

6.2.b Control the number of access points and require frontage roads

6.3 Develop adequate sight distance requirements for ingress and egress points off of all roadways

**Objective 7: Preserve and maintain the county airport**

7.1 Develop long range plans to provide expanded capacity for casual and business air usage

7.2 Examine the feasibility of developing a light industrial/business site on the south side of the airport to provide an opportunity to attract appropriate business to the county

**Telecommunications**

It is safe to say that during the life of this plan, information technology services will be extended to every section of Carroll County where rapid information of its dissemination is required and can be supported. Critical also is the expansion of broadcast and televised services to all communities, including rural areas dependent on information during periods of emergency. It is incumbent on emergency service and management providers to be able to communicate to and within each part of the county.

Technology is a marketable commodity. The rapidity of correct decision making requires advanced systems and a labor force trained in its use and maintenance. Access is critical to financial institutions advanced manufacturing production sites, health facilities, central knowledge facilities such as libraries and high schools. Given the comparatively low costs of some modern technologies, the competitive advantage of Carroll County can be improved measurably by exploring access to at least those areas capable of immediate benefit. In many more isolated communities in Ohio wireless technologies are being pursued.

**Existing Conditions and Trends**

As of the writing of this plan, only one community in Carroll County has access to high speed internet. The Village of Malvern is serviced by Time Warner and residents can subscribe to Roadrunner, Time Warner's high speed cable internet access. The monthly service for Roadrunner is usually more than double the cost of dial-up internet service, but the improvement in access, quality of data transmission and speed is substantial.

Adelphia also serves Carroll County, and has plans to expand high speed internet service in various locations throughout the county. Under their two phase plan, and in accordance with their commitment to provide small system upgrades for smaller communities within their service area, they anticipate expanding broadband service into Carrollton, Malvern and Minerva by June of 2004. This upgrade will provide access to high speed internet service through Powerlink for customers in these areas. As a result, Malvern will be unique in that residents will have access to two cable service providers and two high speed internet options. In the second phase of their plan, Adelphia anticipates upgrading the Leesville-Bowerston area and tying them into this high speed internet system by December of 2004.

In the recently conducted Business Retention and Expansion Program, employers throughout the county complained about the lack of access to high speed internet access. This situation has hampered their ability to communicate effectively with customers, other plant locations, and suppliers. It has also made any data transmission a challenge. The availability of high speed internet access will help these businesses improve their ability to compete on a more level playing field with their competition and will help to position Carroll County more effectively as a good location to do business.

**Goal 1: Carroll County residents and businesses have access to state-of-the-art telecommunications infrastructure**

**Objective 1: Promote the development of high-speed lines for home and business use comparable to other developing communities**

- 1.1 Determine the feasibility of options to provide high speed internet access, such as DSL, cable, T1, OC 3 lines and Satellite
- 1.2 Form relationships or partnerships with high speed internet providers to encourage and facilitate their provision of services in Carroll County
- 1.3 Consider the feasibility of obtaining grant funds through organizations such as the Appalachian Regional Commission to set up private/public partnerships to introduce and expand broadband service throughout Carroll County
- 1.4 Work with existing employers to help develop plans to improve their internet access

**Goal 2: Carroll County residents and business operators are knowledgeable about how to use the internet and are able to access the potential it has to offer to improve their competitiveness and quality of life**

**Objective 1: Carroll County residents and business employees have the skills needed to use the internet effectively**

- 1.1 Identify local educational institutions and other entities who are able to offer computer and internet courses to the public and work with them to develop and market these classes
- 1.2 Identify local educational institutions and other entities who are able to offer computer and internet courses to local businesses and collaborate with them to provide these courses targeted to local businesses needs
- 1.3 Inventory and then market the availability to the public of local computer facilities, such as those available through the library system, and encourage local residents to use these facilities
- 1.4 Explore the possibility of introducing an "Internet Master" Computer Assistance Program following the model of that initiated through the University of Minnesota Extension Program

### **Power**

Carroll County is serviced by three electric service providers; American Electric Power, Ohio Edison and the Carroll Electric Cooperative, Inc. a member owned Buckeye Power affiliate.

Please see the Economic Development Section for more detailed information on electric service providers in Carroll County, their facilities, service locations and capacities.

Please see the Economic Development Section for more detailed information on natural gas service providers in Carroll County.

# Economic Development Comprehensive Plan

1.6	Where available and appropriate, redevelop brownfield sites for service/business park development	<ol style="list-style-type: none"> <li>a. Identify brownfield sites in county</li> <li>b. Develop a plan to clean up and redevelop these sites</li> </ol>	4. Carroll County Utilities Carroll County Economic Development Office Regional Planning Commission Property Owners Ohio Environmental Protection Agency	Mid Term
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<b>Goal 1</b>			
<b>Objective 2: Create a Port Authority to Implement Development Activities</b>			
#	Strategy	Action	Timeframe
2.1	Create a Carroll County Port Authority	<ol style="list-style-type: none"> <li>a. hold meeting to explore possibilities and to learn operations of a port authority</li> <li>b. write enabling legislation</li> <li>c. enact enabling legislation</li> </ol>	<ol style="list-style-type: none"> <li>1. Carroll County Economic Development Office</li> <li>2. Carroll County Commissioners</li> <li>3. Carroll County Villages</li> <li>4. Carroll County Utilities</li> <li>5. Carroll County Townships</li> <li>6. Educational assistance from Ohio State University Extension, Carroll County Office</li> <li>7. Legal assistance from Carroll County Prosecutors Office</li> </ol>

<b>Goal 1</b>			
<b>Objective 3: Improve High Speed Internet Access and Service in the Community</b>			
#	Strategy	Action	Timeframe
3.1	Improve telecommunication infrastructure and create a technology committee to	<ol style="list-style-type: none"> <li>a. identify areas that lack sufficient telecommunication infrastructure from BR&amp;E study</li> </ol>	<ol style="list-style-type: none"> <li>1. Carroll County Economic Development Office</li> <li>2. Appropriate local unit of</li> </ol>

# Economic Development Comprehensive Plan

	explore possibilities for growth	<p>b. meet with telecommunication providers to develop improvement strategy</p> <p>c. work with Appalachian Regional Commission for funding</p> <p>d. Create public systems to build customer base to attract more private investment</p>	government by political jurisdiction
3.2	Provide access for home-based businesses and improved workforce	<p>a. identify underserved residents</p> <p>b. provide training classes for underserved populations</p> <p>c. access public funds to provide hardware</p> <p>d. work with telecommunication providers to implement a plan for infrastructure improvements in high impact areas</p>	<p>1. Community Action Agency</p> <p>2. Community College and adult joint vocational school district</p> <p>3. Chamber of Commerce</p> <p>4. Appropriate local unit of government by political jurisdiction</p>

## Goal 1

### Objective 4: Explore the Potential of Developing a Value-Added Development Emphasis

#	Strategy	Action	Responsibility	Timeframe
4.1	Connect product lines to area industries	<p>a. identify linkages of products through BR&amp;E information</p> <p>b. visit potential firms for expansion of product line or location in industrial parks</p> <p>c. create incentive packages for value added industries, particularly ag based</p>	<p>1. Carroll County Economic Development Office</p> <p>2. Carroll County Farm Producer Organizations</p> <p>3. Governor's Office of Economic Development</p> <p>4. Ohio Office of Appalachia</p>	<p>Short Term</p> <p>Ongoing</p>

## Goal 1

### Objective 5: Concentrate Retail/Service Development

#	Strategy	Action	Responsibility	Timeframe
5.1	Concentrate retail and service development along selected corridors	<p>a. identify available sites along designated corridors</p> <p>b. develop plan for utility improvements</p> <p>c. develop plan for number of curb cuts</p> <p>d. develop funding plan for utility improvements</p> <p>e. construct improvements</p>	<p>1. Carroll County Economic Development Office</p> <p>2. Carroll County Commissioners</p> <p>3. Carroll County Villages</p> <p>4. Carroll County Townships</p> <p>5. Chambers of Commerce</p>	<p>Item a: Short Term</p> <p>Items b-c: Mid Term</p> <p>Items d-e: Long Term</p>

# Infrastructure Comprehensive Plan

7.2	Examine the feasibility of developing a light industrial/business site on the south side of the airport to provide an opportunity to attract appropriate business to the county	<ul style="list-style-type: none"> <li>a. Conduct a feasibility analysis for the development of an industrial/business park on the airport site</li> <li>b. Prepare a marketing plan to promote the site</li> </ul>	Carroll County Airport Authority  Carroll County Economic Development Office	Mid Term
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<b>Telecommunications</b>				
<b>Goal 1: Carroll County residents and businesses have access to state-of-the-art telecommunications infrastructure</b>				
<b>Objective 1: Promote the development of high-speed lines for home and business use comparable to other developing communities</b>				
#	Strategy	Action	Responsibility	Timeframe
1.1	Determine the feasibility of options to provide high speed internet access, such as DSL, cable, T1, OC 3 lines and Satellite	<ul style="list-style-type: none"> <li>a. Identify and survey existing providers and determine their plans to provide high speed internet</li> <li>b. Examine the possible options and determine the feasibility of each option for providing high speed service</li> <li>c. Identify possible resources for supporting high speed internet development</li> </ul>	<ul style="list-style-type: none"> <li>County Commissioners</li> <li>Regional Planning Commission</li> <li>Service Providers</li> </ul>	Mid Term
1.2	Form relationships or partnerships with high speed internet providers to encourage and facilitate their provision of services in Carroll County	<ul style="list-style-type: none"> <li>a. Encourage relationships with providers to see what role the county can play in facilitating the expansion of services to unserved areas of the county</li> <li>b. Help them to identify resources that might help in this expansion of services</li> </ul>	<ul style="list-style-type: none"> <li>County Commissioners</li> <li>Regional Planning Commission</li> <li>Service Providers</li> </ul>	Short Term
1.3	Consider the feasibility of obtaining grant funds through organizations such as the Appalachian Regional Commission to set up private/public partnerships to introduce and expand broadband service throughout Carroll County	<ul style="list-style-type: none"> <li>a. Research the potential for applying for and receiving grant funds for broadband service in the county</li> <li>b. Apply for funding</li> </ul>	<ul style="list-style-type: none"> <li>Carroll County Economic Development Office</li> <li>Governor's Office of Appalachia</li> </ul>	Mid Term
1.4	Work with existing employers to help develop plans to improve their internet access	<ul style="list-style-type: none"> <li>a. Survey existing industry and business in the county to determine their needs</li> <li>b. Identify resources that may help them to access improved services</li> </ul>	<ul style="list-style-type: none"> <li>Carroll County Economic Development Office</li> </ul>	Short Term

# Infrastructure Comprehensive Plan

	c. Assist them in applying for and securing these resources
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<b>Goal 2: Carroll County residents and business operators are knowledgeable about how to use the internet and are able to access the potential it has to offer to improve their competitiveness and quality of life</b>			
<b>Objective 1: Carroll County residents and business employees have the skills needed to use the internet effectively</b>			
#	Strategy	Action	Responsibility
1.1	Identify local educational institutions and other entities who are able to offer computer and internet courses to the public and work with them to develop and market these classes	<ul style="list-style-type: none"> <li>a. Survey Carroll County residents to ascertain the types of classes needed</li> <li>b. Develop curriculum and market it to the public</li> <li>c. Hold and evaluate the effectiveness of classes</li> </ul>	Buckeye Career Center Stark State Local School Districts Carroll County Library System
1.2	Identify local educational institutions and other entities who are able to offer computer and internet courses to local businesses and collaborate with them to provide these courses targeted to local businesses needs	<ul style="list-style-type: none"> <li>a. Survey local businesses to determine their computer training needs</li> <li>b. Collaborate with appropriate educational and workforce training agencies to implement this training</li> </ul>	Buckeye Career Center Carroll County Economic Development Office
1.3	Inventory and then market the availability to the public of local computer facilities, such as those available through the library system, and encourage local residents to use these facilities	<ul style="list-style-type: none"> <li>a. Survey local service providers to determine the facilities and services available for the public</li> <li>b. Market the availability of these resources to local residents</li> <li>c. Explore the potential of opening local public school computer labs to the public on non-school hours</li> </ul>	Local School Districts Carroll County Library System
1.4	Explore the possibility of introducing an "Internet Master" Computer Assistance Program following the model of that initiated through the University of Minnesota Extension Program	<ul style="list-style-type: none"> <li>a. Research the Internet Master Program and find out how to implement it in Carroll County</li> <li>b. Locate volunteers and resource support for this program</li> <li>c. Implement this program</li> </ul>	Ohio State University Extension Long Term

**Infrastructure  
Comprehensive Plan**

	availability to the public of local computer facilities, such as those available through the library system, and encourage local residents to use these facilities	the facilities and services available for the public b. Market the availability of these resources to local residents c. Explore the potential of opening local public school computer labs to the public on non-school hours	Carroll County Library System	
1.4	Explore the possibility of introducing an "Internet Master" Computer Assistance Program following the model of that initiated through the University of Minnesota Extension Program	a. Research the Internet Master Program and find out how to implement it in Carroll County b. Locate volunteers and resource support for this program c. Implement this program	Ohio State University Extension	Long Term

**Goal 3: Carroll County residents have access to quality cellular phone service throughout the county**

<b>Objective 1: Carroll County residents have quality cellular service through a variety of provider options</b>				
#	Strategy	Action	Responsibility	Timeframe
1.1	Identify existing cellular phone providers in the county and determine the current locations and quality of service	a. Contact service providers b. Identify existing and planned services c. Identify gaps in service	Technology Committee	Short Term
1.2	Survey residents and businesses to determine their cellular phone needs	a. Conduct a survey of residents and businesses b. Share results with all phone service providers	Technology Committee Service Providers	Mid Term
1.3	Enter into discussions with cellular phone service providers to plan for the introduction and/or expansion of service to Carroll County	a. Convene an Ad Hoc Committee b. Develop a plan to address gaps in service	Technology Committee Service Providers	Mid Term