

TRI-COUNTY COUNCIL FOR WESTERN MARYLAND, INC.



**APPALACHIAN REGIONAL COMMISSION
and
ECONOMIC DEVELOPMENT ADMINISTRATION**

FY-2011

PROJECT PACKAGE

JUNE 2010

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**ARC/EDA
PRIORITY LIST FY 2011**

AREA DEVELOPMENT PROJECTS

	PROJECT NAME	CO	ARC	Other Federal	Local	Private	TOTAL
NR	<u>Consolidated Technical Assistance Program (CTA)</u>	Multi	\$200,000	\$0	\$200,000	\$0	\$400,000
1	<u>Aviation Maintenance Program</u>	Washington	\$275,000	\$0	\$0	\$300,000	\$575,000
2	<u>Westernport Water Line</u>	Allegany	\$300,000	\$0	\$2,400,000	\$0	\$2,700,000
3	<u>Meadow Mt. Trail Construction</u>	Garrett	\$201,926	\$0	\$370,646	\$12,500	\$585,072
4	<u>HCC Instrumentation Program</u>	Washington	\$73,000	\$0	\$73,000	\$0	\$146,000
5	<u>Cresaptown Water, Phase II</u>	Allegany	\$100,000	\$0	\$100,000	\$0	\$200,000
6	<u>Northern Garrett Industrial Park Expansion</u>	Garrett	\$250,000	\$0	\$250,000	\$0	\$500,000
7	<u>Williamsport Pump Station</u>	Washington	\$325,000	\$0	\$1,175,000	\$0	\$1,500,000
8	<u>AC Computer Replacements</u>	Allegany	\$30,000	\$0	\$30,000	\$0	\$60,000
9	<u>GC Networking Program</u>	Garrett	\$87,150	\$0	\$100,250	\$0	\$187,400
10	<u>Williamsport Tourism</u>	Washington	\$19,500	\$0	\$19,500	\$0	\$39,000
11	<u>Analysis of Marcellus Shale</u>	Allegany	\$30,000	\$0	\$30,000	\$0	\$60,000
12	<u>Hagerstown Waste Water</u>	Washington	\$500,000	\$1,422,563	\$1,627,437	\$0	\$3,550,000

	PROJECT NAME		ARC	Other Federal	Local	Private	TOTAL
13	Smart Boards	Allegany	\$82,674	\$0	\$82,674	\$0	\$165,348
14	B & O Museum	Garrett	\$200,000	\$0	\$200,000	\$0	\$400,000
15	FSU Nanotechnology	Allegany	\$59,000	\$0	\$59,000	\$0	\$118,000
16	Student Trades Foundation	Washington	\$89,500	\$0	\$89,500	\$0	\$179,000
17	Liberty Mews	Garrett	\$250,000	\$2,086,990	\$8,243,153	\$0	\$10,580,143
18	Hagerstown Building Reuse	Washington	\$250,000	\$0	\$0	\$250,000	\$500,000
19	Elementary School Labtops	Allegany	\$22,152	\$0	\$22,152	\$0	\$44,304
20	Hagerstown RLF	Washington	\$250,000	\$0	\$250,000	\$0	\$500,000
21	AC Smart Classrooms	Allegany	\$54,000	\$0	\$54,000	\$0	\$108,000
22	WMD STEM Project	Allegany	\$50,000	\$0	\$50,000	\$0	\$100,000
23	Williamsport RLF	Washington	\$50,000	\$0	\$50,000	\$0	\$100,000
24	Community Athletic and Recreation Rehab Center	Garrett	\$294,000	\$0	\$294,000	\$80,000	\$668,000
25	FSU Video Production Upgrade	Allegany	\$25,000	\$0	\$25,000	\$0	\$50,000
26	Hagerstown Parking Plan	Washington	\$30,000	\$0	\$0	\$30,000	\$60,000
27	Williamsport Rehab Program	Washington	\$100,000	\$0	\$100,000	\$200,000	\$400,000

	PROJECT NAME		ARC	Other Federal	Local	Private	TOTAL
28	Student Response Systems	Allegany	\$10,400	\$0	\$10,400	\$0	\$20,800
29	FSU Research Lab	Allegany	\$45,000	\$0	\$45,000	\$0	\$90,000
30	AC Theater Classroom	Allegany	\$40,000	\$0	\$40,000	\$0	\$80,000
31	Pythian Castle Acquisition	Washington	\$60,000	\$0	\$60,000	\$0	\$120,000
32	Airport Property Improvements	Washington	\$200,000	\$0	\$200,000	\$0	\$400,000
	<u>Total</u>		\$4,553,302	\$3,509,553	\$16,250,712	\$872,500	\$25,186,067

AHDS TEA 21 Projects

	PROJECT NAME	CO	ARC	Other Federal	Local	Private	TOTAL
1	Shawley Drive	Washington	\$600,000	\$0	\$1,681,400	\$219,000	\$2,500,400
2	Braddock Road, Phase II	Allegany	\$400,000	\$0	\$100,000	\$0	\$500,000
3	Extension of Professional Court	Washington	\$600,000	\$785,000	\$500,000	\$0	\$1,885,000
	<u>Total</u>		\$1,600,000	\$785,000	\$2,281,400	\$219,000	\$4,885,400

**PRELIMINARY
PROJECT
DESCRIPTIONS**

Preliminary Project Description

Project Name: Consolidated Technical Assistance (CTA) Program
Applicant: Maryland Department of Planning
County(s): Allegany, Garrett and Washington Counties
Contact: Bill Atkinson, MDP **Phone:** 301 777-2161

Project Description:

Projects developed and submitted under the Consolidated Technical Assistance Program have a specific purpose: Job creation and growth; pilot or model initiatives with state-wide and regional applicability or replicability focusing on economic development and growth management; development of new industrial sectors, including that of tourism and hospitality; the beneficial allocation of public and private resources for infrastructure; the conservation of environmental resources and protection of sensitive areas as identified in the Maryland Economic Growth, Resource Protection and Planning Act of 1992; and the Smart Growth initiatives and policies of the State of Maryland and incorporated in the Appalachian Maryland State Implementing Strategy and Investment Program.

Goal:

- #1 – Increase Job Opportunities and Per Capita Income in Appalachia to Reach Parity with the Nation
- #2 – Strengthen the Capacity of the People of Appalachia to Compete in the Global Economy
- #3 – Develop and Improve Appalachia’s Infrastructure to Make the Region Economically Competitive

Objective: The Consolidated Technical Assistance Program represents a portfolio of projects. The ARC/CTA Program is also identified in the State Implementing Strategy and Investment Program. Each CTA Project must have a direct relationship to ARC and the State of Maryland policies, goals, objectives and strategies as defined and envisioned in the above referenced document.

Strategy: State Strategy 1.4.1: Develop and maintain economic development plans

Proposed Basic Agency: State and Local

Proposed Funding Sources:

ARC:	\$200,000
Local:	<u>\$200,000</u>
TOTAL:	\$400,000

Preliminary Project Description

Project Name: Aviation Maintenance Program
Applicant: Pittsburgh Institute of Aeronautics
County(s): Washington County, Maryland
Contact: James Mader **Phone:** 412-346-2103

Project Description:

The Hagerstown Regional Airport is seeking out a qualified training provider to establish a Federal Aviation Administration (FAA) approved Aviation Maintenance Technician School (AMTS) on or adjacent to the Hagerstown Regional Airport (HGR). The workforce needs of HGR tenants, such as Sierra Nevada Corporation, Northrop Grumman Corporation, AgustaWestland North America, Inc., and a number of smaller aviation maintenance organizations, are not being met. Acquisition of FAA certificated Airframe & Powerplant (A&P) Technicians is highly problematic in the current economy, therefore, the trained human resources required to meet organizational needs and growth, are not available. The goal is to establish an AMTS to provide present and future skilled manpower needs for the aforementioned businesses and the surrounding communities.

HGR has contacted a number of existing AMTSs around the country to establish which would best suit the needs of Hagerstown, Washington County, and the surrounding communities. It was determined that Pittsburgh Institute of Aeronautics (PIA), a non-profit 501(c)(3) organization, due to its proximity, its extensive experience in developing new aviation maintenance training programs, and its lofty reputation throughout the aerospace industry, could provide the best opportunity for a successful endeavor.

PIA's goal is to begin classes in January 2011. A starting group of 25 students will serve as the initial class. Additional groups of 25-50 students can then begin training every four months. Each class will complete the process after 16 continuous months of classes and labs, resulting in graduates being qualified to test for the FAA's bank of A&P examinations. If successful, the AMTS will provide trained and qualified technicians for the immediate and future needs of Western Maryland's aerospace companies. A secondary goal is to attract additional aerospace industries. By building a pool of local skilled workers, there is a strong incentive for these companies to establish branches at the Hagerstown Regional Airport, and bring with them well-paying aviation maintenance jobs.

Funds sought by PIA will be used for program start-up costs, including training equipment, computer and software purchases, and renovations to the building. Such renovations as build-out for classrooms and installation of a hangar door are necessary to make the existing facility conducive to the type of training provided.

Goal # 1: Increase job opportunities and per capita income in Appalachia to reach parity with the nation.

Objective 1.2: Stimulate growth of the region's businesses through development of technology resources.

Strategy 1.2.1: Develop educational programs that support new technology development in the region.

Proposed Basic Agency: N/A

Proposed Basic Agency (Construction Projects Only): Rural Development

Proposed Funding Sources: Pittsburgh Institute of Aeronautics: \$300,000
ARC: \$275,000

Preliminary Project Description

Project Name: Westernport Waterline

Applicant: Town of Westernport

County(s): Allegany

Contact: J. Thomas Martin

Phone: 301 359-3932

Project Description:

Currently NewPage Mill, located in Luke, Allegany County, Maryland, receives its drinking water from the Potomac River (North Branch). The drinking water is distributed on the mill site and also serves the Town of Luke. NewPage Mill has requested potable water service from the Town of Westernport so that they can discontinue treating water to drinking water standards. Over 95 percent of water treated by NewPage Mill is for industrial process use and does not need to meet state and federal drinking water quality regulations and standards. The project includes construction of the following facilities (refer to Exhibit A - Site Map):

- 12,000 linear feet of 10-inch waterline from the Westernport Water Treatment Plant to the Town of Luke (and NewPage Mill);
- 500,000 gallon ground storage reservoir; and
- 350 gallons per minute pump station.

An option available to NewPage is to construct a smaller packaged water treatment plant; however, they would still have to treat water to meet water quality regulations. Also, the Town of Westernport has been identified as a regional provider of drinking and adding NewPage Mill and the Town of Luke would benefit all citizens in the area. The Town of Westernport receives its water supply from the Savage River which is a source of high quality raw water.

ARC Goal 3: Develop and improve Appalachia’s infrastructure to make the region economically competitive

State Objective 3.1: Stimulate smart growth and neighborhood conservation by encouraging the development of the central business districts of the region’s municipalities and support projects which will enhance the long-term development of the CBD areas.

State Strategy 3.1.3: Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

Proposed Basic Agency: USDA

Proposed Funding Sources:

USDA - RD	\$ 950,000
CDBG	\$ 850,000
ARC	\$ 300,000
Local (Town) Share	\$ <u>600,000</u>
Total	\$2,700,000

Preliminary Project Description

Project Name: Meadow Mountain Trail Construction
Applicant: Garrett Trails
County(s): Garrett
Contact: Peggy Jamison **Phone:** 301 334-9431 x104

Project Description: The extension of the Meadow Mountain Trail is a critical part of the Garrett County Master Recreational Trail Plan which was adopted by the County Commissioners and is referenced in the Garrett County Comprehensive Plan. We have prioritized trails in the Master Plan which create a 150 mile path, the Great Garrett Loop, which connects the heart of Garrett County including Deep Creek Lake State Park, Wisp, ASCI, and Oakland to the Great Allegheny Passage in PA.

Completing Meadow Mountain Trail is a priority for the creation of the Great Garrett Loop. Based on recent economic impact studies of the GAP, we anticipate the Great Garrett Loop resulting in \$50 million in direct spending annually from users of the trail. Further the studies of the GAP and Trail Towns Programs demonstrate the substantial impact that destination trails can have on local businesses and employment.

This proposal is for Phase 1 of the Meadow Mountain Trail Extension which includes:

1. improvement of section of Meadow Mountain Trail that runs from Frank Brenneman Road to its current termination where an old fire tower once stood (along Eastern Continental Divide);
2. construction of an overlook area with benches and signage about the continental divide along which portions of this trail run; and
3. new construction of a trail from the old fire tower south to Route 495 (the trail will exit near the entrance to the University of Maryland 4 H Center public access area).

The existing Meadow Mountain Trail starts at Chestnut Ridge Road, near Grantsville and I-68. This extension will allow people to bike among a variety of natural, historic, and scenic landmarks and connects the 4H Center to New Germany State Park to Asa Durst historic area to Grantsville. In Phase 2, the trail will continue to Deep Creek Lake State Park.

ARC GOAL 4: Build the Appalachian Development Highway System to Reduce Appalachia's Isolation

State Objective 4.1: Develop a balanced transportation system, which is supportive of economic growth and investment potential in the region.

State Strategy 4.1.5: Improve or provide access to recreational, health, or educational facilities.

Proposed Basic Agency: TVA

Proposed Funding Sources:

ARC	\$201,926
Garrett County	\$ 70,860
Garrett Trails	\$ 12,500
TEP	<u>\$299,786</u>
TOTAL:	\$585,072

Preliminary Project Description

Project Name: HCC Instrumentation Program

Applicant: Hagerstown Community College

County(s): Washington

Contact: Dr. Guy Altieri

Phone: (301) 790-2800 Ext. 233

Project Description:

Hagerstown Community College is developing a system of courses and career pathways to support the need for skilled workers in instrumentation and control technology. Due to their nature, these jobs cannot be outsourced and therefore represent an essential workforce need that will only increase over time; in addition, the need for technical skills in this area is increasing. Instruments and process control systems are used in many industries to measure and control variables such as pressure, flow, temperature, level, motion, force, and chemical composition (biotechnology). In commercial and public spaces, workers need to monitor and maintain building management systems and energy management systems. In hospitals, equipment such as oxygen generators and specialized electrical systems require workers trained in instrumentation and process controls; in factories, instruments gauge delicate parts and monitor overall processes; in biotechnology labs, instruments and digital controls are used for tests and analyses of chemical composition. Supervisory Control and Data Acquisition (SCADA) systems are commonly used to automate and control industrial processes. Modern SCADA protocols leverage TCP/IP to transport sensor data and control signals. Also, corporate IT infrastructures now interconnect with previously isolated SCADA networks, raising serious security issues. Finally, process controls and instruments are also used to monitor and manage HVAC systems—everything from monitoring outdoor and indoor temperature to air flow and coil temperatures.

The goal of this project is to develop and implement multiple pathways in instrumentation and process controls (e.g., letter of recognition, certificate, and associate degree). The accomplishment of this goal requires creation of a laboratory for hands-on student study and experimentation with process controls and instruments, scheduled to be included in HCC's new STEM building to be completed in 2011. ARC funding will contribute to HCC's ability to provide the necessary equipment and materials as new programs are developed and launched for students. Examples include instructional materials and laboratory equipment such as instrumentation classroom trainers, simulation software, and instrumentation software.

ARC Goal 2: Strengthen the Capacity of the People of Appalachia to Compete in the Global Economy

Objective 2.10: The percentage of Appalachian workers receiving advanced skills training will equal or exceed the national average.

Strategy 2.10.2: Development of new educational programs that will lead to the development of the new skills necessary in the 21st century.

Proposed Basic Agency: N/A

Proposed Funding Sources:

ARC:	\$73,000
Local:	\$73,000
Total Project:	\$146,000

Preliminary Project Description

Project Name: Cresaptown Water, Phase II

Applicant: Allegany County Commissioners

County(s): Allegany

Contact: David Nedved

Phone: 301 777-5967

Project Description:

The phase II portion of the Cresaptown Water System Improvements project will include the replacement of 1,350 feet of a 6" water line with an 8" one. The project overall will increase volume, reliability, and fire protection for Cresaptown which is the commercial district that supports the Barton Business Park.

Goal #3: Develop and Improve Appalachia's Infrastructure to Make the Region Economically Competitive

State Objective 3.2: Increase the number of marketable industrial sites within all three counties including the conversion and rehabilitation of vacant industrial facilities.

State Strategy 3.2.1: Provide the basic infrastructure to new industrial sites and rehabilitate vacant industrial facilities.

Proposed Basic Agency: USDA – Rural Development

Proposed Funding Sources:

ARC	\$100,000
USDA	<u>\$100,000</u>
TOTAL	\$200,000

Preliminary Project Description

Project Name: Northern Garrett Industrial Park Expansion

Applicant: Garrett County Commissioners

County(s): Garrett

Contact: Meg Ellis **Phone:** 301 334-1990

Project Description:

Garrett County has a business presently located in Northern Garrett Industrial Park that has an opportunity to expand. However, the County has no sites available within the current business park. The business expansion will create new and well paying jobs in this region. The project will consist of property acquisition, infrastructure and road extensions.

ARC Goal 3: Develop and Improve Appalachia’s Infrastructure to Make the Region Economically Competitive

Objective 3.2: Increase the number of marketable industrial sites within all three counties including the conversion and rehabilitation of vacant industrial facilities

Strategy 3.2.1: Provide the basic infrastructure to new industrial sites and rehabilitate vacant industrial facilities.

Proposed Basic Agency: USDA - RD

Proposed Funding Sources:

Garrett County	\$250,000
ARC	<u>\$250,000</u>
TOTAL	\$500,000

Preliminary Project Description

Project Name: Williamsport Pump Station

Applicant: Town of Williamsport

County(s): Washington

Contact: Michael Sparks **Phone:** 301-223-7711 x.210

Project Description:

The proposed project will address Williamsport's aging and failing sewer infrastructure. The project will rehab and upgrade four pump stations built in the 50's and 60's to address safety issues and low performance. Two of the stations utilize ejector technology, incompatible with current standards. The project will also address serious safety issues by upgrading emergency power and ventilation. Williamsport is currently seeking U.S.D.A. loans to help offset the costs.

ARC Goal 3: Develop and improve Appalachia's infrastructure to make the region economically competitive

State Objective 3.1: Stimulate smart growth and neighborhood conservation by encouraging the development of the central business districts of the region's municipalities and support projects which will enhance the long-term development of the CBD areas.

State Strategy 3.1.3: Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

Proposed Basic Agency: USDA

Proposed Funding Sources:

Williamsport via USDA loan:	\$ 1,175,000
ARC	\$ <u>325,000</u>
TOTAL Project Costs:	\$ 1,500,000

Preliminary Project Description

Project Name: AC Computer Replacements
Applicant: Allegany College of MD
County(s): Allegany
Contact: David Jones **Phone:** 301 784-5350

Project Description:

A three-year study funded by the Lumina Foundation for Education on behalf of the American Council on Education's Center for Policy Analysis found the following statistics:

- 70% of all existing jobs require some form of post-secondary education, yet more than 40% of the U.S. workforce has never attended college
- Nearly 80% of all new jobs during the next 20 years will require education beyond high school
- Only one in six undergraduates is a "typical" 18 year old who enrolls at a residential campus, stays for four years, and graduates with a baccalaureate degree
- Adult students (25+ years old) are a new majority and many of these students, especially those of low-income face multiple challenges and barriers to success.

Economic development and the revitalization of the Western Maryland region is relying more on state-of-the-art Workforce Training in Technology than ever before. The training made possible by this project would assist in attracting and supporting business in Western Maryland, provide a skilled work force for these companies, and upgrade the skills of current workers in the region. The project will upgrade workforce development and credit computer labs and related equipment to support students as they prepare for the workforce. This will include enhancements to the following areas:

- Forest Technology (Lab of 12 computers and lab server)
- Medical Assistant (Lab of 2 computers)
- Computer Technology (Lab of 21 computers)
- Continuing Education (Lab of 5 computers)
- Medical Technology (Lab of 2 computers)
- Computer Technology/Multimedia (Lab of 21 computers and multimedia equipment)

ARC GOAL #1 – Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

Objective: 1.2 - Stimulate growth of the region's businesses through development of technology resources.

Strategy: State Strategy 1.2.1 - Develop educational programs that support new technology development in the region

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$30,000
ACM	<u>\$30,000</u>
TOTAL	\$60,000

Preliminary Project Description

Project Name: GC Networking Program

Applicant: Garrett College

County(s): Garrett

Contact: Dr. Qing Yuan **Phone:** 301 387-3043
Julie Yoder 301 387-3101

Project Description:

Within its comprehensive “Bridge to College” plan, Garrett College proposes in 2011 to establish a Cisco Networking Academy. The Academy will raise the current level of technology skills in the region through a joint enrollment high school program; an associate degree program; and a non-credit workforce training and professional continuing education program. Cisco Academy courses will lead to industry-recognized certification from entry to specialized levels. Audiences served will include high school students, traditional-age college students and adult students, and the Academy will establish strong ties to regional employers utilizing these skills. This program represents a partnership among the College, Garrett County high schools, and the Garrett County Scholarship Program that provides tuition support for eligible local high school students, high school graduates, and GED earners.

Goal 2: Strengthen the Capacity of the People of Appalachia to Compete in the Global Economy

Objective 2.10: The percentage of Appalachian workers receiving advanced skills training will equal or exceed the national average.

Strategy 2.10.2: Develop new educational programs that will lead to the development of the new skills necessary in the 21st century.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Garrett County	\$ 29,800
Garrett College	\$ 62,600
Garrett County BOE	\$ 30,000
ARC	<u>\$ 87,150</u>
TOTAL	\$187,400

Preliminary Project Description

Project Name: Williamsport Tourism

Applicant: Town of Williamsport

County(s): Washington

Contact: Michael Sparks

Phone: 301 223-7711 x210

Project Description: Based upon a Town Center Revitalization Study, the Town of Williamsport is implementing several of the recommendations as outlined in that study in order to revitalize the Central Business District. One of the key parts of Economic Development in Williamsport is the tourism industry. The project will include the creation of bike lanes from the Historic C&O Canal through town center to Byron Memorial Park. As part of the overall project the Town will be creating a website, installing directional signage, and enhancing the visual appearance along Town Center. In addition, the Town will be printing economic development brochures to spark interest in available buildings and working with the owners to help fill the available space and create new jobs.

ARC Goal 3: Develop and improve Appalachia's infrastructure to make the region economically competitive.

State Objective 3.1: Stimulate smart growth and neighborhood conservation by encouraging the development of the central business districts of the region's municipalities and support projects which will enhance the long-term development of the CBD areas.

State Strategy 3.1.3: Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

Proposed Basic Agency: N/A

Proposed Funding Sources:

ARC:	\$19,500
County	<u>\$19,500</u>
TOTAL:	\$39,000

Preliminary Project Description

Project Name: Analysis of Marcellus Shale
Applicant: Frostburg State University
County(s): Allegany
Contact: Robert Larivee **Phone:** 301 687-4091

Project Description:

: It is well known that western Maryland sits over a self of Marcellus Shale that contains an estimated six billion dollars worth of natural gas. Currently Pennsylvania and West Virginia are using horizontal drilling and water fracturing techniques to recover this natural gas with some success. Unfortunately drilling has not occurred here in western Maryland due to environmental concerns of using water to fracture the shale. Another concern is finding ways to making the gas recovery more economical. This project goal is to determine the feasibility of using liquid carbon dioxide to fracture the shale rather than water. Carbon dioxide can be liquefied under the high pressure required to fracture the shale. Once the shale is fractured the pressure is removed allowing the carbon dioxide to form back into a gas for easy and clean removal. However, an additional benefit of using carbon dioxide for fracturing would be the enhanced the recovery of natural gas. Carbon dioxide affinity to shale is several time higher than natural gas so it would displace the natural gas to enhance the recovery of natural gas. Experimental fracturing using carbon dioxide has been successfully performed in Canada. Another possible benefit, the project would examine the possibility of sequestering carbon dioxide in shale. This possibility would reduce the carbon footprint associated with the burning of natural gas as a source of clean energy. If the recovery of natural gas in shale can be made more affordable and cleaner to recover, the economic future of western Maryland would improve significantly. The determine the feasibility of using carbon dioxide requires finding better estimate of carbon dioxide affinity to shale at the conditions required to maximize natural gas recovery. This grant is requested to obtain the funds necessary to obtain the required equipment and supplies to examine the surface properties of shale. These properties will help identify those parameters required to enhance the recovery of natural gas and sequestering carbon dioxide. This grant will supplement and enhance the work previously done under a previous ARC grant.

ARC GOAL #1 – Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

Objective: 1.2 - Stimulate growth of the region's businesses through development of technology resources.

Strategy: State Strategy 1.2.1 - Develop educational programs that support new technology development in the region

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$30,000
FSU	<u>\$30,000</u>
TOTAL	\$60,000

Preliminary Project Description

Project Name: Hagerstown Waste Water

Applicant: City of Hagerstown

County(s): Washington

Contact: Kathleen Maher

Phone: 301-739-8577 ext. 140

Project Description:

This is a multi-phase project to correct inflow and infiltration (I&I) from entering the City of Hagerstown's Wastewater Collection System. Removal of I&I is a critical aspect of our efforts to improve the capacity of the City's Wastewater Treatment Plant, because expansion efforts are limited by the State of Maryland's wastewater treatment plant National Pollutants Discharge Elimination System (NPDES) Permits. As a result of these I&I correction activities, the City will gain additional capacity at the wastewater plant which in turn will allow us to accommodate new growth and economic development opportunities in our community. In addition, these activities provide environmental benefits to the Chesapeake Bay Watershed and local tributaries by reducing the frequency and volume of wastewater overflows from the City of Hagerstown's Collection System and Wastewater Treatment Plant.

ARC GOAL 3: Develop and Improve Appalachia's Infrastructure to Make the Region Economically Competitive

State Objective 3.2: Increase the number of marketable industrial sites within all three counties including the conversion and rehabilitation of vacant industrial facilities.

State Strategy 3.2.1: Provide the basic infrastructure to new industrial sites and rehabilitate vacant industrial facilities.

Proposed Basic Agency: EDA

Proposed Funding Sources:

Appalachian Regional Commission	\$ 500,000
City of Hagerstown	\$ 827,437
Maryland Department of the Environment grant	\$ 800,000
ARRA Federal Stimulus Funds	<u>\$ 1,422,563</u>
Total	\$ 3,550,000

Preliminary Project Description

Project Name: Smart Boards

Applicant: Allegany County BOE

County(s): Allegany

Contact: Nilufur Grove **Phone:** 301-759-2070

Project Description:

Funding support for “Smart Boards” (electronic blackboards) would enable the public school students to fully utilize the high speed ALLCONET system in targeted schools. The resulting school-wide “Smart Classrooms” would enable students and teachers to view as a class: lessons, teaching examples and online curriculum support resources. “Smart Classrooms consist of “Smart Boards”, laptop computers, video projectors and “Student Response Systems” all of which create an exciting and supportive system for the students. Examples which would be displayed and heard with the equipment include: Safari Montage (Internet based video on demand resource), web based testing, and web based instructional programming to meet real world needs. The project would move the schools from the traditional room bound blackboards to having a window on the world of time sensitive information that would support instruction. The large “Smart Boards” would ensure students can view and utilize the teacher identified resources for school-to-work transition programs compatible with real-world needs including higher education’s use of the technology. Students who need to feel comfortable and secure in using technology as they progress through the educational process will have access to the proven technology supported by teachers who are trained in its use. “Smart Boards” which has become a basic teaching tool, will ensure Appalachian students have the needed 21st Century skills to compete in a world economy.

Goal 2: Strengthen the Capacity of the People of Appalachian to Compete in the Global Economy

State Objective 2.9: Appalachian high school students will have access to school-to-work transition programs compatible with real-world needs and technology applications

State Strategy 2.9.1: Work with local business to create a valuable school-to-work transition program

Proposed Basic Agency: N/A

Proposed Funding Sources:

ARC	\$ 82,674
GCCAC	<u>\$ 82,674</u>
TOTAL	\$165,348

Preliminary Project Description

Project Name: B & O Museum
Applicant: Town of Oakland
County(s): Garrett
Contact: Gwen Evans **Phone:** 301-334-2691

Project Description: The Town of Oakland wishes to turn the Oakland Train Station into the Oakland B&O Museum. The Museum will be developed and operated within a Memorandum of Understanding between the Town of Oakland and the Baltimore B&O Museum (along with the Smithsonian). The Museum will be used to house and show railroad artifacts and exhibits along with a small gift shop. A major focus will be a class room for educational purposes. Renovations will include environmental controls (air conditioning, humidity control, UV filters, and a security system. Minor interior renovations may be required. All work will be in compliance with the Maryland Historic Trust's Easement on the building.

ARC GOAL #1 – Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity in the Nation

Objective 1.5: Stimulate development of the central business districts of the region's municipalities and support projects, which will enhance the long-term development of the CBD areas.

Strategy 1.5.1: Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

Proposed Basic Agency: USDA - RD

Proposed Funding Sources:

ARC:	\$200,000
Maryland CBRI	<u>\$200,000</u>
TOTAL:	\$400,000

Preliminary Project Description

Project Name: FSU Nanotechnology

Applicant: Frostburg State University

County(s): Allegany

Contact: Dr. Kasif Teker

Phone: 301 687-4339

Project Description:

A state-of-the-art nanotechnology laboratory has been established at FSU through an ARC funding in 2008. Furthermore, the lab has already been integrated into undergraduate education and research. The purpose of this proposed project is to improve the capacity of the nanotechnology laboratory to provide an excellent opportunity of education and training on nanotechnology-based energy applications and development of nanosensors. Piezoelectric nanowires offer great opportunities as renewable energy sources by converting any motion into electrical energy. Additionally, it is very attractive to develop self-powered devices using nanogenerators instead of batteries. These nanogenerators have the potential of realizing independent and continuous operations of implantable biodevices and portable electronic devices. Moreover, these nanogenerators can harvest energy from any motion in the environment such as light wind and vibration of acoustic waves. The project will serve engineering, physics, chemistry, and biology programs, extra-curricular activities for K-16 students, continuing education, and providing expertise in nanosensors to attract high-tech companies to the Allegany Business Center.

ARC GOAL #1 – Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

Objective: 1.2 - Stimulate growth of the region's businesses through development of technology resources.

Strategy: State Strategy 1.2.1 - Develop educational programs that support new technology development in the region

Proposed Basic Agency: N/A

Proposed Funding Sources:

ARC	\$ 59,000
FSU	<u>\$ 59,000</u>
TOTAL	\$118,000

Preliminary Project Description

Project Name: Student Trades Foundation
Applicant: Washington County Student Trades Foundation, Inc.
County(s): Washington
Contact: Dale Bannon **Phone:** 301-766-2937

Project Description:

The Washington County Student Trades Foundation, Inc. (WCSTF), in partnership with Washington County Public Schools (WCPS), construction project is a residential house being designed and constructed by high school students enrolled in construction related programs in the WCPS system. WCSTF sponsors the house building project to provide a real-life hands-on training project that matches the WCPS curriculum goals and objectives. The 2010-11 house project will be constructed in the town of Williamsport, MD. Construction program students from the Washington County Technical High School and the John Barr Institute will construct the house per the approved plans and permits under the direct supervision of their teachers. Transportation will be provided for students to and from the job site by WCPS school buses. This project will provide students with real-world experiences associated with the construction of a house; starting from the foundation to completion.

ARC GOAL 2: Strengthen the Capacity of the People of Appalachia to Compete in the Global Economy

State Objective 2.9: Appalachian high school students will have access to school-to-work transition programs compatible with real-world needs and technology applications.

State Strategy 2.9.1: Work with local business to create a valuable school-to-work transition program.

Proposed Basic Agency: N/A

Proposed Funding Sources:

ARC funding	\$ 89,500
WCSTF & WCPS funding	<u>\$ 89,500</u>
Total	\$179,000

Preliminary Project Description

Project Name: Liberty Mews

Applicant: GCCAC

County(s): Garrett

Contact: Duane Yoder

Phone: 301 334-9431

Project Description: Liberty Mews is Garrett County's first lease-to-purchase 36-unit workforce housing development for low income residents. The two-story three-bedroom old English Mews style homes are extremely ascetically appealing with siding of various colors, stacked stone, terraces, and garages; located in River Hill, a mixed-income planned residential development (PRD), with walking trails leading from the Glades Community Park through the Youghiogheny Riverfront Park onto Fort Alice, a historic cemetery, the train station, and many other amenities off Liberty Street of Oakland, Maryland. Liberty Mews meets Enterprise's Green Communities Criteria for integrated design; outstanding site, location and neighborhood fabric; significant site improvements; water conservation; Energy Star rated efficiency; usage of materials beneficial to the environment; features of a healthy living environment; with high standards for operations and maintenance. This affordable housing will help to meet a still critical need in Garrett County in that first time home buyers in Garrett County earn just 30% of the income needed to purchase a median starter home in Garrett County. This very low affordable housing index was highlighted not too long ago in Blueprint Maryland, a publication of the Maryland Department of Housing and Community Development, when Garrett County held the record for being the least affordable place to purchase a home in the entire State of Maryland when comparing average wages to average prices. Working families in Garrett County are very challenged to find affordable homes to purchase. In addition to providing affordable living to Garrett County residents, this lease to purchase opportunity will allow families to develop long-term assets, which is an integral component in moving families from crisis to self-sufficiency to sustained wealth with ownership in homes of increasing value. Liberty Mews offers quality housing with construction and design that promotes a beautiful and healthy environment for owners that will have a stake in their neighborhood. In addition to meeting affordable homeownership needs for residents with low incomes, 54 construction jobs are being generated by Liberty Mews.

Goal # 3: Develop and improve Appalachia's Infrastructure to Make the Region Economically Competitive

Objective 3.4: Increase the supply, choice, and condition of Appalachian Maryland's housing stock in order to meet the housing demands of current and future residents, thereby making the area more attractive to retention, expansion, and recruitment of business and industry.

Strategy 3.4.2: Increase the degree of homeownership affordable by low and moderate-income residents.

Proposed Basic Agency: Maryland Community Development Administration

Proposed Funding Sources:

ARC:	\$ 250,000	CDBG	\$ 305,000
First United:	\$1,200,000	MAHT	<u>\$ 150,000</u>
ARRA	\$ 250,000	Total	\$10,580,143
LIHTC	\$6,050,254		
FHLBA	\$ 250,000		
DDF	\$ 37,899		

Preliminary Project Description

Project Name: Hagerstown Building Reuse
Applicant: Hagerstown Neighborhood Development Partnership, Inc.
County(s): Washington
Contact: Sharon Disque **Phone:** 301-797-0900

Project Description:

HNDP proposes using the dynamics of the current real estate market to further its goal of community revitalization by:

- Acquiring a historic building in the Central Business District
- Renovating the property to:
 - Preserve the historic character of the Downtown
 - Address blighted condition and its impact upon adjacent properties
 - Preserve and enhance real property tax revenue by stabilizing and eventually increasing the value of the property
 - Create an attractive commercial location that will draw employers and residents to the Central Business District

HNDP, the Hagerstown/Washington County Industrial Foundation and local governments have identified two buildings suitable for this project, and in one case have negotiated a purchase. Both properties are of comparable value, in similar condition, and located within the Hagerstown Revitalization Area. Implementation could begin shortly after approval of the funding.

GOAL 1: Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

Objective 1.5: Stimulate development of the central business districts of the region's municipalities and support projects, which will enhance the long-term development of the CBD areas.

Strategy 1.5.1: Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

Proposed Basic Agency: none

Proposed Funding Sources:

Hagerstown/Washington County Industrial Foundation (a non-profit):	\$250,000
ARC:	<u>\$250,000</u>
Total:	\$500,000

Preliminary Project Description

Project Name: Elementary School Labtops
Applicant: Allegany County BOE
County(s): Allegany
Contact: Nilufur Grove **Phone:** 301-759-2070

Project Description:

Funding support for student laptop computers would enable the public school students to fully utilize the high speed ALLCONET system in targeted schools. The resulting school-wide “Smart Classrooms” would enable students and teachers access to existing online and communication resources. “Smart Classrooms consist of “Smart Boards”, laptop computers, video projectors and “Student Response Systems” all of which create an exciting and supportive system for the students. Examples which would be displayed and heard with the new technology include: Safari Montage (Internet based video on demand resource), web based testing, and web based instructional programming to meet real world needs. The project would move the schools from the traditional room bound blackboards to having a window on the world of time sensitive information that would support instruction. The new laptops would ensure students have access to the necessary resources for school-to-work transition programs compatible with real-world needs and technology applications when they reach the high schools and higher education. Since all technologies in the schools are interconnected to permit ease of use by teachers and students as they seek needed information from regional and national libraries. The new laptops will ensure Appalachian students have the needed 21st Century skills to compete in a world economy.

Goal 2: Strengthen the Capacity of the People of Appalachian to Compete in the Global Economy

State Objective 2.9: Appalachian high school students will have access to school-to-work transition programs compatible with real-world needs and technology applications

State Strategy 2.9.1: Work with local business to create a valuable school-to-work transition program

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$22,152
Allegany College of MD	<u>\$22,152</u>
TOTAL	\$44,304

Preliminary Project Description

Project Name: Hagerstown RLF

Applicant: City of Hagerstown

County(s): Washington

Contact: Kathleen Maher

Phone: 301-739-8577ext. 140

Project Description: This project would help to set up a revolving loan fund to assist with start-up and expansion of small businesses in downtown Hagerstown. Hagerstown's banking community is dominated by large, national banks that fail to utilize most of the federal government's loan programs to support the development of small businesses. The effect has stifled small business development in downtown Hagerstown. Hagerstown is one of the largest employment districts in Western Maryland and yet it has an unemployment rate that trends above state and federal levels, making the area ripe for business development.

ARC GOAL 1: Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation.

State Objective 1.6: Continue to support business expansion, start-ups and entrepreneurship.

State Strategy 1.6.1: Provide assistance to the region's entrepreneurs through the use of the district's RLF program.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$250,000
City of Hagerstown	<u>\$250,000</u>
Total	\$500,000

Preliminary Project Description

Project Name: AC Smart Classrooms

Applicant: Allegany College of Maryland

County(s): Allegany County

Contact: David Jones

Phone: 301-784-5350

Project Description:

Allegany College of Maryland and other Community Colleges throughout the country are straining under reduced budgets and increasing demand, especially from workers transitioning into new and emerging fields. Economic development and the revitalization of the Western Maryland region is relying more on state-of-the-art Workforce Training than ever before. The training made possible by this Smart Classroom project would assist in providing a skilled work force and upgrade the skills of current workers in the region.

This request is to install an additional three Smart Classrooms on campus, a "user friendly" teaching/learning environment. These classrooms would be strategically located to ensure that credit, continuing education, and workforce development training coursework would fully utilize the resource. A Smart Classroom is a classroom that has an instructor station equipped with computer and audiovisual equipment, allowing the instructor to teach using a wide variety of media. These include DVD and VHS playback, PowerPoint presentations, and more all displayed through a data projector. Classrooms will also have a semi-permanent unit in the room called a Smart Console. "Smart Classrooms" is a term applied to all new classrooms equipped with access to modern computers, projector systems, connectivity for laptops, and additional resources for electronic instruction such as VCR's, DVD players, and Elmo paper scanner/projectors

This project is closely aligned with the One Maryland Initiative, which proposes to provide opportunities for smaller high technology companies to locate operations in Western Maryland. It also supports the Department of Business and Economic Development's comprehensive approach to fully embrace Information Technology by substantially improving the technology education and training capabilities of post-secondary institutions. According to the plan, the following steps should be implemented: 1) Provide world class training for degree and certificate students; 2) Provide world class training for the current workforce and for displaced workers; and 3) Provide custom-designed, short term training for the employees of future businesses. This project supports the Department of Business and Economic Development's comprehensive approach to fully embrace Information Technology by substantially improving the technology education and training capabilities of post-secondary institutions.

ARC GOAL 1: Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

State Objective 1.2: Stimulate growth of the region's businesses through development of technology resources.

State Strategy 1.2.2: Work with the region's higher education institutions to develop new programs & technology.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$ 54,000
ACM	<u>\$ 54,000</u>
TOTAL	\$108,000

Preliminary Project Description

Project Name: WMD STEM Project

Applicant: Frostburg State University

County(s): Allegany

Contact: Dr. John Bowman

Phone: 301 687-4211

Project Description:

The WMSP will help students build knowledge and skills that are important and valued, make it easier for local businesses to find qualified workers, and encourage potential STEM employers to locate in an area with the human resources they need. Future plans include the development of a STEM Resource Center. The vision of a prosperous Western Maryland community that creates STEM educational and economic opportunities for its citizens lies at the heart of the Western Maryland STEM Project.

The WMSP proposes to:

- Establish an organizational structure to ensure leadership, governance, accountability, and sustainability in the implementation of WMSP.
- *Build community partnerships to foster awareness of the importance of STEM to the future prosperity of Western Maryland.*
- Design and implement specific projects and internships that bring together students, teachers, and STEM businesses and organizations in the practical application of STEM skills.
- *Develop new ways to help attract individuals from underrepresented groups to STEM careers.*
- *Build national and international STEM connection in Western Maryland.*

ARC GOAL #2 – Strengthen the Capacity of the People of Appalachia to Compete in the Global Economy

Objective: 2.10: The percentage of Appalachian workers receiving advanced skills training will equal or exceed the national average.

State Strategy 2.10.1: Increase the region's emphasis on science, math, and engineering programs.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$ 50,000
FSU	<u>\$ 50,000</u>
TOTAL	\$100,000

Preliminary Project Description

Project Name: Williamsport RLF
Applicant: Town of Williamsport
County(s): Washington County
Contact: Michael Sparks **Phone:** 301-223-7711 x.210

Project Description: This project would help to set up a revolving loan fund to assist with start-up and expansion of small businesses in Town Center. Williamsport, like many other small towns', banking community is dominated by large, national banks that fail to properly support the development of small retail/service businesses. The effect has stifled small business development in Williamsport and lead to underfunded businesses struggling to capitalize on tourism. With heavily used tourist assets within walking distance of Town Center, it is expected that well-funded businesses will flourish, provide much needed jobs and revenue for the area.

ARC Goal 1: Increase job opportunities and per capita income in Appalachia to reach parity with the Nation.

State Objective 1.6: Continue to support business expansions, start-ups and entrepreneurship.

State Strategy 1.6.1: Provide assistance to the region's entrepreneurs through the use of the district's RLF program.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$ 50,000
Town of Williamsport	<u>\$ 50,000</u>
TOTAL:	\$100,000

Preliminary Project Description

Project Name: Community Athletic and Recreation Rehab Center

Applicant: Garrett College

County(s): Jo Gilman

Contact: Robin Roberson

Phone: 301 387-3091

Project Description:

Construction for the first phase of a Community Athletics and Recreation Center (CARC) on the College's McHenry, MD campus began in May 2010, with the goal of completion by September 2011. The aquatics/fitness facility includes a competition swimming pool; a recreation/therapy swimming pool; an exercise center with fitness equipment; and multipurpose classroom/meeting rooms. The CARC project is funded jointly by the College, the State of Maryland, Garrett County, and Garrett County Memorial Hospital, which will operate a satellite physical therapy treatment center within the building. It is intended for use by year-round and seasonal County residents, College students and employees, tourists and visitors to the area. Besides its positive impact on the general health of the local population, the CARC represents an important addition to the commercial center of McHenry that will enhance its attractiveness as a recreational and tourist destination. The College has worked closely with the Chamber of Commerce and McHenry businesses, especially the real estate community, in developing the project.

ARC Goal 3: Develop and improve Appalachia's infrastructure to make the region economically competitive

State Objective 3.1: Stimulate smart growth and neighborhood conservation by encouraging the development of the central business districts of the region's municipalities and support projects which will enhance the long-term development of the CBD areas.

State Strategy 3.1.3: Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

Proposed Basic Agency: Not Identified

Proposed Funding Sources:

ARC	\$294,000
Garrett County	\$294,000
GC Hospital	\$ 80,000
TOTAL	\$668,000

Preliminary Project Description

Project Name: FSU Video Production Upgrade

Applicant: Frostburg State University

County(s): Allegany

Contact: Michael McAlexander

Phone: 301-687-3013

Project Description:

The Department of Mass Communication at Frostburg State University proposes to create a High-Definition Video Production and Research Lab in Room 102 of the Guild Hall building on the main campus of FSU. Serving as an upgrade to the analog TV Studio and single-camera production facilities, the proposed lab will provide students with an expansion of access to leading-edge technological equipment and training, in order to meet new industry demands within the video production and broadcasting field. In addition, the upgraded equipment will allow the department to create higher quality programming to broadcast on FSU-TV3 (the department's cable channel) that serves the greater Frostburg community and Allegany County.

ARC GOAL 1: Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

State Objective 1.2: Stimulate growth of the region's businesses through development of technology resources.

State Strategy 1.2.2: Work with the region's higher education institutions to develop new programs & technology.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$25,000
FSU	<u>\$25,000</u>
TOTAL	\$50,000

Preliminary Project Description

Project Name: Hagerstown Parking Plan

Applicant: Greater Hagerstown Committee

County(s): Washington

Contact: Ms. Shelby Penn

Phone: 301-733-0625

Project Description:

Over the past several years the City of Hagerstown has been working toward revitalizing the downtown area of the City. The City and various community coalitions and committees have partnered in developing programs as a way to entice businesses, both commercial and retail, to relocate to the downtown area. These programs include subsidized rents, low-interest loans, tax incentives, etc., and have been successful in securing a number of businesses and entrepreneurial ventures to establish a location in the City's core.

A major factor facing the successful revitalization effort involves the current parking situation in downtown. The downtown core, with its historic multi-leveled "brownstone" style, narrow architecture buildings accompanied with narrow streets and alleyways make it difficult to plan for and design adequate parking to service business growth.. Construction of two parking decks and a number of surface lots have occurred randomly and as such have hindered the revitalization efforts.

The study will provide recommendations that can provide guidance to the Town Council in the formulation of policies to address the on-going development of old downtown area while preventing parking issues from developing. This study will assist in determining 1) the current parking conditions; 2) identify future needs and locations of parking as the City continues its redevelopment; and 3) provide cost estimates. The goal of the study is to prevent parking issues from developing without over-building the parking supply, both of which would lessen the quality of life for the City's residents, property owners, merchants and visitors.

ARC GOAL 1: Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

State Objective 1.5: Stimulate development of the central business districts of the region's municipalities and support projects, which will enhance the long-term development of the CBD areas.

State Strategy 1.5.2: Provide the necessary infrastructure for reuse and/or redirect the use of downtown areas.

Proposed Basic Agency: N/A

Proposed Funding Sources: Greater Hagerstown Committee	\$30,000
Appalachia Regional Commission	<u>\$30,000</u>
TOTAL	\$60,000

Preliminary Project Description

Project Name: Willamsport Rehab Program
Applicant: Town of Willamsport
County(s): Washington
Contact: Michael Sparks **Phone:** 301-223-7711 x.210

Project Description:

The Town of Willamsport is in the process of working to revitalize the historic business district zoned Town Center. The area is currently in a depressed state with key properties in need of renovation and several properties in need of conversion back to commercial/retail use. The Town Center Store Rehabilitation Program will help to redevelop the area as a central tourism/community business district that can capitalize on the bike and foot traffic from both the C&O Canal and Byron Memorial Park. The program will be set up to incentivize property owners to renovate and convert property use to align with long term strategic goals, to attract business and increase job opportunities. Renovations that align with Town goals may qualify for partial grant, partial loan assistance. It is expected that applying property owners would submit proposed plans and expected costs to receive assistance.

ARC GOAL 1: Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

State Objective 1.5: Stimulate development of the central business districts of the region's municipalities and support projects, which will enhance the long-term development of the CBD areas.

State Strategy 1.5.1: Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$100,000
Town of Willamsport	\$100,000
Others (Property Owners)	<u>\$200,000</u>
TOTAL	\$400,000

Preliminary Project Description

Project Name: Student Response Systems
Applicant: Allegany County BOE
County(s): Allegany
Contact: Nilufur Grove **Phone:** 301-759-2070

Project Description:

Funding support for “Student Response Systems” (student’s participation desktop device connects the class to electronic blackboards while at their desk) would enable the public school students to fully utilize the high speed ALLCONET system in targeted schools. Teachers can monitor all students as they work on their laptops; select a student to share his/ her answers with the class on the “Smart Board” to fully engage the class in the lesson. The result would enable students and teachers to collaborate in discussions of lessons, teaching examples and online curriculum resources. “Smart Classrooms consist of “Smart Boards”, laptop computers, video projectors and “Student Response Systems” all of which create an exciting and supportive system for the students. Examples which they could interact with include: Safari Montage (Internet based video on demand resource), web based testing, and web based instructional programming to meet real world needs. The project would move the schools from the traditional room bound blackboards, chalk, raising hands to engaged electronic communication to support instruction. The large student specific systems would ensure students can share with the teacher their understanding of identified resources for school-to-work transition programs compatible with real-world needs. Students who need to feel comfortable and secure in using technology as they progress through the educational process will have access to the proven technology supported by teachers who are trained in its use. “Student Response Systems” which has become an extension of the basic question and answer method, will ensure Appalachian students have the needed 21st Century skills to compete in a world economy.

ARC GOAL 2: Strengthen the Capacity of the People of Appalachian to Compete in the Global Economy

State Objective 2.9: Appalachian high school students will have access to school-to-work transition programs compatible with real-world needs and technology applications

State Strategy 2.9.1: Work with local business to create a valuable school-to-work transition program

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$10,400
Local	<u>\$10,400</u>
TOTAL	\$20,800

Preliminary Project Description

Project Name: FSU Research Lab

Applicant: Frostburg State University

County(s): Allegany

Contact: Michael McAlexander

Phone: 301-687-3013

Project Description:

The Department of Mass Communication at Frostburg State University proposes to create a 3D Video Production/Research Lab (3D Lab@FSU) in Room 102 of the Guild Hall building on the main campus of FSU.

The proposed lab will provide students and faculty with expanded access to leading-edge technology and training in order to meet new industry demands within the video production and broadcasting field. Moreover, the 3D facilities will give students hands-on experience with the 3D video process that is poised to revolutionize the broadcast and cinematic industries. This will give students an unparalleled competitive advantage in the future job marketplace. To this end, the 3D Lab@FSU will consist of such equipment as professional-level 3D HD video cameras, 3DTV monitors for production and exhibition, 3D Active Shutter glasses, lighting kits, and a digital audio recorder and mixer.

ARC GOAL 1: Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

State Objective 1.2: Stimulate growth of the region's businesses through development of technology resources.

State Strategy 1.2.2: Work with the region's higher education institutions to develop new programs & technology.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$45,000
FSU	<u>\$45,000</u>
TOTAL	\$90,000

Preliminary Project Description

Project Name: AC Theater Classroom
Applicant: Allegany College of MD
County(s): Allegany
Contact: David Jones **Phone:** 301 784-5350

Project Description:

This request is to install a single Smart Classroom on campus in the Technologies Building Theatre to create a "user friendly" teaching/learning environment. The cost is higher than a typical smart classroom due to the size of the room and requirements needed to ensure that it meets the compliance as a smart classroom. A Smart Classroom is a classroom that has an instructor station equipped with computer and audiovisual equipment, allowing the instructor to teach using a wide variety of media. These include DVD and VHS playback, PowerPoint presentations, and more all displayed through a data projector. Classrooms will also have a semi-permanent unit in the room called a Smart Console. Smart Classrooms" is a term applied to all new classrooms equipped with access to modern computers, projector systems, connectivity for laptops, and additional resources for electronic instruction such as VCR's, DVD players, etc.

ARC GOAL 1: Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

State Objective 1.2: Stimulate growth of the region's businesses through development of technology resources.

State Strategy 1.2.2: Work with the region's higher education institutions to develop new programs & technology.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$40,000
ACM	<u>\$40,000</u>
TOTAL	\$80,000

Preliminary Project Description

Project Name: Pythian Castle Acquisition

Applicant: Town of Williamsport

County(s): Washington

Contact: Michael Sparks **Phone:** 301-223-7711 x.210

Project Description:

The Town of Williamsport is proposing to acquire the Parcel 416 in Town Center (Pythian Castle) for renovation into a senior arts center and museum annex. This building is prominent in Town Center and will provide a tourism draw, senior resident arts education and arts venue. Developing the property for this use will provide Town Center with a uniquely personal attraction for tourists and residents, increasing the desire to visit the area and frequent the businesses nearby. Estimates to fully renovate the building are approximately \$500,000. The Town has researched and will be submitting proposals for funding within the next year through the Community Development Block Grant and the Town has secured man hours through the Department of Corrections for work on the project. This project has wide community support and is expected to build on the heritage and recreational tourism of the town.

ARC Goal 1: Increase job opportunities and per capita income in Appalachia to reach parity with the Nation.

State Objective 1.5: Stimulate development of the central business districts of the region’s municipalities and support projects, which will enhance the long-term development of the CBD areas

State Strategy 1.5.1: Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

Proposed Basic Agency: N/A

Proposed Funding Sources:

Appalachian Regional Commission	\$ 60,000
Town of Williamsport	<u>\$ 60,000</u>
TOTAL	\$120,000

Preliminary Project Description

Project Name: Airport Property Improvements
Applicant: Washington County Commissioners
County(s): Washington
Contact: Joe Kroboth **Phone:** 240-313-2252

Project Description:

The completion of the Hagerstown Regional Airport runway extension project in late 2007, has spurred increased interest from the aviation business sector. Since completion businesses located on the airport have expanded into new facilities and increased employment opportunities for residents of Washington County. These facility expansions have utilized most of the “construction ready” sites on the airfield. The Airport Business Development office and the Hagerstown-Washington County Economic Development Commission is receiving numerous inquiries from national and international aviation related companies interested in locating their business at the Airport.

The Airport Site Development project will provide the necessary means to make land modifications and utility extensions to prepare an additional 5.5 acres of land available and ready for development. Readying parcels for development will facilitate the quick response required to facilitate the establishment of new businesses on the airport that will lead to increased employment opportunities for residents of Washington County and the surrounding area.

ARC Goal #3: Develop and Improve Appalachia’s Infrastructure to Make the Region Economically Competitive

State Objective 3.2: Increase the number of marketable industrial sites within all three counties including the conversion and rehabilitation of vacant industrial facilities.

State Strategy 3.2.1: Provide the basic infrastructure to new industrial sites and rehabilitate vacant industrial facilities.

Proposed Basic Agency: FAA

Proposed Funding Sources:

Washington County Government:	\$200,000
ARC	<u>\$200,000</u>
TOTAL	\$400,000

Preliminary Project Description

Project Name: Shawley Drive

Applicant: Washington County Commissioners

County(s): Washington

Contact: Robert Slocum **Phone:** 240-313-2418

Project Description:

This access roadway project will eliminate the existing Shawley Drive/Maugans Avenue intersection which is located less than 100 feet from an Interstate 81 southbound ramp. Shawley Drive will be relocated so that it intersects at Maugans Avenue opposite Oliver Drive. In addition, the intersection with Shawley Drive and Label Lane will be improved. This relocation and intersection upgrade is necessary to address Adequate Public Funding Ordinance (APFO) issues, cited in several traffic studies, before any additional commercial development can occur on the HUB Business Park property and surrounding commercial parcels situated along Interstate 81. The roadway project will also address a long-standing drainage deficiency at Shawley Drive.

ARC GOAL 4: Build the Appalachian Development Highway System to Reduce Appalachia’s Isolation.

State Objective 4.3: Provide required access to key industrial or commercial centers.

State Strategy 4.3.1: Transportation investments that will create or maintain employment opportunities in the region, such as projects that create access to an industrial park or area, strengthen city business district access, or upgrade multi-modal access to or from transportation facilities.

Proposed Basic Agency: FHWA

Proposed Funding Sources:

Washington County	\$1,681,400	
Developer Contributions	\$ 219,000	
ARC	<u>\$ 600,000</u>	
Total Project Costs		\$2,500,400

Preliminary Project Description

Project Name: Braddock Road, Phase II
Applicant: City of Frostburg
County(s): Allegany
Contact: Richard Harris **Phone:** 301-689-6000 x.15

Project Description:

Design and construction of roadway improvements along the northerly side of MD Route 736 (Braddock Road) centered across from the intersection with Braddock Street near I-68 Exit #33 to construct a safety and drainage upgrade mirroring Phase I improvements in design along the southerly side of MD 736. The safety and drainage improvements include widening for acceleration/deceleration lanes, and turning/bypass lanes on the north side of MD 736 pursuant to a master plan developed in 2009 with Trans Associates. Design and construction on the north side of MD 736 will address the master plan goal of relocating a private coal access road, Winner's View Terrace, to the north to oppose Braddock Street to allow for Phase IV access road entrance and extension in concert with anticipated private investment into Commercial/Light Industrial (C/LI) land, as well as a necessary access point to future development in the rear portion of the Allegany Business Center at FSU. This Phase II will also lead to a Phase III project that would complete safety and drainage improvements along MD 736 on both sides centered on Braddock Street intersection. Phase II and III will directly benefit the Braddock's Greene development and planned development at the opposing parcel, zoned C2, General Commercial situated directly at the Braddock Street intersection. Phase IV will focus on the C/LI development opposing Braddock Street.

ARC Goal 4: Build the Appalachian Development Highway System to Reduce Appalachia's Isolation.

State Objective 4.3: Provide required access to key industrial or commercial centers.

State Strategy 4.3.1: Transportation investments that will create or maintain employment opportunities in the region, such as projects that create access to an industrial park or area, strengthen city business district access, or upgrade multi-modal access to or from transportation facilities.

Proposed Basic Agency: FHWA

Proposed Funding Sources:

Appalachian Regional Commission	\$400,000
Town of Williamsport	\$100,000
TOTAL	\$500,000

Preliminary Project Description

Project Name: Extension of Professional Court

Applicant: City of Hagerstown

County(s): Washington

Contact: Kathleen Maher

Phone: 301-739-8577ext. 140

Project Description:

This project would build a new multi-span bridge over Antietam Creek and make improvements to the connecting street network as a means of providing a connection between the Eastern Boulevard corridor and the medical center off of Robinwood Drive via Professional Court. A new hospital is currently under construction adjacent to an existing medical office complex. This connection will prove to be a vital link in the community's transportation system on the east edge of the City and would help to relieve traffic congestion on US Route 40. Private developers would construct the road connections on the east side of the bridge. Funding assistance will make development of the adjoining land as a bio-tech business park more feasible and thus create economic development opportunities for the City. Total project cost is estimated at \$13.7 million for the entire connection improvements between Eastern Boulevard and Yale Drive. This funding proposal is for the design of the bridge and the initial phase of construction of the project.

ARC GOAL 4: Build the Appalachian Development Highway System to Reduce Appalachia's Isolation

State Objective 4.1: Develop a balanced transportation system, which is supportive of economic growth and investment potential in the region.

State Strategy 4.1.2: Improve secondary and local access highways and roads that will support primary highway development and yield an integrated network of road transit in the region.

Proposed Basic Agency: FHWA

Proposed Funding Sources:

Appalachian Regional Commission	\$ 600,000
City of Hagerstown and Washington County	\$ 500,000
Federal Appropriations Bill	<u>\$ 785,000</u>
TOTAL	\$1,885,000

Strategic Goals and Objectives FY 2011

A. ARC GOAL 1: Increase Job Opportunities and per Capita Income in Appalachia to Reach Parity with the Nation

State Objective 1.1: Increase employment and sales in the travel and heritage tourism industry, particularly in the areas of outdoor recreation, convention attractions, and historical interest.

State Strategy 1.1.1: Support regional marketing programs for the travel and tourism industry.

State Objective 1.2: Stimulate growth of the region's businesses through development of technology resources.

State Strategy 1.2.1: Develop educational programs that support new technology development in the region.

State Strategy 1.2.2: Work with the region's higher education institutions to develop new programs that support new technology.

State Strategy 1.2.3: Provide startup funding through RLF programs for development of new technology related industry in the region.

State Strategy 1.2.4: Provide the infrastructure to support the development of new technology related industry in the region.

State Objective 1.3: Increase international exports from the ARC region.

State Strategy 1.3.1: Provide assistance to local companies' exports efforts through a regional export assistance office.

State Objective 1.4: Carry on a comprehensive economic development planning effort for the region.

State Strategy 1.4.1: Develop and maintain economic development plans.

State Objective 1.5: Stimulate development of the central business districts of the region's municipalities and support projects, which will enhance the long-term development of the CBD areas.

State Strategy 1.5.1: Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

State Strategy 1.5.2: Provide the necessary infrastructure for reuse and/or redirect the use of downtown areas.

State Objective 1.6: Continue to support business expansions, start-ups and entrepreneurship.

State Strategy 1.6.1: Provide assistance to the region's entrepreneurs through the use of the district's RLF program.

State Strategy 1.6.2: Support the region's entrepreneurs through procurement assistance programs.

State Strategy 1.6.3: Support the region's entrepreneurs through the SBDC and other state programs.

State Strategy 1.6.4: Support programs that do not duplicate existing services but that fill gaps in the existing entrepreneur network.

State Strategy 1.6.5: Develop programs that will assist in the training or enabling of the region's entrepreneurs to market and do business development on an international level.

State Strategy 1.6.6: Develop advisory and training programs, as well as networking and "roundtable" opportunities for the region's entrepreneurs.

B. ARC GOAL 2: Strengthen the Capacity of the People of Appalachia to Compete in the Global Economy

State Objective 2.1: Continued viability of health network as a regional medical center.

State Strategy 2.1.1: Include the medical community in the development of modern telecommunications network

State Objective 2.2: Creation of a regional medical telecommunication network capable of providing medical diagnostics to the service areas small hospitals and clinics.

State Strategy 2.2.1: Connect the medical communities in nearby states to the Western Maryland telecommunication network.

State Objective 2.3: Facilitate local medical providers, access for diagnostics and training to neighboring major medical centers through a modern communications network.

State Strategy 2.3.1: Connect the Western Maryland telecommunication network to the nearby major medical centers.

State Objective 2.4: Enhance the capacity of local municipalities to plan for economic development and the needs of Western Maryland citizens.

State Strategy 2.4.1: Develop and maintain programs that will train residents of the region in economic development.

State Strategy 2.4.2: Develop and maintain economic development plans.

State Objective 2.5: Provide training opportunities to enhance the leadership skills of local officials and private nonprofit groups tasked with providing services to the community.

State Strategy 2.5.1: Development of programs that provide training in leadership development.

State Strategy 2.5.2: Development of programs that provide management skills to non-profit organizations.

State Objective 2.6: Enhance and strengthen the communication capability of non-profit and government organizations.

State Strategy 2.6.1: Develop and maintain a modern telecommunications network.

State Strategy 2.6.2: Monitor the effects upon the region caused by the deregulation of telecommunications.

State Objective 2.7: Develop skills necessary to promote collaborative partnerships among government.

State Strategy 2.7.1: Sponsor groups, meeting, workshops and retreats that provide opportunities for intergovernmental cooperation.

State Objective 2.8: Provide training, which emphasizes the roles and responsibilities of being an effective board member.

State Strategy 2.8.1: Sponsor programs on effective board membership and heir responsibilities.

State Objective 2.9: Appalachian high school students will have access to school-to-work transition programs compatible with real-world needs and technology applications.

State Strategy 2.9.1: Work with local business to create a valuable school-to-work transition program.

State Objective 2.10: The percentage of Appalachian workers receiving advanced skills training will equal or exceed the national average.

- State Strategy 2.10.1:** Increase the region's emphasis on science, math, and engineering programs.
- State Strategy 2.10.2:** Development of new educational programs that will lead to the development of the new skills necessary in the 21st century.
- State Strategy 2.10.3:** Provide continuing education training in advanced skills to the regions workers.
- State Strategy 2.10.4:** Work with local businesses to develop programs that will encourage workers to take advantage of post-secondary education programs.

State Objective 2.11: All Appalachian counties will equal or exceed the national average for enrollment in post-secondary education.

- State Strategy 2.11.1:** Encourage academic competition between the regions post-secondary educational institutions.
- State Strategy 2.11.2:** Increase the region's employment opportunities for college educated personnel.
- State Strategy 2.11.3:** Increase emphasis on technical employment opportunities.
- State Strategy 2.11.4:** Development of new career programs in science and engineering.
- State Strategy 2.11.5:** Development of graduate degree opportunities locally, either by offering advanced degrees through existing institutions or through remote classroom programs.

C. ARC GOAL 3: Develop and Improve Appalachia's Infrastructure to Make the Region Economically Competitive

State Objective 3.1: Stimulate smart growth and neighborhood conservation by encouraging the development of the central business districts of the region's municipalities and support projects which will enhance the long-term development of the CBD areas.

- State Strategy 3.1.1:** Development of comprehensive planning.
- State Strategy 3.1.2:** Development of downtown planning documents.
- State Strategy 3.1.3:** Develop projects that encourage the reuse and/or the redirection of the use of downtown areas.

State Objective 3.2: Increase the number of marketable industrial sites within all three counties including the conversion and rehabilitation of vacant industrial facilities.

- State Strategy 3.2.1:** Provide the basic infrastructure to new industrial sites and rehabilitate vacant industrial facilities.

State Objective 3.3: Continue the development of a modern communications network that includes voice, data, and video and provide the native human resources necessary to maintain these networks.

- State Strategy 3.3.1:** Provide the basic infrastructure necessary for the public sector to develop and maintain a communication network.

State Objective 3.4: Increase the supply, choice, and condition of Appalachian Maryland's housing stock in order to meet the housing demands of current and future residents, thereby making the area more attractive to retention, expansion, and recruitment of business and industry.

- State Strategy 3.4.1:** Preserve the existing housing stock available to low and moderate income residents.
- State Strategy 3.4.2:** Increase the degree of homeownership affordable by low and moderate-income residents.
- State Strategy 3.4.3:** Increase the supply, choice and condition of Appalachian Maryland's housing stock.
- State Strategy 3.4.4:** Stimulate and assist with the production of Housing for low and moderate income residents.

D. ARC GOAL 4: Build the Appalachian Development Highway System to Reduce Appalachia's Isolation

State Objective 4.1: Develop a balanced transportation system, which is supportive of economic growth and investment potential in the region.

State Strategy 4.1.1: Development of a north-south transportation network in the region.

State Strategy 4.1.2: Improve secondary and local access highways and roads that will support primary highway development and yield an integrated network of road transit in the region.

State Strategy 4.1.3: Increase the region's rail service capacity to meet potential increase in demand and to facilitate continuing industrial development.

State Strategy 4.1.4: Upgrade the region's airports to compliment future development and increase marketing support for air service.

State Strategy 4.1.5: Improve or provide access to recreational, health, or educational facilities.

State Objective 4.2: Support a viable system of public transportation.

State Strategy 4.2.1: Develop planning studies for public transportation.

State Objective 4.3: Provide required access to key industrial or commercial centers.

State Strategy 4.3.1: Transportation investments that will create or maintain employment opportunities in the region, such as projects that create access to an industrial park or area, strengthen city business district access, or upgrade multi-modal access to or from transportation facilities.

State Strategy 4.3.2: Support studies to increase use of public transit.

State Strategy 4.3.3: Support transportation studies that will help to revitalize or alleviate problems in downtown commercial areas.