Pantops Area
Public Safety Station
General Information

Services Provided - All Hazard

- Fire Suppression
- HazMat
- Rescue
- Personnel Education
- Advanced Life Support EMS Transport
General Information

Services Provided - All Hazard

- Investigations
- Inspections
- Plans Review
- Public Education
General Information

- Volunteer (Ops & Admin): 450
- Career Staff (Ops & Admin): 105

Total Personnel: 555

14 Stations

60 Large Apparatus
Activity & Performance

Annual Incidents - 13,133

- 76%
- 24%

Fires & Other Hazardous Incidents
Rescue & Emergency Medical Service Incidents

Response Times

Development
Goal 5 min
6.48 min

Rural
Goal 13 min
11.42 min

Response Times

@ 90%
Goal 5 min
10.00 min

Avg
Goal 5 min
7.00 min

Pantops Response Times
General Information

FY16 Budget

**Expenses**
- Public Safety - Other: $23,577,953, 62%
- Fire Rescue: $14,583,537, 38%

**Revenue**
- Public Safety - Other: $4,541,728, 72%
- Fire Rescue: $1,800,000, 28%
Peer County Comparisons
Annual Operating Budgeted Expenses - Per Capita  FY 15/16

Roanoke: $161
Hanover: $155
Spotsylvania: $152
James City: $152
Albemarle: $133
Stafford: $115
Addressing Gaps in Urban Areas 1991 – 1998 - System needs identified
Addressing Gaps in Urban Areas

- 1998 - System needs identified
- 2002 – St 11 - Monticello Fire Rescue
Addressing Gaps in Urban Areas

- 1998 - System needs identified
- 2002 – St 11 - Monticello Fire Rescue
- 2008 – St 12 - Hollymead Fire Rescue
Addressing Gaps in Urban Areas

✓ 1998 - System needs identified
✓ 2002 – St 11 - Monticello Fire Rescue
✓ 2008 – St 12 - Hollymead Fire Rescue
✓ 2013 – St 15 – Ivy Fire Rescue
Developing a Fire & Life Safety Strategy

**Risk Assessment**
- Population
- Demographics
- Concentration
- Building types
- Road segments
- Demand
- Response time

**Risk Reduction & Response Strategy**

**Mitigation**
- Engineering
- Code Enforcement
- Education
- Community Health

**Emergency Response**
- Quick Response
- Resource Match
- Effective Force
Pantops & Surrounding Area – Risk Assessment

• Largest concentration of elderly citizens
  • Over 27% of the Pantops population is over the age 65*
  • People over 65 are the greatest risk of injury & illness **
  • Over 640 elderly care units - additional units under construction

• High concentration of lightweight, non- sprinkled residential construction
  • Modern construction & contents reduces occupant fire escape time **
  • No residential sprinkler systems

• Traffic volume & high speed segment increases incidents of motor vehicle crashes
  • Pantops contains 2 of the top 10 (#2 and #10) most traveled road segments
  • 65 & 70 mph road segments on I-64 increases incidents of high speed crashes

* US Census Data, ** National Fire Protection Association
Pantops & Surrounding Area – Performance

- Long fire response times to the Pantops area
  - Fire apparatus - 10:40 min @ 90%, 7:00 on average
  - Ambulance response times effective during week day periods
- Lack of consistent advanced life support care nights and weekends
  - Advanced Life Support Ambulance out of MJH – in service daytime only
  - Longer response times nights & weekends, especially to Rivanna development area
- Call volume
  - Second busiest area for Fire Rescue
  - Over 1,000 incidents just for Pantops Development Area
  - Elderly population & traffic volume – driving factors
- Demand on East Rivanna VFD
  - 200 concurrent calls last year
  - East Rivanna VFC is overtaxed covering both Pantops and their region
  - Shifting calls to next closest station will increase response times
Current Performance

- **Time/Distance** problem
- 10:40 min @ 90%, 7:00 on average
Effective Response Force – Residential House Fire

- **2,200 sq. ft/2 story house**
- **Search & Rescue**
- **Fire Attack Team**
- **Backup Team**
- **Rapid Intervention**
- **Ventilation Team**
- **CHIEF/IC**
- **Ladder**

*Required staff based on NFPA task analysis*

**16 Total**
10:00 min
Pantops
Immediate Need – Permanent Station

• Lease with Martha Jefferson Hospital ends October 2017
• More secured facility needed for staff, ambulance, & equipment
  • Ambulance currently parked outside – long distance from interior office
  • Insufficient room - Fire fighter/Paramedics housed in small, 10x15 office
  • State Office of EMS & Board of Pharmacy require better security & climate control storage for medical equipment & sensitive pharmaceuticals
• Pantops Station – “Shovel Ready” Project
  • Parcel on Peter Jefferson Pkwy owned by the County
  • Preliminary drawings of small-scale, 8,500 sg/ft station completed
Pantops
Engine Company

• Engine company will help reduce fire response times
  • Currently - 10:40 min response time, 90% of the time
  • One of the highest response times to County Development Areas
  • Additional engine company needed in eastern County
  • Increased call volume stressing volunteers at East Rivanna
  • More immediate backup needed for Monticello & East Rivanna

• Engine company helps to strengthen regional resources
  • Provide supplemental service to City on east end
  • Help to achieve a balanced and more effective regional system