

**FY2010 Military Construction and Veterans Affairs Appropriations Requests
Submitted by Senator Merkley**

The following requests were submitted by Senator Merkley to the Appropriations Committee for consideration as part of the Fiscal Year 2010 Military Construction and Veterans Affairs Appropriations Act.

Project Name: Camp Rilea Infrastructure (Water Supply System)

Request: \$5,135,000

Project Location: Clatsop County, Warrenton, OR

Project Description: The current water distribution system at Camp Rilea is connected to the City of Warrenton water distribution system. The water supply system is part of the Camp Rilea master plan to develop emergency operations capabilities for Clatsop County and the northwest Oregon region. Camp Rilea is at the center of support for communities during natural and man-made disasters. The potential exists that the source, treatment, and storage may be affected by numerous emergency situations, or they may not be accessible during the emergency. The public use of Camp Rilea facilities, particularly in emergency situations, is required for public health safety and sanitation purposes. The project is needed to meet this Emergency Operations Center (EOC) mandate.

The purpose of the project is to develop an independent water supply system that will provide potable drinking water and fire suppression water for Camp Rilea's resident and emergency populations in accordance with OMD's existing Permit to Appropriate Public Waters Number G16125 issued by the Oregon Water Resources Department. The project includes construction of three 200' groundwater supply wells, a 48' by 60' water treatment plant, a 400,000 gallon storage reservoir, well pump stations, 6-inch raw water transmission main lines, and a 12-inch finished water transmission main line. The project is needed to meet the Emergency Operations Center (EOC) mission. In order to meet the requirements, Camp Rilea needs to have an independent water supply.

Project Name: Camp Rilea Infrastructure (Waste Water Treatment Plant)

Request: \$4,322,000

Project Location: Clatsop County, Warrenton, OR

Project Description: Currently, the waste water collection and treatment and disposal system at Camp Rilea is 20 years old, and it has limitations in the capacity and the effluent disposal method. The disposal system has exceeded its designed capacity. In order to continue to provide the capacity to meet the health concerns and sustain operational requirements at Camp Rilea, a different effluent discharge method is needed. The wastewater treatment plant is a central part of the Camp Rilea master

plan to develop emergency operations capabilities for Clatsop County and the northwest Oregon region. The camp is the center of support for communities during natural and man-made disasters.

The project will improve the wastewater treatment plant by providing adequate sanitary sewer treatment for Camp Rilea's resident and emergency populations. The project includes upgrades to existing lagoons, effluent recirculation pump and lines, effluent transfer pumps, approximately 3,500' of force-main, four new rapid infiltration basins; and a water reuse system including filtration, disinfection, and an irrigation pump. Wastewater treatment plant improvements are needed to correct deficiencies of the system built in 1979, by providing sanitary sewer treatment for Camp Rilea's resident and emergency populations in accordance with OMD's existing Water Pollution Control Facilities Permit Number 101887 issued by the Oregon Department of Environmental Quality.

Project Name: **Camp Withycombe Infrastructure (Storm Sewer)**

Request: \$1,291,000

Project Location: Clackamas County, Clackamas, OR

Project Description: Construction of the 41 Infantry Division Armed Forces Reserve Center (AFRC) in FY2009 requires infrastructure issues at Camp Withycombe be addressed. The site's ability to meet minimum standards in infrastructure needs is diminished by increased costs in sewer and water rates due to influence of ground water infiltration because of broken pipes and old tile systems, failures in water lines, in the restricted flow of storm waters because of deteriorated conveyance and detention systems. There are antiquated transformers, power lines, and lighting systems and substandard wiring existing in buildings exceeding fifty years in age. There is insufficient communications systems and supporting equipment. Service roads have deteriorated base structures and major cracking and pot holes due to the heavy use of commercial service trucks and heavy haulers supporting tenant units and maintenance shops.

The project would provide infrastructure utilities to support existing and future construction providing a safe and functional environment for soldiers and tenants thus saving millions in maintenance costs due to failures of major systems. Infrastructure improvements include roads with curbs and landscaping, storm and sewer systems with a new manhole connection, power from overhead to underground conduit with pad mounted transformers and sub metering, all overhead copper replaced by fiber communication systems, reconfigured gas lines and connections, lights in compounds, new water lines with new building connections and valves, and street lighting. The site for this project is state land. Camp must maintain open hours during construction.

Project Name: **Construct Alert Aircraft Shelter**

Request: \$3,600,000

Project Location: 142d Fighter Wing, Portland, Oregon

Project Description: This project constructs a third alert aircraft shelter within the Alert Aircraft Area (AAA) at the Portland Air National Guard base. Their current situation has an alert fighter aircraft loaded with live munitions in a location separated from the AAA. This spare aircraft is required to meet Operation Noble Eagle mission requirements. To utilize this aircraft as a primary or a spare during an alert scramble, they have to load up one pilot and 2 crew chiefs into a truck, and move them to the alert aircraft located approximately a quarter mile away. No other Alert Site has a requirement to drive their personnel to the spare aircraft. This does not allow the appropriate time for alert crews to change to the spare jet and make their required launch time. With the new timing criteria the CFACC has directed and based on the JFACC's intent – the 142d Fighter Wing is incapable of meeting this requirement.

Project Name: **Klamath Falls AFRC/Security Forces Building**

Request: \$14,538,000 – MilCon Army National Guard

\$7,269,000 – MilCon Air National Guard

Project Location: Klamath County, Klamath Falls, OR

Project Description: Currently the Klamath Falls Armory consisting of 21,926 sq. ft., built in 1956, is unable to meet the requirements of newly realigned units. The existing site on which the armory sits is 1.86 acres owned by the State of Oregon. This size is inadequate to accommodate facilities required for the units. There are encroachment issues with regard to the fact that the site is zoned for general commercial use for future development. The Klamath Falls Armory readiness rating based upon Army-wide Installation Status Report criteria is “Red,” indicating the cost to restore this facility is 40% of the plant replacement value, and does not support the military mission. Major deficiencies of this Armory include; not meeting Anti-Terrorism/Force Protection measures, inadequate parking for unit members, and inadequate military vehicle parking. The Armory also has undersized and inadequate offices, restrooms, classrooms, kitchen, heating and cooling systems, utilities, and no fire and life safety systems. This facility does not meet current construction or occupancy codes for ADA, seismic, fire and life safety systems, and is not energy efficient.

For the Air National Guard, the security forces are temporarily occupying a 1959 vintage facility which is severely deteriorated and not properly configured. The facility has many deficiencies. Per the base master plan, the new facility will be sited near the new main entrance and an access road is required to connect the security forces facility with the base road network, to help support Anti-terrorism/Force Protection (AT/FP) measures.

The purpose of this project, for the Army National Guard, is to construct a 40,680 SF facility to support administrative and training functions for C Troop of the 1-82 Cavalry Squadron Dismounted Scouts and support operations for homeland security, antiterrorism, and force protection.

For the Air National Guard, the base requires a 14,000 square foot properly configured facility for the 173d Security Force Squadron to accommodate security force functions in support of 21 Primary Assigned F-15 aircraft. Functional areas include command, administration, pass and ID, law enforcement, arms vault with cleaning and maintenance area, classroom, training, counseling, mobility storage, mobility pallet build-up area, and locker rooms. Adequate parking for government and privately owned vehicles is needed.

Project Name: **New Fire Crash Facility**

Request: \$7,300,000

Project Location: 173d Fighter Wing, Air National Guard, Kingsley Field, Klamath County, Oregon

Project Description: The 173d requires a properly configured, environmentally safe fire station to meet the requirements of a 25-person, three-shift, primary station. Twelve firefighters will be added between FY10 to FY12 and need facilities covered by a fire protection system with adequate bay parking for eight response vehicles. This fire department provides primary fire/crash rescue response for the Klamath Falls Airport and the Kingsley Field ANG Base. It provides mutual aid support for wildland fire support, infrastructure fire suppression, emergency response needs, and more.

The current facility lacks space for equipment storage, administration, maintenance, and vehicle parking. Firefighting equipment is currently on racks in the vehicle bays and causes a safety hazard. Administration space is limited. The facility lacks a bio-hazard clean up room to clean equipment after medical incidents, a clean room to service Self Contained Breathing Apparatus equipment, hose storage and drying area, protective clothing laundry and disinfecting area, and a controlled area for medical supplies.

This project incorporates Leadership in Energy and Environmental Design (LEED) and sustainable development concepts to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the natural environments through all phases of its life cycle. It's consistent with the Energy Policy Act of 2005 (EPA05) and Executive Order 13423 requirements. An economic analysis compared the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was cost efficient over the life of the project.

Project Name: **Polk County Readiness Center**

Request: \$17,256,000

Project Location: Polk County, Dallas, OR

Project Description: The 18,206 square foot Dallas Armory, built in 1911, is the oldest operational armory in the State of Oregon. The Armory has structural failure substantiated by a structural analysis done in FY2009. The roof and supporting members are severely damaged from age exacerbated by environmental exposure due to severely cracked structural masonry. The unit has vacated the existing facility to preclude injury or loss of life. The existing site on which the armory facility sits is 0.34 acres owned by the State of Oregon. This size does not meet standards to accommodate facilities required by the newly transformed units, or current force protection standards. The unit's vehicles and equipment are stored on Polk County leased ground of 1.75 acres and in 678 square feet of shared maintenance building space. Dallas Armory readiness rating based upon Army-wide Installation Status Report criteria is "Black," indicating the cost to restore this facility far exceeds 40% of the plant replacement value, and does not support the military mission. Major deficiencies of this Armory include; not meeting Anti-Terrorism/Force Protection measures, inadequate parking for unit members, and inadequate military vehicle parking. The Armory also has undersized and inadequate offices, restrooms, classrooms, kitchen, heating and cooling systems, utilities, and no fire and life safety systems. This facility does not meet current construction or occupancy codes for ADA, seismic, fire and life safety systems, and is not energy efficient.

The purpose of this project is to replace the existing armory in Dallas, Oregon to adequately accommodate the 162 Engineer Company. Specifically, the project would design and construct a 40,263 square foot readiness center to support administrative and training functions of 162 Engineer Company (MAC), with adequate classroom and administrative space for training and operations for homeland security, antiterrorism and force protection.

Project Name: The Dalles Readiness Center

Request: \$17,023,000

Project Location: Wasco County, The Dalles, OR

Project Description: Currently, The Dalles Armory at 11,776 sq. ft. and built in 1951 is unable to meet the requirements of newly realigned units. The Dalles Armory readiness rating based upon Army-wide Installation Status Report criteria is "Black," indicating the cost to restore this facility far exceeds 40% of the plant replacement value, and does not support the military mission. Major deficiencies of this Armory include; not meeting Anti-Terrorism/Force Protection measures, inadequate parking for unit members, and inadequate military vehicle parking. The Armory also has undersized offices, restrooms, classrooms, kitchen, heating and cooling systems, utilities, and no fire and life safety systems. This facility does not meet current construction or occupancy codes for ADA, seismic, fire and life safety systems, and is not energy efficient.

This project would fund construction of a 45,967 square foot readiness center to support administrative and training functions of A(-) 3-116 Rifle Cavalry, with adequate classroom and administrative spaces for training and operations for homeland security, antiterrorism and force protection.

Project Name: Washington County Readiness Center

Request: \$1,000,000

Project Location: Washington County, Hillsboro, OR

Project Description: Currently, the Hillsboro Armory, at 14,082 sq. ft. and built in 1955, is unable to meet the requirements of newly realigned units. The existing site of 2.3 acres does not meet standards to accommodate facilities required by the newly transformed units or current force protection standards. There are encroachment issues with regard to commercial enterprises wanting to acquire the existing armory site for development. The Hillsboro Armory readiness rating based upon Army-wide Installation Status Report criteria is "Black," indicating the cost to restore this facility far exceeds 40% of the plant replacement value, and does not support the military mission. Major deficiencies of this Armory include; not meeting Anti-Terrorism/Force Protection measures, inadequate parking for unit members, and inadequate military vehicle parking. The Armory also has undersized and inadequate offices, restrooms, classrooms, kitchen, heating and cooling systems, utilities, and no fire and life safety systems. This facility does not meet current construction or occupancy codes for ADA, seismic, fire and life safety systems, and is not energy efficient.

This project would fund the replacement of the existing armory in Hillsboro, Oregon to adequately accommodate units of D Company 2 Battalion of the 162 Infantry Regiment. Specifically, it would construct a 37,707 sq. ft. facility to support administrative and training functions for the unit, with adequate classroom and administrative space for training and operations for homeland security, antiterrorism, and force protection.

Project Name: Washington County Field Maintenance Shop

Request: \$1,000,000

Project Location: Washington County, Hillsboro, OR

Project Description: This project is a new requirement due to realigned units and increase in vehicle and equipment density. This new Field Maintenance Shop (FMS) would support units stationed in Northwestern Oregon between West Portland and the Coast Range that currently are supported by Field Maintenance Shops in North Portland. The distance from supported units to existing FMS(s) and the traffic congestion in Portland, Oregon increase costs in fuel and labor. The current equipment densities at existing field maintenance shops has exceed facility capabilities due to realignment and transformation. The increase in equipment density exceeds the capacity of existing FMS compounds for storage of vehicles and equipment as well as a lack of bays for in shop maintenance.

The purpose of the project is to design and construct a new 21,000 square foot Field Maintenance Shop to maintain and issue/turn-in equipment for peacetime training and to ensure the equipment is prepared for mobilization. The FMS is an Army National Guard maintenance facility which provides full-time Organizational and Direct Support field level maintenance.