

## Earmark Requests for Fiscal Year 2009

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#### Molecular Switch Vaccines for Biodefense and Cancer

\$4,700,000

Development of vaccines to support combat operations, to mitigate acts of terrorism, and to improve the general health and treatment of the DOD-wide population of military personnel and their dependents is a DOD priority. ANZA has developed a novel vaccine platform technology that combines the safety of a killed vaccine with the efficacy of a live vaccine to stimulate the body's immune response. Over \$60 million of private funds have been invested. Molecular switch technology selectively blocks the ability of a vaccine organism to cause disease, yet allows a robust immune response against any selected pathogen. Vaccines can treat active diseases like cancer and chronic infections. Funds support continued pre-clinical development activities, manufacturing scale-up and toxicology studies necessary for advancement to human clinical trials of molecular switch vaccines against bio-terror agents, and therapeutic vaccines for chronic infections (such as Hepatitis C) and cancer. Funds will develop novel, effective vaccines for diseases that represent a significant risk to U.S. forces and other military personnel deployed to high-risk areas around the globe, as well as to DOD dependents.

#### Strategic Language Initiative

\$3,496,500

Global crises in the past few years have highlighted the critical need for strategic and diplomatic expertise in major world languages, as well as less spoken languages of global "hot spots"; recent deployment of military forces has underlined the essential role of linguists with the capability to communicate with multilingual populations and provide translation, interpretation and cultural competencies in the field, in strategic planning and intelligence. In addition, the U.S. Departments of Defense and State have called for a collaborative federal and academic effort to fill critical national foreign language shortfalls. Largely untapped resources for these needs are the large heritage communities extant in metropolitan areas in both southern and northern California. This project would support accessible strategic language programs in both northern and southern California.

## Homeland-Defense Operational Planning System

\$6,900,000

The Homeland-Defense Operational Planning System (HOPS) is the California National Guard's planning tool for defending California's critical infrastructure and for responding to Weapons of Mass Destruction (WMD) attacks by terrorists. HOPS was developed at Lawrence Livermore National Laboratory (LLNL) and harnesses the scientific expertise of the Laboratory to support the homeland defense mission in way that is directly relevant to operators in the field. Funding for HOPS will help systematically determine key vulnerabilities in the state's critical infrastructure, particularly as it pertains to the ability of the US Armed Forces to deploy and to the US Defense Industrial Base. It will also help first responders better plan for the consequences of a WMD incident in California.

## Bay Area Language Technology Innovation Center (BALTIC)

\$4,500,000

BALTIC will be a single point of contact for government and industrial information requirements about human language technology in the Bay Area. BALTIC will educate and promote a new generation of specialists, and reduce the risk for the military that is dependent on information technology, alleviate the shortage of cleared scientists in human language technology, and serve as a catalyst for effective worldwide collection of information about language technology. The BALTIC program will include internships with the Department of Defense and Intelligence Community for work on language learning, thus linking government and industry, as well as strengthening education in human language technology.

Improved EFP and IED protection, testing, modeling and proving using LAS glass ceramics at obliquity and in multiple layers

\$6,000,000

Funding will rapidly develop and field a new line of transparent armor for vehicle use for threats such as large IEDs and EFPs based on ceramic crystal filled glass and composite systems that exhibit extraordinary performance at very light weight against a range of projectiles.

## Measuring and Protecting Against Traumatic Brain Injury from IEDs

\$6,000,000

This project will conduct research to model how blast waves from IED explosions cause

traumatic brain injury to war fighters and develop devices and equipment to mitigate the damage. While improved body armor is helping U.S. troops to survive IED attacks, many are suffering traumatic brain injury (TBI), from the blast. Some military doctors say TBI has become the "signature wound" of the Iraq war. TBI is difficult to recognize as it is often a "closed" brain injury with no penetrating wound. Although much work has been done modeling blast effects to the chest, effective models of how blast affects the brain have not yet been developed, and no technology exists for easily detecting those effects.

Demonstration/Evaluation project at Travis Air Force Base, California, to develop a greenhouse gas inventory and footprint utilizing a web-based Environmental Management Information System (EMIS)

\$500,000

The DoD is required by various Executive Orders to establish functioning environmental management systems and greenhouse gas inventories at its military installations. Travis Air Force Base faces many of the environmental challenges any military installation encounters, but with a higher degree of emphasis on air emissions from aircraft operations, and hazardous waste issues from the extensive use of solvents and cleaners used in the aircraft maintenance process.

Recognizing the shortfall in existing environmental compliance management systems, the National Defense Center for Environmental Excellence (NDCEE) was tasked to demonstrate and evaluate a web-based EMIS for managing environmental compliance reporting, planning, and monitoring and integration. This program would expand existing EMIS demonstration/evaluations being conducted at other installations to include Travis Air Force Base.

Advanced  
Performance for Military Helicopters - Laser Peening

\$3,100,000

Fatigue stress limits are an important constraint in the design and operation of structural and dynamic components of rotorcraft. Fatigue limits must be taken into account to ensure safety in operation but consequently limit helicopter payload and maneuverability. Laser peening can enhance the performance of Army rotorcraft drive systems by increasing the fatigue strength of the gears, bearings and housings. Preliminary work with FY06 funding for laser peening evaluations on Army helicopter transmission gear materials and designs of interest is showing great results at a single gear level. Continued funding in FY09 will enable the Army to perform full-scale gear dynamic testing that will lead to deployment of enhanced drive system for the Blackhawk helicopter to achieve desired performance goals.

Alameda  
Creek Watershed Project

\$1,750,000

Arroyo de la Laguna is the main tributary to Alameda Creek, the second largest drainage to the San Francisco Bay, with total watershed encompassing approximately 700 square miles. Rapid erosion has adversely affected on-site wildlife habitat and continues to degrade upstream and downstream habitat. This funding would complete the second and final phase of the project and would further demonstrate the use of bioengineered stream restoration practices that will focus on the control of stream flow within the Arroyo de la Laguna. The project is part of a collaborative effort by local, state, and federal agencies, organizations, landowners and special interest groups to restore the proper functioning condition of the entire upper Alameda Creek Watershed.

Antioch  
Law Enforcement Mobile Command Post

\$500,000

Funding for a mobile command post for the City of Antioch will offer an enhanced response to natural disasters, terrorism incidents and offer increased safety to the community and region of East Contra Costa County.

ARIES  
Regional Integrated Justice System on behalf of Contra Costa County

\$1,000,000

The Regional Integrated Justice System project (ARIES) will provide criminal intelligence information to first responders from local law enforcement agencies, as well as share specific criminal justice and anti-terrorism data among contiguous counties in Northern California for a safer, more efficient and effective criminal justice system.

Bay Area  
Rapid Transit (BART) Earthquake Safety Program

\$3,000,000

The purpose of the Program is to reinforce and strengthen trackway and facilities, increase safety, protect the substantial public investment in BART, and maintain services in the aftermath of the next major earthquake centered at or near the urban core of the Bay Area.

Bay Area

Regional Desalination Project on behalf of the Contra Costa Water District, East Bay Municipal Utility District, San Francisco Public Utilities Commission, and Santa Clara Valley Water District

\$4,000,000

The Bay Area's four largest water agencies are jointly exploring the development of regional desalination facilities that would benefit over 5.4 million Bay Area residents and businesses served by these agencies. The Bay Area Regional Desalination Project could consist of one or more desalination facilities, with an ultimate total capacity of up to 65 million gallons per day.

Bay Area  
Ridge Trail

\$200,000

The Bay Area Ridge Trail is a proposed 550-mile continuous path that will run along the ridgelines around San Francisco Bay for hikers, bikers, and equestrians. Today, 310 miles of the trail are complete. These funds would be used to plan, design, and build new trail. Priority would be given to trail projects that demonstrate alternative transportation potential, improve safety, and enhance community connectivity.

Bay Area  
Water Recycling Program

\$20,600,000

The Bay Area Water Recycling Program is a collaborative effort of Bay Area agencies committed to providing much needed recycled water infrastructure.

Children's  
Hospital and Research Center at Oakland: Integrated Patient Electronic Records System

\$1,250,000

This project will fund an Integrated Patient Electronic Records System, which will move medical records from paper to electronic files, a change that will improve medical care while creating significant cost savings.

Clean  
Technology Program at Los Positas Community College

\$500,000

Las Positas Community College is seeking to create a Clean Technology Training Program. This economic development center would encourage and support the workforce pertaining to the emerging clean technology industry.

Contra  
Costa Canal

\$10,000,000

The project will strengthen the Contra Costa Canal to ensure reliable delivery of water and increased flood protection in the surrounding area that is undergoing rapid residential growth. The project will replace four miles of the federally-owned Contra Costa Canal with a buried pipeline to improve flood protection, increase public safety, and improve drinking water quality. The new pipeline will be installed within the Bureau of Reclamation's property. The project also would result in benefits to special-status threatened and endangered fish by eliminating habitat favored by predatory fish.

Contra  
Costa County Safe & Bright Futures for Children Exposed to Domestic Violence

\$750,000

This project would implement a federally-funded plan to create a system in Contra Costa County to diminish the damaging effects of domestic violence on children and adolescents and to stop the cycle of intentional injury and abuse.

Delta  
Advanced Treatment Demonstration Project

\$625,000

The Delta  
Advanced Treatment Demonstration Project funds research into water treatment—including new technologies to examine methods for producing safer drinking water with new and existing disinfectants and advanced filtration—in the Sacramento-San Joaquin River Delta, a source of water for 25 million Californians.

East Bay  
Regional Communications System

\$3,000,000

The experience of both the Oakland Hills Firestorm and the Loma Prieta earthquake demonstrated firsthand that the patch-work of disparate public safety communications systems in both Alameda and Contra Costa counties is an obstacle to effective emergency response. To prevent future communications failures, the Authority plans to build and operate a state-of-the-art P25 compliant communications system for the public agencies within the two counties.

Eastern  
Contra Costa Transit Authority Park-and-Ride Lots

\$3,000,000

Funding  
would allow ECCTA to construct two park-and-ride lots, allowing passengers traveling west to job centers in the greater San Francisco Bay Area and south to the Tri Valley area to transfer to buses and continue stops to Silicon Valley, reducing traffic congestion.

Eden  
Housing Digital Connectors Program Expansion

\$413,548

Eden Housing Digital Connectors program expansion project will expand a successful program training at-risk youth in affordable housing developments to bridge the digital divide in low-income communities in Alameda and Contra Costa Counties. With their new skills, Digital Connectors volunteer in their community to provide technical support in public venues, such as libraries, and provide free in-home tech support for their low-income neighbors.

Eden Housing After School Program

\$495,934

Eden Housing, a non-profit affordable housing and social service organization, operates after school programs throughout the Bay Area. This project will allow an expansion of the programs to serve additional families.

EI  
Campanil Theatre on behalf of the City of Antioch, CA

\$350,000

Renovation  
of the EI Campanil Theatre in Antioch will serve as the cornerstone of the redevelopment of Historic Rivertown District.

City of EI  
Cerrito After School Program

\$300,000

The City  
of EI Cerrito has been operating after school programs for more than thirty years. This project will allow an expansion of the programs to serve additional low income families.

Fairfield  
Interoperability Project

\$3,000,000

This project will allow the City of Fairfield to continue designing, purchasing and constructing radio equipment and facilities for a nine-agency regional interoperable public safety radio communications system.

Fairfield  
Transportation Center Phase IV Project

\$2,000,000

This project will increase the commuter parking at the Fairfield Transportation Center, which serves commuters in central Solano County by providing parking for intercity transit riders, vanpool users, and carpool users—ensuring that commuters have viable alternatives to using single occupancy vehicles to commute to work.

Fairfield/Vacaville Intermodal Station on behalf of the Solano County  
Transportation Authority

\$2,500,000

The project will provide basic automobile, bus, vanpool, bicycle, and pedestrian access to Capitol Corridor Rail Service, improving ridership throughout the San Jose-Oakland/San Francisco-Sacramento-Auburn corridor.

AF Reserve  
C-17/C-5 Squad Ops

This project would construct a two story 42,000 square foot facility to support C-5 and C-17 flying squadrons of the 349 Air Mobility Wing. Unlike the active duty wing, the 349th Reserve Wing does not currently have a facility to support the bed down of the C-17 at Travis. Despite its significant role in military missions around the world, the reserve wing continues to operate in substandard buildings and temporary trailers.

This project was developed in coordination with Air Mobility Command and as part of a facility plan to support the bed down of C-17 at Travis. This project will provide space for flight crews and administrative support personnel along with flight line maintenance personnel for both flying squadrons. Space will be provided for mission planning, scheduling, tactics, pilot and loadmaster workspace, along with storage and locker room facilities.

Fire Crash  
Rescue Station

\$11,900,000

This project would provide a properly located, sized, and configured Large Fire Crash Rescue Station; a station that will house all firefighting equipment and crews of the central station; a central fire alarm system, command and control; and quarters for 24-hour crews.

Authorization to fund this project was included in the FY07 Defense Authorization Act. Additionally, the Senate Appropriations Committee approved full funding for this project. Due to the funding constraints of the FY07 Continuing Resolution, final funding of the Large Fire Crash Rescue Station was not approved. This project remains the base's number one unfunded priority for FY09.

I-580 HOV  
Lane Construction in Alameda County

\$10,000,000

The project adds HOV lanes and provides for related improvements to the I-580 corridor in the Livermore Valley.

Jepson  
Parkway on behalf of the Solano Transportation Authority

\$5,000,000

This project will upgrade and link the narrow substandard local roads that now provide access to the North and South Gates of Travis Air Force Base, adjacent job centers, neighborhoods, and schools, and will upgrade a Union Pacific Railroad Crossing.

Lifecycle  
Replacement of Security Technologies in the Nuclear Weapons Complex

Preserve  
President's Budget Request

The NNSA

complex needs a multi-year plan to upgrade and modernize security technologies across the complex. A complex-wide assessment of the maintenance status and age of security equipment throughout the complex is required to develop this plan.

Livermore

Amador Valley Transit Authority (LAVTA) Route 10 Bus Rapid Transit Project

\$8,000,000

Funding

would be used for a Bus Rapid Transit (BRT) project that will reduce congestion on Interstate 580 by providing a rapid transit alternative for commuters traveling through the Tri-Valley region by connecting the BART Dublin/Pleasanton station to the Lawrence Livermore National Laboratory via downtown Livermore.

Livermore

Amador Valley Transit Authority Satellite Maintenance, Operations, and Administrative Facility

\$2,000,000

The

facility will house the maintenance and operations functions associated with LAVTA's fixed route bus service and buses that service CCCTA routes extending into San Ramon, Danville, and Pleasanton.

The Los

Vaqueros Reservoir Expansion Studies program on behalf of the Contra Costa Water District

\$274,881

Expansion

of Los Vaqueros Reservoir would help develop replacement water supplies for a fisheries protection program such as the Environmental Water Account or a similar program; Improve the reliability of Bay Area water supplies especially during droughts and emergencies; Improve the quality of Bay Area water supplies delivered from the Delta especially during droughts and in late summer/fall months, despite deteriorating Delta water quality.

Lower

Walnut Creek project

\$300,000

#### The Lower

Walnut Creek Project is a reevaluation study of a channel constructed in the 1960s by the U.S. Army Corps of Engineers that incorporates a new way of approaching the traditional methods of operating and maintaining a flood control facility. The Flood Control District has been working with the Army Corps since 2002 to complete the reevaluation study. In 2007, the Corps placed the project on the national list of "Levees of Maintenance Concern" and gave the Flood Control District one year to correct the project deficiencies. These project deficiencies can only be corrected when the study is complete, so it is essential to receive full funding for this year.

#### Memorial

Field Expansion Project

\$1,900,000

#### Memorial

Field is a high-use sports field facility located in central Antioch adjacent to Park Middle School; the project will expand an existing lighted baseball/softball field and allow for the placement of artificial turf.

#### Mokelumne

Trail Bicycle/Pedestrian Overcrossing at State Route 4 Bypass

\$4,000,000

#### This project

consists of the construction of a bicycle/pedestrian overcrossing of the State Route

#### 4 Bypass

(eight-lane freeway with transit in the median) in eastern Contra Costa County, CA.

#### Construction

of the Bypass severed the proposed route for the Mokelumne Trail and this project will provide continuous access to the Trail. Funding will be used to construct a multi-span bridge over State Route 4 Bypass.

#### The Mount

Diablo Mercury Mine Clean-up Project

\$483,000

#### This phase

of the project will complete the preliminary design and planning studies for cleaning up the Mount Diablo Mercury Mine in the Marsh Creek watershed. The funding will be used in the development of model agreements and processes that can be utilized by other mine clean-up projects throughout the nation.

Facility-Free Hydro-test Capability: Portable X-ray Radiography for the Stockpile

\$9,000,000

This project would fund Lawrence Livermore National Laboratory research into designs of miniaturized accelerators for the purpose of developing a portable x-ray radiography capability to support NNSA's stockpile stewardship mission, its complex transformation plans, and provide a unique tool for NNSA's nuclear counterterrorism mission.

National Ignition Campaign (NIC) &ndash; Facility Operations and Target Production

\$14,600,000

The National Ignition Campaign is a national effort led by Lawrence Livermore National Laboratory involving multiple DOE laboratories, universities, and private industry to achieve fusion ignition in the laboratory for the first time in world history and cement the U.S. leadership position in inertial confinement fusion research. The Ignition Campaign is a critical element of NNSA's stockpile stewardship program to support the U.S. nuclear test moratorium while maintaining confidence in the U.S. nuclear deterrent.

NIC funding will support approximately 900 - 1000 people directly associated with facility and experimental operations per year in California. 300 - 400 personnel will be supported at the NIC Partner locations (primarily in New Mexico and New York). Personnel include Physicists, Engineers, and Technicians supporting facility and experiment planning, operations and analysis. Additionally University and Academic personnel will be involved and benefit from these experiments. The additional funding requested here is required to maintain the development schedule supporting the integration of diagnostics, cryogenic system and targets for the NIC.

De-inventory of special nuclear material from LLNL

\$10,000,000

SNM de-inventory at LLNL is aimed at meeting the national security goal of consolidation of nuclear materials throughout the NNSA complex. The current goal is to accelerate these efforts with dedicated funding for this purpose in order to enable reduced inventory at LLNL of SNM to Category III levels. The FY09 President's Budget request for LLNL RTBF Operations of Facilities only

covers the compliant operations of nuclear and high hazard facilities without additional funds to support de-inventory activities. Funding is required to increase processing capabilities to safely and appropriately package and prepare excess special nuclear material stored currently at LLNL for safe shipment to the Savannah River Site. A reduced SNM inventory will reduce the required security expenditures at LLNL by about \$35,000,000 per year once Category III protection levels are reached. This project provides funding for continuing SNM de-inventory from the LLNL site to meet the 2012 goal of reaching a Category III SNM protection level.

Nut  
Tree Airport Improvement Project

\$6,375,000

The  
project will provide improvements to the runway and taxi lanes, the hangar, and the North end approach at the Nut Tree Airport in Solano County, California.

Phase UU  
funding of M-65 Bismaleimide (BMI) Carbon Fiber Prepreg

\$5,000,000

The  
currently qualified BMI system on the F-22 and F-35 is a very low viscosity resin that exhibits a high percentage of resin flow during cure. With this new controlled flow technology that the funds will help provide, cured part thicknesses can be kept consistent eliminating the need for post machining and shimming for current and future composite aircraft parts. This can save over 60% of the manufacturing cost and 40% of the delivered structure cost. The increased out time of M65 BMI allows larger parts to be built, rather than a series of smaller parts thus requiring additional assembly costs.

The Place  
to Be After Three After-School Program, Fairfield, CA

\$300,000

The Place  
to Be After Three (TP2B) program offers an after school program at local middle schools at no cost to the participants, most of whom are low-income.

Pleasant  
Hill Road Corridor Safety Improvements

\$1,464,000

This project will complete Phase 2 of the multi-modal improvements to Pleasant Hill Avenue in

Lafayette, CA.

Funding would be used to provide narrowed vehicle lanes, Class 2 bike lanes, tree-line landscaping buffer strips, and ten feet wide multi-purpose paths.

Police  
Department Wireless Mesh Network on behalf of the City of Antioch, CA

\$300,000

This project provides basic infrastructure for a citywide wireless network, which would allow police officers in the field the ability to instantly and securely transmit and receive information, reports, photos, and critical crime-fighting data using a secured municipal mesh network throughout the city.

San  
Francisco  
Airport Control Tower

\$2,000,000

The project would provide for the preliminary design and engineering study for a new seismically sound tower facility at San Francisco International Airport .

The San  
Francisco to Stockton (JF Baldwin) Ship Channel Deepening.

\$1,400,000

A General Reevaluation Report (GRR) was initiated in July 2002 to further investigate the potential for deepening a section of the navigational system from San Francisco Bay to the Port of Stockton. Originally authorized for a deepening of ten feet, the project is now being contemplated for a five-foot deepening only, due to constraints associated with a ten-foot deepening.

Funding would be used to complete the project's reevaluation, including detailed channel design, a Supplemental Environmental Impact Statement/Report, cost analysis, additional numeric modeling and a current evaluation of dredged material

disposal options.

San Pablo  
Avenue Transit and Arterial Operations Improvements

\$2,000,000

This project  
will enhance the current Transportation Management System along the San Pablo

Avenue  
Corridor, including I-80, in Oakland and Berkeley, CA. Funding will be used to purchase intelligent transportation systems, including closed-circuit television cameras, vehicle detection devices, and integration of arterial traffic signals. This project will reduce congestion and improve air quality on the most congested corridor in the San Francisco Bay Area.

San Pablo  
Bay/Pinole Shoals/Mare Island Strait Maintenance Dredging

\$3,790,000

The Pinole  
Shoal Channel, located in San Pablo Bay, is a major arterial for vessel transport through the San Francisco Bay region. The channel was regularly dredged until the closure of Mare Island Naval Base in the mid-1990s. Since then, it has been difficult to keep the channel dredged annually. Dredged material will be used to re-create historic wetlands at the Hamilton Airfield in Novato, when this site becomes available, or may be used to rehabilitate levees in the Sacramento-San Joaquin Delta.

The San  
Ramon Valley Water Recycling Project

\$4,000,000

The San  
Ramon Valley Recycled Water Project is an on-going authorized construction project that will provide a reliable alternative recycled water supply that will conserve sufficient high quality drinking water supplies to meet the needs of more than 30,000 people within the EBMUD and Dublin-San Ramon Services District service areas in Alameda and Contra Costa counties.

Solano  
County Agriculture Sustainability Program

\$100,000

Solano County is currently under a USDA-mandated quarantine as the result of a parasitic fruit fly infestation in September 2007. This project would help develop new crop alternatives for the region that will facilitate greater crop diversity and parasite resistant planting. Moreover, this project will address local land-use and conservation. The grower education portion of the project teaches small business growers how to market their crops, prevent pest infestation, grow sustainably, and implement nature tourism that shows the wider community where food comes from, how that food affects nutrition, and how consumers can contribute to sustainability.

Solano  
County Probation Department&mdash;Enhanced Supervision of High-Risk Offenders Program

\$93,988

The Solano County Probation Department is requesting funding to continue a program to improve community safety by providing enhanced monitoring of high-risk criminal offenders including increased search operations and GPS monitoring devices.

Solano  
County Sheriff&rsquo;s Office &ndash; Gang and Methamphetamine Enforcement Team

\$450,000

The Solano County Sheriff&rsquo;s Office is proposing to expand two multi-jurisdictional enforcement teams&mdash;one for methamphetamine and one for gangs. The programs identify, investigate, arrest, and assist in the prosecution of individuals who are involved in methamphetamine-related and/or gang-related crimes.

Solano  
Express Bus Replacement

\$2,000,000

This project  
will replace four retired diesel buses with alternative fuel buses within the

Solano Express  
fleet in Solano County, CA. The buses will be used for intercity transit between

Sacramento and  
Fairfield, which has experienced a 140% passenger increase since 2001.

SR 4/Main  
Street Transition

\$2,000,000

Funds will be used to widen Main Street from the Highway 160 interchange to Big Break Road from four lanes to six lanes, increasing the outside shoulder, and adding a median island with left turn pockets, in order to serve peak demand in the years ahead.

The Suisun  
Bay Channel, New York Slough Maintenance Dredging project

\$6,136,000

This project is for maintenance dredging of the Suisun Bay Channel and New York Slough Channel to their authorized depth of minus 35 feet. Continued maintenance of these channel sections is essential to the continued safe transport of crude oil and other bulk materials through San Francisco Bay, along the Carquinez Strait and into the Sacramento-San Joaquin Delta.

Town of  
Locke Boarding House Restoration Project

\$750,000

The Locke Boarding House, built in 1915 and once home to Chinese immigrants who worked as farmers and merchants in the Sacramento River Delta, will serve as a museum and visitor center.

Tri-Delta  
Park and Ride Lots

\$3,000,000

This funding would be used to purchase land for two park-and-ride lots in Contra Costa County,

CA. The upcoming e-BART extension into Contra Costa County will eliminate two current park-and-ride lots, requiring their replacement.

Tri-Valley  
Housing Opportunity Center, Foreclosure Prevention Program

\$2,600,000

The Tri-Valley Housing Opportunity Center would use funds to increase the homeownership rate for first-time buyers in eastern Alameda and Contra Costa Counties. The five Cities of the Tri-Valley now make up one of the costliest housing markets in the nation.

Walnut  
Creek Basin (Grayson & Murderer's Creek) project

\$600,000

The project is an on-going Feasibility Study by the Army Corps of Engineers of unimproved Grayson Creek and Murderer's Creek in the cities of Pleasant Hill and Walnut Creek. The study is intended to determine the economic justification for a federal flood control project to mitigate flooding in the Pleasant Hill area. This project responds to concern for flooding in a neighborhood where approximately 400 homes were recently added to the 100-year floodplain maps by FEMA.

West  
Antioch Creek Flood Control Project

\$1,000,000

This project will improve flood protection in a commercial and multi-family residential area in the city of Antioch, in an area that experiences annual flooding.