

- (b) Summary 7-2018: JBRC Item 2. (H12) Clemson University
 Project: 9940, Daniel Hall Renovation and Expansion
 Included in Annual CIP: Yes – CIP Priority 5 of 7 in FY18 (estimated at \$45,000,000)
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: Pending CHE Board Approval on 6/7/18

Ref: Supporting document pages 8-14

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Maintenance & Stewardship	0.00	0.00	0.00	1,000,000.00	1,000,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,000,000.00</u>	<u>1,000,000.00</u>

Funding Source: \$1,000,000 Other, Maintenance & Stewardship Funds, which are tuition, matriculation and other debt retirement and plant transfers revenues that are not formally obligated to fund debt service in the current period and that are responsibly transferred to and managed by the State Treasurer until the time of their State Treasurer approved qualified use.

Request: Establish project and budget for \$1,000,000 (Other, Maintenance & Stewardship Funds) to begin Phase I pre-design to renovate the 68,000 square foot Daniel Hall general classroom building and expand the facility by approximately 75,000 square feet. The Phase I pre-design budget is requested at 2.22% of the estimated project cost and the additional amount will allow the university to provide for additional field investigation on the existing facility and for site investigations for utilities. It will also provide the preconstruction services of a construction manager at risk. The renovations will include upgrading the HVAC and fire protection systems, improving accessibility, replacing exterior doors, improving the auditorium and repainting classroom walls. The expansion will include constructing new classrooms, a new 220-seat auditorium, and informal learning spaces. Daniel Hall was constructed in 1969 and has had minimal renovations since. It is the principal classroom building for and affects nearly every undergraduate student during their enrollment. While Daniel Hall has been well maintained and is in good condition, a complete renovation has not been possible due to heavy course loads and therefore, it is functionally deficient. The expansion will free up the current space and allow renovation without having a detrimental impact on classroom availability and utilization. Since Daniel Hall's construction, enrollment has increased from 6,700 to more than 24,300 students and is projected to grow another 20% over the next ten years. Expansion is needed to support growing enrollment and to address limited classroom availability and high utilization throughout campus. It will also allow for continuing core undergraduate instruction in an effective learning environment without disruptions from the existing facility's renovation. Several alternatives were considered but found to be disadvantageous. A comprehensive gut renovation of Daniel Hall was considered, but to bring the building up to modern instructional and space standards would have required substantial structural retrofits and a new building envelope and would cost more than construction of a new building. Also, a two-phase plan with new construction and renovation similar to the proposed scope was evaluated but was determined to be more expensive and more disruptive to the campus and students. The proposed project will enable Clemson to achieve economies of scale and efficiencies while minimizing disruption to students. The agency estimates that the completed

project will cost approximately \$45,000,000 with additional annual operating costs of \$487,500 in year 1, \$502,125 in year 2, and \$517,188 in year 3.

- (c) Summary 7-2018: JBRC Item 3. (H12) Clemson University
 Project: 9941, Soccer Operations Complex Construction
 Included in Annual CPIP: Yes – CPIP Priority 2 of 2 in FY19 (estimated at \$8,000,000)
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: Pending CHE Board Approval on 6/7/18

Ref: Supporting document pages 15-21

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u> <u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Athletic Gifts & Donations	0.00	0.00	0.00	160,000.00	160,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>160,000.00</u>	<u>160,000.00</u>

Funding Source: \$160,000 Other, Athletic Gifts & Donation Funds, which are amounts received from individuals, corporations and other entities that are to be expended for their restricted purposes in support of the Athletic Department.

Request: Establish project and budget for \$160,000 (Other, Athletic Gifts & Donation Funds) to begin Phase I pre-design to construct an approximately 13,000 square foot Soccer Operations Complex to house the day-to-day functions of the men's and women's NCAA soccer programs at Clemson. The Phase I pre-design budget is requested at 2.00% of the estimated project cost and the additional amount will allow the university to provide for the costs of a survey, site/geotechnical investigations, an alternative construction delivery method (Construction Manager at Risk), the LEED/Green Globes certification, and the required LEED/Green Globes cost benefit analysis. The facility will include locker rooms, team commons areas, coaches' offices, meeting rooms and storage areas for each team and shared spaces including the lobby/event area, video analysis rooms, sports medicine areas, outdoor plaza and parking. Currently, soccer operations are located in non-contiguous locations. Coaches' offices, locker rooms and training spaces are located on different floors of the Jervey Athletic Center and are separated from the locations of the practice soccer fields and Riggs Field, used for competition. The co-location of all player and coach operations is imperative to gain training efficiencies and foster the positive program culture and dynamics needed for continued growth of the men's and women's soccer programs. The efficiencies found within a planned operations facility is the best way to attract and develop student athletes needed to compete on a national level. With the recent construction of soccer practice fields, it is most advantageous to locate the new complex adjacent to this site. The agency estimates that the completed project will cost approximately \$8,000,000 with additional annual operating costs of \$84,500 in year 1, \$87,035 in year 2, and \$89,646 in year 3.

- (d) Summary 7-2018: JBRC Item 4. (H59) Midlands Technical College
 Project: 6140, Midlands Center for QuickJobs Training and Workforce Development
 Included in Annual CPIP: Yes—CPIP Priority 1 of 1 in FY19 (estimated at \$30,000,000 for this project)
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: Pending CHE Board Approval on 6/7/18

Ref: Supporting document pages 22-28

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current</u> <u>Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, County	0.00	0.00	0.00	1,050,000.00	1,050,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>1,050,000.00</u>	<u>1,050,000.00</u>

Funding Source: \$1,050,000 Other, County Funds, which are funds the college receives from the county for the operation of the college's physical plant.

Request: Establish project and budget for \$1,050,000 (Other, County Funds) for the complete replacement of the existing four-story 65,000 square foot Lindau Engineering Technology (LET) building on the site of the existing two-story 13,000 square foot Engineering Lab (EL) building. The Phase I pre-design budget is requested at 3.50% of the estimated project cost and the additional amount will be used for preliminary design, LEED analysis and Construction Management at Risk pre-construction fees. Both 50 year old buildings will be demolished and a parking area will be constructed on the LET site. Replacement is consistent with the college's Master Facilities Plan. Career readiness of the workforce is the primary objective of the proposed Midlands Technical College (MTC) Center for QuickJobs Training and Workforce Development at the MTC Beltline Campus. The facility's programs will directly target the rapid training of specific workforce skills critically required by employers in the college's service area. The college currently lacks efficient and effective space for Business Programs and Information Technology Programs and this new facility will provide space for these programs. General purpose classrooms and basic science labs will also be included in the space to allow students to access those courses from Beltline campus. The new facility is currently planned to be a four-story 54,000 square foot instructional facility. The most recent Facility Condition Survey rates the building at 63 and is in relatively poor condition. Renovation of the existing space was an alternative considered but a/e studies indicate renovation of the space would require significant systems, finishes and code related investments well beyond financial prudence. There is also no open land on the campus in which to build a new facility. The agency estimates that the completed project will cost approximately \$30,000,000 and additional annual operating costs/savings have not yet been determined.

- (e) Summary 7-2018: JBRC Item 5. (H59) Technical College of the Lowcountry
 Project: 6141, Construction of the Lowcountry Arts Institute and Interpretive Center
 Included in Annual CPIP: No – The agency states that it originally planned to integrate a culinary training facility in its New River campus; a project included in the FY18 CPIP. The agency subsequently determined that the original plan was insufficient to meet current and future work force demand.
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: Pending CHE Board Approval on 6/7/18

Ref: Supporting document pages 29-50

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u> <u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Beaufort County	0.00	0.00	0.00	145,000.00	145,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>145,000.00</u>	<u>145,000.00</u>

Funding Source: \$145,000 Other, Beaufort County Funds, which are a contribution that has been committed by Beaufort County from their Accommodation Tax funding, to ensure the construction of a Culinary Arts Institute and Interpretive Center.

Request: Establish project and budget at \$145,000 (Other, Beaufort County Funds) to begin Phase I pre-design services for the goal of constructing and equipping an approximately 26,000 square foot culinary arts institute. The College is considering the acquisition of 1.0 acres of property in the Buckwalter Place Commerce Park in Bluffton SC. This acquisition is included in this agenda as project H59-6139. The culinary institute will allow expansion of the college's culinary program to a capacity of up to 300 students in order to provide a pipeline of trained, professional culinary workers to bolster the region's top economic drivers; the resort industry and the healthcare industry. Construction of this institute will enable the college to offer associates degrees and certificates. Graduates from the program are expected to have starting salaries in advance of local averages and to be marketable throughout the state in a variety of food service employment. The college's current culinary program's academic scope and enrollment cap, which remains limited by existing academic space, cannot meet current or future workforce demand for the area's two leading industries. This project will be fully funded through commitments made by Beaufort County, Beaufort County School District, and the Town of Bluffton. The agency estimates that the completed project will cost approximately \$10,445,000, with additional annual operating costs of \$108,000 in year 1, \$391,560 in year 2, and \$495,126 in year 3.

- (f) Summary 7-2018: JBRC Item 6. (P24) Department of Natural Resources
 Project: 9982, St. Charleston-Crab Bank Rehabilitation
 Included in Annual CPIP: No – While a communication was made with the USACE on November 2, 2016, the process did not offer the department an assurance the project could be considered until recently.
 JBRC/SFAA Phase I Approval: N/A
 CHE Recommended Approval: N/A
 Ref: Supporting document pages 51-63

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Heritage Land Trust	0.00	0.00	0.00	62,500.00	62,500.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>62,500.00</u>	<u>62,500.00</u>

Funding Source: \$62,500 Other, Heritage Land Trust Funds, which are funds used to acquire in fee simple or lesser interest in priority areas, legal fees, appraisals, surveys, or other costs involved in the acquisition of priority areas, and for the development of minimal facilities and management necessary for the protection of priority areas.

Request: Establish project and budget for \$62,500 (Other, Heritage Land Trust Funds) for rehabilitating Crab Bank, located in Charleston Harbor. The Phase I budget will support the plan for design and placement of the dredged material and sediment modeling analysis. The rehabilitation is made possible as a result of the Post-45 Charleston Harbor Deepening project and will utilize certain dredged material from the harbor bottom. The rehabilitation plan calls for the placement of 660,000 cubic yards of suitable dredged material on Crab Bank, increasing the size from 0.5 acre to 80 acres. This will make available 28 acres of Brown Pelican nesting habitat at +2' Mean High Water. Island height will range between 6.5' and 10' Mean Low Low Water. Through modeling, the United States Army Core of Engineers (USACE), estimates that approximately 0.64 acres of the island would remain in 50 years following rehabilitation. Crab Bank is one of five DNR seabird sanctuaries along South Carolina's coast. The island was originally formed with the placement of dredged material in the 1950s and 60s, but has eroded significantly over time. In the early 2000s, Crab Bank was approximately 23 acres, a substantial difference to its existing 0.5 acres. Although small in size, the island serves a a predator-free refuge for nesting pelicans, skimmers and terns. It also serves as a resting and foraging area for a variety of seabirds and shorebirds. However, Hurricane Irma washed away the remaining available nesting habitat in 2017, therefore no nesting is occurring this year. Shorebirds are of highest conservation concern due to small and highly threatened global populations; their populations have shrunk by 70% across North America since 1973. As the committed non-federal sponsor on this project, SCDNR is obligated to provide 35% of the total project cost which is currently estimated at \$1,394,000. Without the opportunity of the Post-45 Charleston Harbor Deepening providing suitable material to rehabilitate Crab Bank and through the financial partnership with the USACE, providing 65% of the costs above the least cost alternative for dredged material disposal, Crab Bank will recede and no longer provide nesting habitat to seabirds. The agency estimates that the completed project will cost approximately \$1,394,000 and no additional annual operating costs will result from the project.

- (g) Summary 7-2018: JBRC Item 7. (P28) Department of Parks, Recreation & Tourism
 Project: 9769, St. Phillips Island Revetment Repair
 Included in Annual CPIP: No – The agency states that St. Phillips Island was not acquired until December 2017.
 JBRC/SFAA Phase I Approval: N/A
 CHE Recommended Approval: N/A
 Ref: Supporting document pages 64-69

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Appropriated State, FY17-18 Proviso 118.14 (nonrecurring)	0.00	0.00	0.00	15,000.00	15,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>15,000.00</u>	<u>15,000.00</u>

Funding Source: \$15,000 Appropriated State, FY17-18 Proviso 118.14 (nonrecurring) funds.
 Request: Establish project and budget for \$15,000 (Appropriated State, FY17-18 Proviso 118.14 (nonrecurring) funds) to begin pre-design services for the repair to the rip rap revetment at St. Phillips Island. The revetment at St. Phillips Island was damaged by Hurricane Irma on the northern end near the caretaker's house. The breach in the revetment is allowing accelerated erosion in this area. Phase I expenditures will include any design work needed to prepare the permit applications, preliminary design and cost estimate. The agency estimates that the completed project will cost approximately \$1,000,000 and no additional annual operating costs will result from the project.

- (h) Summary 7-2018: JBRC Item 8. (R36) Department of Labor, Licensing & Regulation
 Project: 9511, Training Tower Structural Evaluation and Repairs – Building #12
 Included in Annual CPIP: Yes – CPIP Priority 3 of 6 in FY18 (estimated at \$575,000)
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 70-76

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Other Operating	0.00	0.00	0.00	50,000.00	50,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>50,000.00</u>	<u>50,000.00</u>

Funding Source: \$50,000 Other, Other Operating Funds, which are funds received from the 1% Fire Insurance Inspection Tax.

Request: Establish project and budget for \$50,000 (Other, Other Operating Funds) to begin a structural evaluation and repair of an existing 24 year old five-story 10,476 square foot drill tower that is a training structure on the state owned campus of the South Carolina Fire Academy, within the Division of Fire and Life Safety on Monticello Road in Columbia. The current condition of the exterior brick façade has visible deterioration, has become a safety hazard and must be remediated. It is the intent of State Fire to not only complete a thorough structural evaluation to determine the underlying cause of the crumbling brick façade, exterior cracks and shifting motyst joints, but also to facilitate repairs to eliminate any future degradation of the brick façade. It appears the combination of brick used in the construction and continued exposure to the elements (rain, moisture) continues to damage the structure, requiring the entire brick façade to be removed and replaced with a safer finish. This structure is used continuously for hundreds of firefighter training classes throughout the year. Approximately 15,000 of South Carolina' firefighters and other first responders receive training at the Fire Academy annually. This remediation will sustain the training structure for many decades into the future. The Phase I estimated amount to complete the project is \$164,771 higher than the amount included in the CPIP because the building had not been evaluated by a professional at the time the CPIP was prepared. It was noted in the CPIP that bricks were falling off of the building, however, the agency did not know if the issue was structural or not until the feasibility study was completed. The agency estimates that the completed project will cost approximately \$739,771 and no additional annual operating costs will result from the project.

Phase I Increase

- (i) Summary 7-2018: JBRC Item 9. (N12) Department of Juvenile Justice
 Project: 9606, Coastal Regional Center
 Included in Annual CPIP: No – This project was part of the Master Plan which wasn't completed until after the CPIP submission.
 JBRC/SFAA Phase I Approval: December 2017 (estimated at \$3,676,286.25)

CHE Recommended Approval: N/A

Ref: Supporting document pages 77-81

<u>Source of Funding Detail</u>	<u>Original Budget Amount</u>	<u>Cumulative Changes Since Original Budget</u>	<u>Current Budget</u>	<u>Current Budget Adjustment Requested</u>	<u>Total Budget After Current Adjustment</u>
Appropriated State, FY17 Carryforward	142,500.00	0.00	142,500.00	171,712.50	314,212.50
All Sources	<u>142,500.00</u>	<u>0.00</u>	<u>142,500.00</u>	<u>171,712.50</u>	<u>314,212.50</u>

Funding Source: \$314,212.50 Appropriated State, FY17 Carryforward Funds.

Request: Increase the Phase I budget to \$314,212.50 (add \$171,712.50 Appropriated State, FY17 Carryforward Funds) This project will implement regionalization across the state. The Phase I pre-design budget is requested at 8.50% of the estimated project cost and the additional amount will provide for utility and environmental studies, surveying (topography), soil testing, programming, space allocation and construction management. This project will address the needs at the Coastal Regional Center located in Ridgeville, which will accommodate the programs needed for juveniles in the coastal area of SC. Regionalization represents a fundamental shift in how committed youth will be served by the juvenile justice system. It will allow youth to be housed closer to their home communities instead of committing them to distant state facilities. Regionalization brings neighboring counties together to share resources and services to better serve youth close to their homes. Other advantages of regionalization include increased family engagement, transitional programming and contact with other providers, community resources, and parole and probation proficiency. A smaller population of youth in each center may also reduce gang issues and behavior issues. This project will include the construction of a multi-purpose building for clinical, program and security staff, vocational classrooms for the juveniles; security upgrades to include the expansion/new construction of perimeter fencing; and expanding the footprint of the property by creating new recreational space. Even though this project request is for the Coastal Center, all 3 current evaluation centers will eventually be included in this reorganization as separate projects. The new regional center building to be constructed will be an 11,000 square foot pre-engineered building, and will accommodate 175 juveniles. This building will have a masonry base and metal wall panels with a standing-seam sloped metal roof. The recreation space will include indoor and outdoor space to include a soccer field with running track and basketball courts. There is an existing Coastal Evaluation Center, constructed in 2002, located on the 11 acre property that will also continue to be used as part of the Coastal Regional Center but it will not be renovated in this project. The agency estimates that the completed project will cost approximately \$3,676,286.25 and additional annual operating costs have not yet been determined.

- (j) Summary 7-2018: JBRC Item 10. (N12) Department of Juvenile Justice
 Project: 9607, Upstate Regional Center
 Included in Annual CPIP: No – This project was part of the Master Plan which wasn't completed until after the CPIP submission.
 JBRC/SFAA Phase I Approval: December 2017 (estimated at \$3,676,286.25)
 CHE Recommended Approval: N/A
 Ref: Supporting document pages 82-86

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u> <u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Appropriated State, FY17 Carryforward	142,500.00	0.00	142,500.00	171,712.50	314,212.50
All Sources	<u>142,500.00</u>	<u>0.00</u>	<u>142,500.00</u>	<u>171,712.50</u>	<u>314,212.50</u>

Funding Source: \$314,212.50 Appropriated State, FY17 Carryforward Funds.

Request: Increase the Phase I budget to \$314,212.50 (add \$171,712.50 Appropriated State, FY17 Carryforward Funds). This project will implement regionalization across the state. The Phase I pre-design budget is requested at 8.50% of the estimated project cost and the additional amount will provide for utility and environmental studies, surveying (topography), soil testing, programming, space allocation and construction management. This project will address the needs at the Upstate Regional Center located in Union, which will accommodate the programs needed for juveniles in the upstate area of SC. Regionalization represents a fundamental shift in how committed youth will be served by the juvenile justice system. It will allow youth to be housed closer to their home communities instead of committing them to distant state facilities. Regionalization brings neighboring counties together to share resources and services to better serve youth close to their homes. Other advantages of regionalization include increased family engagement, transitional programming and contact with other providers, community resources, and parole and probation proficiency. A smaller population of youth in each center may also reduce gang issues and behavior issues. This project will include the construction of a multi-purpose building for clinical, program and security staff, vocational classrooms for the juveniles; security upgrades to include the expansion/new construction of perimeter fencing; and expanding the footprint of the property by creating new recreational space. Even though this project request is for the Upstate Center, all 3 current evaluation centers will eventually be included in this reorganization as separate projects. The new regional center building to be constructed will be an 11,000 square foot pre-engineered building, and will accommodate 190 juveniles. This building will have a masonry base and metal wall panels with a standing-seam sloped metal roof. The recreation space will include indoor and outdoor space to include a soccer field with running track and basketball courts. There is an existing Upstate Evaluation Center, constructed in 1997, located on the 17 acre property that will also continue to be used as part of the Upstate Regional Center but it will not be renovated in this project. The agency estimates that the completed project will cost approximately \$3,676,286.25 and additional annual operating costs have not yet been determined.

Establish Construction Budget

- (k) Summary 7-2018: JBRC Item 11. (H15) College of Charleston
 Project: 9667, Sottile Theatre Stage Renovation
 Included in Annual CPIP: Yes – CPIP Priority 2 of 7 in FY18 (estimated at \$4,709,700)
 JBRC/SFAA Phase I Approval: August 2017 (estimated at \$4,709,700)

CHE Recommended Approval: Pending CHE Board Approval on 6/7/18

Ref: Supporting document pages 87-101

<u>Source of Funding Detail</u>	<u>Original Budget Amount</u>	<u>Cumulative Changes Since Original Budget</u>	<u>Current Budget</u>	<u>Current Budget Adjustment Requested</u>	<u>Total Budget After Current Adjustment</u>
Other, Capital Improvement Project	94,194.00	0.00	94,194.00	3,115,506.00	3,209,700.00
Other, Spaulding-Paolozzi Foundation Grant	0.00	0.00	0.00	1,500,000.00	1,500,000.00
All Sources	<u>94,194.00</u>	<u>0.00</u>	<u>94,194.00</u>	<u>4,615,506.00</u>	<u>4,709,700.00</u>

Funding Source: \$3,209,700 Other, Capital Improvement Project Funds, which are revenues generated by the Capital Improvement Fee that are in excess of the current annual debt service related to bonds issued under S.C. Code of Laws Section 59-130 Article 5. This fee is that portion of the student bill earmarked for debt service and renewal of the physical infrastructure. The 2017-2018 per semester fee is \$844. \$1,500,000 Other, Spaulding-Paolozzi Foundation Grant Funds, which are funds received to be utilized for a specific purpose.

Request: Increase budget to \$4,709,700 (add \$3,115,506 Other, Capital Improvement Project Funds and \$1,500,000 Other, Spaulding Paolozzi Foundation Grant Funds) to establish Phase II for the renovation of the Sottile Theatre stage and backstage areas in an effort to increase safety as well as improve the efficiency and the quality of the performance space. Portions of the stage and backstage areas will be reconfigured to expand the usable stage and wing areas and increase accessibility to the backstage and wing areas for sets and performers. To achieve this, a wall will be removed, an exterior door added, and the rigging system, electrical lighting panel, and basement stairway will be relocated. The current rigging system is antiquated, unsafe, and requires a certified technician to operate. It will be replaced with a safer modern system that is considered an industry standard, the use of which will allow theatre students to learn a marketable skill for the job market. Shallow foundation will be added to support new columns for building structural stability in lieu of micro-piles. The existing fire curtain shall be replaced in lieu of deluge fire protection system. Various fire protection and alarm equipment shall be added to the fire alarm panel. The stage floors will be replaced, the ceiling will be repaired, and the HVAC system will be upgraded. Roof timber truss repairs over the stage area are required as a result of long-term damage from rigging loads. New front-of-house stage lighting positions will be installed. Various HVAC duct, domestic water pipe, and sprinkler pipe shall be relocated/added to accommodate overall state renovations. Pit lift, performance light circuits, and acoustical doors may be added as alternatives pending the outcome of bidding results. A sump pump may be added if the pit lift is included as an alternate. In total the project will improve the theatre experience for students and patrons while making it a safer space for learning, working, performing, and gathering. The 41,996 square foot Sottile

Theatre, built in 1927, was refurbished and reopened as a College of Charleston facility in 1990. Since reopening, the theatre has served as a teaching laboratory and event venue for the college and the larger Charleston community. It serves as the venue for a variety of college, community-oriented, and privately sponsored events, programs, and performances. The agency estimates that the completed project will cost approximately \$4,709,700 and no additional annual operating costs will result from the project. The agency anticipates execution of the construction contract is March 2019 and completion of construction in May 2020.

- (l) Summary 7-2018: JBRC Item 12. (H51) Medical University of South Carolina
 Project: 9842, Clinical Sciences Building High Risk Infectious Disease (HRID) Unit
 Included in Annual CPIP: No – The agency states that funding for the project had not been identified at the time of CPIP submission.
 JBRC/SFAA Phase I Approval: March 2018 (estimated at \$2,400,000)
 CHE Recommended Approval: Pending CHE Board Approval on 6/7/18

Ref: Supporting document pages 102-113

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Federal, ASPR Grant	36,000.00	0.00	36,000.00	1,829,000.00	1,865,000.00
All Sources	<u>36,000.00</u>	<u>0.00</u>	<u>36,000.00</u>	<u>1,829,000.00</u>	<u>1,865,000.00</u>

Funding Source: \$36,000 Federal, Office of the Assistant Secretary for Preparedness and Response (ASPR) Grant Funding.

Request: Increase budget to \$1,865,000 (add \$1,829,000 Federal, Office of the Assistant Secretary for Preparedness and Response Grant Funds) to proceed with Phase II full design and construction to create a High Risk Infectious Disease (HRID) unit in the Clinical Sciences Building (CSB). This specialized medical unit will allow for isolation treatment for highly infectious diseases. This unit will be constructed in approximately 3,500 square feet of vacated space on the first floor of the 273,899 square foot CSB. Currently, the first floor of the CSB is occupied entirely by the Medical University Hospital Authority (MUHA). The existing space where this unit will be constructed is currently occupied by MUHA Neurophysiology. MUHA is working on a project to relocate that group to the 3rd floor of their main hospital. The HRID unit will be one of the few specialized units in the country, and the only one in South Carolina, equipped to address highly infectious diseases. When not in active use for patients, the space will be used for mock training to prepare providers to handle high risk cases. The building is 42 years old and the new unit will be occupied by up to 50 faculty and staff during an infectious disease event and numerous faculty and staff will utilize the space for training. The agency estimates that the completed project will cost approximately \$1,865,000 and no additional annual operating costs will result from the project. The agency anticipates execution of the construction contract is February 2019 and completion of construction in October 2019.

- (m) Summary 7-2018: JBRC Item 13. (H51) Medical University of South Carolina
 Project: 9843, Courtenay Drive Garage Upgrades
 Included in Annual CPIP: Yes – CPIP Priority 2 of 4 in FY18 (estimated at \$2,500,000)
 JBRC/SFAA Phase I Approval: March 2018 (estimated at \$2,500,000)

CHE Recommended Approval: Pending CHE Board Approval on 6/7/18

Ref: Supporting document pages 114-125

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Parking Revenue	37,500.00	0.00	37,500.00	2,711,500.00	2,749,000.00
All Sources	<u>37,500.00</u>	<u>0.00</u>	<u>37,500.00</u>	<u>2,711,500.00</u>	<u>2,749,000.00</u>

Funding Source: \$2,749,000 Other, Parking Revenue, which is revenue generated from operation of the MUSC parking system.

Request: Increase budget to \$2,749,000 (add \$2,711,500 Other, Parking Revenue Funds) to proceed with Phase II full design and construction to make upgrades in MUSC's Courtenay Parking Garage. Upgrades will include new lighting, cleaning and painting of interior concrete, new signage and way finding, layout and circulation improvements, and ADA accessibility improvements. These improvements will upgrade the garage to support the New Children's and Women's Hospital currently under construction. The 559,288 square foot garage is 25 years old and includes approximately 1,500 parking spaces for faculty, staff and patients. Currently, 1,494 of those spaces are occupied. The Phase II estimated cost to complete the project is \$249,000 higher than the CPIP and Phase I estimate due to cost increases from the cleaning portion of the project. The agency estimates that the completed project will cost approximately \$2,749,000 and no additional annual operating costs will result from the project. The agency anticipates execution of the construction contract is November 2018 and completion of construction in October 2019.

- (n) Summary 7-2018: JBRC Item 14. (E24) Office of the Adjutant General
 Project: 9805, MTC Compass Road Bridge Replacement
 Included in Annual CPIP: Yes – CPIP Priority 6 of 21 in FY18 (estimated at \$648,000)
 JBRC/SFAA Phase I Approval: October 2017 (estimated at \$648,000)

CHE Recommended Approval: N/A

Ref: Supporting document pages 126-141

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u> <u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Federal, National Guard Bureau Funds	51,158.00	0.00	51,158.00	1,016,804.00	1,067,962.00
All Sources	<u>51,158.00</u>	<u>0.00</u>	<u>51,158.00</u>	<u>1,016,804.00</u>	<u>1,067,962.00</u>

Funding Source: \$1,067,962 Federal, National Guard Bureau Funds, which is funding identified as part of the Construction and Facilities Management Office’s Master Cooperative Agreement through the Office of the Adjutant General and from the National Guard Bureau.

Request: Increase budget to \$1,067,962 (add \$1,016,804 Federal, National Guard Bureau Funds) to demolish and replace the Compass Road Bridge over Colonels Creek at McCrady Training Center. The existing Compass Road Bridge is a wooden structure that was constructed over 50 years ago and has aged beyond its useful life. The bridge is structurally unstable and vehicular traffic is no longer allowed to cross the structure. Due to the presence on a main access road to the training area, non-use of the bridge requires military and training site employees to take alternate routes increasing access times to certain areas of the training areas in excess of 30 minutes. This project will replace the existing bridge with a pre-stressed concrete reinforced bridge structure. Concrete piers for the new bridge will be constructed outside the boundaries of the delineated jurisdictional wetlands. The bridge replacement will benefit the SC National Guard (Army and Air), because it is a main road to the ranges that soldiers train in. The Phase II estimated cost to complete the project is \$419,962 higher than the CPIP and Phase I estimate because the original cost estimate was based on previous bridgework which was a smaller span and did not require additional site work. The Compass Road bridge estimate now includes a portion to raise the bridge and increase approach elevation, resulting in an increase of project costs. The agency estimates that the completed project will cost approximately \$1,067,962 and no additional annual operating costs will result from the project. The agency anticipates execution of the construction contract is September 2018 and completion of construction in September 2019.

- (o) Summary 7-2018: JBRC Item 15. (K05) Department of Public Safety
 Project: 9609, DPS/DMV Blythewood Headquarters Roof Retrofit
 Included in Annual CPIP: Yes – CPIP Priority 1 of 1 in FY18 (estimated at \$700,000)
 JBRC/SFAA Phase I Approval: December 2017 (estimated at \$700,000)

CHE Recommended Approval: N/A

Ref: Supporting document pages 142-190

<u>Source of Funding Detail</u>	<u>Original Budget Amount</u>	<u>Cumulative Changes Since Original Budget</u>	<u>Current Budget</u>	<u>Current Budget Adjustment Requested</u>	<u>Total Budget After Current Adjustment</u>
Other, Sale of Highway Patrol Assets	28,000.00	0.00	28,000.00	672,000.00	700,000.00
Other, DPS Building	0.00	0.00	0.00	95,600.00	95,600.00
All Sources	<u>28,000.00</u>	<u>0.00</u>	<u>28,000.00</u>	<u>767,600.00</u>	<u>795,600.00</u>

Funding Source: \$700,000 Other, Sale of Highway Patrol Assets, which are proceeds that came from the sale of the Otranto building in Charleston, SC. \$95,600 Other, DPS Building, which is supported by the late fee penalty on vehicle registrations. This money is collected by the Department of Motor Vehicles and transferred to DPS.

Request: Increase budget to \$795,600 (add \$672,000 Other, Sale of Highway Patrol Asset Funds and \$95,600 Other, DPS Building Funds) to establish Phase II to retrofit the roofs at the DPS and DMV Blythewood Headquarters Buildings. A roof consultant was hired under Phase I to determine the best and most efficient way to provide a new watertight 20 year roof. This will require roof membrane replacement of approximately 575 squares (57,500 square feet), of low slope roofing down to the existing roof insulation. The new roof will come with a 20 year warranty. This includes replacement of existing damaged/deteriorated roof insulation, installation of a cover board, and a mechanically attached thermoplastic roof membrane system. Initially, it was thought the original membrane could be covered, however, further investigation revealed more removal and replacement of the system was required. Consequently, the cost has increased from the A-1 Phase I internal estimate. The current roof system is an EPDM ballasted single-ply membrane roof. The roofs are original to these approximately 20 year old DPS and 25 year old DMV buildings. When the property was acquired by the state in 2003, many repairs had already been made, due to the complexity of the roof layouts and the fact that the roofs only carried a ten (10) year warranty. A repair project was completed about 5 years ago, however, only areas (mostly at the DMV building), that were a concern at the time were addressed. Since then, the roofs have degraded at certain areas such that offices and their contents are now being damaged and cannot be used. In-house repairs have been attempted, but leaks persisted. Both 5 story facilities total 282,785 square feet with the DPS Headquarters roof being 23,800 square feet and the DMV Building roof being 35,800 square feet. There is a connector between the two buildings with a 1,850 square foot roof. The DPS Headquarters Building houses the Executive and Administrative staff, Highway Patrol, State Transport Police, Highway Safety and Regional Telecommunications (911). The DMV Headquarters Building houses the Executive and Administrative staff, call center and DMV branch office. Both buildings house 791 employees combined and they receive approximately 1,150 visitors a month. The agency estimates that the completed project will cost approximately \$795,600 with additional annual operating cost savings of \$10,000 in years 1 thru 3. The agency

anticipates execution of the construction contract is August 2018 and completion of construction in November 2018.

- (p) Summary 7-2018: JBRC Item 16. (N04) Department of Corrections
 Project: 9743, Deterrent Systems at Property Borders of Correctional Institutions
 Included in Annual CPIP: Yes – CPIP Priority 5 of 6 in FY18 (estimated at \$1,830,000)
 JBRC/SFAA Phase I Approval: May 2018 (estimated at \$1,900,000)

CHE Recommended Approval: N/A

Ref: Supporting document pages 191-197

<u>Source of Funding Detail</u>	<u>Original Budget Amount</u>	<u>Cumulative Changes Since Original Budget</u>	<u>Current Budget</u>	<u>Current Budget Adjustment Requested</u>	<u>Total Budget After Current Adjustment</u>
Appropriated State, FY17 Carryforward	28,500.00	0.00	28,500.00	1,871,500.00	1,900,000.00
All Sources	<u>28,500.00</u>	<u>0.00</u>	<u>28,500.00</u>	<u>1,871,500.00</u>	<u>1,900,000.00</u>

Funding Source: \$1,900,000 Appropriated State, FY17 Carryforward Funds.

Request: Increase budget to \$1,900,000 (add \$1,871,500 Appropriated State, FY17 Carryforward Funds) to establish Phase II to furnish and install deterrent systems around the property borders at the high level 2 and all level 3 correctional institutions to assist in the efforts to deter contraband from entering the institutions. For level 3 institutions, this border protection will be installed at Broad River, Lee, Lieber, McCormick and Perry. For level 2 institutions, this border protection will be installed at Evans, Kershaw, Ridgeland, and Turbeville. The deterrent systems will consist of multi-rows of razor wire on a fence stabilizer in close proximity to the institutions' property lines. The security perimeter fences surrounding the actual institutional complexes will remain unchanged. All of these institutions will also have the perimeter netting once the netting project is completed. This project will aid in ensuring the safety of employees and the inmates. This project was reflected in the FY17-18 CPIP with an estimated cost of \$1,830,000 but Phase I was approved \$70,000 higher because there has been at least a 5% increase in material costs for razor wire since the CPIP was established. The agency estimates that the completed project will cost approximately \$1,900,000 and no additional annual operating costs will result from the project. The agency anticipates execution of the construction contract is July 2018 and completion of construction in June 2020.

- (q) Summary 7-2018: JBRC Item 17. (P28) Department of Parks, Recreation & Tourism
 Project: 9749, Hickory Knob State Park Paving
 Included in Annual CPIP: Yes– FY17 CPIP Priority 2 of 4 in FY21 (estimated at \$500,000)
 JBRC/SFAA Phase I Approval: December 2014 (estimated at \$500,000)

CHE Recommended Approval: N/A

Ref: Supporting document pages 198-209

<u>Source of Funding Detail</u>	<u>Original Budget Amount</u>	<u>Cumulative Changes Since Original Budget</u>	<u>Current Budget</u>	<u>Current Budget Adjustment Requested</u>	<u>Total Budget After Current Adjustment</u>
Federal, Land & Water Conservation	0.00	0.00	0.00	250,000.00	250,000.00
Other, Park Revenue	7,500.00	0.00	7,500.00	242,500.00	250,000.00
All Sources	<u>7,500.00</u>	<u>0.00</u>	<u>7,500.00</u>	<u>492,500.00</u>	<u>500,000.00</u>

Funding Source: \$250,000 Federal, Land & Water Conservation Funds, which are federal grants for the development of recreational facilities. \$250,000 Other, Park Revenue Funds, which is revenue generated by SC State Parks through camping, cabins, admissions and retail sales.

Request: Increase budget to \$500,000 (add \$250,000 Federal, Land & Water Conservation Funds and \$242,500 Other, Park Revenue Funds) to establish the construction budget for the repair and repaving of cart paths, parking areas and tennis courts at Hickory Knob State Park. At the January 25, 2017 JBRC meeting this project was granted a Phase I extension because the project was to be designed in-house and due to workloads of PRT staff caused by the flooding, hurricane and fire, staff had been unable to complete the Phase I work in the required two year period. This project addresses a deferred maintenance need of this park. The current paving is 27 years old and the park receives approximately 350,000 visitors annually. The agency estimates that the completed project will cost approximately \$500,000 and no additional annual operating costs will result from the project. The agency anticipates execution of the construction contract is September 2018 and completion of construction in March 2019.

Phase II Increase

- (r) Summary 7-2018: JBRC Item 18. (H27) University of South Carolina - Columbia
 Project: 6119, South Caroliniana Library Renovation
 Included in Annual CPIP: Yes – CPIP Priority 3 of 9 in FY18 (estimated at \$8,000,000)
 Admin. (Legislatively Authorized) Phase II Approval: February 2016 (estimated at \$10,000,000)

CHE Recommended Approval: Pending CHE Board Approval on 6/7/18

Ref: Supporting document pages 210-220

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
FY16 Capital Reserve	5,000,000.00	0.00	5,000,000.00	0.00	5,000,000.00
Other, Private Gifts	0.00	0.00	0.00	3,950,000.00	3,950,000.00
All Sources	<u>5,000,000.00</u>	<u>0.00</u>	<u>5,000,000.00</u>	<u>3,950,000.00</u>	<u>8,950,000.00</u>

Funding Source: \$5,000,000 FY16 Capital Reserve Funds. \$3,950,000 Other, Private Gifts, which are funds received from a private donor. In this case, they are reserved specifically for this project.

Request: Increase budget to \$8,950,000 (add \$3,950,000 Other, Private Gift Funds) to fund the renovation of the South Caroliniana Library to increase security for the archives from such threats as fire and inadequate environmental control. The renovation will include a sprinkler system and other fire suppression systems appropriate for archival storage. The HVAC system will be replaced to more effectively stabilize humidity and temperature control. The archival stacks will be separated from the library and secured in a wing with fire rated walls and access points. Operational efficiencies and public accessibility to the elevator will be improved increasing security between the public and private areas of the library. Architectural features will undergo a meticulous historic restoration and structural roof framing will be reinforced. The building is the repository of published and unpublished materials relating to the history, literature and culture of South Carolina. The value of these irreplaceable South Carolina archives stored in this structure is practically incalculable. The library is 22,843 square feet and was constructed in 1840, making it 178 years old. The agency estimates that the completed project will cost approximately \$8,950,000 and no additional annual operating costs will result from the project. The agency anticipates execution of the construction contract is April 2019 and completion of construction in August 2020.

- (s) Summary 7-2018: JBRC Item 19. (N20) Criminal Justice Academy
 Project: 9624, Construct Gun Ammunition Vault
 Included in Annual CPIP: Yes – FY17 CPIP Priority 2 of 3 in FY19 (estimated at \$132,000)
 JBRC Staff Phase II Approval: March 2017 (estimated at \$145,200)
 JBRC/SFAA Phase II Increase Approval: February 2018 (estimated at \$273,580.75)

CHE Recommended Approval: N/A

Ref: Supporting document pages 221-225

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Appropriated State	145,200.00	128,380.75	273,580.75	70,000.00	343,580.75
All Sources	<u>145,200.00</u>	<u>128,380.75</u>	<u>273,580.75</u>	<u>70,000.00</u>	<u>343,580.75</u>

Funding Source: \$343,580.75 Appropriated State funds.

Request: Increase budget to \$343,580.75 (add \$70,000 Appropriated State Funds) to cover an unexpected increase in costs of materials. This project is to build a new free-standing vault on the Academy's Weapon's Range to safely secure all weapons and ammunition when not in use for training curricula. This project was originally reviewed and approved for Phase II at the JBRC Staff level in March 2017. At that time the government made the switch from 40 caliber to 9mm weapons for the military and there was a need to store additional ammunition that would be received due to Federal Program 1033. Then, bids were received in January 2018 and the amounts exceeded the architects original estimate. After placing the project out for bid for a second time, it was realized that the initial estimate received from the contractors, that increased costs are due to the unexpected increases in materials (i.e., steel, etc.). With the steady growth of training over the years, from a safety perspective and demands for more guns and ammunition and securing same, the current vaults are considerably undersized and have inadequate storage space. The new vault will allow consolidation of several of the existing vaults and help maintain organization for better operation. The total square footage of this building will be approximately 1,000 square feet. The facility will be used by approximately nine (9) range employees on a daily basis between the hours of 7:30am and 10:00pm, Monday through Friday. The agency estimates that the completed project will cost approximately \$343,580.75 with additional annual operating costs of \$600 in years 2 and 3. The agency anticipates execution of the construction contract is June 2018 and completion of construction in September 2018.

Phase II Increase (transfer to)

- (t) Summary 7-2018: JBRC Item 20. (E24) Office of the Adjutant General
 Project: 9788, Repair Projects Statewide 2014-2015
 Included in Annual CPIP: No
 Admin. (Legislatively Authorized) Phase II Approval: October 2014 (estimated at \$2,300,000)
 Admin. (Legislatively Authorized) Phase II Budget Increase Approval: December 2014
 (estimated at \$2,332,500)
 JBRC/SFAA Phase II Budget Increase Approval: January 2015 (estimated at \$5,332,500)

CHE Recommended Approval: N/A

Ref: Supporting document pages 226-236

<u>Source of Funding Detail</u>	<u>Original Budget Amount</u>	<u>Cumulative Changes Since Original Budget</u>	<u>Current Budget</u>	<u>Current Budget Adjustment Requested</u>	<u>Total Budget After Current Adjustment</u>
Capital Improvement Bonds	0.00	0.00	0.00	20,801.69	20,801.69
FY97-98 Capital Reserve	0.00	0.00	0.00	38,107.25	38,107.25
FY14-15 Capital Reserve	1,300,000.00	32,500.00	1,332,500.00	0.00	0.00
Appropriated State, FY14-15 Proviso 118.16	1,000,000.00	0.00	1,000,000.00	0.00	1,000,000.00
Federal, National Guard Bureau	0.00	3,000,000.00	3,000,000.00	0.00	3,000,000.00
All Sources	<u>2,300,000.00</u>	<u>3,032,500.00</u>	<u>5,332,500.00</u>	<u>58,908.94</u>	<u>5,391,408.94</u>

Funding Source: \$20,801.69 Capital Improvement Bonds. \$1,370,607.25 FY98 & FY15 Capital Reserve funds. \$1,000,000 Appropriated State, FY15 Proviso 118.16 (nonrecurring) funds. \$3,000,000 Federal, National Guard Bureau Funds, which is funding identified as part of the Construction and Facilities Management Office's Master Cooperative Agreement through the Office of the Adjutant General and from the National Guard Bureau

Request: Increase budget to \$5,391,408.94 (add \$20,801.69 CIB and \$38,107.25 FY97-98 Capital Reserve Funds) as a transfer from E24-9640 that will be used toward the Chester roof repairs included in the scope of work for this project. Project E24-9640 is complete and ready to be decreased and closed. This project was established to address the maintenance problems at the different Readiness Centers around the state. Of the original listing of 22 items included in the scope of work for this project, 8 of them still remain to be completed. At this time the Chester roof repairs are being completed. The agency estimates that the completed project will cost approximately \$5,391,408.94 and no additional annual operating costs will result from the project. The agency anticipates the completion for construction in June 2020.

Preliminary Land Acquisition

- (u) Summary 7-2018: JBRC Item 21. (H59) Technical College of the Lowcountry
 Project: 6139, Lowcountry Arts Institute and Interpretive Center Land Acquisition
 Included in Annual CPIP: No – The agency states that it originally planned to integrate a culinary training facility in its New River campus; a project included in the FY18 CPIP. The agency subsequently determined that the original plan was insufficient to meet current and future work force demand.
 JBRC/SFAA Phase I Approval: N/A

CHE Recommended Approval: Pending CHE Board Approval on 6/7/18

Ref: Supporting document pages 237-278

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Beaufort County	0.00	0.00	0.00	15,000.00	15,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>15,000.00</u>	<u>15,000.00</u>

Funding Source: \$15,000 Other, Beaufort County Funds, which are a contribution that has been committed by Beaufort County from their Accommodation Tax funding, to ensure the construction of a Culinary Arts Institute and Interpretive Center.

Request: Establish budget and project for \$15,000 (Other, Beaufort County Funds) to procure investigative studies required to adequately evaluate property prior to purchase. The College is considering the acquisition of 1.0 acres of property in the Buckwalter Place Commerce Park to construct the Lowcountry Culinary Arts Institute and Interpretive Center. The property is being offered for sale by Southeastern Development Corporation for the proposed purchase price of \$783,000. The 1.0 acres is characterized as a nexus with business, tourism, healthcare, residential communities and primary and secondary education institutions. The location affords enhanced opportunity for engagement with the community and for optimum enrollment and revenue generation along with connectivity with potential employers of the institutes graduates. This property will be utilized as the site to construct and equip a 26,000 square foot culinary arts institute. This project will be fully funded through commitments made by Beaufort County, Beaufort County School District, and the Town of Bluffton. The agency estimates that the land acquisition will cost \$798,000 and no additional annual operating costs will result from the project.

- (v) Summary 7-2018: JBRC Item 22. (P20) Clemson University
 Project: 9553, Clemson Experimental Forest Land Exchange
 Included in Annual CPIP: No
 JBRC Staff Phase I Approval: N/A

CHE Recommended Approval: N/A

Ref: Supporting document pages 279-288

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Land Use	0.00	0.00	0.00	20,000.00	20,000.00
All Sources	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>20,000.00</u>	<u>20,000.00</u>

Funding Source: \$20,000 Other, Land Use Funds, which are revenues generated through timber sales, land swaps, leases and similar transactions on Clemson Experimental Forest lands.

Request: Establish budget and project for \$20,000 (Other, Land Use Funds) to procure investigative studies required to adequately evaluate property prior to purchase. The university is considering a like value land exchange between Clemson University and TXG Capital. The land exchange will allow Clemson to acquire 20 acres of land adjacent to the G.H. Aull Natural Area of the Clemson Experimental Forest (CEF) in Pendleton in exchange for 4.5 acres Clemson owns on Lake Hartwell in Oconee County near Highway 123 and Jacobs Road. The 20-acre property Clemson will acquire, valued at approximately \$260,000, will benefit Clemson by providing legal access to a portion of the CEF which does not currently exist. It will also open a significant natural area of the CEF that has never been harvested or farmed, making it an area of vital interest to university programs for research, teaching, education, and demonstration activities. The 4.5-acre property Clemson will swap, valued at approximately \$385,000, is landlocked by Lake Hartwell and property TXG Capital acquired to construct the Epoch Clemson student housing project. Access to the property is limited over a gated dirt road, railroad crossing and easement through the Epoch development. While the property is part of the CEF, it does not align with the CEF mission for teaching, research and education due to the remote location, parcel size, difficulty to access, and inability to easily manage the timber resource. The swap will be a like value swap with TXG Capital providing Clemson with cash for the difference in the two appraised values, estimated at approximately \$125,000. The agency estimates that the land acquisition will cost approximately \$20,000 and no additional annual operating costs will result from the project.

Final Land Acquisition

- (w) Summary 7-2018: JBRC Item 23. (P24) Department of Natural Resources
 Project: 9941, Pickens-Jocassee Gorges WMA and Wadakoe Mountain Heritage Preserve
 Land Trade
 Included in Annual CPIP: No
 JBRC Staff Phase I Approval: October 2014 (estimated at \$25,000)

CHE Recommended Approval: N/A

Ref: Supporting document pages 289-334

<u>Source of Funding</u> <u>Detail</u>	<u>Original Budget</u> <u>Amount</u>	<u>Cumulative</u> <u>Changes Since</u> <u>Original Budget</u>	<u>Current Budget</u>	<u>Current Budget</u> <u>Adjustment</u> <u>Requested</u>	<u>Total Budget</u> <u>After Current</u> <u>Adjustment</u>
Other, Fish & Wildlife Protection Timber Funds	20,000.00	0.00	20,000.00	10,000.00	30,000.00
All Sources	<u>20,000.00</u>	<u>0.00</u>	<u>20,000.00</u>	<u>10,000.00</u>	<u>30,000.00</u>

Funding Source: \$30,000 Other, Fish & Wildlife Protection Timber Funds, which is income from timber harvests on DNR lands and placed in the Fish and Wildlife Protection Fund. Revenue from this source must be expended by DNR for the protection, promotion, propagation, and management of freshwater fisheries and wildlife, the enforcement of related laws, the administration of the department, and the dissemination of information, facts, and findings the department considers necessary.

Request: Increase budget to \$30,000 (add \$10,000 Other, Fish & Wildlife Protection Timber Funds) to complete the acquisition of 63.058 acres of land in Pickens County. The property adjoins DNR’s Jocassee Gorges Wildlife Management Area (WMA) and Wadakoe Mountain Heritage Preserve (HP) and is composed of two parcels. Both parcels are offered by Mr. Mendel Stewart of Sunset, SC. The department proposes trading 76.899 acres of DNR land, currently part of the Jocassee Gorges WMA, which adjoins Mr. Stewart’s holding for a 3.5 acre tract of land adjoining Jocassee Gorges WMA and a 59.558 acre tract of land adjoining Wadakoe Mountain HP. Acquisition of the 3.5 acre tract will ensure unimpeded access along an access road in the Jocassee Gorges WMA, safeguard additional wildlife habitat, and enhance visitor safety. The 59.558 acre tract which borders Wadakoe Mountain HP contains soils with high concentrations of magnesium and calcium that help produce habitat for rare species not commonly found in the Southern Appalachians. The area is one of the most biologically diverse regions in the United States. Each tract will be incorporated into the adjoining DNR property and managed according to the land management plan for that property. The 76.899 acre tract offered in exchange by DNR has been deemed ecologically insignificant. A Phase I Environmental Site Assessment was completed for both the 3.5 acre tract and the 59.558 acre tract and revealed no evidence of environmental concerns. An appraisal was completed by Stone & Associates for each tract in January 23, 2017 and contains a recertification of values dated March 2, 2018. The DNR tract was valued at \$290,000 while the Stewart tracts were valued at \$300,000. The agency reports the total projected cost of this project is \$30,000 and no additional annual operating costs will result from the project. The agency anticipates completing the land acquisition in June 2018.

AGENCY: Department of Administration, Capital Budgeting Office

PROJECT/SUBJECT: Report of Department of Natural Resources Permanent Improvement Projects Related to Repair of Existing Dikes and Roads

At its meeting on December 5, 2017, the Joint Bond Review Committee (JBRC) approved the Department of Natural Resources' (DNR) request for exemption of the maintenance or repair/replacement of existing roads and dikes on any DNR-owned land or DNR-controlled state lands from the normal permanent improvement process. Instead, DNR must submit the paperwork necessary to establish the permanent improvement project for review and recommendation of JBRC staff; and the projects are to be reported to the JBRC at its next meeting.

In March 2017, Project No. 9963, the Georgetown-Samworth WMA Dike Repairs project, was approved for Phase II at an estimated cost of \$335,000. The source of funding for the project was a non-recurring state appropriation; however, DNR reported at that time that they would be seeking Federal Emergency Management Agency (FEMA) reimbursement.

On May 2, 2018, DNR reported that the project is eligible for 75% funding from FEMA; therefore, DNR has submitted a request to change \$251,250 from non-recurring state funding to federal funding, leaving \$83,750 funded from non-recurring state appropriations.

COMMITTEE ACTION:

Receive as information DNR's request to change the source of funding for the Georgetown-Samworth WMA Dike Repairs project in accordance with JBRC policy adopted December 5, 2017.

ATTACHMENTS:

- 1) Capital Budgeting Office Summary of Project
- 2) A-1 and A-49

JOINT BOND REVIEW COMMITTEE AGENDA ITEM WORKSHEET

Meeting Scheduled for: June 13, 2018

Regular Agenda

1. Submitted By:

- (a) Agency: Department of Administration
(b) Authorized Official Signature:



Rick Harmon, Director, Capital Budget Office

2. Subject:

Department of Natural Resources Georgetown-Samworth WMA Dike Repairs

3. Summary Background Information:

To change the source of funds due to the department receiving notification from the Federal Emergency Management Agency (FEMA), that the grant for Public Assistance to repair the dike breach at Upper Middleton Unit was approved. This project is categorized as a Large Project Type by FEMA which allows the department to be reimbursed for 75% of project expenditures approved in the scope of work. Based on the cost share formula, the department is eligible for \$251,250 in FEMA assistance and the balance of \$83,750 represents the required match. The dikes, on the Waccamaw River side, received the initial damage in the October 2015 flood and further deterioration with the passage of time. Portions of the dike wall need to be rebuilt and a setback dike will be built to mitigate future breaches. Department staff assigned to the property typically perform as needed repairs to dikes. However, in this instance the extensive damage to the dikes on the island exceeds the resources the department can mobilize to make repairs in a timely manner. To repair the dikes, barges, tugs, pusher boats, excavators and earth moving equipment will need to be mobilized. Transportation for workers to and from the site must be arranged and provisions must be made for fueling and on island transportation for work crews. Creation of coffer dams is necessary to perform the work. An on-site borrow area will need to be excavated to obtain adequate fill material to make repairs to the existing 1,241 linear feet of exterior dike, repair and re-top 270 linear feet of internal dikes and re-top 80 linear feet of river dikes. The agency reports that the completed project will cost approximately \$335,000 and will be funded with \$83,750 in Appropriated State, FY17 Proviso 118.16 (nonrecurring) funds and \$251,250 in Federal, FEMA Public Assistance funds. No additional annual operating costs will result from the project. The agency anticipates completion of construction in December 2018.

4. What is JBRC asked to do?

To receive as information the Department of Natural Resource's Georgetown-Samworth WMA Dike Repairs project in accordance with JBRC policy adopted December 5, 2017.

5. What is the recommendation of the Department of Administration?

The item is complete and ready for JBRC review.

6. List of Supporting Documents:

1. Permanent Improvement Project Change Source of Funds approval
2. Letter to JBRC

FOR DEPARTMENT USE ONLY	
CHE	_____
JBRC	_____
SFAA	_____
JBRC Staff	_____
ADMIN Staff	_____
A-1 Form Mailed	_____
SPIRS Date	_____
Summary	_____

RECEIVED MAY 08 2018
K6

(For Department Use Only)
7-2018
SUMMARY NUMBER
FORM NUMBER

PERMANENT IMPROVEMENT PROJECT REQUEST

1. AGENCY
Code P24 Name Department of Natural Resources

Contact Person Scott Speares, Asst Deputy Director-Support Services Phone (803) 734-3624

2. PROJECT
Project # 9963 Name Georgetown-Samworth WMA Dike Repairs

Facility # _____ Facility Name Samworth Wildlife Management Area

County Code	22 - Georgetown
New/Revised Budget	\$335,000.00

Project Type	3 - Repair/Renovate Existing Facilities/Systems
Facility Type	11 - Not Applicable

3. CPIP PROJECT APPROVAL FOR CURRENT FISCAL YEAR
 CPIP priority number _____ of _____ for FY _____.

4. PROJECT ACTION PROPOSED (Indicate all requested actions by checking the appropriate boxes.)

<input type="checkbox"/> Establish Project	<input type="checkbox"/> Decrease Budget	<input type="checkbox"/> Close Project
<input type="checkbox"/> Establish Project - CPIP	<input checked="" type="checkbox"/> Change Source of Funds	<input type="checkbox"/> Change Project Name
<input type="checkbox"/> Increase Budget	<input type="checkbox"/> Revise Scope	<input type="checkbox"/> Cancel Project

5. PROJECT DESCRIPTION AND JUSTIFICATION
 (Explain and justify the project or revision, including what it is, why it is needed, and any alternatives considered. Attach supporting documentation/maps to fully convey the need for the request.)

The Department of Natural Resources requests authorization from the Joint Bond Review Committee to change the source of funding for the project to repair the Samworth WMA dikes. The Department received notification from the Federal Emergency Management Agency (FEMA) that the grant for Public Assistance to repair the dike breach at Upper Middleton Unit was approved.

This project is categorized as a Large Project Type by FEMA which allows the department to be reimbursed for 75% of project expenditures approved in the scope of work. The current project estimate totals \$335,000.00. Based on the cost share formula, the department is eligible for \$251,250.00 in FEMA assistance and the balance of \$83,750.00 represents the required match.

The department requests an increase of \$251,250.00 in Federal budget authority for the project. Upon completion of all encumbrance transfers the department will notify the Executive Budget Office that \$251,250.00 can be deducted from Appropriated State budget authority. The overall project budget will not exceed the current authorization of \$335,000.00

6. OPERATING COSTS IMPLICATIONS
 Attach Form A-49 if any additional operating costs or savings will result from this request. This includes costs to be absorbed with current funding.

7. ESTIMATED PROJECT SCHEDULE AND EXPENDITURES
 Estimated Start Date: January 2017 Estimated Completion Date: December 2018
 Estimated Expenditures: Thru Current FY: \$0.00 After Current FY: \$335,000.00

8. ESTIMATES OF NEW/REVISED PROJECT COSTS

PROJECT #	9963
------------------	------

1. _____ Land Purchase ---->
2. _____ Building Purchase ---->
3. _____ Professional Services Fees
4. _____ Equipment and/or Materials ---->
5. 335,000.00 Site Development
6. _____ New Construction ---->
7. _____ Renovations - Building Interior ---->
8. _____ Renovations - Utilities
9. _____ Roofing - _____ Roof Age
10. _____ Renovations - Building Exterior
11. _____ Other Permanent Improvements
12. _____ Landscaping
13. _____ Builders Risk Insurance
14. _____ Other Capital Outlay
15. _____ Labor Costs
16. _____ Bond Issue Costs
17. _____ Other: _____
18. _____ Contingency

Land: _____ Acres
 Floor Space: _____ Gross Square Feet
 Information Technology _____
 Floor Space: _____ Gross Square Feet
 Floor Space: _____ Gross Square Feet

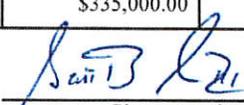
\$335,000.00 TOTAL PROJECT BUDGET

ENVIRONMENTAL HAZARDS	
Identify all types of significant environmental hazards (including asbestos, PCB's, etc.,) present in the project and the financial impact they will have on the project. Type: _____	
<u>Cost Breakdown</u>	
Design Services	\$ _____
Monitoring	\$ _____
Abate/Remed	\$ _____
Total Costs	\$ <u>0.00</u>

9. PROPOSED SOURCE OF FUNDING

Source	Previously Approved Amount	Increase/Decrease	Original/Revised Budget	Transfer to/from Proj. #	Rev Object Code	Treasurer's ID Number	Rev Sub Fund	Exp Sub Fund
(0) CIB, Group			0.00 0.00		8115		3043	3043
(1) Dept. CIB, Group			0.00 0.00		8115		3143	3143
(2) Institution Bonds			0.00 0.00					3235
(3) Revenue Bonds			0.00 0.00					3393
(4) Excess Debt Service			0.00 0.00					3497
(5) Capital Reserve Fund			0.00 0.00		8895		3603	3603
(6) Appropriated State FY 2017 Nonrecurring	335,000.00	(251,250.00)	83,750.00 0.00		8895	68800100	1001	3600
(7) Federal FEMA Public Assistance	0.00	251,250.00	251,250.00 0.00		2822	78800100	5511	5787
(8) Athletic			0.00 0.00			88800100		3807
(9) Other (Specify)			0.00 0.00 0.00			98800100		3907
TOTAL BUDGET	\$335,000.00	\$0.00	\$335,000.00					

10. SUBMITTED BY:


 Signature of Authorized Official and Title

Scott B. Speares III, Asst Deputy Director-Support Services

May 2, 2018

Date

11. APPROVED BY:

(For Department Use Only)

 Authorized Signature and Title

Date

**ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS
RESULTING FROM PERMANENT IMPROVEMENT PROJECT**

1. AGENCY Code P240 Name Department of Natural Resources

2. PROJECT Project # 9963 Name Georgetown-Samworth WMA Dike Repairs

3. ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS. (Check whether reporting costs or savings.)

COSTS SAVINGS NO CHANGE

4.

TOTAL ADDITIONAL OPERATING COSTS / SAVINGS				
Projected Financing Sources				
(1)	(2)	(3)	(4)	(5)
Fiscal Year	General Funds	Federal	Other	Total
1)	\$	\$	\$	\$ 0.00
2)	\$	\$	\$	\$ 0.00
3)	\$	\$	\$	\$ 0.00

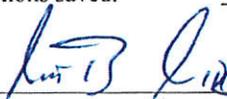
5. If "Other" sources are reported in Column 4 above, itemize and specify what the other sources are (revenues, fees, etc.).

6. Will the additional costs be absorbed into your existing budget? YES NO
If no, how will additional funds be provided?

7. Itemize below the cost factors that contribute to the total costs or savings reported above in Column 5 for the first fiscal year.

	<u>COST FACTORS</u>	<u>AMOUNT</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
	TOTAL	\$0.00

8. If personal services costs or savings are reported in 7 above, please indicate the number of additional positions required or positions saved. _____

9. Submitted By:  Asst Deputy Director for Support Services May 2, 2018
Signature of Authorized Official and Title Date

Projects: Account for 4241 (PA) - SC Department of Natural Resources

Proj F#	Proj S#	Project Title	Project Type	Size	Eligible Amt	F %	Expended %	Federal Paid Percent	State Paid Percent	Status
549		DNR BUILDINGS	E	S	\$15,935.00	75%	n/a	100%	100%	Open
643		Road System Damage	C	S	\$50,129.73	75%	n/a	100%	100%	Open
644		Equipment Damages	E	S	\$37,324.15	75%	n/a	100%	100%	Open
782		Emergency Protective Measures	B	L	\$408,470.05	75%	100%	100%	100%	Open
794		Dungannon Heritage Preserve	C	L	\$138,780.00	75%	0%	0%	0%	Open
804		Donated Resources	B	S	\$15,957.99	75%	n/a	0%	n/a	Open
807		Bates Bridge River Dock	G	S	\$23,455.96	75%	n/a	100%	100%	Open
867		Capers Island Impoundment	G	S	\$19,131.61	75%	n/a	0%	0%	Open
895		Wateree River Heritage Preserve	C	S	\$74,056.40	75%	n/a	100%	100%	Open
911		Santee Delta/Coastal Reserve	C	L	\$123,078.68	75%	16%	42%	0%	Open
915		Samworth trails	C	S	\$0.00	0%	n/a	n/a	n/a	Un-obligated
921		Archeology Group Artifacts	G	L	\$132,143.04	75%	81%	81%	81%	Open
929		Flood Mitigation Group	G	S	\$0.00	0%	n/a	n/a	n/a	Open
953		Waccamaw Heritage Preserve	C	S	\$114,087.98	75%	n/a	100%	100%	Open
954		Bennett's Point Field Station Seawall	G	L	\$0.00	0%	0%	0%	0%	Un-obligated
962		Fort Johnson Marine Center Bulkhead	G	S	\$0.00	0%	n/a	n/a	n/a	Open
964		Yawkey Access Roads/Embankments	C	S	\$110,698.36	75%	n/a	0%	0%	Open
967		Cohen Campbell Fish Hatchery Road	C	S	\$3,751.80	75%	n/a	100%	100%	Open
987		Bonneau Ferry	C	L	\$247,932.83	75%	0%	0%	0%	Open
1088		Samworth Dike	D	L	\$437,772.01	75%	0%	0%	0%	Open
1107		LOWER RESERVE DIKE	D	L	\$0.00	0%	0%	0%	0%	Un-obligated
					\$1,952,705.59					

PA-04-SC-4241-PW-01088(0) <u>P</u>	
Applicant Name: SC-DEPARTMENT OF NATURAL RESOURCES	Application Title: NRML10D-Samworth Dike
Period of Performance Start: 10-05-2015	Period of Performance End: 04-05-2017

Application History Comparison

NRML10D-Samworth Dike : PA-04-SC-4241-RPA-0011 p					
Program:	PUBLIC ASSISTANCE	Contact Name	Angie Cassella	Project Total:	\$ 437,772.01
Disaster Number:	4241	Contact Phone:	803-734-3948	Federal Share Requested:	\$ 328,329.01
Applicant ID:	000-U0042-00	Applicant Name:	SC-DEPARTMENT OF NATURAL RESOURCES		
Applicant Type:	State Government	Standard Project Number/Name:	401 - Levee Damage		
Subdivision Name:		Damage Category:	D		

Note: Bold text indicates differences.

Submitted on 08-01-2017

Submitted on 09-12-2017

Damage Facilities		
Newly Added Facilities: None		
Modified Facilities:		
Field	Old Value	New Value
*Facility Name:	Samworth Dike	Samworth Dike
Is this facility eligible?		
Address 1:		
Address 2:		
*County:	Georgetown	Georgetown
City:	Georgetown	Georgetown
State:	SC	SC
ZIP:		
*Was this site previously damaged?	No	No
*Percentage Work Completed?	0.00 %	0.00 %
*Location:	Samworth Dike GPS:Coordinates for exterior dike breach are: 33.428539 -79.207205 Coordinates for interior dike breach are: 33.429740 -79.206092	Samworth Dike GPS:Coordinates for exterior dike breach are: 33.428539 -79.207205 Coordinates for interior dike breach are: 33.429740 -79.206092
	During the incident period of October 1, 2015 through October 23, 2015, high water levels in the Waccamaw River, along with	During the incident period of October 1, 2015 through October 23, 2015, high water levels in the Waccamaw River, along with

<p>*Damage Description and Dimensions:</p>	<p>hurricane force winds, resulted in increased currents which eroded and washed away earthen materials at elevated portions of field dike tidal impoundments at the Samworth Dike Wildlife Management Area (WMA) and resulted in the federal declaration DR4241 throughout the State of South Carolina and damage to the associated dike structures located in the declared county of Georgetown, SC. The Department Of Natural Resource's Samworth Wildlife Management Heritage Preserve was inundated with heavy rains and overland flooding. Samworth is a 1,588-acre sanctuary to the South Carolina bays, public communities, and represents a common ecosystem in the Southeast. The damages to the Samworth Dike are as follows: -The exterior breach itself is 120' (90'L plus 15' each side (30' total)) wide and at least 15 feet deep. -The interior wall breach caused by the exterior breach is 105 feet long x 15'D. -Note: There are no dike trunks at this site.</p>	<p>hurricane force winds, resulted in increased currents which eroded and washed away earthen materials at elevated portions of field dike tidal impoundments at the Samworth Dike Wildlife Management Area (WMA) and resulted in the federal declaration DR4241 throughout the State of South Carolina and damage to the associated dike structures located in the declared county of Georgetown, SC. The Department Of Natural Resource's Samworth Wildlife Management Heritage Preserve was inundated with heavy rains and overland flooding. Samworth is a 1,588-acre sanctuary to the South Carolina bays, public communities, and represents a common ecosystem in the Southeast. The damages to the Samworth Dike are as follows: -The exterior breach itself is 120' (90'L plus 15' each side (30' total)) wide and at least 15 feet deep. -The interior wall breach caused by the exterior breach is 105 feet long x 15'D. -Note: There are no dike trunks at this site.</p>
	<p>WORK TO BE COMPLETED: The applicant will utilize contract, to include all labor and equipment necessary, to repair both the exterior dike breach, the interior dike breach and to reclaim re-top materials from adjacent upland sources and place within the original footprint of the existing and functional field dike areas and re-top dike profile at 2 feet high. They will rebuild to grade and above high tide line in the tidal field to include a 14 feet wide x 5 foot tall berm with a 2:1 slope on the river side of the dike. Though this Applicant is developing an RFP (for a replacement set-back dike for the exterior breach and to repair interior wall breach) to go out to bid for these repairs (along with necessary permits for proposed scope of work) and will take possibly several months to post the RFP, to get bids</p>	<p>WORK TO BE COMPLETED: The applicant will utilize contract, to include all labor and equipment necessary, to repair both the exterior dike breach, the interior dike breach and to reclaim re-top materials from adjacent upland sources and place within the original footprint of the existing and functional field dike areas and re-top dike profile at 2 feet high. They will rebuild to grade and above high tide line in the tidal field to include a 14 feet wide x 5 foot tall berm with a 2:1 slope on the river side of the dike. Though this Applicant is developing an RFP (for a replacement set-back dike for the exterior breach and to repair interior wall breach) to go out to bid for these repairs (along with necessary permits for proposed scope of work) and will take possibly several months to post the RFP, to get bids in and award the contract. The Applicant has shown that it is the least cost alternative to build a new set-back dike in place of trying to</p>

*Scope of Work:

in and award the contract. The Applicant has shown that it is the least cost alternative to build a new set-back dike in place of trying to repair the existing dike as these repairs require the building (and then taking out) of a temporary coffer dam while repairs to the breach are made. (NOTE: please see PW ref.# DNRML8D as the same best construction practices and lowest cost alternative was determined on this project as well). The Applicant has provided historical pricing (from Feb. 2017 Bear Island dike repair by Wetlands Contracting) showing the cost per foot for dike repairs (solely for the purpose of writing this budgeted PW and will require versioning of the PW once the contract is awarded and exact costing is established) with the most recent being the Bear Island breach. The Bear Island breach was repaired in the exact location it occurred and was put back exactly the way it was prior to the hurricane in the exact location. Using sheet piling (cofferdam) is the only effective way (to dry out the breached area) to put the dike back the same way it was prior to the hurricane. The cost to repair the breach itself on Bear Island is \$485,000 (\$485,000 / 140 feet = \$3,464 per foot). (See attached Applicant email). No dike trunks are utilized at this site. The applicant is requesting reimbursement for the following repairs based on the above per foot historical costing: -The exterior breach itself is 90 feet wide and at least 15 feet deep -Add 15 feet to each side of the breach (total 30 additional feet) to tie into the existing dike like they did on Bear Island makes the breach repair a total of 120 feet that needs to be constructed. $\$3,464.00 \times 120 \text{ feet} = \$415,680.00$ -The interior breach caused by the exterior breach is 105 feet long. $-105 \text{ feet} \times \$3,464 = \$363,720.00$ -Mobilization costs will be significant here since you cannot drive to the site and everything has to be barged to the site. Mobilization costs would be estimated at \$20,000.00 -For simplicity purposes assume the

repair the existing dike as these repairs require the building (and then taking out) of a temporary coffer dam while repairs to the breach are made. (NOTE: please see PW ref.# DNRML8D as the same best construction practices and lowest cost alternative was determined on this project as well). The Applicant has provided historical pricing (from Feb. 2017 Bear Island dike repair by Wetlands Contracting) showing the cost per foot for dike repairs (solely for the purpose of writing this budgeted PW and will require versioning of the PW once the contract is awarded and exact costing is established) with the most recent being the Bear Island breach. The Bear Island breach was repaired in the exact location it occurred and was put back exactly the way it was prior to the hurricane in the exact location. Using sheet piling (cofferdam) is the only effective way (to dry out the breached area) to put the dike back the same way it was prior to the hurricane. The cost to repair the breach itself on Bear Island is \$485,000 (\$485,000 / 280 feet = \$1,732.14 per foot). (See attached Applicant email. Applicant made an error in the e-mail forgetting to multiply by 2 for the 2 breaches). No dike trunks are utilized at this site. The applicant is requesting reimbursement for the following repairs based on the above per foot historical costing: -The exterior breach itself is 90 feet wide and at least 15 feet deep -Add 15 feet to each side of the breach (total 30 additional feet) to tie into the existing dike like they did on Bear Island makes the breach repair a total of 120 feet that needs to be constructed. $\$1,732.14 \times 120 \text{ feet} = \$207,856.80$ -The interior breach caused by the exterior breach is 105 feet long. $-105 \text{ feet} \times \$1,732.14 = \$181,874.70$ -Mobilization costs will be significant here since you cannot drive to the site and everything has to be barged to the site. Mobilization costs would

	and State funding. In the case of a change in scope of work, the applicant shall notify the South Carolina Division of Emergency Management program representative Brittany Kelly, bkelly@emd.sc.gov prior to starting work.	work on a Project Worksheet (PW/SA) must be reported and approved before work begins. Failure to report changes may jeopardize Federal and State funding. In the case of a change in scope of work, the applicant shall notify the South Carolina Division of Emergency Management program representative Brittany Kelly, bkelly@emd.sc.gov prior to starting work.
Hazard Mitigation Proposal		
Is effective mitigation feasible on this site?	No	No
If you answered Yes to the above question, the next question is required		
Will mitigation be performed on this site?	No	No
If you answered Yes to the above question, the next question is required		
Do you wish to attach a Hazard Mitigation Proposal?	No	No
If you answered Yes to the above question, the next two questions are required		
Please provide the Scope of Work for the estimate: (maximum 4000 characters)		
Would you like to add the Hazard Mitigation Proposal as a cost line item to the project cost?	No	No
Previous Cost Estimates		
Cost Estimate Format: No		
None		
New Cost Estimates		
Cost Estimate Format: No		
None		
Previous GIS Coordinates		
Site	Latitude	Longitude
Samworth Dike Exterior Breach	33.428539	-79.207205
Samworth Dike Interior Breach	33.42974	-79.206092
New GIS Coordinates		
Site	Latitude	Longitude
Samworth Dike Exterior Breach	33.428539	-79.207205
Samworth Dike Interior Breach	33.42974	-79.206092

Deleted Facilities: None

Damage Facilities Part 2 of 2 is **not applicable** for the previous version of this section.

material for the dike can be obtained on site from the interior canal ditch. -No trunks are needed in this project. -Cost for this project to put it back in the same location and condition prior to the 2015 flood event (DR4241) would be estimated at \$ 799,400.00 -The Applicant will utilize contract services of Ducks Unlimited for the Project Management services as follows: 1. Attend a preconstruction meeting and provide project staking and control establishment. 2. Provide on-site construction oversight during the contract period. two intermediate progress inspections and a final inspection for project control and oversight 3. Assist SCDNR with contract administration, (SCNDR will contract directly with contractor) 4. Review and recommend approval of payment request 5. Project Close-out, as-built survey and project sign off Ducks Unlimited contract cost: \$24,750.00 -Force Account Equipment: \$1,209.35 - DAC Cost: \$2,081.16 Total Project Cost: \$827,440.51 Project Notes: - See attached Wetlands Contracting for historical costing -See attached photos -See attached DAC and FAE -See attached Payroll Data - See attached maps -See attached Ducks Unlimited Design drawings - See attached insurance policy STANDARD COMMENTS: -- DIRECT ADMINISTRATIVE COSTS: The Sub-recipient requested Direct Administrative Costs (DAC) that are directly chargeable to this project. Associated eligible work is related administration of the PA project only and in accordance with 2 CFR 200.413. These costs are treated consistently and uniformly as direct costs in all federal awards and other Sub-recipient activities and are not included in any approved indirect cost rates. -- CHANGES TO SCOPE OF WORK DESCRIBED IN THIS PW/SA (SUBGRANT APPLICATION): Any change to the approved scope of work on a Project Worksheet (PW/SA) must be reported and approved before work begins. Failure to report changes may jeopardize Federal

be estimated at \$20,000.00 -For simplicity purposes assume the material for the dike can be obtained on site from the interior canal ditch. -No trunks are needed in this project. -Cost for this project to put it back in the same location and condition prior to the 2015 flood event (DR4241) would be estimated at \$ 409,731.50 -The Applicant will utilize contract services of Ducks Unlimited for the Project Management services as follows: 1. Attend a preconstruction meeting and provide project staking and control establishment. 2. Provide on-site construction oversight during the contract period. two intermediate progress inspections and a final inspection for project control and oversight 3. Assist SCDNR with contract administration, (SCNDR will contract directly with contractor) 4. Review and recommend approval of payment request 5. Project Close-out, as-built survey and project sign off Ducks Unlimited contract cost: \$24,750.00 -DAC Cost: \$3,290.51 Total Project Cost: \$437,772.01 Project Notes: -See attached Wetlands Contracting for historical costing -See attached photos -See attached DAC and FAE -See attached Payroll Data - See attached maps -See attached Ducks Unlimited Design drawings -See attached insurance policy STANDARD COMMENTS: -- DIRECT ADMINISTRATIVE COSTS: The Sub-recipient requested Direct Administrative Costs (DAC) that are directly chargeable to this project. Associated eligible work is related administration of the PA project only and in accordance with 2 CFR 200.413. These costs are treated consistently and uniformly as direct costs in all federal awards and other Sub-recipient activities and are not included in any approved indirect cost rates. -- CHANGES TO SCOPE OF WORK DESCRIBED IN THIS PW/SA (SUBGRANT APPLICATION): Any change to the approved scope of

Damage Facilities Part 2 of 2 is **not applicable** for the new version of this section.

	Submitted on 08-01-2017		Submitted on 09-12-2017	
	Cost Estimate			
	Summary			
Field	Old Value		New Value	
Is this a Donated Resources PW?	No		No	
Is this a Cost Estimate Format PW?	No		No	
Is this a Strategic Funds Management PW?	No		No	
Is this a PAAP PW?	No		No	
Preferred Estimate Type	Repair		Repair	
Hazard Mitigation Proposal Included?	No		No	
Hazard Mitigation Proposal As a Line Item?	No		No	
Total Estimate	\$ 827,440.51		\$ 437,772.01	

Added Items: none

Items Present in Both Versions:

Value	Estimate Type	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate
Old	Repair	9001	Contract	1	LS	\$ 799,400.00	CONTRACTUAL	Work To Be Completed	\$ 799,400.00
New	Repair	9001	Contract	1	LS	\$ 409,731.50	CONTRACTUAL	Work To Be Completed	\$ 409,731.50
Old	Repair	9001	Contract	1	LS	\$ 24,750.00	CONTRACTUAL	Work To Be Completed	\$ 24,750.00
New	Repair	9001	Contract	1	LS	\$ 24,750.00	CONTRACTUAL	Work To Be Completed	\$ 24,750.00
Old	Repair	9901	Direct Administrative Costs (Subgrantee)	1	LS	\$ 2,081.16	PERSONNEL	Direct Subgrantee Admin Cost	\$ 2,081.16
New	Repair	9901	Direct Administrative Costs (Subgrantee)	1	LS	\$ 3,290.51	PERSONNEL	Direct Subgrantee Admin Cost	\$ 3,290.51

Deleted Items:

Value	Estimate Type	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate
Removed	Repair	9008	Equipment	1	LS	\$ 1,209.35	EQUIPMENT	Work Completed	\$ 1,209.35

Award - Obligated

409,731.50
24,750.00
3,290.51
437,772.01

Project Budget

335,000.00
x 0.75
251,250.00 Federal

335,000.00
(251,250.00)
83,750.00 Match

South Carolina Department of
Natural Resources



DNR

Alvin A. Taylor
Director

May 2, 2018

Ms. Jennifer LoPresti
Executive Budget Office / Capital Budgeting Unit
1205 Pendleton Street, Ste 529
Columbia, SC 29201-3757

RE: 9963 - Georgetown - Samworth WMA Dike Repair

Dear Jennifer:

The Department of Natural Resources requests authorization from the Joint Bond Review Committee to change the source of funding for the project to repair the Samworth WMA dikes. The Department received notification from the Federal Emergency Management Agency (FEMA) that the grant for Public Assistance to repair the dike breach at Upper Middleton Unit was approved.

This project is categorized as a Large Project Type by FEMA which allows the department to be reimbursed for 75% of project expenditures approved in the scope of work. . The current project estimate totals \$335,000.00. Based on the cost share formula, the department is eligible for \$251,250.00 in FEMA assistance and the balance of \$83,750.00 represents the required match.

The department requests an increase of \$251,250.00 in Federal budget authority for the project. Upon completion of all encumbrance transfers the department will notify the Executive Budget Office that \$251,250.00 can be deducted from Appropriated State budget authority. The overall project budget will not exceed the current authorization of \$335,000.00

As always, we thank the Executive Budget Office for the assistance provided to complete our projects. Please contact me should you have any questions related to this project.

Sincerely,

Scott Speares
Assistant Deputy Director - Office of Support Services

Attachments: A-1, A49
Budget Load Worksheet
SC Recovery Grants Schedule

AGENCY: Department of Corrections

PROJECT/SUBJECT: Report of Department of Corrections (DOC) Regarding Cell Phone Interdiction Efforts

Several projects to deter contraband from entering South Carolina's correctional institutions have been recommended for approval by the Joint Bond Review Committee (JBRC) over the last few years. Most recently, a special subcommittee of JBRC (comprised of Senators Alexander and Campbell and Representatives Smith and Stavrinakis) was appointed to examine the issue and explore possible solutions. The subcommittee had planned a meeting for today; however, DOC Director Bryan Stirling is scheduled to be in Arlington, Virginia, on June 13 and 14, to meet with industry and governmental officials regarding ways to combat the use of contraband cell phones in prisons.

Director Stirling has sent a letter to JBRC outlining his efforts over the last two years as well as those of Governors Haley and McMaster. Mr. Stirling does state that it appears these actions are assisting for the progress to fight contraband cell phones.

As information, DOC has reported that Permanent Improvement Project 9737, Security Perimeter Netting System, recommended for approval by JBRC in April 2017, has been completed at three correctional institutions (Ridgeland, Evans and Lieber). Director Stirling has stated that there have been no reports of "throw overs" at the three institutions since the netting was installed. A contract has been awarded to install the netting system at three additional institutions (Lee, Broad River, and McCormick), and five remaining institutions (Perry, Kershaw, Trenton, Turbeville, and Tyger River) will complete the project.

COMMITTEE ACTION:

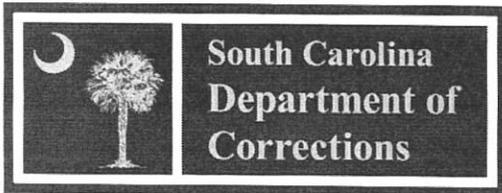
Receive as information Director Stirling's letter regarding cell phone interdiction efforts.

ATTACHMENTS:

Letter from Bryan P. Stirling, Director, DOC, dated June 7, 2018

AVAILABLE UPON REQUEST:

- 1) Letters to FCC or Referencing Contraband Cell Phones
- 2) Listing of Meetings Regarding Contraband Cell Phones



HENRY McMASTER, Governor
BRYAN P. STIRLING, Director

June 7, 2018

The Honorable Hugh Leatherman, Chairman
Joint Bond Review Committee
L. Marion Gressette Building
1101 Pendleton Street #111
Columbia, South Carolina 29201

Dear Senator Leatherman:

It is my understanding that the Joint Bond Review Committee will meet on June 13, 2018. I wanted to appear before the committee to provide an update on our current endeavors to minimize contraband cell phones within the prisons throughout the State; however, I will be in Arlington, Virginia on June 13-14, 2018 for a Cellular Telecommunications Industry Association (CTIA) meeting where the tentative plan is to spend the first day looking at the various tools such as jamming, etc. and the second day focusing on timelines, next steps, FCC involvement, etc.

April 6, 2016, Ajit Pai, then Commissioner with Federal Communications Commission (FCC) coordinated, in conjunction with the South Carolina Department of Corrections (SCDC), a field hearing regarding contraband cell phones. Governor Haley addressed the audience and shared her concerns on this very serious public safety issue. Captain Robert Johnson's story about the attempt on his life, utilizing a contraband cell phone to coordinate the hit, was shared at this field hearing as well. SCDC also displayed thousands of contraband cell phones collected from within our prison systems.

On June 9, 2017, I wrote Attorney General Sessions informing him that contraband cell phones are one of the most serious issues facing prisons across the country. Contraband cell phones enable inmates to continue illegal activities from behind prison walls. I carbon copied our Congressional Delegate in the hopes to engage them in the battle against contraband cell phones.

Page 2
June 7, 2018
Joint Bond Review Committee

On June 29, 2017 I traveled with other directors to Washington, D.C. to brief senior members of the Department of Justice on contraband cell phone issues.

On August 17, 2017, Governor McMaster sent a letter with an attached memorandum to Attorney General Sessions regarding illegal cell phones in prisons. On February 16, 2018 Governor McMaster wrote Attorney General Sessions again thanking him for his continued ongoing efforts to stop illegal contraband cell phones in our prisons. On April 27, 2018, Governor McMaster had a telephone conference with Chairman Pai regarding contraband cell phones.

Both Governor Haley and McMaster have been strong advocates against contraband cell phones.

It appears that these actions are assisting with the progress in the fight against contraband cell phones. I now serve on a committee with other correctional directors from across the United States, CTIA and the FCC to try and be innovative in our endeavors to eradicate contraband cell phones from within our prison systems.

Additionally, attached please find a timeline with exhibits of the above and additional information. I would like to thank you for your support in this battle against contraband cell phones. I look forward to our continued efforts in this area. Thank you.

Sincerely,


Bryan P. Stirling

Attachments

BPS/ndh

AGENCY: Department of Mental Health

PROJECT/SUBJECT: Department of Mental Health (DMH) Update Regarding State Veterans Nursing Home Projects

At its meeting on April 25, 2018, the Joint Bond Review Committee (JBRC) recommended approval of increased funding to continue design work for three State Veterans Nursing Home projects (Northeast in Florence, Northwest in Gaffney, and Central in Columbia). DMH is required to submit an environmental assessment for each of the sites along with 35% complete design drawings by August 1 in order to be considered for federal funding. If accepted, a conditional award will be approved in late September. DMH will then have 180 days to complete the design and begin construction. The VA will provide up to 65% of the cost, and state funding will be required for the remaining 35%. The total cost of the three projects is currently estimated to be approximately \$120 million. DMH has set aside \$42.5 million to cover the state's share of the construction projects.

DMH has submitted an update regarding the three projects for JBRC's information.

COMMITTEE ACTION:

Receive as information DMH's report regarding three State Veterans Nursing Home projects.

ATTACHMENTS:

DMH Report Entitled "Future South Carolina State Veterans Nursing Homes"

FUTURE SOUTH CAROLINA STATE VETERANS NURSING HOMES

BACKGROUND:

The South Carolina Department of Mental Health (SCDMH) operates South Carolina's three current State Veterans Nursing Homes. The facilities are located in Anderson, Columbia and Walterboro SC, with a combined total capacity of 530 beds. The existing and projected future needs significantly exceed the current capacity.

On behalf of the State, SCDMH applied to the VA in 2015 for construction grants for three (3) additional 108 bed State Veterans Nursing Homes. The Veteran's Administration (VA) subsequently approved preliminary designs for these projects and they are currently listed as priorities #59-61 on the FY 2018 State Home construction grant list (Group 1; State matching funds). On April 16th, the State received funding offer letters for the construction of all three Homes, and at the April 25th JBRC meeting an additional \$2,500,000 in design funding was approved for SCDMH to continue the necessary advance planning efforts.

The preliminary design was approved by the Veteran's Administration in 2015 and since then, SCDMH has continued to do additional preliminary design to site the facilities on the property identified in Florence (adjacent to the National Cemetery), Cherokee County (near Gaffney), and Columbia (off of I-20 on Farrow Road). On behalf of the State, SCDMH has also acquired the property in both Florence and Cherokee Counties for those future Nursing Homes.

During the current phase of the design, the project team is designing the interior spaces of each facility, including resident rooms, staff work spaces, kitchen, dining and other support functions necessary to serve the future residents of the facilities.

The grant guidelines specify that the state must submit an environmental assessment for each of the sites, along with 35% complete design drawings by August 1st, 2018 in order to be considered for conditional grant funding award. The VA Grant Office will review the documents and, if accepted, the Undersecretary of Health will approve the conditional award in late September. The state will then have another 180 days to complete the design and be ready to begin construction to receive a final grant award and associated funding. The VA would provide up to 65% of the required funding, with the state funding the remaining 35%. The total cost of the three projects together is currently estimated to be approximately \$120 million, and will have a significant positive ongoing economic impact to South Carolina. Final estimates of the cost of construction will not be available until the design work is completed.

JUNE, 2018 UPDATE:

Since the April JBRC meeting, there have been multiple design activities occurring in support of meeting the VA funding deadlines. They include:

- **Environmental Assessments (EAs)** - Draft EAs have been completed for all three sites, including the work required to gain State Historical Preservation Office approval. Documents are currently under VA review and we expect to be able to post the documents for public comment by mid-June.

- **Stakeholder input-** The Steering Committee met on May 11th and will be meeting again on June 12th. The design team will be meeting with the Cherokee County and Florence advisory groups on June 13th and June 14th respectively.
- **South Carolina regulatory review-** The design team has met with both DHEC and OSE and will be conducting formal schematic design reviews with both Agencies the week of June 18th. We anticipate no issues in meeting the 35% design completion requirement by August 1st.

CONCLUSION:

The Department is continuing to aggressively manage the design and we are optimistic regarding the results of the EAs at all three sites, including the historic aspects. SCDMH expects to return to the JBRC in August to request full phase II design and construction funding for all three projects. We will continue to keep you informed as the project proceeds.

JOINT BOND REVIEW COMMITTEE
Meeting of June 13, 2018

Item Number 7

AGENCY: Joint Bond Review Committee

PROJECT/SUBJECT: Future Meeting Schedule

The next tentatively-scheduled meeting of the State Fiscal Accountability Authority is August 21, 2018.

2018

January

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August

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November

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December

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30	31					

Designed by Amy, amystudio.com

COMMITTEE ACTION:
Schedule next meeting.

ATTACHMENTS:
None