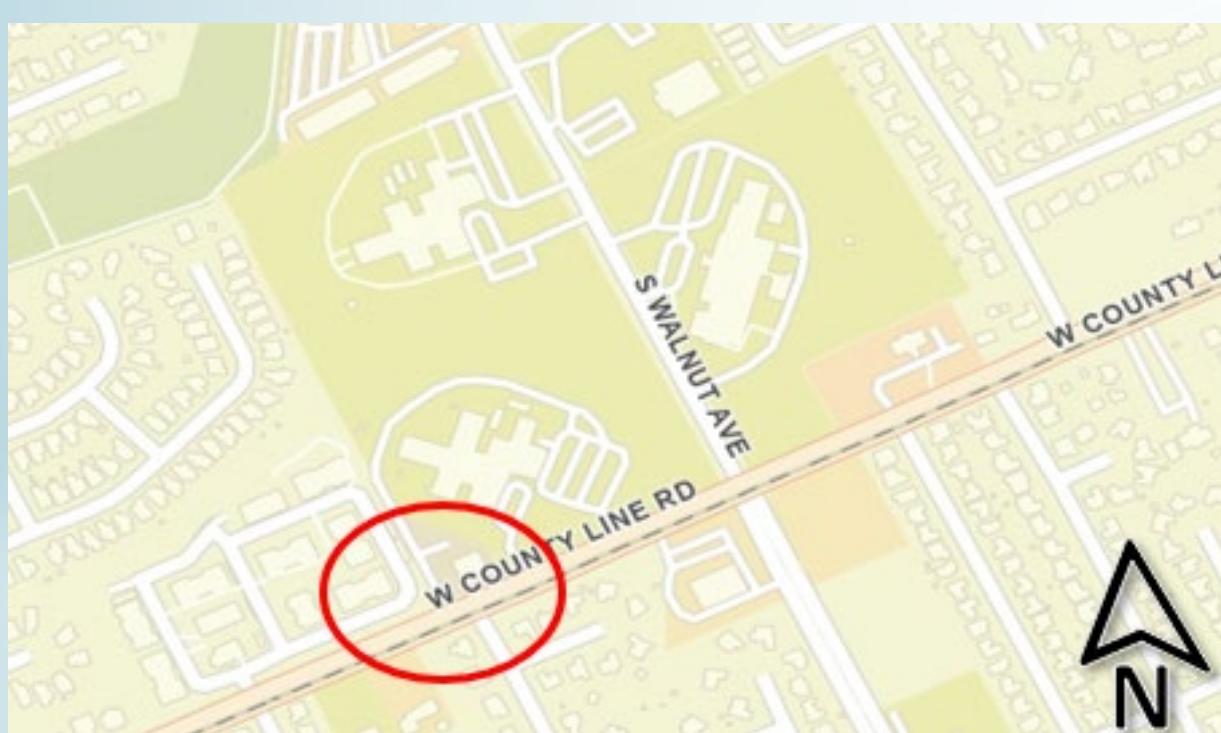
#### *Project objectives*

- 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?**

