

Requestor	Project	Description	Street Address	Amount Requested
Battle Ground	Old Town Battle Ground Revitalization	Federal Funds are requested to implement elements for the Old Town Battle Ground revitalization district plan. The Old Town district is an area that has been identified in the adopted Comprehensive Plan. The project will focus on streetscape improvements that will encourage pedestrian use and circulation through safe pedestrian crossings, wide sidewalks, street furniture, and other pedestrian amenities. The purpose of this district is to reinforce its role as the historic center of Battle Ground's commercial, cultural and civic life.	Battle Ground 109 SW 1st Street, Suite 221 Battle Ground, WA 98604	\$250,000
Battle Ground	Grace Avenue Improvements	Funds would go to complete the first phase of the reconstruction of SE Grace Avenue. Improvements include widening the road, adding sidewalks, street lighting, and bike lanes in addition to curbs and a strip between the roadway and sidewalk. SE Grace Avenue connects to East Main Street and provides a vital truck route necessary to serve the trucking needs of the industrial companies located along this route such as Andersen Plastics which currently is the largest private family wage employer in Battle Ground. Currently, SE Grace Avenue is very narrow, and is without sidewalks along a large portion of the roadway. These unsafe conditions discourage travel on SE Grace Avenue, and as a result, hurt businesses on E Main Street. The project intent is to increase truck access to industrial companies and make travel safer for all modes of transportation along SE Grace Avenue.	Battle Ground 109 SW 1st Street, Suite 221 Battle Ground, WA 98604	\$1,200,000
Cathlamet	Water Water Treatment Plant	Cathlamet is seeking to replace its current sewage plant, located within a 100-year floodplain on the banks of the Columbia River. The facility, constructed in the 1960s, routinely exceeds its designed monthly flow rates and fails to meet minimum effluent quality for fecal coliform. The town plans to relocate the facility away from the waterfront and construct a new WWTP above State Highway 4. A 7-acre lot has been purchased, and detailed planning for the facility is underway. We could use most, possibly all, of the funding in FY2011, provided that construction begins in the fall of 2010.	Cathlamet 100 Main St. Cathlamet, WA 98612	\$1,000,000
Centralia	Gold Street and National Avenue	This is a cooperative project between the cities of Chehalis and Centralia to rehabilitate the southbound multi-modal corridor between the cities. It is the southbound road of a couplet that provides a critical link connecting the commercial and historic districts of the cities. The corridor supports significant local transit services, delivery trucks, school buses and emergency responders. It is also a designated bicycle route, the point of access for the Southwest Washington Fairgrounds and provides access to the Amtrak railroad station in Centralia. The couplet is the only alternate route to Interstate 5 on the east side between the two cities where the majority of residents are located. It is used when Interstate 5 is closed due to accidents or other conditions such as flooding. Gold/National has deteriorated due to age, wear and tear and flood damage. Rehabilitation will involve grinding portions of the road that are too deteriorated to repair by paving alone and then repaving the entire length of the road.	Centralia 1100 N Tower Avenue Centralia, WA 98531	\$1,843,000
Centralia College	Welding and Metal Fabrication Expansion Project	This project will replace an antiquated air extraction system in the welding lab which will improve energy efficiency and air quality; at the same time it will expand the current capacity of students in this high demand program and allow us to add an advanced metal fabrication program to meet the needs of a growing manufacturing and energy industry in Lewis County. The current air extraction will be replaced and moved to an outside location. This will allow expansion of the current welding laboratory and the addition of a metal fabrication program on the same site. This project will allow the welding program to expand from the 72 currently enrolled welding students to over 100 and add a new skill set in metal fabrication to their curriculum; at present the program is running during the day, in the evenings and on weekends. We are turning away worker retraining and other prospective students due to lack of capacity.	Centralia College 600 Centralia College Blvd Centralia, WA 98531	\$818,580
Clark County	Chelatchie Prairie Railroad Rail Rehabilitation	This project will allow us to put heavy rail on the mainline for approximately 3 miles of our mainline from Fruit Valley at milepost 0.2 east to just before 78th Street at approximately milepost 4.0. This amount is needed to replace the 85# rail to 115# or heavier and all related rail accessories for safer operation and increased speed.	Clark County PO Box 5000 Vancouver, WA 98666	\$4,000,000
Columbia River Gorge Commission	Columbia River Gorge Commission Vital Signs Indicators	This project provides the foundation for measuring conditions in the Columbia Gorge over time. Funding is a short-term provision for research, development and initial data collection for economic and environmental factors. This rigorous project is based on sound science and will provide information to determine how well the Gorge Commission is implementing the Scenic Area Act. The Gorge Commission's highest priority is to measure the conditions in the Gorge and to analyze how well the Commission is implementing the Scenic Area Act. With a budget cut of 28% this fiscal year and additional cuts required recently, the Gorge Commission needs an infusion of funding to maintain the momentum of the project to ensure solid methodology and best practices.	Columbia River Gorge Commission 57 NE Wauna Street White Salmon, WA 98672	\$469,950
Corps of Engineers	Centralia Flood Control	This project is located on the Chehalis River in Lewis County. It includes the cities of Centralia and Chehalis, as well as the Interstate 5 corridor. The project is designed to reduce flooding in urban areas and to protect the Interstate 5 corridor.	Corps of Engineers 4735 East Marginal Way South Seattle, WA 98134	\$1,000,000

Corps of Engineers	Chehalis River Basin Study	<p>The Chehalis River basin covers over 2,600 square miles in southwest Washington. It is the largest river basin in Washington State. The purpose of the study is to evaluate options for providing flood risk management, and restoring wetlands and riparian habitats.</p> <p>Significant flooding in 2007 resulted in heavy damages to urban and rural areas of the Chehalis Basin and closed Interstate 5 for four days. More investigation of flood risk management is needed due to the 2007 Chehalis flooding. The authority has the potential to identify measures to reduce flood risks in the more rural parts of the basin along with ecosystem restoration.</p>	Corps of Engineers 4735 East Marginal Way South Seattle, WA 98134	\$1,020,000
Corps of Engineers	Baker Bay Channel Dredging at Ilwaco	<p>This funding will allow for maintenance dredging of the three-mile entrance channel through Baker Bay to the Port of Ilwaco Harbor. Maintenance dredging is essential to the Port of Ilwaco, with regard to both navigation safety of the channel and economic development in the region. The Port serves vessels from the entire Pacific Rim including Washington, Oregon, California, Alaska, Hawaii, and Canada. In some years, the Port of Ilwaco has been the only viable tuna port on the coast. Commercial and recreational fishermen rely on the channel depth and location as shown on the navigational chart. Without adequate maintenance dredging, conditions in the channel could easily become dangerous for mariners.</p>	Corps of Engineers 333 SW First Avenue Portland, OR	\$899,000
Corps of Engineers	Columbia River between Chinook and Sand Island	<p>This funding will allow for maintenance dredging of the one-mile channel from the Columbia River mile marker 5 to the Port of Chinook boat basin. This maintenance dredging must occur to allow for commercial and recreational boats to leave and return.</p>	Corps of Engineers 333 SW First Avenue Portland, OR	\$847,000
Corps of Engineers	Willapa Bay Marinas Dredging Assessment	<p>The Port is requesting an allocation of \$75,000 for the USACE to complete the pre-dredging environmental work for the Bay Center federal entrance channel including sediment sampling and characterization and a biological evaluation. This channel has not been dredged since 2002. Its authorized depth is -10 feet. A recent survey documented that segments of the channel are now only -3 feet, which severely restricts access to the Bay Center Marina. This marina supports much of the oyster industry in Willapa Bay.</p>	Corps of Engineers 4735 East Marginal Way South Seattle, WA 98134	\$75,000
Corps of Engineers	Howard Hanson Dam	<p>Because of damage to the adjacent abutment to the Howard Hanson Dam from winter storms, the safe pool capacity behind the dam has been greatly diminished, causing the flood protection to drop from 1 in 100 to 1 in 3. After a preliminary interim repair to the abutment, the flood protection was increased to 1 in 33, however the possibility of a heavy rain event continues, threatening further strain on this temporary measure and requiring a greater release of water from the pool, which could in turn cause a flooding event downstream. The Seattle District has identified additional temporary emergency repair measures to greatly improve the interim risk of flooding to 1 in 140 until the full capability of the dam is restored. This funding would be used to implement these repairs by extending the temporary grout curtain over the abutment and allow the dam to store higher levels of water for a short period of time.</p>	Corps of Engineers 4735 East Marginal Way South Seattle, WA 98134	\$44,000,000
Corps of Engineers	Mt. St. Helens Sediment Control	<p>The funding will be used to continue sediment monitoring and gradation analysis, continue analysis of potential long-term alternatives for system-wide flood and navigation protection, evaluate fish passage alternatives at the sediment retention structure and provide incremental dredging to maintain levels of flood protection.</p>	Corps of Engineers 333 SW First Avenue Portland, OR	\$13,600,000
Corps of Engineers	Mt. St. Helens Sediment Control	<p>The funding is needed for routine activities connected with flood protection. This includes maintenance of the dam, reservoir, and service facilities. The eruption of Mount St. Helens dramatically altered the hydraulic and hydrologic regimes of the Cowlitz and Toutle River Valleys. In response, emergency actions were taken and eventually a sediment control structure (SRS) was constructed in 1989 to control sediment and prevent flooding in the lower Cowlitz River. The U.S. Army corps of Engineers was directed to maintain a certain level of flood protection for the Washington communities of Kelso, Longview, Castle Rock and Lexington.</p>	Corps of Engineers 333 SW First Avenue Portland, OR	\$265,000
Corps of Engineers	Mt. St. Helens environmental restoration	<p>This funding would allow the Corps to partner with the State of Washington to identify ecosystem restoration improvements on the Toutle and Cowlitz Rives.</p>	Corps of Engineers 333 SW First Avenue Portland, OR	\$225,000
Corps of Engineers	Puget Sound and Adjacent Waters Restoration Construction General Program	<p>The program provides funding for early action ecosystem restoration projects identified by the Puget Sound Nearshore Marine Habitat Restoration project. Federal funds are leveraged with Washington State funds from the newly created Estuarine and Salmon Restoration Program. The Nearshore project will identify restoration and preservation needs and opportunities in the Puget Sound basin.</p>	Corps of Engineers 4735 East Marginal Way South Seattle, WA 98134	\$7,375,000

Corps of Engineers	Puget Sound Nearshore Ecosystem Restoration Project	The funding will be used to study ways to restore and enhance nearshore environment of the Puget Sound Basin, including Hood Canal and the Straits of Georgia, Juan De Fuca, Harrow and Rosario. A significant amount of estuary wetlands, river and stream shoreline habitat in Puget Sound has been destroyed or degraded through urban development. The degradation has caused a tremendous reduction in the number of fish and wildlife residing and reproducing in the coastal area.	Corps of Engineers 4735 East Marginal Way South Seattle, WA 98134	\$1,500,000
Corps of Engineers	Shoalwater Bay Shoreline Erosion	Funding will be used to restore the eroded barrier dune at Graveyard Spit. This will provide effective protection to the entire Shoalwater Bay Indian Reservation from coastal erosion and storm damage. Restoration of the Graveyard Spit barrier dune will prevent further shoreline erosion of Tribal infrastructure, housing, and transportation, as well as re-establish the previously abundant shellfish resources in the 700-acre North Cove embayment on the reservation.	Corps of Engineers 4735 East Marginal Way South Seattle, WA 98134	\$7,321,000
Corps of Engineers	Lower Columbia River Ecosystem Restoration	The funding is needed to initiate construction of the Julia Butler Hanson site, for planning at the Vancouver Lake Site, to construct the Water Resources Education Center, and for planning and design of the Sandy River Delta Site. This allows the Corps of Engineers to carry out important restoration work along the Columbia River, to assist in the recovery of ESA listed species of fish.	Corps of Engineers 333 SW First Avenue Portland, OR	\$4,700,000
Corps of Engineers	Columbia and Lower Willamette	Funding will be used for annual dredging needed for safe transit of commercial and recreational vessels. This is essential for ESA and NEPA requirements as well. This dredging is needed to maintain the Columbia River for safe commercial and recreational vessel traffic.	Corps of Engineers 333 SW First Avenue Portland, OR	\$34,607,000
Corps of Engineers	Mouth of the Columbia River	The \$21,100,000 includes the items specified in the President's FY2011 Budget (\$12,850,000, which includes the dredging of the 55' entrance channel and \$750,000 for a 3-D model of the North and South Jetty cap, as well as environmental clearances.). In addition, we are requesting another \$8,250,000 for South Jetty: Plans/specs, and placement of material at base of jetty (\$5.5M), and North Jetty: culvert design and replacement (\$2M); design, agency technical review (ATR) and prep work for lagoon fill (\$750K).	Corps of Engineers 333 SW First Avenue Portland, OR	\$21,100,000
C-TRAN	Fourth Plain Bus Rapid Transit	The Fourth Plain Bus Rapid Transit project will provide high frequency service between residential and job centers along the Fourth Plain corridor as well as connections to downtown Vancouver, the Vancouver Mall, and will provide interstate transit access to employment and services in Portland. The project will significantly enhance accessibility through the creation of more convenient transportation options. The Fourth Plain BRT will have reduced travel time and improved reliability due to fewer stations and an exclusive guideway. High frequency BRT service will provide connections between residential and job centers along the Fourth Plain corridor as well as connections to downtown Vancouver and the Vancouver Mall area, and will provide interstate transit access to employment and services in Portland.	C-TRAN PO Box 2529 Vancouver, WA 98668	\$3,000,000
C-TRAN	Transit Vehicle Replacement	New hybrid electric vehicles will be used for fixed route service and paratransit vehicles are needed to provide mobility for eligible seniors and persons with disabilities. C-TRAN provides transit services along several key transportation corridors within Clark County and between Clark County, Washington and Portland, Oregon, carrying more than 3 million passenger trips annually. C-TRAN is committed to acquiring hybrid-diesel electric vehicles to replace diesel vehicles. As such, emissions will be reduced 90 percent compared buses operating using regular diesel.	C-TRAN PO Box 2529 Vancouver, WA 98668	\$3,000,000
Evergreen State College	Enhancing Science and Technology Education at The Evergreen State College with Nuclear Magnetic Resonance (NMR) Spectroscopy	The Evergreen State College seeks funding to acquire a nuclear magnetic resonance (NMR) spectrometer to replace a 20-year-old failing instrument. This new NMR spectrometer is an absolutely essential piece of equipment needed to keep Evergreen's laboratory facilities up to date, and to sustain its rigorous, hands-on, problem-based learning in both the laboratory and environmental sciences. NMR is used in all branches of science and has applications in finding suitable therapies for diseases such as HIV/AIDS and cancer, in renewable energy technologies, and in characterizing novel sustainable materials. The physical principles of NMR also form the basis of the medical diagnostic tool MRI, which is used extensively in the healthcare field and in medical research. An NMR spectrometer really is a central piece of instrumentation at Evergreen, and this appropriation will have broad applications across our science curriculum, significantly enhancing the teaching of chemistry, biology, physics, materials science, health science, forensic science, and environmental science.	Evergreen State College 2700 Evergreen Parkway NW Olympia, WA 98505	\$490,500

U.S. Forest Service	Columbia Gorge Land Acquisition	<p>This funding would allow the United States Forest Service to purchase over 400 acres in the Columbia River Gorge for future generations to enjoy.</p> <p>There are five properties targeted to be acquired in 2011. Two of the properties are located within Skamania County and would provide access to new and existing trails. For example, the parcel located on Salmon Falls Road will secure the Cape Horn Trail Head property, currently being used by thousands of hikers each year from both Skamania County and the metropolitan areas of Vancouver, WA and Portland, OR. Land purchases in the Major Creek drainage in Klickitat County will increase wildlife corridors and protect fish habitat for numerous recreation activities.</p>	U.S. Forest Service 333 SW 1st Avenue Portland, OR	\$1,500,000
Grays Harbor PUD	Southwest Washington Tidal Energy Project	<p>Washington has a relatively high tidal power potential overall and Grays Harbor, Willapa Bay and the Columbia River represent three of the largest tidal estuaries in the United States. We have already done significant analysis and examination of the area to determine its tidal energy potential (very different from ocean wind and wave energy concepts).</p> <p>The activities to be funded would include all of the permitting, research, design and engineering study elements necessary to be able to put a demonstration (pilot) scale tidal energy project in the water with all permitting, engineering, environmental studies and feasibility designs complete.</p>	Grays Harbor PUD 2720 Sumner Avenue Aberdeen, WA 98520	\$1,500,000
Hands on Children's Museum	Hands on Children's Museum	<p>The Hand On Children's Museum project will generate significant and numerous public benefits as evidenced above. We are asking for federal support for three component pieces that greatly benefit the public and for which private funds are very difficult to secure. The components include the Museum's contribution to the new Public Plaza of \$380,000 for site clean-up and installation of utilities, \$400,000 for the extraordinary clean-up required for the new Outdoor Learning Center since the project is located on a previously contaminated industrial site, and \$200,000 for frontage improvements on East Bay Drive that will benefit the community.</p>	Hands On Children's Museum 106 11th Ave SW Olympia, WA 98506	\$250,000
Intercity Transit	Hybrid Buses Project	<p>Purchase six heavy duty hybrid diesel-electric propulsion transit buses to replace aging equipment and support continuing transit service growth in Lacey, Tumwater and Yelm and portions of surrounding Thurston County and Pierce County.</p>	Intercity Transit 526 Pattison SE Olympia, WA 98507	\$3,240,000
Intercity Transit	Maintenance and Operations Facility Expansion Project	<p>Final project design and initial construction phase for renovation and expansion of existing transit maintenance, operations and administrative facility built in 1985. This project will create a facility capable of supporting recent and anticipated future growth in Intercity Transit local services in Thurston County and express service to Pierce County through 2035. The existing facility currently operates beyond its design capacity and expanding the facility enables greater efficiency at current service levels and future growth of transit services. The project will provide the maintenance and operations capacity to allow for continued growth in Intercity Transit ridership.</p>	Intercity Transit 526 Pattison SE Olympia, WA 98507	\$4,000,000
Kelso	West Main Realignment Project	<p>The project focuses on a wide variety of outcomes. It will realign and reconstruct West Main Street to cross over one block south to Catlin Street to better align with SR 4 at Cowlitz Way westbound on Ocean Beach Highway to the Washington coast. Turn lanes, proper turn radii, improved signalization, added bicycle routes, and pedestrian accommodations using context sensitive design will be included. Along with mitigation of congestion and safety issues, the project will provide enhanced access to the Cowlitz County Fairgrounds site, which is in the midst of a redevelopment strategic planning process. The re-alignment will significantly improve livability and walkability in the commercial core and residential area of West Kelso while providing an excellent foundation for redevelopment of the area. It will enhance potential not only for commercial properties, but will encourage updated mixed land use redevelopment opportunities.</p>	Kelso 203 South Pacific Kelso, WA 98626	\$3,000,000
Legacy Health System	Legacy Pediatric Critical Care Telemedicine Service	<p>This project will leverage the expertise of the Legacy Pediatric Critical Care Telemedicine service (LPCCT) and The Children's Hospital at Legacy Emanuel Medical Center to improve emergency room access to pediatric specialists, improve the quality of pediatric patient care, and provide cost savings to the health system. The LPPCT will support telemedicine consultations for any critically ill children, including those with respiratory distress/failure, seizures, sepsis, trauma and cardiac issues. The LPCCT will use telemedicine equipment to provide real-time remote pediatric consultations to emergency rooms throughout Oregon and southern Washington. Over the next two years, our goal is to establish this telemedicine service in partnership with 10 community-based hospitals throughout the region. One of the facilities that has agreed to participate in this project is the Child &amp; Adolescent Clinic in Longview, Washington. They will be one of the first beneficiaries of these funds.</p>	Legacy Health System 1919 NW Lovejoy Street Portland, OR 97209	\$250,000

Longview	Regional 911 Dispatch Improvements	The City of Longview Police Department (LPD) and Cowlitz County currently depend on the County's regional computerized CAD system to provide dispatch services for the County. The LPD reports comprise the majority of the data in the system. Purchased in 1990, the current CAD system is outdated and the vendor is challenged in finding qualified programmers for support. Interoperability between other regions is also extremely limited. Due to the hardware platform (Compaq Alpha/VMS), which is no longer manufactured, long-term viability of the system is in doubt. Funding shortages have delayed replacement of the system. A new Computer Aided Dispatch (CAD) system will enable the law enforcement agencies in Cowlitz County region to deploy personnel in a more effective manner, share information more effectively with other jurisdictions, and better fight crime and provide continued support for public safety.	Longview 1525 Broadway Longview, WA	\$1,000,000
Longview	Hybrid Transit Buses	Recently, the citizens of Longview and Kelso voted to increase the PTBA sales tax rate to enhance the level of public transit service. Service enhancements may include more frequent buses, provide commuter-type service within Longview/Kelso, expand routes to service the growing unincorporated Lexington area nearby, increase coordination with inter-city transportation providers, provide a commuter connection with public transit in Vancouver, Washington, and other potential service enhancements. In order to meet these expectations, the existing fleet of eight buses will need to more than double, and the use of hybrid buses will minimize the carbon footprint of expanding transit service. Adding transit capacity will relieve congestion by giving commuters and residents greater travel choices, and will improve the ability of low income residents to find and retain employment and keep scheduled appointments. The use of hybrid buses will reduce the carbon footprint created by the expanding transit fleet. With the additional buses, transit service will be expanded and ridership will increase on both the fixed routes and the paratransit service.	Longview 1525 Broadway Longview, WA	\$1,000,000
Longview	Downtown Revitalization project	Federal funds would go towards design, engineering and construction of street, sidewalk, lighting and other pedestrian friendly improvements in downtown Longview. The revitalization effects of this streetscape project are expected to encourage and incentivize existing building renovation for existing and new retail and residential occupancies in the downtown area. It is anticipated that the proposed project would directly employ 10-12 construction workers for a period of 60-90 days.	Longview 1525 Broadway Longview, WA	\$1,200,000
Maritime Fire and Safety Association	Oil Spill Response Fleet Upgrade and Shipboard Firefighter Training	The Maritime Fire and Safety Association (MFSA) is seeking \$471,000 for upgrades to its oil spill response fleet and for training its shipboard firefighting partners in Washington and Oregon. A necessary component of oil spill response activities is the equipment used to clean up spills and the first responders who respond to emergencies. The requested funding will help the MFSA and its partners prevent oil or other chemical spills in Northwest waterways through regular training and protect the water resources and the communities of the Pacific Northwest through timely and effective response to maritime spills.	Maritime Fire and Safety Association 200 SW Market Street, Suite 190 Portland, OR 97201	\$471,000
Northwest Center for Small Fruits Research	Small Fruits Initiative - Plant Improvement	Small Fruit Pathology: The PNW is a major producer of small fruit crops. These crops are susceptible to infection by fungal and bacterial diseases which significantly impact fruit quality of all crops. Eliminating fruit diseases requires a greater understanding of the biology of these pathogens.  Site Feasibility Study and Phase I Design for Additional or New Research Facilities: Current facilities are overcrowded, with some needing replacement and other's in need of an upgrade. The feasibility study is needed to determine the best approach - to either upgrade and expand existing facilities or to build a new research facility.  Cooperative Research Grants: The cooperative grants program funds peer reviewed research projects that support food safety, nutrition and health, international competitiveness, and environmental safety.	NW Center for Small Fruits Research 4845 B SW Dresden Avenue Corvallis, OR 97333	\$1,000,000
Olympia	West Olympia Access - Interchange Justification Report	This request is for funding to complete an Interchange Justification Report (IJR). The IJR process, required by State and Federal policy, is a thorough analysis of a proposed project documenting the need to revise access to US 101 in West Olympia. Components of the IJR include public outreach, traffic analysis, environmental assessment (which includes various discipline reports and identification of mitigation for impacts) and preliminary design of the proposed project. Completion of the IJR positions the City to formalize a project and apply for funding to complete the design, right-of-way acquisition and construction of this important transportation system improvement.	Olympia 924 7th Avenue SE, Suite A Olympia, WA 98507	\$1,000,000
Oregon Medical Laser Center	Treatment of Battlefield Spinal Cord and Burn Injuries	Funds are requested for two distinct lines of research intended to improve outcomes from two of the most devastating injuries suffered by troops in combat as well as civilians -- acute spinal injuries which lead to paralysis, and severe burns which result in formation of inflexible scar tissue. It is believed that treatment for both of these injuries can be improved dramatically by enhancing the body's innate healing ability. Activities to be funded would be clinical trials for spinal injury along with animal studies to evaluate secondary therapies, and initial laboratory studies of the proposed burn program.	Oregon Medical Laser Center 9205 SW Barnes Road Portland, OR 97225	\$4,000,000

Pacific Ocean Shelf Tracking Project	POST - Marine Animal Tracking System	The scale of the POST system and its compartmentalization of the coastal ocean support international management efforts and contribute to resolving conflicts between the US and Canada and among resource user groups. Without an appropriation, the POST system will be removed from the water at the end of 2010 and re-creation of a similar system will be costly and create data gaps. POST maintains acoustic receivers on the sea floor in lines across the continental shelf along the West Coast of North America. These receivers detect sound signals emitted from tags fitted to animals by scientists. POST provides open access to the network of underwater receivers and a data management system, including mapping and visualization tools, for users that have allowed scientists to make important discoveries and identify how animals move, where they may be dying, and combining this with other techniques and physical and chemical data, to build new tools for understanding marine ecosystems.	205 SE Spokane Street, Suite 100 Portland, OR 97202	\$2,000,000
Pacific Transit	Pacific Transit Replacement of Bus and Van	Bus and van will be used to replace aged vehicles. One bus and one van. As a rural transportation provider, they have to rely on State and Federal dollars for both operating and capital.	Pacific Transit System 216 N. 2nd Street Raymond, WA 98577	\$336,000
PATH	Vaccine Stabilization Initiative	An emergency vaccine platform will require a reliable, safe, low-cost strategy for ensuring influenza vaccines can be delivered in a timely and efficient manner. To facilitate optimal delivery of this vaccine, PATH will adopt and apply needle-free field-fillable disposable cartridge jet injector technology, capable of accurate and efficient delivery through intra-muscular, subcutaneous or intradermal routes. Intradermal delivery also offers the potential of achieving optimum immune response with much smaller doses, resulting in large economies in vaccine volume. DoD is responsible for the health of three million personnel, a market that has failed to attract attention from the private health care sector. Similarly, DoD personnel routinely live, work and require medical care while deployed in the world's most difficult environments. PATH's mission, expanded access to health care for the world's poor, and the DoD's need to provide health care in unstable environments, provide a unique opportunity for PATH and the DoD to develop common solutions for shared health challenges.	PATH 2201 Westlake Ave, Suite 200 Seattle, WA 98121	\$3,200,000
Port of Skamania	Infrastructure Construction at Cascades Business Park	Federal funds will be used to complete site infrastructure to provide the largest contiguous "shovel ready" industrial development site in Skamania County to meet current and future business development needs. The Port and City of North Bonneville have completed zoning, master plans and preliminary design for the site. This project will: finalize engineering/permitting; construct approximately 3,000 linear feet of sanitary sewer line and approximately 6,000 linear feet of water main and fire hydrants; grade the site; and improve site access.  This project is located in the City of North Bonneville, Skamania County, WA.	Port of Skamania County 212 SW Cascade Avenue Stevenson, WA	\$1,921,000
Port of Vancouver	West Vancouver Freight Access Project	All funds will be used for construction of several shovel-ready project elements, each with individual benefits to the overall project. Those project elements include: rail storage infrastructure to accommodate unit trains; relocation of bulk unloading facility to accommodate unit train infrastructure; reconfiguration of port stormwater facility to accommodate new rail infrastructure; grade separated new rail connection from BNSF mainline; and grade separated new road access to Terminal 5. All of the project elements are in the construction phase. Federal funds will be allocated to those project elements which, when coupled with other secured dollars, will be completed in 2011. All sources of funding are being sought (port, private, local, state and federal).	Port of Vancouver 3103 NW Lower River Road Vancouver, WA 98660	\$5,000,000
Providence St. Peter Hospital	Southwest Washington Telestroke Network	The telestroke project will improve patient-focused care by providing specialists at the hub hospital with direct visual assessment of the patient at the spoke hospital, and by incorporating patient demographics, treatment algorithms, and infrastructure to share diagnostic images. With all of this information at hand, the specialist can make a more informed decision. Currently an elementary stroke transfer system is in place, relying on a telephone-only consultation, where neurologists and neurosurgeons physically located at PSPH consult via telephone with emergency physicians at outlying hospitals.  A broadband-based telestroke network would allow physicians treating patients in rural hospitals to consult with a neurologist at an urban hospital over the Internet. Such broadband telestroke networks allow for real-time video conferencing as well as confidential sharing of diagnostic images of the brain. The telestroke network would be structured with a hub at Providence St. Peter Hospital, the largest hospital and trauma center in South Puget Sound and an accredited Primary Stroke Center and Stroke Rehabilitation Center.	Providence St. Peter Hospital 413 Lilly Road NE Olympia, WA 98506	\$300,000
Ridgefield National Wildlife Refuge	NWR River S Bridge Replacement	For the planning and design of a vehicle bridge. This first Request will fund a contract for the planning of the Project. Planning will ensure public involvement and wise, efficient use of taxpayers money. Once the planning occurs (FY2010) an additional Appropriation Request (2012 or 13) will be submitted for funds to construct the Bridge onto the Refuge.	Ridgefield National Wildlife Refuge 28909 NW Main Avenue Ridgefield, WA 98642	\$1,300,000

Share	Share Service Center	<p>Share, a Vancouver based nonprofit organization, has been serving the homeless and hungry of Clark County, consistently expanding and adding programs to meet the needs of the community. Share began as one shelter and a small hot meal program with three part-time staff. Today Share operates four shelters providing housing to 154 men, women and children each night, serves over 100,000 meals to the hungry of our community each year, provides transitional and permanent housing to 120 household each month, distributes 690 backpacks of food every school week at 29 schools, and engages those on the streets through an outreach program. Share employs 34 staff and 33 work study students and interns.</p> <p>Share is experiencing more demand for our services than we can provide, and the limiting factor is space. We are leasing and borrowing facilities, staff is doubled up in offices. This project will provide not only facility space to fulfill the current need, but also space for two other nonprofits to join us on the property and provide expansion room for the future.</p>	Share 1115 West 13th Street Vancouver, WA 98666	\$1,000,000
South Puget Sound Community College	New Design for Learning: College Learning Center	<p>The College Learning Center (CLC) is a systematic and integrated approach to increasing student access and success in science, technology, engineering and math disciplines (STEM). Entering students, including those who are under-prepared and/or from populations who have not typically pursued STEM pathways will receive individualized and group, face-to-face and online tutoring to improve their academic skills. The Center will engage STEM students in academic approaches and research potentials appropriate to the general education disciplines that are integral to STEM pathways. The Center will guide the students' development in STEM pathways by embedding opportunities to develop critical thinking, communication, computation, ethics and multiculturalism skills in preparation for their roles in an increasingly diverse, technologically complex, information-driven society. Funding is requested for eLearning course development technology, Electronic library resources to support STEM curricula, desktop and presentation technology for information skills teaching laboratory, and laboratory equipment in two specific STEM pathways will be upgraded to contemporary industry standards. Funding to support the activities identified within this proposal is not available through state, capital or private resources.</p>	South Puget Sound Community College 2011 Mottman Road SW Olympia, WA 98512	\$485,940
Twin Transit	Bus replacement (three 30 ft. buses)	<p>Scheduled replacement of three 30 ft buses used in intercity routes serving passengers in Centralia and Chehalis. The replacement of three passenger buses will ensure the continuation of intercity services attributing to 183,990 passenger trips annually. The current buses have been in service for 15 years and are beyond their useful life. Twin Transit, a small transit agency, has insufficient reserve funds to purchase the buses outright.</p>	Twin Transit 212 E. Locust St. Centralia, WA 98531	\$874,400
UW	Regional Climate Modeling Facilities	<p>The requested Computing Facility will make the UW and the Joint Institute for the Study of the Atmosphere and Ocean (JISAO) the premiere regional climate modeling center in the Northwest and one of, if not the most, visible centers in the United States. This effort will improve our understanding of the regional impacts of climate change and adaptation strategies needed to address these impacts.</p>	University of Washington 1410 NE Campus Parkway Seattle, WA 98195	\$900,000
UW	National Tidal Energy Test Platform	<p>The plan for the National Tidal Energy Test Platform includes development of technology both for energy recovery and for environmental monitoring. The test platform will be led and directed by the UW Applied Physics Lab (APL) and UW Northwest National Marine Renewable Energy Center (UW-NNMREC), with platform implementation and operation by APL. APL is a Navy University Affiliated Research Center (UARC), with a strong history of research and development to meet Navy and national needs, including innovation in marine technology for the ongoing Ocean Observing Initiative (funded by the National Science Foundation). The platform will accommodate testing for up to three tidal developers simultaneously, and will include a distributed array of environmental monitoring nodes. The environmental monitoring nodes will be implemented first, as part of an adaptive management approach to permitting the test platform. The proposed site, along Marrowstone Island in Admiralty Inlet (Puget Sound), is sufficiently energetic to be representative for commercial operation, and in a range of tidal currents that will allow a smooth transition from lab to field. The energy produced will be consumed by Naval Magazine Indian Island. [A naval magazine provides ordinance related support of weapons, vehicles, tools, etc]</p>	University of Washington 1410 NE Campus Parkway Seattle, WA 98195	\$4,700,000
Vancouver	Energy Recovery and Ash Recycling Pilot Project	<p>The City of Vancouver would purchase state of the art equipment to recover waste heat from sludge incineration at their Westside Wastewater Facility and generate more than 3 million KWH per year of electricity (27% grid load reduction). The equipment would serve as a pilot project for municipal sewage systems nationwide. Approximately 20% of the municipal sewage treatment systems in the country could utilize this new energy producing and waste saving technology. This system would be the first system of its kind installed in the United States. The equipment would also allow for the reuse of 1,840 tons of ash byproduct annually disposed of in a landfill. Lastly, the project would positively impact the Columbia River by lowering the temperature of effluent waste water entering the Columbia River by 4 degrees.</p>	Vancouver 210 E 13th Street Vancouver, WA 98668	\$3,000,000

Vancouver	Waterfront Redevelopment Access Project	<p>A \$2,000,000 federal earmark would be used to construct overall access improvements, including the extension of Grant and Esther Streets connecting downtown Vancouver with the waterfront redevelopment area. The overall project includes the reconstruction of about 1500 feet of rail berm and trestle to accommodate street underpasses and upgraded track on the main line; extension of Grant and Esther streets south through the rail berm to redevelopment site; closure of 8th Street at-grade rail crossings; reconstruction of 6th, Grant and 8th Streets to provide continuity of surface street grid after closures and rail work.</p> <p>The project will construct a fully integrated program of road and rail system improvements to create two new under-crossings through the 30' high BNSF Mainline rail berm, and reconnect Vancouver to the Columbia River. Once the access is created the total value of the private redevelopment on the waterfront is estimated to total \$1.3 billion over the next 15 years. The \$44,600,000 access project includes construction of two new grade-separated BNSF main railway under-crossings as well as an extension of the existing waterfront multi-use trail.</p>	Vancouver 210 E 13th Street Vancouver, WA 98668	\$2,000,000
Vancouver	NE 137th Avenue Improvement Project	<p>The Northeast 137th Avenue Street Improvement project will complete 1 mile of corridor upgrades through a rapidly developing portion of Vancouver. NE 137th Avenue is a minor urban arterial corridor that runs north/south for 6 miles through the core of east Vancouver and urban Clark County. It ties together major arterials roadways and several of the City's largest current and future employment centers. When complete, the roadway will include upgraded street and pavements, urban roundabouts for traffic access and safety, bike lanes, sidewalks, low-maintenance landscaping and sustainable storm water facilities.</p>	Vancouver 210 E 13th Street Vancouver, WA 98668	\$1,500,000
Washington State Parks and Recreation	Lands Acquisition	<p>State Parks proposes to purchase three parcels consisting of 870 feet of ocean waterfront on 10.5 acres at market price from a willing seller. All three parcels are 'vested' for development. The funds will allow acquisition of properties proposed for residential development. The site and vicinity location is shown on the attached page.</p> <p>Acquisition is part of a multi-year plan to obtain property along the southern portion of Long Beach Peninsula in the Seaview Dunes area. Previous purchases avoided other residential and condominium development along this valued Pacific Ocean shoreline. The Seaview Dunes area is immediately adjacent to Cape Disappointment State Park, which is managed in conjunction with the Lewis and Clark National Historical Park.</p>	National Park Service 92342 Fort Clatsop Road Astoria, OR 97103	\$800,000
Wahkiakum County	Ferry Wahkiakum	<p>The request is to fund construction of a new ferry vessel to serve the interstate route between Puget Island, Washington and Westport, Oregon on the lower Columbia River. The current ferry has been in service since the early 1960's. The new ferry would nearly double the capacity of the existing ferry from 12 to 23 vehicles, would include provisions consistent with the current Americans with Disabilities Act (ADA) requirements, and would also accommodate a much larger array of recreational and commercial freight vehicles.</p>	Wahkiakum County PO Box 97 Cathlamet, WA 98612	\$4,015,000
Washington Army National Guard, WA Military Department	Aviation Public Safety and Emergency Equipment - CH-47 External Hoist	<p>The immediate impact of this project to enable the use, if needed, of Washington National Guard soldiers to provide rescue and response to the citizens of Washington. The current solution to emergencies, for example rescues from Mount Rainer, involves calling Oregon National Guard, the Coast Guard, or Army Reserves.</p>	Washington Military Department BLDG 1/TA 20 Camp Murray, WA 98430	\$570,000
Washington Army National Guard, WA Military Department	Aviation Public Safety and Emergency Equipment - UH-60 Star SAFIRE II	<p>This request is for public safety aviation equipment to equip our aircraft to do search and rescue and emergency disaster support when conditions do not allow the aircraft to land (external equipment) or conditions where the visibility is obscured (fog, darkness, smoke, volcano ash, etc.) and imaging equipment is needed (UH-60 Star SAFIRE II and OH-58 Digital Downlink). The imaging equipment provides the ability to see the victims and transmit those pictures and locations to emergency responders who are assisting in the rescue operations. This project funds the purchase and installation of modern Search and Rescue equipment on a portion of the Washington National Guard's helicopter fleet. Specifically, 2 Search and Rescue thermal imaging systems for UH-60 Blackhawk, two air to ground digital imaging downlink systems for the OH-58 Kiowa to transmit real time images of emergency events, and two external rescue hoists for the CH-47D Chinook in order to allow safe rescue anywhere in Washington State. The mounting equipment allows the systems to be moved between aircraft thereby minimizing the total cost of funding the equipment. As aircraft are moved to maintenance this allows other aircraft to continue with the rescue missions.</p>	Washington Military Department BLDG 1/TA 20 Camp Murray, WA 98430	\$1,800,000
Washington Army National Guard, WA Military Department	Aviation Public Safety and Emergency Equipment - OH-58 Digital Downlink	<p>Equipment to provide ground commanders live s team video of disaster scenes, giving unparalleled situational awareness and detailed information such as GPS coordinates. The video downlinks can also be fed to existing receivers in the state Emergency Operations Center.</p>	Washington Military Department BLDG 1/TA 20 Camp Murray, WA 98430	\$345,000

Washington Association of Sheriffs and Police Chiefs	Public Safety Mapping System Project at Evergreen State College	In 2003, the Washington State Legislature created the Washington State School Mapping System. This innovative project is aimed at protecting our schools, students and employees during natural disasters, accidents and acts of terrorism. The system aids police, firefighters, and school officials in emergency response by providing electronically available information regarding school facilities and infrastructure. This information, referred to as "mapping" includes digital floor plans, evacuation plans, utility shut offs, hazardous chemical locations, digital aerial and satellite images of school grounds, and other emergency information. The mapping process also involves meetings with first responders, firefighters, law enforcement, and school officials to develop incident response plans to be efficient at response before disaster occurs. The funding provided by Congress would be directed toward mapping the campus of the Evergreen State College, training of law enforcement, fire department, college staff, and emergency management staff, annual exercises using the mapping system and bringing first responders and college officials together, as well as data and program management.	Washington Association of Sheriffs and Police Chiefs 3060 Willamette Dr. NE #200 Lacey, WA 98416	\$325,000
Washington State National Guard	National Guard Employment Enhancement Project	NGEEP provides unemployed and underemployed Soldiers/Airmen supports to achieve living wage skills by providing pre-apprenticeships, short-term training, certification/testing fees, and sustainment support during training which is not possible using existing government programs. This appropriation will add to the economy throughout the state by providing staffing, basic training, tools, equipment, and sustainment dollars for 300 soldiers and airmen, at a minimum ; providing them the capability to achieve high paying careers in the plumbing and piping trades, electrical construction professions, carpentry and scaffolding building, containment, and multi-craft construction trades, and green technology fields. These jobs are available and will impact every congressional district of Washington state. This appropriation will pay for itself by lowering National Guard attrition that rises after multiple mobilizations. Solid career-oriented employment mitigates losses for the Washington National Guard and builds a stronger force to serve here in Washington and across the globe. It is anticipated this project will reduce attrition by 300+ soldiers and airmen. With an average of \$67,000 to recruit and train each Soldier or Airman, retaining 300 soldiers and airmen represents a total recruiting and retention savings of \$20,100,000.	Washington Military Department BLDG 1/TA 20 Camp Murray, WA 98430	\$1,500,000
WSDOT	SR-14, Gorge Safety Improvements	This safety improvement will result in safer driving conditions along SR-14 and reduce the number of property and injury accidents resulting from unstable slopes. When Congress created the Columbia River Gorge National Scenic Area, limits were place on the residential, commercial, and agricultural growth in the region in order to ensure lasting protection of the delicate ecology of the Gorge. While this has protected the natural scenic elements of the Columbia River Gorge, it has severely limited economic development by the local governments and there by limited their ability to use local tax revenues for roadway improvements. Therefore, the region is requesting federal funding be provided for SR-14 Safety Improvements.	WSDOT 310 Maple Park Avenue SE Olympia, WA 98504	\$2,000,000
WSDOT	I-5 Columbia River Crossing Project	Funding will enable completing the Final Environmental Impact Statement, securing the Record of Decision and initial preliminary engineering. The CRC project will improve livability and sustainability of the project area and the region by reducing congestion, increasing safety, improving air quality and providing transit, bicycle, and pedestrian transportation options.	WSDOT 310 Maple Park Avenue SE Olympia, WA 98504	\$2,000,000
WSDOT	CRC - New Starts	Activities to be funded with this request include completion of Environmental Impact Statement (FEIS), preliminary engineering (PE), start final design (FD), and start right of way (RW) for the transit component of the CRC project. The transit element is an approximate 3 mile extension of light rail to Clark College in Vancouver from the Expo Center in North Portland where the current MAX Yellow Line ends. To accommodate and compliment this major addition to the region's transit system, a variety of additional improvements are also included in the project. These include park-and-ride facilities in Vancouver, changes to C-TRAN local bus routes, and expansion of the current TriMet light rail Ruby Junction maintenance base in Gresham.	WSDOT 310 Maple Park Avenue SE Olympia, WA 98504	\$1,000,000
WSU	Aquaculture, Idaho and Washington	The purpose of this initiative is to establish a comprehensive research and outreach program at the Northwest Center for Aquaculture Research and Education jointly operated by Washington State University and the University of Idaho. Within the scope of the initiative including, but not limited to, new processing technologies to create and expand markets for aquaculture products; aquaculture engineering with particular focus on environmental impacts created by trout-rearing operations, control of pests in both the trout and shellfish industries; trout reproduction; control of growth in trout; economic studies of the trout and shellfish industries; research to validate trout and shellfish as a healthful foods for humans; studies on public perception of the aquaculture industry; expansion of the aquaculture industry (including new species); outreach to the industries; and education of graduate students, tribal members and industry personnel in a variety of areas related to aquaculture.  To save resources, projects funded under this grant receive higher priority for funding if researchers from both Washington State University and the University of Idaho are cooperating in the work. With industry input, nine grants were funded with FY09 funds covering the above focus areas.	Washington State University French Admin Building, RM 422 Pullman, WA 99164	\$1,000,000

WSU	Monitoring for Zebra Mussels and other Aquatic Invasive Species in the Columbia River Basin	The funding being requested will expand current capabilities to detect aquatic invasive species within the Columbia River Basin. The funding will support 1.) expanded monitoring in the Columbia River Basin, including shipboard sampling, SCUBA diving, remotely operated vehicles, and on-site sampling; and 2.) expanded outreach and education about the dangers of invasive species and how the public can help minimize their spread and impact. This will include evaluating existing monitoring efforts for early detection and developing a monitoring strategy within the Columbia River Basin. The project is located at WSU in Vancouver, WA, as well as working through extension offices throughout the Columbia River Basin.	Washington State University French Admin Building, RM 422 Pullman, WA 99164	\$750,000
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