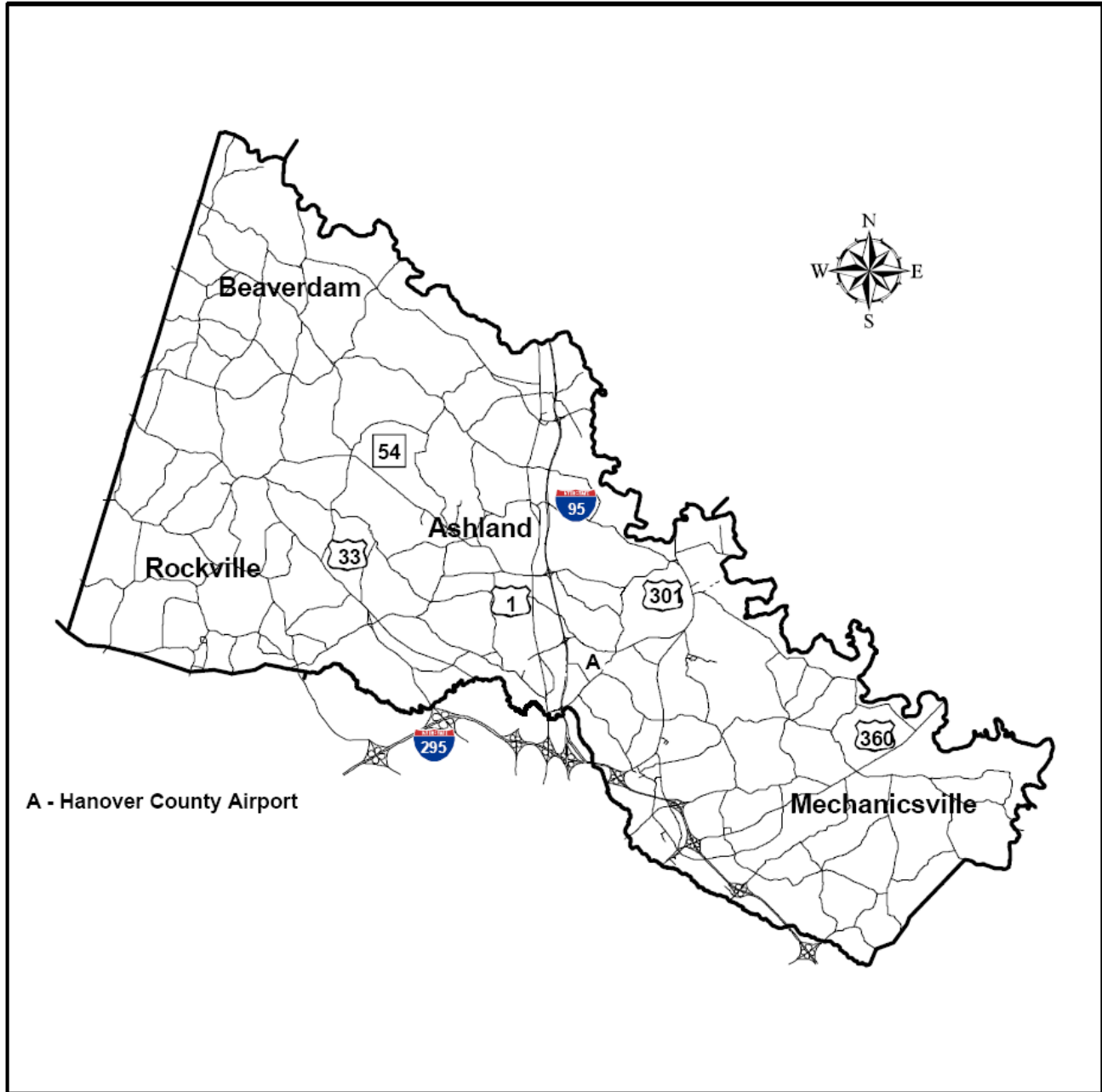


Hanover County Airport

The Hanover County Airport facilities include the County Airport (A) located at 11152 Airpark Rd.



Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: Perimeter Security Fence

LOCATION: Hanover County Airport, 1152 Airpark Road, Ashland, Virginia 23005

**DESCRIPTION/
JUSTIFICATION:** The fence is to be constructed in 3 phases, 1A, 1B and 2, Phase 1A and 1B have already been bid out and will be constructed in FY07. They encompass the South , North and West side of the airport. Phase 2 fencing is along the Northeast Property line and will encompass the areas in front of adjacent businesses. Phase 3 will be the remainder on the east side which is all wooded at present, but eventually will include the proposed East Side expansion on the Southeast Corner of the property. Phase 2 has already been designed and includes 2,100 linear feet of 8' chain link with 3 strands of barbed wire. Phase 3 is anticipating another 5,600 linear feet. The Fence installation is required by the Department of Homeland Security, security directives and to help mitigate wildlife strikes to aircraft on Runway and to limit access to the airport property by pedestrians and private vehicles. Fence construction will consist of 8' chain link with 3 strands of barbed wire. Airport funds provided by the County are expected to be matched by State and Federal Aviation Grants.

TIMETABLE: Construction of Phase 2 schedule FY10

PY ALLOCATION: FY07 \$298,235

OPERATING IMPACT: \$0

	FY08	FY09	FY10	FY11	FY12	Totals
Funding Sources						
General	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ 55,000
Other Sources (specify below):						
State VDOA Grant	-	-	495,000	-	-	495,000
Total Funding Sources	\$ -	\$ -	\$550,000	\$ -	\$ -	\$550,000
Funding Uses						
Construction	\$ -	\$ -	\$500,000	\$ -	\$ -	\$500,000
Professional Services	-	-	50,000	-	-	50,000
Total Funding Uses	\$ -	\$ -	\$550,000	\$ -	\$ -	\$550,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: Airport Land Acquisition

LOCATION: Hanover County Airport, 11152 Airpark Road, Ashland, Virginia 23005

**DESCRIPTION/
JUSTIFICATION:** The 2000 Airport Master Plan indicates the need to purchase 85 acres of land or aviation easements to the south and east of the runway to meet FAA Airport Safety Criteria. Purchase of this land is required to remove airport obstructions, and to maintain the safety of people and property on the ground. Land Acquisition is retroactively reimbursable in the event Federal and State Funding is not available in the year required. Whenever possible, the County will give priority for acquisition of required land when it is on the market. Additional land is needed for east side expansion. This five year plan anticipates the purchase of 47 acres of land.

TIMETABLE: FY08 process for completing necessary surveys and appraisals (takes 1 year) FY09 - FY11 purchase offers made

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY08	FY09	FY10	FY11	FY12	Totals
Funding Sources						
General	\$ 10,000	\$ 9,000	\$ 10,000	\$ 29,000	\$ -	\$ 58,000
Other Sources (specify below):						
FAA Grant	-	900,000	458,000	1,367,000	-	2,725,000
State VDOA Grant	-	29,000	15,000	44,000	-	88,000
Total Funding Sources	\$ 10,000	\$938,000	\$ 483,000	\$1,440,000	\$ -	\$2,871,000
Funding Uses						
Professional Services	\$ 10,000	\$ -	\$ 40,000	\$ 50,000	\$ -	\$ 100,000
Land	-	938,000	443,000	1,390,000	-	2,771,000
Total Funding Uses	\$ 10,000	\$938,000	\$ 483,000	\$1,440,000	\$ -	\$2,871,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: Terminal Building Improvements

LOCATION: Hanover County Airport, 1152 Airpark Road, Ashland, Virginia 23005

PROJECT CONTACT: Hank Rempe, Airport Manager (804) 365-6208

**DESCRIPTION/
JUSTIFICATION:** The 2000 Airport Master Plan requires a New Terminal building to service the East Side Terminal Area. The Terminal Building will service all areas of aviation including flight training, maintenance and customer/passenger waiting areas. A feasibility study will identify requirements including square footage plus the amount of funding by the Virginia Department of Aviation. Design will include the architectural, structural, and civil design of the building and will establish the engineer's cost estimate to construct. The Construction element consists of bidding, construction management and actual building construction. This \$2 million Construction Phase is scheduled for FY13 and only the design cost appear in the table below.

TIMETABLE: FY11 Feasibility Study Performed, FY12 Design of Terminal Building and FY13 Terminal Building will be constructed.

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY08	FY09	FY10	FY11	FY12	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ -	\$184,000	\$184,000
Other Sources (specify below):						
State DOAV Grant	-	-	-	80,000	160,000	240,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 80,000	\$344,000	\$424,000
Funding Uses						
Professional Services	\$ -	\$ -	\$ -	\$ 80,000	\$344,000	\$424,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ 80,000	\$344,000	\$424,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: East Side Taxiway and Apron

LOCATION: Hanover County Airport, 1152 Airpark Road, Ashland, Virginia 23005

**DESCRIPTION/
JUSTIFICATION:** The 2000 Airport Master Plan indicates that the capital development of a new terminal facility is required on the East side of the runway to improve the safety of operations in the terminal area. An environmental assessment is underway for this project. Prior to terminal construction is the construction of an aircraft parking ramp apron and taxiway enabling a connection to the existing runway. This allows use of space for needed overflow aircraft parking as no more land is available for this purpose on the west side and all aircraft tie down spots are occupied.

TIMETABLE: Design estimated to begin Fall 2008 and be completed by Summer 2009. Construction is estimated to begin Summer 2009 and end Summer 2010

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY08	FY09	FY10	FY11	FY12	Totals
Funding Sources						
General	\$ -	\$ 70,000	\$ 75,000	\$ -	\$ -	\$ 145,000
Other Sources (specify below):						
FAA Grant	-	-	\$3,533,000	-	-	3,533,000
VDOA State Grant	-	280,000	112,000	-	-	392,000
Total Funding Sources	\$ -	\$ 350,000	\$3,720,000	\$ -	\$ -	\$4,070,000
Funding Uses						
Construction	\$ -	\$ -	\$3,720,000	\$ -	\$ -	\$3,720,000
Professional Services	-	350,000	-	-	-	350,000
Total Funding Uses	\$ -	\$ 350,000	\$3,720,000	\$ -	\$ -	\$4,070,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: Fuel Tank Replacement

LOCATION: Hanover County Airport, 11152 Airpark Road, Ashland, Virginia 23005

**DESCRIPTION/
JUSTIFICATION:** The fuel tank is approximately 18 years old and in need of replacement in FY09. The current tank is an above ground tank built in 1989. This tank was refurbished in 1996 with an epoxy coated lining to prevent corrosion, and is in need of exterior treatment to prevent rust. Airport Customers require both Avgas and Jet A Fuel Tanks, and State Environmental regulations require tanks to meet tightness and leak proof standards. The new system will meet the current environmental regulations as well as FAA/State requirements. This new Tank will be located in the East Terminal Area to better serve corporate aircraft.

TIMETABLE: Design and Construction Summer/Fall of 2008

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY08	FY09	FY10	FY11	FY12	Totals
Funding Sources						
General	\$ -	\$ 96,000	\$ -	\$ -	\$ -	\$ 96,000
Total Funding Sources	\$ -	\$ 96,000	\$ -	\$ -	\$ -	\$ 96,000
Funding Uses						
Construction	\$ -	\$ 81,000	\$ -	\$ -	\$ -	\$ 81,000
Professional Services	-	15,000	-	-	-	15,000
Total Funding Uses	\$ -	\$ 96,000	\$ -	\$ -	\$ -	\$ 96,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: **Airport Safety Improvements**

LOCATION: Hanover County Airport, 1152 Airpark Road, Ashland, Virginia 23005

**DESCRIPTION/
JUSTIFICATION:** The South Approach contains overhead utilities along Sliding Hill Road bordering the Runway Protection Zone. FAA regulations recommend that there be nothing in a RPZ other than navigational aids and appropriate security fencing. Underground Utility connections will be designed, coordinated and relocated by the impacted utility companies. Once this project is complete there will be no overhead utilities impacting the airport.

TIMETABLE: FY08 Obstruction Clearance; FY10 - 11 Undergrounding of Utilities

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY08	FY09	FY10	FY11	FY12	Totals
Funding Sources						
General	\$ 62,000	\$ -	\$ 38,000	\$ 35,000	\$ -	\$ 135,000
Other Sources (specify below):						
State VDOA Grant	400,000	-	160,000	140,000	-	700,000
Total Funding Sources	\$462,000	\$ -	\$198,000	\$175,000	\$ -	\$ 835,000
Funding Uses						
Construction	\$400,000	\$ -	\$198,000	\$175,000	\$ -	\$ 773,000
Professional Services	62,000	-	-	-	-	62,000
Total Funding Uses	\$462,000	\$ -	\$198,000	\$175,000	\$ -	\$ 835,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: **Airport Improvements**

LOCATION: Hanover County Airport, 1152 Airpark Road, Ashland, Virginia 23005

**DESCRIPTION/
JUSTIFICATION:** Funding initiative to be used toward the construction of projects identified in the Airport Master Plan. This funding will be used for supplementing the construction projects on the east side such as improvements to perimeter access roads to allow for frequent use by fuel trucks to refill when new tank is installed.

TIMETABLE: Projects will be initiated as sufficient funding is accumulated.

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY08	FY09	FY10	FY11	FY12	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ 17,000	\$ -	\$ 17,000
Other Sources (specify below):						
State VDOA Grant	180,000	-	42,000	33,000	-	255,000
Total Funding Sources	\$180,000	\$ -	\$ 42,000	\$ 50,000	\$ -	\$ 272,000
Funding Uses						
Construction	\$ 90,000	\$ -	\$ 42,000	\$ 50,000	\$ -	\$ 182,000
Professional Services	90,000	-	-	-	-	90,000
Total Funding Uses	\$180,000	\$ -	\$ 42,000	\$ 50,000	\$ -	\$ 272,000