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.
- ✓ Evaluate the need for 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.
- ✓ 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.
- ✓ Maintain the current Animal Shelter on West Ox Road, and construct a new animal shelter in the southeast portion of the County, preferably in the Springfield/Mount Vernon area, and collocated with other County facilities.

Source: 2007 Edition of the Fairfax County Comprehensive Plan, Areas II, III, and IV, and the Policy Plan Element, Public Facilities Section, as amended.

CURRENT PROGRAM INITIATIVES

Police

On November 3, 2015, the voters approved a Public Safety Bond Referendum to fund the renovation 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 or renovated Heliport and a new South County Police Station with a co-located full service Animal Shelter.

Future projects also include upgrades to the Mason District Police Station and the Criminal Justice Academy. Both of these facilities have exceeded their intended life cycle and require renovations/expansion to meet the current police program and operational needs. 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.

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 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.

Fire and Rescue

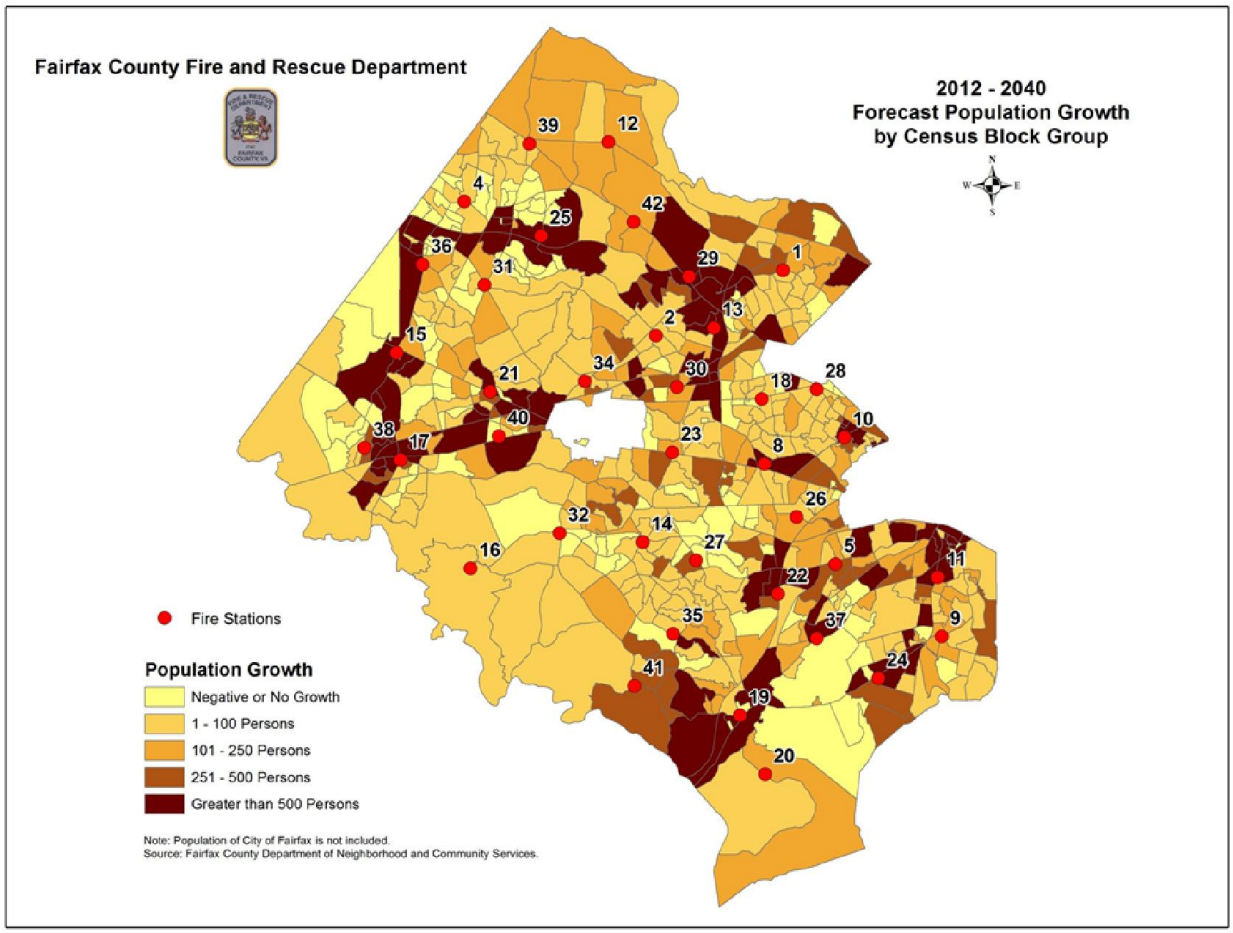
The Fire and Rescue Department's Fire Station Location Master Plan serves as the general plan for locating fire and rescue stations in the County. The Master Plan defines criteria such as population, incident activity, development types and densities, road networks, target hazards, and response times for determining where future stations are needed. As a result, the West Centreville, Kingstowne, North Point, Fairfax Center, Crosspointe and Wolftrap Fire and Rescue Stations were constructed.

In June 2010, the Fairfax County Board of Supervisors adopted the Tysons Corner Comprehensive Plan which includes a relocation of the existing Tysons Fire and Rescue Station and identifies areas for two additional fire stations to support development over the next twenty years. In 2011, the space as well as design and construction of a fully functional replacement 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.

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, will be utilized to plan and prioritize facility improvements as well as identify the potential need to replace existing stations.

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. **Public Safety Headquarters** (Braddock District): $142,021,000 to relocate the headquarters of the Police Department and the Fire and Rescue Department, currently located in the 166,777 square foot Massey Building. Built in the 1960s, the Massey Building serves as the existing headquarters. This building has outlived its useful life after first serving as the main government center until the 1990s. Its electrical system is overloaded, and the building suffers from recurring power outages. The heating and cooling system is outdated and replacement parts often are not available. The building is sheathed in asbestos, making it difficult, if not impossible, to make repairs. The Massey Building experienced two failures in 2009 and one in 2013, due to HVAC chillers failures, that required staff in the building to vacate and relocate. The new facility will contain approximately 274,000 square feet of space, and include secure, adjacent structured parking, containing 850 spaces. Funding for this project was provided from 2006 public safety bonds in the amount of $8,000,000, the General Fund in the amount of $521,000 and EDA bonds in the amount of $133,500,000.

2. **Herndon Fire Station** (Dranesville District): $13,350,000 for a new fire station located at the existing Herndon Fire Station site. The new, larger station is needed to meet current operational requirements of the Fire and Rescue Department including apparatus bays that provide flexibility for future equipment, living and operations areas for larger station staff, and bunkroom and locker facilities for female personnel. The project also includes a temporary fire station to maintain fire and rescue services during construction. This project was approved as part of the fall 2012 Public Safety Bond Referendum and is currently under construction.

3. **Jefferson Fire Station** (Mason District): $14,000,000 for full design and construction of 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 will also include 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.

4. **Lorton Volunteer Fire Station** (Mount Vernon District): $13,350,000 for design and construction of 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.

5. **Merrifield Fire Station** (Providence District): $8,000,000 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.

6. **Reston Fire Station** (Hunter Mill District): $13,000,000 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. This project was approved as part of the fall 2015 Public Safety Bond Referendum.

7. **Penn Daw Fire Station** (Mount Vernon District): $10,000,000 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 place 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.

8. **Woodlawn Fire Station** (Mount Vernon District): $10,000,000 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.

9. **Edsall Fire Station** (Mason District): $10,000,000 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.

10. **Mount Vernon Fire Station** (Mount Vernon District): $11,000,000 for a renovated/expanded 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.

11. **Fairview Fire Station** (Springfield District): $11,000,000 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.

12. **Gunston Fire Station** (Mount Vernon District): $11,000,000 for a renovated/expanded or replacement fire station with 4 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.

13. **Seven Corners Fire Station** (Mason District): $11,000,000 for a renovated/expanded or replacement fire station with 4 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.

14. **Fox Mill Fire Station** (Hunter Mill District): $11,000,000 for a renovated/expanded or replacement fire station with 4 apparatus bays. This station was constructed in 1979 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 Fox Mill fire station's response areas include Reston, Herndon and the Route 28 corridor which is targeted for high density commercial and residential development in conjunction with the Silver Line Metrorail to Dulles Airport. Population growth, changing demographics, and high-density development will increase the demand for emergency and non-emergency services. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.

15. **South County Police Station and Animal Shelter** (TBD): $30,000,000 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.

16. **Police Heliport** (Springfield District): $13,000,000 for a new or renovated 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.

17. **Police Tactical Operations Facility at Pine Ridge** (Mason District): $24,000,000 to renovate the existing old elementary school that was renovated in 1985. The Operations Support Bureau (OSB) houses the Traffic Division and Special Operations Division (SWAT, K9, bomb squad) at this location. Office space, training rooms and secure storage for specialty equipment is inadequate. A renovated and expanded facility will provide the necessary space to support 24/7 operations throughout the County. This project was approved as part of the fall 2015 Public Safety Bond Referendum.

18. **Emergency Vehicle Operations Center** (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.

19. **Franconia Police Station** (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.

20. **Police Evidence Storage Annex** (Providence District): $18,000,000 to renovate/expand or replace the existing Evidence Storage Building which currently houses the Central Records Section, 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.

21. **Mason Police Station** (Mason District): $9,000,000 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 the facility does not currently support operations. This project is scheduled as part of the fall 2018 Public Safety Bond Referendum.

22. **Criminal Justice Academy** (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.

PROJECT COST SUMMARIES
PUBLIC SAFETY
($000's)

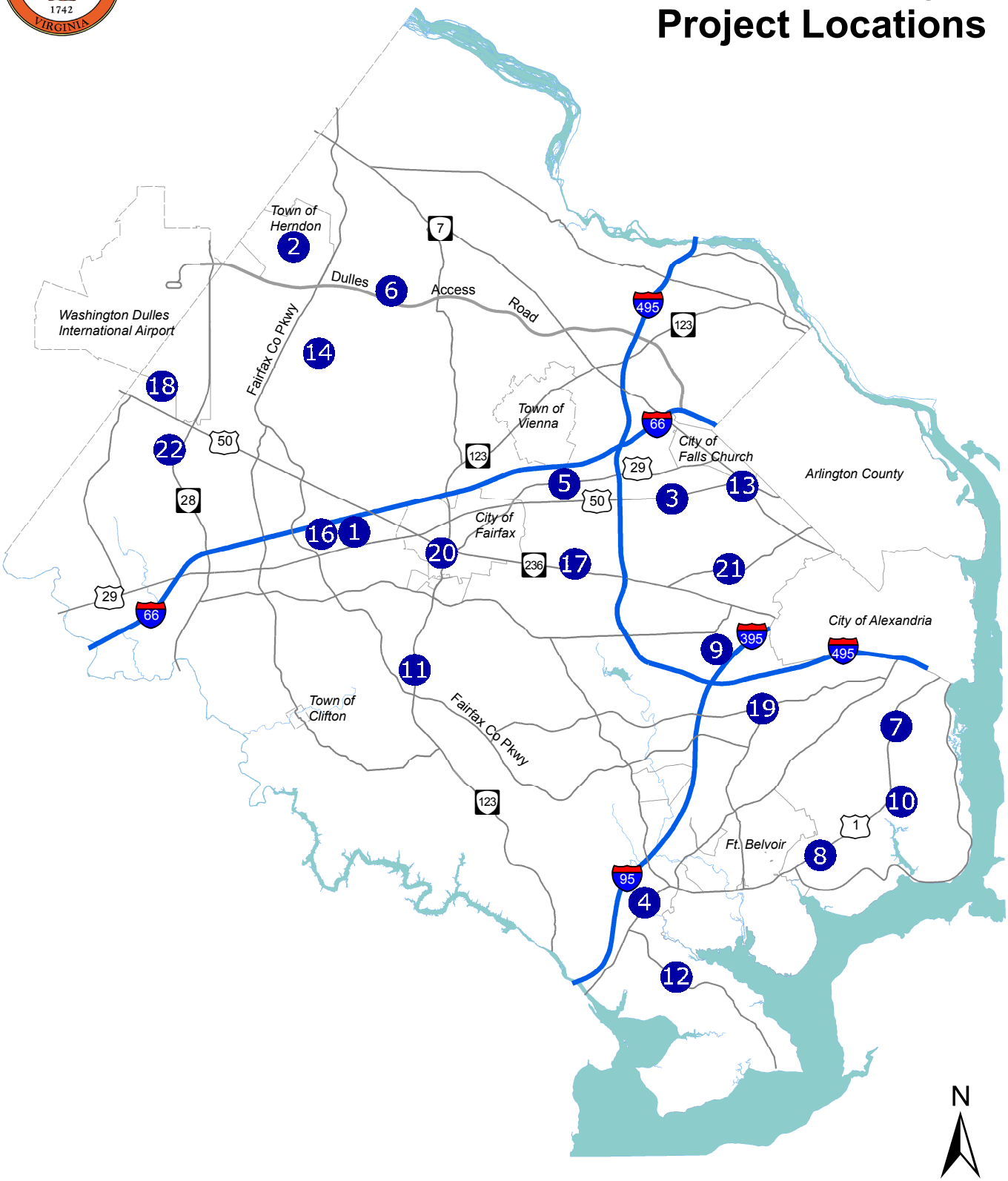
	Project Title/ Project Number	Source of Funds	Budgeted or Expended Through FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total FY2017-FY2021	Total FY2022-FY2026	Total Project Estimate
1	Public Safety Headquarters / PS-000006	G,B	***104,167***	***30,000***	***7,000***	***854***			37,854		142,021
2	Herndon Fire Station / FS-000006	B	***9,938***	***3,000***	***412***				3,412		13,350
3	Jefferson Fire Station / FS-000010	B	***2,400***	***8,200***	***2,400***	***1,000***			11,600		14,000
4	Lorton Fire Station / FS-000011	B	***1,250***	***4,100***	***4,000***	***3,000***	***1,000***		12,100		13,350
5	Merrifield Fire Station / FS-000013	B	***0***	***800***	***800***	***3,000***	***3,000***	***400***	8,000		8,000
6	Reston Fire Station / FS-000014	B	***0***	***1,160***	***1,160***	***5,180***	***5,050***	***450***	13,000		13,000
7	Penn Daw Fire Station / FS-000015	B	***0***	***880***	***880***	***3,970***	***3,880***	***390***	10,000		10,000
8	Woodlawn Fire Station / FS-000016	B	***0***		***880***	***880***	***3,970***	***3,880***	9,610	390	10,000
9	Edsall Fire Station / FS-000017	B	***0***		***880***	***880***	***3,970***	***3,880***	9,610	390	10,000
10	Mt Vernon Fire Station / TBD	B	***0***				1,040	1,040	2,080	8,920	11,000
11	Fairview Fire Station / TBD	B	***0***				1,040	1,040	2,080	8,920	11,000
12	Gunston Fire Station / TBD	B	***0***				1,040	1,040	2,080	8,920	11,000
13	Seven Corners Fire Station / TBD	B	***0***					1,040	1,040	9,960	11,000
14	Fox Mill Fire Station / TBD	B	***0***					1,040	1,040	9,960	11,000
15	South County Police Station and Animal Shelter / PS-000009	B	***0***	***2,680***	***2,680***	***9,100***	***11,240***	***3,950***	29,650	350	30,000
16	Police Heliport / PS-000010	B	***0***	***1,160***	***1,160***	***5,180***	***5,050***	***450***	13,000		13,000
17	Police Tactical Operations Facility at Pine Ridge / PS-000011	B	***0***		***2,320***	***2,320***	***6,040***	***9,760***	20,440	3,560	24,000
18	Emergency Vehicle Operations Center / PS - 000012	B	***0***		***880***	***880***	***3,970***	***3,880***	9,610	390	10,000
19	Franconia Police Station / PS-000013	B	***0***	***2,040***	***2,040***	***6,990***	***8,640***	***3,030***	22,740	260	23,000
20	Police Evidence Storage Annex / TBD	B	***0***				1,600	1,600	3,200	14,800	18,000
21	Mason Police Station / TBD	B	***0***				720	720	1,440	7,560	9,000
22	Criminal Justice Academy / TBD	B	***0***				1,760	1,760	3,520	14,480	18,000
	TOTAL		***$117,755***	$54,020	$27,492	$43,234	$63,010	$39,350	$227,106	$88,860	$433,721

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

Key: Stage of Development	
	Feasibility Study or Design
	Land Acquisition
	Construction

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

Public Safety Project Locations



Note: Map numbers correspond to project descriptions in the text and cost summary tables. Only CIP projects with selected, fixed sites are shown on the map.

Distance in Miles
0 1 2 3 4

Public Safety
Project Locations

1 Public Safety Headquarters
2 Herndon Fire Station
3 Jefferson Fire Station
4 Lorton Volunteer Fire Station
5 Merrifield Fire Station
6 Reston Fire Station
7 Penn Daw Fire Station
8 Woodlawn Fire Station
9 Edsall Fire Station
10 Mount Vernon Fire Station
11 Fairview Fire Station
12 Gunston Fire Station
13 Seven Corners Fire Station
14 Fox Mill Fire Station
16 Police Heliport
17 Police Tactical Operations Facility
18 Emergency Vehicle Operations Center
19 Franconia Police Station
20 Police Evidence Storage Annex
21 Mason Police Station
22 Criminal Justice Academy