



**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Charleston Peninsula Study

Charleston County

P2#: 474899

Congressional Districts: Joe Cunningham (SC-1) James Clyburn (SC-6)

Appropriation: Investigations
Phase: Feasibility
Business Line: Flood Risk Management

Authority: PL 115-123

Location Description: The project is located in the City of Charleston, Charleston County, South Carolina, specifically the Peninsula area that is surrounded by the Ashley and Cooper Rivers.

Project Description: The Charleston Peninsula Coastal Storm Risk Management (CSRSM) Study purpose is to investigate potential structural and nonstructural solution sets in terms of coastal storm risk management. Coastal storm risk management seeks to address coastal storm and flood risk to vulnerable populations, property, ecosystems, and infrastructure along the coast. The Charleston Peninsula, South Carolina has high levels of risk and vulnerability to coastal storms which will be exacerbated by a combination of sea level rise and climate change over the study period.

Current Status: As of 15 April 19 - The Charleston District and City of Charleston executed a Feasibility Cost Sharing Agreement on October 10, 2018. The feasibility study is 100% federally funded under the recent Bipartisan Budget Act of 2018. The team continues to work on identifying the future without project as the baseline for engineering and economic analysis. Project team members continue to do outreach opportunities to discuss the project and potential impacts for local residents. The next scheduled major milestone is select the tentative plan in January 2020.

FY20 Capability: Supplemental Funding: \$3,000,000

Sponsor: City of Charleston

Project Manager (PM): Wes Wilson
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**US Army Corps
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Charleston District

Project Fact Sheet

Charleston Harbor, SC - Post 45

Charleston County, SC

P2#: 137921

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:	Phase:	Business Line:
Construction	Construction	Navigation

Authority: Section 216, P.L. 91-611

Location Description: Charleston Harbor is located about midway along South Carolina's Atlantic coastline, supports a vital mission in the defense of our nation and is one of the nation's 17 strategic ports. Latest commercial tonnage as reported by the Waterborne Commerce Statistics Center for Fiscal Year 2017 was 27 million short tons of cargo, which ranks it eighth in the nation for container traffic. The major commodity imported and exported is manufactured equipment and machinery. Per United States Department of Commerce/Bureau of the Census, the 2017 value of waterborne commerce through Charleston was \$70 billion. According to a 2015 study by the University of South Carolina, Port operations facilitate 187,600 jobs across South Carolina and nearly \$53 billion in economic activity each year. It is one of five major port infrastructure projects considered to be nationally and regionally significant.

Project Description: The National Economic Development (NED) plan includes a channel project depth of -50 feet mean lower low water (MLLW) with associated channel widening and turning basin modifications and a fully funded project cost of \$460,574,000 (October 1, 2019 cost levels). The non-federal sponsor, the South Carolina State Ports Authority (SCSPA), subsequently requested a locally preferred plan (LPP) with a project depth of -52 feet MLLW containing associated channel widening and turning basins. The recommended plan authorized by Congress is the LPP. The fully funded project cost of the authorized General Navigation Features is \$548,892,000, with average annual benefits from the latest approved evaluation of \$169,627,000; average annual costs of \$26,460,000; and a benefit-to-cost ratio of 6.4 at 2.875%. The federal share of the authorized project costs is approx. \$345,430,000 and the non-federal share is approx. \$203,462,000. The authorized project consists of the following navigation improvements: (1) Deepen the existing entrance channel from a project depth of -47 feet to -54 feet MLLW and extend approximately three miles seaward from the existing location to a depth contour of -54-foot MLL W; (2) Deepen the inner harbor from an existing project depth of -45 feet to -52 feet MLLW from the Entrance Channel to the confluence of the Wando and Cooper Rivers, about two miles up the Wando River to the Wando Welch Terminal and about three miles up to the Cooper River to the Hugh K. Leatherman, Sr. Terminal, and to a project depth of -48 feet MLLW over the five mile reach leading from the Hugh K. Leatherman, Sr. Terminal to the North Charleston container facility; (3) Enlarge the existing turning basins at the Wando Welch, Hugh K. Leatherman, Sr. and North Charleston terminals; and (4) Widen selected channel reaches.

Current Status: As of 5 April 2019 - The Project was authorized for construction on 16 Dec 2016 by Section 1401(1)6. of the Water Resources Development Act of 2016 (WRDA 2016), Public Law 114-322. The District received \$17,500,000 in funding in the FY 17 work plan for a new start construction project followed by \$49,000,000 and \$41,415,000 in the FY 18 and FY 19 work plans, respectively. The Project Partnership Agreement (PPA), which includes provisions for the SCSPA to advance the Federal share in addition to the non-Federal share for the purpose of constructing the Project, was executed on 19 Jul 2017. The first two construction contracts for deepening the Entrance Channel were awarded on 7 September and 26 October, 2017, respectively, with a total current obligated value of \$325,530,850. Physical dredging construction started on 3 March 2018. The predicted construction duration for the project ranges from 40 to 76 months, assuming full funding and dredging industry availability to complete the requirements.

FY20 Capability: President's Budget Amt: \$138,040,078

Sponsor: South Carolina State Ports Authority

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Lakes Marion and Moultrie, SC

Dorchester County, SC

P2#: 113262

Congressional Districts: James Clyburn (SC-6)

Appropriation:	Phase:	Business Line:
Construction	Construction	Water Supply

Authority: Sec 219, P.L. 102-580 and Sec 502(f)(25), P.L. 106-53 as amended by Sec 108(c)(4) P.L. 106-554 and further amended by Sec 126, P.L. 108-137 and further amended by Sec 5128, P.L. 110-114 and Sec 1157 and Sec 1182 of P.L. 114-322, and Section 1303(b)(2) of P.L. 115-270

Location Description: Using Lake Marion as a source, this environmental infrastructure project will provide potable water to satisfy the immediate and future water supply and sewer needs for a large portion of six counties and seven municipalities located in central South Carolina.

Project Description: The project includes construction of an 8 MGD (million gallon per day) water treatment plant completed in May 2008, construction of a water tower completed in February 2012, installation of approximately 75 miles of water transmission lines, and installation of a sewer component. Like all environmental infrastructure projects this project cannot be budgeted for by the Administration and in the absence of earmarks has received funding when there are funding pots for environmental infrastructure available during development of a USACE Work Plan. The U.S. Army Corps of Engineers had authority to expend \$60M for planning, engineering, design, and construction assistance. WIIN/WRDA 2016 added Berkeley County to the counties for which assistance can be provided and removed Sumter County. It also increased the total federal funding amount authorized to be appropriated by up to \$50M.

Current Status: As of 15 April 2019 - Approximately 40 miles of the 75 total miles of water transmission lines have been completed to date. The construction of the Holly Hill to Harleyville Reach transmission line was completed in September 2015. The Dorchester County Reach, for which a construction contract was awarded in November 2017, is approximately 10.6 miles long and will serve the future needs of the planned Volvo Plant development in Berkeley County as well as supporting development in Dorchester County at the Ridgeville Commerce Park. The Lake Marion Regional Water Agency (LMRWA) and the Charleston District are modifying the Dorchester Reach to bring the water transmission line, up Highway 27 and closer to the Volvo plant. We are also coordinating on designs for the next LMRWA priority, the Winding Woods tank and Providence Reach, followed by the Orangeburg-Berkeley Reach and Winding Woods Reach in 2020.

FY20 Capability: President's Budget Amt: \$0

Sponsor: Lake Marion Regional Water Agency

Project Manager (PM):	PM Phone:	PM Email:
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**US Army Corps
of Engineers**

Charleston District

Project Fact Sheet

Inspection of Completed Works, SC

P2#: 476739

Congressional Districts: Joe Cunningham (SC-1) Joe Wilson (SC-2) Jeff Duncan (SC-3)
 William Timmons (SC-4) Ralph Norman (SC-5) James Clyburn (SC-6)

Appropriation: **Phase:** **Business Line:**
 Operation & Maintenance NA Flood & Coastal Storm Damage Reduction

Authority: Section 221; P.L. 91-611

Location: Multiple

Description:

Project Description: Periodic inspection of federally constructed, locally operated projects in the District. A full report on the project condition is prepared and forwarded to the local sponsor with recommendations for corrective action if required. Proposed inspections are necessary to determine if local interests are maintaining projects in accordance with existing agreements.

Current Status: As of 15 April 2019 - Three (3) Small Flood Control (CAP 205) projects sustained significant damage during the October 2015 severe flooding event in SC. In November 2015, the Non-Federal Sponsors (NFS) submitted requests for federal rehabilitation assistance under PL84-99. In January 2016, the South Atlantic Division endorsed the recommendations of the project information reports and Federal funding was then provided for the Engineering & Design (E&D) phase in February 2016. Non-Federal Sponsors and Corps executed Cooperation Agreements (CA's) in 2016 which permitted the the E&D Phase to begin. Repair work involves rehabilitation of damaged project features, primarily channel banks, to pre-disaster conditions and level of protection. The intent is to award a construction contract for rehabilitation by mid FY 19. The Corps is working to consolidate the following three projects into one for economics of scale. Design is complete.

Sawmill Branch (CAP 205) PL84-99 Rehabilitation of Damaged Flood Control Works
 Total Cost: \$811K (100% Federal) - Received \$99,032 for Engineering and Design

Turkey Creek (CAP 205) PL84-99 Rehabilitation of Damaged Flood Control Works
 Total Cost: \$561K (100% Federal) - Received \$33,412 for Engineering and Design

Kingstree Branch (CAP 205) PL84-99 Rehabilitation of Damaged Flood Control Works
 Total Cost: \$383K (100% Federal) - Received \$63,675 for Engineering and Design

FY20 Capability: \$65k is set to be allocated to complete inspections on federally constructed projects.

Sponsor: NA

Project Manager (PM): **PM Phone:** **PM Email:**
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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Folly Beach, SC

Charleston County, SC

P2#: 113064

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:

Construction

Phase:

Construction

Business Line:

Storm Damage Reduction

Authority: Section 501 (a), P.L. 99-662 and Section 108, P.L. 102-104

Location Description: Folly Beach is located about 12 miles south of Charleston, South Carolina on Folly Island. Folly Island is 6.1 miles in length, of which 5.34 miles are included in the Federal project.

Project Description: The plan of improvement provides for protection from a 5-year storm event over a total project reach of 5.34 miles. Periodic nourishment will be required approximately every eight years. A Corps Section 111 study established that 57% of the erosion/damage at Folly Beach resulted from the Federal navigation improvements at the Charleston Harbor jetties, therefore, it is classified as a navigation mitigation project. This resulted in cost sharing of 85% Federal and 15 % non-Federal instead of the usual 65% Federal and 35% non-Federal. The initial nourishment was completed in 1993 and the first periodic nourishment was completed in 2005. The second periodic nourishment commenced in January 2014 and was completed in June 2014 placing 1.4M CY of material at a cost of approximately \$31.7M.

Current Status: As of 15 April 19 - The construction for beach rehabilitation from Hurricanes Matthew, Irma and Florence is complete. The project will be fiscally closed out in the 3rd quarter of 2019. Additionally, the Bipartisan Budget Act of 2018 provided funding for a feasibility study of Folly Beach to determine whether the existing authorized project is the most effective and efficient plan for providing coastal storm damage reduction benefits and resiliency along the Folly Beach shoreline. The feasibility study is 100% federally funded (\$3M) and will be completed by November 2021 (3 years). Due to the challenges of executing the District's normally recurring work and its supplemental work, we are leveraging the Corps' regional capabilities and expertise and the Wilmington District has given mission assignment for completion of this study. The Charleston District will maintain future construction of this crucial project and will assist the Wilmington District in completion of the feasibility study.

FY20 Capability: President's Budget Amt: \$0

Sponsor: City of Folly Beach, SC

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Myrtle Beach, SC

Horry & Georgetown Counties, SC

P2#: 113069

Congressional Districts: Tom Rice (SC-7)

Appropriation:

Construction

Phase:

Construction

Business Line:

Storm Damage Reduction

Authority: Section 101, P.L. 101-640

Location Description: The project is located along the coast of Horry County, South Carolina, and a small portion of adjacent Georgetown County, South Carolina.

Project Description: The project reduces the risk of coastal storm-induced damages to people and property along the Grand Strand. Congress authorized the project in the Water Resources Development Act of 1990. Funding is cost-shared 65% Federal and 35% non-Federal. The project encompasses three separable reaches with different non-Federal sponsors for each reach. During the 50-year period of analysis, there are five 8-year or 10-year periodic nourishments depending on the reach. The timing and amount of material are dependent on the performance of the project versus the frequency and severity of the storms impacting the area. The original nourishment, constructed from 1996 to 1998, placed 6.4 million cubic yards of material at a cost of \$51.3 million over a total project reach of 25.4 miles. The first periodic nourishment, constructed from November 2007 to January 2009, placed 3.3 million cubic yards of material at a cost of \$37.5M.

Current Status: As of 15 April 19 - Impacts from Hurricanes Matthew, Irma and Florence on the southeast Atlantic coastline were documented in project information reports (PIRs) for each of the three reaches of the Myrtle Beach project. The purpose of the report is to document the impacts and support a decision regarding whether Federal rehabilitation assistance from the Corps is needed and cost effective. The Myrtle Beach contract for damages due to Hurricanes Matthew and Irma was awarded in June 2018. The contractor has completed work in the City of Myrtle Beach (Reach 2). The rehabilitation from Hurricane Florence in North Myrtle Beach (Reach 1) will begin in May and expected to be complete by early June. The rehabilitation from Hurricane Florence in Garden City/Surfside (Reach 3) will begin right after the work in North Myrtle Beach (Reach 1) is complete and expected to last 1 month. The District received a request from all three project sponsors to reformulate the project under a general re-evaluation report.

FY20 Capability: President's Budget Amt: \$0

Sponsor: City of North Myrtle Beach, City of Myrtle Beach, and Horry County, SC

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Edisto Island, SC

Colleton County, SC

P2#: 113475

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:

Investigations

Phase:

PED

Business Line:

Storm Damage Reduction

Authority: SC Shores resolution adopted 22 Apr 88 by the Senate Committee

Location Description: Edisto Island is a barrier island approximately 4.5 miles in length and located approximately 45 miles southwest of Charleston, South Carolina.

Project Description: There are significant problems affecting buildings and infrastructure on Edisto Beach. Homes and businesses are perilously close to structural failure as a result of erosion caused by coastal storms, particularly hurricanes and northeasters. State Highway 174 is the only evacuation route off the island and has been subject to overwash and flooding. If allowed to continue unabated, erosion will continue to threaten other infrastructure such as water and electrical systems. With these problems, there are opportunities to reduce risks to buildings and infrastructure from storms, protect the island's only emergency evacuation route, and to preserve long-term sea turtle nesting and shorebird habitat. The Chief's Report was signed on September 5, 2014.

The recommended plan includes construction of new dune and berm features, and lengthening of existing groins along 4.5 miles of beach. The recommended plan is the National Economic Development (NED) plan. The plan provides for coastal storm damage reduction of buildings and other infrastructure; protects the only evacuation route; protects important sea turtle and shorebird habitat; preserves existing recreational opportunities; and has the full support of the local sponsor and stakeholder agencies.

Current Status: As of 15 April 2019 - The Project was authorized for Construction in P.L. 114-322 on 16 December 2016. The Corps and Non-Federal Sponsor (Town of Edisto Beach) executed a Design Agreement to design the Federal project as formulated on 22 February 2018. Edisto Beach was damaged by Hurricane Irma and other declared disaster events from 2014-2017. Therefore, the Colleton County (Edisto Beach) federal project has been selected for funding from the FY18 Supplemental Appropriations Bill in order to construct the project. The team conducted a site visit and kick-off meeting with the non-Federal sponsor. The goal is to physically complete the project by 15 October 2020, but could be completed sooner based on real estate easement acquisition, the sponsor's responsibility. Sponsor is having trouble obtaining easements from property owners. They continue to hold informational meetings to educate the benefits.

FY20 Capability: Supplemental Funding: \$22,228,000

Sponsor: Town of Edisto Beach

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**US Army Corps
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Charleston District

Project Fact Sheet

Pawleys Island, SC

Georgetown County, SC

P2#: 113375

Congressional Districts: Tom Rice (SC-7)

Appropriation:	Phase:	Business Line:
Construction	Construction	Storm Damage Reduction

Authority: P.L. 110-114, Section 1001

Location Description: This hurricane and storm damage reduction project is located on Pawleys Island, which is a 3.5-mile long barrier island located approximately 22 miles southwest of Myrtle Beach and 13 miles northeast of Georgetown, South Carolina.

Project Description: The authorized Federal project consists of construction of a 6,800 foot long protective sand berm, with two 350 foot tapers (7,500 feet total) along the southern reach of the island to reduce storm damages. The project calls for periodic nourishment over a 50-year period. Periodic nourishment, accomplished via four 9-year renourishment intervals and one 5-year renourishment interval, would optimize net benefits over the 50-year period of analysis. The estimated volume of fill for initial project construction is 666,400 cubic yards. The construction period is estimated to be two months. The Chief's Report was approved on December 19, 2006.

Current Status: As of 15 April 2019 - Pawleys Island was damaged by Hurricane Irma and other declared disaster events from 2014-2017. Therefore, the Pawleys Island federal project was selected for funding from the FY18 Supplemental Appropriations Bill in order to construct the project. The Corps team has received \$426,000 to complete design. The team conducted a site visit and kick-off meeting with the NFS 15 November 2018. Preliminary design work indicates that recent storms have taken a toll on the existing conditions. Quantities of sand have increased significantly, as has the unit cost of dredged sand, from \$6/CY to \$12/CY. District preparing for Change Control Board for approval to move forward with cost increases. The goal is to physically complete the project by 15 October 2020, but could be completed sooner based on real estate easement acquisition, the NFS's responsibility. Sponsor is optimistic that they will have necessary easements by early May 2019.

FY20 Capability: Supplemental Funding: \$9,230,000

Sponsor: Town of Pawleys Island

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**US Army Corps
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Charleston District

Project Fact Sheet

Charleston Harbor, SC

Charleston County, SC

P2#: 476887

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:	Phase:	Business Line:
Operation & Maintenance	NA	Navigation

Authority: Multiple River & Harbor Acts, Beginning 1878, Latest Sec 101 WRDA 96 (P.L. 104-303)

Location Description: Charleston Harbor is located on the coast of South Carolina about 15 miles south of the midpoint of the coastline. Charleston Harbor supports a vital mission in the defense of our nation and is one of the nation's 17 strategic ports. It is the 4th busiest container port on the East coast.

Project Description: This project consists of maintenance of 38.6 miles of channel, three turning basins, and one anchorage basin. The lower harbor requires dredging every year, the entrance channel every other year, and the upper harbor approximately every 15 - 18 months.

Current Status: As of 5 April 2019- Construction of the Upper Harbor O&M contract completed in November 2018. A contract for O&M dredging in the Lower Harbor in areas not covered by the Lower Harbor deepening was awarded in February 2019. The District has reevaluated the disposal fees we charge our 3rd party users and anticipate an increase from .51 per CY to \$2.00 per CY. This is due to an increase in cost of maintaining the Clouter Creek disposal areas. It is expected that regional prioritization of limited O&M funds will prevent funding of mosquito abatement activities for the foreseeable future.

FY20 Capability: President's Budget Amt: \$19,476,000
Total Capability: \$33,659,000

Capability:

\$14,408,000 - Entrance Channel, Lower, and Upper Harbor Maintenance Dredging
\$1,227,000 - Perform Condition Surveys, Environmental Activities, and Oversight
\$1,841,000 - Disposal Area Maintenance at Clouter Creek
\$9,145,000 - Post 45 Overburden Maintenance Dredging
\$7,038,000 - Advanced Maintenance Dredging

Sponsor: NA

Project Manager (PM):	PM Phone:	PM Email:
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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Atlantic Intracoastal Waterway, SC

Entire East Coast of SC

P2#: 476894

Congressional Districts: Joe Cunningham (SC-1) Tom Rice (SC-7)

Appropriation:	Phase:	Business Line:
Operation & Maintenance	NA	Navigation

Authority: Multiple River and Harbor Acts, Beginning 1890, Latest RHA of 1945 (P.L. 14)

Location Description: The Atlantic Intracoastal Waterway, a naturally protected navigation route that generally parallels the Atlantic coast between Norfolk, VA, and the St. John's River in Florida.

Project Description: The AIWW was constructed in the early 1940's and South Carolina's portion runs a distance of 210 miles and has an authorized depth of 12 feet. Charleston District maintains approximately 90 small to medium-sized disposal areas along the AIWW totaling 2,399 acres. The AIWW is divided into 3 reaches in SC. In order to restore the AIWW to the authorized depth of 12 feet over a period of approximately 3 years, the estimated annual appropriation needed is \$6.0 million. Once we have reached the authorized depth, the estimated annual appropriation needed to maintain the AIWW in SC is approximately \$4.5 million.

Current Status: As of 15 April 2019 - The District received \$3.5M in the FY19 Presidents Budget, \$3.5M in the FY19 Work Plan and \$13.4 in Supplement funding. Supplemental funding was used to award AIWW Dredging Phase 2 from Georgetown to Charleston. The construction of this project is expected to last into late summer 2019. Currently, the District is expected to complete the Breach Inlet Dike Raising and AIWW Dredging Phase 1 from Charleston to Port Royal by 2019. Funding received in FY19 will be used to award a construction contract that will enable the District to continue to maintain the AIWW. In parallel to the FY19 contract award, we are developing an environmental assessment for potential placement of dredged material in addition to upland placement.

FY20 Capability: President's Budget Amt: \$285k to fund annual project maintenance.
Total Capability: \$10.8 million to fund dredging and placement area maintenance contracts.

Sponsor: NA

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Cooper River, Charleston Harbor, SC

Berkeley and Charleston Counties, SC

P2#: 476967

Congressional Districts: Joe Cunningham (SC-1) James Clyburn (SC-6)

Appropriation:	Phase:	Business Line:
Operation & Maintenance	NA	Navigation

Authority: Section 101, P.L. 90-483 modified by P.L. 102-104 and further modified by Section 353, P.L. 104-303

Location Description: The project is located in Charleston and Berkeley Counties. All improvements are in Berkeley County about 45 miles from Charleston, SC.

Project Description: The Cooper River Rediversion Project includes operation and maintenance of the St. Stephen Power Plant and associated structures and facilities in accordance with our agreement with the South Carolina Public Service Authority (SCPSA or Santee Cooper). The Project diverts most of the Santee River waters above Pinopolis Dam back into the lower Santee River. Annually, the hydro generating units produce an average of 160,000 MWh of electricity from the diverted Santee River waters. Also included in the project authorization was the design and construction of a fishlift. Since the fishlift opened in 1987, the structure has passed about 10 million herring, 7 million shad, and tens of thousands of other types of fish.

The Project was authorized, constructed and is operated in order to reduce siltation in the Charleston Harbor. Prior to rediversion, costs for the operation and maintenance of the Charleston Harbor were threatening the continued viability of the port. The Project has reduced sedimentation rates in Charleston Harbor from 10 million cubic yards to 2 million cubic yards annually, resulting in a savings of \$36 million per year in annual dredging costs.

Current Status: As of 15 April 2019 - Funds are being used to operate the power plant, perform power plant maintenance and perform maintenance of non-recreational buildings, grounds, utilities and the fish lift.

FY19 Allocation: \$5,188,000

Routine Operation and Maintenance: \$3,828,000 to maintain and operate the power plant and fish lift, to manage natural resources, to perform condition and operational studies/activities and to comply with water quality, State and Federal environmental and reliability regulations. Impacts of not funding: Increased shoaling in Charleston Harbor which is downstream of the Project and impacts to effectively passing fish through the fish lift for the upcoming spawning season.

Non-Routine Maintenance: \$1,360,000 - Funds will be used to prepare the design of fish lift gate 1 and the replacement and motor control center and replacement of the generator rewedged, brakes, and turbine cavitation for unit .

FY20 Capability: President's Budget Amt: \$3,994,000

Sponsor: NA

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Project Condition Surveys, SC

P2#: 476957

Congressional Districts: Joe Cunningham (SC-1) Tom Rice (SC-7)

Appropriation: Operation & Maintenance
Phase: NA
Business Line: Navigation

Authority: Section 7, Rivers and Harbors Act of 1899

**Location
Description:** Multiple

**Project
Description:** Perform condition surveys of existing navigation channels to determine the depth so we can provide channel conditions to waterway users.

**Current
Status:** As of 15 April 2019 - Funds are being utilized to perform surveys on navigation projects which were not funded in the President's budget.

**FY20
Capability:** Impacts of not funding: The public and the US Coast Guard depend on our survey information as a means of safe navigation on these water bodies. Vessel groundings could result if we fail to provide channel conditions to using traffic. It would also inhibit our ability to properly plan for future operation and maintenance needs at these projects.

Sponsor: NA

Project Manager (PM): Jeremy Johnson
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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Town Creek, SC

Charleston County, SC

P2#: 111495

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:

Operation & Maintenance

Phase:

NA

Business Line:

Navigation

Authority: Section 107, P.L. 86-645

Location Description: Town Creek is located one mile southwest of McClellanville, SC. The Town of McClellanville, located on Jeremy Creek, is home port to a large fleet of shrimp boats. Today, the principal economic activity is commercial fishing.

Project Description: The project provides an inner channel ten feet deep by 80 feet wide from the AIWW to the mouth of Five Fathom Creek, a distance of 6.2 miles and also includes an entrance channel twelve feet deep by 100 feet wide across the ocean bar, a distance of 4.0 miles. This channel provides access to the open ocean for 30 - 35 commercial shrimp vessels that operate out of the area. The Entrance channel was last dredged in June - July 2009.

Current Status: As of 15 April 2019 - There are no funds in the FY19 Presidents Budget or Work Plan.

FY20 Capability: President's Budget Amt: \$0

Sponsor: NA

Project Manager (PM):

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Georgetown Harbor, SC

Georgetown County, SC

P2#: 111484

Congressional Districts: Tom Rice (SC-7)

Appropriation:

Operation & Maintenance

Phase:

NA

Business Line:

Navigation

Authority: Multiple River and Harbor Acts. Beginning 1886, Latest RHA of 1948 (P.L. 858)

Location Description: The project is located on the coast of South Carolina at the entrance of Winyah Bay.

Project Description: Consists of maintenance of 19 miles of channel and one turning basin and includes three disposal areas for a total of 550 acres. The Port of Georgetown is largely a break-bulk facility - the shipping of goods that won't economically or physically fit in standard 20-foot-long containers, such as coal or cement. Sampit River and Upper Winyah Bay require dredging yearly and the entrance channel every other year. The three upland disposal areas used for this project require ongoing annual maintenance and periodic dike raising. The estimated annual appropriations needed are approximately \$5M - \$6M per year. The inside channel was last dredged in August 2008. The entrance channel was last dredged in February 2006.

Current Status: As of 15 April 2019 - Georgetown County has communicated to the District that it is examining alternative uses for the sales tax revenue it intended to contribute to the project depth recovery effort. The County and District have had preliminary discussions about the County contributing these funds for maintenance dredging of the bypass channel that services the Historic Downtown Georgetown Harborwalk area. Ultimately, the choice of whether to proceed with contributed funds is up to the County and the District will support them if requested.

FY20 Capability: President's Budget Amt: \$0
Total Capability: \$8,118,000

Impacts of not funding: Failure to maintain the channels and disposal areas will eventually close down the port.

Sponsor: NA

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Murrells Inlet, SC

Georgetown County, SC

P2#: 111488

Congressional Districts: Tom Rice (SC-7)

Appropriation:

Operation & Maintenance

Phase:

NA

Business Line:

Navigation

Authority: P.L. 89-298

Location Description: The project is located on the coast of South Carolina, in Georgetown County, about 13 miles southwest of the City of Myrtle Beach, SC.

Project Description: The projects consists of maintenance of 0.6 miles of entrance channel, 3 miles of inner channel, one turning basin, one deposition basin, and two stone jetties. Prior to the 2017 effort, the channel was previously dredged in 2002.

Current Status: As of 15 April 19 - We have had several reports about beach erosion caused by the Murrells Inlet north jetty at high tide. Several team members inspected the area and determined there does not appear to be beach erosion caused by the North Jetty being underwater at high tide. The Murrells Inlet north jetty has a low weir function that is designed to be overtopped at high tide. Further evaluation is needed of the low weir jetty elevation and beach erosion, which will be done when receive the aerial lidar data in May.

FY20 Capability: President's Budget Amt: \$0

Sponsor: NA

Project Manager (PM):

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Folly River, SC

Charleston County, SC

P2#: 111483

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:

Operation & Maintenance

Phase:

NA

Business Line:

Navigation

Authority: Section 107, P.L. 86-645

Location Description: The project begins in Folly River and Folly Creek north of the Town of Folly Beach and follows a southwesterly course through Stono Inlet into the Atlantic Ocean.

Project Description: This project calls for maintenance of 7.0 miles of channel. This channel provides access to the open ocean for commercial shrimp vessels that operate out of the area. The estimated annual appropriations needed is approximately \$500,000 except every other year when the inside channel needs to be dredged the requirement is approximately \$1,500,000. Because of meandering sandbars and no jetties this is a project that requires dredging annually in the entrance channel.

Current Status: As of 15 April 19 - The contractor has completed all dredging associated with Folly River and Folly Beach. The project will be fiscally closed out at the beginning of the 3rd quarter 2019.

FY20 Capability: President's Budget Amt: \$0
Total Capability: \$4,975,000

Sponsor: NA

Project Manager (PM):

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

CAP 206 - Horry County Crabtree Swamp

Horry County

P2#: 457355

Congressional Districts: Tom Rice (SC-7)

Appropriation:

Construction - Continuing Authority

Phase:

Business Line:

Authority:

Location Crabtree Swamp, City of Conway, Horry County, SC.

Description:

Project Description: Horry County had initially expressed interest in restoring Crabtree Swamp and the adjacent flood plain to a more natural condition. Over the years, channelization and surrounding development have negatively impacted the watershed and its adjacent flood plain. The Corps completed a federal interest determination which recommended that the project move forward to the feasibility phase based on the anticipated quantity of ecosystem restored relative to costs, which is both favorable and in the federal interest. This study will be accomplished under CAP 206 Aquatic Ecosystem Restoration authority.

Current Status:

As of 15 April 2019 - The Non-Federal Sponsor is finally able to cost share a study; as local matching funds had been a problem in the past. The Federal Interest Determination was approved by HQ in June 2016. The Feasibility Cost Sharing Agreement execution is the next step, the approved agreement was signed by Horry County on 5 April 2019; expect to have executed before the end of the month.

FY20 Capability: \$200,000

Sponsor:

Project Manager (PM):
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US Army Corps
of Engineers

Charleston District

Project Fact Sheet

Charleston Harbor Sec 204 CAP

Charleston, SC

P2#: 450947

Congressional Districts: Joe Cunningham (SC-1)

Appropriation: Construction - Continuing Authority **Phase:** NA **Business Line:** NA

Authority: Section 22, P.L. 93-251

Location Description: Charleston Harbor is located about midway along South Carolina's Atlantic coastline.

Project Description: Investigate potential beneficial uses of dredge material for the Charleston federal navigation project, including existing maintenance dredging cycles and the Harbor deepening project (Post 45). Building upon the Charleston Harbor Dredge Material Management Plan (DMMP) and the Post 45 Supplemental Environmental Assessment (EA) for Beneficial Use of Dredged Material, the goal of the study is to identify alternatives for managing/distributing the sediment resources within the federal project in order to protect, restore, and/or create coastal and estuarine resources in the region surrounding the federal project. The recommended plan from this evaluation is the final placement volume of 660,000 cubic yards on Crab Bank harbor island in order to create approximately 28 acres of Brown Pelican nesting habitat at an estimated costs of \$3.98 million.

Current Status: As of 5 April 2019 - The Feasibility Phase commenced in January 2016 after the approval of a Federal Interest Determination in December 2015 by the South Atlantic Division (SAD). The original Sponsor for this study is the South Carolina State Ports Authority (SCSPA), however the South Carolina Department of Natural Resources submitted a letter in November 2016 requesting the inclusion of beneficial use alternatives that could be constructed concurrently with Post 45. The Charleston District received approval from SAD of the Feasibility Report in May 2018 and the Project Partnership Agreement for the design and construction was executed in July 2018. The District, SCDNR, Town of Mt. Pleasant, and other stakeholders have worked collaboratively to make revisions to the design that maintain the bird nesting habitat quality and quantity, do not increase costs, and address concerns of some stakeholders. Sufficient Federal and non-Federal funds are available, material will be placed on Crab Bank during construction of the Post 45 Lower Harbor to Wando Welch Terminal (WWT) Construction Contract.

FY20 Capability: FY 19 Funding:\$22,500

Sponsor: South Carolina Department of Natural Resources

Project Manager (PM): Jeff Livasy **PM Phone:** (843) 329-8062 **PM Email:** Jeff.J.Livasy@usace.army.mil



**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

PAS - Turkey Creek, Hanahan

Charleston County, SC

P2#: 473242

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:

Investigations

Phase:

NA

Business Line:

Authority:

Section 22, P.L. 93-251

**Location
Description:**

The Turkey Creek watershed is located in the southern coastal plains region of South Carolina within the cities of Hanahan and North Charleston and overlaps in Berkeley and Charleston counties. The Turkey Creek watershed discharges downstream of the Goose Creek Reservoir into Goose Creek, which in turn is tributary to the Cooper River. Turkey Creek has a drainage area of about 4 square miles and consists of combination of channelized, relocated and meandering tidal creeks. The watershed is located in a moderately urbanized area consisting primarily of single family residential dwellings in the lower reaches and mobile homes and commercial establishments in the upper portion of the watershed. Flooding has impacted roughly 50 homes with damages to both structure and contents over the last 3-5 years.

**Project
Description:**

The study will investigate both structural and/or non-structural solutions to reduce flooding impacts and to be implemented by the NFS.

**Current
Status:**

A PAS agreement was executed 20 Apr 2018. As of 15 April 2019, the non-federal sponsor (NFS) has asked for an increase in scope, to include more detailed hydrologic information. The scope and cost was shared with the NFS who has approved the increase, but has yet to fund it.

**FY20
Capability:**

\$75,000

Sponsor:

Project Manager (PM):

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

PAS - Water Use and Demand Study

South Carolina

P2#: 457159

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:

Investigations

Phase:

NA

Business Line:

NA

Authority:

Section 22, P.L. 93-251

Location

Water Basins in the State of South Carolina.

Description:

Project

Description:

Water use and demand forecasts for the next 50 years will be an integral part of formulating comprehensive water policy and updating the State Water Plan. An agreement dated May 25, 2016 established a partnership between the Corps, USGS, and SC DNR for a comprehensive water use and demand study for the Savannah River water basin. The follow-on study, agreement dated May 23, 2018, entails developing an overall scope, focusing on stakeholder input, to complete an update to the State Water Plan and will also continue the partnership with USGS to develop groundwater modeling for the State.

Current

Status:

As of 5 April 2019 - The first study commenced in June 2016 and was delivered to the non-Federal sponsor in November 2017. The District commenced a second study in May 2018. Lead by the non-Federal sponsor, a series of stakeholder coordination meetings were completed from August to November 2018 and work is on-going to develop a draft methodology document to support the State water planning efforts. USGS is also working on finalizing State groundwater modeling through this study effort.

FY20

Capability:

Sponsor:

SCDNR

Project Manager (PM):

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

FUDS - Donaldson AFB, SC

Greenville County, SC

P2#: 147998

Congressional Districts: William Timmons (SC-4)

Appropriation:	Phase:	Business Line:
Formerly Used Defense Sites	Various	NA

Authority: Sec 211, Superfund Amendments and Reauthorization Act of 1986

Location Description: The Former Donaldson Air Force Base is located in Greenville, South Carolina at the current Donaldson Industrial Center. The site was used as an operational air base from 1942 until January 24, 1964. After WWII, the base was closed and later reopened as the Global Headquarters of the Military Air Transport Command (MATC) and renamed Donaldson Air Force Base in 1951. The property was transferred to the City and County of Greenville, South Carolina in 1964. It is currently owned 50/50 by the city and county, with some private industrial ownership of the peripheral areas.

Project Description: The property contains many Areas of Concern, sites and sub-sites that are actively being addressed, including landfills, aircraft wash sites, underground storage tanks and fuel fields.

Current Status: As of 15 Apr 2019 - A Remedial Action (RA) contract was awarded in September 2014 and consists of adding soil to the landfill cover and groundwater monitoring. The RA was initiated in February 2016 with the abandonment and sampling of several monitoring wells. Field work associated with the landfill cover has been delayed due to demands by Greenville County for USACE to acquire a permit and pay permit fees in order to install the soil cover. As CERCLA exempts the lead agency from acquiring permits, SAS OC has directed the PDT to hold on moving forward until this issue can be resolved. SCDEHC has been communicating with Greenville County with the hope this can be resolved. An additional project (06) deals with a former disposal area where metals and hydrocarbons have been detected. CESAS has prepared a Draft Remedial Investigation (RI) report, which is anticipated to be submitted for SCDHEC review in Spring 2019. Other tentative FY19 activities for this project include a Feasibility Study that would be prepared to evaluate remedial alternatives, a public meeting to present the proposed plan (PP), which identifies the recommended remedial alternative, preparation of the decision document to authorize the selection of the remedial action, and coordination to gain approval of the decision document. A contract will be awarded in FY19 to conduct a corrective action for a group of five underground storage tanks (USTs). Long-term monitoring (LTM) is currently being conducted for several other UST sites. FUDS Program Management for this region (GA,SC and NC) is supported through Savannah District. Support to specific FUDS projects in SC is currently supported through Wilmington District.

FY20 Capability: FY19 Budget: Project 03 (HTRW): \$36.8K in-house funding; \$0 contract funding. Project 06 (HTRW): \$70.7K in-house funding; \$0 contract funding. Project 07 (HTRW): \$40K in-house funding; \$0 contract funding. Project 08 (HTRW): \$35.4K in-house funding; \$311.9 contract funding. FY20 funding anticipated: \$536k i-house funding, \$4.9M contract funding.

Sponsor: NA

Project Manager (PM):	PM Phone:	PM Email:
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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

FUDS - Conway Bombing and Gunnery Range, SC

Horry County, SC

P2#: 148049

Congressional Districts: Tom Rice (SC-7)

Appropriation:

Formerly Used Defense Sites

Phase:

Investigation/Feasib NA

Business Line:

NA

Authority: Sec 211, Superfund Amendments and Reauthorization Act of 1986

Location Description: The former Conway Bombing & Gunnery Range (BGR) is located near the City of Conway, SC in Horry County. This 55,854 acre site was used by the Army Air Corps and Air Force for air-to-ground gunnery and bombing training during World War II. Conway BGR contained Ranges II, III, VI, VII, X, a moving target range, a turret range, a machine gun range and a rifle range.

Project Description: The former Conway BGR was utilized for training beginning in 1942. Conway BGR was declared surplus by February 1948. Exiting leases for approximately 36,600 acres were terminated and the remaining 19,200 acres were sold. Several of these target ranges are identified to either contain ordnance related items or to have a high likelihood of ordnance related items. This area is rapidly developing and many developers and landowners have initiated and/or completed clean-up actions on their own initiative.

Current Status: As of 15 Apr 2019 - Remedial Investigation (RI) field work began in August 2015 and was completed in May 2016. The RI report was finalized in May 2018. The Feasibility Study (FS) is tentatively scheduled to be completed in Summer 2019. A public meeting is tentatively scheduled in Summer 2019 to present the recommended remedial alternative. It is anticipated that the Decision Documents will be submitted in FY19 for approval in Spring 2020 to authorize the recommended remedial alternative. The Remedial Action (RA), which includes Land Use Controls (LUCs) consisting of an educational awareness program (installation of UXO information signs and an information kiosk), was implemented in March 2018 for Range VII. FUDS Program Management for this region (GA, SC and NC) is supported through Savannah District. Support to specific FUDS projects in SC is currently supported through Wilmington District.

FY20 Capability: FY19 Budget: Project 01, 05, and 07 (MMRP): \$107.5k in-house funding, \$0 contract funding. Project 03 (MMRP): \$57.5K in-house funding; \$0 contract funding. Project 04 (MMRP): \$29.2K in-house funding; \$0 contract funding. FY20 funding anticipated: \$100k in-house, \$) contract funding.

Sponsor: NA

Project Manager (PM):

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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

FUDS - Camp Croft, SC

Spartanburg County, SC

P2#: 157097

Congressional Districts: William Timmons (SC-4)

Appropriation:	Phase:	Business Line:
Formerly Used Defense Sites	Investigation	NA

Authority: Sec 211, Superfund Amendments and Reauthorization Act of 1986

Location Description: The Former Camp Croft army training facility consisted of approximately 19,000 acres and is located approximately 5 miles southeast of Spartanburg, SC.

Project Description: This project consists of a formerly-used World War II Army Infantry Replacement Training Center, which consisted of two general areas: a series of firing ranges and a troop housing area with attached administrative headquarters. The current land usage is 7,088 acres for Camp Croft State Park, 4,936 acres for farming, 256 acres for private industry and 6,764 acres for residential development. Thirty-four (34) live ordnance items and 722 pounds of ordnance scrap were removed in the Ordnance Operable Unit 3 (OOU3) area.

Since 1995, more than \$15 million has been appropriated for the evaluation and restoration of the former Camp Croft site. A Restoration Advisory Board (RAB) was established in 1995 and currently meets quarterly. An Engineering Evaluation/Cost Analysis (EE/CA) was completed in January 1996, identifying 9 OOU's, and a second EE/CA was completed in January 1998 which identified 19 additional sectors.

Current Status: As of 15 Apr 2019 - The remedial investigation (RI) field work was completed in March 2015. The Remedial Investigation (RI) report was finalized in October 2014. The Feasibility Study (FS) was finalized in October 2015. The proposed plan was presented at a public meeting in March 2016. The proposed plan presents the recommended remedial alternative for public review, which was completed in May 2016. Decision documents have been prepared to gain authorization to implement the remedial action at 8 different munitions response sites (MRS). The decision documents have been reviewed by the South Carolina Department of Health and Environmental Control (SCDHEC) and will be reviewed by various entities within the Department of Defense (DoD). The Decision Documents for Projects 03 and 05 have been approved. The remaining Decision Documents are anticipated to be approved by the end of FY19. Contract award to implement the remedy for Project 05 (Public Education) is anticipated to be completed by the end of the 3rd Qtr FY19, with options to implement the remedies for the remaining projects. FUDS Program Management for this region (GA, SC and NC) is supported through Savannah District. Support to specific FUDS projects in SC is currently supported through Wilmington District.

FY20 Capability: FY19 Budget: Project 03 (MMRP): \$135.7K in-house funding; \$0 contract funding. FY20 funding anticipated: \$1.8M in-house funding; \$8.5M contract funding.

Sponsor: NA

Project Manager (PM):	PM Phone:	PM Email:
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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

FUDS - Stark General Hospital

Charleston, SC

P2#: 405349

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:	Phase:	Business Line:
FUDS	NA	NA

Authority:

Location Description: The former Stark Army Hospital was located in North Charleston, South Carolina, approximately 6.25 miles northwest of Charleston, SC.

Project Description: This Stark Army Hospital was an active hospital and rehabilitation center during World War II. The installation was operational from 1941 until 1945. In October 1945, the installation was turned over to the Charleston County Board of Control for local use. The area adjacent to buildings T-615N and T-615S is now utilized by commercial and industrial development. The site is located on the north shore of the Ashley River. In 1995, two heating oil underground storage tanks (USTs) 615N and 615S were removed from the site. An investigation found no petroleum hydrocarbons in the groundwater exceeding regulatory levels. However, the presence of chlorinated volatile organic compounds (trichloroethylene - TCE) was identified above screening levels.

Current Status: As of 15 Apr 2019 - The Remedial Investigation (RI) field work was completed in March 2015. The RI report is being revised to address comments from SCDHEC. Additional field work is scheduled to be conducted in FY19 to address SCDHEC concerns. The RI/FS report is anticipated to be completed in FY19. The Proposed Plan (PP) and the Decision Documentare anticipated to be completed/approved in FY20. FUDS Program Management for this region (GA, SC and NC) is supported through Savannah District. Support to specific FUDS projects in SC is currently supported through Wilmington District.

FY20 Capability: Stark Hospital: FY19 Budget: Project 02 (HTRW): \$80.9K in-house funding; \$0 contract funding. FY20 funding anticipated: \$100k in-house funding; \$0 contract funding.

Sponsor: NA

Project Manager (PM):	PM Phone:	PM Email:
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**US Army Corps
of Engineers**
Charleston District

Project Fact Sheet

Sawmill Branch Section 408 Report

Dorchester, Berkeley and Charleston Counties, SC

P2#: 111485-1

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:
SFO

Phase:

Business Line:
NA

Authority:

Location Description: Located in Dorchester, Berkeley and Charleston Counties in the vicinity of Summerville, SC.

Project Description: A Section 205 Flood Control Project was completed in April 1971. It provided for excavating a channel of varying sizes ranging from a maximum of 35 feet to 15 feet up Sawmill Branch from a point above its confluence with the Ashley River about 1,400 feet below the SC Route 642 crossing. The project extends through Summerville, SC to a point 9.0 miles from its beginning. The SCDOT applied for a Section 404 permit to construct the Berlin G. Myers Parkway Phase III project parallel to portions of the Sawmill Branch Flood Control project. The current proposal would physically impact the Federal project and the District is assessing the hydrologic and hydraulic numerical models to determine whether the proposed roadway and channel modifications would impair the usefulness of the Federal project. that may impact our project both functionally and physically. Since the proposed Parkway may impact the Federal Flood Control Project, a Section 408 report must be completed to determine if the impacts are significant and if the Corps will allow the project to be impacted. A Section 404 permit cannot be granted until the Section 408 report is approved.

Current Status: As of 15 April 2019 - Actively engaged with SCDOT in order to process both the Section 404 permit and the Section 408 report. The District is currently reviewing SCDOT's draft 408 submittal.

FY20 Capability: President's Budget Amt: NA

The SCDOT provided \$250,000 in funding in FY10 which is still being utilized to continue this effort.

Sponsor: SC Department of Transportation

Project Manager (PM):
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US Army Corps
of Engineers

Charleston District

Project Fact Sheet

PAS - Planning Assistance To States Coordination

P2#: 114010

Congressional Districts:	Joe Cunningham (SC-1)	Joe Wilson (SC-2)	Jeff Duncan (SC-3)
	William Timmons (SC-4)	Ralph Norman (SC-5)	James Clyburn (SC-6)

Appropriation:	Phase:	Business Line:
Investigations	Coordination	Watershed Planning

Authority: Section 22, P.L. 93-251

Location NA
Description:

Project Description: This program permits us to use our technical planning expertise to supplement and support state and Indian tribe efforts to undertake broad, statewide, comprehensive water resources planning. PAS studies are cost shared 50% Federal and 50% local. The non-Federal share may be provided as cash or a mix of cash and in-kind services or 100% work in-kind. Typical problems and opportunities studies under this program are related to flood damage reduction, water supply, water conservation, water quality, hydropower, erosion, navigation, and related environmental resources.

Current Status: As of 15 April 2019 - Coordination efforts are ongoing to manage the program.

FY20 Capability: This program is not listed by individual state or project in the President's budget only by total program needs. We continue to need a minimum of \$20,000 annually for coordination efforts in order to properly manage the program. Our needs for identified studies are listed under individual write-ups.

Sponsor: NA

Project Manager (PM):	PM Phone:	PM Email:
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**US Army Corps
of Engineers**

Charleston District

Project Fact Sheet

FPMS - Flood Plain Management Program

P2#: 114026

Congressional Districts:	Joe Cunningham (SC-1)	Joe Wilson (SC-2)	Jeff Duncan (SC-3)
	William Timmons (SC-4)	Ralph Norman (SC-5)	James Clyburn (SC-6)

Appropriation:	Phase:	Business Line:
Investigations	NA	NA

Authority: Section 206, P.L. 86-645

**Location
Description:** NA

**Project
Description:** This program permits us to use our technical expertise in flood plain management to help others outside the Corps. Upon request, we will furnish states, counties, cities, Indian tribes, and certain Federal agencies with flood hazard information, technical services, and planning guidance without charge. The Program also conducts special studies to improve methods and procedures for flood damage prevention and abatement, and provides guides and pamphlets on topics such as flood proofing, flood plain regulations and other flood plain management topics. Assistance includes flood hazard evaluations, discharge, flood information.

**Current
Status:** This program is not listed by individual state or project in the President's budget only by total program needs. Funds will be utilized to provide a broad range of information, technical assistance and planning guidance related to floodplain management for federal, state, local, private, non-profit interests. Information includes guides, pamphlets and supporting studies, Assistance includes flood hazard evaluations, discharge, flood information. FPMS funds are used to coordinate with customers for other studies, such as special studies or Hurricane Evacuation Studies.

**FY20
Capability:** We continue to need \$150,000 to \$250,000 annually to respond to requests for flood plain information, perform special studies and coordination with customers.

Sponsor: NA

Project Manager (PM):	PM Phone:	PM Email:
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**US Army Corps
of Engineers**

Charleston District

Project Fact Sheet

CAP - Continuing Authorities Program

P2#: CAP-0001

Congressional Districts: Joe Cunningham (SC-1) Joe Wilson (SC-2) Jeff Duncan (SC-3)
 William Timmons (SC-4) Ralph Norman (SC-5) James Clyburn (SC-6)

Appropriation: Construction - Continuing Authority **Phase:** NA **Business Line:** NA

Authority: Each section has its own authority.

Location: NA

Description:

Project Description: The Continuing Authorities Program (CAP) is a group of 10 legislative authorities under which the Secretary of the Army, acting through the Chief of Engineers, is authorized to plan, design and construct certain types of water resources and environmental improvements without specific Congressional Authorization.

The purpose of the CAP is to plan and implement projects of limited size, cost, scope, and complexity. Although there is no specific minimum project size or cost, very small projects are not pursued under CAP as they should be implemented by other Federal or non-Federal entities, and large or complex problems are pursued under the specifically authorized programs. This program is cost shared between the Federal Government and the non-federal sponsor.

Current Status: As of 15 April 2019 - The Charleston District continues to meet with potential sponsors to determine federal interest for a variety of potential CAP projects. Letters of interest have been received from Lexington County, SC; Orangeburg County, SC; and Dorchester County, SC.

FY20 Capability: In the event we need funds for specific projects they will compete according to established Corpswide ranking criteria.

Sponsor: NA

Project Manager (PM): Mary Creese **PM Phone:** (843) 329-8031 **PM Email:** Mary.Creese@usace.army.mil