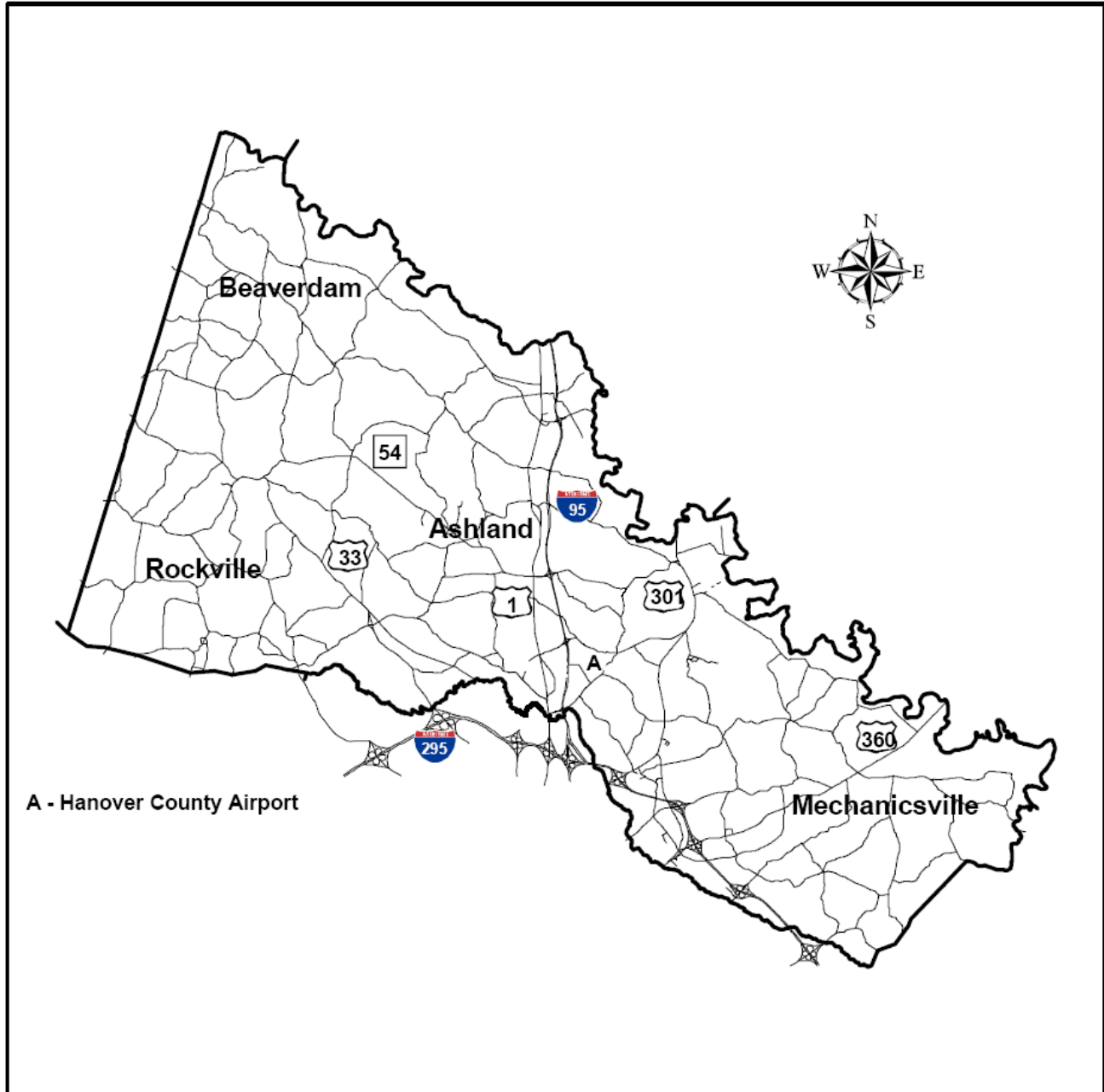


## Hanover County Airport

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



## Airport

**FUNCTIONAL AREA:** Public Works-Airport

**DEPARTMENT:** Airport

**PROJECT:** Perimeter Security Fence

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

**DESCRIPTION/  
JUSTIFICATION:** The fence is to be constructed in 3 phases. Phase 1 has been constructed. 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 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. Phase 3 will be constructed at a later date when grant funds are available.

**TIMETABLE:** Construction of Phase 2 scheduled FY10

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

|                              | <b>FY09</b> | <b>FY10</b>     | <b>FY11</b> | <b>FY12</b> | <b>FY13</b> | <b>Total</b>    |
|------------------------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| <b>Funding Sources</b>       |             |                 |             |             |             |                 |
| General                      | \$ -        | \$ 8,000        | \$ -        | \$ -        | \$ -        | \$ 8,000        |
| State VDOA Grant             | -           | 68,000          | -           | -           | -           | 68,000          |
| <b>Total Funding Sources</b> | <b>\$ -</b> | <b>\$76,000</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$76,000</b> |
| <b>Funding Uses</b>          |             |                 |             |             |             |                 |
| Construction                 | \$ -        | \$67,000        | \$ -        | \$ -        | \$ -        | \$67,000        |
| Professional Services        | -           | 9,000           | -           | -           | -           | 9,000           |
| <b>Total Funding Uses</b>    | <b>\$ -</b> | <b>\$76,000</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$76,000</b> |

## Airport

**FUNCTIONAL AREA:** Public Works- Airport

**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 or easement 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.

**TIMETABLE:** FY10 - FY11 purchase of land or easements

**PY ALLOCATION:** \$10,000 for land surveys and appraisals

**OPERATING IMPACT:** \$0

|                              | <b>FY09</b> | <b>FY10</b>        | <b>FY11</b>        | <b>FY12</b> | <b>FY13</b> | <b>Total</b>       |
|------------------------------|-------------|--------------------|--------------------|-------------|-------------|--------------------|
| <b>Funding Sources</b>       |             |                    |                    |             |             |                    |
| General                      | \$ -        | \$ 38,000          | \$ 39,000          | \$ -        | \$ -        | \$ 77,000          |
| State VDOA Grant             | -           | 57,000             | 59,000             | -           | -           | 116,000            |
| FAA Grant                    | -           | 1,801,000          | 1,848,000          | -           | -           | 3,649,000          |
| <b>Total Funding Sources</b> | <b>\$ -</b> | <b>\$1,896,000</b> | <b>\$1,946,000</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$3,842,000</b> |
| <b>Funding Uses</b>          |             |                    |                    |             |             |                    |
| Professional Services        | \$ -        | \$ 100,000         | \$ 100,000         | \$ -        | \$ -        | \$ 200,000         |
| Land                         | -           | 1,796,000          | 1,846,000          | -           | -           | 3,642,000          |
| <b>Total Funding Uses</b>    | <b>\$ -</b> | <b>\$1,896,000</b> | <b>\$1,946,000</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$3,842,000</b> |

## Airport

**FUNCTIONAL AREA:** Public Works-Airport

**DEPARTMENT:** Airport

**PROJECT:** Terminal Building Improvements

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

**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. A preliminary construction cost estimate is \$2.2 million dollars.

**TIMETABLE:** FY13 Feasibility Study and Design of Terminal Building. Terminal Building construction anticipated in FY14-FY16.

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

|                              | <b>FY09</b> | <b>FY10</b> | <b>FY11</b> | <b>FY12</b> | <b>FY13</b>      | <b>Total</b>     |
|------------------------------|-------------|-------------|-------------|-------------|------------------|------------------|
| <b>Funding Sources</b>       |             |             |             |             |                  |                  |
| General                      | \$ -        | \$ -        | \$ -        | \$ -        | \$ 55,000        | \$ 55,000        |
| State VDOA Grant             | -           | -           | -           | -           | 220,000          | 220,000          |
| <b>Total Funding Sources</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$275,000</b> | <b>\$275,000</b> |
| <b>Funding Uses</b>          |             |             |             |             |                  |                  |
| Professional Services        | \$ -        | \$ -        | \$ -        | \$ -        | \$275,000        | \$275,000        |
| <b>Total Funding Uses</b>    | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$275,000</b> | <b>\$275,000</b> |

## Airport

**FUNCTIONAL AREA:** Public Works- Airport

**DEPARTMENT:** Airport

**PROJECT:** East Side Taxiway and Apron

**LOCATION:** Hanover County Airport, 11152 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 Phase 1 & 2 estimated to begin FY09. Construction Phase 1, FY10 and Phase 2 in FY11. The General Fund budgeted in FY11 to be funded by reimbursement in FY09.

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

|                              | <b>FY09</b>      | <b>FY10</b>        | <b>FY11</b>        | <b>FY12</b> | <b>FY13</b> | <b>Total</b>       |
|------------------------------|------------------|--------------------|--------------------|-------------|-------------|--------------------|
| <b>Funding Sources</b>       |                  |                    |                    |             |             |                    |
| General                      | \$ 10,000        | \$ 82,000          | \$ 82,000          | \$ -        | \$ -        | \$ 174,000         |
| State VDOA Grant             | 15,000           | 123,000            | 123,000            | -           | -           | 261,000            |
| FAA Grant                    | 475,000          | 3,886,000          | 3,886,000          | -           | -           | 8,247,000          |
| <b>Total Funding Sources</b> | <b>\$500,000</b> | <b>\$4,091,000</b> | <b>\$4,091,000</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$8,682,000</b> |
| <b>Funding Uses</b>          |                  |                    |                    |             |             |                    |
| Construction                 | \$ -             | \$4,091,000        | \$4,091,000        | \$ -        | \$ -        | \$8,182,000        |
| Professional Services        | 500,000          | -                  | -                  | -           | -           | 500,000            |
| <b>Total Funding Uses</b>    | <b>\$500,000</b> | <b>\$4,091,000</b> | <b>\$4,091,000</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$8,682,000</b> |

## Airport

**FUNCTIONAL AREA:** Public Works- Airport

**DEPARTMENT:** Airport

**PROJECT:** Fuel Tank Replacement

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

**DESCRIPTION/  
JUSTIFICATION:** The Jet A 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. The Avgas Tank was replaced in 2005.

**TIMETABLE:** Design and Construction FY09

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

|                             | <b>FY09</b>      | <b>FY10</b> | <b>FY11</b> | <b>FY12</b> | <b>FY13</b> | <b>Total</b>     |
|-----------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| <b>Funding Sources</b>      |                  |             |             |             |             |                  |
| General                     | \$144,000        | \$ -        | \$ -        | \$ -        | \$ -        | \$144,000        |
| <b>Total Funding Source</b> | <b>\$144,000</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$144,000</b> |
| <b>Funding Uses</b>         |                  |             |             |             |             |                  |
| Construction                | \$129,000        | \$ -        | \$ -        | \$ -        | \$ -        | \$129,000        |
| Professional Services       | 15,000           | -           | -           | -           | -           | 15,000           |
| <b>Total Funding Uses</b>   | <b>\$144,000</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$144,000</b> |

## Airport

**FUNCTIONAL AREA:** Public Works-Airport

**DEPARTMENT:** Airport

**PROJECT:** Airport Safety Improvements

**LOCATION:** Hanover County Airport, 11152 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:** FY10 - 11 Under grounding of Utilities, FY12 Additional obstruction removal for 34:1

**PY ALLOCATION:** \$62,000 for obstruction removal.

**OPERATING IMPACT:** \$0

|                              | <b>FY09</b> | <b>FY10</b>     | <b>FY11</b>      | <b>FY12</b>      | <b>FY13</b> | <b>Total</b>     |
|------------------------------|-------------|-----------------|------------------|------------------|-------------|------------------|
| <b>Funding Sources</b>       |             |                 |                  |                  |             |                  |
| General                      | \$ -        | \$ 2,000        | \$ 40,000        | \$ 10,000        | \$ -        | \$ 52,000        |
| State VDOA Grant             | -           | 8,000           | 160,000          | 14,000           | -           | 182,000          |
| FAA Grant                    | -           | -               | -                | 435,000          | -           | 435,000          |
| <b>Total Funding Sources</b> | <b>\$ -</b> | <b>\$10,000</b> | <b>\$200,000</b> | <b>\$459,000</b> | <b>\$ -</b> | <b>\$669,000</b> |
| <b>Funding Uses</b>          |             |                 |                  |                  |             |                  |
| Construction                 | \$ -        | \$ -            | \$180,000        | \$419,000        | \$ -        | \$599,000        |
| Professional Services        | -           | 10,000          | 20,000           | 40,000           | -           | 70,000           |
| <b>Total Funding Uses</b>    | <b>\$ -</b> | <b>\$10,000</b> | <b>\$200,000</b> | <b>\$459,000</b> | <b>\$ -</b> | <b>\$669,000</b> |

## Airport

**FUNCTIONAL AREA:** Public Works

**DEPARTMENT:** Airport

**PROJECT:** Airport Improvements

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

**DESCRIPTION/  
JUSTIFICATION:** Funding initiative to be used toward the construction of projects identified in the Airport Master Plan.

**TIMETABLE:** Projects will be initiated as sufficient funding is accumulated and/or grant funds become available.

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

|                              | <b>FY09</b>     | <b>FY10</b>      | <b>FY11</b> | <b>FY12</b>        | <b>FY13</b>       | <b>Total</b>        |
|------------------------------|-----------------|------------------|-------------|--------------------|-------------------|---------------------|
| <b>Funding Sources</b>       |                 |                  |             |                    |                   |                     |
| General                      | \$15,000        | \$ 28,000        | \$ -        | \$ 174,000         | \$ 145,000        | \$ 362,000          |
| State VDOA Grant             | 75,000          | 140,000          | -           | 870,000            | 725,000           | 1,810,000           |
| <b>Total Funding Source:</b> | <b>\$90,000</b> | <b>\$168,000</b> | <b>\$ -</b> | <b>\$1,044,000</b> | <b>\$ 870,000</b> | <b>\$ 2,172,000</b> |
| <b>Funding Uses</b>          |                 |                  |             |                    |                   |                     |
| Construction                 | \$85,000        | \$ 14,000        | \$ -        | \$ 150,000         | \$ 125,000        | \$ 374,000          |
| Professional Services        | 5,000           | 154,000          | -           | 894,000            | 745,000           | 1,798,000           |
| <b>Total Funding Uses</b>    | <b>\$90,000</b> | <b>\$168,000</b> | <b>\$ -</b> | <b>\$1,044,000</b> | <b>\$ 870,000</b> | <b>\$ 2,172,000</b> |