



FISCAL YEAR 2010 APPROPRIATIONS REQUESTS

Congressman Joe Courtney -- Second District, Connecticut

Below is Congressman Joe Courtney's list of appropriations requests for Fiscal Year 2010. These requests were submitted to Congressman Courtney's offices by organizations, local governments, state agencies, and businesses for consideration during the annual federal appropriations process. It is common for projects to be funded at lower levels than requested, and in many cases, the House Appropriations Committee will decide not to fund many of these projects.

Project: 150 Shaft Horse Power Scalable UAV Engine

Proposed Recipient: United Technologies Corporation (UTC); 411 Silver Lane, East Hartford, CT, 06108

Amount Requested: \$5,000,000

Description: Requested funding would develop a 500 horsepower Unmanned Air Vehicle (UAV) engine that burns logistic/heavy fuel, has high power to weight, low fuel consumption and high durability/reliability. This project would provide the Department of Defense with a UAV engine with reduced support costs increased durability, thereby ensuring that these critical assets are better able to support the needs of our commanders in the field.

Project: Advanced Affordable Turbine Engine (AATE) Program

Proposed Recipient: United Technologies Corporation (UTC); 400 Main Street, East Hartford, CT, 06108

Amount Requested: \$6,000,000

Description: Requested funding would be used to develop and test a new engine for US Army Blackhawk helicopters. This project would help achieve the U.S. Army's goal of developing the next generation utility and attack helicopter 3,000 shaft horsepower attack helicopter engine with reduced fuel consumption, increased lift capability, reduction in production and maintenance costs, while fitting in existing UH-60 Blackhawk and AH-64 Apache Aircraft.

Project: Alternative Power System Testing for Innovative Sensor Delivery and Deployment Concepts

Proposed Recipient: Promare; 4 Water Street, Chester, CT, 06412

Amount Requested: \$5,000,000

Description: Funding will be used to conduct testing of a hybrid lithium-ion battery / Fuel Cell power system to power small manned and unmanned submersibles. The US Navy Unmanned Underwater Vehicles Master Plan has identified the development of advanced power systems as a vital requirement for the development and deployment of long endurance, persistent, unmanned underwater vehicles. Fuel cells will be key to providing the necessary endurance for future submersibles, and further research in this area is critical to the Navy's emerging energy needs.

Project: Automated Readiness Measurement System (ARMS)

Proposed Recipient: DDL OMNI Engineering LLC; 40 Wisconsin Avenue, Suite 2, Norwich, CT, 06360

Amount Requested: \$2,000,000

Description: Requested funding will be used to continue the development of the Automated Readiness Measurement Software (ARMS) in support of the Undersea Warfare Decision Support System (USW DSS). Readiness measurement/assessment remains a top priority throughout the Department of Defense and is critical to determining the optimal employment of forces. The Navy is focused on the improved readiness of vessels and strike groups, as well as the development of corresponding assessment tools. Requested funding supports this goal the goals maintaining readiness at the highest possible level reducing costs requires an innovative approach to training.

Project: Avery Point Technology Incubation Center

Proposed Recipient: University of Connecticut; 352 Mansfield Road., Unit 2048, Storrs, CT, 06269

Amount Requested: \$2,000,000

Description: Requested funding would be used to expand the space and activities of the UConn Technology Incubator facility at Avery Point to allow the University to serve more aspiring start up companies. The University's existing Technology Incubation Program (TIP) sites at Avery Point, Storrs and Farmington are oversubscribed and there is not enough space for new start-up firms. Avery Point we can currently offer only a 2,500 square foot area of laboratory facilities with offices across the hall which is available for use by TIP companies. This project would help achieve the economic recovery and development goals of the region, state and nation by providing critical early support for technology-oriented small business start-ups.

Project: Boombridge Road Bridge Replacement

Proposed Recipient: Town of North Stonington; 40 North Main Street, North Stonington, CT, 06359

Amount Requested: \$500,000

Description: Requested funding would be used for the restoration and reconstruction of the Boombridge Road bridge crossing the Pawcatuck River between North Stonington, CT and Westerly, RI. The bridge has been closed due to its severe state of deterioration and disrepair has led to its closure. All traffic is now required to be completely re-routed. This project is a high priority for the southeast region, due to its impact not only locally in North Stonington, but to the commerce that occurs between Rhode Island and Connecticut. The States of Connecticut and Rhode Island, as well as the Towns of Westerly, RI and North Stonington, CT are all contributing towards the cost of this project.

Project: Cedarwoods Supportive Housing Project

Proposed Recipient: Common Ground; 129 Church Street, Suite 412, New Haven, CT 06510

Amount Requested: \$1,000,000

Description: Requested funding would be used to support design and site work for a new 56-unit facility to replace the Windham House in Willimantic. The new facility will have units designated for supportive housing for individuals that need assistance in their daily lives or for individuals who are homeless, and low-income individuals. This project would address a critical lack of supportive housing in the region, as well as serve the needs of a population traditionally underserved by existing supportive service programs and resources.

Project: CELCP Addition to Barn Island Wildlife Management Area

Proposed Recipient: The Nature Conservancy; 55 High Street, Middletown, CT, 06457

Amount Requested: \$900,000

Description: Requested funding would be used to enable the purchase of a key 16-acre coastal property which is continuous with and adds to the exemplary Barn Island Wildlife Management Area. The protection of unique and biologically diverse open space is a critical element of the federal government's conservation goals.

Project: Center for Coastal Ecosystem Health

Proposed Recipient: University of Connecticut; 352 Mansfield Road., Unit 2048, Storrs, CT, 06269

Amount Requested: \$2,000,000

Description: Requested funding would be used to accelerate and expand ongoing UConn Marine Sciences work on monitoring the health of the Long Island Sound and developing tools to improve water quality and marine life. This project would provide a great understanding of the unique composition of the Sound, as well as providing with a needed research on the challenges faced by this regional and national treasure.

Project: Clinton Federal Channel Dredging

Proposed Recipient: Town of Clinton; 54 East Main Street, Clinton, CT, 06413

Amount Requested: \$1,500,000

Description: Requested funding would be used to remove approximately 47,000 cubic yards of shoal material in the main channel and anchorage area of Clinton Harbor. The channel has not been maintained since 2000 and without dredging, channel conditions will continue to deteriorate - interfering with the use of the harbor by recreational and commercial vessels. The dredging of the Clinton Federal Channel is essential for the safe passage of vessels in and out of Clinton Harbor.

Project: Common Command and Control System Module (CCCS)

Proposed Recipient: General Dynamics Electric Boat; 75 Eastern Point Road, Groton, CT, 06340

Amount Requested: \$9,000,000

Description: Requesting funding would begin development of a common command and control system module for use on Virginia Class (Block IV/V) submarines, SSGN, and Ohio Replacement submarines. This project would enable the Navy to maximize savings opportunities through common construction, test and maintenance processes among three classes of submarines.

Project: Connecticut River Watershed Study

Proposed Recipient: The Nature Conservancy; 55 High Street, Middletown, CT, 06457

Amount Requested: \$450,000

Description: Requested funding would be used to continue a hydrologic analysis of the Connecticut River watershed in Connecticut, Massachusetts, New Hampshire and Vermont. This project will enhance the ability of the U.S. Army Corps of Engineers (Corps) to manage their fourteen dams along the Connecticut River to provide more natural stream flows while maintaining authorized water supply, flood control and hydropower uses. Data from this Study will also assist decision making for future Federal Energy Regulatory Commission (FERC) licensing processes.

Project: Continuous Active Sonar (CAS) for Torpedo DCL Systems

Proposed Recipient: Alion Science and Technology, Inc.; 240 Oral School Road, #105, Mystic, CT, 06355

Amount Requested: \$5,000,000

Description: The requested funding is for initial development, demonstration and evaluation of a Continuous Active Sonar (CAS) system, which would provide the military with a high-performance sonar system that operates with lower power and smaller size. Successful development of this system would provide US Navy vessels with a previously unachievable self-defense capability against high threat torpedoes.

Project: Cooperative Agreement with Tufts University

Proposed Recipient: Tufts University

Cummings School of Veterinary Medicine; 149 New Sweden Road, Woodstock, CT, 06281

Amount Requested: \$750,000

Description: Requested funding would be used to enhance support a cooperative effort between Tufts' Tufts Ambulatory Service in Woodstock, University of Connecticut faculty and staff, the Connecticut Poultry Association, and local farmers to research new methods to reduce costs while maintaining premium quality by modeling sustainable energy production and less dependence on grain feeding, as well as more efficient use of our abundant pastures for meat and egg production. Project would advance federal support for innovation in agricultural methods while assisting local farmers adapt to new techniques and practices that provide high quality food and sustainable growth.

Project: Custom House Maritime Museum Roof Restoration Project

Proposed Recipient: New London Maritime Society/Custom House Maritime Museum; 150 Bank Street, New London, CT, 06320

Amount Requested: \$70,000

Description: Requested funding would be used to replace the roof of the New London Custom House. The building was designed 175 years ago by Robert Mills, the country's first federal architect and has served as the oldest continuously-operating custom house in the country. The Custom House Maritime Museum is New London's only free, year-round, downtown museum and serves as a real community center for exhibitions, educational programs, heritage research, and special events. This project would protect and preserve a landmark of community, cultural and national significance.

Project: Dual Enrollment Initiative for At-Risk Youth

Proposed Recipient: Eastern Connecticut State University; 83 Windham Street, Willimantic, CT, 06226

Amount Requested: \$520,000

Description: Requested funding would be used to support a group of 20 underrepresented, at-risk students participating in a unique dual enrollment program that allows them to understand the value of college and, eventually, graduate. Project would advance federal interest in supporting at-risk school populations at an early age, ensuring that they become productive contributing members of their communities.

Project: Eastern Connecticut Emergency Communications Network

Proposed Recipient: Quinebaug Valley Emergency Communications Inc.; 55 Westcott Road, Danielson, CT, 06239

Amount Requested: \$375,000

Description: Requested funds would be used to provide reliable radio and high speed data paths between remote

rural radio sites, a regional NextGen (digital) 911 office and first responders. This project would enhance 911 capabilities in eastern Connecticut, improve support to first responders, and increase the safety of residents in the region.

Project: Eastern Connecticut Small Business Incubator

Proposed Recipient: Chamber of Commerce of Eastern Connecticut, Inc.; 39 Kings Highway, Gales Ferry, CT, 06335

Amount Requested: \$1,600,000

Description: Requested funding would be used to purchase office, meeting and training space, provide office equipment, telephone, broadband internet access for a consolidated eastern connecticut commerce center that will support new small businesses. This center will also house up to ten small business startups (incubators) and a benefit center. This project would help support the economic development and recovery goals of the region, state and the nation by ensuring that emerging small businesses have the tools they need to start and thrive.

Project: Eastern Connecticut Wind Turbine Assessment Project

Proposed Recipient: Town of Windham; 979 Main Street, Willimantic, CT, 06226

Amount Requested: \$325,000

Description: Requested funding would be used to install a 200kw wind turbine on a town owned plot on Hosmer Mountain to determine the feasibility of utilizing wind power to address municipal energy needs as well as lowering energy costs to local residents. This project would explore the wider use of wind power as an alternative renewable source of energy that could both reduce energy consumption and costs locally, but lay the ground work for adoption of these technologies elsewhere in the state and nation.

Project: Eastern Long Island Sound Environmental Impact Study

Proposed Recipient: CT Department of Environmental Protection; 79 Elm Street, Hartford, CT, 06106

Amount Requested: \$5,000,000

Description: Requested funding will be used to undertake an Environmental Impact Study (EIS) regarding potential designation of the two eastern Long Island Sound disposal sites. This project is of particular relevance to the long term operational viability of water-dependent uses in the New London Harbor area, including critical US Navy and Coast Guards bases, marine based commerce, marine transport of petroleum products and other cargo, and the extensive recreational boating industry in Connecticut.

Project: Emergency Regional Interconnection for Drinking Water Supply

Proposed Recipient: Town of East Lyme; 108 Pennsylvania Avenue, Niantic, CT, 06357

Amount Requested: \$2,000,000

Description: Requested funding would be used to e permit, design, and construct a transmission water main between East Lyme and the adjacent town (Waterford) to provide an emergency interconnection and back-up water supply. Currently, the town of East Lyme has difficulty meeting peak water supply demands during the summer months, and the funding would be used to provide an emelocal and regional demands cannot be met. This project will provide operational reliability and flexibility of the water supply for the impacted towns, as well as the southeastern region of the state as a whole.

Project: Fox Hill Tower Restoration

Proposed Recipient: Town of Vernon; 14 Park Place, Vernon, CT, 06066

Amount Requested: \$500,000

Description: Requested funding would be used to restore and preserve the historic nature of Rockville's Fox Hill Memorial Tower, which was built in 1939 as a WPA project. This project would enable the town to conduct needed mortar replacement, masonry repairs and other activities necessary to fix and preserve a memorial to those who have served our nation in uniform.

Project: Future Dry Deck Shelter

Proposed Recipient: General Dynamics Electric Boat; 75 Eastern Point Road, Groton, CT, 06340

Amount Requested: \$9,800,000

Description: Requested funding would be used to design a new Dry Deck Shelter (DDS) to support larger Swimmer Delivery Vehicles and other large payloads from submarines. Current Dry Deck Shelters are approaching end of life, and the design of a new DDS will allow a larger number of submarines to be able to deploy these vital forces and other tactical payloads, as well as providing a significant operational capability to Combatant Commanders.

Project: Immersion Presents After School Program

Proposed Recipient: Sea Research Foundation, Inc.; 55 Coogan Boulevard, Mystic, CT, 06355

Amount Requested: \$500,000

Description: Funding will support the Immersion Presents After School Program, which offers high-quality academic programs in science and technology for at-risk youth to over 500,000 children across the country. Project would advance federal interest in supporting at-risk school populations at an early age, ensuring that they become productive contributing members of their communities.

Project: Improving Fuel Cell Durability and Reliability to Speed Market Adoption

Proposed Recipient: University of Connecticut; 352 Mansfield Road, Unit 2048, Storrs, CT, 06269

Amount Requested: \$2,500,000

Description: Funding would be used to accelerate ongoing research focused on enhancing fuel cell durability and reliability in advance of developing devices for transportation and stationary power applications. The Department of Energy (DOE) had identified increased durability of fuel cells, including the need for improved internal catalyst materials that can survive at high temperature operations to allow vehicle systems operate more efficiently at higher temperatures as a one of the most critical technical barriers to the use and commercialization of this technology.

Project: In-Car Camera Technology Upgrade

Proposed Recipient: Connecticut Department of Public Safety,
Bureau of Infrastructure and Communications; 1111 Country Club Road, Middletown, 06457,

Amount Requested: \$750,000

Description: Requested funding would be used to replace the present VHS vehicle recording system with state of the art digital system in state police cruisers. This project ensures officer safety and allows sworn personnel the ability to capture and save valuable video and audio evidentiary information for the prosecution of both criminal and motor vehicle violations.

Project: Integrated Intelligent Motion Control Systems

Proposed Recipient: Mystic Innovations Group, Inc.; 9 DuBois Drive, Mystic, CT, 06355

Amount Requested: \$4,800,000

Description: Funding would be used to continue research on electric actuation in US Navy vessels funded in FY09, and develop computer modeling and simulation design tools that will facilitate robust design and development for all-electric intelligent motion control applications to shipboard systems. Conversion to electric actuation is a critical goal for the US Navy, and the requested funding would further research into applications of this technology on naval platforms such as the OHIO class replacement submarine.

Project: Intermodal Transit Center

Proposed Recipient: Town of Enfield; 820 Enfield Street, Enfield, CT, 06082

Amount Requested: \$3,000,000

Description: Requested funding will support engineering and design efforts for the Enfield Intermodal Center, which will co-locate multiple transportation modes in one central location in Thompsonville. The town has been recommended as one of the commuter stops on the proposed New Haven-Hartford-Springfield Commuter Line, supporting the goals and location of this intermodal center. This project is central to improving access to multiple modes of transportation, as well as linking the town to other regions of the state. Once completed, it is hoped that this integrated transportation hub will serve as a catalyst for the revitalizing the neighborhood, stimulating new employment opportunities, and enhancing the identity of Thompsonville.

Project: Jewitt City Supportive Housing for Veterans

Proposed Recipient: American Legion Veterans Housing, Inc; 7 South Main Street, Jewett City, CT, 06351

Amount Requested: \$1,500,000

Description: The American Legion Veterans Housing, Inc. (TALVHI) is a 501(c)(3) non-profit organization dedicated to providing affordable housing for Veterans. They have developed architectural plans to renovate a 19th century, four-story American Legion LaFlamme-Kusek Post 15 building and to add on an additional building to provide a total of 18 single-unit dwellings for supportive housing for homeless and at-risk veterans. This project would meet the urgent needs of our veterans, especially those who have fallen on to hard times by providing them a safe, supportive location to get off the streets, as well as providing supportive services to address their unique challenges. In addition, this project would support job creation in the area thought jobs connected to construction and renovation of the building, and would incorporate energy efficient technologies to reduce energy consumption.

Project: Jumpstart Connecticut

Proposed Recipient: Jumpstart for Young Children, Inc.; 308 Congress Street, 6th Floor, Boston, MA, 02210

Amount Requested: \$100,000

Description: Requested funding would help train 45 Uconn students to mentor 170 at-risk preschool children and help them develop critical language and literacy skills necessary for later success in school. This project would help ensure that Connecticut's at-risk preschool children receive the high-quality early education experiences they need to succeed.

Project: Lithium Ion Domestic Materials Development

Proposed Recipient: Yardney Technical Products Inc.; 82 Mechanic Street, Pawcatuck, CT, 06379

Amount Requested: \$4,000,000

Description: Requested funding will be used to further develop our lithium ion domestic materials for use on specialty batteries critical to several multi-service applications (e.g. B-2, Global Hawk, X-47) Present DOD systems using large lithium ion batteries are experiencing mid and long term production constraints. A domestic source for raw materials must be developed in order to meet present DOD demand for this enabling technology.

Project: Long Island Sound Dredged Material Management Plan

Proposed Recipient: CT Department of Environmental Protection; 79 Elm Street, Hartford, CT, 06106

Amount Requested: \$4,000,000

Description: Requested funding would be used for development of a Dredged Material Management Plan (DMMP) for Long Island Sound. Failure to complete the EIS by the EPA for the eastern sites by 2011 will impact the viability of dredging projects in eastern Long Island Sound. This is of particular relevance to the long term operational viability of water-dependent uses in the New London Harbor area, including critical US Navy and Coast Guards bases, marine based commerce, marine transport of petroleum products and other cargo, and the extensive recreational boating industry in Connecticut.

Project: Mansfield Four-Corners Water & Sewer Systems

Proposed Recipient: Town of Mansfield; 4 South Eagleville Road, Storrs, CT, 06268

Amount Requested: \$1,500,000

Description: Requested funding will assist the Town in providing water to the area, through the construction of water distribution mains, and in pumping sewage out of the area to local wastewater plants. This project would expand water infrastructure for residents and improve the economic development opportunities of the Four Corners area.

Project: Medical Device Machine Technology Program

Proposed Recipient: Asnuntuck Community College; 170 Elm Street, Enfield, CT, 06082

Amount Requested: \$250,000

Description: Requested funding would be used to develop and support a program to train students in the manufacturing of medical devices using both plastics and metal applications technology. The project would significantly enhance a students ability to transition successfully and long-term to careers in the growing precision machining area of medical device manufacturing.

Project: MK-48 Torpedo Magazine

Proposed Recipient: Submarine Base New London; Route 12 Crystal Lake Road, Groton, CT, 06349

Amount Requested: \$6,570,000

Description: Funding will be used to construction a new magazine capable of storing up to 36 MK 48 torpedoes. The FY09 Future Years Defense Plan (FYDP) scheduled this project for 2012; however, acceleration to 2010 is urgently needed to improve SUBASE New London's ability to support the needs of our submarine force. This project will increase the capability of the base to provide direct operation support to attack submarines homeported at the facility, as well as ensure that ordinance handling is done in a safe and efficient way.

Project: Municipal Water System

Proposed Recipient: Town of East Hampton; 20 East High Street, East Hampton, CT, 06424

Amount Requested: \$264,000

Description: Funding would be used to prepare the final construction documents that will lead to the construction of a 1,000,000 gallon per day municipal water system that will include: a source of supply, a water treatment facility, two water storage tanks, a high service water booster station and the installation of approximately 54,000 linear feet of

water distribution mains for the town. This project would improve local water infrastructure, increase the safety of the water to residents, and expand the current system to address economic development needs.

Project: Mystic Seaport's Educational Innovation Project: New Technology for Education

Proposed Recipient: Mystic Seaport Museum, Inc.; 75 Greenmanville Avenue, PO Box 6000, Mystic, CT, 06355-0990

Amount Requested: \$350,000

Description: Requested funding would be used to develop technology-based educational programs to make museum content more readily available to educators, students and parents in Connecticut. This project would invest in new technology that can yield substantial returns in educational value by eliminating the financial barriers to participation, particularly the rising cost of field trips and transportation, and greatly expand public access to the resources for learning and intellectual engagement.

Project: Nanotechnology Initiative

Proposed Recipient: Connecticut State University System; 39 Woodland Street, Hartford, CT, 06106

Amount Requested: \$1,000,000

Description: Funding would be used to build nanotechnology program capacity within the Connecticut State University System (CSUS) and acquire necessary instrumentation for baccalaureate and the master degree level research and education. Existing bachelor and master degree programs lack the necessary exposure to the field and new programs need to be designed and supported with appropriate instrumentation. Breakthroughs in this area are essential to continued innovation in the state and our nation.

Project: Norwich State Hospital Redevelopment

Proposed Recipient: Town of Preston; 389 Route 2, Preston, CT, 06365

Amount Requested: \$1,000,000

Description: Requested funding would be used to begin remediation and removal of abandoned buildings on the former Norwich State Hospital site, acquired by the town on March 12, 2009. The site currently contains abandoned buildings in a state of great disrepair and substantial contamination that includes fuel oil, lead, asbestos (building materials), and pesticides. The town currently plans to remove 51 of the site's 54 buildings to allow for economic development and investment. Development of this site is a of potential economic benefit to the town, region and the state.

Project: Norwich Young Parents Program

Proposed Recipient: City of Norwich; 80 Broadway, Norwich, CT, 06360

Amount Requested: \$85,000

Description: Requested funding would be used to provide case managed care and support services to adolescent mothers, fathers, and their children to maintain family stability, health, employment and safety. The program annually serves 45-65 individuals yet maintains a staff of only 1.5 full-time employees. This project will provide critical assistance to an at-risk population.

Project: Onsite Integrated Power Generation Demonstration

Proposed Recipient: Connecticut Municipal Electric Energy Cooperative (CMEEC); 30 Stott Avenue, Norwich, CT, 06360

Amount Requested: \$10,000,000

Description: Requested funding would be used to develop a power generation facility capable of supplying SUBASE emergency backup power and routine peak power to the New England grid. This project would increase the reliability and security of SUBASE New London's power supply, as well as eventually reducing recurring power costs to the Navy.

Project: Optical Fiber Assembly Manufacturing

Proposed Recipient: Fiberoptics Technology Inc.; 1 Quasset Road, Pomfret, CT, 06258

Amount Requested: \$1,000,000

Description: Requested funding will develop and implement core technologies for production of optical fiber assemblies with very precise diameter control at reduced cost. If funded, this project would reduce costs of fiber optical assemblies for APKWS munitions systems and other critical military applications, ultimately reducing the cost to the Department of Defense and the taxpayer.

Project: Pickett Lane Culvert Replacement

Proposed Recipient: Town of Durham, Connecticut; 30 Townhouse Road, Durham, CT, 06422

Amount Requested: \$500,000

Description: Requested funding would be used to reconstruct the road culverts on Pickett Lane culvert at Allyn Brook, which currently lacks sufficient capacity to prevent flooding which has previously closed this road. Replacement of the culverts would provide increased flow capacity, with a goal of accommodating high water flows without causing flood damage or closure of Pickett Lane. This project would not only provide continued access to this road during times of flooding, but also ensure resident access to the high school which currently serves as a municipal emergency shelter.

Project: Pollution Control Facility Upgrade

Proposed Recipient: Putnam Water Pollution Control authority; 126 Church Street, Putnam, CT, 06260

Amount Requested: \$500,000

Description: Requested funding would be used to upgrade the nearly 40 year old current facility to meet standards established by the Connecticut Department of Environmental Protection (DEP), including nitrogen removal, phosphorus removal, and residual chlorine concentrations. This project would reduce harmful emissions into the Quinebaug River.

Project: Project CEASE (Committed to Ending Abuse and Sexual Exploitation)

Proposed Recipient: The Paul & Lisa Program, Inc; 36 Plains Road, Essex, CT, 06426

Amount Requested: \$750,000

Description: Requested funding would be used to support CEASE, a one year initiative designed to decrease the incidence and victimization of youth coerced or lured into child sexual exploitation. Project would advance federal interest in protecting at-risk populations from sexual exploiting, and providing youth with the tools they need to prevent, or recover from, such exploitation.

Project: Putnam Regional Community YMCA

Proposed Recipient: YMCA of Metropolitan Hartford, Inc.; 241 Trumbull Street, Hartford, CT, 06103

Amount Requested: \$1,000,000

Description: Requested funding would be used to construct a regional YMCA facility serving the Northeast region of the state. The YMCA has never had a major full facility in this region, and it is estimated that 8,000 children could be served in the first year alone. This project would serve the needs of children and youth by providing a permanent facility for activities, services and support.

Project: Quinebaug and Shetucket Rivers Valley National Heritage Corridor

Proposed Recipient: The Last Green Valley; P.O. Box 29, 111 Main Street, Danielson, CT, 06239-0029

Amount Requested: \$750,000

Description: Requested funding will be used to support programs and projects that preserve and enhance the resources of the Quinebaug and Shetucket Rivers Valley National Heritage Corridor. This project would meet the conservation and preservation goals set forth for the corridor in federal law (PL 103-449, PL 111-11).

Project: Radio Communications Improvement Project

Proposed Recipient: Town of Enfield; 820 Enfield Street, Enfield, CT, 06082

Amount Requested: \$2,000,000

Description: Requested funding would be used fund the final design of the communication, purchase of all necessary elements of the communication, and the construction and implementation of the new trunked system. This project would provide critical support to local first responders by ensuring they can communicate during emergencies, ease the burden on the town during a time of budgetary constraints and enhance the safety of the residents of Enfield and the surrounding towns.

Project: Radio System Digital Upgrade

Proposed Recipient: Town of Vernon; 14 Park Place, Vernon, CT, 06066

Amount Requested: \$1,000,000

Description: Requested funding would be used to replace outdated analog radio equipment for local law enforcement with upgraded digital communications equipment. If funded, the project would help address a critical gap in the safety of the Vernon community and ensure that law enforcement personnel can communicate during response to emergencies. Federal support would ease the burden faced by the town during a period of strained municipal budgets, as well as advancing federal support of our first responders and the safety of local communities.

Project: Re-Activation of the Baltic Reservoir

Proposed Recipient: Town of Sprague; 1 Main Street, P.O. Box 677, Baltic, CT, 06330

Amount Requested: \$1,600,000

Description: Requested funding would be used for the repair and engineering costs of repairing the East dam of the Baltic Reservoir. This project will help address the critical the drinking water, health, safety, and emergency management needs for the town and its residents, identified by the CT Departments of Health and Environmental Protection as priority and mandatory measures for the Town of Sprague.

Project: Ready Building, Camp Hartell, Windsor Locks Connecticut

Proposed Recipient: Connecticut Army National Guard; William A. O'Neill Armory, 360 Broad Street, Hartford, CT, 06105-3795

Amount Requested: \$11,890,000

Description: Requested funding will be used for the construction of a 24,000 square foot Ready Building to provide administration, storage and training space for a twenty-two person 14th Civil Support Team (CST-WMD). Currently there are no sufficient facilities available to adequately house the unit, and its equipment, within the state. This project will ensure the unit's ability to meet its readiness, recruiting and retention, and training objectives by provided a facility sized appropriately for their needs.

Project: Residency Training Program for Nurse Practitioners/Primary Care Providers

Proposed Recipient: Community Health Center, Inc.; 635 Main Street, Middletown, CT, 06457

Amount Requested: \$1,000,000

Description: Requested funding will be used to expand a demonstration project to hire, train and support residency-trained Nurse Practitioners that can improve care for patients at Federally Qualified Health Centers (FQHCs). This project will help address a looming critical shortage of primary care providers, including nurse practitioners, who are prepared to meet the changing needs of an aging population within the American health care system.

Project: Safety Improvements – Salem and Montville CT Route 85 at CT Route 82

Proposed Recipient: Connecticut Department of Transportation; 2800 Berlin Turnpike, Newington, CT, 06131

Amount Requested: \$3,000,000

Description: Requested funding would be used for the preliminary design and engineering of improvements to the Route 82/Route 85 corridor to help relieve the congestion and associated accident problems. The funds from this appropriation would allow for an expeditious right of way acquisition process, including a substantial public involvement component, and also provide funding for the construction of the roundabout. Current schedules indicate that if a breakout project is initiated, the roundabout could be built in 2012. This project would address serious local concerns with the safety of this intersection, reduce accidents and lower congestion in this critical corridor.

Project: Shewville Brook Bridge Joint Restoration Project

Proposed Recipient: Mashantucket Pequot Tribal Nation; 2 Matt's Path, Mashantucket, CT, 06338

Amount Requested: \$515,000

Description: Requested funding would be used to replace a bridge over Shewville brook. The current bridge is badly deteriorated and posed a risk to public safety. This project would address a critical safety concern shared by the Mashantucket Pequot Tribe Nation and the residents of Ledyard.

Project: Silvio O Conte National Fish and Wildlife Refuge

Proposed Recipient: The Nature Conservancy; 55 High Street, Middletown, CT, 06457

Amount Requested: \$250,000

Description: Requested funding will be used to acquire a key parcel on Pine Brook, an important tributary of the Salmon River in Haddam, to serve as part of the Silvio Conte National Fish and Wildlife Refuge. The Pine Brook parcel proposed for acquisition contains a half mile of frontage on Pine Brook, one of whose most unique features is the absence of upstream-downstream barriers. This project would protect a unique natural resource from development, as well as furthering state and federal goals of aquatic and wildlife conservation. The Salmon River is recognized by USFWS as a high-priority Special Focus Area. The Salmon River Division of the refuge is comprised of a range of important natural features, including free-flowing rivers, thriving freshwater tidal marshes, forested watersheds, floodplain forests, and rare plants and animals.

Project: South Cove Restoration Project

Proposed Recipient: Town of Old Saybrook, Connecticut; 302 Main Street, Old Saybrook, CT, 06475

Amount Requested: \$855,000

Description: Requested funding would be used for the preparation for, as well as the executive of, necessary dredging to restore South Cove's historic depth, environment and habitat. There is now little ability to navigate most, if not all, of the Cove at any stage of tide. This project will re-establish a significant recreational resource to area residents in addition to improvement of the natural habitat.

Project: STEM Program Development

Proposed Recipient: DNA EpiCenter, Inc.; 33 Gallows Lane, New London, CT, 06320

Amount Requested: \$750,000

Description: Requested funding will be used to develop a STEM (Science, Technology, Engineering, and Mathematics) program that will expose children to these critical skills through a hands on, inquiry based atmosphere. This project would help increase students' interest in STEM careers at a young age in order to build tomorrow's workforce, which is a critical component of our state and nation's economic future.

Project: Storrs Center Public Infrastructure

Proposed Recipient: Town of Mansfield; 4 South Eagleville Road, Mansfield, CT, 06268

Amount Requested: \$1,000,000

Description: Requested funding would support the construction of the network of streets, sidewalks, utilities and storm drainage systems that will serve as the public infrastructure for Storrs Center, a mixed-use, college town center in Mansfield. Federal support would continue the development of an economic development initiative of local, regional and statewide value.

Project: Structural Improvement Project

Proposed Recipient: The ACCESS Agency, Inc.; 1315 Main Street, Suite 2, Willimantic, CT, 06226

Amount Requested: \$65,000

Description: Requested funding would support structural improvements at the organization's emergency shelter, Hawkins House for female adolescents, and offices in Danielson. This request will allow these facilities to receive new roofs. This project allows for the replacement of roofs for these buildings, thereby ensuring that those seeking help can do so in a safe building and that the organization can continue to provide these necessary services.

Project: TFI -cNAF BEDDOWN- UPGRADE FACILITIES

Proposed Recipient: Connecticut Air National Guard; 100 Nicholson Road, East Granby, CT, 06093

Amount Requested: \$9,100,000

Description: Requested funding would be used to build the facilities needed to support the 103rd Airlift Wing's Component Numbered Air Force (cNAF) Air Operations Command Center. This mission, assigned to the 103AW following the removal of their A-10s through the 2005 BRAC process, will engage the CT Air National Guard in high-tech, highly-skilled work that will support the planning operations, intelligence, logistics, combat service support, and communications-electronics needs of air combat operations around the globe. While this project is currently planned for 2011, acceleration to 2010 is needed to adequately support the training of personnel to meet the needs of their new mission - and without acceleration, there will be a gap in the 103AW's ability to adequately accomplish this important mission.

Project: The Enfield Career Initiative

Proposed Recipient: Capital Workforce Partners, Inc.; One Union Place, Hartford, CT, 06103

Amount Requested: \$80,000

Description: Requested funding would be used to develop and support an innovative career initiative to attract more high school students into advanced manufacturing careers. Under this program, students would receive career readiness training in a summer program that includes instruction and internships related to advanced engineering through Asnuntuck Community College. This project would address a critical need for a future workforce trained in advanced manufacturing in North Central Connecticut.

Project: Tolland Green Improvements

Proposed Recipient: Town of Tolland; 21 Tolland Green, Tolland, CT, 06084

Amount Requested: \$1,000,000

Description: Requested funding would be used to complete detailed design of improvements to the town green, which will improve motorist safety, increase pedestrian access to the green, and reduce traffic.

Project: TORPEDO/TOMAHAWK MAINTENANCE FACILITY

Proposed Recipient: Submarine Base New London; Route 12 Crystal Lake Road, Groton, CT, 06349

Amount Requested: \$14,380,000

Description: Requested funding will be used to construct a new ordinance maintenance facility. The current facility, Building 325, was constructed in 1957 before tomahawk missiles entered the Navy's weapons inventory. The FY09 Future Years Defense Plan (FYDP) scheduled this project for 2011; however acceleration is urgently needed to meet the needs of the submarine force. This project would directly support the needs of attack submarines stationed at SUBASE, improve the ability of the base to handle ordinance in a safe and efficient manner by constructing a building will allow more effective handling of torpedoes and tomahawk missiles.

Project: Town Center Sidewalks/Streetscapes

Proposed Recipient: Town of Coventry; 1712 Main Street, Coventry, CT, 06238

Amount Requested: \$752,000

Description: Requested funding would be used to construct a sidewalk along Main Street (Route 31) which would connect the center of town to the village area. Specifically, this section of sidewalks would allow connection of the High School, Middle School, Town Hall, Administration Building, Fire Station, Police Station, Elderly Housing, and other municipal landmarks. This project would improve pedestrian safety, especially in areas with high concentrations of school children and elderly.

Project: Tracking the Health of Soldiers with Advanced Implantable Nano-Sensors

Proposed Recipient: University of Connecticut; 352 Mansfield Road, Unit 2048, Storrs, CT, 06269

Amount Requested: \$2,500,000

Description: Requested funding would be used to continue and expand work with the Army's Medical Research and Materiel Command at Fort Detrick, MD, to scale-up and animal-test a series of advanced implantable nanosensors that can track, over extended periods of time, a variety of physiological metabolites related to the soldier's health, alertness and ultimately their protection. Real time monitoring of various metabolic analytes and metabolic markers that control function and physiology of the human body is important for our war-fighters, especially in combat situations.

Project: Unmanned Hybrid Projectiles

Proposed Recipient: University of Hartford; 200 Bloomfield Avenue, West Hartford, CT, 06117

Amount Requested: \$3,000,000

Description: Requested funding would be used to develop and test a hybrid unmanned aerial systems (UAS) projectile. Work on this effort would be conducted by several Connecticut partners, including the University of Connecticut, the University of Bridgeport, GKN Composites, Kaman Fuzing and Ensign-Bickford Aerospace and Defense, and the Connecticut Center for Advanced Technologies (CCAT). Currently there is a gap in the ability of soldiers to fire projectiles providing combined functionalities such as target identification, battlefield assessment and surveillance, and provide a scalable lethality to enemy targets of opportunity. Project would meet the Army's requirement to provide low cost multi-functional projectiles that have guidance capabilities to hit targets with low collateral damage from line-of-sight and beyond line of sight.

Project: Virtual Maintenance Engineering Platform (VMEP) Implementation for SSGN Voyage Repair

Proposed Recipient: General Physics Corporation; 11 Main Street, Mystic, CT, 06355

Amount Requested: \$1,200,000

Description: Requested funding would be used to develop, certify and install a Virtual Maintenance Engineering Platform (VMEP) system that will utilize commercial off the shelf (COTS) equipment with video and reconfigurable chassis to interface with shipboard equipment to facilitate troubleshooting and repairs from subject matter experts remotely located from the SSGN. Implementing this capability will increase SSGN reliability and availability at reduced costs, as well as meet Voyage Repair service requirements identified in the SSGN Concept of Operations prepared by Commander Naval Submarine Forces.

Project: Wastewater Treatment Facility

Proposed Recipient: City of Norwich; 100 Broadway, Room 219, Norwich, CT, 06360

Amount Requested: \$1,600,000

Description: Requested funding would be used to improve the ability of the wastewater treatment plant to process waste and allow it to become energy independent. This project would improve the ability of the facility to meet the needs of residents in Norwich and surrounding towns, reduce harmful nitrogen compounds and chlorine emissions into the Long Island Sound, and enhance economic development in the region.

Project: Water Pollution Control Facility Improvements

Proposed Recipient: Town of Stonington; 152 Elm Street, Stonington, CT, 06378

Amount Requested: \$1,400,000

Description: Requested funding will support the design of improvements to the Mystic wastewater treatment facility, which will support the needs of 3,000 residents and reduce harmful output from the current facility. This project will serve the water infrastructure needs of resident as well as reducing discharge into the Mystic River, which serves as a habitat for marine fish, shellfish, and wildlife while supporting recreational activities, industrial process, and other critical uses.

Project: Wilsonville Hydroelectric Demonstration Project

Proposed Recipient: Town of Thompson; 815 Riverside Drive, North Grosvenordale, CT, 06255

Amount Requested: \$45,000

Description: Requested funding would be used to conduct a study on the feasibility of generating hydroelectric power from the Wilsonville Dam. This project would advance research into the use of renewable energy by small municipalities with access to water resources and potential hydroelectric power generation.