

# CHAPTER 6

## PUBLIC FACILITIES

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### GOAL

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To provide optimum public facilities and services that meet the County's current and future needs in a reliable, efficient, economic, and environmentally responsible manner.

- ❖ Public Utilities: Ensure the orderly expansion of and improvements to the County's utility infrastructure.
  - ❖ Public Safety: Provide for and protect health and safety in the County through the continuous support of Public Safety agencies.
  - ❖ Parks and Recreation: Provide park and recreation facilities to meet the needs of current and future County residents.
  - ❖ Public Education: To have a superior education system that serves as an asset to the community and to provide quality education facilities to serve all of our citizens.
  - ❖ Solid Waste: Provide facilities to ensure adequate options for solid waste disposal throughout the County.
  - ❖ Technology: Encourage opportunities to meet the technology needs of the entire County in an affordable manner.
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## CHAPTER 6 PUBLIC FACILITIES

Providing and maintaining public facilities and public services are essential to the protection of the health, safety, welfare, and quality of life for the residents and businesses in the County and enhances economic development capabilities. The County should strive to allocate adequate land for public facilities to maintain and increase levels of service and to identify land allocation needs for public facilities before development occurs.

Several of the goals of the recently adopted County Strategic Plan emphasize efficient and effective services, sound financial health, and planning for future capital needs. In particular, Goal 4 is “*High quality core services including Education, Public Safety, and Community Health.*” This Comprehensive Plan recognizes the importance of planning for public facilities. It is also important for the County to remain flexible so it can respond to growth and service in a fiscally sustainable manner, and provide services when and where they are needed. To these ends, public facilities should be designed and built to maximize existing infrastructure, to be cost efficient, and to facilitate private investment when appropriate.

Public facilities like schools, parks, and libraries contribute to the identity of a community and provide

public gathering places. When these facilities are provided in an exemplary manner, they contribute to higher property values because of the increased appeal to the community.

The following public facilities/public services are addressed in this chapter:

- Public Utilities
- Sheriff’s Office
- Fire and Rescue
- Animal Protection
- Parks and Recreation
- Schools
- Solid Waste
- Technology

### PUBLIC UTILITIES

Public water and sewer is located generally in the eastern end of the County in the Tuckahoe Creek Service District and in the Courthouse Village. The Tuckahoe Creek Service District (TCSD) was established in 2002 and is located in easternmost Goochland County. The original plan was to establish water and sewer service to approximately 8,500 acres (13 square miles) in eastern Goochland to serve the commercial and industrial areas along the Route 288 corridor and portions of the Route 250 and I-64 corridors. The 3,500-acre West Creek Business Park is located in the TCSD.

Water provided by the TCSD is purchased from Henrico. The water source for the TCSD is surface water from the James River which is treated by Henrico using conventional flocculation, sedimentation and filtration processes. Sanitary sewer effluent is piped to either the Henrico or the Richmond Waste Water Treatment Plants for treatment and released back into the James River.

The Goochland Courthouse Village is served by public water and sewer systems owned by the State Department of Corrections. The water source for this system is surface water from the James River which is treated by conventional flocculation, sedimentation, and filtration processes. The County purchases water from the Department of Corrections and owns most of the branch lines serving the village outside the correctional center. This system serves approximately 250 customers. There is a Memorandum of Understanding between Goochland, Powhatan and Department of Corrections to provide additional water in the future.

Several private central water systems are in operation: a small area in the Crozier Village, Pagebrook, James River Estates, Manakin Farms, and Jenkins Mobile Home Park. James River Estates has a sanitary district for the central water system and a water line along River Road provides public water as a support to the existing system.

The County recently completed a Utility Master Plan which will be used to optimize the existing system and to plan for future infrastructure improvements. This Plan provides a comprehensive evaluation of the County's water and wastewater system within the Goochland Courthouse and Eastern Goochland Service Areas and identifies recommended improvements projected to be required through the Year 2045. Maps which illustrate existing and proposed future improvements can be found in the Utility Master Plan.

## PUBLIC UTILITIES IMPLEMENTATION STRATEGIES

### Public Utilities - General

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	Manage utilities in conjunction with land uses recommended by the 2035 Plan	Public Utilities and Planning	✓		
P	Evaluate timing, funding, and priority for implementing projects identified in the 2015 Utility Master Plan	Public Utilities	✓		
P	When appropriate, prepare cost-benefit analysis for the feasibility of extending public water and sewer trunk lines through the TCSD to connect to developer-funded local distribution systems and developer-funded lateral lines	Public Utilities	✓		
p	In areas with a high growth potential, support design for both trunk and distribution systems to accommodate future expansions	Public Utilities	✓		
P	Encourage the use of public and/or centralized sanitary sewer facilities rather than septic systems in Designated Growth Areas	Public Utilities and Planning	✓		

\*P: Policy, A: Action

**System Expansion**

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	Monitor plans for the supply and distribution of water and the collection and treatment of sewage and amend as needed	Public Utilities	✓		
P	Coordinate the plans of existing private utility companies and proposed public utilities to minimize waste and duplication of efforts, to encourage creative alternatives, and to create more efficient distribution of services	Public Utilities	✓		
P	Coordinate and cooperate with neighboring municipalities and agencies to pursue the most economical and logical expansion of public utilities	Public Utilities	✓		
A	Evaluate options for increasing sewer capacity in the Courthouse to match water capacity.	Public Utilities and Planning			✓
P	Continue to support public utility services provided in the Courthouse Village in cooperation with the State Department of Corrections	Public Utilities	✓		

**Utility Master Plan**

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	Use the 2015 Utility Master Plan to aid in predicting future Capital Improvement Projects and optimize the existing system to provide the highest quality service to our customers	Public Utilities	✓		
P	Utilize models of the existing water and wastewater infrastructure for existing analysis and future predictions	Public Utilities	✓		
P	Utilize the Condition Assessment report to ensure the highest performance of all utility assets	Public Utilities	✓		

\*P: Policy, A: Action

## PUBLIC SAFETY

### Sheriff's Office

The Sheriff's Office is a multi-faceted law enforcement agency providing many public safety services for the citizens of Goochland County. Sheriff's communications officers supervise the County's enhanced 911 system and dispatch deputies, other police agencies, and fire-rescue units 24 hours a day. In addition, deputies enforce all criminal and traffic laws and investigate more than 95% of the criminal complaints in the County.

The Sheriff is also responsible for the security of three court rooms, the movement of prisoners, and enforcement of court orders. Deputies provide security to the Goochland General District and Juvenile and Domestic Relations Combined Courts and to the Goochland Circuit Court. They maintain safety and control in the courtrooms and prevent unauthorized entry of weapons and contraband into the courthouse. Deputies serve civil papers which include garnishments, summonses and other court orders and carry out court ordered evictions, levies, and mental commitments. Also deputies transport inmates to and from court appearances, medical appointments, and Department of Corrections transfers.

Responsibilities and activities of the Sheriff's Office include but are not limited to the following:

### Traditional Law Enforcement

- Criminal investigations of State, Federal, and Local law
- Search and rescue
- 24 hour/day patrol with RADAR equipped police vehicles
- Business and residential security checks
- Selective traffic enforcement and traffic safety checkpoints
- Traffic crash investigations
- Joint commercial truck safety inspections with Virginia State Police
- Bank deposit escorts
- Instruct statewide recruits at Rappahannock Regional Criminal Justice Academy

### Communications

- Twenty-four hour Communications and Dispatch Center dispatches all fire, rescue, and law enforcement agencies within the County
- Enhanced 911 services

### Crime Prevention

- Citizen's Sheriff's Academy
- D.A.R.E Unit
- School Resource Officer
- Neighborhood Watch
- Business inspection programs
- Special events
- Operation Child Care /Operation Kid Care

- Mutual aid agreements with adjacent county police agencies

#### Special Programs

- Meals on Wheels Delivery
- Goochland Christmas Mother
- RADAR Trailer
- Mobile AED's (Heart Defibrillator Units)
- Richmond Metro Crime Stoppers
- Central Virginia's Most Wanted Program (WWBT-12 & Comcast)
- Accreditation through the Va. Professional Law Enforcement Standards Commission
- Video equipped Selective Traffic Enforcement Vehicle
- Requests for vacation checks and extra patrols

#### Court Related Services

- 2 cage transport vehicles, 15 passenger prisoner van
- Maintenance and security of prisoner holding cells
- Automated fingerprint system linked with the FBI and State Police
- Automated record keeping
- Digital photography for booking
- Security for three courtrooms
- Interstate prisoner extraditions
- Intrastate prisoner transportation to and from courts and jails

There is no local jail in Goochland County. Local inmates are housed at the Henrico County Regional Jail East located in New Kent County. Opened in 1996, this facility was built and is operated as part of a regional agreement between Goochland, Henrico and New Kent counties. Juveniles are housed in the James River Regional Juvenile Detention Center in Powhatan County. This facility serves Henrico, Goochland, and Powhatan counties.

Construction of a new Emergency Operations Center is underway with an anticipated completion date of Summer 2016. The facility will be a dispatch center and an emergency operations center to be used for disaster response, weather events, and otherwise as needed. The building will also be used for training.

Historically, the County's crime rate has been one of the lowest in Virginia. However, there is a correlation between population growth and increased calls for service. The number of overall calls will be expected to increase as the County grows. Projected population growth and new development will impact the operations of the Sheriff's Office.

The costs and consequences of land use development to the Sheriff's Office must continually be considered. In addition, periodic advances in equipment and technology and upgraded space for operations are to be expected. As the County's population grows, the demands on public service agencies continue to increase. Over the time horizon for this plan, the services provided by the Sheriff's

Office are likely to be impacted by the growing number of residents and businesses, additional traffic volumes on County roadways, and changing commuting patterns. These impacts may necessitate additional personnel, upgrades in equipment and technology, and additional space for operation.

### **Fire and Rescue**

The Goochland County Fire-Rescue Department, in conjunction with the Goochland County Volunteer Fire-Rescue Association, provides fire and rescue response to the County. The Department currently employs a staff of full-time County employees who support and supplement the volunteer members of the organization. The Department also coordinates the County's Emergency Operations Plan. Administrative offices are located in the Goochland Courthouse Village.

Fire-Rescue provides countywide, 24-hour fire and emergency medical service and cooperates with surrounding counties to provide and receive mutual aid as needed. Emergency units operate out of six stations/companies which operate together to provide fire protection and emergency medical care.

There are currently six Fire-Rescue Stations in the County. All Fire-Rescue companies provide both fire and EMS responses from their stations. Not all stations have accommodations for overnight stay. In 2014 the County embarked on the first County owned station replacement in Hadensville. In the future, the

expectation is for future stations to be County-owned and funded facilities.

Fire and EMS response service areas are periodically revised due to growth and development trends. In October, 2014 the Board of Supervisors adopted a goal for response time standards. A recommended 15 minute standard for areas east of Rt. 522 south from the Louisa Line to its intersection with Jackson Shop Road and east of Jackson Shop Road to its intersection with Rt. 6 and a 20 minute standard for all areas west of the above points.

Level of service standards are based on call volume, distance, and response time. This will determine where future stations will be required to provide optimal public fire/rescue response.

### Volunteer Resources

Sufficient, well-trained personnel are essential to maintain adequate fire protection in the County. Fire-Rescue volunteers receive professional training and must meet extensive standards set by the State's Office of Emergency Medical Services and Department of Fire Programs. Fire-Rescue volunteers have the option to be cross-trained in both fire and rescue skills, and many perform in both capacities. Several Fire-Rescue volunteers are certified paramedics. As technologies change and Fire-Rescue services evolve, managing and assuring up-to-date and specialized training will become increasingly important.

The recruitment and retention of volunteers remains a critical and primary concern of Fire-Rescue. Increases in volunteer membership have not kept pace with the County's population growth. Active volunteer membership (Fire, Rescue, and Fire-and-Rescue trained volunteers) varies significantly from year-to-year with frequent 15%-20% increases or decreases. Overall, volunteer hours are decreasing, making it necessary for the County to hire paid staff to provide reliable response to citizens.

#### Facilities and Equipment

Efficient and timely response to emergency and medical calls with the personnel and equipment appropriate for the situation is critical - improving the safety of both the residents and the responders. Fire-Rescue operates equipment to respond to all-hazards such as vehicle accidents, fires, illness, injury, and to provide pre-hospital emergency care for medical emergencies including Advanced Life Support and special cardiac care.

Fire-Rescue operates a training center along the west line of Maidens Road (Rte. 634) approximately one mile north of River Road West (Rte. 6). The training center consists of a smokehouse for live fire training, a vehicle extrication area, classrooms, restrooms, and storage facilities. The site also includes an emergency communications radio tower and related equipment.

Up-to-date apparatus is essential for carrying out public safety activities in the County, and periodic

evaluation is done to determine the equipment necessary to accommodate growth and development without lowering service levels. Periodic advances in equipment and technology and upgraded spaces for operations are to be expected. New development and growth will necessitate additional fire stations in order to maintain response standards. As call volume increases the need for additional staff (both career and volunteer) will be required.

Fire and Rescue is funded by a combination of tax dollars, grants, and tax deductible donations. Funding for fire apparatus is provided by the Board of Supervisors. Funds should be allocated for the purchase of replacement ambulances on a seven-year cycle and other vehicles on a fifteen-year cycle; this would enable the Department to maintain a modern fleet of reliable vehicles.

Planning for additional and replacement equipment and assuring specialized training will become increasingly important. Apparatus funding could be addressed through development of an "apparatus replacement plan" incorporated into the County's Capital Improvement Program (CIP) budgeting process. Fire-Rescue periodically reevaluates the Goochland Fire-Rescue Strategic Plan and applicable recommendations of that plan should be incorporated into the County's comprehensive plan, CIP, or other countywide planning efforts which address public safety.

### **Animal Protection**

The Department of Animal Protection also provides public safety services for the County. Animal protection officers provide around the clock services for citizens 365 days a year. This office enforces all state and local animal welfare ordinances. This office has the following responsibilities:

- Work to prevent the spread of rabies to humans and domestic animals
- Investigate dog bites and potential vicious dog cases
- Ensure through education and disciplinary actions, that all domestic animals in the County are provided adequate care and are treated humanely
- Confine all stray domestic animals and impound them at the animal shelter
- Maintain the animal shelter
- Find permanent homes for unclaimed animals through adoptions to citizens and networking with animal rescue organizations

The County currently has one animal shelter located on Fairground Road. Increasing animal populations, along with more stringent State mandates requiring more separation among animal populations in municipal shelters, will require the construction of a new animal shelter. Plans for construction of this shelter are in the works and completion is scheduled for approximately late 2016.

Citizens have an increased expectation of services to include routine evening services in addition to the current emergency services provided. The Animal Protection Office will be doing a Needs Assessment to help determine future staffing levels that would be required to maintain adequate service.

## PUBLIC SAFETY IMPLEMENTATION STRATEGIES

### Public Safety - General

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	Ensure maintenance of existing facilities and equipment and continue to monitor needs to add new facilities and equipment	Sheriff and Fire-Rescue	✓		
P	Maximize the use of volunteers, citizen and private programs, inter-jurisdictional opportunities, and grant funds to leverage the County's ability to provide public safety services	Sheriff and Fire-Rescue	✓		
P	Maintain and keep up to date the Geographic Information System (GIS) to strengthen quick-response systems and to map and coordinate service areas	GIS	✓		

### Sheriff's Office

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	Maintain adequate equipment/protective gear to ensure Officer Safety and response	Sheriff's Office	✓		
P	Continue to monitor and upgrade radio equipment as needed	Sheriff's Office	✓		
A	Construct the Emergency Operations Center	Administration & Sheriff's Office		✓	
A	Begin preparations for a new Courthouse Building	Administration & Sheriff's Office			✓

\*P: Policy, A: Action

**Fire-Rescue**

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
A	Develop a Fire-Rescue Strategic Plan to manage the allocation and expansion of Fire-Rescue and Emergency Management resources	Fire-Rescue			✓
P	Strive for the following response times: <ul style="list-style-type: none"> <li>• 15 minute standard for areas east of Rt. 522 south from the Louisa Line to its intersection with Jackson Shop Road and east of Jackson Shop Road to its intersection with Rt. 6</li> <li>• 20 minute standard for all areas west of the above points</li> </ul>	Fire-Rescue	✓		
P	Expand and add new fire protection and emergency medical service facilities and equipment as need to maintain acceptable levels of service		✓		
P	Establish new stations or relocated existing stations as needed to maintain acceptable County response times	Fire-Rescue	✓		
A	Complete the new Station #6 in Hadensville Village	Fire-Rescue & Administration			✓
P	Recruit and retain an adequate number of Fire-Rescue volunteers to keep pace with the anticipated growth	Fire-Rescue	✓		
P	Continually examine the need to provide manpower supplementation with full-time, career safety personnel, especially during hours that volunteer manpower does not achieve minimum staffing levels	Fire-Rescue	✓		
P	As needed, hire career firefighter/EMS personnel to increase coverage	Fire-Rescue	✓		

\*P – Policy, A – Action Item

**Fire-Rescue - Development Standards**

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	<p>Include Insurance Services Office Fire Protection Class ratings as well as the other Fire-Rescue requirements into density and development standards for the County.</p> <ul style="list-style-type: none"> <li>• Ensure all proposed roadway and traffic improvements have Fire-Rescue review and input</li> <li>• Evaluate the effects of new projects on Fire-Rescue response times</li> <li>• Require all new traffic signals installed in the County to include a pre-emption system to facilitate the safe and timely passage of emergency vehicles</li> <li>• Require interconnectivity and multiple means of ingress/egress for all large subdivisions</li> <li>• Define all residential driveways as fire access rights-of-way</li> </ul>	Fire-Rescue	✓		
P	Confirm the availability of water for fire protection in development in rural areas. This is achieved primarily with dry hydrant installations	Fire-Rescue	✓		
P	Promote rural development in accordance with Urban Wildland Interface guidelines, which is desirable where urban development (subdivisions and businesses) border natural areas (typically surrounding forests and fields)	Fire-Rescue	✓		

\*P – Policy, A – Action Item

**Animal Protection**

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	Continue to provide Public Safety services while striving to reduce response times	Animal Protection	✓		
P	Continue to provide forever homes for all adoptable animals entering the Animal Shelter	Animal Protection	✓		
P	Continue to reduce the number of rabies incidents in domestic animals through education, law enforcement, and providing low cost rabies clinics	Animal Protection	✓		
A	Construct new animal shelter	Animal Protection		✓	
A	Do a Needs Assessment Analysis to determine future staffing needs	Animal Protection		✓	

\*P: Policy, A: Action

## PARKS AND RECREATION

Park and recreation facilities are valuable community assets. The social, communal, and personal benefits derived from park, recreation, open space, and leisure opportunities are increasingly important as development increases and the overall pace of life quickens. Quality park and recreation facilities enhance the quality of life and health of County residents. Additionally, parks and recreation facilities provide public gathering places and contribute to the identity of a community. When facilities are provided, they contribute to community pride and reinforce the County's commitment to high quality development.

The value and services provided by the Recreation Division extend beyond the provision of playgrounds and athletic fields. The Division provides comprehensive year-round programs for youth and adults which includes athletics, leisure skill classes, fitness, arts and crafts, cultural opportunities, general recreational classes, special events, social trips, and educational enrichment.

The result of population growth on the demand for Parks and Recreation services should be considered. In addition to the continual maintenance required for new and existing facilities, periodic capital

expenditures are necessary to purchase, construct, expand, or reconstruct Parks and Recreation facilities.

*Facilities* - As Goochland County's population grows, the demand for recreational facilities will grow. Per the Virginia Outdoor Plan, there is additional need for park land and public open space in the County. The Parks and Recreation Department operates six outdoor recreational facilities including three parks.

Many County facilities are near capacity usage limits. With projected population growth, the County may need to plan for more recreation facilities and activities. Consideration should be given to the acquisition and development of park and open space to serve the needs of all County residents. Development plans should be reviewed with this in mind.

The County has the opportunity to do long range park and recreation planning. The current Parks and Recreation Master Plan consists of a comprehensive needs assessment and an inventory and analysis of existing resources. This plan is currently being updated and it is the intent for the Parks and Recreation Master Plan to be incorporated by reference in the Comprehensive Plan.

## PARKS AND RECREATION IMPLEMENTATION STRATEGIES

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
A	Update the Parks and Recreation Master Plan	Parks and Rec		✓	
P	Continue to monitor future demand for facilities based on demographic projections and manage full utilization of existing facilities	Parks and Rec & Planning	✓		
P	Manage development and maintenance of existing facilities	Parks and Rec	✓		
P	Explore creating new facilities on the former middle school site which may include new soccer, baseball, softball, or football fields	Parks and Rec			✓
P	Support the use of available property in the County for recreation uses when the property can be converted safely and relatively inexpensively	Parks and Rec	✓		
A	Formalize maintenance agreements with the School Board to improve upkeep and expand existing school sites to meet recreational needs	Parks and Rec & Schools			✓
P	Continue to review County policies and regulations and revise ordinances as needed to require the dedication of adequate open space, park, and recreation areas	Parks and Rec	✓		
P	Encourage developers to include open space, walking trails, bridle trails, tot lots, or other amenities with development applications	Parks and Rec	✓		
P	Continue to support private sector, non-profit, or other entities attempting to create or expand recreational opportunities in the County and continue to partner with these agencies to provide facilities if needed	Parks and Rec	✓		

\*P – Policy, A – Action Item

## PUBLIC SCHOOLS

Schools play an important role in the county’s high quality of life. An excellent school system is an asset which attracts businesses and economic development in the County. Residential development is a primary factor contributing to the growth of public school system’s enrollment; therefore, it is important for a coordinated planning effort between the County and the School Board to ensure adequately sized facilities are provided for future generations.

Enrollment fluctuations, evolving program offerings, aging school facilities, geographic location, and changing population demographics are among the many factors which influence education facility needs.

The County has experienced a slight increase in enrollment in recent years across all grade levels, with the most growth coming over the past few years at Randolph Elementary School. Improvements to and expansion of elementary school facilities are expected over the time horizon of this plan and should be addressed in the Capital Improvement Program.

Goochland County has over 2,400 students that attend three elementary schools, one middle school, one high school, one specialty center, two governor’s schools, and an alternative school.

School	Grade Levels	Enrollment	Capacity
Byrd Elementary	K-5	312	399
Goochland Elementary	PreK-5	321	440
Randolph Elementary	K-5	440	536
Goochland Middle School	6-8	572	690
Goochland High School	9-12	754	1,018
Goochland Tech	PreK and CTE	NA	
Maggie L. Walker Governor’s School		23	
Blue Ridge Virtual Governor’s School		58	

In 2013, Goochland County School Board adopted a Strategic Plan for the 2014-2020 timeframe. The Plan provides a vision, a new mission, a set of five core values, and a set of three strategic goals. This plan provides a future direction for the schools, how that will be implemented, and also provides mechanisms for regular monitoring.

The Goochland County Public School Division offers a variety of programs and services designed to prepare students for quality citizenship and learning in the 21st century. These programs cover specific offerings with regard to Special Education, Gifted & Talented and Enrichment, Alternative Education, Career and Technical Education, Pre-Kindergarten Programs, Governor's School opportunities at both the Maggie Walker Governor's School in Richmond and through the Blue Ridge Virtual Governor's

School. There are multiple opportunities for dual enrollment through J. Sargeant Reynolds Community College and advanced placement courses. All Goochland County Public Schools provide special education, enrichment and gifted services. Below are highlights regarding the Goochland County Schools:

- Student to teacher ratio (Elementary 15:1, Secondary 22:1)
  - Progressive leadership in innovation with instructional technology - local, state, and national recognition
  - Use of mobile, desktop, and laptop computing devices with high-speed wireless throughout the Division
  - Promethean ActivBoards at Middle/High School and Select Elementary Classrooms
  - Excellent Technology ratio (1 device for every 2 students)
  - Innovative G21™ Project Based Learning Model for developing workplace readiness skills across all grade levels
  - Enrichment opportunities including STEM Camp, Children's Engineering, Robotics, Young Explorers, Destination Imagination, and Artist-in-Residence program
  - Byrd Elementary recognized as Distinguished Title I School
  - In 2013, Goochland was chosen as a launching pad for new statewide initiatives in education by Governor McDonnell
  - Goochland Instructional Support Team used at elementary level to enhance impact of instruction
- Strategic Planning Initiative built upon Values-Based Leadership in conjunction with Luck Companies, a Goochland-based company with international recognition for helping organizations reach their full potential
  - Expanding fine arts (dance, music, drama, visual arts), career and technical education programs
  - Focus on high quality advanced academic programs with high rigor
  - Supported Athletics programs, including state champion football and baseball teams
  - 1 of 22 School Divisions (in 2014-2015) to have all schools Fully Accredited
  - Government Finance Officer's Distinguished Budget Award

School expansion projects present opportunities to provide additional public/community uses. The use of school facilities for community meetings and recreation activities has been routinely approved by the School Board, and the joint use of school facilities helps to achieve the maximum benefits from public investments.

In addition to the County's public school system, the Goochland Campus of J. Sargeant Reynolds Community College is located in the Goochland Courthouse Village. This campus should continue to be recognized as an integral part of the Goochland Courthouse Village community in future planning efforts.

## PUBLIC SCHOOLS IMPLEMENTATION STRATEGIES

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	Ensure the 2035 Plan complements and supports planning efforts undertaken by Public Schools	Schools and Planning	✓		
P	Proactively determine when new school facilities and equipment are needed	Schools	✓		
P	Acquire additional school sites well in advance of need to ensure relatively low land costs and ample, uncrowded facilities	Schools	✓		
P	If enrollment dictates, construct new educational facilities in central locations to ease burdens on parents, encourage attendance from all parts of the area served, and reduce energy costs associated with transporting students	Schools	✓		
P	Make school facilities available for recreation, group meetings, and other community activities not related to public education	Schools	✓		
P	Locate schools adjacent to parks when possible to encourage the maximum use of both facilities	Schools	✓		
P	Continue to support Reynolds Community College – Goochland Campus programs and expansion of facilities in the County	Schools	✓		

\*P – Policy, A – Action Item

## SOLID WASTE MANAGEMENT

Goochland County closed a landfill in 1993 and opened a transfer station at the former landfill site that now serves as the Central Convenience Center. In 2006, the County opened a second convenience center that serves the western portion of the County. The public brings solid waste to the convenience centers where it is compacted and transported to private landfills in Amelia and Goochland Counties. As a member of the Central Virginia Waste Management Authority, Goochland County utilizes numerous service agreements negotiated with local vendors to provide refuse processing and recycling services in an efficient and cost effective manner.

Some of these services include: Curbside Recycling (certain eastern portions of the County only), Drop-Off Recycling at both convenience centers which includes: all types of metals, glass, plastics (#1 and #2 only), paper and paper products, batteries, appliances, propane tanks, brush and tree debris, and tires. Other items collected include household

hazardous waste items such as: oil, oil filters, antifreeze, paints, and gasoline.

Goochland County Convenience Center Locations:

*Central Convenience Center*  
*1908 Hidden Rock Lane*

*Western Convenience Center*  
*3455 Hadensville-Fife Road*

The Goochland County Landfill Post Closure Plan outlines the monitoring plan for the old landfill site, which includes biannual sampling of groundwater wells and quarterly sampling of methane gas probes. Groundwater monitoring helps the County detect the potential for contamination migrating offsite. Methane monitoring is important as well, since the old landfill site is used as a recreation site by the County. The County received a grant to convert the old landfill property into a recreational park (Hidden Rock Park) that includes softball fields, soccer fields, and a restroom/concession building.

## SOLID WASTE IMPLEMENTATION STRATEGIES

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	Explore possibilities of a new site for a recycling center in the east end of the County	Convenience Center and Administration			✓
P	Expand convenience center services as necessary	Convenience Center and Administration	✓		

\*P – Policy, A – Action Item

## TECHNOLOGY

The impact and need for technology is increasing every day along with citizen and business expectations for service and doing business with the County. Technology is utilized by the County emergency communications, all public safety personnel, schools to educate children, all County departments, and used daily in most residences and businesses.

The County currently recognizes an imbalance in the availability of broadband communication technologies (cell phone, WiFi/WiMax, wireless internet, fiber optic cable, etc.) in the County. The eastern portions of the County, areas along the interstate, and areas near the Goochland Courthouse tend to have availability; however, more rural areas in central, western, and southwestern portions of the County tend to have limited options. Encouraging economic development and improving educational opportunities for the children of the County, will entail the County continuing to pursue the growth of high speed internet services and providers. Finding affordable options are necessary.

The Board of Supervisors created a “*Goochland High Speed Internet Committee*” to review and provide recommendations on this topic. Their final report indicated that high speed internet is essential in determining whether our County remains vital and

prosperous. The report stated, “*Broadband has become the foundation of the American economy and the platform required for innovation and opportunity. It is a tool every child needs if they are to learn and compete in the global economy. Access to affordable broadband infrastructure is required to ensure that businesses, large and small, are created in Goochland, move here and choose to stay here.*”

There will be a need for more wireless communication facilities over the next 20 years to serve existing wireless service providers and emerging technologies, some known and some unknown. It is anticipated that new towers will be required to ensure a cohesive telecommunications infrastructure. Although some see towers as an undesirable visual element, they are essential in the development of a viable wireless network.

Construction of new towers will generally be private sector driven but does require approval by the Planning Commission and Board of Supervisors. Assessment of future sites for facilities and structures must include an evaluation of the impact on surrounding land uses and the desire to enhance the telecommunications infrastructure throughout the County. Site evaluation should include an assessment of the safety, aesthetics, security, access, and technological needs for the area in close proximity to the facility or structure and the County as a whole.

It is preferable to have fewer towers even if that means they have to be taller. Wireless providers are encouraged to co-locate on existing towers or use existing structures when available (water tanks, etc ;). If these options are not available, new tower construction may be considered. At times it is difficult to find suitable locations that meet both the expectations of the wireless industry and the aesthetic goals of the community. While industrial and commercial areas may be more suitable for towers, with this 2035 Plan, almost 85% of the County is designated Rural Enhancement Areas. To adequately serve the entire County, towers will need to be located in rural areas. That said, reasonable efforts should be made to minimize visibility.



## TECHNOLOGY IMPLEMENTATION STRATEGIES

Type*	Implementation Strategies	Responsible Department	On-Going	Short Term	Mid Term
P	Provide optimal public safety communication	Sheriff, Fire, IT	✓		
P	Allow construction of communication facilities in all land use designations	Planning	✓		
P	When available, encourage collocation on existing facilities	Planning, Administration	✓		
A	Implement recommendations of the “ <i>Gochland High Speed Internet Committee</i> ”	IT, Administration			✓
P	As road repaving, widening, or new construction projects are underway, installation of conduit for fiber optic or other communications cabling should be incorporated if funding allows	Planning, IT, Administration	✓		
A	Explore grant opportunities for funding expansion of high-speed internet	Planning, IT, Administration			✓
A	Explore completing an update to the Technology Plan	Administration			✓

\*P – Policy, A – Action Item