# 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, Office of the Sheriff, 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; replace the Herndon, Jefferson, Lorton and Woodlawn Fire Stations at the existing locations.
- ✓ Renovate/expand the existing Fair Oaks, McLean, and Reston Police Stations.
- ✓ Plan for a new fire and rescue station, 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 satellite 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

A Courts/Public Safety Complex Master Plan is underway to evaluate the overall Complex and determine how to accommodate the functions currently housed in the Massey Building that will not move to the new Headquarters building. This study will also evaluate how to best utilize vacated space in the Burkeholder Building, and develop a comprehensive plan for the various facilities and functions in the Complex.

### Police

On November 7, 2006, the voters approved a Public Safety Bond Referendum to fund the expansion and renovation of the Reston, Fair Oaks and McLean District Stations as well as the renovation of the existing Animal Shelter building. Construction of these renovation and expansion projects is now underway. Each of these facilities had exceeded its intended life cycle and required renovation/expansion or replacement to meet existing service delivery demands.

The Police Department has identified the Police Heliport at the West Ox Road Complex as a critical facility in need of renovation/expansion or replacement. The facility has exceeded its intended life cycle and no longer meets the needs of the Police Department. The facility is deficient in office space, classroom space, parts storage space, paramedic training requirements as well as staff locker areas. In addition, the current helicopter bay size is inadequate to perform efficient and safe maintenance procedures.

Renovation of the Franconia and Mason District Stations remain a priority for the Police Department. Both have exceeded their intended life cycle and require renovations/expansions to meet the current police program and operational needs. 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. Expansion of police services in South County remains a priority as well. Police service in southern Fairfax County is currently provided by officers of the Franconia and West Springfield District Stations. As population and calls for service in this area increase, having a full-service District Station within South County will be beneficial for both citizens and the Police Department.

The Emergency Vehicle Operations Center (EVOC) and K-9 Training Facility needs to be replaced and expanded and is considered by the Police Department to be a high priority. The current EVOC consists of portable trailers which are inadequate in size, outdated and no longer meet the training needs of the Police Department. Due to an expansion of the K-9 Unit and an increased level of police service delivery in Fairfax County, there is a need for a centralized training classroom at the existing K-9 training center – adjacent to the EVOC.

The Police Department has a critical need for a Vehicle Storage Facility with ample space for large specialty vehicles equipped with sensitive equipment. These vehicles are currently being stored without cover causing them to be adversely affected by environmental conditions. A separate vehicle storage warehouse would accommodate this need as well as additional space provided in any future new or renovation/expansion facility.

The Police Department Annex Building opened in July 1961 as the Fairfax County Police Headquarters and now houses the Agency'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. Additionally, the large volume of citizen visitors to the Central Records portion of the building are met with a small, outdated service area which does not represent a quality service environment.

Lastly, the Operations Support Bureau provides specialized support services necessary for safely and effectively executing both routine and complex field operations, such as traffic control and enforcement, safety education, and specialized weapons and tactical response for critical events. The Operations Support Bureau is currently housed in the Pine Ridge facility, an old elementary school experiencing many building inefficiencies. A top priority for the Police Department is to correct the inefficiencies with the facility.

A Police Facility Master Plan is now underway to: 1) determine the replacement and expansion required for the Police Heliport facility to accommodate the 24/7 operations and training needs; 2) determine the extent of the replacement facility necessary for the Emergency Vehicle Operations Center (EVOC) and K-9 Training Facilities; 3) determine both a short term and long term solution for the specialty vehicle storage investigating the Laurel Hill, Pope's Head and adjacent Crosspointe Fire Station sites; 4) assess the Police Annex Building to determine if the aging structure can be upgraded and modified to support the current requirements for the facility; 5) determine the extent of renovation and expansion requirements to accommodate the Police Operations Support Bureau and its functions at the current site; and 6) provide a conceptual study for a South County Police Station investigating the Laurel Hill area. The Police Facility Master Plan Study will be used to further define the priorities and determine the scope and budget requirements for future funding.

Future projects including the Criminal Justice Academy main campus and an Animal Shelter in South County will be necessary as the population in those sections of the county increase.

**Fire and Rescue**

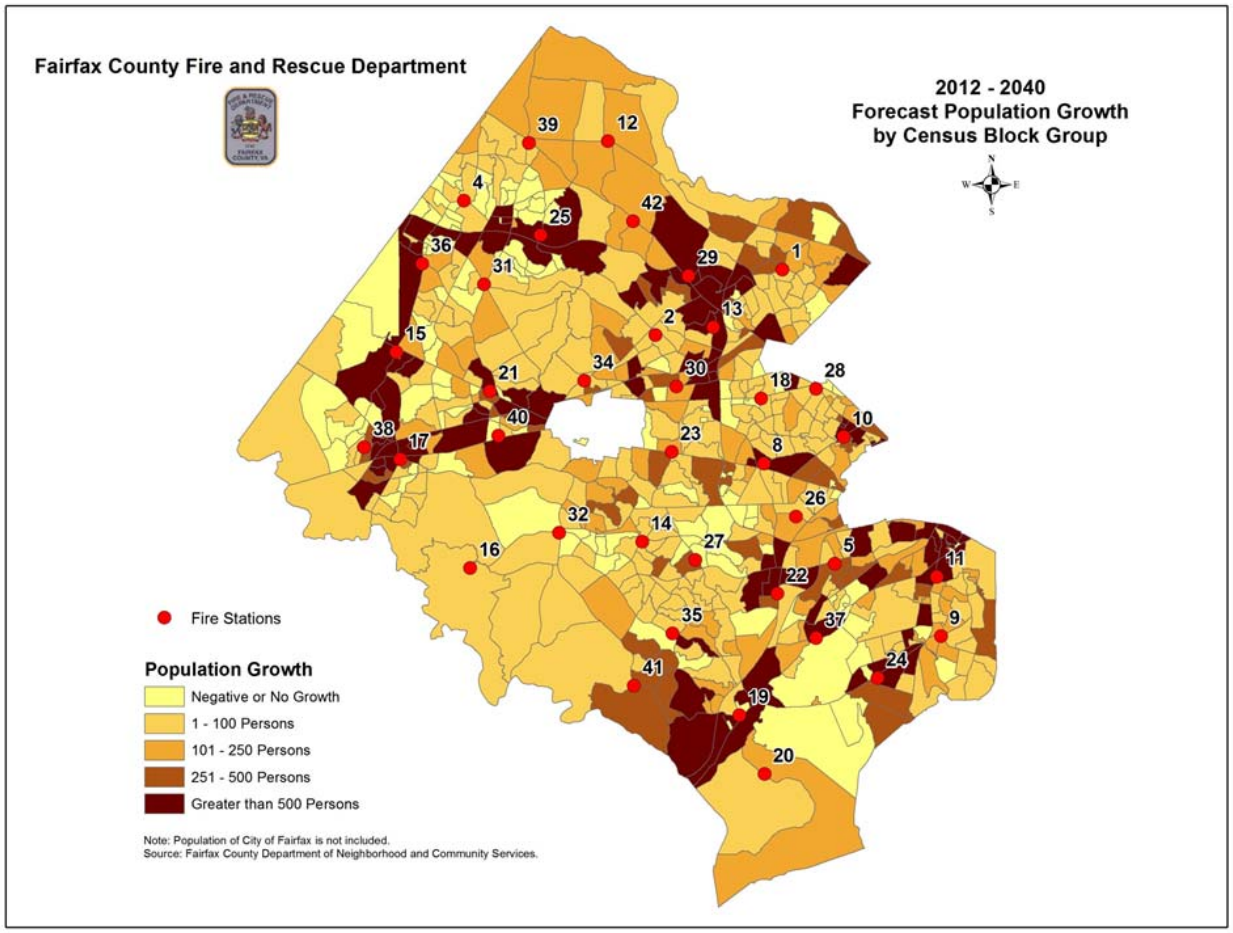
The Fire and Rescue Department's Fire Station Location Master Plan serves as the general plan for locating fire and rescue stations in the County. The Master Plan defines criteria such as population, incident activity, development types and densities, road networks, target hazards, and response times 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. The Wolftrap Fire Station was staffed, equipped, and open for 24/7 operational emergency response in 2014.

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 was 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 fire and rescue stations to meet the service needs of projected high 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 or relocating 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 |

**Other Public Safety Requirements**

In addition, both Police and Fire are currently in need of warehouse space to ensure emergency equipment is "strategy deployable," while also ensuring its longevity and functionality. Additional warehouse space would provide storage for vehicles, emergency supplies, protective equipment and a designated and secure area for large seizures of evidence items. The County may take advantage of any shorter term opportunities, like leasing, lease purchase or other options that may arise to satisfy this requirement.

## CURRENT PROJECT DESCRIPTIONS

### NEW CONSTRUCTION

1. **Public Safety Headquarters** (Springfield District): $158,482,000 to relocate the headquarters of the Police Department and the Fire and Rescue Department, currently located in the 166,777 square foot Massey Building, which was constructed in 1967. The building has many inefficiencies and experienced two failures in 2009 and one in 2013, due to HVAC chillers and associated components, that required staff in the building to vacate and relocate. To date, remaining 2006 public safety bond funding and some General Fund funding totaling $8,521,000 has been appropriated to support permitting and design for the project. The new facility will contain approximately 274,000 square feet of space, and include secure, adjacent structured parking, containing 850 spaces. Additional funding will be required for construction. It is anticipated that remaining construction funding will be provided through Economic Development Authority (EDA) bonds.

### RENEWALS/ADDITIONS

2. **Herndon Fire Station** (Dranesville District): $13,350,000 for the design of a new fire station located at the existing Herndon Fire Station site. The new, larger station is needed to meet the current operational requirements of the Fire and Rescue Department including equipment bays that provide the flexibility for future equipment, living and operations areas for larger station staff, and bunkroom and locker facilities for female personnel. The project will also include 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.

3. **McLean Police Station** (Dranesville District): $20,100,000 for full design and construction of major renovations and infrastructure renewal at the existing police station, and expansion to meet current and future operational and staffing requirements at the station. The project also includes renovations of the Dranesville district supervisor's office. Funds for the renovation and expansion of the Police Station were approved as part of the 2006 Public Safety Bond Referendum. This project is currently under construction.

4. **Reston Police Station** (Hunter Mill District): $18,800,000 for full design and construction of a new, two-story police station on the current site. The project will provide the necessary area to mitigate existing overcrowded conditions, and meet future operational staffing requirements at the station. Funds for the police station were approved as part of the 2006 Public Safety Bond Referendum. This project is currently under construction.

5. **Fair Oaks Police Station** (Sully District): $17,100,000 for full design and construction of major renovations, infrastructure renewal and expansion at the existing police station. The project will address major building systems that are at or near the end of their useful life cycle, and will provide expansion necessary to mitigate existing overcrowded conditions and to meet future operational staffing requirements at the station. Facility renewal and minor expansion will also be included to address the most critical needs of the existing Fair Oaks Fire Station that is co-located at this facility. Funds for the renovation and expansion were approved as part of the 2006 Public Safety Bond Referendum. This project has recently completed construction.

6. **West Ox Animal Shelter Expansion and Renewal** (Springfield District): $16,100,000 for full design and construction of major renovations, infrastructure renewal and expansion at the existing animal shelter. The project will address major building systems that are at or near the end of their useful life cycle, and will provide expansion necessary to mitigate existing overcrowded conditions at the shelter. Funds for the renovation and expansion were approved as part of the 2006 Public Safety Bond Referendum. Construction is nearing completion on this project.

7. **Fire and Rescue Academy (West Ox Site Phase I Improvements)** (Springfield District): $17,100,000 for full design and construction for the expansion/renovation of the existing West Ox Fire Training Academy. The project includes replacing the major building systems that are at the end of their useful life cycle, addressing the current lack of capacity for recruit and emergency medical training and meeting future training requirements. This project is funded through the 2006 Public Safety Bond Referendum. This project is currently under construction.

8. **Bailey's Crossroads Fire Station** (Mason District): $12,057,000 for full design and construction of a new fire station and a temporary facility during construction. On February 8, 2010, the roof over the apparatus bay of the Bailey's Crossroads Volunteer Fire Station collapsed due to the heavy snow load. This facility is over 35 years old; therefore County staff and members of the Bailey's Cross Roads Volunteer Fire Department agreed that the existing station should be replaced to meet current operational requirements. Per an Agreement and Memorandum of Understanding executed in fall 2010, a new County-owned replacement station will be constructed at the existing site combined with the adjacent Board of Supervisors owned property. The Volunteer's insurance money was allocated to fund design of the new station. In addition, this project was approved as part of the fall 2012 Public Safety Bond Referendum. This project is currently under construction.

9. **Jefferson Fire Station** (Mason District): $14,000,000 is required for full design and construction of a new replacement fire station 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. This project was approved as part of the fall 2012 Public Safety Bond Referendum.

10. **Lorton Volunteer Fire Station Study** (Mount Vernon District): $150,000 for a feasibility study to determine options for a new replacement fire station at the site of the existing station. 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. Future funding is required to fund design and construction of the new station.

**OTHER**

11. **Traffic Light Signalization** (Countywide): $968,000 for a continuing program to install traffic light systems at priority fire and rescue station locations. Traffic systems may include traffic lights, station warning signals and/or preemption systems.

# PROJECT COST SUMMARIES
# PUBLIC SAFETY
# ($000's)

| | Project Title/ Project Number | Source of Funds | Budgeted or Expended Through FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | Total FY2015-FY2019 | Total FY2020-FY2024 | Total Project Estimate |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **NEW CONSTRUCTION** | | | | | | | | | | |
| 1 | Public Safety Headquarters / PS-000006 | G,B | ***18,000*** | 75,000 | 55,000 | 10,482 | | | 140,482 | | 158,482 |
| | **RENEWALS/ADDITIONS** | | | | | | | | | | |
| 2 | Herndon Fire Station / FS-000006 | B | ***3,550*** | ***6,200*** | ***2,800*** | ***800*** | | | 9,800 | | 13,350 |
| 3 | McLean Police Station / PS-000005 | B | ***15,330*** | ***3,800*** | ***970*** | | | | 4,770 | | 20,100 |
| 4 | Reston Police Station / PS-000004 | B | ***12,929*** | ***5,400*** | ***471*** | | | | 5,871 | | 18,800 |
| 5 | Fair Oaks Police Station / PS-000003 | B | ***14,886*** | ***1,424*** | ***790*** | | | | 2,214 | | 17,100 |
| 6 | West Ox Animal Shelter Renovation/Expansion / OP-000001 | B | ***12,000*** | ***2,100*** | ***2,000*** | | | | 4,100 | | 16,100 |
| 7 | Fire and Rescue Academy (West Ox Site) - Phase I Improvements / FS-000008 | B | ***11,607*** | ***5,380*** | ***113*** | | | | 5,493 | | 17,100 |
| 8 | Bailey's Crossroads Fire Station / FS-000002 | B,X | ***6,439*** | ***1,200*** | ***2,500*** | ***1,918*** | | | 5,618 | | 12,057 |
| 9 | Jefferson Fire Station / FS-000010 | B | ***500*** | ***700*** | ***5,000*** | ***5,500*** | ***2,300*** | | 13,500 | | 14,000 |
| 10 | Lorton Fire Station Feasibility Study / FS-000011 | X | ***150*** | | | | | | 0 | | 150 |
| 11 | Traffic Light Signalization / 2G25-060-000 | B,G | ***968*** | | | | | | 0 | | 968 |
| | **TOTAL** | | ***$96,359*** | $101,204 | $69,644 | $18,700 | $2,300 | $0 | $191,848 | $0 | $288,207 |

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

1 Public Safety Headquarters

2 Herndon Fire Station

3 McLean Police Station

4 Reston Police Station

5 Fair Oaks Police Station

6 West Ox Animal Shelter Renewal

7 Fire and Rescue Academy - Phase I Improvements

8 Bailey's Fire Station

9 Jefferson Fire Station

N

Distance in Miles
0 1 2 3 4

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.