

**ECONOMIC DEVELOPMENT & NATURAL RESOURCES SUBCOMMITTEE
BOND BILL REQUESTS**

DEPARTMENT OF AGRICULTURE

\$850,000 - Consumer Protection

Description of the request: The funding would be spent in the Laboratory and Consumer Services Department within the Consumer Protection Division on large scale and lab equipment. The majority of this funding is to purchase laboratory equipment, such as ANKOM XT15 Fat Extractor, double door seed germinators, seed incubators and drying ovens, balances, protein analyzer, and a Laboratory Information Management System (LIMS).

Explanation of the request:

- \$320,000 is for large-scale trucks and the remainder is for new equipment to comply with new federal food safety laws, updated equipment for SCDA's Petroleum Lab, and large-scale fencing and security for the lab.

\$490,000 - Pee Dee Regional Farmers Market

Description of the facility: Situated on fifty-five acres of once rural farmland, the Pee Dee Market, located on US Highway 52 between Florence and Darlington is convenient to Interstates I-95 and I-20. Open year round, the Market showcases some of the state's freshest and finest produce but it has also become a prime location for the ornamental horticulture and floriculture industry. The Pee Dee Market is a destination stop on the way to Myrtle Beach and for travelers north and south along the eastern seaboard.

Explanation of the request:

- \$490,000 for parking lot/entrance resurfacing, roof repair on two main buildings, to replace large market truck and tractor and facility deferred maintenance, including walk-in refrigerators and replacing non-repairable existing entrance sign.

CLEMSON PSA

\$10,000,000 - T. Ed Garrison Arena Education and Conference Center

Description of the facility: The T. Ed Garrison Arena, near the Clemson campus, provides an event venue for livestock and equine events that draw participants and spectators from throughout the Southeast. The proposed conference center and facility improvements will attract additional large-scale events to the arena. This Conference Center will allow Clemson University PSA to recruit regional and national events as well as, trade shows in the Horticultural, Livestock, Small Animal, and Agriculture Equipment Industries, etc. It also will serve the educational needs of the university as a venue for student-centered events and indoor experiential lab space.

Explanation of the request:

- \$8 million for new construction of a 30,000 SF climate controlled conference center
- \$2 million for 45,000 SF covered open-air arena and schooling arena as an expansion of equine facilities

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\$7,000,000 - Facility Renovation for Water Research

Description of the facility: Clemson proposes to renovate and upgrade a building that originally housed Environmental Toxicology research, and establish a programmatic base for the comprehensive water resources program. The building was built in 1991 and has not been renovated since that time. The building includes laboratory and meeting space and is an ideal near-campus location for research, monitoring, analysis, and technical instruction. Additionally, the landscape includes opportunities for research that exactly corresponds with community needs in managing polluted runoff affecting our SC waterways. This facility will house the Water Resources Center to conduct virtual meetings, on-site trainings, and webinars across the state and with southeast partnering universities. Renovation includes new laboratory instrumentation as well as overall building repairs and renovations. Once renovated, the team of water resources experts will be based in this building to conduct analytical water-related research, and provide research-based natural resources management outreach, instruction, and demonstration. Its proximity to campus and research space will unify staff and create capacity for more collaborative research supported by grants and private funding.

Explanation of the request:

- \$5 million to renovate the building
- \$1.5 million for laboratory equipment
- \$500,000 for field equipment

DEPARTMENT OF COMMERCE

\$5,000,000 - LocateSC

Description of the request: The Department of Commerce's successes over the last several years in recruiting new businesses to our state has reduced the number of suitable sites and building for potential new investment and expansions. One of the challenges in the state's economic development business is planning future industrial sites near major arterials so companies can have ready access to interstate highways, railroads and ports. Locate SC funding will allow the state to be proactive in preparing sites into suitable inventory for potential economic development projects.

Explanation of the request:

- \$5 million for increasing available site inventory

RURAL INFRASTRUCTURE AUTHORITY

\$25,000,000 - Water and Sewer Infrastructure

Description of the request: The Water and Sewer Infrastructure Investment Program will provide resources to help maintain a safe and healthy environment for residents and build the infrastructure capacity to support new and existing businesses. Financial assistance can address the growing need to replace old and deteriorated water and sewer facilities in order to comply with environmental standards and to improve or construct new facilities capable of supporting future economic opportunities in areas with high growth potential. RIA can partner with the

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Department of Commerce to provide assistance to large infrastructure projects with consideration given to need, feasibility and impact.

Explanation of the request:

- \$25 million for water and sewer infrastructure for economic development

STATE PORTS AUTHORITY

\$27,800,000 - Wando Welch Terminal - Container Yard Optimization (Stacking Realignment)

Description of the facility: The current container capacity of the Wando Terminal is approximately 1.6 million TEU. Based on the forecast of larger vessels and increased cargo demand, the present capacity of the container yard will be exceeded in 2018. Through static and dynamic simulation analysis, a strategy to increase cargo capacity within the existing container yard area has been developed. The optimization will be achieved by a reconfiguration of the container yard and placing container stacks back to back. Modifications to the container yard will be achieved in a phased approach over three years to reduce disruptions to existing operations, meeting increasing demands as necessary. The densification includes a revised striping plan of container slots and roadways, and relocation and upgrade of lighting and utilities. Once complete, the capacity of the terminal would be enhanced to meet expected demand. This capacity, coupled with additional capacity under construction, is projected to meet forecasted market demands to 2031.

Explanation of the request:

- \$27.8 million for increased container capacity through: (i) tighter stacking configuration in the yard and (ii) purchase of additional container handling equipment.

\$8,400,000 - Wando Welch Terminal - Traffic Flow Improvements

Description of the facility: The volume of container cargo at the Wando Welch Terminal (WWT) has increased significantly over the past year due to the industry's shift to larger vessels and above average growth. The additional volume of cargo and trucks has placed a strain on the existing infrastructure, especially during peak hours. As a result, and to accommodate future cargo projections, improvements to the WWT's traffic throughput and safety are required. A terminal traffic study is underway to analyze existing and forecasted traffic volume and flow patterns. These improvements will help alleviate congestion between the Wando Terminal and I-526 on Long Point Road.

Explanation of the request:

- \$8.4 million for As a result of this study, improvements will be made including additional lanes, queuing capacity, separating commercial cargo traffic from personal vehicles, additional parking, and increased capacity at the security entrance/exit facility.

\$5,000,000 - South Carolina Inland Port Dillon - Terminal Construction

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Description of the facility: Located in the Pee Dee region of South Carolina, Dillon was selected for its proximity to I-95, a critical transportation artery in the Southeast. The surrounding area is also a significant base of existing port customers and represents expanding cargo opportunities for the facility. The site is served by a CSX railroad mainline and provides overnight access to the Port of Charleston. SCIP Dillon will create a competitive advantage for area businesses by lowering transportation costs and providing greater access to domestic and international markets. This new facility enhances the state of South Carolina's strong freight rail network supporting continued business and job creation.

Explanation of the request: Phase 1 of SCIP Dillon will include construction of two 5000' long rail processing tracks for loading and unloading cargo, located adjacent to a new 30 acre intermodal facility. The facility includes an operations building, maintenance building, gate systems, utilities, and container storage. Equipment required to execute this operation includes two Rubber-Tired Gantry (RTG) cranes and two Empty Container Handler cranes.

\$5,600,000 - South Carolina Inland Port Greer - Pavement Remediation and Yard Expansion

Description of the facility: SCIP Greer has been an overwhelming success for SCPA. The number of rail lifts through FY 2017 has increased nearly 26% over the same period last year. There were 91,673 rail lifts in FY 2016 and expect nearly 115,000 rail lifts for FY 2017. The design capacity of the terminal is 125,000 lifts per year, and expect to exceed that volume in FY 2018. With this forecast, SCPA must expand the terminal capacity, increasing both rail and yard storage capacity to handle the expected volume of cargo.

Explanation of the request: The increase in volume equates to increased traffic and loading on the pavement, and is having a detrimental effect on the condition of the pavement at the high traffic areas of the terminal. The distressed concrete must be removed and replaced before allowing additional damage to adjacent pavement due to storm water penetration to the subgrade.

\$3,200,000 - Jasper Ocean Terminal - Permitting

Description of the facility: The Jasper Ocean Terminal (JOT) Joint Venture, a partnership between the Georgia Ports Authority (GPA) and the South Carolina Ports Authority (SCPA), has proposed to develop a state-of-the-art marine container terminal on the northern bank of the Savannah River, in Jasper County, SC. The U.S. Army Corps of Engineers (Corps), Charleston District (SAC) is preparing an Environmental Impact Statement (EIS) to assess the potential social, economic, and environmental effects associated with the construction and operation of the proposed JOT project. According to the JOT Joint Venture, the Ports of Charleston and Savannah are expected to experience limitations and inefficiencies in the future as a result of forecasted growth in the demand for containerized cargo within the region

Explanation of the request: The requested funds will cover South Carolina's portion of the EIS permitting process in the upcoming fiscal year.