

FY10 Appropriations

Congressman Bachus submitted the following FY10 Appropriations requests. Requests are subject to review by the respective Appropriations subcommittees and are being provided in the spirit of full disclosure.

Project: Adult Degree Completion Program, Clanton Campus Technology Project

Amount Requested: \$41,440

Proposed Recipient (group):

Huntingdon College
1500 East Fairview Avenue
Montgomery, AL 36106

Explanation of Request and why it is a valuable use of taxpayer funds:

This funding will enable Huntingdon College to secure technology designed to allow expert faculty at the Huntingdon main campus to reach non-traditional students of the College's Adult Degree Completion Program in Clanton in a real time setting to allow for faculty and student interaction. This will help the college better accommodate all the non-traditional students of the College's Adult Degree Completion Program in Clanton in real time.

Project: Advanced Asphalt Paving Technologies

Amount Request: \$2,000,000

Proposed Recipient (group):

Auburn University
202 Samford Hall
Auburn, AL 36849

Explanation of Request and why it is a valuable use of taxpayer funds:

The overall goal of this project is to minimize environmental impacts related to pavement construction, maintenance, and utilization. This project will build a demonstration pavement test section using at least five recycled materials, a warm mix technology for reduced energy and emissions during pavement construction, and a quiet, porous friction course surface on the test track, in cooperation with the Green Highways Partnership (GHP). Sustainable pavements will build pavements that last longer, consume less non-renewable raw materials, and have the smallest possible impact on our environment. There is a growing need to make pavements and bridges last much longer to counter the rising cost of construction and maintenance and do so with recyclable materials and with technologies that will preserve our environment for future generations.

Project Name: Alabama Farmers Market Renovations

Amount: \$3,000,000

Proposed Recipient (group):

Jefferson County Truck Farmers Association
344 Finley Avenue
Birmingham AL 35204

Explanation of Request and why it is a valuable use of taxpayer funds:

This project will help revitalize the existing Alabama Farmers Market at Finley Avenue, Birmingham AL. Restoration will occur in several phases. Phase One will cover several areas of critical need and enhance the esthetics of the existing structures and general property appearance, including a defined marketing plan. Renovation and expansion will draw more vendors to the market creating a \$3-\$5 million increase in sales and a resulting economic benefit as more people come to shop at the Market. The Renovation allows for a significant number of farmers from Black Belt Counties to come to Birmingham, a state hub for distribution of Alabama grown produce.

Project Name: Alabama Irrigation Initiative

Amount Request: \$200,000

Proposed Recipient (group):

Alabama Soil and Water Conservation Committee

PO Box 304800

Montgomery, AL 36130-4800

Explanation of Request and why it is a valuable use of taxpayer funds:

Approximately thirty projects would be serviced under this proposal. This money would be dispersed to districts approved by the National Resources Conservation Service for areas that experience extreme drought, in order for them to reserve and store water during the wet months to be used during the dry months as needed. This funding will help ensure the success and survival of Alabama's farms and therefore, ensure the availability of safe and affordable food and other agricultural products.

Project Name: Alert Quarters and Mobility Processing Complex

Amount Requested: \$5,200,000

Proposed Recipient (group): Alabama Air National Guard

1710 Congressman W.L. Dickinson Drive

Montgomery, Alabama 36109-2602

Explanation of Request and why it is a valuable use of taxpayer funds:

Construction of a properly sited, adequately sized, and appropriately configured alert quarters and mobility processing complex in support of 8 KC-135 aircraft. Functional areas include aircraft mission control, flight planning, and billeting for up to 17 personnel along with security fencing for controlled access, gates, and emergency power. Also required are areas for receiving and processing areas for personnel and baggage, pallet build-up, counseling, briefing, holding, passenger processing, and latrines. Project involves constructing steel framed, masonry sided buildings, slab on grade, with standing seam metal roofs complete with mechanical, electrical, HVAC, communications conduit, and fire protection. Provide gypsum dry wall and masonry interior walls and partitions as necessary; provide interior wall, ceiling, and floor finishes. Provide site improvements, pavement systems, utility connections, and emergency power systems. Design facilities for pre-wired work stations. This project directly supports the ongoing operations and deployments of the 117th Air Refueling Wing, Alabama Air National Guard. The 117th Air Refueling Wing currently takes part in Operation Noble Eagle as well as supports deployment schedules for overseas operations.

Project Name: Alternative Fuel for Cement Processing

Amount Request: \$1,500,000

Proposed Recipient (group):

Auburn University

301 Shelby Center

Auburn, AL 36849

Explanation of Request and why it is a valuable use of taxpayer funds:

The Alternative Fuel for Cement Processing project will develop and improve technologies with higher efficiency for the use of alternative fuels in cement production. This funding will be used to investigate engineering and environmental aspects of using a variety of alternative fuels and combines laboratory studies with industrial testing at a major production site. The project addresses the immediate need of reducing our dependence on traditional energy while reducing our waste product and our requirement for landfill. Successful implementation will help reduce coal consumption, reduce waste disposal, and have a positive impact on the environment.

Project Name: Bent Rail Regional Water Project

Amount Request: \$709,000

Proposed Recipient (group):

City of Pelham

3162 Pelham Parkway

Pelham, AL 35124

Explanation of Request and why it is a valuable use of taxpayer funds:

This project constructs a water transmission line for Pelham, Alabaster, and Shelby County, Alabama, called the Bent Rail. The Bent Rail to Alabaster project has far reaching benefits to not only the City of Pelham but other municipalities in North Shelby County most especially to help supply area water demands through periods of drought such that recently experienced.

Project Name: Black Warrior-Tombigbee

Amount Request: \$26,391,000

Proposed Recipient (group):

Army Corps of Engineers, Mobile District

109 St. Joseph Street

Mobile, AL 36628

Explanation of Request and why it is a valuable use of taxpayer funds:

The Corps must seek additional funds for Operations and Management, outside of normal maintenance allocation for the Mobile District of the COE. Currently there are 20 -25 million tons transported on this river each year, mostly coal and petroleum products, and serious repairs are needed. This project will provide necessary infrastructure maintenance and repairs to the 50+ year old lock and dam system and develop a new dredge disposal site. The Tennessee-Tombigbee Waterway and the Coosa-Alabama River systems depend on the efficiency of the Black Warrior-Tombigbee.

Project: Cahaba National Wildlife Refuge Overlook Park Parking Lot and Turn Lanes

Amount Request: \$298,000

Proposed Recipient (group):

Bibb County Commission

157 S W Davidson Drive

Centreville, AL 35042

Explanation of Request and why it is a valuable use of taxpayer funds:

At the new Cahaba River National Wildlife Refuge, trails are under construction at present to several scenic overlooks on the bluffs over the Cahaba River. The parking at the trailhead currently consists of a small paved lot with space for 6 vehicles total, including handicap parking. The current entrance off Co. Rd. 24 is located in a location with poor sight distance. This project would add turn lanes, move the entrance to a safer location, and enlarge the parking lot to about one acre. The project designs will move the entrance to a new location which will double the sight distance, and add turn lanes for much enhanced safety. The primary reason and justification for this project is safety. Safety for the people who will be accessing the new Cahaba River National Wildlife Refuge for recreational purposes, family outings, enjoying the spectacular views of the Cahaba River, and school groups and botanists which come to the area to study the rare and beautiful Cahaba Lily, known only to seven places in the world and the nearby Bibb County Glades which have eight plant species which are documented to be endemic only to this location.

Project Name: Cahaba River National Wildlife Refuge Visitors Center

Amount Request: \$1,200,000

Proposed Recipient (group):

U.S. Fish and Wildlife Service

2100 First Avenue North, Suite 500

Birmingham, AL 35203

Explanation of Request and why it is a valuable use of taxpayer funds:

The requested monies would fund construction of a new visitor's center in the Cahaba River National Wildlife Refuge near West Blocton, Bibb County, AL. The Cahaba NWR is one of the most popular natural areas in the State of Alabama, with the number of visitors increasing annually. A visitor's center would provide a central location for the visitors to obtain information about the refuge, one of the most biologically diverse waterways in the nation. It will be an ideal office for individuals working on the Cahaba River, and substantial economic benefits to the surrounding communities.

Project Name: Captive Carry Sensor Test-Bed

Amount Requested: \$4,000,000

Proposed Recipient:

Southern Research Institute

757 Tom Martin Drive

Birmingham, AL 35211

Explanation of Request and why it is a valuable use of taxpayer funds:

This project will provide a needed test-bed platform for evaluation of advanced sensor technologies in a cost-effective, realistic environment to better assess these technologies for overall weapon effectiveness and countermeasure development for threat systems. The CCST address the unfunded requirement for enhancing weapon system effectiveness through the development and integration of a UAV-based captive carry sensor testbed and characterization of realistic flight conditions.

Project Name: Center for Drug Discovery and Translational Medicine

Amount of Request: \$1,000,000

Proposed Recipient (group):

University of Alabama at Birmingham

1530 3rd Avenue South, AB 720E

Birmingham, AL 35294

Explanation of Request and why it is a valuable use of taxpayer funds:

Development of effective treatments or preventions for a wide variety of diseases relies on the efficient translation of fundamental investigation to the clinical setting. The Center for Drug Discovery and Translational Medicine seeks to facilitate such translation by emphasizing interdisciplinary collaboration and cooperation between academia and industry. This is a joint project between UAB and Southern Research Institute (SRI). The Center for Drug Discovery and Translational Medicine will unite academic and industrial partners. It will focus on translating academic research to a clinical setting, which will ensure taxpayer dollars invested in medical research lead to effective clinical uses.

Project Name: Center for Virtual Reality Medical Simulation Training

Amount Requested: \$3,837,000

Proposed Recipient:

University of Alabama at Birmingham

1802 6th Avenue South

Birmingham, AL 35249

Explanation of Request and why it is a valuable use of taxpayer funds:

The project is for development of medical training simulation using a supercomputer based, immersive virtual environment to train Air Force Pararescuemen (PJs) in medical skills. The simulation will focus on combat search and rescue, civilian rescue, mass casualty, confined space, and other challenging environments and scenarios to enhance training. Will enhance AF Pararescue training & readiness for combat search & rescue. The training simulation capability would allow military personnel to quickly & cost effectively adapt, train and develop responses to variety of emerging threats & emergencies.

Project Name: Child Sexual Predator Program

Amount of Request: \$500,000

Proposed Recipient (group):

Alabama Department of Public Safety
P. O. Box 1511
Montgomery, AL 36102-1511

Explanation of Request and why it is a valuable use of taxpayer funds:

The project will continue efforts to target the investigation, arrest, and prosecution of child sexual predators in the State of Alabama. Funding will be used for additional personnel and equipment. These funds will allow the investigation and prosecution of child sexual exploitation protects the children, children who are the future of the nation. The FY 1998 Justice Appropriations Act directed DOJ to create a national network of state and local law enforcement cyber units to investigate cases of child sexual exploitation; this funding will help the State of Alabama to fulfill that mission.

Project Name: Community Center Renovation

Amount: \$1,500,000

Proposed Recipient (group):

Town of Thorsby, AL
P.O. Box 608
Thorsby, AL 35171

Explanation of Request and why it is a valuable use of taxpayer funds:

Project will provide for the renovation of an existing building that upon renovation, would serve the entire North Chilton County area with community enhancement programs. The facility will include meeting spaces and banquet facilities. This project will provide for the continued economic development of Thorsby, enhancing the town's ability to attract events and tourist as well as greater community participation for the residents of Thorsby and the surrounding area.

Project Name: Community Storm Shelter, City of Graysville, AL

Amount: \$215,000

Proposed Recipient:

Alabama Emergency Management Agency
P.O. Drawer 2160
Clanton, AL 35046

Explanation of Request and why it is a valuable use of taxpayer funds:

This funding will allow the City of Graysville to construct a Safe Room/Tornado and Severe Wind Shelter for the City of Graysville at the Graysville East Pavilion park on 3rd Avenue N.E. The Shelter will accommodate approximately 50 people. The funding will strictly be used for construction purposes only for the shelter. This project directly supports efforts by the City of Graysville to reduce damages and the loss of life and property from natural disasters such as tornados and severe storms.

Project Name: Continued Construction

Amount: \$10,000,000

Proposed Recipient (group):

Alabama National Cemetery
731 Middle Street
Montevallo, AL 35115

Explanation of Request and why it is a valuable use of taxpayer funds:

Funding will continue construction of the Alabama National Cemetery. Project provides for a final resting place for veterans in Central Alabama.

Project Name: Coosa Valley Water Supply District

Amount Request: \$5,000,000

Proposed Recipient (group):

St. Clair County Commission

165 5th Avenue, Suite 100

Ashville, AL 35953

Explanation of Request and why it is a valuable use of taxpayer funds:

This project seeks to provide a drought resistant source of drinking water and industrial water for approximately 75,000 citizens and numerous industries. The funding being requested will be used entirely on construction of the water treatment plant and raw water intake and pump that would provide clean drinking water to a number of communities in St. Clair County. The recent drought in the Southeast has severely depleted water resources and water supplying wells are still struggling to catch up in St. Clair County. This project will assist in developing renewable water resources to combat future drought disasters.

Project Name: Crop Improvement Practices

Amount Request: \$1,900,000

Proposed Recipient (group):

Auburn University

202 Samford Hall

Auburn, AL 36849

Explanation of Request and why it is a valuable use of taxpayer funds:

The objective of the Crop Improvement Program is to develop and assist in adopting cropping systems that reduce production cost primarily by reducing the need for nitrogen fertilizer, pesticides, fuel and equipment. Federal funding would allow the program to expand reniform nematode research throughout the state, develop more intense mature management research that includes bioenergy crops, and expand research on the development of alternative substrates for nursery crop production. Current and future profitability of agronomic based crop production in Alabama is dependent on the research and outreach efforts. Use of precision technologies associated with these studies have resulted in practices that saves fuel, herbicides, and fertilizers and protects Alabama's vital natural resources.

Project Name: DCH Northport Medical Center Emergency Department Expansion

Amount Requested: \$1,000,000

Proposed Recipient (group):

DCH Health System

2700 Hospital Drive

Northport, Alabama 35476

Explanation of Request and why it is a valuable use of taxpayer funds:

This project will provide funding to expand the Northport Medical Center (NMC) Emergency Department. NMC supports over 40,000 emergency visits each year, making it one of the busiest emergency departments in the State of Alabama. DCH is working to expand the hospital's emergency department to provide the highest standards of urgent care to Tuscaloosa residents. As a major provider in the region, Northport Medical Center provides care for a large number of the uninsured and underinsured. The region will greatly benefit from this upgraded, more efficient ER. This project will result in greater patient privacy and better patient flow, reducing wait times and increasing efficiency.

Project Name: Downtown Renovations

Amount: \$275,000

Proposed Recipient (group):

City of Irondale, AL
P.O. Box 100188
Irondale, AL 35210

Explanation of Request and why it is a valuable use of taxpayer funds:

Renovation of historic downtown Irondale known as the Whistle Stop District. Improvements will concentrate on public infrastructure including sidewalks, lighting, and landscaping. The project will help stimulate economic development in the area, assisting in job creation and development of the downtown area.

Project: Employment and Education Program for Deaf and Blind Employees

Amount Request: \$500,000

Proposed Recipient (group):

Alabama Institute for Deaf and Blind
205 E. South Street, PO Box 698
Talladega, AL 35161

Explanation of Request and why it is a valuable use of taxpayer funds:

This project seeks to develop a collaborative job development program with employers incorporating assistive technology and targeting deaf and blind individuals with developmental disabilities for workforce placement. Specialized skills training in technology and technical areas with employers through this program will improve employment potential for individuals in these at-risk areas.

Project Name: Health Professions Facility, Equipment Upgrades, Training Project

Proposed Recipient (group):

Lawson State Community College
3060 Wilson Road, Southwest
Birmingham, Alabama 35221

Amount Request: \$5,000,000

Explanation of Request and why it is a valuable use of taxpayer funds:

This project provides funding for the construction of an Allied Health Sciences Building. This building will provide facilities for the training of traditional health care professionals as well as provide an infrastructure to support training for a number of Fast-Track workforce development opportunities in various healthcare-related areas. There is currently a high demand for highly-trained healthcare professionals, but unfortunately there is a shortage of qualified candidates. Funding for this facility will enable Lawson State's instructors to provide 21st century learning experience and better meet the employment needs of the healthcare profession, which is vital to all taxpayers.

Project Name: Highway 75 Public Safety Technology Project

Amount Requested: \$500,000

Proposed Recipient (address):

Post Office Box 9847
Center Point, AL 35220

Explanation of Request and why it is a valuable use of taxpayer funds:

The City seeks funding to place sensors on all traffic lights in the city's jurisdiction and in each municipal-owned or used vehicle, including those emergency vehicles traveling through Center Point and to purchase the central command system to operate the system remotely. Additionally, the City seeks to have its system calibrated to other surrounding emergency responders and provide training on the system. This system will increase the ability of emergency responders to respond quickly, safely, and effectively to emergencies.

Project Name: Institute for Sustainable Energy

Amount Request: \$2,000,000

Proposed Recipient (group):

University of Alabama

Box 870114

Tuscaloosa, AL 35487

Explanation of Request and why it is a valuable use of taxpayer funds:

This funding will be used to establish the Institute for Sustainable Energy. This institute will focus the efforts of a team of researchers to develop the science and technology to utilize the complex mix of alternate fuels in an energy efficient and environmentally sound manner. Recent hikes in energy prices, increase in global energy demand, energy security concerns, and the negative impacts of global warming will dramatically change the way we acquire, process, and utilize fossil energy in the United States. This project will help lead to energy independence, national security, stronger economy, and a cleaner environment.

Project Name: Interoperability Communication Enhancements

Amount Requested: \$750,000

Proposed Recipient (group):

St. Clair County Commission

165 5th Ave, Suite 100

Ashville, AL 35953

Explanation of Request and why it is a valuable use of taxpayer funds:

This funding will provide wireless communications and GPS tracking systems to all police vehicles by way of mobile data terminals with the capability of accessing NCIC, ACJIC, and "Virtual Alabama" (a user-friendly software system partnered with Google Earth that combines thousands of maps, photos, and databases from throughout the state into one, easy-to-navigate location, specifically for first responders). Advanced communications equipment will be used to reduce crime, thus serving the public good by providing a safer community. Ever since 9/11, the nation has seen an increased need for interoperability. It is essential that first responders be able to effectively communicate during wide-scale emergencies as well as routine dispatch calls. Finally the advanced equipment would increase the safety and effectiveness of all emergency and law enforcement officers on the job.

Project Name: Jacksonville State University in Alabama for career enhancement and small business development programs.

Amount: \$300,000

Proposed Recipient:

Jacksonville State University

700 Pelham Road, North

Jacksonville, AL 36265

Explanation of Request and why it is a valuable use of taxpayer funds:

JSU's state-of-the-art Tutoring and Advisement Support Center (TASC) will link in with the SBDC and other career development sites so as students will be guided to a future as small business leaders of Alabama. The project will provide salaries, facility upgrades, training, computers, supplies, and necessary. This project directly supports efforts by Jacksonville State University to provide career development and employment opportunities for students at JSU, many of whom are first-generation students, online students, transfer students from community colleges, students on probationary or related

academic status and students from underserved populations from the State of Alabama.

Project Name: Jails Technology and Equipment Upgrades

Amount Requested: \$2,500,000

Proposed Recipient (group):

Jefferson County Sheriff's Office
Birmingham, AL 35203

Explanation of Request and why it is a valuable use of taxpayer funds:

This project will provide funding for general equipment needed for the safe management of the two jails operated by the Sheriff's Office including tasers for deputies and updated Data Video Recording Devices (DVR's). The Jefferson County Sheriff's Office is actively seeking Jail Certification from the American Corrections Association (ACA). The American Corrections Association certification would lower the Sheriff's office liability and other insured risks. It would enable the jails to become ADA compliant and the new technologies would allow the jails to run in a more efficient manner.

Project Name: Jessie's Place Women's Economic Empowerment Program

Proposed Recipient (group):

Jimmie Hale Mission
3420 2nd Avenue
Birmingham, AL 35222

Amount Requested: \$200,000

Explanation of Request and why it is a valuable use of taxpayer funds:

To create an additional support program to at Jessie's Place that will instruct women on financial literacy to encourage successful transition to independent living, remediate financial shortcomings, and instill positive employment attitudes. Jessie's Place was established as a haven in the greater Birmingham region for homeless and hurting women and children seeking shelter while preparing to reach self-sufficiency, which allows these women to become productive members of society.

Project Name: Law Enforcement Equipment

Amount Requested: \$350,800

Proposed Recipient (group):

City of Gardendale
970 Main Street
Gardendale, AL 35071

Explanation of Request and why it is a valuable use of taxpayer funds:

This funding will allow the City of Gardendale to upgrade its equipment and improve its public safety operations by purchasing new patrol cars, video camera systems, laptop computers and an automated fingerprint identification system. The project will improve crime prevention and homeland security efforts.

Project Name: Law Enforcement Equipment and Technology Upgrades

Amount Requested: \$350,000

Proposed Recipient (group):

City of Irondale
P.O. Box 100188
Irondale, AL 35210

Explanation of Request and why it is a valuable use of taxpayer funds:

Equipment and technology upgrades for the Irondale Police Department, which will allow for better

communication and increased emergency response capability. The project will invest in crime prevention and protection.

Project Name: Law Enforcement Technology Improvements

Amount Requested: \$500,000

Proposed Recipient (group):

Alabaster Police Department

201 1st Street North

Alabaster AL 35007

Explanation of Request and why it is a valuable use of taxpayer funds:

The project would provide funding for equipment and technology for law enforcement officers, including computer-aided dispatch, report management system, and mobile data computers. This equipment and technology will provide Officers with tools to become more effective and efficient. The funding will help keep our officers patrolling and deterring crime, as well as keeping the officers and public safe. This funding will help officers patrol and deter crime as well as keep the officers and public safe.

Project Name: Logistical Fuel Processors Development

Amount Requested: \$6,970,000

Proposed Recipient:

Auburn University

202 Samford Hall

Auburn University, AL 36849

Explanation of Request and why it is a valuable use of taxpayer funds:

The focus of this program is to develop and demonstrate logistical fuel processor-fuel cell combinations that operate at significantly higher efficiencies than currently used by the Army. System improvements include: overall efficiency, fuel flexibility, activity maintenance and poison tolerance of the various catalysts, startup/shutdown time-scales, process strength, reliability, safety, thermal/acoustic signature and integration, and reductions in overall weight and volume. This project directly supports the war fighting capabilities of the entire U.S. military. Moreover, it focuses on more efficient power generation from readily available existing fuels, and develops and underpins dual use technologies critical to the energy security of the U.S.

Project: Main Street Improvements

Amount Requested: \$500,000

Proposed Recipient (group):

City of Springville

P.O. Box 919

Springville, AL 35156

Explanation of Request and why it is a valuable use of taxpayer funds:

This project will provide improvements to Main Street US Highway 11 in Springville. The funding will be used for Site Preparation, Street Resurfacing, Construction of turn lanes and Engineering near Springville Elementary School and Springville Middle School. The drainage and traffic improvements in this area are critical to the safety of residents and particularly of children accessing Springville Elementary and Springville Middle School.

Project Name: Materials Processing and Applications Development Center of Excellence for Industry

Amount Requested: \$4,000,000

Proposed Recipient:

University of Alabama at Birmingham

1530 3rd Avenue South, AB 720E

Birmingham, AL 35294

Explanation of Request and why it is a valuable use of taxpayer funds:

The Materials Processing and Applications Development Center will specifically focus on rapid development and applications insertion of emerging design, materials, and manufacturing technologies to provide solution options for many important military needs. Particular research projects will focus on encapsulated-ceramic armor using metallic and thermoplastic matrices, metal matrix composites, modeling of casting and deformation processing for non-ferrous and ferrous alloys, and thermo-mechanical processing of magnesium and other alloys such as aluminum, steel and titanium. Interdisciplinary research teams will bring together product development engineers, processing and manufacturing engineers, process/performance/design modelers, and materials scientists and engineers from academia, government, and industry. There is an urgent need for new, lightweight materials for military vehicle structures and armor solutions. The Army Research Laboratory does not have any foundry capabilities and therefore must turn to academic and industry partners to develop the next generation of metals working capability.

Project Name: Miniature Antennas for Unmanned Aerial Vehicles

Amount Request: \$1,000,000

Proposed Recipient (group):

University of Alabama

Box 870114

Tuscaloosa, AL 35487

Explanation of Request and why it is a valuable use of taxpayer funds:

This funding will help develop novel and efficient miniature antennas that are capable of supporting systems that control the flight of UAVs (Unmanned Aerial Vehicles). Novel ferrites (magnetic material) and broadband ferrite antennas of unique design will be investigated and developed, respectively, to address the unstable imaging problem existing in UAV cameras. Unmanned aerial vehicles (UAVs) can provide vastly improved acquisition and rapid dissemination of intelligence, surveillance, and reconnaissance data. The benefits and promise offered by UAVs have drawn attention because of the significant impact they will have on our national security.

Project Name: Miracle Field

Amount Requested: \$250,000

Proposed Recipient (group):

City of Gardendale

970 Main Street

Gardendale, AL 35071

Explanation of Request and why it is a valuable use of taxpayer funds:

Project will provide for renovations and improvements to the Miracle Field, including parking improvements, lighting, sidewalks and walkways, accessibility, and landscaping. This project offers a unique recreational opportunity for mentally and physically challenged individuals.

Project Name: Mobility Processing Center

Amount Requested: \$2.3 million

Proposed Recipient (group):

Alabama Air National Guard
1710 Congressman W.L. Dickinson Drive
Montgomery, Alabama 36109-2602

Explanation of Request and why it is a valuable use of taxpayer funds:

Construction of a properly sited, adequately sized, and appropriately configured mobility processing center in support of 8 KC-135 aircraft wing which is also associated with the active duty Air Force and supporting ECS. Functional areas include: an area for receiving and processing areas for personnel and baggage, pallet build-up, counseling, briefing, holding, passenger processing, and latrines. Project involves constructing steel framed, masonry sided buildings, slab on grade, with standing seam metal roofs complete with mechanical, electrical, HV AC, communications conduit, and fire protection. Provide gypsum dry wall and masonry interior walls and partitions as necessary; provide interior wall, ceiling, and floor finishes. Provide site improvements, pavement systems, and utility connections. This project directly supports the ongoing operations and deployments of the 117th Air Refueling Wing, Alabama Air National Guard. The 117th Air Refueling Wing currently takes part in Operation Noble Eagle as well as supports deployment schedules for overseas operations.

Project Name: Montevallo Energy Infrastructure Project

Amount Request: \$2,000,000

Proposed Recipient (group):

University of Montevallo
UM Station 6130
Montevallo, AL 35115

Explanation of Request and why it is a valuable use of taxpayer funds:

This project will provide new heating and air equipment that will significantly reduce campus carbon emissions, thus helping the university move toward achieving environmental goals of Federal, state, and local governments, which is a benefit to all citizens. The primary goal of this project is to increase the energy efficiency of campus buildings. Updating this centralized HVAC capability will save 20-30% over existing operating costs and reduce carbon emissions.

Project Name: Montevallo Main Hall Renovation

Amount Request: \$1,250,000

Proposed Recipient (group):

University of Montevallo
UM Station 6130
Montevallo, AL 35115

Explanation of Request and why it is a valuable use of taxpayer funds:

The University of Montevallo's Main Hall is the primary freshman female residence hall. Construction began in 1897 with completion in 1910, it is on the National Register for Historic Buildings. This funding would be used for interior and exterior renovation and an upgrade to existing safety codes. The Main Hall renovation project will provide students with safe, comfortable, and accessible housing in a building listed on the National Historic Registry. The project will provide an enhanced environment for living and learning.

Project Name: Operation Swordphish

Amount Requested: \$3,215,585

Proposed Recipient (group):

Alabama Department of Public Safety
P. O. Box 1511
Montgomery, AL 36102-1511

Explanation of Request and why it is a valuable use of taxpayer funds:

The Alabama Department of Public Safety/Alabama Bureau of Investigation Cyber Crimes Unit, Alabama Fusion Center and the University of Alabama at Birmingham will partner with Alabama District Attorneys Association in a multi-pronged approach to investigate and prosecute financial cyber crimes within Alabama. Staff will be hired to conduct computer research and monitor the phishing sites, train law enforcement agencies in analysis and investigative techniques as related to phishing, and conduct analysis and investigation into leads generated by the UAB Computer Forensics Department. This project will protect citizens from predatory actions such as phishing. Not only will more criminals be brought to justice but the victims will have a better chance of having their funds restored which will limit exposure of financial institutions and by that the Federal Governments obligations to FDIC insured institutions.

Project Name: P25 Wide Area Radio Network**Amount Request:** \$500,000**Proposed Recipient (group):**

Shelby County Sheriff's Office
P.O. Box 1095
Columbiana, AL 35051

Explanation of Request and why it is a valuable use of taxpayer funds:

Shelby County, Alabama is embarking on an initiative to upgrade its public safety communications network. The primary objective of the Wide Area Radio Network (WARN) project is to provide Shelby County with a county-wide, mission critical radio voice communication system. The funding will help to improve the public safety communications network and thus result in an improved public safety system in Shelby County.

Project: Pedestrian Walkways Project**Amount Request:** \$6,822,967**Proposed Recipient (group):**

City of Pelham
3162 Pelham Parkway
Pelham, AL 35124

Explanation of Request and why it is a valuable use of taxpayer funds:

The project will provide safe pedestrian walkways to Pelham and surrounding areas in compliance with its comprehensive plan. This will extend a 6 foot concrete pedestrian walkway from Highway 119 South to US 31 to Crosscreek Trail to Bearden Road and City Park in the City of Pelham. The installation of the proposed sidewalks will provide a better connection for pedestrians and will encourage more walking in the area. This will also accommodate and keep pedestrians on the sidewalks and out of the streets during events in the area, which will improve traffic flow and safety. Furthermore, when all sidewalks are linked in the area, pedestrians will be able to walk to the various commercial establishments.

Project Name: Pell City Domestic Violence Shelter**Amount Requested:** \$100,000**Proposed Recipient (group):**

YWCA of Central Alabama

309 23rd Street North
Birmingham, AL 35203

Explanation of Request and why it is a valuable use of taxpayer funds:

The YWCA Central Alabama proposes to enlarge an existing single family home it purchased in Pell City, Alabama last year for the purpose of creating a Domestic Violence Shelter in St. Clair County. When opened, this domestic violence shelter will be the only domestic violence shelter in the entire county-one whose need is substantiated by statistics. This project not only provides exceptional leveraging with an extremely small reliance on public dollars, but it is a project that will provide a domestic violence shelter in a rural county in Alabama that has not one bed or one shelter available to a woman or a woman and child fleeing domestic violence.

Project Name: Preparing the Workforce for the Future

Amount Requested: \$1,000,000

Proposed Recipient (group):

University of Alabama
Box 870114
Tuscaloosa, AL 35487

Explanation of Request and why it is a valuable use of taxpayer funds:

This project seeks to ready the AL workforce for the higher-wage higher-skill jobs of the future by providing insight into increasing workforce capacity (including especially knowledgeable workers), workforce skills, and workforce availability. UA is requesting funding for a two-year interdisciplinary research project that will provide comprehensive and relevant workforce information in order to prepare a ready workforce, which will help reduce poverty in AL and support economic development. This project directly supports the goals of the Small Business Administration by helping to generate jobs, help retain existing jobs, and prepare American regions for growth and success in the worldwide economy.

Project Name: Science, Technology, Engineering, and Mathematics Literacy Program

Amount Request: \$500,000

Proposed Recipient (group):

McWane Science Center
200 19th Street, North
Birmingham, AL 35203

Explanation of Request and why it is a valuable use of taxpayer funds:

This project will be used to develop and implement inquiry-based educational programs and teacher training workshops that enhance science, technology, engineering, and mathematics (STEM) literacy. The need for improved science literacy in the United States is acute, and it is especially critical for Alabama. More and more jobs demand advanced skills, requiring that people be able to learn, reason, and think creatively, make decisions, and solve problems. This project will bridge the gap between education and opportunity.

Project Name: Security & IT Improvements

Proposed Recipient (group):

United Methodist Children's Home
P.O. Box 830
Selma, AL 36702-0830

Amount Requested: \$225,000

Explanation of Request and why it is a valuable use of taxpayer funds:

The Children's Home's existing information technology infrastructure is a patchwork of outdated systems. In order to provide the best protection for both the at-risk youth in their care and their staff, a modern, networked security system is required. Modern security systems reduce the incidence of misconduct by both at-risk youth in residential care and of staff. This project will meet both needs by upgrading their information technology systems. By improving the efficiency and effectiveness of its information technology infrastructure, the United Methodist Children's Home will better serve the at-risk youth in its care. The creation of a seamless system will ease each child's movement through the continuum of care in the Children's Home system, which will improve the outcomes for each child, namely, becoming responsible and productive members of their communities.

Project Name: Sewer System Improvements

Amount Request: \$6,000,000

Proposed Recipient (group):

City of Pell City

1905 First Avenue North

Pell City, AL 35125

Explanation of Request and why it is a valuable use of taxpayer funds:

This project renovates the sewer collection system including main sewer lines, service lines, and lift stations in Pell City, Alabama. This project will protect to the environment, protect the public health, and stimulate economic development.

Project Name: Sloss Furnaces Historic Landmark Visitors Center

Amount Requested: \$2,500,000

Proposed Recipient (group):

Sloss Furnaces Foundation

20 North 32nd Street

Birmingham, AL 35222

Explanation of Request and why it is a valuable use of taxpayer funds:

Provide for the construction of a Visitors Center at the Sloss Furnaces National Historic Landmark, which is a museum of industrial heritage educating visitors on the history, science and culture of the iron making industry in Birmingham, Alabama. Sloss was designated as a national historic landmark in 1981, because of its national significance in telling the history and development of the iron and steel industry. This project will provide for the economic development of the area surrounding the Sloss Furnaces by increasing the appeal to tourists while also helping to preserve the history and heritage of the famed Birmingham steel industry.

Project Name: Springville Senior Center

Amount Requested: \$350, 000

Proposed Recipient (group):

City of Springville

P.O. Box 919

Springville, AL 35156

Explanation of Request and why it is a valuable use of taxpayer funds:

This project will provide funding for the construction of a Senior Citizen Center. The facility currently being used is not properly equipped to accommodate the future needs of Springville as the city is one of the fastest growing in the state. This funding will help improve the health and welfare of senior citizens in Springville and surrounding areas.

Project Name: Streetscaping Project

Amount: \$500,000

Proposed Recipient (group):

City of Tarrant

1604 Pinson Valley Parkway

Tarrant, AI 35217

Explanation of Request and why it is a valuable use of taxpayer funds:

The City of Tarrant is currently engaged in bringing the Fivemile Creek Greenway multi-use trail through the middle of the historic downtown. In addition to trail development the project has provided the opportunity to streetscape approximately four linear blocks. This work greatly enhances the potential to attract business and people to the historic downtown area. The current funding request will provide for additional streetscaping to enhance the access to the Greenway trail. This project will allow for continued economic development and improve the Tarrant access to the Greenway trail, benefitting the people of Tarrant as well as those who visit.

Project: Taxiway B Extension Site Preparation

Amount Request: \$1,329,025

Proposed Recipient (group):

Tuscaloosa Regional Airport

7601 Robert Cardinal Airport Road

Tuscaloosa, AL 35401

Explanation of Request and why it is a valuable use of taxpayer funds:

This project will provide for site preparation for the extension of Taxiway "B". This extension of Taxiway B will create a parallel Taxiway for Runway 4-22 and eliminate the hazard for aircraft to taxi across runway 4-22 from the SE to position themselves for take-off. It will also eliminate back taxing on the Runway 4-22. This extension of Taxiway B will create a parallel Taxiway for Runway 4-22 and eliminate the hazard for aircraft to taxi across runway 4-22 from the SE to position themselves for take-off. It will also eliminate back taxing on the Runway 4-22. This will result in safer and more efficient air transportation for taxpayers and greater support for economic development in the region.

Project: Technology Infrastructure for College and Community

Amount Request: \$800,000

Proposed Recipient (group):

Jefferson State Community College

2601 Carson Road

Birmingham, AL 35125

Explanation of Request and why it is a valuable use of taxpayer funds:

This project request is to help secure the technology infrastructure and personnel expertise to accomplish the goal of establishing one virtual campus for four different physical campuses, each is a different county. Interactive electronic linkages among the campuses and instructional sites will allow the college to offer multiple options for accessible education to traditional college students, workforce training including displaced workers, non-traditional adult learners including GED students and dual enrolment high school students from under-performing high schools that cannot offer their students an adequate academic and technical education.

Project Name: Urban Crime Prevention Initiative

Amount of Request: \$2,051,250

Proposed Recipient (group):

City of Birmingham
710 North 20th Street
Birmingham, Alabama 35203
Amount of Request: \$2,051,250

Explanation of Request and why it is a valuable use of taxpayer funds: An initiative to provide funding for the Community Oriented Policing Services (COPS) program to add additional police officers to the existing force and for crime prevention technology like Shot Spotter and GPS technology. The City plans to use the funds to increase the number of personnel and to invest in technology such as shot spotter GPS technology which will result in an improvement in public safety.

Project Name: Veterans Living Legacy Educational and Visitors Facility

Amount: \$500,000

Proposed Recipient (group):

Citizenship Trust at American Village
P.O. Box 6
Montevallo, AL 35115

Explanation of Request and why it is a valuable use of taxpayer funds:

The goal of this project is to construct and equip an educational and visitors facility to welcome and engage over 111,000 student and general visitors annually to the National Veterans Shrine and Living Legacy at the American Village. This project seeks to leverage the value of over 90% in non-Federal contributions to complete and equip this economic and educational initiative, which will improve the experience of the hundreds of thousands of visitors and students who will appreciate engaging in lessons of history, and stories of liberty and sacrifice.

Project Name: Wastewater Treatment Improvements

Amount Request: \$2,750,000

Proposed Recipient (group):

City of Jemison
24747 U.S. Highway 31
Jemison, AL 35085

Explanation of Request and why it is a valuable use of taxpayer funds:

The project will consist of the construction of a new wastewater treatment plant (WWTP) on the east side of Jemison. The plant will be a 400,000 gallon per day (GPD) average and 1.2 MGD peak treatment facility that can be expanded to 1.6 MGD average and 4.8 MGD peak. Included in this work will be the construction of a sequencing batch reactor (SBR) system, clarifier, digesters, ultraviolet disinfection, effluent pumping station, sand drying beds, and discharge to a local stream. The proposed funds will be used to lower the overall debt to be incurred by the City of Jemison for the construction of the required improvements. If grant funds are not made available, the City of Jemison will be required to raise their sewer rates to all of its customers to cover the debt service.

Project: West Alabama Literacy Initiative

Amount Request: \$250,000

Proposed Recipient (group):

Literacy Council of West Alabama
P.O. Box 20410
Tuscaloosa, AL 35402

Explanation of Request and why it is a valuable use of taxpayer funds:

Funding will be used to provide initial, one-time seed funding to establish the basic literacy delivery system for West Alabama, including implementation of a research and best practices clearinghouse for literacy programs and services; training programs for literacy trainers, tutors and other educational components; technical support services for existing literacy service providers that do not have the ability or financial support to implement programs on their own; marketing and communication initiatives for sustain a high level of awareness and information related to literacy; and management and administrative support for delivery of literacy programs and services throughout the 8-county region. The program is an adult literacy program. Low levels of literacy have significant national, regional and local implications and affect educational achievement, school drop-outs and graduation rates, workforce capacity and development, workforce skills, families, financial and economic literacy, health, crime and public safety, homelessness and many other social challenges.

Project Name: Youth Mentoring Program

Amount Requested: \$500,000

Proposed Recipient (group):

Team Focus, Inc.
6110 Grelot Road
Mobile, AL 36609

Explanation of Request and why it is a valuable use of taxpayer funds:

Team Focus is a faith-based non-profit organization that mentors fatherless young men year round in 7 camps across the country (AL, OH, TX, MI, CA, DC, TN). Funds would provide curriculum development, equipment, and supplies for year-round mentoring programs and summer camps. Funds are critical to provide services and training at no cost and to continue growing the program. Team Focus offers - for most of the young men - the only leadership training and male mentorship they have.

Project Name: Zerometh Drug Prevention Campaign

Amount Request: \$1,000,000

Proposed Recipient (group):

Alabama District Attorney's Association
515 South Perry Street
Montgomery, Alabama 36104

Explanation of Request and why it is a valuable use of taxpayer funds:

Zerometh is Alabama's reaction to the destructive force of today's meth epidemic. Its purpose is to expose meth and its deadly consequences to teens and young adults (12-24). The goal is to stop a potential first-time user from ever trying the drug, while encouraging everyone to look for the warning signs and support treatment. The funding will be used to purchase media and develop presentations. Meth use is a national epidemic that requires attention at all levels, but education will be the critical step to slowing down the rate of addiction to the powerful job. Zerometh has a distinctly federal goal in its mission to educate young people as to the dangers of Meth and the impact it can have on their life.