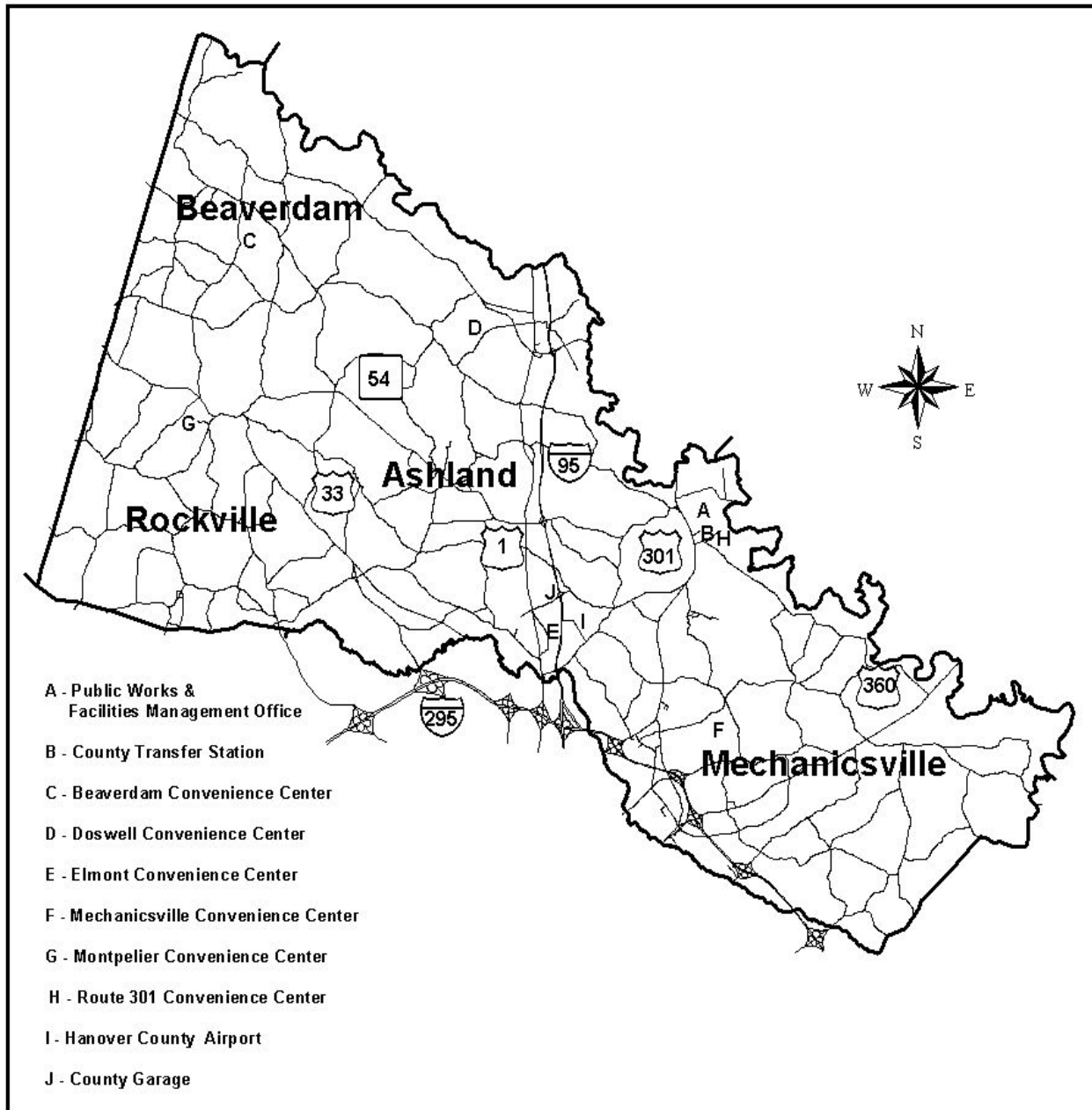


Public Works Facilities

The Public Works function facilities include the Public Works and Facilities Management offices in the Administration Building at the Hanover County Government Complex (A). In addition, this function also includes the Hanover County Airport (I), and the County Transfer Station (B) and its six Solid Waste convenience centers: Beaverdam (C), Doswell (D), Elmont (E), Mechanicsville (F), Montpelier (G), Route 301 (H). The County Garage is located on Lewistown Road (J).



Public Works

FUNCTIONAL AREA: Public Works

DEPARTMENT: Public Works

PROJECT: Road Hazard Elimination Safety Program

DEPARTMENT: Public Works

PROJECT CONTACT: Public Works 804-365-6176

LOCATION: Various Locations Countywide

**DESCRIPTION/
JUSTIFICATION:** The Road Hazard Elimination Safety Program is a federal safety program that provides 90% Federal funding for safety improvements on public roads. Proposed projects must be shown to eliminate or reduce the number and/or severity of traffic accidents at locations selected for improvement. Funding would be used to provide the local 10% match that would be required for projects awarded funding. Supports Transportation Policy goal to enhance safety for motoring public.

USEFUL LIFE: Indefinite

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

TIMETABLE: Begin design Fall 2006; Construction 2007

PY ALLOCATION: \$0

OPERATING IMPACT: N/A

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
Cash Proffers	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Other Sources:						
Federal	450,000	-	-	-	-	450,000
Total Funding Sources	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Funding Uses						
Construction	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
Professional Services	50,000	-	-	-	-	50,000
Total Funding Uses	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Public Works

FUNCTIONAL AREA: Public Works

DEPARTMENT: Public Works

PROJECT: N. Lakeridge Parkway South Phase II

DEPARTMENT: Public Works

PROJECT CONTACT: Public Works 804-365-6176

LOCATION: New road connection between the northern terminus of Lakeridge Parkway in Lakeridge Industrial Park and the southern terminus of N. Lakeridge Parkway approximately 0.50 mi. south of Lewistown Road.

**DESCRIPTION/
JUSTIFICATION:** Construct 2 of an ultimate 4-lane section to support planned development of the tract known as Lewistown Commerce Center. Road cash proffers are being used to certify the local match. Developer funds will be used to supplant cash proffers to provide the local 50% match should a development agreement be negotiated. Consistent with Transportation Policy to use Revenue Sharing Program funds to construct road projects that support economic development.

USEFUL LIFE: Indefinite

**COMP. PLAN IMPACT /
COMPLIANCE:** Implements Transportation component of Comp. Plan

TIMETABLE: TBD

OPERATING SAVINGS: N/A

PY ALLOCATION: State - \$1,575,454; Proffers - \$830,534; \$744,920 in Proffers still to be allocated at the end of FY06 to match remainder of FY06 state revenue sharing commitment.

OPERATING IMPACT: N/A

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
Cash Proffers	\$ 500,000	\$ 425,000	\$ -	\$ -	\$ -	\$ 925,000
Other Sources:						
VDOT Rev Sharing	500,000	425,000	-	-	-	925,000
Total Funding Sources	\$ 1,000,000	\$ 850,000	\$ -	\$ -	\$ -	\$ 1,850,000
Funding Uses						
Construction	\$ 1,000,000	\$ 850,000	\$ -	\$ -	\$ -	\$ 1,850,000
Total Funding Uses	\$ 1,000,000	\$ 850,000	\$ -	\$ -	\$ -	\$ 1,850,000

Public Works

FUNCTIONAL AREA: Public Works

DEPARTMENT: Public Works

PROJECT: New Ashcake Road Extended (Phase I)

DEPARTMENT: Public Works

PROJECT CONTACT: Public Works 804-365-6176

LOCATION: New road alignment extending New Ashcake Road approximately 1,000 feet northwest of its intersection with realigned Sliding Hill Road.

**DESCRIPTION/
JUSTIFICATION:** Phase I will provide 2 of an ultimate 4-lane road section. Future phases will eventually connect New Ashcake Road to the I-95/Lewistown Road interchange. The Phase I section will provide access to the future Hanover County Airport terminal facility, located on the east side of the airport, and to a future access road to air park development on the Air Park Associates parcel.

USEFUL LIFE: Indefinite

**COMP. PLAN IMPACT /
COMPLIANCE:** Implements Transportation component of Plan

TIMETABLE: TBD

OPERATING SAVINGS: N/A

PY ALLOCATION: \$0

OPERATING IMPACT: N/A

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
Cash Proffers	\$ -	\$ 75,000	\$ 500,000	\$ 425,000	\$ -	\$ 1,000,000
Other Sources:						
VDOT Rev Sharing	-	75,000	500,000	425,000	-	1,000,000
Total Funding Sources	\$ -	\$ 150,000	\$ 1,000,000	\$ 850,000	\$ -	\$ 2,000,000
Funding Uses						
Construction	\$ -	\$ -	\$ 400,000	\$ 850,000	\$ -	\$ 1,250,000
Professional Services	-	150,000	-	-	-	150,000
Land	-	-	600,000	-	-	600,000
Total Funding Uses	\$ -	\$ 150,000	\$ 1,000,000	\$ 850,000	\$ -	\$ 2,000,000

Public Works

FUNCTIONAL AREA: Public Works

DEPARTMENT: Public Works

PROJECT: Roadway Improvements

DEPARTMENT: Public Works

PROJECT CONTACT: Public Works 804-365-6176

LOCATION: TBD

**DESCRIPTION/
JUSTIFICATION:** Funding initiative to be used toward constructing of projects identified on the Long Range Transportation Projects List.

USEFUL LIFE: Indefinite

**COMP. PLAN IMPACT /
COMPLIANCE:** Implements Transportation component of Plan

TIMETABLE: TBD

OPERATING SAVINGS: N/A

PY ALLOCATION: \$0

OPERATING IMPACT: N/A

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ 200,000	\$ 300,000	\$ 400,000	\$ 500,000	\$ 600,000	\$ 2,000,000
Cash Proffers	-	-	-	75,000	500,000	575,000
Other Sources:						
VDOT Rev. Sharing	-	-	-	75,000	500,000	575,000
Total Funding Sources	\$ 200,000	\$ 300,000	\$ 400,000	\$ 650,000	\$ 1,600,000	\$ 3,150,000
Funding Uses						
Construction	\$ -	\$ -	\$ 200,000	\$ 525,000	\$ 1,600,000	\$ 2,325,000
Professional Services	200,000	-	-	125,000	-	325,000
Land	-	300,000	200,000	-	-	500,000
Total Funding Uses	\$ 200,000	\$ 300,000	\$ 400,000	\$ 650,000	\$ 1,600,000	\$ 3,150,000

Public Works

FUNCTIONAL AREA: Public Works
DEPARTMENT: Public Works
PROJECT: Stormwater Implementation
LOCATION: Suburban Service Area
PROJECT CONTACT: Public Works 804-365-6179

DESCRIPTION/ JUSTIFICATION: Stormwater Implementation: This program provides for construction of regional stormwater management facilities and is funded from pro-rata contributions from new development in six watersheds: Beaverdam, Lickinghole Creek, Totopotomoy, Chickahominy, Stoney Run and Doswell. The implementation of this program is in lieu of private development construction to provide water quality facilities to comply with Chesapeake Bay Preservation Act requirement and assist the county in addressing water quality mandates to be imposed on localities by the Environmental Protection Agency.

USEFUL LIFE: N/A
COMP. PLAN IMPACT/COMPLIANCE: N/A

TIMETABLE: Early years of the program involved environmental permitting and conceptual designs. Construction of facilities is ongoing on a yearly basis along with associated acquisition, and permitting activities.

PY ALLOCATION: \$382,000 in FY99; \$360,000 in FY00; \$500,000 in FY01; \$450,000 in FY02; \$325,000 in FY03; \$350,000 in FY04; \$375,000 in FY05; \$1,000,000 in FY06

OPERATING IMPACT: Maintenance: FY07 \$7,500; FY08 \$4,500; FY09 \$1,800; FY10 \$6,000; FY11 \$2,500

OPERATING SAVINGS: N/A

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
Other Sources:						
Stormwater Fees	\$ 400,000	\$ 1,000,000	\$ 425,000	\$ 1,000,000	\$ 460,000	\$ 3,285,000
Total Funding Sources	\$ 400,000	\$ 1,000,000	\$ 425,000	\$ 1,000,000	\$ 460,000	\$ 3,285,000
Funding Uses						
Construction	\$ 275,000	\$ 800,000	\$ 300,000	\$ 800,000	\$ 325,000	\$ 2,500,000
Professional Services	60,000	90,000	65,000	90,000	70,000	375,000
Land	65,000	110,000	60,000	110,000	65,000	410,000
Other Uses:						
Total Funding Uses	\$ 400,000	\$ 1,000,000	\$ 425,000	\$ 1,000,000	\$ 460,000	\$ 3,285,000

Public Works Operations

FUNCTIONAL AREA: Public Works

DEPARTMENT: Solid Waste

PROJECT: Rubber Tire Loader for Transfer Station

LOCATION: Transfer Station

PROJECT CONTACT: Solid Waste 804-365-6158

**DESCRIPTION/
JUSTIFICATION:** Replacement for the current solid tire loader used for waste at 301 Transfer station.
The current tire loader has reached and surpassed its useful life.

USEFUL LIFE: 8 years.

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

TIMETABLE: FY11

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000
Other Sources:						
Other Source 2	-	-	-	-	-	-
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000
Funding Uses						
Equipment	\$ -	\$ -		\$ -	\$ 165,000	\$ 165,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000

Public Works Operations

FUNCTIONAL AREA: Public Works

DEPARTMENT: Solid Waste

PROJECT: Landfill Scales and Building

LOCATION: Transfer Station

PROJECT CONTACT: Solid Waste 804-365-6158

**DESCRIPTION/
JUSTIFICATION:** This project will provide a second set of scales for in and out traffic at the County transfer station.

USEFUL LIFE: 15 Years

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

TIMETABLE: FY10

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ 85,000	\$ -	\$ 85,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 85,000	\$ -	\$ 85,000
Funding Uses						
Construction	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ 30,000
Equipment	-	-	-	55,000	-	55,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ 85,000	\$ -	\$ 85,000

Public Works Operations

FUNCTIONAL AREA: Public Works

DEPARTMENT: Solid Waste

PROJECT: Roll Off Trucks

LOCATION: Countywide

PROJECT CONTACT: Solid Waste 804-365-6158

**DESCRIPTION/
JUSTIFICATION:** The current inventory of roll-off trucks are nearing the end of their useful life of 10 years. The initial trucks being replaced were acquired in 1997 and 1998, respectively.

USEFUL LIFE: 10 Years

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

TIMETABLE: One truck in FY08, FY09, FY11

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ 130,000	\$ 135,000	\$ -	\$ 145,000	\$ 410,000
Total Funding Sources	\$ -	\$ 130,000	\$ 135,000	\$ -	\$ 145,000	\$ 410,000
Funding Uses						
Equipment	\$ -	\$ 130,000	\$ 135,000	\$ -	\$ 145,000	\$ 410,000
Total Funding Uses	\$ -	\$ 130,000	\$ 135,000	\$ -	\$ 145,000	\$ 410,000

Public Works Operations

FUNTIONAL AREA: Public Works

DEPARTMENT: Solid Waste

PROJECT: Road Tractor

LOCATION: Countywide

PROJECT CONTACT: Solid Waste 804-365-6158

**DESCRIPTION/
JUSTIFICATION:** Road tractor to transport solid waste walking floor trailers, roll-off trailer and low boy trailer. Waste, mulch, fuel chips and tires are also transported. Replacement for tractor bought in 1986.

USEFUL LIFE: 20 years

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

TIMETABLE: FY10

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ 135,000	\$ -	\$ 135,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 135,000	\$ -	\$ 135,000
Funding Uses						
Equipment	\$ -	\$ -		\$ 135,000	\$ -	\$ 135,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ 135,000	\$ -	\$ 135,000

Public Works Operations

FUNCTIONAL AREA: Public Works

DEPARTMENT: Solid Waste

PROJECT: Transfer Trailers

LOCATION: Transfer Station and Mechanicsville Convenience Center

PROJECT CONTACT: Solid Waste 804-365-6158

**DESCRIPTION/
JUSTIFICATION:** 3-100 cubic yard trailer aluminum walking floor units. Replacement for equipment purchased in 1996.

USEFUL LIFE: 10 years

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

TIMETABLE: FY10

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ 195,000	\$ -	\$ 195,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 195,000	\$ -	\$ 195,000
Funding Uses						
Equipment	\$ -	\$ -	\$ -	\$ 195,000	\$ -	\$ 195,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ 195,000	\$ -	\$ 195,000

Public Works Operations

FUNCTIONAL AREA: Public Works

DEPARTMENT: Solid Waste

PROJECT: New Eastern Convenience Center

LOCATION: Eastern Hanover County

PROJECT CONTACT: Solid Waste 804-365-6158

**DESCRIPTION/
JUSTIFICATION:** Solid Waste Convenience Center with brush drop-off at site to be determined. The site is necessary to reduce the high volume of users at the Verdi Lane convenience center.

USEFUL LIFE: Indefinite

**COMP PLAN
IMPACT/COMPLIANCE:** Yes

TIMETABLE: Land Acquisition in FY11, construction in FY12

PY ALLOCATION: \$0

OPERATING IMPACT: If this site is funded, an additional driver, roll off truck, and five additional operators will be required in FY12.

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
Funding Uses						
Professional Services	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
Land	-	-	-	-	250,000	250,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000

Facilities Management

FUNCTIONAL AREA: Public Works

DEPARTMENT: Facilities Management

PROJECT: Taylor Complex Well House Improvements

LOCATION: Taylor Complex

PROJECT CONTACT: Facilities Management 804-365-6199

**DESCRIPTION/
JUSTIFICATION:** Rehab, painting and maintenance to existing 10,000 gallon water storage tank plus relocation of existing and new pumps, controls and new pump house. This project will prevent possible tank and water flow failure to Cannery and Animal Shelter

USEFUL LIFE: N/A

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

TIMETABLE: RFP to be issued in July work completed within 90 days

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Total Funding Sources	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Funding Uses						
Construction	\$ 122,500	\$ -	\$ -	\$ -	\$ -	\$ 122,500
Professional Services	18,500	-	-	-	-	18,500
Equipment	9,000	-	-	-	-	9,000
Total Funding Uses	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Facilities Management

FUNCTIONAL AREA: Public Works

DEPARTMENT: Facilities Management

PROJECT: Wickham Generator

LOCATION: Taylor Complex

PROJECT CONTACT: Facilities Management 804-365-6199

**DESCRIPTION/
JUSTIFICATION:** New emergency generator and transfer switch to replace the 30+ year old system now in use. This system is responsible for the emergency operations of the County computer network.

USEFUL LIFE: 20 Years

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

TIMETABLE: Installation - September 2007

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Total Funding Sources	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Funding Uses						
Equipment	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Total Funding Uses	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: Perimeter Security Fence

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

PROJECT CONTACT: Public Works 804/365-6181

**DESCRIPTION/
JUSTIFICATION:** The fence will be constructed in three phases, and will ultimately border the north and south approach, and the west side of the taxiway. Phase I includes fence construction in the north approach, Phase II includes fence construction in the south approach, and Phase III includes fence construction along the east side of the taxiway. Fence construction will consist of 8' chain link with 3 strands of barbed wire. Fence construction is required to limit access to airport property by pedestrians and private vehicular traffic. The fence is required because of several instances of pedestrians approaching aircraft during preflight run-ups causing a safety concern. Also businesses established along Air Park Road have been utilizing the taxiways as a means of additional parking.

USEFUL LIFE: 15 years - Fence replacement necessary 15 years after initial installation.

**COMP. PLAN
IMPACT/COMPLIANCE:** Compliance with homeland security directives for Airport facilities.

TIMETABLE: Construction of all three phases FY10

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ 55,000
Other Sources:						
State Grant	-	-	-	495,000	-	495,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 550,000	\$ -	\$ 550,000
Funding Uses						
Construction	\$ -	\$ -	\$ -	\$ 550,000	\$ -	\$ 550,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ 550,000	\$ -	\$ 550,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: West Side Terminal Building Renovation

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

PROJECT CONTACT: Public Works 804/365-6181

**DESCRIPTION/
JUSTIFICATION:** This renovation anticipates a small addition to the building to provide for more public use area, an upgrade of the restrooms to meet ADA compliance, a quiet area for pilot planning, as well as new entrances to the building, and other interior modifications. The usage of Hanover County Airport has increased over the last few years causing a strain on the current infrastructure. The current terminal building is undersized for the amount of traffic the airport is generating, with very small public use space available for pilots and passengers. Hanover County last remodeled the terminal building during the early part of the 1990's, and provided only maintenance improvements for the last 10 years.

USEFUL LIFE: Indefinite

**COMP. PLAN
IMPACT/COMPLIANCE:** West side terminal building improvements are required, in addition to the proposed east side terminal improvements, in order to accommodate the 20 year growth projections of Airport usage

TIMETABLE: FY07 Design and Construction. Design - Summer 2006; Construction - Fall 2006.

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Other Sources:						
DOAV Grant	160,000	-	-	-	-	160,000
Total Funding Sources	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Funding Uses						
Construction	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Professional Services	25,000	-	-	-	-	25,000
Total Funding Uses	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: West Hanger Site Design and Construction

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

PROJECT CONTACT: Public Works 804/365-6181

**DESCRIPTION/
JUSTIFICATION:** The usage of Hanover County Airport has increased over the last few years causing a strain on the current infrastructure. The fixed based operator (FBO) operating the airport under contract for the County desires to construct new hangars to meet the demand for aircraft parking at the airport. Site preparation includes grading, drainage improvements, replacement of old pavement and construction of new pavement. Hangar structure construction is projected to be approximately \$1,200,000 which will be paid for by the FBO. A preliminary layout has been prepared by the airport manager to include replacement of two old t-hangar units with new units. The Lease and Management Agreement between the FBO and the County requires the County to provide site preparation, and the FBO to construct the hangar units

USEFUL LIFE Indefinite

**COMP. PLAN
IMPACT/COMPLIANCE:** West side improvements are required, in addition to the proposed east side terminal improvements, in order to accommodate the 20 year growth projections of Airport usage

TIMETABLE: Construction completed in FY07

PY ALLOCATION: FY06 \$515,000 allocated to site design and construction Phase I.

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ 83,000	\$ -	\$ -	\$ -	\$ -	\$ 83,000
Other Sources:						
DOAV Grant	332,000	-	-	-	-	332,000
Total Funding Sources	\$ 415,000	\$ -	\$ -	\$ -	\$ -	\$ 415,000
Funding Uses						
Construction	\$ 415,000	\$ -	\$ -	\$ -	\$ -	\$ 415,000
Total Funding Uses	\$ 415,000	\$ -	\$ -	\$ -	\$ -	\$ 415,000

Airport

FUNCTIONAL AREA: Public Works
DEPARTMENT: Airport
PROJECT: Airport Land Acquisition
LOCATION: Hanover County Airport, 11152 Airpark Road, Ashland, Virginia 23005
PROJECT CONTACT: Public Works 804/365-6181

DESCRIPTION/ JUSTIFICATION: The 2000 Airport Master Plan indicates the need to purchase land or aviation easements to the south and east of the runway to meet FAA Airport Safety Criteria. Purchase of this property is required to remove airport obstructions, and to maintain the safety of people and property on the ground. The FAA and State support purchase of land for these reasons whenever possible. All land purchases will be performed in accordance with the Uniform Relocation Acquisition and Property Act of 1970 as required for property expenses to be eligible for federal and state reimbursement. Land acquisition is retroactively reimbursable in the event Federal or 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. Purchase of this property is required to remove airport obstructions, and to maintain the safety of people and property on the ground.

USEFUL LIFE: 20 years

COMP. PLAN IMPACT/COMPLIANCE: Land acquisition required for the Airport master plan, for 20 year growth projections

TIMETABLE: The process for completing the services necessary, including surveys and appraisals, will take about one year to complete before offers can be made to purchase the land.

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000
Other Sources:						
State Grant	-	-	-	160,000	-	160,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000
Funding Uses						
Construction	\$ -	\$ -	\$ -	\$ 192,000	\$ -	\$ 192,000
Professional Services	-	-	-	8,000	-	8,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: Study, Design and Construct Terminal Building

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

PROJECT CONTACT: Public Works 804/365-6181

DESCRIPTION: The Airport Master Plan 2000 has indicated that a new terminal building is required to service the new east die terminal area. The terminal building will service all areas of aviation such as flight training, maintenance and customers. The feasibility study will identify facility needs and estimate building size, cost and ultimately funding eligibility by the Department of Aviation. Design will include the architectural, structural, and civil design of the building and will establish the engineers' cost estimate to construct the building. The construction element consists of bidding, construction management and actual building construction. The Airport Master Plan 2000 has indicated that a new terminal building is required to service the new east die terminal area.

USEFUL LIFE: 20 years

COMP. PLAN

IMPACT/COMPLIANCE: Implements Airport component of Comp. Plan for projected growth

TIMETABLE: FY10 terminal building feasibility study performed, FY11 terminal building will be designed, and FY12 terminal building will be constructed.

PY ALLOCATION: \$0

OPERATING IMPACT: Unknown

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ -	\$ -	\$ 20,000	\$ 200,000	\$ 220,000
Other Sources:						
DOAV Grant	-	-	-	80,000	200,000	280,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ 100,000	\$ 400,000	\$ 500,000
Funding Uses						
Professional Services	\$ -	\$ -	\$ -	\$ 100,000	\$ 400,000	\$ 500,000
Total Funding Uses	\$ -	\$ -	\$ -	\$ 100,000	\$ 400,000	\$ 500,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: East Side Taxiway and Apron

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

PROJECT CONTACT: Public Works 804/365-6181

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. Currently, an environmental assessment is being performed to evaluate and address any environmental issues related to the construction of a new terminal area. Prior to construction, the design of the basic facilities, including a taxiway and apron, must be completed. 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.

USEFUL LIFE: 20 years

COMP. PLAN

IMPACT/COMPLIANCE: Runway component of east side terminal project in adopted Comp. Plan

TIMETABLE: Design is estimated to begin Fall 2007 and be completed by Summer 2008. Construction is estimated to begin Summer 2008 and end Summer 2009

PY ALLOCATION: FY03 Environmental Assessment for East Terminal Area was funded.

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ 70,000	\$ 60,000	\$ -	\$ -	\$ 130,000
Other Sources:						
DOAV Grant	-	280,000	-	-	-	280,000
FAA Grant	-	-	2,850,000	-	-	2,850,000
Total Funding Sources	\$ -	\$ 350,000	\$ 2,910,000	\$ -	\$ -	\$ 3,260,000
Funding Uses						
Construction	\$ -	\$ -	\$ 2,910,000	\$ -	\$ -	\$ 2,910,000
Professional Services	-	350,000	-	-	-	350,000
Total Funding Uses	\$ -	\$ 350,000	\$ 2,910,000	\$ -	\$ -	\$ 3,260,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: Jet Fuel Tank Replacement

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

PROJECT CONTACT: Public Works 804/365-6181

**DESCRIPTION/
JUSTIFICATION:** The Jet Fuel tank will be approximately 16 years old, and in need of replacement in FY09. The current tank was constructed in 1989, replacing an underground storage tank. This tank was refurbished in 1996 with an epoxy coated lining to prevent corrosion. The new system will be constructed in a manner to meet the then current environmental regulations, and in compliance with the requirements of the FAA. This new jet fuel tank will be located in the east side terminal area, to better service corporate aircraft.

USEFUL LIFE: 15 years

**COMP. PLAN
IMPACT/COMPLIANCE:** Airport customers require both Avgas and Jet Fuel tanks, and state environmental regulations require the tanks to meet tightness and leak proof standards

TIMETABLE: Design and construction Summer/Fall 2008

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ 140,000
Total Funding Sources	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ 140,000
Funding Uses						
Construction	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ 125,000
Professional Services	-	-	15,000	-	-	15,000
Total Funding Uses	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ 140,000

Airport

FUNCTIONAL AREA: Public Works

DEPARTMENT: Airport

PROJECT: Airport Safety Improvements

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

PROJECT CONTACT: Public Works 804/365-6181

**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 runway protection zone other than navigational aids and appropriate security fencing. Underground utility connections will be designed, coordinated and relocated by the impacted utility companies. Utilities in the north approach were moved underground during the runway extension project. Once this project in the south approach is completed there will be no overhead utilities impacting the airport. FAA regulations recommend that there be nothing in a runway protection zone other than navigational aids and appropriate security fencing.

USEFUL LIFE: Indefinite

COMP. PLAN

IMPACT/COMPLIANCE: Completes critical safety project for Airport Development Plan

TIMETABLE: FY08

PY ALLOCATION: \$0

OPERATING IMPACT: \$0

	FY07	FY08	FY09	FY10	FY11	Totals
Funding Sources						
General	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
Other Sources:						
State Grant	-	-	-	-	-	-
DOAV	-	160,000	-	-	-	160,000
Total Funding Sources	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
Funding Uses						
Construction	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Professional Services	-	50,000	-	-	-	50,000
Total Funding Uses	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000