

FY 2018 – FY 2022
Capital Improvement Program (CIP)
Planning Commission Workshop

March 9, 2017

Fire and Rescue Department



Fire and Rescue Department (FRD) CIP Goals

FRD's CIP Goals:

1. Ensure Fire/EMS facilities can accommodate a diverse workforce.
 - Fire stations must have adequate living quarters for women to provide equal staffing opportunities at all stations.
2. Ensure Fire/EMS facilities have flexibility and capacity to add staff and apparatus to meet current and future demand for emergency services anticipated with population growth and development in the county.
3. Modernize Fire/EMS facilities with innovative technology to maintain and improve emergency response times and to provide a healthy and safe environment for personnel.

Future CIP Priority Projects

FRD's CIP program is on pages 106-117 of the FY2018 - FY2022 Advertised CIP

- 1. Tysons Fire and Rescue Station 29 and Tysons East Fire and Rescue Station 44** *(Pages 44, 195 & 196)*
- Development proffers and supplemental CIP funding
- 2. Fairview Fire and Rescue Station 32** - *2018 Public Safety Bond*
- 3. Mount Vernon Fire and Rescue Station 9** - *2018 Public Safety Bond*
- 4. Gunston Fire and Rescue Station 20** - *2018 Public Safety Bond*
- 5. Seven Corners Fire and Rescue Station 28** - *2018 Public Safety Bond*
- 6. Fox Mill Fire and Rescue Station 31** - *2018 Public Safety Bond*

1) Public Private Partnerships – Tysons Public Facilities (page 44)

Tysons Fire and Rescue Station 29 (page 196)

- A larger replacement fire station included in proffers for a Tysons Development project.
- In July 2016, the developer requested a 3 year extension to December 2023.
- County exercised the “offsite alternative” option with cash contribution based on future development.
- Currently assessing concepts to relocate the fire station on the Tysons Transit site with a reduced bus transit operation.

Tysons East Fire and Rescue Station 44 (page 195)

- New 3 bay two-level fire station included in proffers for a Tysons Development project.
- Free standing fire station on Old Meadow Lane.
- Delivery Date: December 31, 2020 or three years from County notification to proceed.

2) Fairview Fire and Rescue Station 32 (page 111)



- *Location: 5600 Burke Centre Parkway, Burke, VA*
- *Springfield District*
- *Year Built: 1981*
- *Square Footage: 8,200 SF*
- *Basic Description: Two drive-through bay fire station*

• **Facility Overview:**

- 36 year old fire station.
- Response Units: Engine, Advanced Life Support (ALS) Transport, Battalion Chief.
- Minimum staff per 24 hour shift is 10.
- Fuel Pump.

• **Fire station deficiencies:**

- Additional bay needed for future Tanker to meet ISO requirements.
- Inadequate living quarters for women (2 bunk beds).
- Gym/fitness area needed to meet mandatory physical fitness requirements.
- Protective gear storage inadequate and shared with laundry room (health issue).
- Men's locker room undersized.
- Kitchen is outdated.

Fairview Fire and Rescue Station 32



Female bunkroom has two bunk beds which is a safety issue.

Protective gear room shared with laundry room which is a health concern.



Gym is converted ambulance bay and not climate controlled.

3) Mount Vernon Fire and Rescue Station 9 (page 110)



- *Location: 2601 Sherwood Hall Lane, Alexandria, VA*
- *Mount Vernon District*
- *Year Built: 1969; Last Renovation: 1980's*
- *Square Footage: 9,000 SF*
- *Basic Description: Four small drive-through bay station*

- **Facility Overview:**
 - 48 year old fire station.
 - Response Units: Engine, 2 ALS Transports, Battalion Chief.
 - Minimum staff per 24 hour shift is 12.
 - One of the five busiest stations in Fairfax County.
- **Fire station deficiencies:**
 - Larger apparatus bays needed to accommodate future growth.
 - Inadequate living quarters for women including bunk rooms and lockers.
 - Larger gym/fitness area needed to meet mandatory physical fitness requirements.
 - Men's locker room undersized.
 - Kitchen small and outdated.

Mount Vernon Fire and Rescue Station 9



Protective gear storage in apparatus bays.



Men's locker room extremely crowded.



Small female bunkroom.



Small bunkroom converted into gym with low ceiling.

4) Gunston Fire and Rescue Station 20 (page 111)



- *Location: 10417 Gunston Road. Lorton, VA*
- *Mount Vernon District*
- *Year Built: 1976*
- *Square Footage: 7,782 SF*
- *Basic Description: Two drive-through bay station*

Facility Overview:

- 41 year old fire station.
- Response Units: Engine, ALS Transport, Tanker, Reserve Fireboat and Trailer.
- Minimum staff per 24 hour shift is 8.

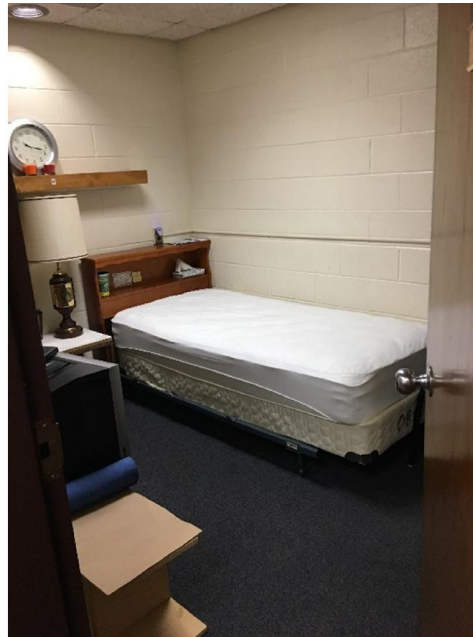
Fire station deficiencies:

- Additional apparatus bay needed for reserve boat and equipment.
- Inadequate living quarters for women (only 1 bed, toilet & shower).
- Gym/fitness area needed to meet mandatory physical fitness requirements.
- Protective gear storage inadequate and shared with laundry room (health issue).
- Kitchen needs new ventilation system.
- Water heater not on emergency generator; septic tanks.

Gunston Fire and Rescue Station 20



Station has only two small apparatus bays.



Female bunkroom has only one bed.



Undersized gear room shared with laundry room.

5) Seven Corners Fire and Rescue Station 28 (page 111)



- *Location: 2949 Sleepy Hollow Road, Falls Church, VA
Mason District*
- *Year Built: 1977*
- *Square Footage: 8,572 SF*
- *Basic Description: Two drive-through bay station*

• **Facility Overview:**

- 40 year old fire station.
- Response Units: Engine, ALS Transport.
- Minimum staff per 24 hour shift is 7.
- Fuel Pump.

• **Fire station deficiencies:**

- Additional apparatus bay needed to support future growth.
- Inadequate living quarters for women.
- Needs a gym/fitness area to meet mandatory physical fitness requirements; equipment located throughout station in day room, shop room, and apparatus bays.
- Protective gear storage small and shared with laundry room (health issue).
- Numerous roof leaks and original windows.

Seven Corners Fire and Rescue Station 28



Female shower & locker area inadequate.



Gym/fitness equipment through out station in day room/kitchen and shop room (low ceilings).



Protective gear storage shared with laundry room which is a health concern.



6) Fox Mill Fire and Rescue Station 31 (page 111)



- *Location: 2610 Reston Parkway, Herndon, VA*
- *Hunter Mill District*
- *Year Built: 1979*
- *Square Footage: 9,000 SF*
- *Basic Description: Two drive-through bay station*

• **Facility Overview:**

- 38 year old fire station.
- Response Units: Engine, ALS Transport, Special Hazard Unit, EMS Supervisor.
- Minimum staff per 24 hour shift is 8.
- Fuel pump.

• **Fire station deficiencies:**

- Additional apparatus bay needed to support future growth in Reston and along the Route 28 corridor.
- Needs a gym/fitness area to meet mandatory physical fitness requirements.
- Protective gear storage located between apparatus bays.
- Medical storage area is deficient and co-located with shop area.

Fox Mill Fire and Rescue Station 31



Protective gear lockers located in apparatus bays between vehicles.

Gym/fitness equipment located in day room/kitchen area.



Future Capital Project Needs

- **Welfit (2026 Bond Referendum)**
 - Leased space in Chantilly adjacent to US&R Office/Warehouse.
 - Current five year lease ends June 30, 2017.
 - FMD negotiating new 5 year lease.
 - Assessing opportunity to co-locate with a fire station or other County facility.
- **Emergency Vehicle Preemption (EVP)**
 - Pursuing a multi-funding strategy – Transportation plans, developer proffers, and transportation grants.
 - \$445K approved through developer proffers; 60K paid to date.
 - FRD completed NIP Item for BOS.

Questions

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