

**FY2010 Appropriations Projects – FINAL  
Rep. Kay Granger**

**Advanced Law Enforcement Rapid Response Training (ALERRT)**

\$1.3 million

Texas State-San Marcos  
601 University Drive  
San Marcos, Texas 78666

ALERRT has been operational since 2002. It is an ongoing project to ensure that law enforcement officers have the most up-to-date training available on how to effectively respond to, address, and stop an active shooter. Funding will be used to train law enforcement officers, including officers from Fort Worth Police Department and Texas Christian University Police Department, to respond and deal with an active shooter situation. In addition, funding will enable the program to be established as a national training system; to further build train-the-trainer capacity; to enhance retention of learned skill by former students; to provide valuable research and evaluation to improve first responder abilities; and to provide investigative training and support for evolving threats.

**Advancing Science and Mathematics in Williamson County, Texas**

\$443,000

Southwestern University  
1001 East University Avenue  
Georgetown, Texas 79626

Southwestern University is a nationally ranked liberal arts college. Undergraduate research is a key component of science and math education at Southwestern. The goal of this project is to strengthen undergraduate research in the sciences and mathematics at Southwestern and to extend Southwestern's expertise in these fields to public high school students and public high school teachers in Williamson County. Funding will be used to enroll first generation, low-income students in a summer college prep program that allows the students to participate in a faculty-supervised laboratory or field research project. Funds will also be used for teacher training as well as to allow Southwestern students and faculty to participate in summer lab and research projects with high school students and teachers.

**Alliance Airport Runway Extension, Fort Worth, TX**

\$750,000

Alliance Air Services, City of Fort Worth, TX  
2221 Alliance Boulevard, Suite 100  
Fort Worth, TX 76177

Funds will be used to extend the existing main runway. The extension project includes lengthening the runway by 1,400 feet to 11,000 feet and includes extension of taxiways, relocation of FM Road 156, and relocation of BNSF main line, and extension of Eagle Parkway, at a total cost of \$212 million. Local match is \$50 to \$60 million.

### **Army National Guard UH-60 Rewiring Program**

\$8 million

InterConnect Wiring, L.L.P.  
5024 West Vickery Blvd  
Fort Worth, TX 76107

The rewiring program is a vital recapitalization of critical aviation assets within the Army National Guard needed so the Guard can sustain the current operational tempo in support of critical wartime and homeland defense missions. The rewiring of aging UH-60 aircraft will ensure a single, standardized aircraft configuration, reduce extensive maintenance time requirements needed to isolate electrical malfunctions, and enhance operational safety due to the age of the wire within these aircraft.

### **Assistance to Improve Water Quality for Tarrant County, TX**

\$336,000

Texas AgriLife Extension Service  
113 Jack K. Williams Building  
2142 TAMU  
College Station, TX 77843

Funds will be used cooperatively by Texas AgriLife and Tarrant Regional Water District to complete the plans for the Richland Chambers Reservoir watershed protection plan. The overall project aims to create a watershed protection plan and improve the water quality in the five reservoirs that supply water for the majority of Fort Worth and 59 surrounding communities. By implementing a watershed protection plan, water quality can be improved in North Central Texas, thereby protecting supply and quality for over 1.6 million residents in the area. The ultimate goal is to accommodate a growing population and increased urbanization without sacrificing water quality.

### **Botanic Research Institute of Texas**

\$500,000

Botanical Research Institute of Texas, Inc.  
500 East 4<sup>th</sup> Street  
Fort Worth, Texas 76102

The Botanical Research Institute of Texas (BRIT) is one of the largest herbaria (depositories for botanical collections) and botanical and horticultural libraries in the country. Numerous scientists, lay people, ranchers, authors, land managers, and others utilize BRIT by either borrowing material or coming to the site to do their research or make their enquiries. BRIT provides material for research on cancer prevention and treatment, conservation of natural resources, forensic investigation and for many other causes. In their present site, a cramped former warehouse, they are not easily accessible to the public. Therefore, they have raised a considerable amount of private funds to design and construct a state of the art facility adjacent to the Fort Worth Botanic Garden. The building at that site will exponentially increase the service

they can provide to the local, state, national and international communities. Requested funding will be used by the BRIT Herbarium and BRIT Library to purchase equipment such as new archival metal herbarium cabinets for the new facility to make the over one million specimens of plants and nearly 100,000 volumes of books and journals resources more publicly accessible.

**Central City, Fort Worth, Upper Trinity River Basin, TX**

\$6.782 million

U.S. Army Corps of Engineers  
Fort Worth District  
819 Taylor Street  
Fort Worth, TX 76102

The Corps of Engineers will use FY2010 funds for bypass channel construction, valley storage construction, and geotechnical exploration. The aging levee system is no longer adequate to provide protection for an area adjacent to downtown Fort Worth that is undergoing revitalization. The U.S. Army Corps of Engineers recommends in the final Environmental Impact Statement an integrated, comprehensive solution for flood control in this area to include transportation, environmental restoration and community redevelopment components in constructing a 1.5 mile flood-control bypass channel. Local cost share is over \$180 million.

**Child Abuse Training Programs for Judicial Personnel: Victims Act Model Courts Project**

\$1.875 million

National Council of Juvenile and Family Court Judges  
1041 North Virginia Street, Third Floor  
Reno, Nevada 89503

This funding will be used in planning and programming for work in Model Courts and in jurisdictions nationwide, including site-based and local, regional and national interdisciplinary training programs; Model Court site visits; Model Court cross-site visits; All-Sites Meetings; outreach to national State Court Improvement Programs; direct technical assistance to Model Courts and other jurisdictions nationwide; mentoring of non-Model Court jurisdictions; publications for national dissemination; research to evaluate Model Court work; and networking with national organizations. This project focuses on improving court practice in handling child abuse and neglect cases in jurisdictions across the country, and will have significant impact on the over 513,000 children in the nation's foster care systems. This juvenile justice prevention model has provided the ability to courts to not only improve their practice, but to provide long-term solutions to children and families. Through judicial education, strategic planning, evaluation and technical assistance (TA), this project has resulted in reducing the time in the system for children in foster care and the numbers of children in care in jurisdictions across the country, and has improved the quality of care children receive while under the court's jurisdiction.

### **CNG Bus Replacement, Fort Worth “T” Transportation Authority**

\$885,400

Fort Worth Transportation Authority  
1600 E. Lancaster Avenue  
Fort Worth, TX, 76102

This request from the Fort Worth Transportation Authority continues the replacement of its aging bus fleet and pays for the cost of replacing buses. When the total project is completed, the fleet will be 100% wheel chair accessible and complete with security cameras for driver and passenger safety. Local cost match is 20 percent.

### **Construct Electronic Counter-Measure (ECM) Shop**

\$1.1 million

136<sup>th</sup> Airlift Wing, Air National Guard  
Carswell Air Reserve Station, Texas  
Fort Worth, Texas

The 136<sup>th</sup> Airlift Wing supports an 8 PAA C-130H Wing. The 136th Airlift Wing currently does not have assigned space for ECM personnel to conduct inspections, maintenance or administrative activities. They must borrow workspace within the existing avionics administrative and shop facility to execute their mission. The funds will be used to construct an ECM addition to the existing avionics facility along with partial renovation to the existing avionics area to provide a properly sized and appropriately configured Avionics and ECM shop and storage space. This facility will provide space for bench stock, test stations, workbenches, storage of test equipment and units under test, as well as an administrative area.

### **Doctorate in Nurse Anesthesia Practice Initiative, Texas Wesleyan University**

\$650,000

Texas Wesleyan University  
1201 Wesleyan Street  
Fort Worth, Texas 76105

Funds will be used by Texas Wesleyan University for equipment costs to support the new on-line Doctorate program in Nurse Anesthesia Practice. Harris Methodist hospital is the primary clinical site for Texas Wesleyan University's nurse anesthetist program. Funding will be used to upgrade the network and enhance current audio/visual technologies for curriculum development and deployment to support instructional needs for the new distance learning doctoral program. This funding will allow Texas Wesleyan to provide doctorate level on-line training in nurse anesthesia to the nursing professionals in rural and underserved communities. Texas Wesleyan University's new Doctorate Program of Nurse Anesthesia Practice is only the second doctoral program of its kind in the United States. This project provides education via new technologies, including distance learning methodologies, and addresses the Healthy People 2010 goal set by HHS to eliminate health disparities.

### **Farmer's Branch, White Settlement, TX**

Continuing authority up to \$4.055 million

U.S. Army Corps of Engineers

Fort Worth District

819 Taylor Street

Fort Worth, TX 76102

The goal of this project is to improve the channelization of Farmers Branch flowing through the center of White Settlement, to mitigate major flooding problems affecting family residential properties and commercial entities. The recommended plan consists of a grass and rock-lined channel with widths of cut varying from 55 to 120 feet between White Settlement Road and Las Vegas Trail. The City has passed bonds totaling \$11.5 million for the project. These funds will be used for construction.

### **Field Deployable Hologram Production System**

\$3.84 million

Zebra Imaging, Inc

9801 Metric Blvd

Austin, Texas 78758

The Field Deployable Hologram Production System is needed by DOD to reduce the time now required to provide 3D imagery to deployed combat forces in Iraq and Afghanistan for intelligence and operation planning. The goal is a more efficient, cost-effective production system that provides the deployed war fighter needed planning and intelligence capabilities on a much faster basis.

### **Flashlight Soldier-to-Soldier Combat Identification System (FSCIS)**

\$4.5 million

ATR Electronics, Inc.

109 Ridgemont Ave.

San Antonio, TX 78209

Friendly Fire (FF) incidents occur frequently and cause unnecessary death and injury. The Flashlight Soldier-to-Soldier Combat Identification System (FSCIS) RDT&E project develops 13-prototype M4 rifle mounted/body worn radio communication devices that immediately identify friendly soldiers and equipment at the point of engagement. Follow-on Flashlight antennas can be mounted on vehicle platforms, such as tanks and aircraft to create a single-system Combat ID capability that can be integrated into advanced communications systems (FCS).

### **Fort Worth TX Transportation Authority Southwest-to-Northeast Rail Corridor**

\$4 million

Fort Worth Transportation Authority

1600 E. Lancaster Avenue

Fort Worth, TX, 76102

The Fort Worth Transportation Authority has developed plans for a rail line across Tarrant County. This project is a 37-mile commuter rail project linking Southwest Fort Worth with downtown (with interface to existing Trinity Rail Express), northeast Tarrant County, and D/FW International Airport. This project would create a western light rail loop into the metroplex's major airport, and complement an eastern rail loop being developed by DART. The draft environmental impact statement was recently completed, and it is in the engineering level range. The local and state match is 50 percent through the T's dedicated sales tax funds as well as other municipal sales tax funds. Federal CMAQ funds have also been used for a portion of this project.

### **Henderson Street Bridge Construction at the Trinity River, Fort Worth, TX**

\$2.5 million

City of Fort Worth, TX

1000 Throckmorton Street

Fort Worth, TX, 76102

The City of Fort Worth, Texas, will use this funding for the design, engineering and construction of SH 199 (Henderson Street) through the Trinity Uptown area of the Trinity River Vision. The aging levee system is no longer adequate to provide protection for an area adjacent to downtown Fort Worth that is undergoing revitalization. The U.S. Army Corps of Engineers recommends in the final Environmental Impact Statement an integrated, comprehensive solution for flood control in this area to include transportation, environmental restoration and community redevelopment components in constructing a 1.5 mile flood-control bypass channel. Local cost share is \$23.5 million.

### **Intelligent Energy Control System**

\$2.4 million

Williams-Pyro Inc

200 Greenleaf Street

Fort Worth, TX 76107

This project fully supports the Army Science and Technology Master Plan which requires focus on Logistic technologies that reduce logistics demand and technologies that reduce demand for consumables such as fuel and technologies that enhance the nation's assurance of sufficient energy for Army missions.

### **Interstate-35 W Congestion and Air Quality Relief, Fort Worth, TX**

\$2 million

City of Fort Worth, TX  
1000 Throckmorton Street  
Fort Worth, TX, 76102

Funds would provide congestion relief for I-35W between downtown Fort Worth and SH 114 near the Denton/Tarrant County line. These funds are for engineering and design, and the funds will be applied to complete the design and environmental phase of the project. Relief of regional congestion along this road segment is critical and would address significant emissions concerns. Additionally, this roadway's expansion would facilitate renewal of north Fort Worth and the work of the Trinity River Vision project. There is more than a 20 percent local match.

### **Mobile Firing Range**

\$1.5 million

Texas National Guard  
PO Box 5218  
Austin, Texas 78763-5218

The Mobile Firing Range will allow soldiers to train with their assigned weapons at their home station. The value added is soldiers can train more than once a year during your annual qualification. The ability to have mobile ranges allows for them to be collocated as need to support deploying unit needs. This system is a training and force multiplier due to the negation of travel and lodging, and staging needed when conducting this training on a military facility.

### **Mobile, Oxygen, Ventilation, and External (MOVES)**

\$2.72 million

SVTronics, Inc.  
3465 Technology Drive  
Plano, Texas 75074

MOVES will provide critical life-saving capabilities to combat casualties in the field, and significantly reduce logistical costs and hazards. MOVES reduces the size and weight of the present En Route Care System by over 60 percent, and eliminates the hazards associated with pressurized oxygen cylinders in the field.

### **Nautilus: Multi-Mission Unmanned Surface Vessel**

\$2 million

EFW Inc.  
4700 Marine Creek Parkway  
Fort Worth, TX 76179

The Nautilus will enable the US Navy to test and evaluate the use and effectiveness of a large Unmanned Surface Vessel (USV) with multiple capabilities, including surface warfare, persistent electronic surveillance and dull, dirty, dangerous missions typical for unmanned

vessels. It will be the first large, stealthy, attack USV with a combat suite, integrated into the US Navy enterprise network (FORCEnet). This will eliminate/reduce risk to personnel on conducting high risk, covert, intelligence/surveillance ops.

### **NSW Protective Combat Uniform**

\$2.5 million

Naval Special Warfare Development Group  
1636 Regulus Ave  
Virginia Beach, VA 23461

The Protective Combat Uniform (PCU) is a multiple layer, tactical clothing ensemble worn by SEALs that incorporates leading edge signature reduction technologies designed to incrementally reduce and manage the detectable signature of SEAL operators and their associated mission gear. Application of signature management technologies and corresponding enabling tactics provides SEALs the unique ability to clandestinely find and fix designated terrorist targets, especially in denied areas. The objective is to reduce the detectability of SEALs by enemy forces. The textiles used in the PCU ensemble address signature reduction against visual and near-infrared sensors.

### **Parker County, TX, Interstate-20 Interchanges**

\$500,000

Parker County, TX  
One Courthouse Square  
Weatherford, TX, 76086

Parker County, TX, approved an \$80 million transportation bond program that would improve its roadway systems, decrease congestion and provide additional capacity for the heavy truck traffic. This project would upgrade two IH-20 interchanges: the western loop and the FM 1187 interchanges. The amount requested will be utilized for environmental studies involved with the planning and design, engineering design, surveys, geotechnical studies for the bridge structure, and right-of-way acquisition for the two IH-20 interchanges at FM 1187 and at the Western Loop. This bond program was approved in November 2008 with a 64 percent approval. In the lead up to the vote, Parker County created a public website on the package, held at least 12 public outreach meetings. Parker County is working with the Federal Highways Administration, TXDOT and the local regional transportation council.

### **Portable Sensor for Toxic Gas Detection**

\$3.84 million

General Atomics  
3550 General Atomics Ct  
San Diego, CA 92121

Provides a single hand-held detector that can sense any combination of several toxic chemical vapors. Presently there is not a single device that can provide an early warning before vapors reach harmful concentrations.



**Promoting Healthy Weight in Texas: Tarrant County Project**

\$300,000

Texas AgriLife Extension Service

1500 Research Parkway

Suite 150, 2259 TAMU

College Station, Texas 77845

Funding will be used by the Texas AgriLife Extension Service to develop a pilot program in the Fort Worth Independent School District to develop, implement, and evaluate a comprehensive education, research, and outreach program to promote health weight. Partners for this project include: United Way FitFuture, Fort Worth Independent School District, City of Fort Worth, and Texas Parks and Wildlife. The multidisciplinary, community-based approach will build on the strengths of families and communities to achieve this goal.

**Recovery, Recycle, and Reuse (R3) of DOE Metals for DoD**

\$2.72 million

e-PEAK Inc.

311 Diamond Oaks Drive

Weatherford, TX 76087

Funds will be used for an efficient, low cost method of obtaining lightweight specialty metals that are used in advanced armors, vehicles, and weapon systems. It provides technologies that allow for the safe, secure, and environmentally sound recovery and reuse of more than one million tons of discarded metals currently stockpiled at Department of Energy facilities.

**Remote Aiming and Sighting Optical Retrofit (RASOR)**

\$3.04 million

L-3 Electro-Optical Systems Division

3414 Herrman Drive

Garland, TX 75041

RASOR will significantly extend the service life of the currently fielded AN/PVS-14 NVD, while accelerating the fielding of next generation mission essential imaging technology. RASOR will allow the Marine to maintain positive control by keeping both hands on the weapon, and fully operate the weapon in a stand-off fashion with increased safety, mobility, and agility, while reducing the combat load. The user will be able to see around corners without being exposed to enemy fire and remotely view weapon sight imagery. Situational awareness will be improved as well as the ability to detect, recognize, identify, and accurately engage targets. RASOR will significantly increase the user's survivability and mission effectiveness.

### **Replace Joint Base Communications Building**

\$6.17 million

U.S. Navy Reserve

Naval Air Station – Joint Reserve Base Fort Worth

Fort Worth, Texas

Building 1730, the existing base communications building, was built in 1951, and it will not accommodate growth requirements for the terminal/switch room, which threatens a loss in communication functionality base-wide. These funds will be used to provide adequate facilities to house and support the communications hub for NAS JRB Fort Worth. The terminal/switch room in this facility provides the single connecting point for all on-base communications and their interface to all off-base systems. The Navy and the Air Force have personnel in this facility and manage communications systems for all of the tenant commands. The base has seen increases in communication volume due to links with off-site data systems and new tenants, as well as increased information security requirements. These conditions force increases in the amount and complexity of the equipment.

### **State Courts Improvement Initiative**

\$500,000

National Center for State Courts

300 Newport Avenue

Williamsburg, Virginia 23185

This project impacts state courts and those served by the state courts across Texas and the United States. Funding would enable National Center for State Courts to offer increased support services in three key areas: (1) Knowledge Information Services, which acts as a library and clearinghouse service for state court personnel and congressional staff; (2) Education and Technical Assistance for judges and court personnel struggling to interpret and apply federal policy and promote a more effective administration of justice; and (3) National Court Initiatives and Research, which would help the state courts identify and meet daunting challenges in top priority initiatives, such as immigration, terrorism, healthcare, emergency preparedness, global epidemics or pandemics, foreclosures, habeas corpus, and court security. Funding will facilitate more timely resolution of civil and criminal cases, help reduce the cost of litigation, improve access to court services and improve the quality and experience of jury service.

### **Texas Health Harris Methodist Fort Worth Hospital Palliative Care Unit**

\$300,000

Texas Health Harris Methodist Hospital Fort Worth

1301 Pennsylvania Avenue

Fort Worth, Texas 76104

Funds will be used for the renovation and construction of a 16-bed palliative care unit. Palliative care is healthcare that specializes in the relief of suffering and the achievement of best possible quality of life for patients with advanced illness and their families. It is offered simultaneously with all other appropriate medical treatment. Caring for seriously ill patients,

including those near the end of their lives, in a hospital-based, specialty palliative care unit has been shown to reduce costs dramatically while, at the same time, provide more appropriate care to patients in their final days. The Palliative Care Unit at Harris Methodist Fort Worth Hospital will offer up to 1,200 patients and families a year a total continuum services that may include pain management, psychological and spiritual care and a support system to sustain and rehabilitate the patient's family. These will be patients with complex medical conditions as well as seriously and terminally ill patients.

### **Training Texans for Advanced Manufacturing Jobs**

\$500,000

Community Learning Center, Inc.

6300 Ridglea Place

Suite 600

Fort Worth, Texas 76116

Through partnerships with industry, business, government, schools, community organizations and labor, Community Learning Center (CLC, Inc.) provides model educational, training, and employment services designed to lead to better jobs and careers for Texans who need and want them most. CLC, Inc. promotes employment by unemployed and underemployed Texas residents in need of high quality, family supporting jobs. CLC, Inc. programs are designed to respond to skills shortages and to upgrade skills training.

Funding will help CLC, Inc. pay for expanded training courses offered at CLC's Training and Education Center in Fort Worth. CLC offers advanced job training for people with disabilities, dislocated and incumbent workers, poor and excluded job seekers, youth offenders, TANF recipients, and people with low basic skills and limited English proficiency. By providing skilled workers who will fill employment needs of area manufacturers, CLC, Inc. will help retain business and industry in the Dallas Fort Worth area.

### **Trinity River Vision, Fort Worth, TX**

\$500,000

City of Fort Worth, TX

1000 Throckmorton Street

Fort Worth, TX 76102

The aging levee system is no longer adequate to provide protection an area adjacent to downtown Fort Worth that is undergoing revitalization. The Army Corps of Engineers recommends in the final Environmental Impact Statement an integrated, comprehensive solution for flood control in this area to include transportation, environmental restoration and community redevelopment components in constructing a 1.5 mile flood-control bypass channel. These funds will be used for property acquisition for land that will be needed to construct the bypass channel and bridges over the Trinity River. Local cost share is \$15 million.

### **Upper Trinity River Basin**

\$269,000

U.S. Army Corps of Engineers  
Fort Worth District  
819 Taylor Street  
Fort Worth, TX 76102

Preliminary watershed-wide feasibility investigations identified 88 measures for more detailed study in the Upper Trinity River Basin. Subsequently, seven interim feasibility studies have been initiated with 11 cities, one county, and one special district to undertake more detailed studies for the purposes of addressing flood risk management, ecosystem restoration and recreation opportunities within these areas. FY2010 funds would be used to continue the Big Fossil Creek Watershed Interim Feasibility Study and to begin the Village Creek Feasibility Study in Kennedale, TX.

### **Vision Integrating Strategies in Ophthalmology and Neurochemistry (VISION)**

\$4 million

University of North Texas Health Science Center  
3500 Camp Bowie Blvd  
Ft Worth, Texas 76107

The research performed by the VISION team will target the various causes and effects of visual damage resulting from both ocular injuries and eye exposure to the elements during combat operations. This research will ultimately be used to develop compounds and novel therapeutic strategies to more quickly return an injured warfighter to his unit.

### **Women In Military Service For America Memorial**

\$1.6 million

Women In Military Service For America Memorial Foundation  
200 N Glebe Rd Ste 400  
Arlington, VA 22203

The Women In Military Service For America Memorial, under the purview of the Memorial Foundation, at the gateway to Arlington National Cemetery, is the only major national Memorial and Education Center paying tribute to all women who have served in our armed forces beginning with the American Revolution through those now serving. The Foundation and Memorial are important to the Department of Defense and the nation in telling the story of women's service and presenting it to the public. This is a chapter of military history previously not told or at best marginalized. A legacy of nearly two and a half centuries of women's contributions to our national defense has been shaped and women helped to take their rightful place in history. With women now comprising 15 percent of our Armed Forces, this is increasingly important. The Foundation is a source of strong, positive female role models for young boys and girls. About 200,000 people from around the world visit the Memorial each year and some 2.0 million have visited it to date. The Memorial and the Foundation with its unique archive and collection of artifacts is one of the Nation's treasures.