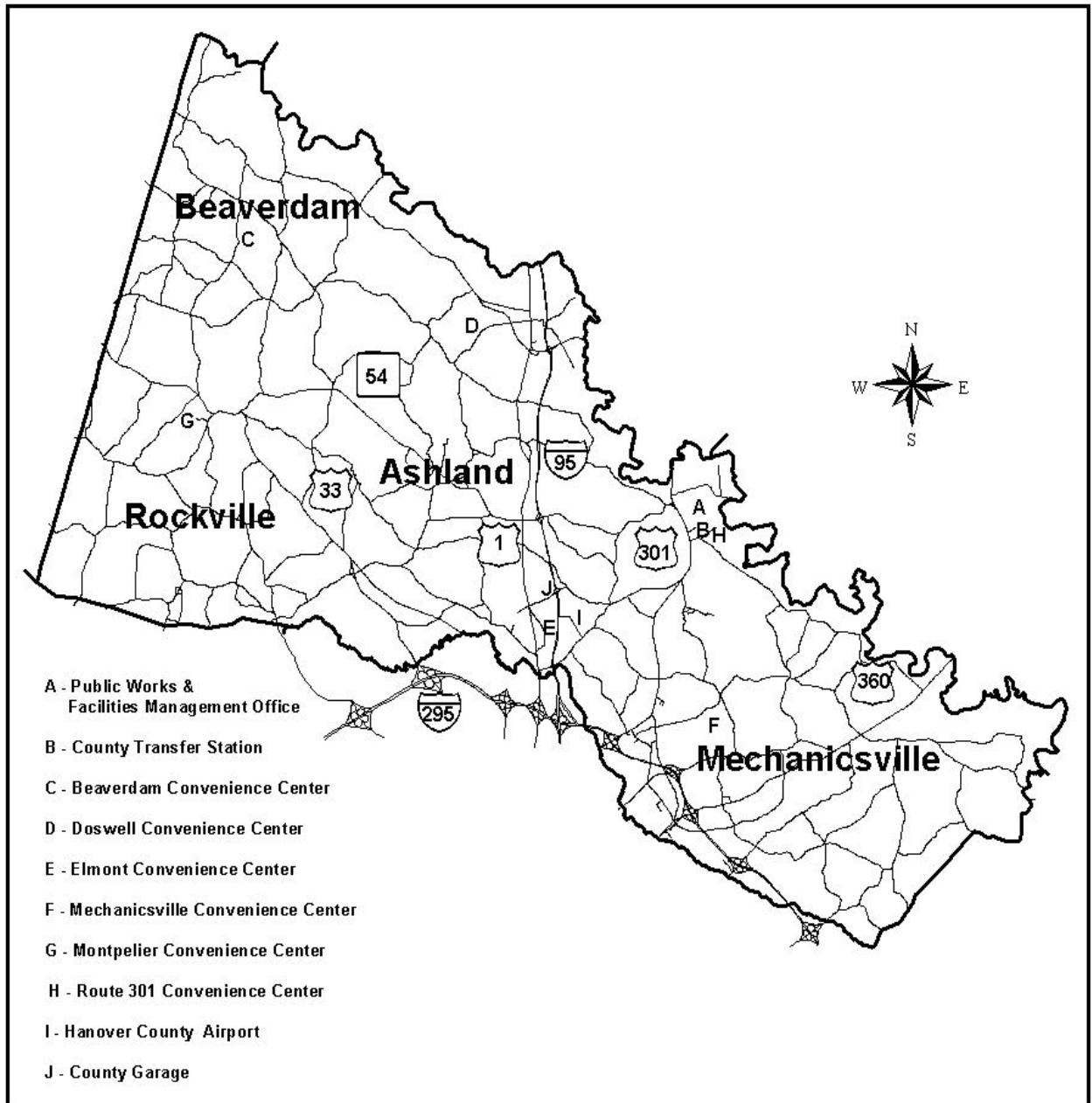


## Public Works Facilities

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



**PUBLIC WORKS: REGIONAL STORMWATER IMPLEMENTATION**

**LOCATION:** Suburban Service Area

**DESCRIPTION:** 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 (Various). The implementation of this program is in lieu of private development construction to provide water quality facilities to comply with Chesapeake Bay Preservation Act requirements and assist the County in addressing water quality mandates to be imposed on localities by the Environmental Protection Agency.

**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:**

FY00	FY01	FY02	FY03	FY04
\$ 360,000	\$ 500,000	\$ 450,000	\$ 325,000	\$ 350,000

**OPERATING IMPACT:**

FY05	FY06	FY07	FY08	FY09
\$ 8,000	\$ 10,000	\$ 12,000	\$ 14,000	\$ 15,000

**FUNDING SOURCES:** See table below

	FY05	FY06	FY07	FY08	FY09	Totals
<b>Funding Sources</b>						
Other (Pro-rata Fees)	375,000	375,000	400,000	400,000	425,000	1,975,000
Funding Reserves	-	-	-	-	575,000	575,000
<b>Total Funding Sources</b>	<b>\$ 375,000</b>	<b>\$ 375,000</b>	<b>\$ 400,000</b>	<b>\$ 400,000</b>	<b>\$ 1,000,000</b>	<b>\$ 2,550,000</b>
<b>Funding Uses</b>						
Construction	200,000	200,000	275,000	275,000	700,000	1,650,000
Professional Services	60,000	60,000	60,000	65,000	140,000	385,000
Land	115,000	115,000	65,000	60,000	160,000	515,000
<b>Total Funding Uses</b>	<b>\$ 375,000</b>	<b>\$ 375,000</b>	<b>\$ 400,000</b>	<b>\$ 400,000</b>	<b>\$ 1,000,000</b>	<b>\$ 2,550,000</b>

**PUBLIC WORKS: ROADWAY IMPROVEMENTS**

**LOCATION:** Countywide

**DESCRIPTION:** This program provides funding to enable the County to maximize its eligibility for matching funds to promote economic development through improved access. The Virginia Department of Transportation (VDOT) provides 50% of the funding for eligible projects up to \$500,000 a year. The remaining 50% is funded through developer contributions. The extension of Lakeridge Parkway North has been selected for the FY05 appropriation. This project will connect Lakeridge Parkway from its current terminus north of Sliding Hill Road to the southern extension of North Lakeridge Parkway, which is currently under construction.

**TIMETABLE:** Project determination, design and completion will be determined by the Board of Supervisors and will vary by project.

<b>PY ALLOCATION:</b>	<b>FY00</b>	<b>FY01</b>	<b>FY02</b>	<b>FY03</b>	<b>FY04</b>	<b>Totals</b>
	500,000	1,000,000	1,100,000	1,300,000	1,350,000	\$ 5,250,000

**OPERATING IMPACT:** \$0

**FUNDING USES:** See table below

	<b>FY05</b>	<b>FY06</b>	<b>FY07</b>	<b>FY08</b>	<b>FY09</b>	<b>Totals</b>
<b>Funding Sources</b>						
Other Sources:						
State (VDOT)	500,000	500,000	500,000	500,000	500,000	2,500,000
Recovered Cost	500,000	500,000	500,000	500,000	500,000	2,500,000
<b>Total Funding Sources</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 5,000,000</b>
<b>Funding Uses</b>						
Construction	850,000	850,000	850,000	850,000	850,000	4,250,000
Professional Services	150,000	150,000	150,000	150,000	150,000	750,000
<b>Total Funding Uses</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 5,000,000</b>

**PUBLIC WORKS: TRAFFIC IMPROVEMENTS**

**LOCATION:** Countywide

**DESCRIPTION:** Design and construct safety and capacity improvements. These projects may be located anywhere in the County, however the proposed improvements must be of substantial benefit to the communities from which the cash proffers were received and no other source of funding is readily available for these projects. The Roads Committee will review project candidates, the public benefit to be derived, the correlation between the project, the source of funds and the impact to affected property owners to help develop candidate projects for Board approval. The following 4 projects have been selected for FY05:

- 1) **Tyler Station Road/Teman Road Intersection:** realign intersection.
- 2) **Pole Green Road (West of Fallman Drive):** improve sight distance.
- 3) **Cold Harbor/Lee Davis/Walnut Grove Rds Intersection:** add right turn lane on eastbound Cold Harbor Road.
- 4) **Rt. 301 @ Intersection of New Ashcake Road and Rural Point Road:** add right-turn lanes on New Ashcake and Rural Point Roads and left-turn lane on Northbound Rt. 301.

**TIMETABLE:** Project determination, design and completion will be determined by the Board of Supervisors and will vary by project.

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

**FUNDING USES:** See table below

	FY05	FY06	FY07	FY08	FY09	Totals
<b>Funding Sources</b>						
Road Cash Proffers	365,000	376,000	390,000	400,000	411,000	1,942,000
<b>Total Funding Sources</b>	<b>\$ 365,000</b>	<b>\$ 376,000</b>	<b>\$ 390,000</b>	<b>\$ 400,000</b>	<b>\$ 411,000</b>	<b>\$ 1,942,000</b>
<b>Funding Uses</b>						
Construction	265,000	276,000	290,000	300,000	311,000	1,442,000
Professional Services	100,000	100,000	100,000	100,000	100,000	500,000
<b>Total Funding Uses</b>	<b>\$ 365,000</b>	<b>\$ 376,000</b>	<b>\$ 390,000</b>	<b>\$ 400,000</b>	<b>\$ 411,000</b>	<b>\$ 1,942,000</b>

**SOLID WASTE SERVICES: LOW BOY TRANSPORT TRAILER**

**LOCATION:** 301 Transfer Station

**DESCRIPTION:** Replace existing low boy transport trailer; this piece of equipment is used to transport heavy duty equipment, supplies and materials. The useful life of a low boy transport trailer is 12 years.

**TIMETABLE:** FY 06/07

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

**FUNDING USES:** See table below

	FY05	FY06	FY07	FY08	FY09	Totals
<b>Funding Sources</b>						
General Fund	-	-	50,000	-	-	50,000
<b>Total Funding Sources</b>	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
<b>Funding Uses</b>						
Equipment	-	-	50,000	-	-	50,000
<b>Total Funding Uses</b>	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000

**SOLID WASTE SERVICES: ROLL OFF TRUCKS**

**LOCATION:** 301 Transfer Station

**DESCRIPTION:** The current inventory of roll-off trucks are nearing the end of their useful lives. They were acquired in 1997 and 1999, respectively. The useful life of a roll-off truck is 10 years.

**TIMETABLE:** One truck in FY08 and One truck in FY09

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

**FUNDING USES:** See table below

	FY05	FY06	FY07	FY08	FY09	Totals
<b>Funding Sources</b>						
General Fund	-	-	-	115,000	118,000	233,000
<b>Total Funding Sources</b>	\$ -	\$ -	\$ -	\$ 115,000	\$ 118,000	\$ 233,000
<b>Funding Uses</b>						
Equipment	-	-	-	115,000	118,000	233,000
<b>Total Funding Uses</b>	\$ -	\$ -	\$ -	\$ 115,000	\$ 118,000	\$ 233,000

**FACILITIES MANAGEMENT: TAYLOR COMPLEX WATER PUMP/STORAGE**

**LOCATION:** Taylor Complex

**DESCRIPTION:** Rehabilitate and maintain existing 10,000 gallon water tank, pumps, controls and install a new pump house. The pump house is needed to accommodate the mechanical and electrical components in the boiler room of the Cannery.

**TIMETABLE:** RFP in July 2006, contract issued in August with work to be completed within 90 days.

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

**FUNDING USES:** See table below

	FY05	FY06	FY07	FY08	FY09	Totals
<b>Funding Sources</b>						
General Fund	-	125,000	-	-	-	125,000
<b>Total Funding Sources</b>	<b>\$ -</b>	<b>\$ 125,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 125,000</b>
<b>Funding Uses</b>						
Equipment	-	125,000	-	-	-	125,000
<b>Total Funding Uses</b>	<b>\$ -</b>	<b>\$ 125,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 125,000</b>

**FACILITIES MANAGEMENT: PARKS & RECREATION MAINTENANCE SHOP RE-ROOFING**

**LOCATION:** 12454 Taylor Complex Lane, Ashland, VA. 23005

**DESCRIPTION:** The roof felts on the current roofing system are failing from blistering and moisture. This allows for water to infiltrate the roof decking and cause water leaks. The roofing system is approximately 20 years old and is at the end of its useful life. This project would provide for a total roof replacement to the Parks and Recreation maintenance shop facility.

**TIMETABLE:** FY05

**PY ALLOCATION:** \$0

**OPERATING IMPACT:** \$0

**FUNDING USES:** See table below

	FY05	FY06	FY07	FY08	FY09	Totals
<b>Funding Sources</b>						
General Fund	75,000	-	-	-	-	75,000
<b>Total Funding Sources</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 75,000</b>
<b>Funding Uses</b>						
Equipment	75,000	-	-	-	-	75,000
<b>Total Funding Uses</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 75,000</b>