

Public Safety

PROGRAM DESCRIPTION

Fairfax County continues to demand the timely delivery of modern, efficient public safety services. The provision of an appropriate level of service requires facility improvements of three general types: construction of new facilities to provide improved service levels; construction of new facilities to replace temporary rented or substandard quarters; and renovation and/or expansion of existing facilities. Public Safety facilities include those associated with Fire and Rescue, Police and Animal Control and E-911 communications.

LINK TO THE COMPREHENSIVE PLAN

Fairfax County's Comprehensive Plan has established a number of objectives and policies in order to:

- ✓ Establish and maintain, at a minimum, a 7-minute total response time coverage for fire and rescue emergencies to at least 95 percent of the County's population.
- ✓ Locate fire stations on a street with a traffic signal with pre-emption capability at a nearby intersection.
- ✓ Build new fire and rescue stations in the Tysons Corner area; and continue to renovate older existing Fire Stations.
- ✓ Build a new police station, and/or other public safety facility in the Laurel Hill area.
- ✓ Establish a centralized police vehicle storage center to provide a secure area for vehicles involved in fatal accident investigations, surveillance vehicle storage and police vehicle preparation.
- ✓ Maintain the current Animal Shelter on West Ox Road, and construct a new animal shelter in the southeast portion of the County.

Source: 2017 Edition of the Fairfax County Comprehensive Plan, Areas II (amended through 4-4-2017), III (amended through 9-26-2017), and IV (amended through 3-14-2017), and the Policy Plan Element, Public Facilities Section (amended through 7-25-2017), as amended.

PROGRAM INITIATIVES

On November 3, 2015, the voters approved a Public Safety Bond Referendum to fund the renovation/expansion of the Franconia Police Station, the Police Tactical Operations Facility at Pine Ridge and the replacement of the Emergency Vehicle Operations Center (EVOC) and K9 Center. These facilities are well beyond their useful life expectancy and are currently undersized to meet the current functions/operations of the Police Department. In addition, the referendum supports a new Heliport and a new South County Police Station with a co-located full service Animal Shelter. Future projects include upgrades to the Mason District Police



Reston Police Station

Station and the Criminal Justice Academy. Both of these facilities require renovations/expansion to meet the current police program and operational needs, as well as updating of the building systems that has exceeded their intended life cycles. In addition, the Police Department Annex Building opened in July 1961 and is in need of renovation/expansion or replacement. This facility houses the Department's Central Records Division, Warrant Desk, Victim Services Section, Citizen Reporting Unit and the Property and Evidence Section. The Property and Evidence Section is responsible for storing over a quarter-million pieces of property and evidence in this building, which is currently beyond its effective capacity. Due to fire code and load capacities, evidence storage is limited to the first level of the building and storage cannot be expanded to the second and third levels. Future stations requiring renovation include the West Springfield Police Station, the Sully Police Station, and the Mount Vernon Police Station.

The projected growth of Tysons as part of Tysons Redevelopment requires a new Tysons District Station to provide urban-style police service for the area. A new police station has been identified as a potential public facility proffer as part of the redevelopment and will be negotiated in partnerships with the developer.

In addition, the Police Department has identified a need for a storage facility to store vehicles that are seized. These vehicles are currently being stored without cover causing them to be adversely affected by environmental conditions before the seized asset disposition can be determined. Several options are evaluated to accommodate this requirement including both long and short term solutions.



McLean Police Station

The Fire and Rescue Department's Fire Station Location Master Plan serves as the general plan for locating fire and rescue stations in the County. The Master Plan defines criteria such as population, incident activity, development types and densities, road networks, target hazards, and response times for determining where future stations are needed. This Plan is used to identify requirements for new Fire Stations in the County. A Fire Station Condition Assessments study was completed for 11 volunteer-owned fire stations and 21 of the 24 County-owned fire stations. The study evaluated the condition and functionality of these stations including the ability to meet current operational requirements. The results of this assessment, in conjunction with the increasing demand to provide accommodations (bunkroom, shower and locker facilities) for the Fire and Rescue Department's female personnel, have been utilized to plan and prioritize existing facility improvements as well as identify the potential need to replace existing stations.

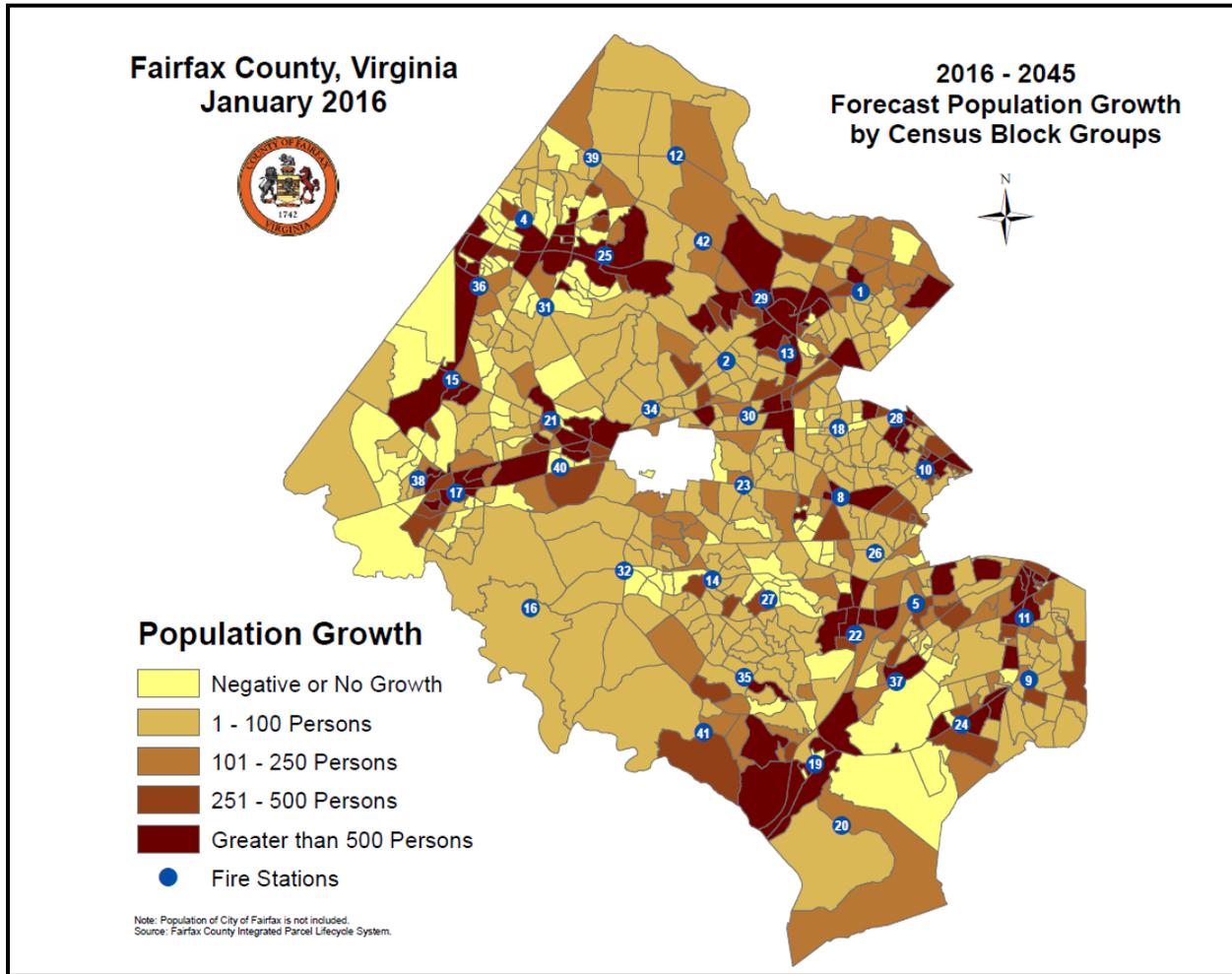


Herndon Fire Station

Tysons fire station in Tysons West were negotiated as part of a development proffer. In early 2013, land as well as design and construction of a second fully functional fire station in Tysons East was negotiated through a development partnership to support future growth in Tysons.

Long range plans for the Fire and Rescue Department include planning and developing future infill fire and rescue stations to meet the service needs of projected high-density commercial and residential growth areas throughout the County. The Fire and Rescue Department conducts research on response times and best practices in resource allocation to optimize service delivery and to prioritize funding needs for new stations and for renovating/expanding or replacing existing stations to meet future service demand. The Dulles Metrorail expansion and anticipated development along the Dulles Toll Road will impact the need to maintain fire and rescue response times and service levels in the McLean, Tysons, Reston, and Herndon areas.

The map that follows depicts the population densities as compared to the existing Fire Station locations. This map is one of the tools used to prioritize Fire and Rescue Department projects for future planning.



Fire Station #	Fire Station Name	Fire Station #	Fire Station Name
1	McLean	23	West Annandale
2	Vienna	24	Woodlawn
4	Herndon	25	Reston
5	Franconia	26	Edsall Road
8	Annandale	27	West Springfield
9	Mount Vernon	28	Seven Corners
10	Bailey's Crossroads	29	Tysons Corner
11	Penn Daw	30	Merrifield
12	Great Falls	31	Fox Mill
13	Dunn Loring	32	Fairview
14	Burke	34	Oakton
15	Chantilly	35	Pohick
16	Clifton	36	Frying Pan
17	Centreville	37	Kingstowne
18	Jefferson	38	West Centreville
19	Lorton	39	North Point
20	Gunston	40	Fairfax Center
21	Fair Oaks	41	Crosspointe
22	Springfield	42	Wolftrap

CURRENT PROJECT DESCRIPTIONS

1. **Jefferson Fire Station - 2012** (Mason District): \$15,700,000 for a new two-story replacement fire station with 5 apparatus bays at the site of the existing station. The original fire station built in 1953 was a Volunteer station which has far exceeded its useful life cycle and needs to be replaced to meet current operational requirements. The project also includes a temporary fire station off-site to maintain fire and rescue services during construction. This project was approved as part of the fall 2012 Public Safety Bond Referendum. The station is currently in construction.
2. **Lorton Volunteer Fire Station** (Mount Vernon District): \$14,140,000 for a new, two-story, 4-bay Lorton Volunteer Fire Station, demolition of the existing fire station, a temporary fire station during construction, and associated site improvements to the 3.3 acre site. The original fire station was built in 1961 as a Volunteer station which has exceeded its useful life cycle and needs to be replaced to meet current operational requirements. Per an Agreement with the Lorton Volunteer Fire Department and the Board of Supervisors, a new County-owned replacement station including volunteer space will be constructed at the existing site. An agreement with the Volunteers to transfer ownership of the land and facility to the Board of Supervisors was approved on June 17, 2014. The project is currently in construction.
3. **Merrifield Fire Station - 2015** (Providence District): \$9,000,000 to renovate/expand the existing station which was constructed in 1979. Renovations are needed to replace building systems and infrastructure that has outlived their life expectancy and to renovate/expand space vacated by the Providence District Supervisor's office, now located at the Providence Community Center. The existing station lacks sufficient living accommodations for female personnel, a workout facility to maintain physical fitness and space for operations support functions. Merrifield is one of the revitalization areas in the county targeted for high-density commercial and residential development which will impact future demand for both emergency and non-emergency services. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the design phase.
4. **Reston Fire Station - 2015** (Hunter Mill District): \$14,800,000 for a replacement facility will address outdated infrastructure and critical operational space deficiencies. The existing 2 ½ bay station lacks sufficient space for existing equipment, operational support functions, adequate female living space and a workout facility to maintain physical fitness. Reston is one of the areas projected for high-density commercial and residential development as a result of the expansion of the Metrorail to Dulles Airport. A larger replacement fire station with multi-functional response capabilities will be constructed at the existing site to address the anticipated increased demand for emergency medical, fire suppression, and all hazards services. An off-site temporary fire station will be provided during construction. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the design phase.
5. **Penn Daw Fire Station - 2015** (Mount Vernon District): \$15,400,000 for a renovated/expanded or replacement fire station. The Penn Daw Fire Station was constructed in 1967 as a volunteer station and is one of the oldest and busiest in the County. The station's apparatus bays are outdated and undersized with very low ceilings and are unable to house a Tiller truck. Tiller trucks are strategically placed in densely populated areas of the County. This station lacks adequate living quarters for female personnel and requires replacement of building systems that have far exceeded their intended life cycles. The Penn Daw Fire Station's response area covers the northern section of the Richmond Highway Corridor. Population growth, changing demographics, and increased residential and commercial development will increase the demand for emergency and non-emergency services. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the design phase.
6. **Woodlawn Fire Station - 2015** (Mount Vernon District): \$11,900,000 for renovated/expanded or replacement of this 2 ½ bay station to a 4 bay station. The Woodlawn Fire Station was constructed in 1970 and has undersized apparatus bays, inadequate female living quarters, no space for operations management and very limited parking. Building systems and infrastructure are well beyond their intended life cycle, and there is currently inadequate office space and workout space. The Woodlawn Fire Station's response area covers the southern section of the Richmond Highway Corridor. Population growth, changing demographics, and increased residential and commercial development will increase demand for emergency and non-emergency services. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the design phase.

7. **Edsall Fire Station - 2015** (Mason District): \$12,100,000 for design and construction of a renovated/expanded or replacement 4-bay fire station. Edsall Fire Station was constructed in 1974 and requires upgrades to building systems and infrastructure that are well beyond the end of their life cycle. In addition, the station's 2 ½ apparatus bays are undersized, female living facilities are inadequate, and space is needed to conduct field operations, management and support functions. A replacement fire station provides flexibility and capacity to add emergency responders and units to improve response times to emergency incidents and to meet future demand for all services resulting from population growth and development in the surrounding areas. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the design phase.
8. **Mt Vernon Fire Station - 2018** (Mount Vernon District): \$16,000,000 for a renovation/expansion or replacement fire station with 4 larger apparatus bays. This station was constructed in 1969 and requires building systems and infrastructure upgrades based on equipment that is beyond the end of its life cycle. In addition, apparatus bays are undersized, female living facilities are inadequate and space is needed to conduct field operations, management and support functions. The Mount Vernon response area includes the Richmond Highway Corridor which is one of the revitalization areas in the county targeted for commercial and residential development. Population growth, changing demographics, and high-density commercial development will increase the demand for emergency medical, fire suppression and all hazards services. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.
9. **Fairview Fire Station - 2018** (Springfield District): \$16,000,000 for a renovated/expanded or replacement fire station with 4 apparatus bays. This station was constructed in 1981 and requires upgrades to building systems and infrastructure that are beyond the end of their life cycle. In addition, apparatus bays are undersized, female living facilities are inadequate and space is needed to conduct field operations, management and support functions. Future department plans include locating a Tanker at the Fairview Station because the station's response area includes areas of the county that do not have hydrants. A Tanker is needed to significantly improve response times and effectiveness of fire suppression resources in these areas that lack sufficient water resources. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.
10. **Gunston Fire Station - 2018** (Mount Vernon District): \$13,000,000 for a renovated/expanded or replacement fire station with 3 apparatus bays. This station was constructed in 1976 and requires building systems and infrastructure upgrades based on equipment that is beyond the end of its life cycle. In addition, apparatus bays are undersized, female living facilities are inadequate and space is needed to conduct field operations, management and support functions. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.
11. **Seven Corners Fire Station - 2018** (Mason District): \$13,000,000 for a renovated/expanded or replacement fire station with 3 apparatus bays. This station was constructed in 1977 and requires building systems and infrastructure upgrades based on equipment that is beyond the end of its life cycle. In addition, apparatus bays are undersized, female living facilities are inadequate and space is needed to conduct field operations, management and support functions. The Seven Corners station's response area includes Baileys Crossroads which is projected to experience population growth and high-density commercial and residential development which will increase the demand for emergency medical, fire suppression, and all hazards services. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.
12. **Volunteer Station - 2018** (TBD): \$15,000,000 for a renovated/expanded or replacement Volunteer fire station. Based on the recent transition of both the Bailey's Crossroads Volunteer Fire Station and the Lorton Volunteer Fire Station to Fairfax County, this project is included to plan for any future possible volunteer fire and rescue stations being transferred to Fairfax County. There are eight remaining volunteer fire and rescue stations, which are approximately 40 years old and older. If a transfer were to occur, the building systems and infrastructure are expected to be well beyond the end of their life cycle and the station would require significant upgrades to meet the current fire and rescue operational needs. Staff is currently working on several potential transfers. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.

13. **Traffic Light Preemptive Devices** (Countywide): \$140,300 has been received in proffer revenue to date, associated with the Fire Department's Emergency Vehicle Preemption Program. The Emergency Vehicle Preemptive Program provides for the installation of vehicle preemption equipment on designated traffic signals along primary travel routes from the closest fire stations to a planned development. The goal of the Preemption Program initiative is to improve response times to emergency incidents as well as safety for firefighters, residents, and visitors in Fairfax County.
14. **South County Police Station/Animal Shelter – 2015** (Mt Vernon District): \$33,700,000 for a new Police Station with Animal Services in the southern portion of the County. Currently the Franconia and West Springfield District Police Stations service the business and residential areas in central and southern areas of Fairfax County. This additional Police Station will allow the department to organize smaller patrol areas and decrease response times throughout the County. The station will also house a second Animal Shelter. Currently one Animal Shelter supports an estimated 5,500 companion animals and 2,000 wildlife animals each year. Animals in the south county area must be transported long distances to the current shelter. The South County Animal Shelter will offer services such as rabies clinics, pet adoptions, spray and neuter services, wildlife education and a volunteer program in a location convenient to this portion of the County. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the design phase.
15. **Police Heliport - 2015** (Springfield District): \$13,000,000 for a new Heliport. The current facility was constructed in 1984 and no longer meets the needs of the specialized staff and equipment assigned to the 24/7 facility. The flight officers, pilots, paramedics and maintenance crews perform more than 150 helicopter missions per month and more than 80 medical evacuations per year. The existing helicopter equipment, locker, storage and training spaces are insufficient to meet current operational needs. The facility was constructed to house two small helicopters; however, the current twin engine helicopters require larger hangars. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the pre-design phase.
16. **Police Tactical Operations - 2015** (Mason District): \$24,000,000 for the facility that houses the Operations Support Bureau (OSB) including the Traffic Division and Special Operations Division (SWAT, K9, bomb squad). The current facility was originally an elementary school that was renovated in 1985. Office space, training rooms and secure storage for specialty equipment is inadequate and space is required to support the 24/7 operations. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the design phase.
17. **Emergency Vehicle Operations and K9 Center – 2015** (Sully District): \$10,000,000 to replace the existing Emergency Vehicle Operations Center (EVOC) and K9 Training facility. These two facilities are located on the same site and training space is housed in two double-wide trailers. Approximately 1,300 county police officers as well as new recruits are trained at the facility. The EVOC was built as a temporary structure in 1995 and suffers from inadequate building support systems, pipes that consistently freeze in the winter months, pest infestation and insufficient space for training and vehicle maintenance. The current K9 facility is a small shed with very limited capabilities or space. A new building will house both the EVOC and the K9 sections. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the pre-design phase.
18. **Franconia Police Station – 2015** (Lee District): \$23,000,000 to renovate/expand or replace this facility which currently supports 130 officers and 30 non-sworn personnel serving approximately 51 square miles of the County. The facility was built in 1992 and houses the Lee District Supervisor's Office and the Franconia Museum. The building systems have reached the end of their useful life and the facility currently lacks adequate interviews rooms, property evidence rooms, locker rooms, an exercise room, office space and parking is limited to support the specialty units conducting operations within the District. The amount of staff and equipment operating out of the facility has far surpassed the size of the station. This project was approved as part of the fall 2015 Public Safety Bond Referendum and is currently in the design phase.

19. **Police Evidence Storage Annex – 2018** (Providence District): \$18,000,000 to renovate/expand or replace the existing Evidence Storage Building which currently houses the Warrant Desk, the Victim Services Section and the main Property and Evidence Section. The second and third floors are not able to adequately support high density storage, so very little can be stored above the first level of the building. Expansion of the storage area for the Police Property and Evidence Section is critical. Many of the items stored are critical evidence for court presentations, and their preservation is paramount. Adequate climate controlled storage is needed to properly store this property in an organized manner. Strict accountability and oversight is necessary to meet accreditation standards. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.
20. **Mason Police Station – 2018** (Mason District): \$23,000,000 to renovate and upgrade building systems and infrastructure that are well beyond the end of their life cycle and to meet current and future operational needs of the police and governmental center operations. The current facility, built in 1975, does not have adequate office, storage, workout, or interview spaces. This facility must operate 24/7 and does not currently support operations. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.
21. **Criminal Justice Academy – 2018** (Sully District): \$18,000,000 to renovate and upgrade the Criminal Justice Academy which currently provides training for 2,300 annual recruits and incumbents from the Fairfax County Police and Sheriff, and the towns of Herndon and Vienna. The current facility has outgrown the capability to provide innovative training to recruits and incumbent officers and the academic and scenario based training rooms do not meet the needs for today's training. In addition, some of the building systems and infrastructure are beyond the end of their life cycle. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.
22. **Feasibility Studies** (Countywide): \$280,689 to conduct feasibility studies at various Public Safety Facilities to determine the scope of renovations required.
23. **Tysons East Fire Station** (Providence): \$800,000 to support project management, construction management services and some station enhancements to be consistent with other fire stations throughout the County.
24. **Tysons Fire Station** (Providence): \$1,417,152 to support the design and construction of a replacement Tysons Fire Station.
25. **Tysons Redevelopment Facilities Study** (Countywide): \$343,678 to support a facilities study associated with the Tysons area redevelopment.

**PROJECT COST SUMMARIES
PUBLIC SAFETY
(\$000's)**

Project Title Project Number	Source of Funds	Budgeted or Expended Through FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY2019- FY2023	Total FY2024- FY2028	Total Project Estimate
1 Jefferson Fire Station - 2012 FS-000010	B	\$8,715	\$6,000	\$840	\$145			\$6,985		\$15,700
2 Lorton Volunteer Fire Station FS-000011	B	\$4,140	\$7,500	\$2,400	\$100			\$10,000		\$14,140
3 Merrifield Fire Station - 2015 FS-000013	B	\$1,630	\$1,700	\$2,600	\$2,300	\$670	\$100	\$7,370		\$9,000
4 Reston Fire Station - 2015 FS-000014	B	\$3,210	\$5,680	\$4,430	\$1,450	\$30		\$11,590		\$14,800
5 Penn Daw Fire Station - 2015 FS-000015	B	\$5,808	\$2,092	\$3,200	\$2,100	\$2,100	\$100	\$9,592		\$15,400
6 Woodlawn Fire Station - 2015 FS-000016	B	\$2,360	\$2,150	\$3,900	\$3,390	\$100		\$9,540		\$11,900
7 Edsall Fire Station - 2015 FS-000017	B	\$2,825	\$2,375	\$3,800	\$3,000	\$100		\$9,275		\$12,100
8 Mt Vernon Fire Station - 2018 TBD	B	\$0		\$450	\$500	\$1,400	\$7,200	\$9,550	\$6,450	\$16,000
9 Fairview Fire Station - 2018 TBD	B	\$0		\$450	\$500	\$1,400	\$7,200	\$9,550	\$6,450	\$16,000
10 Gunston Fire Station - 2018 TBD	B	\$0		\$350	\$450	\$1,200	\$5,800	\$7,800	\$5,200	\$13,000
11 Seven Corners Fire Station - 2018 TBD	B	\$0		\$350	\$450	\$1,200	\$5,800	\$7,800	\$5,200	\$13,000
12 Volunteer Fire Station - 2018 TBD	B	\$0		\$350	\$450	\$1,200	\$5,800	\$7,800	\$7,200	\$15,000
13 Traffic Light Preemptive Devices PS-000008	X	\$140						\$0		\$140
14 South Co Police/Animal Shelter - 2015 PS-000009	B	\$4,800	\$2,100	\$11,000	\$12,000	\$3,500	\$300	\$28,900		\$33,700
15 Police Heliport - 2015 PS-000010	B	\$500	\$700	\$2,650	\$4,900	\$4,000	\$250	\$12,500		\$13,000
16 Police Tactical Operations - 2015 PS-000011	B	\$1,230	\$630	\$9,460	\$9,860	\$2,520	\$300	\$22,770		\$24,000

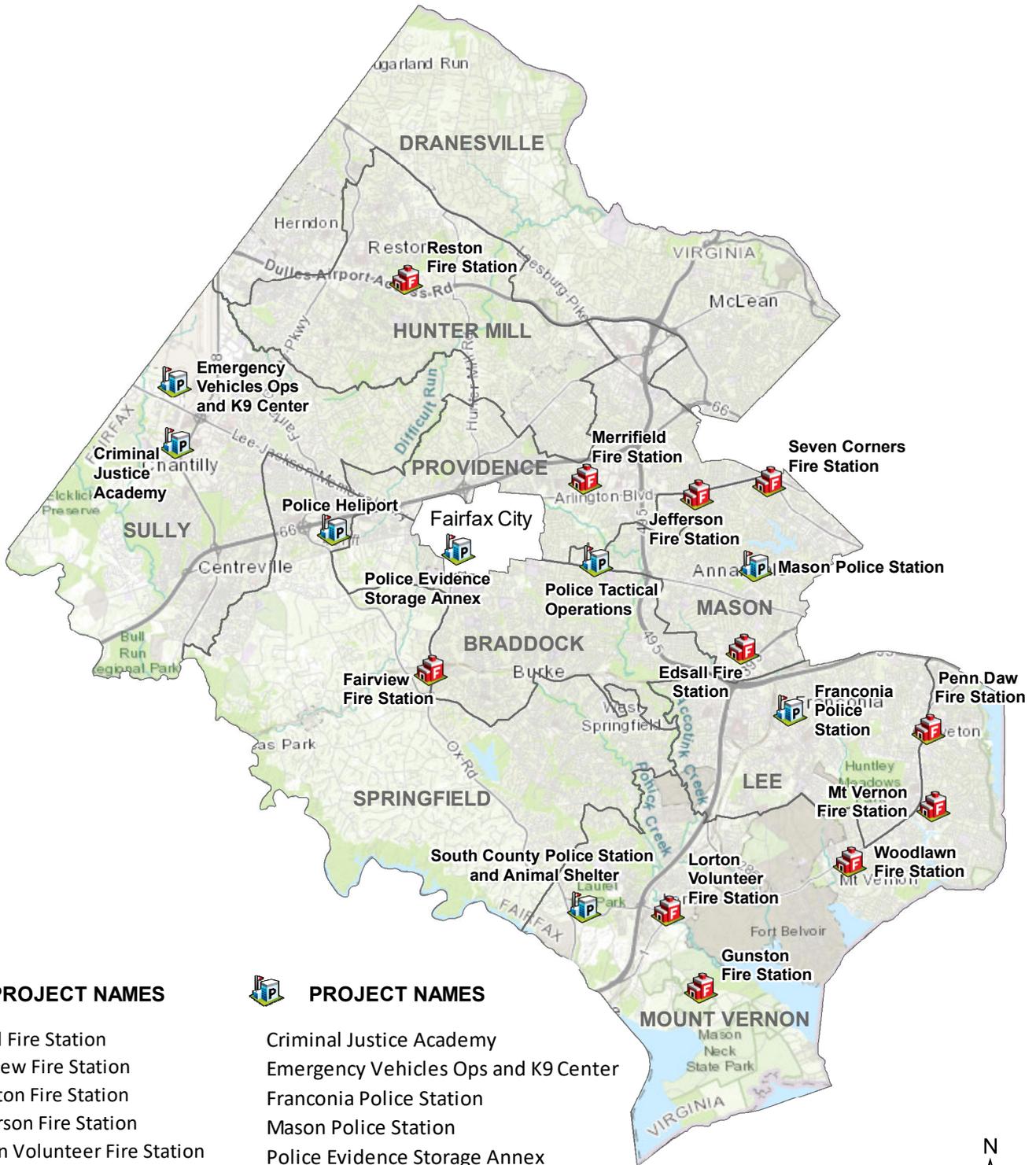
**PROJECT COST SUMMARIES
PUBLIC SAFETY
(\$000's)**

Project Title Project Number	Source of Funds	Budgeted or Expended Through FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total FY2019- FY2023	Total FY2024- FY2028	Total Project Estimate
17 Emergency Vehicle Ops. and K9 Ctr - 2015 PS-000012	B	\$500	\$700	\$2,500	\$4,200	\$2,000	\$100	\$9,500		\$10,000
18 Franconia Police Station - 2015 PS-000013	B	\$1,300	\$800	\$8,500	\$10,040	\$2,160	\$200	\$21,700		\$23,000
19 Police Evidence Storage Annex - 2018 TBD	B	\$0		\$700	\$1,100	\$6,400	\$7,500	\$15,700	\$2,300	\$18,000
20 Mason Police Station - 2018 TBD	B	\$0		\$900	\$1,300	\$5,300	\$6,500	\$14,000	\$9,000	\$23,000
21 Criminal Justice Academy - 2018 TBD	B	\$0		\$700	\$1,100	\$6,400	\$7,500	\$15,700	\$2,300	\$18,000
22 Feasibility Studies 2G25-103-000	G	\$281						\$0		\$281
23 Tysons East Fire Station FS-000043	X	\$800						\$0		\$800
24 Tysons Fire Station FS-000042	X	\$1,417						\$0		\$1,417
25 Tysons Redevelopment Facilities Study 2G25-082-000	X	\$344						\$0		\$344
Total		\$40,000	\$32,427	\$59,530	\$59,335	\$41,680	\$54,650	\$247,622	\$44,100	\$331,722

Notes: Numbers in **bold italics** represent funded amounts. A "C" in the 'Budgeted or Expended' column denotes a continuing project.

Key: Source of Funds
 B Bonds
 G General Fund
 S State
 F Federal
 X Other
 U Undetermined

PUBLIC SAFETY PROJECT LOCATIONS



 **PROJECT NAMES**

- Edsall Fire Station
- Fairview Fire Station
- Gunston Fire Station
- Jefferson Fire Station
- Lorton Volunteer Fire Station
- Merrifield Fire Station
- Mt Vernon Fire Station
- Penn Daw Fire Station
- Reston Fire Station
- Seven Corners Fire Station
- Woodlawn Fire Station

 **PROJECT NAMES**

- Criminal Justice Academy
- Emergency Vehicles Ops and K9 Center
- Franconia Police Station
- Mason Police Station
- Police Evidence Storage Annex
- Police Heliport
- Police Tactical Operations
- South County Police Station and Animal Shelter

