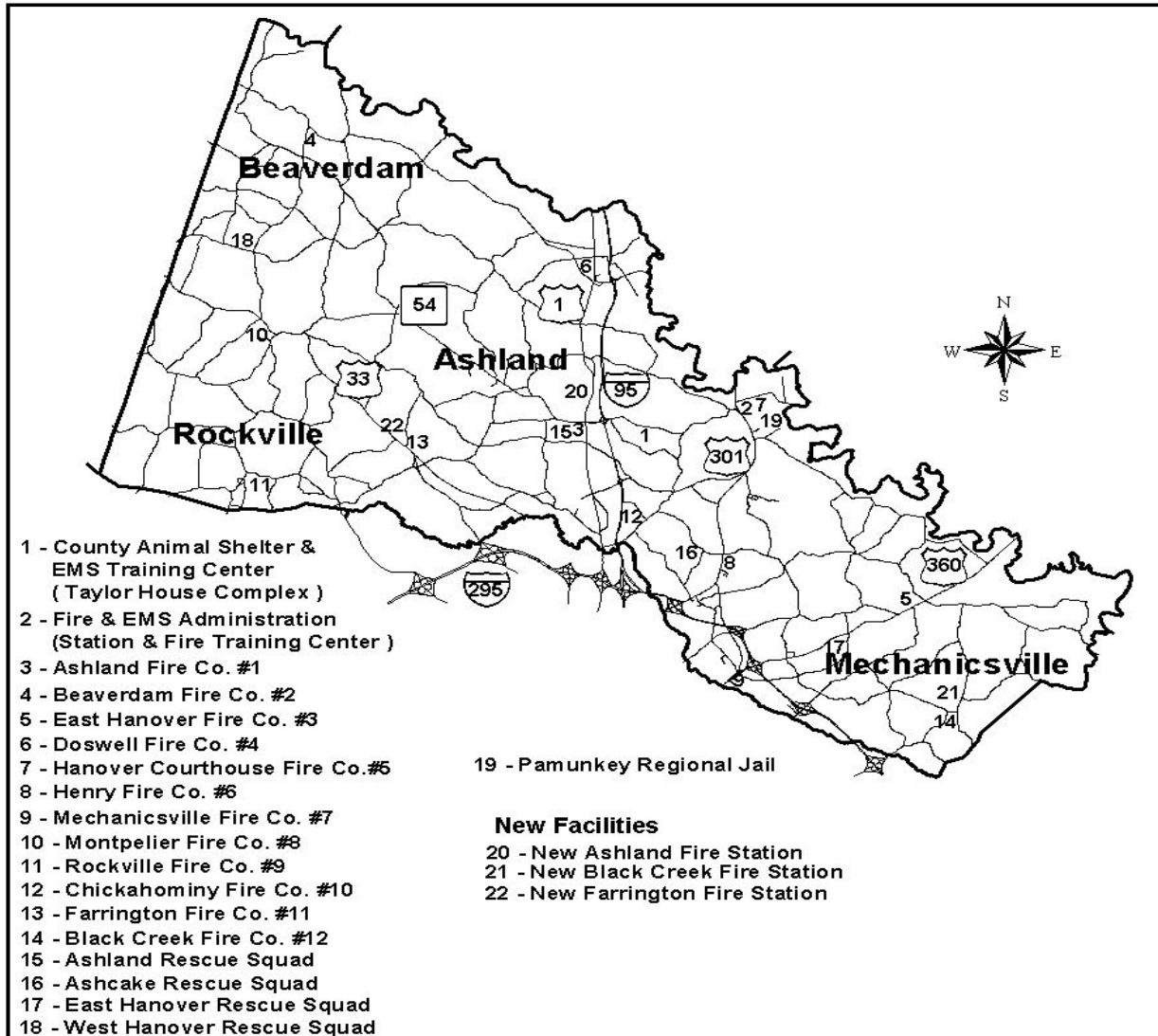


Public Safety Facilities

The existing Public Safety functions include the Sheriff, Emergency Communications, Probation, and Building Inspector's Office located at the Hanover County Government Complex. In addition, the County provides facilities for the Animal Shelter and Emergency Medical Services Training Center at the Taylor House Complex (1). Fire and Emergency Medical Services administration are located at the Hanover Courthouse Station (2), and Fire Training Center (2). The twelve fire stations are: Ashland Co. #1 (3), Beaverdam Co. #2 (4), Black Creek Co. #12 (14), Chickahominy Co. #10 (12), Doswell Co. #4 (6), East Hanover Co. #3 (5), Farrington Co. #11 (13), Hanover Courthouse Co. #5 (7), Henry Co. #6 (8), Mechanicsville Co. #7 (9), Montpelier Co. #8 (10), Rockville Co. #9 (11). The four rescue squads are: Ashland (15), Ashcake (16), East Hanover (17), West Hanover (18). The County participates in the Pamunkey Regional Jail (19).

New facilities in CIP: Ashland Fire Station (20), Black Creek Fire Station (21), and Farrington Fire Station (22).



Emergency Communications

FUNCTIONAL AREA: Public Safety
DEPARTMENT: Emergency Communication
PROJECT: Communications System and Facility
LOCATION: Countywide Public Safety Radio System Project
PROJECT CONTACT: Emergency Communications 804-365-6140

DESCRIPTION/ JUSTIFICATION: Bond Referendum project to replace the current public safety radio system and facility with a modern system and facility. The new system will incorporate current digital technology and improve reliability, coverage, system security, and the ability to communicate with other jurisdictions. The current system is at the end of its expected operational life. Because of its outdated technology, many replacement parts and components are no longer available. Hanover's communications system is used by law enforcement, Fire/EMS, school bus drivers, animal control and utility workers and is essential for all personnel who respond to emergencies and disaster situations. It currently handles about 160,000 calls per day among all users. The current system has "dead spots" throughout the County where emergency responders have no contact with the dispatcher. A goal of the new digital system is to eliminate "dead spots" and provide reliable transmission throughout the County and with public safety personnel in neighboring jurisdictions, allowing emergency personnel to relay critical information.

USEFUL LIFE: 20 Years
COMP. PLAN None
TIMETABLE: Construction is planned for completion in Winter 2009
PY ALLOCATION: \$1,875,000
OPERATING IMPACT: Approximately \$1,000,000 annually for maintenance and \$74,000 in electrical services.

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ 2,000,000	\$ 1,360,000	\$ 1,230,000	\$ 967,000	\$ -	\$ 5,557,000
Long Term Debt	26,000,000	-	-	-	-	26,000,000
Other Sources:						
Other Source 1	-	-	-	-	-	-
Total Funding Sources	\$ 28,000,000	\$ 1,360,000	\$ 1,230,000	\$ 967,000	\$ -	\$ 31,557,000
Funding Uses						
Construction	2,000,000	1,360,000	1,230,000	967,000	-	5,557,000
Professional Services	1,813,664	-	-	-	-	1,813,664
Equipment	23,496,115	-	-	-	-	23,496,115
Other Uses:						
Other Use 1 (be specific)	690,221	-	-	-	-	690,221
Total Funding Uses	28,000,000	1,360,000	1,230,000	967,000	-	31,557,000

Emergency Communications

FUNCTIONAL AREA: Public Safety

DEPARTMENT: Emergency Communications

PROJECT: Pro QA Call Taking Software

LOCATION: Emergency Communications Department, 7522 County Complex Road

PROJECT CONTACT: Emergency Communications 804-365-6140

**DESCRIPTION/
JUSTIFICATION:** The requested software will interface with our computer aided dispatch software and will allow the standardization and automation of the Emergency Medical, Fire and Police call taking processes. The emergency medical software was purchased in FY06, with the intent to add Fire in FY07 and Police in FY08.

USEFUL LIFE: 8 Years

**COMP. PLAN
IMPACT/COMPLIANCE:** None

TIMETABLE: FY07 and FY08

PY ALLOCATION: \$100,000

OPERATING IMPACT: On-going maintenance Cost

OPERATING SAVINGS: None

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ 54,000	\$ 80,000	\$ -	\$ -	\$ -	\$ 134,000
Total Funding Sources	\$ 54,000	\$ 80,000	\$ -	\$ -	\$ -	\$ 134,000
Funding Uses						
Software/Equipment/Training	54,000	80,000		-	-	134,000
Total Funding Uses	\$ 54,000	\$ 80,000	\$ -	\$ -	\$ -	\$ 134,000

Fire/EMS

FUNCTIONAL AREA: Public Safety
DEPARTMENT Fire/EMS
PROJECT: Ashland Fire Station
LOCATION: Archie Cannon Drive next to John M. Gandy Elementary School
PROJECT CONTACT: Hanover Fire/EMS 804-365-6195

**DESCRIPTION/
JUSTIFICATION:** Bond Referendum project for the 9,750 square foot fire station replacement. The current station was constructed in 1967 by volunteers and it is too small to house today's Fire/EMS apparatus, which are built to a higher industry standard. Bay areas are cramped making it more difficult for crews to access fire gear. Bay area in the new station will be large enough to house the larger apparatus and will improve personnel access to apparatus. The station will provide available on-site training space. The current station has inadequate sleeping quarters and other living space for emergency personnel. The replacement station will include shower facilities, additional office space and living quarters, separate sleeping quarters, and additional parking. Although, this construction will not directly improve station response times, it is anticipated that improved living and working space can improve volunteer firefighter recruitment and retention.

USEFUL LIFE: 25 - 30 Years

**COMP. PLAN
IMPACT/COMPLIANCE:** N/A

TIMETABLE: Project start Spring 2006, completion Fall 2008

PY ALLOCATION: \$0

OPERATING IMPACT: 18,000 annually for utilities.

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
Long Term Debt	2,017,000	\$ -	\$ -	\$ -	\$ -	\$ 2,017,000
Cash Proffers	250,000	-	-	-	-	250,000
Total Funding Sources	\$ 2,267,000	\$ -	\$ -	\$ -	\$ -	\$ 2,267,000
Funding Uses						
Construction	\$ 2,267,000	\$ -	\$ -	\$ -	\$ -	\$ 2,267,000
Total Funding Uses	\$ 2,267,000	\$ -	\$ -	\$ -	\$ -	\$ 2,267,000

Fire/EMS

FUNCTIONAL AREA: Public Safety
DEPARTMENT: Fire/EMS
PROJECT: Black Creek Fire Station
LOCATION: McClellan Road, a half mile west of the current location
PROJECT CONTACT: Hanover Fire/EMS 804-365-6195

DESCRIPTION/ JUSTIFICATION: Bond Referendum project to build a 11,750 square foot fire station to replace the current 4,500 square foot station on 6.5 acres of land currently owned by the county. The current facility was constructed by the volunteers in 1979 and is too small to house today's Fire/EMS apparatus, which are built to a higher industry standard. The replacement station will be designed to properly accommodate both fire and rescue apparatus. Bay areas are cramped making it more difficult for crews to access fire gear. Bay area in the new station will be large enough to house the larger apparatus and will improve personnel access to apparatus. The station will provide available on-site training space. The current station has inadequate sleeping quarters and other living space for emergency personnel. The replacement station will include shower facilities, additional office space and living quarters, separate sleeping quarters, and additional parking. Although this construction will not directly improve station response times, it is anticipated that improved living and working space can improve volunteer firefighter recruitment and retention.

USEFUL LIFE: 25 - 30 Years

COMP. PLAN IMPACT/COMPLIANCE: N/A

TIMETABLE: Project start Fall 2009, Completion Summer 2011.

PY ALLOCATION: \$0

OPERATING IMPACT: 17,000 annually in utilities.

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
Long Term Debt	\$ -	\$ -	\$ -	\$ 2,650,000	\$ -	\$ 2,650,000
Cash Proffers	-	-	-	500,000	-	500,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 3,150,000	\$ -	\$ 3,150,000
Funding Uses						
Construction	\$ -	\$ -	\$ -	\$ 3,150,000	\$ -	\$ 3,150,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ 3,150,000	\$ -	\$ 3,150,000

Fire/EMS

FUNCTIONAL AREA: Public Safety

DEPARTMENT: Fire/EMS

PROJECT: Farrington Fire Station

LOCATION: Mountain Road (west of Farrington Road)

PROJECT CONTACT: Hanover Fire/EMS 804-365-6195

**DESCRIPTION/
JUSTIFICATION:** Bond Referendum project to build a 13,250 square foot fire station to replace the current 4,400 square foot building on 8.2 acres of land that the county owns. The current station was constructed in 1979 by volunteers and is too small to house today's Fire/EMS apparatus, which are built to a higher industry standard. The replacement station will be designed to properly accommodate both fire and rescue apparatus. Bay areas are cramped making it more difficult for crews to access fire gear. Bay area in the new station will be large enough to house the larger apparatus and will improve personnel access to apparatus. The station will provide available on-site training space. The current station has inadequate sleeping quarters and other living space for emergency personnel. The replacement station will include shower facilities, additional office space and living quarters, separate sleeping quarters, and additional parking. Although this construction will not directly improve station response times, it is anticipated that improved living and working space can improve volunteer firefighter recruitment a

USEFUL LIFE: 25 - 30 Years

COMP. PLAN

IMPACT/COMPLIANCE: N/A

TIMETABLE: Project start Fall 2006, completion Fall 2008.

PY ALLOCATION: \$0

OPERATING IMPACT: 18,000 annually in utilities.

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
Long Term Debt	\$2,773,000	\$ -	\$ -	\$ -	\$ -	\$ 2,773,000
Cash Proffers	250,000	-	-	-	-	250,000
Total Funding Sources	\$3,023,000	\$ -	\$ -	\$ -	\$ -	\$ 3,023,000
Funding Uses						
Construction	\$3,023,000	\$ -	\$ -	\$ -	\$ -	\$ 3,023,000
Total Funding Uses	\$3,023,000	\$ -	\$ -	\$ -	\$ -	\$ 3,023,000

Fire/EMS

FUNCTIONAL AREA: Public Safety

DEPARTMENT: Fire/EMS

PROJECT: Fire Engine & Heavy Squad Replacement

LOCATION: Fire Stations in Hanover County

PROJECT CONTACT: Hanover Fire/EMS 804-365-6195

**DESCRIPTION/
JUSTIFICATION:** Hanover County has an 18-20 year replacement plan for primary fire fighting pumpers. The pumpers in this rotation are all trucks purchased between 1984 and 1990. The pumpers will have a 1,000 gallon water tank, with a pumping capacity of 1,250 gallons per minute. Hanover County currently operates three heavy duty squad trucks. These trucks are specialty vehicles that work with complicated vehicle extractions, rescues from underground entrapments, building collapse and supplies breathing air for Special Operations Rescues. The volunteer organizations raised funds for the purchase of these primary trucks and are a vital part of the organization. They are in need of upgrade/replacement. The two pumpers to be purchased in FY07 are expected to cost \$330,000 a piece and the Heavy Squad is expected to cost \$290,000.

USEFUL LIFE: 18 - 20 Years

**COMP. PLAN
IMPACT/COMPLIANCE:** N/A

TIMETABLE: Two fire pumpers would be replaced each year in FY07, FY08, FY09, FY10 and FY11. One squad will be replaced in FY07 and one squad in FY08.

PY ALLOCATION: \$900,000

OPERATING IMPACT: N/A

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ 950,000	\$ 975,000	\$ 970,000	\$ 1,000,000	\$ 1,025,000	\$ 4,920,000
Total Funding Sources	\$ 950,000	\$ 975,000	\$ 970,000	\$ 1,000,000	\$ 1,025,000	\$ 4,920,000
Funding Uses						
Vehicle	950,000	975,000	970,000	1,000,000	1,025,000	4,920,000
Total Funding Uses	\$ 950,000	\$ 975,000	\$ 970,000	\$ 1,000,000	\$ 1,025,000	\$ 4,920,000

Fire/EMS

FUNCTIONAL AREA: Public Safety

DEPARTMENT: Fire/EMS

PROJECT: Ambulance Replacement

LOCATION: Ambulances in the County

PROJECT CONTACT: Hanover Fire/EMS 804-365-6195

**DESCRIPTION/
JUSTIFICATION:** Hanover County currently operates 18 ambulances from 8 stations with planned expansion to 11 stations. Ambulances are chosen for replacement based on estimated costs to maintain and number of previous chassis applied to the ambulance.

USEFUL LIFE:

**COMP. PLAN
IMPACT/COMPLIANCE:** N/A

TIMETABLE: Two ambulances in FY07, one in FY08, FY09 and FY10 and two in FY11.

PY ALLOCATION: N/A

OPERATING IMPACT: N/A

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ 41,000	\$ 165,000	\$ 165,000	\$ -	\$ 434,000	\$ 805,000
Cash Proffers	235,000	-	-	165,000	-	400,000
Total Funding Sources	\$ 276,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 434,000	\$ 1,205,000
Funding Uses						
Vehicle	276,000	165,000	165,000	165,000	434,000	1,205,000
Total Funding Uses	\$ 276,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 434,000	\$ 1,205,000