



## Russell Farm Art Center

# WEEKLY REPORT

NOVEMBER 12, 2021

TO: MAYOR FLETCHER AND COUNCIL MEMBERS  
FROM: BRYAN LANGLEY, CITY MANAGER

THE CITY OF  
**BURLESON**  
TEXAS

MARKETING & COMMUNICATIONS  
141 W RENFRO, BURLESON, TX 76028 | (817)426-9622

# Weekly Report | November 12, 2021

## I. Council Schedule

### Meetings

**Thursday, November 18:** City Council Special Session, City Hall Council Chambers. 141 W. Renfro St., 9 a.m. The meeting will be conducted in the council chambers and is also available via live stream, <https://www.burlesontx.com/watchlive>

**Monday, December 13:** City Council Regular Session, City Hall Council Chambers. 141 W. Renfro St., 5:30 p.m. The meeting will be conducted in the council chambers and is also available via live stream, <https://www.burlesontx.com/watchlive>

### Reports & Presentations

#### November 18

- Receive a report, hold a discussion, and give staff direction regarding proposals received for 295 & 555 East Hidden Creek Parkway. (Staff Presenter: Alex Philips, Economic Development Director)
- Receive a report, hold a discussion, and provide staff direction regarding proposed changes to the Parks and Recreation Capital Improvement Program. (Staff Presenter: Jen Basham, Director of Parks and Recreation)

#### December 13

- Receive a report, hold a discussion and provide staff feedback regarding the design for improvements of Cindy Park. (Staff Presenter: Jen Basham, Director- Parks and Recreation).
- Receive a report, hold a discussion and provide staff direction regarding the design of Claudia's Playground. (Staff Presenter: Jen Basham, Director- Parks and Recreation).
- Receive a report, hold a discussion and provide staff direction on options related to the Transit Oriented Development (TOD) and Tax Increment Financing (TIF) #3 Zone. (Staff Presenter: Tommy Ludwig, Deputy City Manager).
- Receive a report, hold a discussion and provide staff direction regarding options to reduce flood impacts along Quill Miller Creek. (Staff Presenter: Michelle McCullough, Assistant Director – Public Works).
- Receive a report, hold a discussion and provide staff direction related to an update on the City's valet parking pilot program. (Staff Presenter: Alex Philips, Director - Economic Development).

## II. General Information and Status Updates

### A. Sales Tax Information

November Sales Tax Information

Below is the information from the Texas Comptroller of Public Accounts in reference to the City of Burleson Sales and Use Tax Collections for the most current period.

November 2020	November 2021	Diff \$	Diff %	FY 2020 YTD	FY 2021 YTD	Diff \$	Diff %
\$ 2,074,223	\$ 2,422,750	\$ 348,527	16.80%	\$ 19,637,644	\$ 22,818,750	\$ 3,181,106	16.19%

*Note: November sales tax amount represents sales incurred in September 2021.*

### B. Strotman named Employee of the Quarter

Angel Strotman, the City of Burleson's Employee of the Quarter, was nominated and selected for her dedication and tireless efforts in the Animal Services division.

"Angel scours websites daily to reunite families with their pets," states her nomination form. "She spends a lot of time talking with different rescue groups to place animals and attends all of the shelter's offsite adoption events. She is constantly engaging with our citizens."

Some may not realize the emotional nature of working in Animal Services, but it can take its toll. The staff sees some of the worst parts of our community. They see very sick, abused and mistreated animals. Despite those hard days, Angel continues to provide a deep level of compassion and care to anyone that walks in the Animal Shelter's door.

"She is credited with having a direct impact on the shelter's increased adoption rates," states her nomination form. "She has created backdrops and costumes for the pets to showcase them in adoption photos."

Strotman has been with the city for approximately six and a half years, starting in May of 2015 as an animal shelter technician. Just after two years, Angel was promoted to the animal shelter administrator position. Before joining the city, she volunteered at the shelter and logged over 2000 volunteer hours in one year.

She was honored during the November 8, 2021, City Council meeting. The city's employee of the quarter award is based on an employee's efficiency, transparency, honesty, innovation and customer service, all of which make up the city's



ethics statement.

**C. Bond Committee Meeting held November 10**

The fourth bond committee meeting was held on Wednesday, November 10. Committee members received presentations on the potential construction/design options for future Fire Station #4 and on the construction/design options for the expansion of the Police Department headquarters facility. Presentations can be viewed starting on page 15 or at <https://www.burlesontx.com/2361/Special-Citizens-Bond-Advisory-Committee>

**D. Mayor Vera Calvin Plaza named Best Public Improvement**



The Mayor Vera Calvin Plaza in Old Town was named the “Best Public Improvement” at the 2021 Annual Texas Downtown Association conference. A panel of judges viewed submissions from all over the state before selecting our very own Mayor Vera Calvin Plaza as the award recipient. Mayor Vera Calvin Plaza also took home the People’s Choice “Best Public Improvement” award that was based on social media votes. The award was presented to Joni Van Noy, old town administrator, at an awards gala on Thursday, November 4.

**E. Library News**

The library is looking for **craft material donations** for their holiday activities. You can drop off donations at the library by Dec. 1.

The library hosted **Teen Cooking Day** on Saturday, November 6. Participants made chocolate covered apple slices and pumpkin pretzels.



**F. Food Truck Fridays**

Parks and Recreation continues to expand their events into various portions of our community by hosting them at different parks. They launched Food Truck Fridays this past month. The events were held at Warren Park and Centennial Park, check out the photos on the [city's Flickr account](#).



**G. Economic Development Christmas Parade Float**

The City's Economic Development team (EDC) will be participating in the 2021 Christmas Parade on Saturday, December 4. The purpose of the float is to support all local businesses and invite any local business unable to participate in the parade with a float of their own. By emailing [EDC@burlesontx.com](mailto:EDC@burlesontx.com) a local business can sign up to ride in the EDC float. Tim Davis, owner of Alpha & Omega Pest Control has offered the use of his truck and trailer and will be driving in the parade for the EDC.

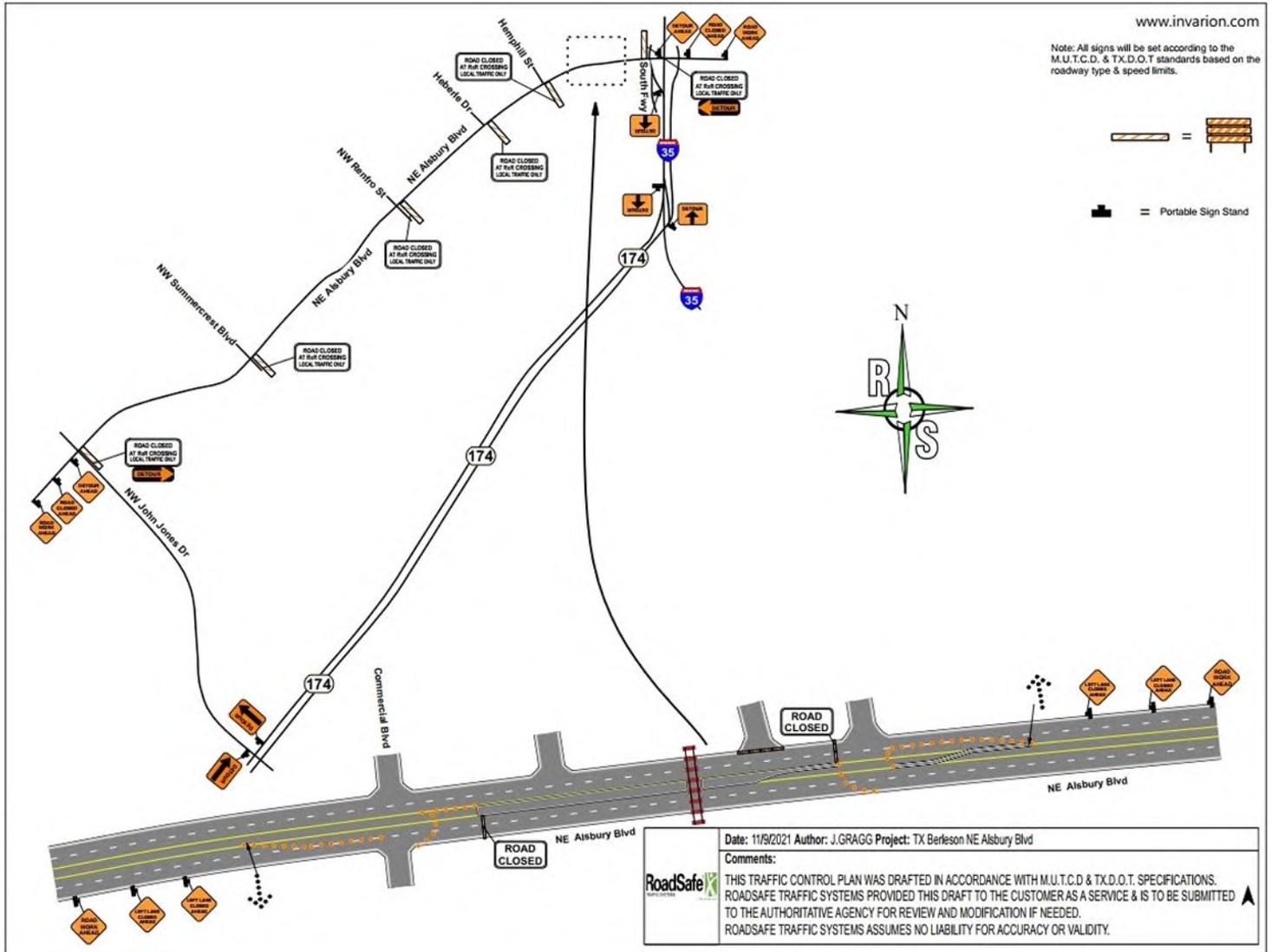
Along with festive decoration and music, the EDC team will throw gifts and goodies from the float as we celebrate the heartbeat of our community, the local businesses.



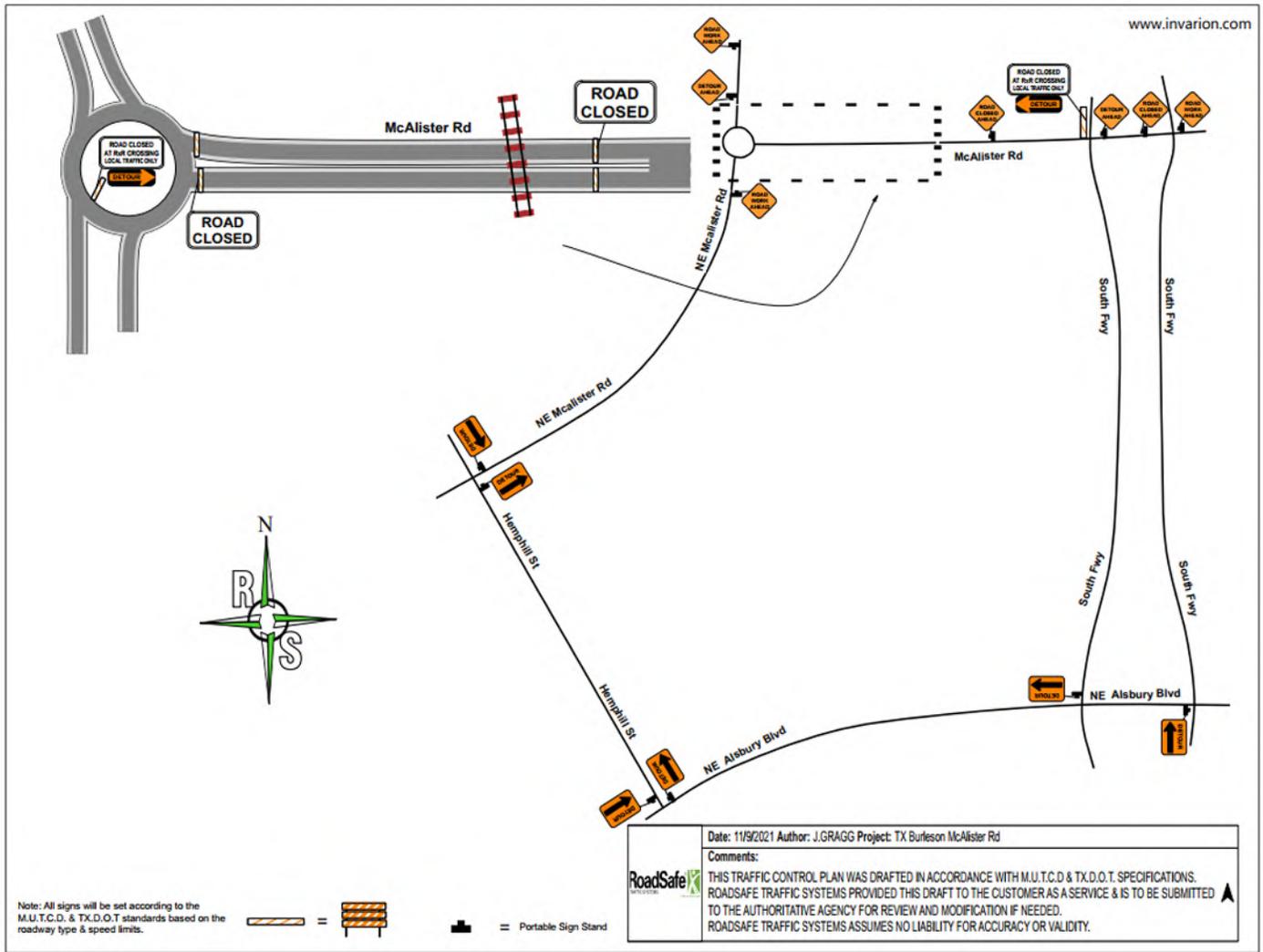
## H. Alsbury Blvd & McAlister Road railroad crossing maintenance

Union Pacific will be closing Alsbury Boulevard at the railroad crossing for track maintenance on Wednesday, November 17. The next day, Thursday, November 18, Union Pacific will move to the railroad crossing at McAlister Road and it will be closed for maintenance. The closures will occur from 7 a.m. to 4 p.m. each day.

**Alsbury Crossing Detour Map:** The detour will have drivers going to NW John Jones Drive and Wilshire Boulevard.

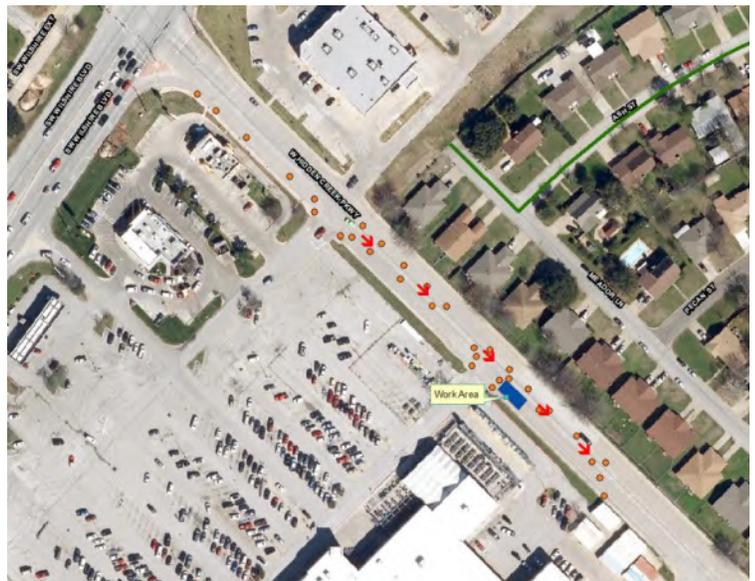


**McAlister Crossing Detour Map:** The detour will have drivers going to I-35 service road, NE Alsbury Boulevard and Hemphill Street.



**I. Hidden Creek Roadway Repair**

Beginning 11/15/21 the Street Department will be shifting the eastbound traffic lanes in the 900 block of W Hidden Creek Parkway to the center turn lane for a roadway repair. Weather permitting we estimate to have the road re-open by Monday 11/22/21.



## **J. On-Street Parking of Recreational Vehicles**

At the November 8 city council meeting, a resident raised a concern during public comments associated with the on-street parking of recreational vehicles. The resident indicated that the city had revised its ordinance reducing the time a recreational vehicle was allowed to park on a residential street, from 72 hours to 24 hours. They would like to see the limit re-established at a maximum of 72 hours.

On-street parking restrictions are addressed in Chapter 78, Traffic and Vehicles, in the City's Code of Ordinances.

Chapter 78 was last revised on July 18, 2016, at the council's request to address parking enforcement regulations in TxDOT right-of-way. Before 2016, Chapter 78 was last modified in 1983, and city staff determined that revisions were needed throughout the ordinance. Through that process, Section 78-42 was revised to state that a passenger car may not be parked on a residential city street for longer than 24 hours. A passenger car is defined as a motor vehicle used to transport persons and designed to accommodate ten or fewer passengers.

On-street parking restrictions were reduced to 24 hours, in part, to ensure emergency response vehicles could easily maneuver residential streets in the event of an emergency. While on-street parking for passenger cars, including recreational vehicles, is limited to 24 hours, recreational vehicles are permitted to be parked on private property under Section 134-115, Special Off-Street Parking Requirements, of the City's Code of Ordinances. Section 134-115 states that a boat or recreational vehicle may be parked or stored on residential premises, provided that the boat or recreational vehicle is at least ten feet from any property line.

Please note that Section 78-66, Stopping, Standing, or Parking Prohibited in Certain Places, of the City's Code of Ordinances requires that such vehicles be parked on hard paved surfaces or asphalt.

Please notify city staff if there are any questions related to the parking requirements associated with the on-street parking of recreational vehicles.

## **K. Feel Good Friday**

The Library's Kindness Club decorated placemats for Meals on Wheels recipients. Ms. Becky dropped off the placemats this week so they could be used for the upcoming holiday.



### III. Upcoming Road Construction/Closures

<b>UPCOMING ROAD CONSTRUCTION / CLOSURES</b>			
<b>Projects &amp; Limits</b>	<b>Current Status</b>	<b>Traffic Affected</b>	<b>Estimated Completion</b>
Turkey Peak Ground Storage Tank Construction & Brushy Mound Tank Demolition at existing City Facilities	General Contractor is at both Turkey Peak and Brushy Mound Sites.	Intermittent construction traffic to and from both sites. Anticipated Routes include: NW Renfro, SW Brushy Mound Rd, SW Alsbury Blvd, NW Summercrest Blvd, Nicole Dr & NW Jayellen Ave.	Fall 2021
Irene/Gardens Safe Routes to School	Construction Underway	Outside lanes of Irene will be closed in areas of construction. Closures to move with construction progress.	November 2022
Neighborhood Street Rebuild (Full Utility and Pavement Rebuild for Red Oak Court, NW Wood Drive, Smith Street & portions of S Dobson Street)	Smith Street, Wood Street & Red Oak Court is under construction.	Affected streets may require temporary detours or flaggers during daytime construction. Access to homes will be maintained.	February 2022
Northwest Hillery Street pavement repairs (warranty work)	Construction completed.		Completed
McNairn Alley pavement repairs (warranty work)	Work anticipated to begin mid-November	McNairn Alley will be temporarily closed to through traffic. Detour signage will be provided.	One week after starting

### IV. Events

- **Dog Park Groundbreaking**  
 Date: November 12  
 Time: 10 a.m.  
 Location: 620 Memorial Plaza
- **Military Veterans Tribute**  
 Date: November 13  
 Time: 2 p.m.  
 Location: Veterans Memorial Park, 298 E Renfro St

- **Breakfast with Santa**  
Date: December 4  
Time: 7-11 a.m.  
Location: Russell Farm Art Center, 405 W. County Road 714
- **Christmas at the Library**  
Date: December 4  
Time: 10 a.m. – 1 p.m.  
Location: Burleson Public Library, 248 SW Johnson Ave.
- **Nights of Lights**  
Date: December 4, 5, 10 & 11  
Time: 6 – 8 p.m.  
Location: Russell Farm Art Center, 405 W. County Road 714
- **Christmas Parade, Tree Lighting and Fireworks**  
Date: December 4  
Time: 6 – 8:30 p.m.  
Location: Old Town Burleson
- **Christmas Craft Fair**  
Date: December 11  
Time: 9 a.m. – 2 p.m.  
Location: Senior Activity Center, 216 SW Johnson Ave.
- **Christmas on the Farm**  
Date: December 11  
Time: 10 a.m. – 4 p.m.  
Location: Russell Farm Art Center, 405 W. County Road 714

V. **Attachments**

- Burleson CARES internal newsletter.....page 11
- Citizens Bond Committee Presentations.....page 15

# BURLESON C.A.R.E.S.

Citizens • Appreciate • Remarkable & Excellent • Service

## *In This Issue*

**City of Burleson  
December 2021  
Event Calendar**

**Welcome Aboard  
New Employees**

**Employee of the  
Quarter Officer  
Andrea Evans**

## **Communications Department**

DeAnna Phillips  
*Director*

Collin Gregory  
*Communications Coordinator*

Christina Brinkman  
*Communications Coordinator*



## **New Fire Station Opens to Serve the Public**

A grand opening was held on October 23 for Station 16, 250 Hidden Creek Parkway. Station 16 is 14,000 square feet and will house ten firefighters. The three-bay station will have room for one aerial quint, one squad vehicle and a highway blocking vehicle when at full capacity. The new fire station also includes a fully operational modern emergency operations center and a state-of-the-art alerting system that will help to reduce call processing and response times.

At the ceremony, Chief K.T. Freeman unveiled the graphics displaying 'The Legend,' in honor of Dawson Barnes, as the name of the fire apparatus to be housed at Station 16. In August 2019, Barnes was a Centennial High School senior when he was tragically killed in an automobile accident at what would be the future site of the new fire station.

Fire Station 16 replaced Fire Station 2, built in 1995 and located at 620 Memorial Plaza. The new location will offer quick access to I-35W, providing enhanced response capabilities to the city's southern border.



## CHARACTERISTICS OF A SERVANT LEADER

*Successful servant leadership starts with a leader's desire to serve his or her staff, which in turn serves and benefits the organization at large.*

### **Listening**

Hearing both the words and the hearts of others.

### **Empathy**

Engaging openly with others to better understand their perspectives.

### **Healing**

Promoting wholeness and transformation to help people become the best they can be.

### **Conceptualization**

Envisioning the future and communicating so that others can understand and work toward making the vision a reality.

### **Foresight**

Learn from the past, consider the reality of the present, and think of the consequences of upcoming decisions.

### **Awareness**

Awareness of self, others and our environment, and acting upon what we know is the right thing to do.

### **Persuasion**

Inspiring commitment to the cause rather than forcing mere compliance through positional authority.

### **Stewardship**

Understanding both short term and long term implications of decisions and the impact they have on the greater good.

### **Growth of Others**

Developing your team at all levels and helping each of them reach their fullest potential.

### **Building Community**

Fostering a strong sense of shared engagement and commitment to the team as a whole.

## Animal Shelter breaks ground on expansion

On October 22, 2021, the Burluson Animal Shelter broke ground on the new isolation area which will help decrease exposure and minimize the spread of disease among animals at the shelter. Construction is expected to be complete in 2022.



## Employees participate in cleanup day

The Environmental Services Department organized another great City of Burluson Employee Clean-Up event. 30 employees participated and a total of 55 bags, 3 tires, and various bulky items were collected - an estimated weight of 861 pounds. A big thanks to all the employees who volunteered and to In-and-Out Burger who provided lunch.

## WELCOME ABOARD!

*Join us in welcoming these employees to the team*

- Travis Attanasio - Senior Civil Engineer
- Kevin Smith - Police Officer
- Sammie Kelly - Registered Nurse
- Jessica Jackson - COVID Medical Professional
- Sonia Leal - COVID Medical Professional
- Shannaon Smith - COVID Medical Professional
- Ryan Chappell - COVID Medical Professional
- Hannah Pazos - Lead Customer Service Attendant
- Kelly Sowell - Lead Customer Service Attendant
- Colleen King - Customer Service Attendant
- William Dounley - Customer Service Attendant
- Jacquelyn Spann - Customer Service Attendant
- Melissa Campbell - Customer Service Attendant
- Niccole Crutchfield - Customer Service Attendant
- Sylvester Del Bosque - Facilities Maintenance Tech I
- Claudia Soto - Recreation Instructor
- Lauren Chavez - Lifeguard
- Joshua Carpenter - Meter Technician I
- Stephen Meyer - Building Inspector
- James Rogge - Traffic Engineer
- Harvey Saeed - Public Service Recruit
- Matthew Stoner - Public Service Recruit
- Hayden Kinkel - Public Service Recruit
- Leyla Alkanat - Public Service Recruit
- Sam Pewsey - Public Service Recruit
- Colten Martin - Public Service Recruit
- Cesar Rameno - Utility Crew Leader
- Garry Howard - Russell Farm Attendant
- Michael Holder - Utility Worker I
- Sylvester Key, Justin Moss - Cart Barn Attendant
- Jaime Copeland - Golf Cart Attendant
- Brandon Ramon - Groundskeeper
- Hannah Ingraham - Food and Beverage Attendant
- Shawn Nottage - Kennel Technician
- Bobby Clore - Street Maintenance Worker I
- Hunter Jacobs - Utility Worker I



**Employee of  
the Quarter**  
**Andrea Evans**  
Police Officer

**CONGRATULATIONS OFFICER EVANS**

**DECEMBER**

- Dec. 4**  
Breakfast with Santa, 7 - 11 a.m., Russell Farm Art Center
- Dec. 4**  
Christmas at the Library, 10 a.m. - 1 p.m., Burleson Public Library
- Dec. 4**  
Christmas Parade, Tree Lighting and Fireworks, 6 - 8:30 p.m., Mayor Vera Calvin Plaza
- Dec. 4 - 5 & 10 - 11**  
Nights of Lights, 6 - 8 p.m., Russell Farm Art Center
- Dec. 11**  
Christmas Craft Fair, 9 a.m. - 2 p.m., Burleson Senior Center
- Dec. 11**  
Christmas at the Farm, 10 a.m. - 4 p.m., Russell Farm Art Center



*Christmas at the Farm*

**SHARE THE LOVE**

Are one of your co-workers doing a great job and you think they should be recognized in the C.A.R.E.S. newsletter? Send us their story: [cstaton@burlesontx.com](mailto:cstaton@burlesontx.com)



# Burleson Police Department

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Bond Committee Presentation 11.10.2021

Chief Billy J. Cordell

# Process Overview

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- Existing facility
  - Heavy or light renovation options
  - Fire suppression
- New addition
  - Approximately 23,000 square feet
  - Large number of staff, including 24/7 staff
  - Requires “hardening” standards
  - Increased costs
- Support facility
  - Separate from new addition facility
  - Temporary staff occupying
  - Reduces costs

# Process Overview

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- High level view of space needs
- Does not define exact space for each area
- Provides estimated cost for renovation
- Includes escalation costs
- Includes FFE (fixtures, furniture, equipment)
- Includes costs to relocated a 12" gas line that limits construction area
- Includes add-alternates for many of the spaces
- Considers a master-plan for the space to add future space

# Space Needs Assessment Results

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•Police Department Operational Needs	<b>47,000 SF *</b>	
• Patrol	7,200 SF *	
• Investigations	6,800 SF *	
• Administration	4,600 SF *	
• Property & Evidence	4,450 SF *	
• Records	2,000 SF *	
• Ancillary Spaces	15,300 SF *	
•Training Center	8,000 SF *	
•Communications/Dispatch	3,000 SF *	
•Holding/Detention	3,000 SF *	
•Support Building	8,000 SF *	
•Total Square Feet Needed by Department	<b>69,000 SF</b>	<b>* Does not include circulation</b>

# Training Center- Partial Option

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- Approximately 3500 square feet
- Multi-purpose room
- Break out space
- Storage
- Kitchen/ breakroom
- Shared space for:
  - Classroom
  - Simulator
  - Defensive tactics
  - Does not allocate work-out space
  - Does not include media center

# Training Center- Full Option

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- Approximately 8,000 square feet
- Classroom space- two rooms to accommodate approximately 100 people (50 each)
- Current training components separated
  - Use of force training simulator
  - Defensive tactics
  - Media center
  - Computer lab
- Physical workout area
- Breakout space
- Kitchen/ Breakroom
- Office space, bathrooms, lockers, and showers

# BPD Staff/ Use of Force

## •Training academy

- 8 cadets + 2 vacancies

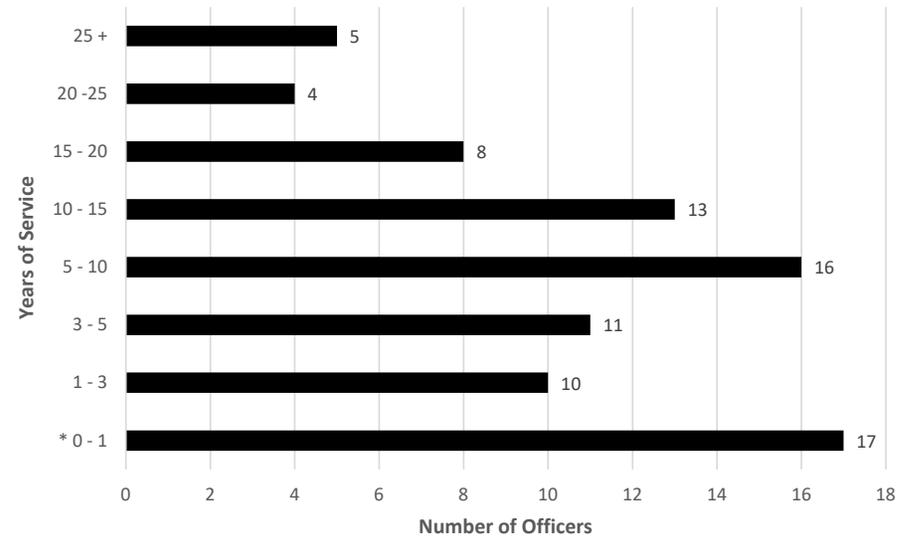
## •Patrol (84 Authorized Sworn Positions)

- 17 officers (20%) – less than 1 year experience
- 38 officers (45%) – less than 5 years experience
- 29 officers (35%) – 5 to 15 years experience
- 12 officers (14%) – 15 to 25 years experience
- 5 officers (6%) – 25 + years experience

## •Use of Force

- 3 officers shot in the past 7 years
- 2018-2020 – 357 times we displayed firearms
- 2018-2020 – 17 CEW discharges, 90 displayed
- 2018-2020 – 277 weaponless force options utilized

Officer Tenure with BPD in Years

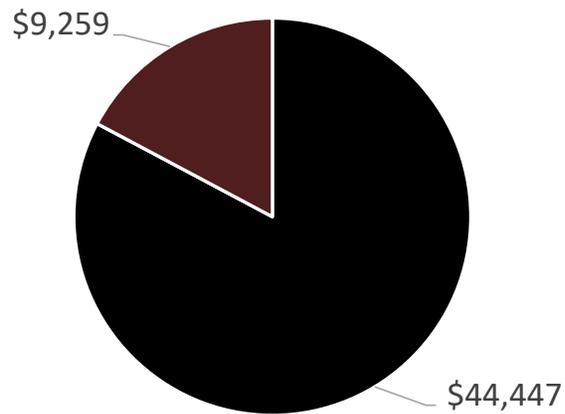


\* Includes 8 Cadets & 2 vacancies

# Training Expenses

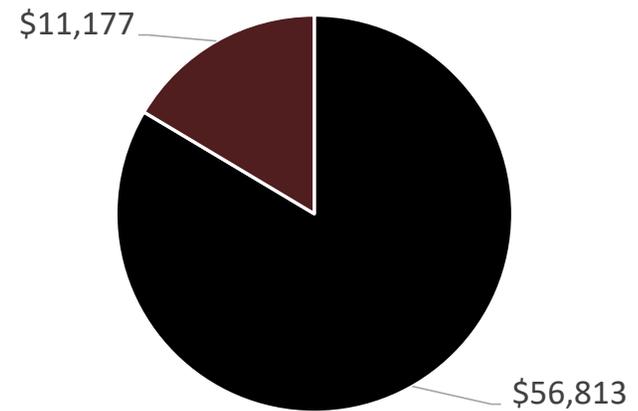
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**Fiscal 2018-19**  
Training Total \$53,706



■ Training Costs ■ Travel Costs

**Fiscal 2019-20**  
Training Total \$67,990



■ Training Costs ■ Travel Costs

# Communications Center

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- Renovation of existing space
  - Renovate and expand into the adjacent area occupied by chief, admin, etc.
  - Allocates 1800 total square feet
  - The space is not hardened to meet Florida hurricane standards with limited back-up options
- Move to new facility
  - 3,000 square feet
  - Hardened to meet Florida hurricane standards
  - Allocates 8 additional consoles plus 2 training consoles
  - Conference area
  - Manager/ supervisor offices
  - Breakroom
  - Restrooms

# Support Building

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- Partial support option- 4500 square feet
  - Property/ evidence drop & large evidence room
  - K-9 space
  - Drone space
  - Bike patrol space
  - Traffic office/ space
  - SWAT space
  - Honor Guard space
  - Storage
- Full support option- 8,000 square feet
  - Includes all above plus adds additional space for parking specialty vehicles inside (garage)

# Booking/ Holding Facility

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- No holding facility at current building- contract with Mansfield PD
- Adds 2913 square feet (16 people max)
  - Sally-port
  - 2 security vestibules
  - Booking counter
  - Blood draw room
  - Intoxication cells (2) capable of 3-4 people each
  - Holding cells (4) capable of 1-2 people each
  - Secure interview rooms
  - Property storage
  - Staff offices
  - Restrooms

# Administrative Space- 4,550 SF

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## Personnel

- Phase-in five lieutenants by 2024-25- we do not have office space for these positions
- Additional command staff as organization grows

## Space Needs

- Future offices for Deputy Chief, Captain, Administrative Assistant
- Significant storage needs
- Large conference space

# Parking Needs

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## Current parking spaces

- Total parking space- 151

## Need based on five year plan

- Total parking space- 190

## Need based on ten year projection

- Total parking space- 236

**POLICE HEADQUARTERS  
OPERATIONAL SPACE NEEDED**

**≈ 47,000 SF**

**EXISTING POLICE HEADQUARTERS TO BE RENOVATED**

**24,000 SF**

**ADDITIONAL SPACE NEEDED**

**23,000 SF**

POLICE HEADQUARTERS  
**PROJECT OPTIONS**

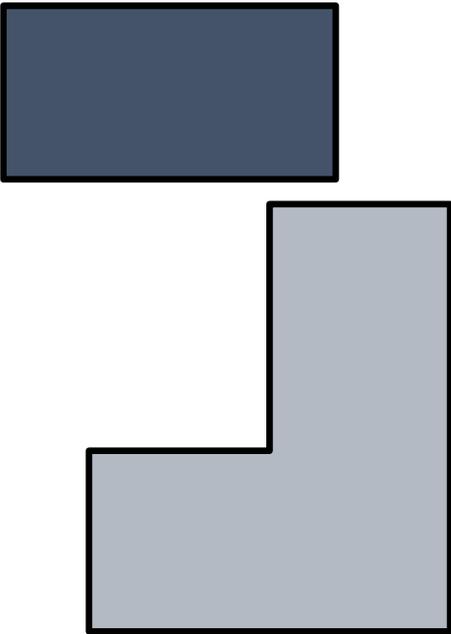
OPTION A

OPTION B

OPTION C

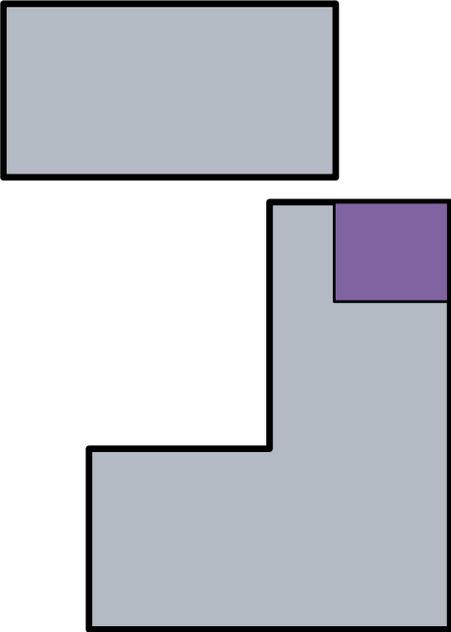
OPTION D

# OPTION A



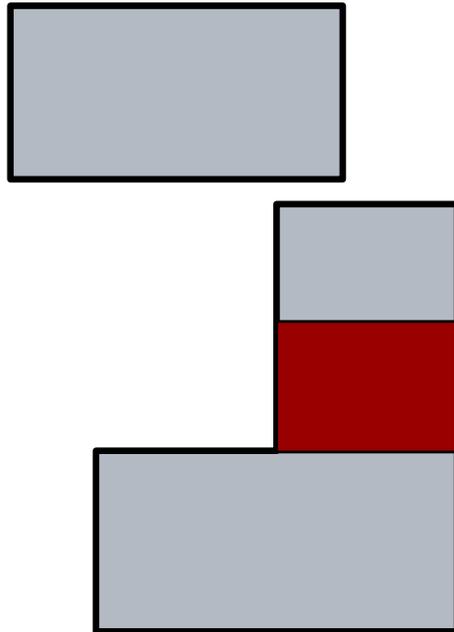
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
EXISTING HQ RENOVATION	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	

# OPTION A



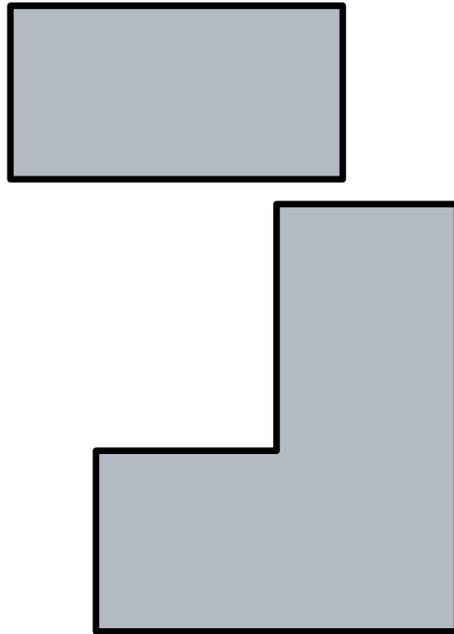
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<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<b>TRAINING CENTER</b>	3,500	\$1,363,368	
<input checked="" type="checkbox"/> <b>MULTIPURPOSE ROOM (Training/Community)</b>	3,500	\$1,363,368	<ul style="list-style-type: none"> <li>Multipurpose Room (Training/Community)</li> <li>Breakout Space</li> <li>Training Storage</li> <li>Catering Kitchen / Breakroom</li> </ul>

# OPTION A



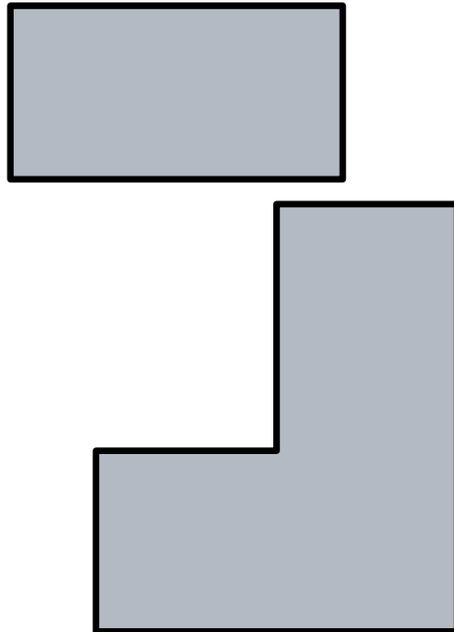
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<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<b>TRAINING CENTER</b>	3,500	\$1,363,368	
<input checked="" type="checkbox"/> MULTIPURPOSE ROOM (Training/Community)	3,500	\$1,363,368	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	<ul style="list-style-type: none"> <li>Hardened to meet Florida Hurricane Standards</li> <li>Depressed Concrete structure</li> <li>Dispatch</li> <li>Dispatch Admin</li> <li>Break Room / Locker Area</li> <li>QA / Training Coordinators</li> <li>Restrooms</li> <li>Quiet / Counseling / Recovery Room</li> <li>Training Room</li> <li>Storage</li> <li>Work/Copy</li> <li>IT/Server</li> <li>Supervisors</li> <li>Staff Window</li> <li>Conference Room</li> </ul>

# OPTION A



PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<b>TRAINING CENTER</b>	3,500	\$1,363,368	
<input checked="" type="checkbox"/> MULTIPURPOSE ROOM (Training/Community)	3,500	\$1,363,368	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> 190 Secured Parking Spaces (5 yr Projection)		\$3,010,528	
<input checked="" type="checkbox"/> Relocate Gas Line		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> (x40) Covered Parking Spaces		\$145,000	
<input checked="" type="checkbox"/> (x25) EV Charging Stations		\$562,500	
<input checked="" type="checkbox"/> 1000 kw Generator & Keep 400 kw Generator		\$650,000	

# OPTION A



PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<b>TRAINING CENTER</b>	3,500	\$1,363,368	
<input checked="" type="checkbox"/> MULTIPURPOSE ROOM (Training/Community)	3,500	\$1,363,368	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> 190 Secured Parking Spaces (5 yr Projection)		\$3,010,528	
<input checked="" type="checkbox"/> Relocate Gas Line		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> (x40) Covered Parking Spaces		\$145,000	
<input checked="" type="checkbox"/> (x25) EV Charging Stations		\$562,500	
<input checked="" type="checkbox"/> 1000 kw Generator & Keep 400 kw Generator		\$650,000	
Sub Total - Chosen Program Element Options	30,500	\$3,954,559	
+ Sub Total - Police HQ Addition (CCL)	23,000	\$7,679,240	
+ Sub Total - Site		\$4,618,028	
<b>= DIRECT CONSTRUCTION COST</b>	<b>53,500</b>	<b>\$16,251,827</b>	
+ Design Contingency (5% Direct Cost)		\$900,000	
+ CMAA General Conditions/Overhead (8% of Direct Cost)		\$1,400,000	
+ CMAA Fee (5% of Direct Cost)		\$900,000	
<b>= TOTAL CONSTRUCTION COST LIMIT (CCL)</b>	<b>-</b>	<b>\$19,451,827</b>	
+ Owner Costs Outside of Construction (25% of CCL)		\$4,900,000	
<b>= TOTAL PROJECT COST</b>	<b>53,500</b>	<b>\$24,351,827</b>	
<b>PROJECTED PROJECT BUDGET</b>		<b>\$30,439,784</b>	
w/ Escalation (25%/yr - 60 months to midpoint)			

POLICE HEADQUARTERS  
**PROJECT OPTIONS**

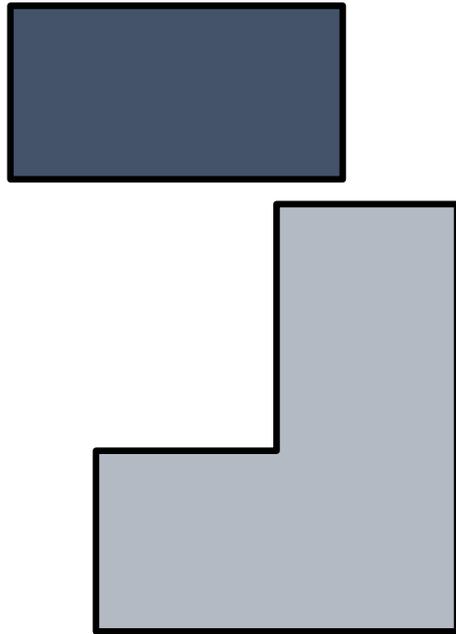
OPTION A

OPTION B

OPTION C

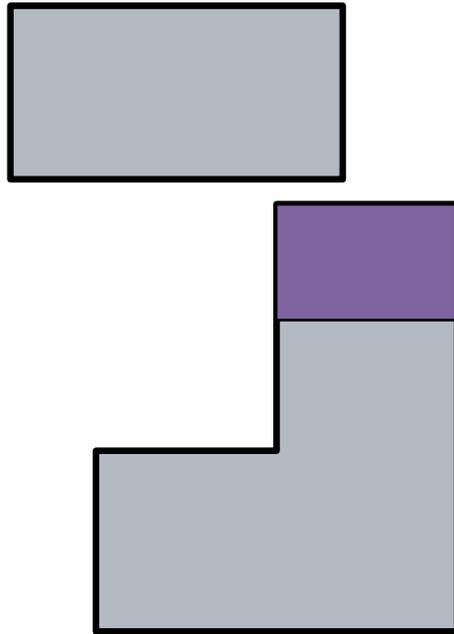
OPTION D

# OPTION B



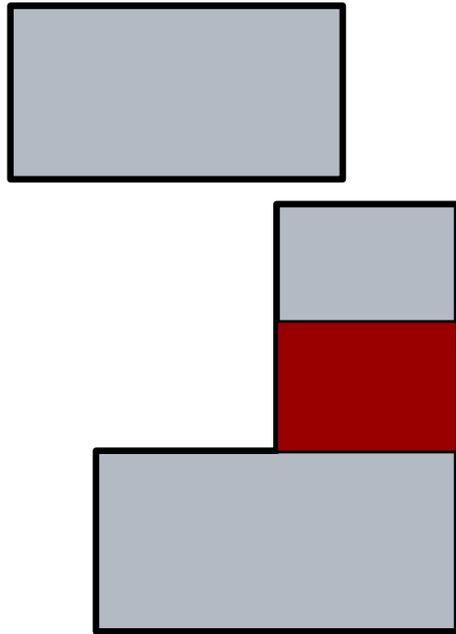
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
EXISTING HQ RENOVATION	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	

# OPTION B



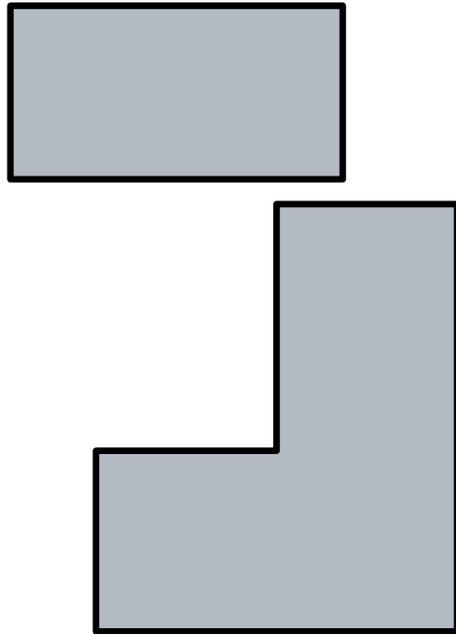
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<input checked="" type="checkbox"/> EXISTING HQ RENOVATION	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	<ul style="list-style-type: none"> <li>Public Entry/Reception/Check-in</li> <li>Conference Room/Private Room</li> <li>Conference Room/Private Room</li> <li>Training Room</li> <li>Large Men's / Women's RRs</li> <li>Breakout Space</li> <li>Training Storage</li> <li>Defensive Tactics Training Area</li> <li>Sim-Munitions/VR Booth</li> <li>Catering Kitchen / Breakroom</li> <li>Locker Room/Secure Valuables</li> <li>Unisex RR/Shower</li> <li>Training Coordinator Office</li> <li>Training Coordinator Office</li> <li>Training Coordinator Copy/Work/Files</li> <li>Training Coordinator Storage</li> </ul>

# OPTION B



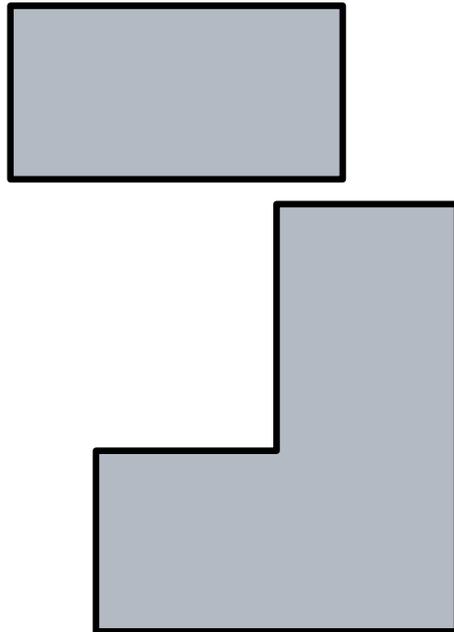
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<input checked="" type="checkbox"/> EXISTING HQ RENOVATION	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<input checked="" type="checkbox"/> COMMUNICATIONS	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	<ul style="list-style-type: none"> <li>Hardened to meet Florida Hurricane Standards</li> <li>Depressed Concrete structure</li> <li>Dispatch</li> <li>Dispatch Admin</li> <li>Break Room / Locker Area</li> <li>QA / Training Coordinators</li> <li>Restrooms</li> <li>Quiet / Counseling / Recovery Room</li> <li>Training Room</li> <li>Storage</li> <li>Work/Copy</li> <li>IT/Server</li> <li>Supervisors</li> <li>Staff Window</li> <li>Conference Room</li> </ul>

# OPTION B



PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> 190 Secured Parking Spaces (5 yr Projection)		\$3,010,528	
<input checked="" type="checkbox"/> Relocate Gas Line		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> (x40) Covered Parking Spaces		\$145,000	
<input checked="" type="checkbox"/> (x25) EV Charging Stations		\$562,500	
<input checked="" type="checkbox"/> 1000 kw Generator & Keep 400 kw Generator		\$650,000	

# OPTION B



PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<input checked="" type="checkbox"/> EXISTING HQ RENOVATION	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<input checked="" type="checkbox"/> COMMUNICATIONS	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<input checked="" type="checkbox"/> SITE	-	\$4,618,028	
<input checked="" type="checkbox"/> 190 Secured Parking Spaces (5 yr Projection)		\$3,010,528	
<input checked="" type="checkbox"/> Relocate Gas Line		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> (x40) Covered Parking Spaces		\$145,000	
<input checked="" type="checkbox"/> (x25) EV Charging Stations		\$562,500	
<input checked="" type="checkbox"/> 1000 kw Generator & Keep 400 kw Generator		\$650,000	
Sub Total - Chosen Program Element Options		35,000	\$5,707,460
+ Sub Total - Police HQ Addition (CCL)		23,000	\$7,679,240
+ Sub Total - Site			\$4,618,028
<b>= DIRECT CONSTRUCTION COST</b>		<b>58,000</b>	<b>\$18,004,728</b>
+ Design Contingency (5% Direct Cost)			\$1,000,000
+ CMAA General Conditions/Overhead (8% of Direct Cost)			\$1,500,000
+ CMAA Fee (5% of Direct Cost)			\$1,000,000
<b>= TOTAL CONSTRUCTION COST LIMIT (CCL)</b>		<b>-</b>	<b>\$21,504,728</b>
+ Owner Costs Outside of Construction (25% of CCL)			\$5,400,000
<b>= TOTAL PROJECT COST</b>		<b>58,000</b>	<b>\$26,904,728</b>
<b>PROJECTED PROJECT BUDGET</b>			<b>\$33,630,910</b>
w/ Escalation (25%/yr - 60 months to midpoint)			

POLICE HEADQUARTERS  
**PROJECT OPTIONS**

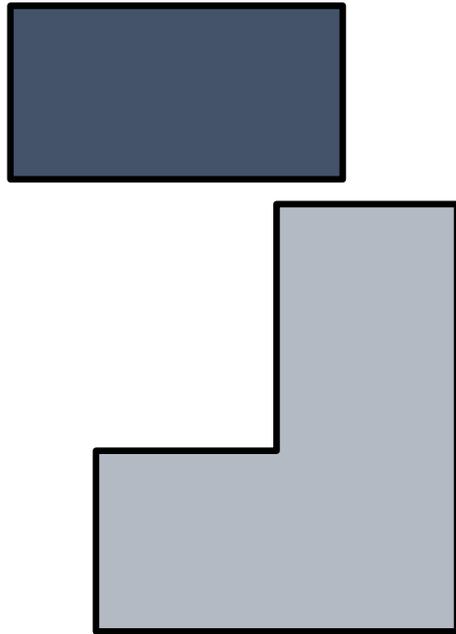
OPTION A

OPTION B

OPTION C

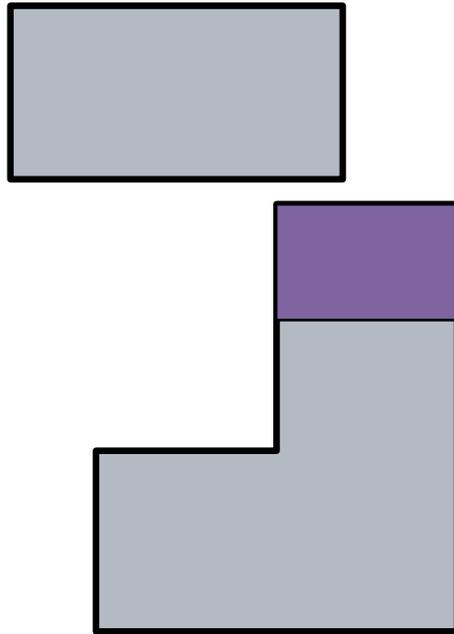
OPTION D

# OPTION C



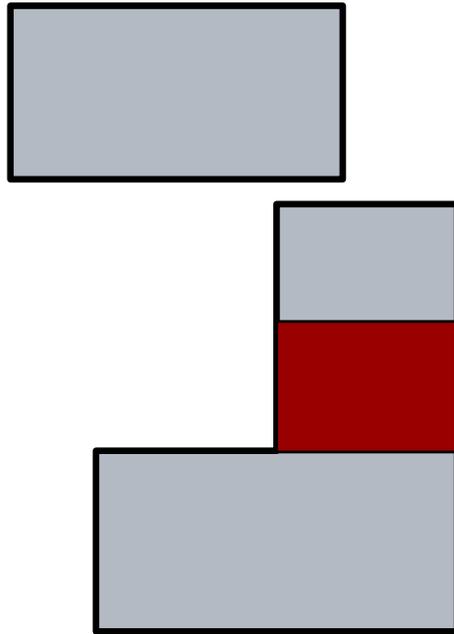
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
EXISTING HQ RENOVATION	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	

# OPTION C



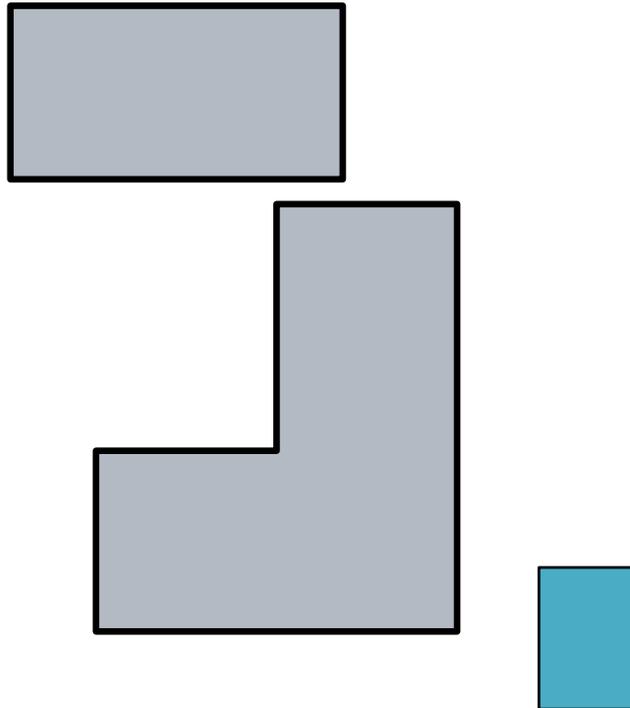
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	<ul style="list-style-type: none"> <li>Public Entry/Reception/Check-in</li> <li>Conference Room/Private Room</li> <li>Conference Room/Private Room</li> <li>Training Room</li> <li>Large Men's / Women's RRs</li> <li>Breakout Space</li> <li>Training Storage</li> <li>Defensive Tactics Training Area</li> <li>Sim-Munitions/VR Booth</li> <li>Catering Kitchen / Breakroom</li> <li>Locker Room/Secure Valuables</li> <li>Unisex RR/Shower</li> <li>Training Coordinator Office</li> <li>Training Coordinator Office</li> <li>Training Coordinator Copy/Work/Files</li> <li>Training Coordinator Storage</li> </ul>

# OPTION C



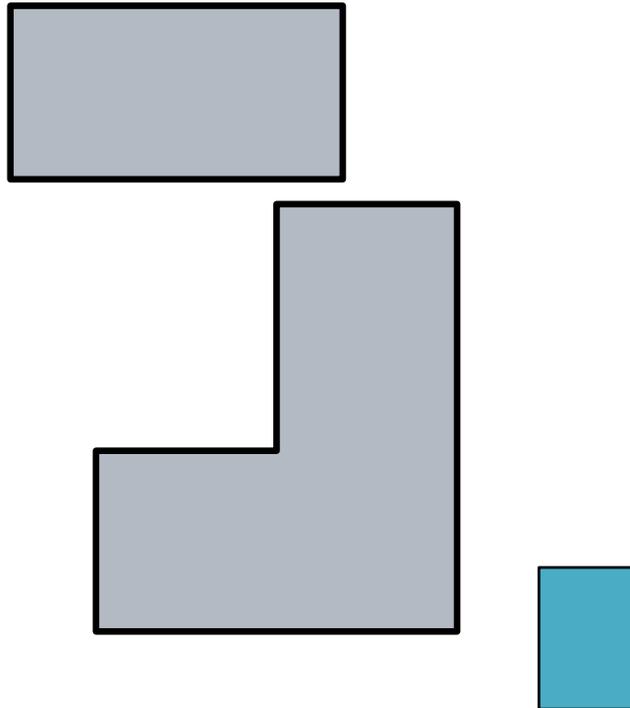
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	<ul style="list-style-type: none"> <li>Hardened to meet Florida Hurricane Standards</li> <li>Depressed Concrete structure</li> <li>Dispatch</li> <li>Dispatch Admin</li> <li>Break Room / Locker Area</li> <li>QA / Training Coordinators</li> <li>Restrooms</li> <li>Quiet / Counseling / Recovery Room</li> <li>Training Room</li> <li>Storage</li> <li>Work/Copy</li> <li>IT/Server</li> <li>Supervisors</li> <li>Staff Window</li> <li>Conference Room</li> </ul>

# OPTION C



PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<b>SUPPORT BUILDING</b>	4,500	\$1,627,375	
<input checked="" type="checkbox"/> PARTIAL SUPPORT BUILDING	4,500	\$1,627,375	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> 190 Secured Parking Spaces (5 yr Projection)		\$3,010,528	
<input checked="" type="checkbox"/> Relocate Gas Line		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> (x40) Covered Parking Spaces		\$145,000	
<input checked="" type="checkbox"/> (x25) EV Charging Stations		\$562,500	
<input checked="" type="checkbox"/> 1000 kw Generator & Keep 400 kw Generator		\$650,000	

# OPTION C



PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> LIGHT	24,000	\$1,200,000	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<b>SUPPORT BUILDING</b>	4,500	\$1,627,375	
<input checked="" type="checkbox"/> PARTIAL SUPPORT BUILDING	4,500	\$1,627,375	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> 190 Secured Parking Spaces (5 yr Projection)		\$3,010,528	
<input checked="" type="checkbox"/> Relocate Gas Line		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> (x40) Covered Parking Spaces		\$145,000	
<input checked="" type="checkbox"/> (x25) EV Charging Stations		\$562,500	
<input checked="" type="checkbox"/> 1000 kw Generator & Keep 400 kw Generator		\$650,000	
Sub Total - Chosen Program Element Options	39,500	\$7,334,835	
+ Sub Total - Police HQ Addition (CCL)	23,000	\$7,679,240	
+ Sub Total - Site		\$4,618,028	
<b>= DIRECT CONSTRUCTION COST</b>	<b>62,500</b>	<b>\$19,632,103</b>	
+ Design Contingency (5% Direct Cost)		\$1,000,000	
+ CMAA General Conditions/Overhead (8% of Direct Cost)		\$1,600,000	
+ CMAA Fee (5% of Direct Cost)		\$1,000,000	
<b>= TOTAL CONSTRUCTION COST LIMIT (CCL)</b>	<b>-</b>	<b>\$23,232,103</b>	
+ Owner Costs Outside of Construction (25% of CCL)	-	\$5,900,000	
<b>= TOTAL PROJECT COST</b>	<b>62,500</b>	<b>\$29,132,103</b>	
<b>PROJECTED PROJECT BUDGET</b>		<b>\$36,415,129</b>	
w/ Escalation (25%/yr - 60 months to midpoint)			

POLICE HEADQUARTERS  
**PROJECT OPTIONS**

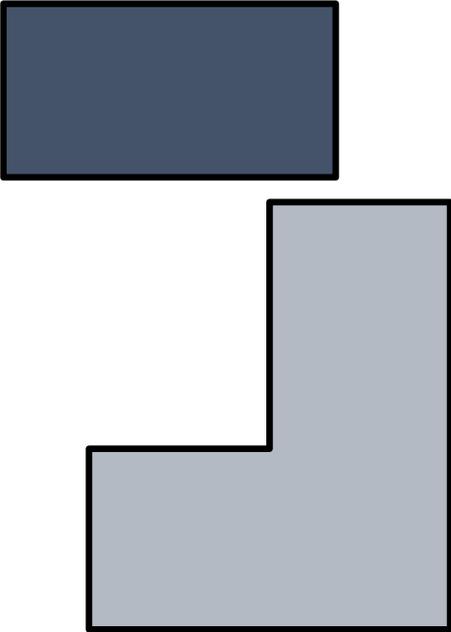
OPTION A

OPTION B

OPTION C

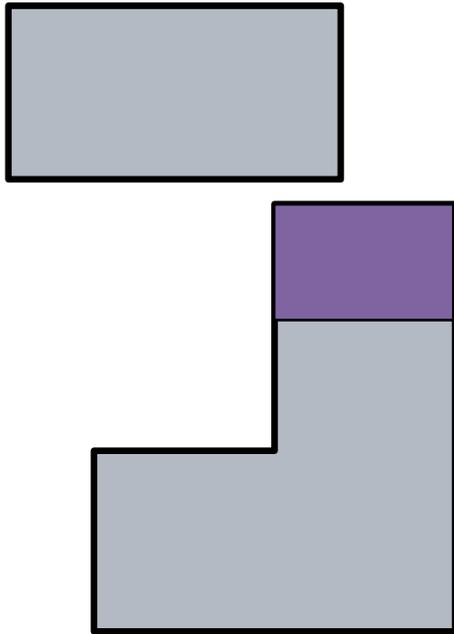
OPTION D

# OPTION D



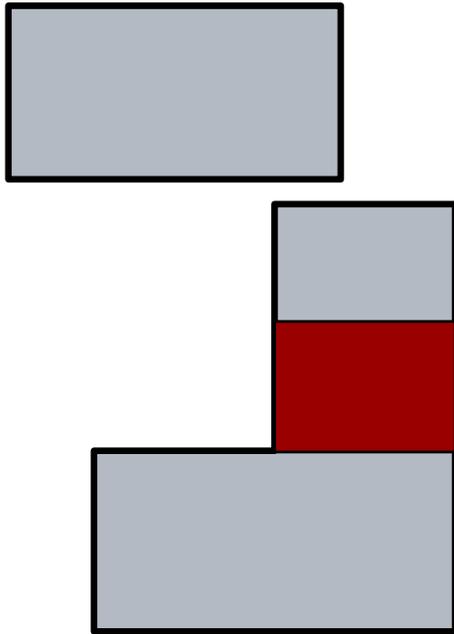
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$7,037,525	
<input checked="" type="checkbox"/> EXTENSIVE	24,000	\$6,707,400	
Add Automatic Sprinkler System Revise layout to meet operational needs New Mechanical/Electrical/Plumbing			
RENOVATION "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> Replace Storefront with Lvl 3 Ballistic on Whitshire		\$330,125	

# OPTION D



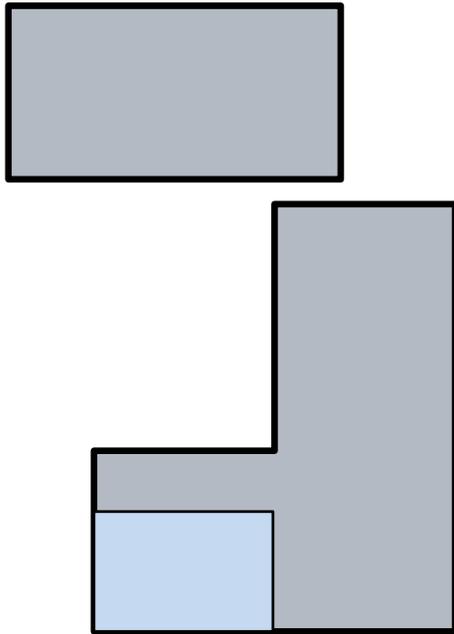
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$7,037,525	
<input checked="" type="checkbox"/> EXTENSIVE	24,000	\$6,707,400	
RENOVATION "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> Replace Storefront with Lvl 3 Ballistic on Whilshire		\$330,125	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	<ul style="list-style-type: none"> <li>Public Entry/Reception/Check-in</li> <li>Conference Room/Private Room</li> <li>Conference Room/Private Room</li> <li>Training Room</li> <li>Large Men's / Women's RRs</li> <li>Breakout Space</li> <li>Training Storage</li> <li>Defensive Tactics Training Area</li> <li>Sim-Munitions/VR Booth</li> <li>Catering Kitchen / Breakroom</li> <li>Locker Room/Secure Valuables</li> <li>Unisex RR/Shower</li> <li>Training Coordinator Office</li> <li>Training Coordinator Office</li> <li>Training Coordinator Copy/Work/Files</li> <li>Training Coordinator Storage</li> </ul>

# OPTION D



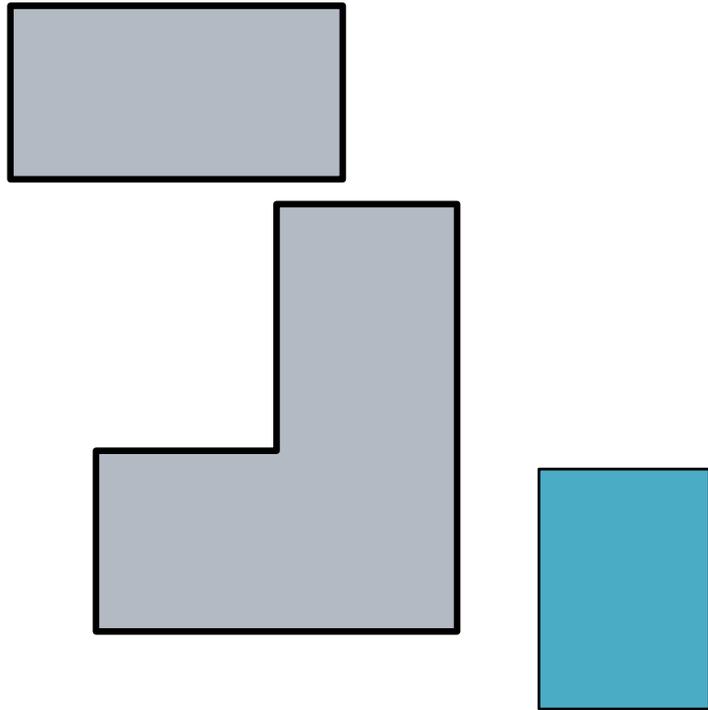
PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$7,037,525	
<input checked="" type="checkbox"/> EXTENSIVE	24,000	\$6,707,400	
RENOVATION "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> Replace Storefront with Lvl 3 Ballistic on Whilshire		\$330,125	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<ul style="list-style-type: none"> <li>Hardened to meet Florida Hurricane Standards</li> <li>Depressed Concrete structure</li> <li>Dispatch</li> <li>Dispatch Admin</li> <li>Break Room / Locker Area</li> <li>QA / Training Coordinators</li> <li>Restrooms</li> <li>Quiet / Counseling / Recovery Room</li> <li>Training Room</li> <li>Storage</li> <li>Work/Copy</li> <li>IT/Server</li> <li>Supervisors</li> <li>Staff Window</li> <li>Conference Room</li> </ul>			

# OPTION D



PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$7,037,525	
<input checked="" type="checkbox"/> EXTENSIVE	24,000	\$6,707,400	
RENOVATION "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> Replace Storefront with Lvl 3 Ballistic on Whitshire		\$330,125	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<b>HOLDING/PROCESSING</b>	3,000	\$1,688,259	
<input checked="" type="checkbox"/> HOLDING/PROCESSING	3,000	\$1,688,259	
<ul style="list-style-type: none"> <li>Vehicle Sallyport</li> <li>Security Vestibule</li> <li>Booking Counter</li> <li>Blood Draw Room</li> <li>Drunk Tank</li> <li>Holding Cell</li> <li>Secure Interview Rooms</li> <li>Detainee RR</li> <li>Staff RR/Shower</li> <li>Detainee Property Storage</li> <li>Staff Work/Copy Area</li> </ul>			

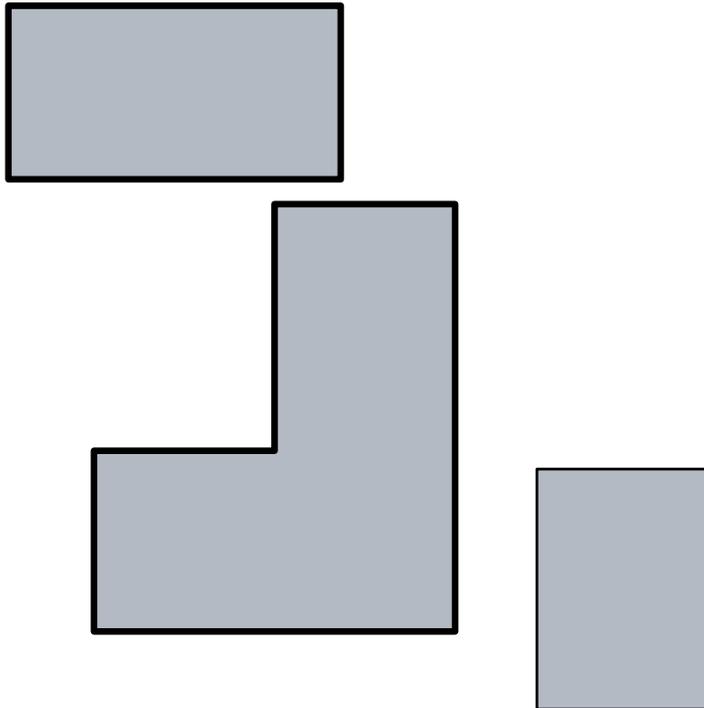
# OPTION D



PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<input type="checkbox"/> EXISTING HQ RENOVATION	24,000	\$7,037,525	
<input checked="" type="checkbox"/> EXTENSIVE	24,000	\$6,707,400	
RENOVATION "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> Replace Storefront with Lvl 3 Ballistic on Whilshire		\$330,125	
<input type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<input type="checkbox"/> COMMUNICATIONS	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<input type="checkbox"/> HOLDING/PROCESSING	3,000	\$1,688,259	
<input checked="" type="checkbox"/> HOLDING/PROCESSING	3,000	\$1,688,259	
<input type="checkbox"/> SUPPORT BUILDING	8,000	\$2,700,500	
<input checked="" type="checkbox"/> FULL SUPPORT BUILDING	8,000	\$2,700,500	

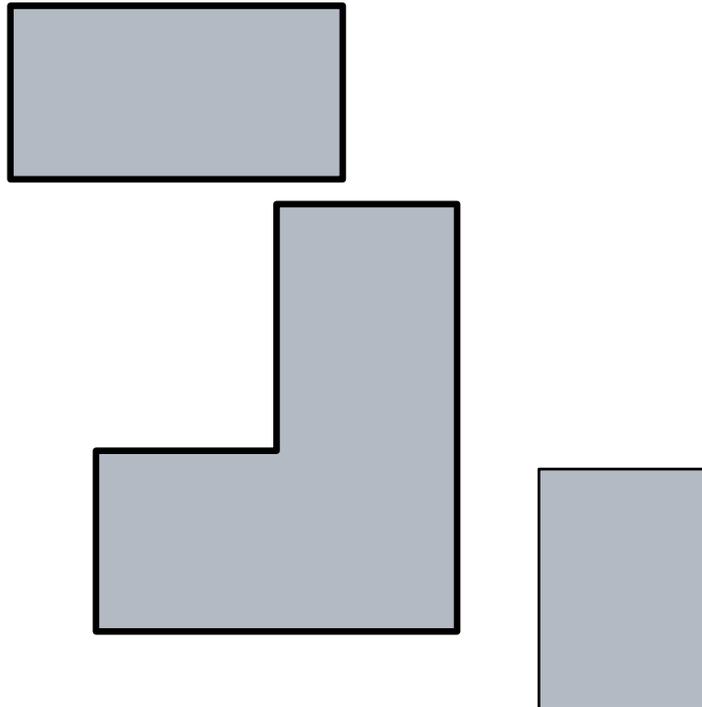
- P/E - Large Evidence Drop
- P/E - Large Evidence/Property
- P/E - Vehicle Processing Bay
- Honor Guard
- Drone Work/Storage
- Traffic Storage
- Unisex RR/Shower
- Crime Scene Van
- SWAT - Locker
- SWAT - Storage
- SWAT - Meeting Room
- Armory / Armor
- K-9
- Bicycle Patrol Storage/Work
- Motorcycle
- Special Use Vehicles
- Building Support

# OPTION D

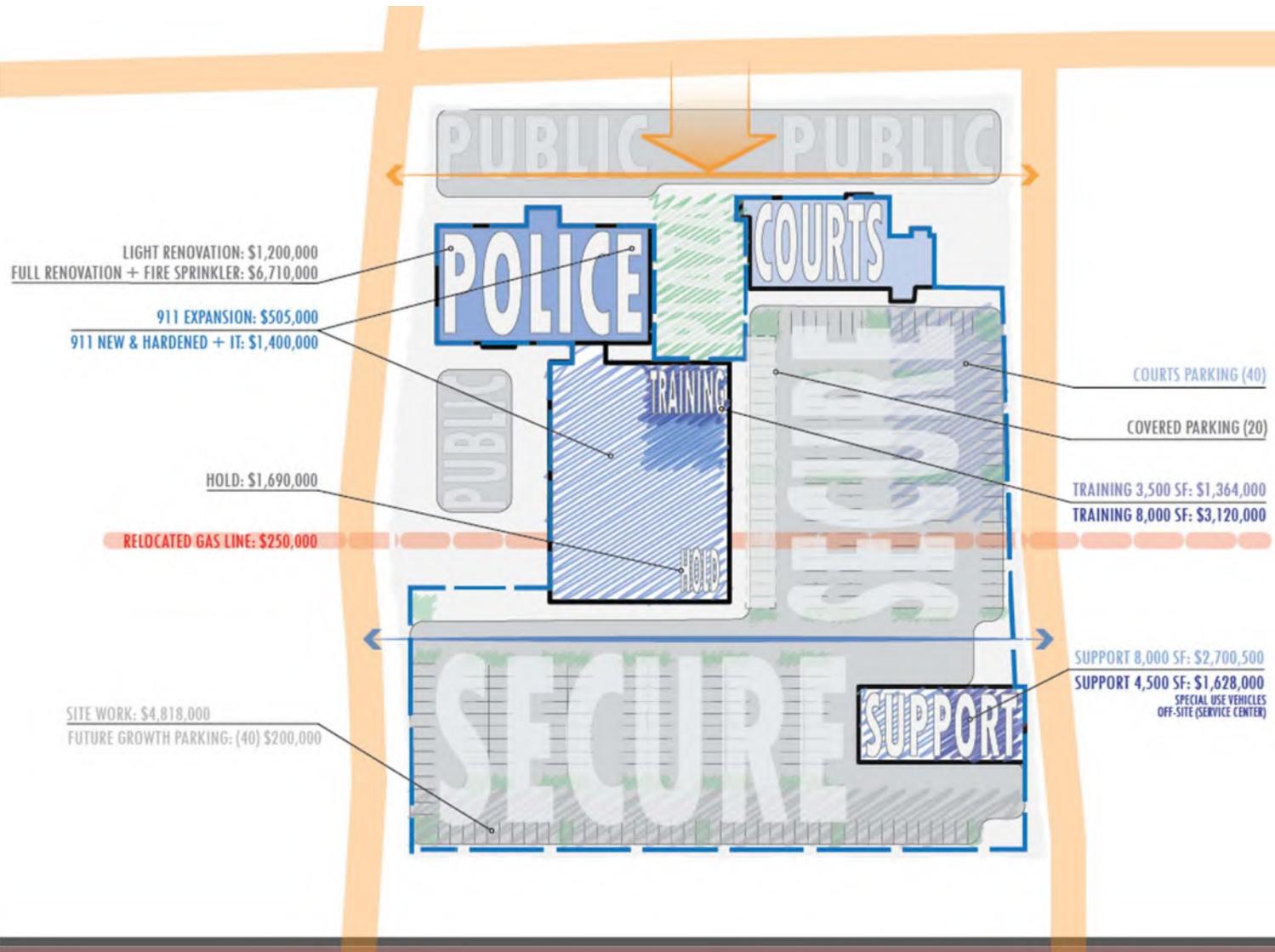


PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$7,037,525	
<input checked="" type="checkbox"/> EXTENSIVE	24,000	\$6,707,400	
RENOVATION "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> Replace Storefront with Lvl 3 Ballistic on Whitshire		\$330,125	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<b>HOLDING/PROCESSING</b>	3,000	\$1,688,259	
<input checked="" type="checkbox"/> HOLDING/PROCESSING	3,000	\$1,688,259	
<b>SUPPORT BUILDING</b>	8,000	\$2,700,500	
<input checked="" type="checkbox"/> FULL SUPPORT BUILDING	8,000	\$2,700,500	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> 240+ Secured Staff Parking (10 yr Projection)		\$3,010,528	
<input checked="" type="checkbox"/> Relocate Gas Line		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> (x40) Covered Parking Spaces		\$145,000	
<input checked="" type="checkbox"/> (x25) EV Charging Stations		\$562,500	
<input checked="" type="checkbox"/> 1000 kw Generator & Keep 400 kw Generator		\$650,000	in-lieu of new 1500kw one

# OPTION D



PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>EXISTING HQ RENOVATION</b>	24,000	\$7,037,525	
<input checked="" type="checkbox"/> EXTENSIVE	24,000	\$6,707,400	
RENOVATION "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> Replace Storefront with Lvl 3 Ballistic on Whitshire		\$330,125	
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> TRAINING CENTER	8,000	\$3,116,269	
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> RELOCATE TO NEW ADDITION	3,000	\$1,391,191	
<b>HOLDING/PROCESSING</b>	3,000	\$1,688,259	
<input checked="" type="checkbox"/> HOLDING/PROCESSING	3,000	\$1,688,259	
<b>SUPPORT BUILDING</b>	8,000	\$2,700,500	
<input checked="" type="checkbox"/> FULL SUPPORT BUILDING	8,000	\$2,700,500	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> 240+ Secured Staff Parking (10 yr Projection)		\$3,010,528	
<input checked="" type="checkbox"/> Relocate Gas Line		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> (x40) Covered Parking Spaces		\$145,000	
<input checked="" type="checkbox"/> (x25) EV Charging Stations		\$562,500	
<input checked="" type="checkbox"/> 1000 kw Generator & Keep 400 kw Generator		\$650,000	in-lieu of new 1500kw one
Sub Total - Chosen Program Element Options	46,000	\$15,933,744	
+ Sub Total - Police HQ Addition (CCL)	23,000	\$7,679,240	
+ Sub Total - Site		\$4,618,028	
<b>= DIRECT CONSTRUCTION COST</b>	<b>69,000</b>	<b>\$28,231,012</b>	
+ Design Contingency (5% Direct Cost)		\$1,500,000	
+ CMAA General Conditions/Overhead (8% of Direct Cost)		\$2,300,000	
+ CMAA Fee (5% of Direct Cost)		\$1,500,000	
<b>= TOTAL CONSTRUCTION COST LIMIT (CCL)</b>	<b>-</b>	<b>\$33,531,012</b>	
+ Owner Costs Outside of Construction (25% of CCL)		\$8,400,000	
<b>= TOTAL PROJECT COST</b>	<b>69,000</b>	<b>\$41,931,012</b>	
<b>PROJECTED PROJECT BUDGET</b>		<b>\$52,413,765</b>	
w/ Escalation (25%/yr - 60 months to midpoint)			



# Staff Recommendation

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- **Option C**

- Light renovation
- New addition
- Full training center
- New communications
- Partial Support

# Questions / Comments

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# BURLESON POLICE HEADQUARTERS

BRW Project Number: 2210095.00

November 10, 2021

## PROGRAM ELEMENT OPTIONS

### OPTION A

PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>TRAINING CENTER</b>	3,500	\$1,363,368	
<input checked="" type="checkbox"/> <b>MULTIPURPOSE ROOM (Training/Community)</b>	3,500	\$1,363,368	
<ul style="list-style-type: none"> <li>Multipurpose Room (Training/Community)</li> <li>Breakout Space</li> <li>Training Storage</li> <li>Catering Kitchen / Breakroom</li> </ul>			
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> <b>RELOCATE TO NEW ADDITION</b>	3,000	\$1,391,191	
<ul style="list-style-type: none"> <li>Hardened to meet Florida Hurricane Standards</li> <li>Depressed Concrete structure</li> <li>Dispatch</li> <li>Dispatch Admin</li> <li>Break Room / Locker Area</li> <li>QA / Training Coordinators</li> <li>Restrooms</li> <li>Quiet / Counseling / Recovery Room</li> <li>Training Room</li> <li>Storage</li> <li>Work/Copy</li> <li>IT/Server</li> <li>Supervisors</li> <li>Staff Window</li> <li>Conference Room</li> </ul>			
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> <b>LIGHT</b>	24,000	\$1,200,000	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> <b>190 Secured Parking Spaces (5 yr Projection)</b>		\$3,010,528	
<input checked="" type="checkbox"/> <b>Relocate Gas Line</b>		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> <b>(x40) Covered Parking Spaces</b>		\$145,000	
<input checked="" type="checkbox"/> <b>(x25) EV Charging Stations</b>		\$562,500	
<input checked="" type="checkbox"/> <b>1000 kw Generator &amp; Keep 400 kw Generator</b>		\$650,000	
Sub Total - Chosen Program Element Options		30,500	\$3,954,559
+	Sub Total - Police HQ Addition (CCL)		23,000 \$7,679,240
+	Sub Total - Site		\$4,618,028
<b>=</b>	<b>DIRECT CONSTRUCTION COST</b>	<b>53,500</b>	<b>\$16,251,827</b>
+	Design Contingency (5% Direct Cost)		\$900,000
+	CMaR General Conditions/Overhead (8% of Direct Cost)		\$1,400,000
+	CMaR Fee (5% of Direct Cost)		\$900,000
<b>=</b>	<b>TOTAL CONSTRUCTION COST LIMIT (CCL)</b>	<b>-</b>	<b>\$19,451,827</b>
+	Owner Costs Outside of Construction (25% of CCL)		\$4,900,000
<b>=</b>	<b>TOTAL PROJECT COST</b>	<b>53,500</b>	<b>\$24,351,827</b>
<b>PROJECTED PROJECT BUDGET</b>		<b>\$30,439,784</b>	
w/ Escalation (25%/yr - 60 months to midpoint)			

# BURLESON POLICE HEADQUARTERS

BRW Project Number: 2210095.00

November 4, 2021

## PROGRAM ELEMENT OPTIONS

### OPTION B

PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> <b>TRAINING CENTER</b>	8,000	\$3,116,269	
Public Entry/Reception/Check-in			
Conference Room/Private Room			
Conference Room/Private Room			
Training Room			
Large Men's / Women's RRs			
Breakout Space			
Training Storage			
Defensive Tactics Training Area			
Sim-Munitions/VR Booth			
Catering Kitchen / Breakroom			
Locker Room/Secure Valuables			
Unisex RR/Shower			
Training Coordinator Office			
Training Coordinator Office			
Training Coordinator Copy/Work/Files			
Training Coordinator Storage			
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> <b>RELOCATE TO NEW ADDITION</b>	3,000	\$1,391,191	
Hardened to meet Florida Hurricane Standards			
Depressed Concrete structure			
Dispatch			
Dispatch Admin			
Break Room / Locker Area			
QA / Training Coordinators			
Restrooms			
Quiet / Counseling / Recovery Room			
Training Room			
Storage			
Work/Copy			
IT/Server			
Supervisors			
Staff Window			
Conference Room			
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> <b>LIGHT</b>	24,000	\$1,200,000	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> <b>190 Secured Parking Spaces (5 yr Projection)</b>		\$3,010,528	
<input checked="" type="checkbox"/> <b>Relocate Gas Line</b>		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> <b>(x40) Covered Parking Spaces</b>		\$145,000	
<input checked="" type="checkbox"/> <b>(x25) EV Charging Stations</b>		\$562,500	
<input checked="" type="checkbox"/> <b>1000 kw Generator &amp; Keep 400 kw Generator</b>		\$650,000	
Sub Total - Chosen Program Element Options	35,000	\$5,707,460	
+ Sub Total - Police HQ Addition (CCL)	23,000	\$7,679,240	
+ Sub Total - Site		\$4,618,028	
<b>= DIRECT CONSTRUCTION COST</b>	<b>58,000</b>	<b>\$18,004,728</b>	
+ Design Contingency (5% Direct Cost)		\$1,000,000	
+ CMAA General Conditions/Overhead (8% of Direct Cost)		\$1,500,000	
+ CMAA Fee (5% of Direct Cost)		\$1,000,000	
<b>= TOTAL CONSTRUCTION COST LIMIT (CCL)</b>		<b>\$21,504,728</b>	
+ Owner Costs Outside of Construction (25% of CCL)	-	\$5,400,000	
<b>= TOTAL PROJECT COST</b>	<b>58,000</b>	<b>\$26,904,728</b>	
<b>PROJECTED PROJECT BUDGET</b>		<b>\$33,630,910</b>	
w/ Escalation (25%/yr - 60 months to midpoint)			

**BURLESON POLICE HEADQUARTERS**

BRW Project Number: 2210095.00  
 November 10, 2021

**PROGRAM ELEMENT OPTIONS**

**OPTION C**

PROGRAM ELEMENT:	SQUARE FEET	PROBABLE COST	NOTES:
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> <b>TRAINING CENTER</b>	8,000	\$3,116,269	
Public Entry/Reception/Check-in			
Conference Room/Private Room			
Conference Room/Private Room			
Training Room			
Large Men's / Women's RRs			
Breakout Space			
Training Storage			
Defensive Tactics Training Area			
Sim-Munitions/VR Booth			
Catering Kitchen / Breakroom			
Locker Room/Secure Valuables			
Unisex RR/Shower			
Training Coordinator Office			
Training Coordinator Office			
Training Coordinator Copy/Work/Files			
Training Coordinator Storage			
<b>SUPPORT BUILDING</b>	4,500	\$1,627,375	
<input checked="" type="checkbox"/> <b>PARTIAL SUPPORT BUILDING</b>	4,500	\$1,627,375	
P/E - Large Evidence Drop			
P/E - Large Evidence/Property			
Honor Guard			
Drone Work/Storage			
Traffic Storage			
Unisex RR/Shower			
SWAT - Locker			
SWAT - Storage			
SWAT - Meeting Room			
Armory / Armar			
K-9			
Bicycle Patrol Storage/Work			
Motorcycle			
Building Support			
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> <b>RELOCATE TO NEW ADDITION</b>	3,000	\$1,391,191	
Hardened to meet Florida Hurricane Standards			
Depressed Concrete structure			
Dispatch			
Dispatch Admin			
Break Room / Locker Area			
QA / Training Coordinators			
Restrooms			
Quiet / Counseling / Recovery Room			
Training Room			
Storage			
Work/Copy			
IT/Server			
Supervisors			
Staff Window			
Conference Room			
<b>EXISTING HQ RENOVATION</b>	24,000	\$1,200,000	
<input checked="" type="checkbox"/> <b>LIGHT</b>	24,000	\$1,200,000	
<b>SITE</b>	-	\$4,618,028	
<input checked="" type="checkbox"/> 190 Secured Parking Spaces (5 yr Projection)		\$3,010,528	
<input checked="" type="checkbox"/> Relocate Gas Line		\$250,000	
SITE "ADD-ALTERNATES"			
<input checked="" type="checkbox"/> (x40) Covered Parking Spaces		\$145,000	
<input checked="" type="checkbox"/> (x25) EV Charging Stations		\$562,500	
<input checked="" type="checkbox"/> 1000 kw Generator & Keep 400 kw Generator		\$650,000	
Sub Total - Chosen Program Element Options	39,500	\$7,334,835	
+ Sub Total - Police HQ Addition (CCL)	23,000	\$7,679,240	
+ Sub Total - Site		\$4,618,028	
<b>= DIRECT CONSTRUCTION COST</b>	<b>62,500</b>	<b>\$19,632,103</b>	
+ Design Contingency (5% Direct Cost)		\$1,000,000	
+ CMar General Conditions/Overhead (8% of Direct Cost)		\$1,600,000	
+ CMar Fee (5% of Direct Cost)		\$1,000,000	
<b>= TOTAL CONSTRUCTION COST LIMIT (CCL)</b>	<b>-</b>	<b>\$23,232,103</b>	
+ Owner Costs Outside of Construction (25% of CCL)		\$5,900,000	
<b>= TOTAL PROJECT COST</b>	<b>62,500</b>	<b>\$29,132,103</b>	
<b>PROJECTED PROJECT BUDGET</b>		<b>\$36,415,129</b>	
w/ Escalation (25%/yr - 60 months to midpoint)			

**BURLESON POLICE HEADQUARTERS**

BRW Project Number: 2210095.00  
November 10, 2021

**PROGRAM ELEMENT OPTIONS**

**OPTION D**

PROGRAM ELEMENT	SQUARE FEET	PROBABLE COST	NOTES:
<b>TRAINING CENTER</b>	8,000	\$3,116,269	
<input checked="" type="checkbox"/> <b>TRAINING CENTER</b>	8,000	\$3,116,269	Public Entry/Reception/Check-in Conference Room/Private Room Conference Room/Private Room Training Room Large Men's / Women's RRs Breakout Space Training Storage Defensive Tactics Training Area Sim-Munitions/VR Booth Catering Kitchen / Breakroom Locker Room/Secure Valuables Unisex RR/Shower Training Coordinator Office Training Coordinator Office Training Coordinator Copy/Work/Files Training Coordinator Storage
<b>HOLDING/PROCESSING</b>	3,000	\$1,688,259	
<input checked="" type="checkbox"/> <b>HOLDING/PROCESSING</b>	3,000	\$1,688,259	Vehicle Sullyport Security Vestibule Booking Counter Blood Draw Room Drunk Tank Holding Cell Secure Interview Rooms Detainee RR Staff RR/Shower Detainee Property Storage Staff Work/Copy Area
<b>BERNARD BUILDING</b>	8,000	\$2,700,500	
<input checked="" type="checkbox"/> <b>FULL SUPPORT BUILDING</b>	8,000	\$2,700,500	P/E - Large Evidence Drop P/E - Large Evidence/Property P/E - Vehicle Processing Bay Honor Guard Drone Work/Storage Traffic Storage Unisex RR/Shower Crime Scene Van SWAT - Locker SWAT - Storage SWAT - Meeting Room Armory / Armor K-9 Bicycle Patrol Storage/Work Motorcycle Special Use Vehicles Building Support
<b>COMMUNICATIONS</b>	3,000	\$1,391,191	
<input checked="" type="checkbox"/> <b>RELOCATE TO NEW ADDITION</b>	3,000	\$1,391,191	Hardened to meet Florida Hurricane Standards Depressed Concrete structure Dispatch Dispatch Admin Break Room / Locker Area QA / Training Coordinators Restrooms Quiet / Counseling / Recovery Room Training Room Storage Work/Copy IT/Server Supervisors Staff Window Conference Room
<b>EXISTING NO RENOVATION</b>	24,000	\$7,037,325	
<input checked="" type="checkbox"/> <b>EXTENSIVE</b>	24,000	\$6,707,400	Add Automatic Sprinkler System Revise layout to meet operational needs New Mechanical/Electrical/Plumbing
<b>RENOVATION *ADD-ALTERNATES*</b>			
<input checked="" type="checkbox"/> <b>Replace Storefront with Lvl 3 Ballistic on Whitshire</b>		\$330,125	
<b>SITE</b>		\$4,618,028	
<input checked="" type="checkbox"/> <b>240+ Secured Staff Parking (10 yr Projection)</b>		\$3,010,528	
<input checked="" type="checkbox"/> <b>Relocate Gas Line</b>		\$250,000	
<b>SITE *ADD-ALTERNATES*</b>			
<input checked="" type="checkbox"/> <b>(x40) Covered Parking Spaces</b>		\$145,000	
<input checked="" type="checkbox"/> <b>(x25) EV Charging Stations</b>		\$562,500	
<input checked="" type="checkbox"/> <b>1000 kw Generator &amp; Keep 400 kw Generator</b>		\$650,000	In-lieu of new 1500kw one
Sub Total - Chesen Program Element Options	46,000	\$15,933,744	
+ Sub Total - Police HQ Addition (CCL)	23,000	\$7,679,240	
+ Sub Total - Site		\$4,618,028	
<b>= DIRECT CONSTRUCTION COST</b>	<b>69,000</b>	<b>\$28,231,012</b>	
+ Design Contingency (5% Direct Cost)		\$1,500,000	
+ CMAA General Conditions/Overhead (8% of Direct Cost)		\$2,300,000	
+ CMAA Fee (5% of Direct Cost)		\$1,500,000	
<b>= TOTAL CONSTRUCTION COST LIMIT (CCL)</b>	<b>-</b>	<b>\$33,531,012</b>	
+ Owner Costs Outside of Construction (25% of CCL)		\$8,400,000	
<b>= TOTAL PROJECT COST</b>	<b>69,000</b>	<b>\$41,931,012</b>	
<b>PROJECTED PROJECT BUDGET</b>		<b>\$52,413,765</b>	
w/ Escalation (25%/yr - 60 months to midpoint)			



# Future Fire Station No. 4 Discussion

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CITIZENS BOND COMMITTEE  
NOVEMBER 10, 2021

# Objectives

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Why Fire Station No.4 is needed in 2022 Bond Election

Quantitative and Qualitative Data Analysis for Planning response model/station location

BRW Study/Costs

Strategic Response Capabilities determine Station Design (i.e., # of Bays, number and types of apparatus, staffing/living quarters etc.)



## Why Station No. 4 Population Growth

Chisolm Summit Development provides the catalyst for future population growth and expansion of the City's corporate boundaries that are expected to have a significant impact on demands for service from the Fire Department

Due to the expected future population growth and expansion of the city's corporate boundaries, the three current stations will not be able to provide Fire & EMS services to Chisolm Summit area of the city in a manner that meets safety and response criteria for the citizens and firefighters based on National Fire Protection Association (NFPA), Texas Commission on Fire Protection, and industry and best practice standards.



## Why Station No. 4 Service Delivery

Current quality and level of Fire and EMS services provided to the community need to be maintained, therefore, comparable or improved services are expected for future population growth and expansion of city limits. Future may include BFD ambulance transport, for example, currently the Fire Department's time to travel to an emergency incident is 4.5 minutes on average, and 7.1 minutes for 90 out of 100 events compared to the 90<sup>th</sup> percentile travel time of arriving MedStar units is 14.5 minutes.

A four-station deployment plan, in addition to the three current stations, could-respond to 92.84% of all calls within 7 minutes or less travel time

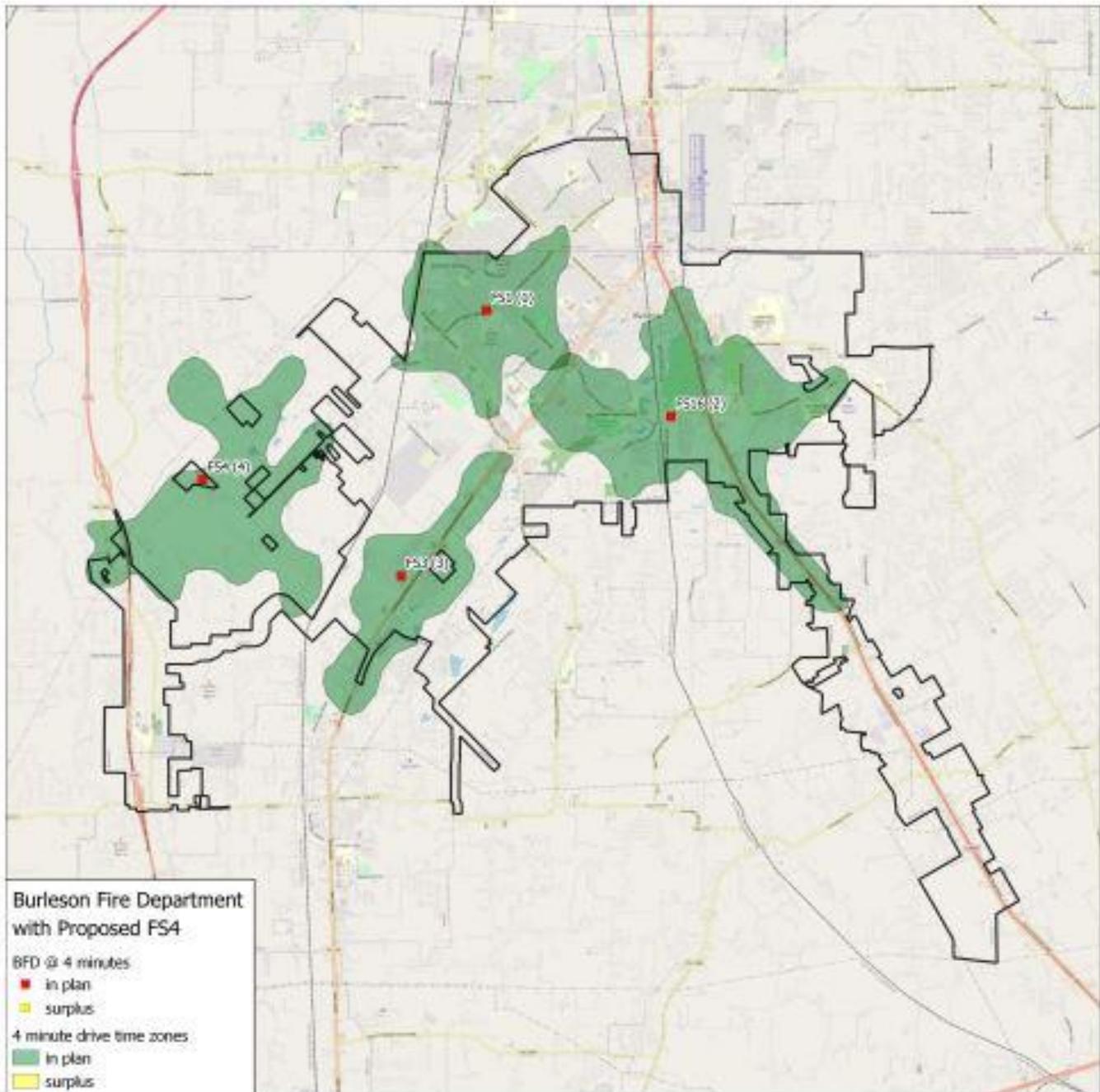
## 4-Minute Travel Time

A four-station deployment plan could respond to 46.14% of all calls within 4 minutes or less travel time

Comparison to National References. NFPA 1710 suggests a 4-minute travel time at the 90th percentile for first due arrival of Basic Life Support (BLS) and fire incidents

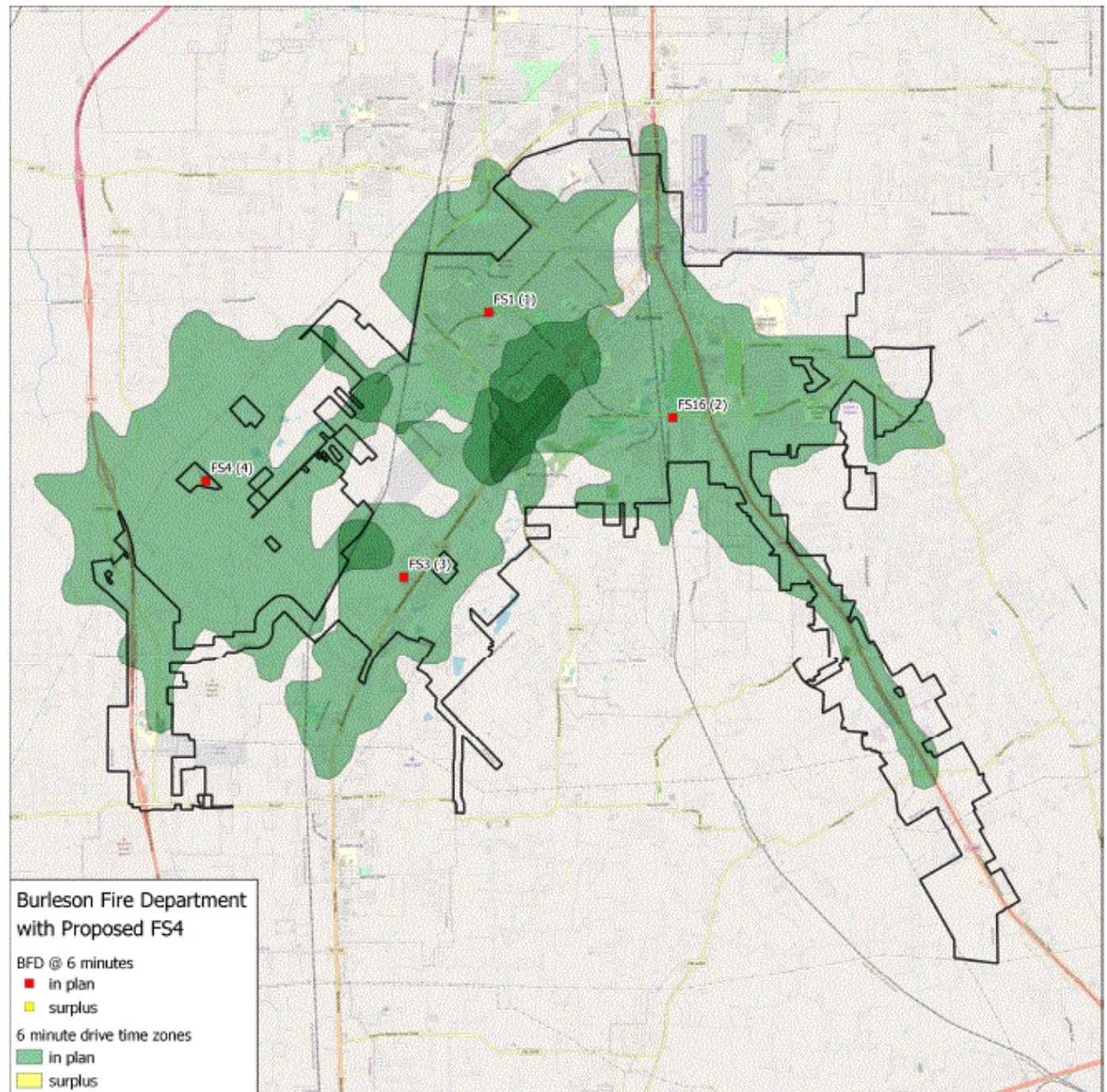
Each community must develop its own response model based on an acceptable level of assumed risk vs costs.

For example, 10 fire stations would be required in Burleson to respond to 90.28% of all calls within 4 minutes or less travel time according to Fitch & Associates Master Plan Study for Burleson Fire Department



## 6-Minute Travel Time

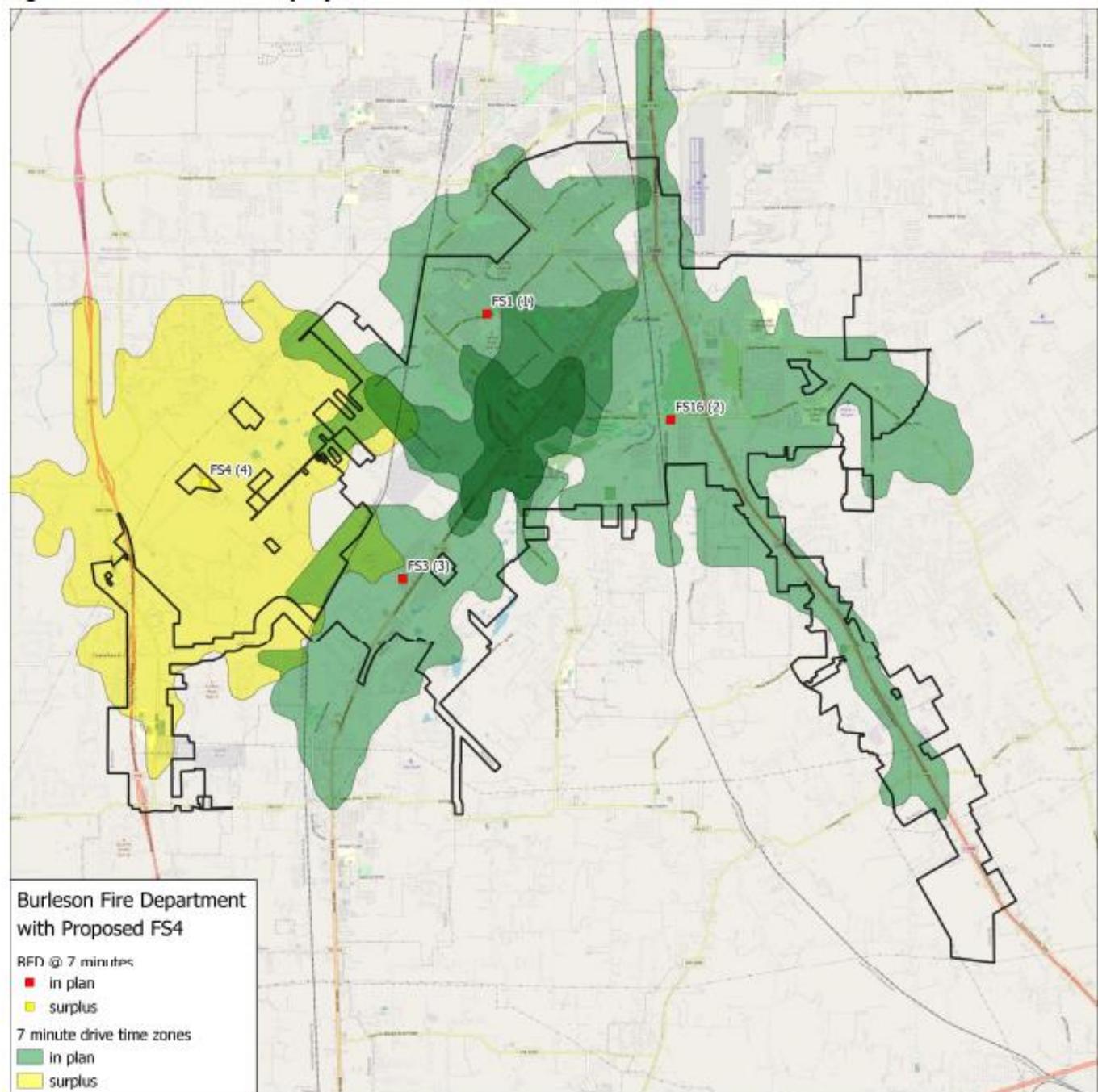
A four-station deployment plan could respond to 85.43% of all calls within 6 minutes or less travel time.



## 7-Minute Travel Time

A four-station deployment plan could respond to 92.84% of all calls within 7 minutes or less travel time.

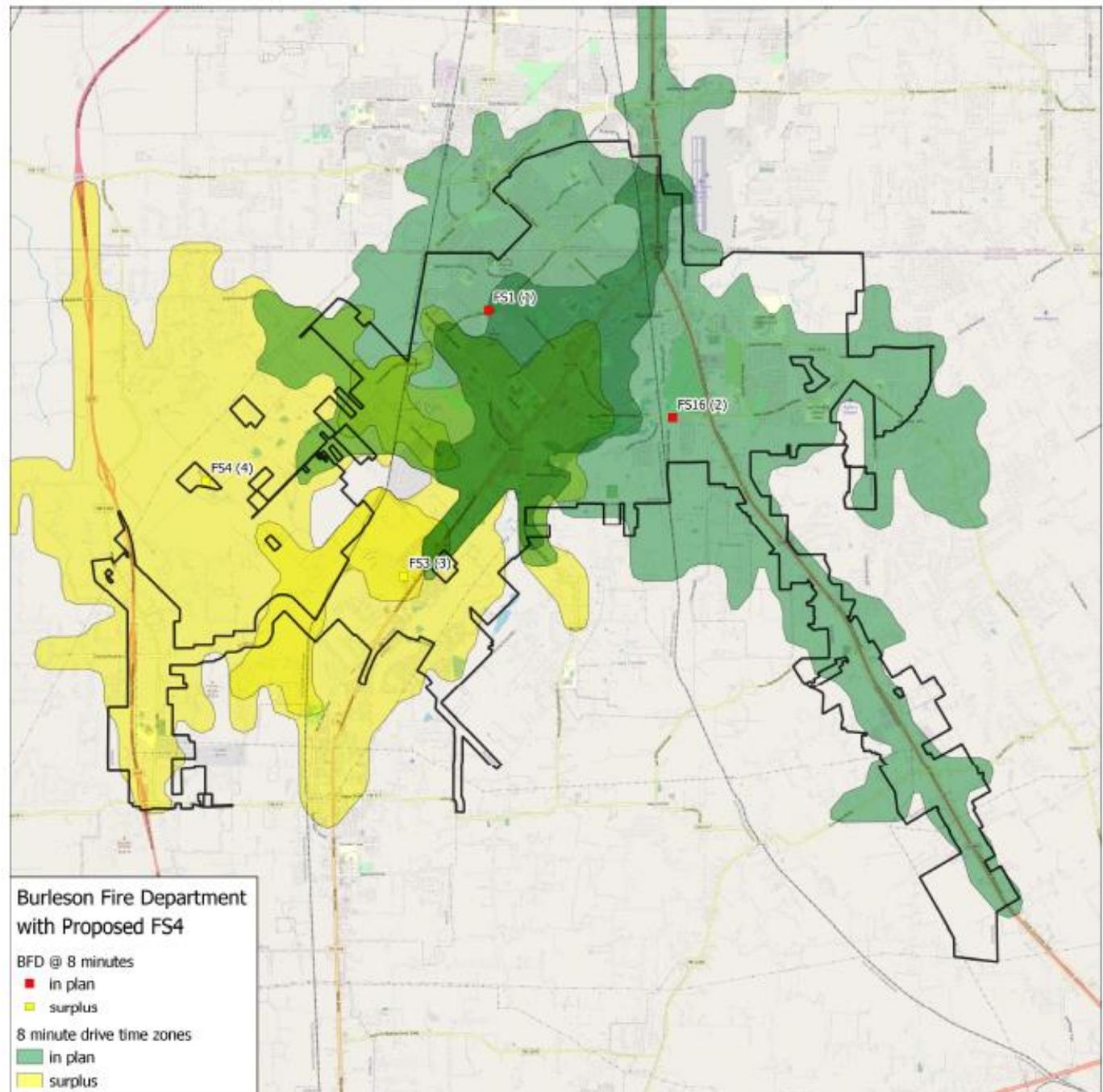
The arrival of an Advanced Life Support (ALS) unit is recommended at 8 minutes travel time by NFPA 1710



## 8-Minute Travel Time

A four-station deployment plan could respond to 98.24% of all calls within 8 minutes or less travel time.

The arrival of an Advanced Life Support (ALS) unit is recommended at 8 minutes travel time by NFPA 1710



# 4-Bay Station Features/Capabilities

## Optimum Design

- Station 4 considered stand-alone due to geographical location & proximity to BFD resources and auto/mutual-aid partners
- Offers the best facility space needed & opportunity to provide Fire & EMS services according to NFPA, TCFP, & best practices and industry standards
- Design includes the health, safety, and welfare of the citizens and firefighters as top priority which includes transition zone design to mitigate the transfer of carcinogens to living quarters
- Storm shelter, training room, BPD office and community engagement spaces included in design

## Apparatus & Personnel recommendation:

- 107' Aerial Quint (4-person)
- Engine (4 person)
- Heavy Duty Rescue; Due to proximity to Chisholm Trail Parkway and FM 1902
- Ambulance (2 person)
- Future consideration for 2nd Battalion Chief location (1 person)
- Total personnel: 11

# 3-Bay Station Features/Capabilities

## Minimum Design

- Fitch & Associates: "Recognizing the anticipated mix of land uses, the city should consider a 30-year plus facility that will accommodate housing of at least three major apparatus with associated personnel."
- Provides minimum facility and personnel space recommended by Fitch and Associates to provide Fire & EMS services for Chisholm Summit and future development in surrounding ETJ. Anticipated service delivery provided will meet, NFPA, TCFP, and best practices/industry standards
- Storm shelter, training room, BPD office and community engagement spaces included in design & transition zone for mitigation of transfer of carcinogens to the living quarters

## Apparatus & Personnel recommendation:

- 107' Aerial Quint (4-person)
- Engine (4 person)
- Ambulance (2 person)
- Future consideration for 2nd Battalion Chief location (1 person)
- Total personnel: 11

# 2-Bay Station Features/Capabilities

## Limited Design

- Provides limited facility and personnel capabilities for response to Fire & EMS services for the Chisholm Summit Development and surrounding ETJ
- Stand-alone fully staffed Double Company station will be limited in adequately meeting the future anticipated demands for service in the Chisholm Summit Development, population growth, and future annexation of ETJ along the Chisholm Trail Parkway
- Design includes transition zone to help mitigate the transfer of carcinogens to the living quarters
- Storm shelter, training and BPD office and community engagement spaces remain the same as three and four bay design

## Apparatus & Personnel recommendation:

- 107' Aerial Quint (4-person)
- Engine (4 person)
- Total personnel: 8

# BRW Executive Summary

## Work sessions

- Determined Fire Station No. 4 will need to be approximately 18,944 Square Feet. Four single stacked apparatus bays & living quarters for 11 Fire & EMS personnel

## Options for Bond Committee consideration:

- **For all options**, the ancillary apparatus bay/living quarters support spaces along with the Storm Shelter, Training and Police Department's office and community engagement spaces remain the same.
- **Options A & B** the Fire Station will provide living quarters to support **eleven** Fire and EMS personnel
- **Option C** will provide living quarters to support **eight personnel**.



## Option A Includes

Four single stacked 60' long apparatus bays: 18,944 SF.

- Construction - \$9,975,000
- FF&E - \$2,500,000
- Cost Escalation 4% per year - 75 months to midpoint of construction - \$3,468,000
- Total: \$15,943,000

### Apparatus & Personnel

- 107' Aerial Quint (4-person)
- Engine (4 person)
- Heavy Duty Rescue
- Ambulance (2 person)
- Battalion Chief location (1 person)
- Total personnel: 11

Storm Shelter, Training Room, BPD Office and Community Engagement Space



## Option B Includes

Three single stacked 60' long apparatus bays: 17,256 SF.

- Construction - \$9,082,500
- FF&E - \$2,300,000
- Cost Escalation 4% per year - 75 months to midpoint of construction - \$3,165,000
- Total: \$14,547,500

### Apparatus & Personnel

- 107' Aerial Quint (4-person)
- Engine (4 person)
- Ambulance (2 person)
- Battalion Chief location (1 person)
- Total personnel: 11

Storm Shelter, Training Room, BPD Office and Community Engagement Space



## Option C Includes

Two single stacked 60' long apparatus bays: 14,781 SF.

- Construction - \$7,770,000
- FF&E - \$2,000,000
- Cost Escalation 4% per year - 75 months to midpoint of construction - \$2,176,000
- Total: \$11,946,000

## Apparatus & Personnel

- 107' Aerial Quint (4-person)
- Engine (4 person)
- Total personnel: 8

Storm Shelter, Training Room, BPD Office and Community Engagement Space



CITY OF BURLESON FIRE DEPARTMENT

# FIRE STATION NO. 4

# FEASIBILITY STUDY

OCTOBER 22, 2021

**PREPARED FOR:**

CITY OF BURLESON

141 W. Renfro Street  
Burleson, TX 76028

BURLESON FIRE DEPARTMENT

828 SW. Alsbury Boulevard  
Burleson, TX 76028

K.T. Freeman

Fire Chief

**BY:**

BROWN REYNOLDS WATFORD ARCHITECTS, INC.

3535 Travis St. Suite 250  
Dallas, TX 75204  
(214) 528-8704



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## BUDGET ANALYSIS:

PRELIMINARY BUDGET ANALYSIS - OPTION A

PRELIMINARY BUDGET ANALYSIS - OPTION B

PRELIMINARY BUDGET ANALYSIS - OPTION C

## SPACE PROGRAMMING SUMMARY:

SPACE PROGRAMMING SUMMARY - OPTION A

SPACE PROGRAMMING SUMMARY - OPTION B

SPACE PROGRAMMING SUMMARY - OPTION C

## PROPOSED FIRE COVERAGE MAP:

PROPOSED STATION 4 FIRE COVERAGE MAP

PROPOSED STATION 4 + 5 FIRE COVERAGE MAP

## EXECUTIVE SUMMARY

The City of Burleson, like many North Texas communities, is experiencing an era of rapid population growth; The City has recently given approval for a series of proposed master planned communities to be built outside of the city limits in the southwest portion of the Extra-Territorial Jurisdiction (ETJ) of Burleson. At the commencement of construction these communities will be incorporated as part of the city limits and has been identified as the major center of growth for the city. Due to the geographic location of the projected growth the existing closest Fire Station, Fire Station No.: 1 is beyond the range of the 4-minute response time needed to maintain the current ISO rating, see attached Exhibit A. The Fire Department has identified the need to build a new fire station in their five-year strategic plan. The department is projected to grow to meet the projected increased demand that will come with the escalation in population, the growth in city limits, and to meet the response time to maintain or improve the city ISO rating; The Fire Department is therefore expecting the need to have a fourth fire station to be in operation by 2028. The City of Burleson and The Burleson Fire Department reached out to Brown Reynolds Watford Architects, inc. (BRW Architects) to assist in conducting a study to assess the programmatic, spatial and site needs for a future Fire Station No.: 4. The intent of the study is to provide a structured pathway for facility planning and budgeting in a fiscally responsible manner and to provide guidance for future bond allocation, architectural design is not considered or developed for the purposes of this study.

The assessment starts by translating the operational needs related to fire apparatus, personnel, space, and site requirements into a space program that was developed within the context of the projected growth to satisfy the operational and physical building needs for **the Fire Department to expand emergency response services to meet the growth of the community**. The assessment addresses the area requirements for the Fire Station's apparatus bay, coed living quarters, living and bay support spaces, training and community engagement as well as provides space for a Police Department sub-station. Please refer to the Space Program at the end of this section for additional detail. The Program was developed through a series of programming exercises with the City's Fire Department Chief Freeman along with support from the City's Police Department Chief Cordell and the City Manager Bryan Langley and Deputy City Manager Tommy Ludwig.

Through the programming work sessions, it was determined that the Fire Station No.: 4 will need to be approximately 18,944 Square Feet. This would contain four single stacked 60 foot-long apparatus bays, living quarters to support eleven fire fighters and EMS personnel, with ancillary apparatus bay/living quarters support spaces along with a storm shelter that meets the ICC-500 requirements, training room and space for the Police Department to have an office and community engagement space. **The Health, Safety, and Welfare of the staff is a top priority for the Fire Department, The Fire Chief and City of Burleson, this study follows the guidance of the best design practices for Fire Stations that utilizes evidence-based research**. This includes increased attention to transition zone design with the inclusion of air locks, equipment, and human decontamination to help mitigate the transfer of carcinogens, to the living quarters, evidence has shown this to lower cancer rates among fire fighters; Cancer is one of the biggest health concerns for fire fighters. Cardiovascular disease is another major health concern this is being addressed architecturally in this study by providing smaller paired down individual sleeping rooms to allow for better quality of sleep, by taking out the lockers, study desks and electronics these smaller rooms allow for a better quality of sleep for the staff and allow for staff to continue sleeping during shift change. The smaller sleeping rooms also discourage staff from secluding during waking hours, due to the high strain of the job studies have shown positive mental health effects when being alone for extended periods of time is discouraged and it provides for a sense of community to be built where in turn the staff can rely more on each other which is important amongst many companies and departments.

## EXECUTIVE SUMMARY

It was requested by the City Manager to provide three options for the bond committees deliberation, For all options the ancillary apparatus bay/living quarters support spaces along with the Storm Shelter, Training and Police Department's office and community engagement spaces remain the same. Options A & B the Fire Station will provide living quarters to support eleven Fire and EMS personnel and Option C will provide living quarters to support eight personnel.

- Option A: Four single stacked 60' long apparatus bays: 18,944 SF.
- Option B: Three single stacked 60' long apparatus bays: 17,256 SF.
- Option C: Two single stacked 60' long apparatus bays: 14,781 SF.

The fire department has not yet acquired a site for the proposed fire station, BRW Architects, inc. recommends that the site preferably **be four-acres to accommodate the largest Fire Station, Option A, and to provide space for projected growth to the police sub-station**, but no less three-and-half-acres.

The site will need to accommodate 50-60' long apparatus apron, return drives, dumpster and emergency power generator enclosures, secured parking for 30 spaces with space to grow in the future, up to 50 spaces, and 30 public parking spaces for to accommodate the community engagement spaces. Due to a series of recent disruptions for the fire department to reliably source fuel for their apparatus, the fire department requires an above ground fueling station that stores both diesel and gasoline and would serve the needs of The City, The Police, and The Fire Department. Not included as part of this study but was discussed as something to be studied further by the department and city, is to provide Electric Vehicle Charging Stations, due to increased shift towards personal electric vehicles (EV's) BRW Architects, inc. recommends that the secured parking should either include EV charging stations or the infrastructure to provide future EV charging stations, these are not included in the cost opinion.

If approved the anticipated start of design for Fire Station is in 2026 this study utilizes as its basis the current City of Burleson adopted building, plumbing, electrical and energy codes and the current best practices for Fire Station Design; due to the length of time until the start of design it is to be anticipated that the city will have adopted updated building codes; due to the unknown future adopted building codes and as more research is conducted in to the health, welfare and safety of Emergency Response Personnel it is expected that the best design practices for fire stations will evolve it should be anticipated that the space program may need to be revised with unknown consequences for the overall building square footage. As the site is yet to be acquired the zoning, utilities, soil, site drainage, and existing conditions remain unknown, and could potentially affect cost.

## BUDGET SUMMARY

The City of Burleson City Council voted to create a bond committee to deliberate and provide recommendations to the council regarding the size and scope of the 2022 bond package and how much to allocate to each project. To assist the committee the City of Burleson City Manager's Office and the Burleson Fire Department asked Brown Reynolds Watford Architects, Inc. to provide guidance for facility planning and budgeting with the acknowledgement that BRW Architects, Inc. and its employees are not construction cost estimators and all opinions of probable cost presented here are solely illustrative and are subject to change with the financial and labor conditions and material availability and costs at the time of the start of the project. The opinion presented here is formulated using recent and historical data based on BRW Architects vast portfolio projects in Texas that are similar in size, scale, and scope that have been finished or are currently under construction.

The study focused on developing space program that meets the operational and physical building needs for the Fire and Police Departments; architectural design, conceptual site, and floor plans were not developed as part of this study, reasonable assumptions were made based on discussions with the Fire Department, Police Department and the City Manager, and information gained from previous projects. The proposed contract delivery method is a Construction Manager at Risk (CMaR) but could also be delivered through Competitive Sealed Proposals. If these assumptions prove to be incorrect, then budget would need to be adjusted accordingly. The average cost of similar BRW Architects projects that are currently in design or under construction is approximately **\$500/SF**.

The minimum recommended funding for the projected general construction contract or also called the Construction Cost Limit (CCL) for the scope identified in this study is:

Construction Cost Limit (CCL):

- Option A: \$9,975,000
- Option B: \$8,650,000
- Option C: \$7,770,000

Based upon past projects of similar scale and complexity, BRW incorporated anticipated costs into a Total Project Budget Analysis in order to derive a minimum recommended total project budget for the scope identified by this study. The same assumptions and cost exclusions that apply to the CCL calculation also apply to the total project budget analysis, see attached Budget Analysis worksheets for a breakdown of total project cost considerations. The escalation of cost is variable by year and highly dependent on unique market situations and world events could substantially affect estimated costs, for the purposes of this study budget escalation is set at **4% per year** to the proposed midpoint of construction in 75 months, or the summer of 2027.

Based upon this analysis, the minimum recommended total project budget for the scope identified in this study is:

Total Project Budget\*:

- Option A: \$15,943,000
- Option B: \$14,547,500
- Option C: \$11,946,000

\*The total Project Budget does not include cost of land acquisition.

# BUDGET SUMMARY



## Burleson Fire Station No.: 4

Preliminary Budget Analysis | Option A: Four-Bay

October 22, 2021

<b>Total Project Budget*</b>	<b>\$15,943,000</b>
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\* Not including land acquisition costs or other expenses to date

Construction (Fire Station & Site Development)	Square Feet	Probable Cost per SF	Estimated Option Cost
Building Construction Cost (Refer to Tab 5)	19,000	\$500	\$9,500,000
Owner's Contingency (in construction contract)		(5% of Const. Cost)	\$475,000
<b>Construction Contract Limit (CCL)</b>			<b>\$9,975,000</b>

Owner's Development Cost (ODC)  
 Owner's Furniture, Fixtures and Equipment (FF&E)  
 Professional Fees & Expenses (PF&E)

<b>Owner's Project Costs Outside of Construction (Estimated 25% of CCL)</b>	<b>\$2,500,000</b>
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<b>Owner's Total Probable Costs (CCL + ODC + FF&amp;E + PF&amp;E)*</b>	<b>\$12,475,000</b>
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<b>Cost Escalation (4% per year - 75 months to midpoint of construction)</b>	<b>\$3,468,000</b>
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Owner's Development Cost (ODC)	Owner's Furniture, Fixtures and Equipment (FF&E)
Owner's Contingency (3% outside of construction contract) Building Permit Fees Flood Plain Remediation (by Owner) Utility Company Fees Electrical Service Entrance Fee Natural Gas Fees Fiber Optics Extension Systems (Owner's Separate Contracts) Radio, Antenna, and Alerting Systems	Furniture, Fixtures and Equipment (FF&E) Voice / Data (cabling in Const. Contract) Audio Visual Equipment (cabling in Const. Contract) Access Control and Video Surveillance Systems Fitness Equipment

Professional Fees & Expenses (PF&E)	Professional Fees & Expenses (PF&E)
Design & Construction Basic Services Design & Construction Additional Services Civil Engineering Landscape & Irrigation Civil Site Plan & Landscape Plan Submittal to P&Z Storm Water Quality Management Plan Structured Floor Slab (in lieu of slab on grade) Structured Cabling (voice and data wiring) Audio Visual Systems Access Control & Surveillance	Construction - Owner's Expenses Testing and Inspections Construction Materials Testing Laboratory Fees Basic Commissioning (IECC 2015) Test and Balance Reports Owner Provided or Optional Architect Services Geotechnical Survey Boundary, Topographic, Utility and Tree Survey FF&E Design Services 2015 IBC Storm Shelter Design 2015 IBC Storm Shelter 3rd Party Design Review

# BUDGET SUMMARY



## Burleson Fire Station No.: 4

Preliminary Budget Analysis | Option B: Three-Bay

October 22, 2021

<b>Total Project Budget*</b>	<b>\$14,547,500</b>
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\* Not including land acquisition costs or other expenses to date

Construction (Fire Station & Site Development)	Square Feet	Probable Cost per SF	Estimated Option Cost
Building Construction Cost (Refer to Tab 5)	17,300	\$500	\$8,650,000
Owner's Contingency (in construction contract)		(5% of Const. Cost)	\$432,500
<b>Construction Contract Limit (CCL)</b>			<b>\$9,082,500</b>

Owner's Development Cost (ODC)  
 Owner's Furniture, Fixtures and Equipment (FF&E)  
 Professional Fees & Expenses (PF&E)

<b>Owner's Project Costs Outside of Construction (Estimated 25% of CCL)</b>	<b>\$2,300,000</b>
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<b>Owner's Total Probable Costs (CCL + ODC + FF&amp;E + PF&amp;E)*</b>	<b>\$11,382,500</b>
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<b>Cost Escalation (4% per year - 75 months to midpoint of construction)</b>	<b>\$3,165,000</b>
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Owner's Development Cost (ODC)	Owner's Furniture, Fixtures and Equipment (FF&E)
Owner's Contingency (3% outside of construction contract) Building Permit Fees Flood Plain Remediation (by Owner) Utility Company Fees Electrical Service Entrance Fee Natural Gas Fees Fiber Optics Extension Systems (Owner's Separate Contracts) Radio, Antenna, and Alerting Systems	Furniture, Fixtures and Equipment (FF&E) Voice / Data (cabling in Const. Contract) Audio Visual Equipment (cabling in Const. Contract) Access Control and Video Surveillance Systems Fitness Equipment

Professional Fees & Expenses (PF&E)	Professional Fees & Expenses (PF&E)
Design & Construction Basic Services Design & Construction Additional Services Civil Engineering Landscape & Irrigation Civil Site Plan & Landscape Plan Submittal to P&Z Storm Water Quality Management Plan Structured Floor Slab (in lieu of slab on grade) Structured Cabling (voice and data wiring) Audio Visual Systems Access Control & Surveillance	Construction - Owner's Expenses Testing and Inspections Construction Materials Testing Laboratory Fees Basic Commissioning (IECC 2015) Test and Balance Reports Owner Provided or Optional Architect Services Geotechnical Survey Boundary, Topographic, Utility and Tree Survey FF&E Design Services 2015 IBC Storm Shelter Design 2015 IBC Storm Shelter 3rd Party Design Review

# BUDGET SUMMARY



## Burleson Fire Station No.: 4

Preliminary Budget Analysis | Option C: Two-Bay

October 22, 2021

<b>Total Project Budget*</b>	<b>\$11,946,000</b>
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\* Not including land acquisition costs or other expenses to date

Construction (Fire Station & Site Development)	Square Feet	Probable Cost per SF	Estimated Option Cost
Building Construction Cost (Refer to Tab 5)	14,800	\$500	\$7,400,000
Owner's Contingency (in construction contract)		(5% of Const. Cost)	\$370,000
<b>Construction Contract Limit (CCL)</b>			<b>\$7,770,000</b>

Owner's Development Cost (ODC)  
 Owner's Furniture, Fixtures and Equipment (FF&E)  
 Professional Fees & Expenses (PF&E)

<b>Owner's Project Costs Outside of Construction (Estimated 25% of CCL)</b>	<b>\$2,000,000</b>
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<b>Owner's Total Probable Costs (CCL + ODC + FF&amp;E + PF&amp;E)*</b>	<b>\$9,770,000</b>
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<b>Cost Escalation (4% per year - 75 months to midpoint of construction)</b>	<b>\$2,176,000</b>
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Owner's Development Cost (ODC)	Owner's Furniture, Fixtures and Equipment (FF&E)
Owner's Contingency (3% outside of construction contract)	Furniture, Fixtures and Equipment (FF&E)
Building Permit Fees	Voice / Data (cabling in Const. Contract)
Flood Plain Remediation (by Owner)	Audio Visual Equipment (cabling in Const. Contract)
Utility Company Fees	Access Control and Video Surveillance Systems
Electrical Service Entrance Fee	Fitness Equipment
Natural Gas Fees	
Fiber Optics Extension	
Systems (Owner's Separate Contracts)	
Radio, Antenna, and Alerting Systems	

<b>Professional Fees &amp; Expenses (PF&amp;E)</b>	
Design & Construction Basic Services	Construction - Owner's Expenses
Design & Construction Additional Services	Testing and Inspections
Civil Engineering	Construction Materials Testing Laboratory Fees
Landscape & Irrigation	Basic Commissioning (IECC 2015)
Civil Site Plan & Landscape Plan Submittal to P&Z	Test and Balance Reports
Storm Water Quality Management Plan	Owner Provided or Optional Architect Services
Structured Floor Slab (in lieu of slab on grade)	Geotechnical Survey
Structured Cabling (voice and data wiring)	Boundary, Topographic, Utility and Tree Survey
Audio Visual Systems	FF&E Design Services
Access Control & Surveillance	2015 IBC Storm Shelter Design
	2015 IBC Storm Shelter 3rd Party Design Review

# SPACE PROGRAMMING SUMMARY

## Burleson Fire Station No.: 4

Building Space Program | Option A: Four-Bay

October 22, 2021

PROGRAM NEED		FLOOR AREA (square feet)	SPECIAL REQUIREMENTS / NOTES	
PUBLIC	Vestibule	80		
	Lobby	400	Multipurpose Breakout and Pre-Function Space	
	Public Restroom	130	(x2) Handicap/ADA Accessible Unisex RR @ 65 SF/ea.	
	Multipurpose/Training Room	1,200	Seats 40-45 in Training Mode	
	Multipurpose/Training Room Storage	200		
<b>SUB-TOTAL</b>		<b>2,010</b>		
POLICE	Report Writing Room	220		
	CRO Office	130	Multipurpose Breakout and Pre-Function Space	
	Conference Room/Future Office	130		
	Restroom/Shower	110	(x1) Unisex RR/Shwr @ 110 SF/ea.	
	Work/Copy	10		
<b>SUB-TOTAL</b>		<b>600</b>		
FIRE STATION	LIVING SPACE	Watch Room / Report Writing	220	
		Focus Rooms	140	(x2) at 70 SF/ea.
		Officer Office/Bed Room - Captain	220	
		Officer Restroom	110	
		Officer Office/Bed Room - Lieutenant	220	
		<b>Officer Office/Bed Room - Battalion Chief</b>	<b>220</b>	
		<b>Officer Restroom</b>	<b>110</b>	
		<b>Staff Sleeping Rooms</b>	<b>720</b>	(x8) Private Rooms @ 90 SF/ea.
		<b>Fire Fighter Restrooms / Shower</b>	<b>550</b>	(x5) IndividualTLT/Shwrs @ 110 SF/ea.
		Additional Restroom(s)	100	(x1) Near Phys training
		<b>Locker Room</b>	<b>360</b>	(x34) 2x4 Lockers (x3 Shifts + 2 hoteling)
		<b>Dayroom</b>	<b>400</b>	(x11) Recliners
		Kitchen and Pantries	600	(x4) walk-in Pantries, Refrigerators outside in Kitchen and shared freezer.
		<b>Dining</b>	<b>300</b>	
		<b>Physical Training</b>	<b>800</b>	Exercise equipment, fans
		Physical Training Storage	150	
		Laundry Room	180	(x2) Washers (x2) Dryers Folding countertop or table, storage cabinets
		General Storage	100	
		Janitorial Closet with Storage	100	
	EMS Storage	160		
IT / Communications	150	Fire station IT / communications etc.		
TRANSITION	Air Locks	215	Air locks to control fume migration from app bays into fire station. Ice Machine in 1 air lock	
	<b>Bunker Gear Lockers</b>	<b>500</b>	doubles as ICC 500 Storm Shelter	
	Equipment Decontamination	260	Extractor, Laundry, Equipment Decontamination	
	Human Decontamination	220	(x1) RR/Shwr @ 110 SF. Handwashing Stations	

# SPACE PROGRAMMING SUMMARY

BROWN REYNOLDS WATFORD  
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## Burleson Fire Station No.: 4

Building Space Program | Option A: Four-Bay

October 22, 2021

PROGRAM NEED	FLOOR AREA (square feet)	SPECIAL REQUIREMENTS / NOTES
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FIRE STATION	APPARATUS BAY / SUPPORT	Apparatus Bays	4,600	(x4) Bays, 4-fold doors at exit, Big Fans, Coiling Grilles for cross breeze.
		SCBA	240	
		Apparatus Bay Janitorial	70	
		Electrical Main	60	Most electrical panels, generator ATS
		Mezzanine General Storage		
		Mechanical Room / Mezzanine		Air Conditioning air handlers (for stations using split systems, usually on mezzanine)
		Attic or Mezzanine Stairs / Ladder	200	
		Electrical Main or Distribution	100	
		Fire / Domestic Risers	50	Requires direct outside door?: Y / N
		Lawn Storage	120	Lawn and outdoor maintenance storage / Irrigation control
		Hose Storage	-	Hose Drying Rack in Apparatus Bay

<b>SUB-TOTAL</b>	<b>12,545</b>
Sub-Total Net SF	15,155
Subtotal of Gross SF (25% of NET SF)	3,789
<b>TOTAL FLOOR AREA</b>	<b>18,944</b>
	square feet

\*Items in bold denote difference between options

# SPACE PROGRAMMING SUMMARY

## Burleson Fire Station No.: 4

Building Space Program | Option B: Three-Bay

October 22, 2021

	PROGRAM NEED	FLOOR AREA (square feet)	SPECIAL REQUIREMENTS / NOTES	
<b>PUBLIC</b>	Vestibule	80		
	Lobby	400	Multipurpose Breakout and Pre-Function Space	
	Public Restroom	130	(x2) Handicap/ADA Accessible Unisex RR @ 65 SF/ea.	
	Multipurpose/Training Room	1,200	Seats 40-45 in Training Mode	
	Multipurpose/Training Room Storage	200		
<b>SUB-TOTAL</b>		<b>2,010</b>		
<b>POLICE</b>	Report Writing Room	220		
	CRO Office	130	Multipurpose Breakout and Pre-Function Space	
	Conference Room/Future Office	130		
	Restroom/Shower	110	(x1) Unisex RR/Shwr @ 110 SF/ea.	
	Work/Copy	10		
<b>SUB-TOTAL</b>		<b>600</b>		
<b>FIRE STATION</b>	<b>LIVING SPACES</b>	Watch Room / Report Writing	220	
		Focus Rooms	140	(x2) at 70 SF/ea.
		Officer Office/Bed Room - Captain	220	
		Officer Restroom	110	
		Officer Office/Bed Room - Lieutenant	220	
		<b>Officer Office/Bed Room - Battalion Chief</b>	<b>220</b>	
		<b>Officer Restroom</b>	<b>110</b>	
		<b>Staff Sleeping Rooms</b>	<b>720</b>	(x8) Private Rooms @ 90 SF/ea.
		<b>Fire Fighter Restrooms / Shower</b>	<b>550</b>	(x5) IndividualTLT/Shwrs @ 110 SF/ea.
		Additional Restroom(s)	100	(x1) Near Phys training
		Locker Room	360	(x34) 2x4 Lockers (x3 Shifts + 2 hoteling)
		<b>Dayroom</b>	<b>400</b>	(x11) Recliners
		Kitchen and Pantries	600	(x4) walk-in Pantries, Refrigerators outside in Kitchen and shared freezer.
		<b>Dining</b>	<b>300</b>	
		<b>Physical Training</b>	<b>600</b>	Exercise equipment, fans
		Physical Training Storage	150	
		Laundry Room	180	(x2) Washers (x2) Dryers Folding countertop or table, storage cabinets
		General Storage	100	
		Janitorial Closet with Storage	100	
		EMS Storage	160	
IT / Communications	150	Fire station IT / communications etc.		
<b>TRANSITION</b>	Air Locks	215	Air locks to control fume migration from app bays into fire station. Ice Machine in 1 air lock	
	<b>Bunker Gear Lockers</b>	<b>500</b>	doubles as ICC 500 Storm Shelter	
	Equipment Decontamination	260	Extractor, Laundry, Equipment Decontamination	
	Human Decontamination	220	(x1) RR/Shwr @ 110 SF. Handwashing Stations	

# SPACE PROGRAMMING SUMMARY

BROWN REYNOLDS WATFORD  
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## Burleson Fire Station No.: 4

Building Space Program | Option B: Three-Bay

October 22, 2021

PROGRAM NEED	FLOOR AREA (square feet)	SPECIAL REQUIREMENTS / NOTES
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FIRE STATION APPARATUS BAY / SUPPORT	Apparatus Bays	3,450	(x3) Bays, 4-fold doors at exit, Big Fans, Coiling Grilles for cross breeze.
	SCBA	240	
	Apparatus Bay Janitorial	70	
	Electrical Main	60	Most electrical panels, generator ATS
	Mezzanine General Storage		
	Mechanical Room / Mezzanine		Air Conditioning air handlers (for stations using split systems, usually on mezzanine)
	Attic or Mezzanine Stairs / Ladder	200	
	Electrical Main or Distribution	100	
	Fire / Domestic Risers	50	Requires direct outside door?: Y / N
	Lawn Storage	120	Lawn and outdoor maintenance storage / Irrigation control
	Hose Storage	-	Hose Drying Rack in Apparatus Bay

<b>SUB-TOTAL</b>	<b>11,195</b>
Sub-Total Net SF	13,805
Subtotal of Gross SF (25% of NET SF)	3,451
<b>TOTAL FLOOR AREA</b>	<b>17,256</b>
	square feet

\*Items in bold denote difference between options

# SPACE PROGRAMMING SUMMARY

## Burleson Fire Station No.: 4

Building Space Program | Option C: Two-Bay

October 22, 2021

	PROGRAM NEED	FLOOR AREA (square feet)	SPECIAL REQUIREMENTS / NOTES	
<b>PUBLIC</b>	Vestibule	80		
	Lobby	400	Multipurpose Breakout and Pre-Function Space	
	Public Restroom	130	(x2) Handicap/ADA Accessible Unisex RR @ 65 SF/ea.	
	Multipurpose/Training Room	1,200	Seats 40-45 in Training Mode	
	Multipurpose/Training Room Storage	200		
<b>SUB-TOTAL</b>		<b>2,010</b>		
<b>POLICE</b>	Report Writing Room	220		
	CRO Office	130	Multipurpose Breakout and Pre-Function Space	
	Conference Room/Future Office	130		
	Restroom/Shower	110	(x1) Unisex RR/Shwr @ 110 SF/ea.	
	Work/Copy	10		
<b>SUB-TOTAL</b>		<b>600</b>		
<b>FIRE STATION</b>	<b>LIVING AREAS</b>	Watch Room / Report Writing	220	
		Focus Rooms	140	(x2) at 70 SF/ea.
		Officer Office/Bed Room - Captain	220	
		Officer Restroom	110	
		Officer Office/Bed Room - Lieutenant	220	
		<b>Staff Sleeping Rooms</b>	<b>540</b>	(x6) Private Rooms @ 90 SF/ea.
		<b>Fire Fighter Restrooms / Shower</b>	<b>440</b>	(x4) IndividualTLT/Shwrs @ 110 SF/ea.
		Additional Restroom(s)	100	(x1) Near Phys training
		<b>Locker Room</b>	<b>300</b>	(x26) 2x4 Lockers (x3 Shifts + 2 hoteling)
		<b>Dayroom</b>	<b>300</b>	(x8) Recliners
		Kitchen and Pantries	600	(x4) walk-in Pantries, Refrigerators outside in Kitchen and shared freezer.
		<b>Dining</b>	<b>250</b>	
		<b>Physical Training</b>	<b>600</b>	Exercise equipment, fans
		Physical Training Storage	150	
		Laundry Room	180	(x2) Washers (x2) Dryers Folding countertop or table, storage cabinets
		General Storage	100	
		Janitorial Closet with Storage	100	
		EMS Storage	160	
	IT / Communications	150	Fire station IT / communications etc.	
	<b>TRANSITION</b>	Air Locks	215	Air locks to control fume migration from app bays into fire station. Ice Machine in 1 air lock
<b>Bunker Gear Lockers</b>		<b>400</b>	doubles as ICC 500 Storm Shelter	
Equipment Decontamination		260	Extractor, Laundry, Equipment Decontamination	
Human Decontamination	220	(x1) RR/Shwr @ 110 SF. Handwashing Stations		

# SPACE PROGRAMMING SUMMARY

BROWN REYNOLDS WATFORD  
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## Burleson Fire Station No.: 4

Building Space Program | Option C: Two-Bay

October 22, 2021

PROGRAM NEED		FLOOR AREA (square feet)	SPECIAL REQUIREMENTS / NOTES
FIRE STATION	APPARATUS BAY/SUPPORT		
	Apparatus Bays	2,400	(x2) Bays, 4-fold doors at exit, Big Fans, Coiling Grilles for cross breeze.
	SCBA	240	
	Apparatus Bay Janitorial	70	
	Electrical Main	60	Most electrical panels, generator ATS
	Mezzanine General Storage		
	Mechanical Room / Mezzanine		Air Conditioning air handlers (for stations using split systems, usually on mezzanine)
	Attic or Mezzanine Stairs / Ladder	200	
	Electrical Main or Distribution	100	
	Fire / Domestic Risers	50	Requires direct outside door?: Y / N
Lawn Storage	120	Lawn and outdoor maintenance storage / Irrigation control	
Hose Storage	-	Hose Drying Rack in Apparatus Bay	

<b>SUB-TOTAL</b>	<b>9,215</b>
Sub-Total Net SF	11,825
Subtotal of Gross SF (25% of NET SF)	2,956
<b>TOTAL FLOOR AREA</b>	<b>14,781</b>
	square feet

\*Items in bold denote difference between options



**BURLESON FIRE STATION NO.: 4 | FOUR - BAY**

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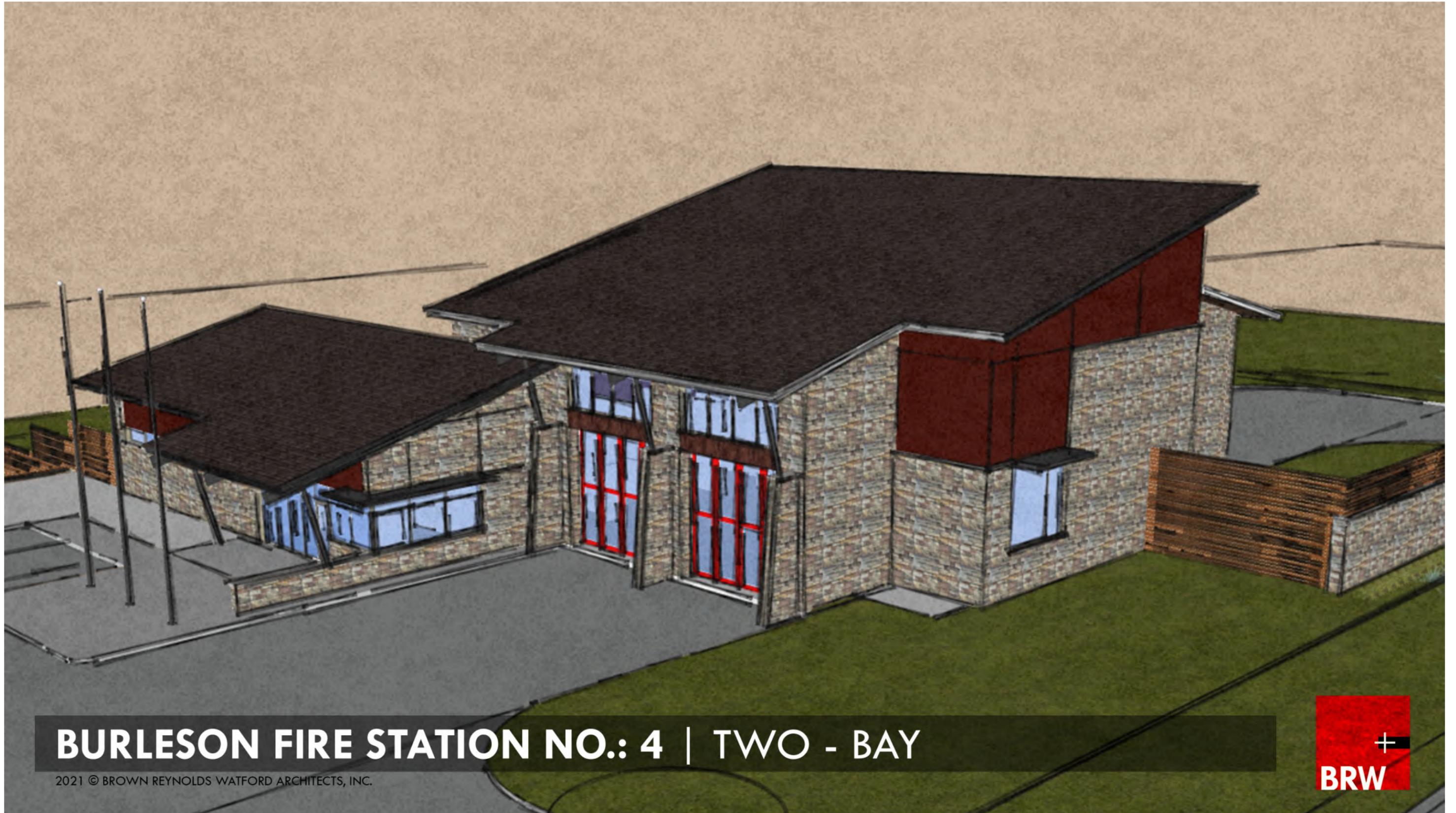




# BURLESON FIRE STATION NO.: 4 | THREE - BAY

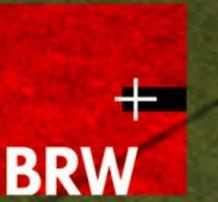
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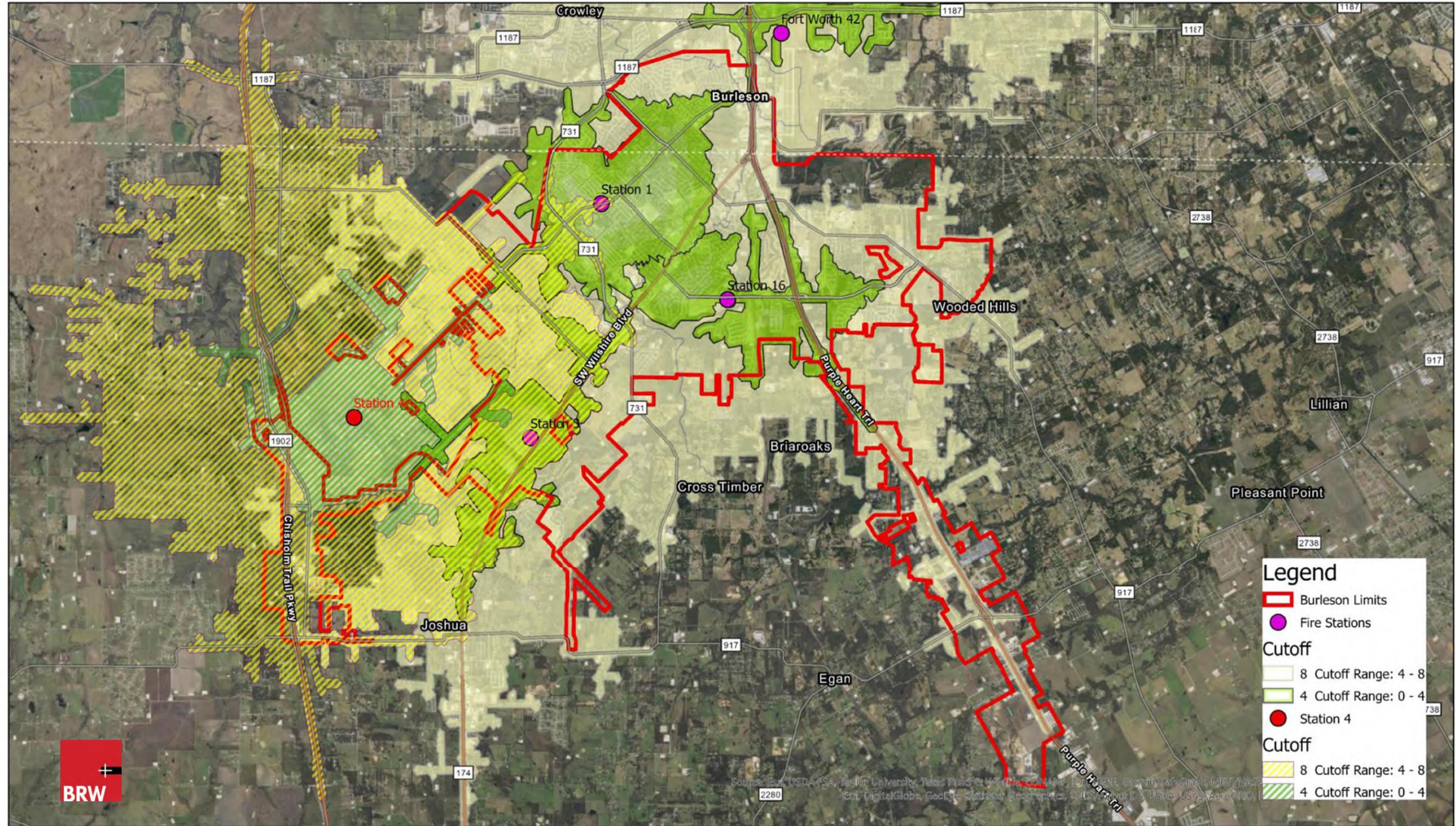




# BURLESON FIRE STATION NO.: 4 | TWO - BAY

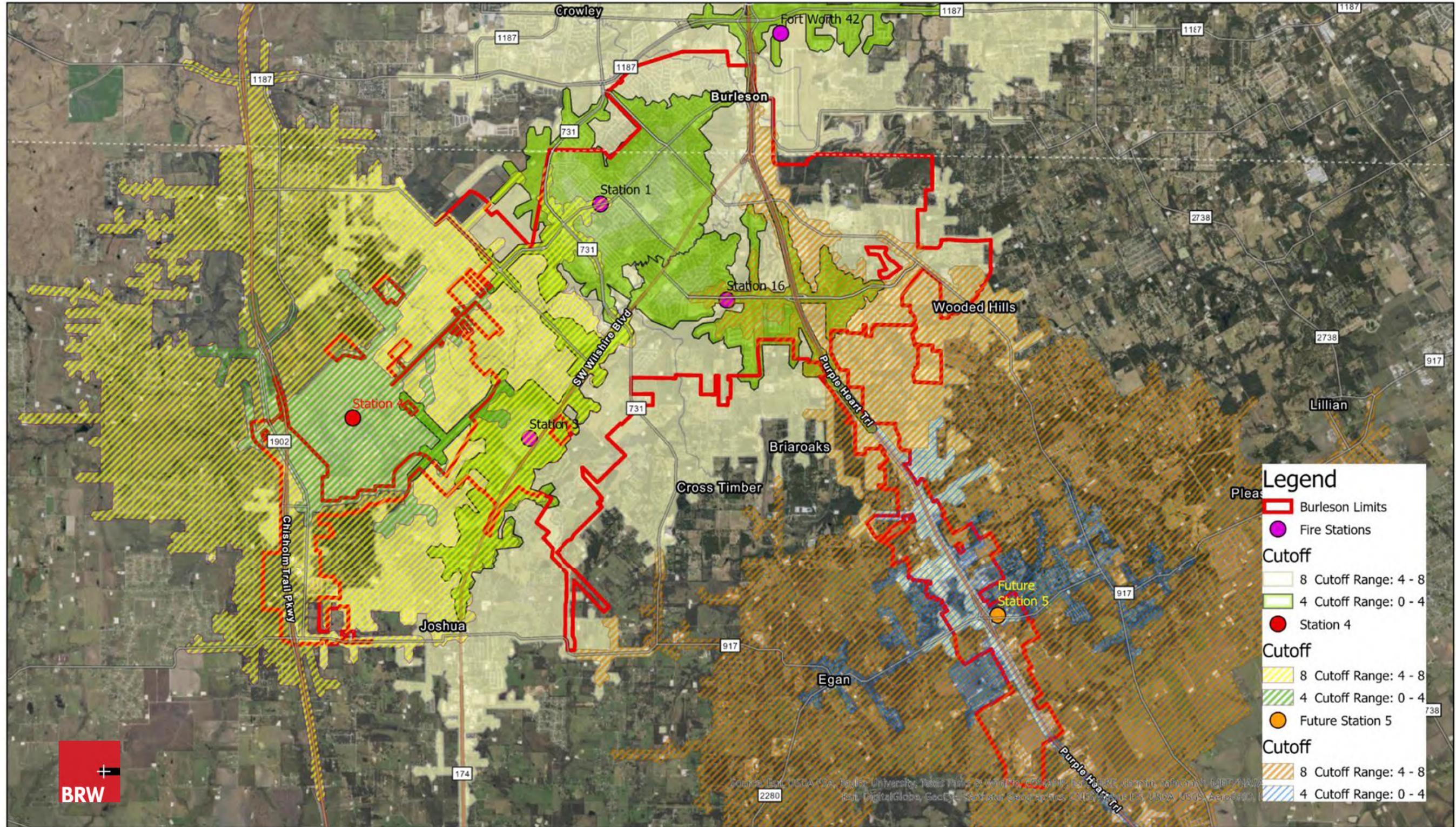
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Burleson Fire Coverage Map



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