



US Army Corps
of Engineers
Charleston District

Project Fact Sheet

Charleston Peninsula Study

Charleston County

P2#: 474899

Congressional Districts: Nancy Mace (SC-01) James Clyburn (SC-6)

Appropriation: Investigations

Phase: Feasibility

Business Line: Flood Risk Management

Authority: PL 115-123

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

Project The Charleston Peninsula Coastal Storm Risk Management (CSRM) 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 period of analysis.

Status As of 19 April 2022 - The State/Agency review is scheduled to be completed in early May and pending any significant comments, the District is coordinating with Corps HQ for a signed Chiefs Report in May 2022 to position the project for future WRDA authorization timeline.. The recommended plan has a total project cost of 1.132B and benefit cost ratio of 10.8. Funding is required to enter into a design agreement with the City of Charleston and begin preconstruction, engineering and design.

Sponsor: City of Charleston

Project Manager

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US Army Corps
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Charleston District

Project Fact Sheet

Waccamaw River, SC

Horry County, SC

P2#: 493919

Congressional Districts: Tom Rice (SC-07)

Appropriation: Investigations
Phase: Feasibility Study
Business Line: Flood Storm Damage Reduction

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

Location The study area is the watershed of the Waccamaw River, in the northeast corner of South Carolina and the southeast corner of North Carolina. The Waccamaw River begins in Columbus County, NC, and flows 140 miles southwest approximately paralleling the coast of the Atlantic Ocean until joined by the AIWW and the Great Pee Dee River before reaching the tidal waters of Winyah Bay in Georgetown County, SC.

Description The watershed supports one of the largest contiguous wildlife habitat areas in the southern coastal plain and includes the Waccamaw National Wildlife Refuge. Other portions of the watershed are developed. Horry County and all eight of its municipalities have experienced several flood events since 2015, including those from Hurricanes Joaquin (2015), Matthew (2016), and Florence (2018). The tidal effects, relatively flat topography, and low elevation result in slow draining when flood events occur. This Flood Risk Management feasibility study will evaluate the cost and benefits of alternatives to reduce risks of riverine flooding to communities and transportation routes within Horry County, consistent with the protection of the wildlife habitat areas. A 1981 Corps reconnaissance report did not identify a solution that was in the Federal interest. Since then, the population of the area has grown and knowledge of climate-related effects has increased (primarily sea level rise, and the potential for increased storm frequency and/or intensity). The current study will consider a range of options including structural, nature-based, and non-structural management measures. This \$3,000,000 study will be cost shared 50/50 with Horry County, the Non-Federal Sponsor, and will take three calendar years to complete.

Status As of 10 April 2022, the FY22 appropriations bill allocated \$500,000 to initiate the study, which will commence with the signing of a Feasibility Cost Share Agreement with the Sponsor in July 2022 when their funding becomes available. The recent release of the FY23 President's Budget indicates an additional \$300,000 in federal funds to continue study efforts. In out years, remaining required funds will be requested to bring the study to completion.

Sponsor: Horry County, SC

Project Manager

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Charleston District

Project Fact Sheet

Charleston Harbor, SC - Post 45

Charleston County, SC

P2#: 137921

Congressional Districts: Nancy Mace (SC-01)

Appropriation: Construction

Phase: Construction

Business Line: Navigation

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

Location Charleston Harbor is located about midway along South Carolina's Atlantic coastline and supports a vital mission in the defense of our nation as one of the nation's 17 strategic ports for national defense. Latest commercial tonnage as reported by the Waterborne Commerce Statistics Center for Fiscal Year 2018 was 1.8 million Twenty-foot Equivalent container Units (TEUs) of cargo, which ranks it eighth in the nation for container traffic. The major commodity imported and exported is manufactured equipment and machinery. BMW, Mercedes-Benz, Volvo, International Paper, Sonoco, Purdue, Fujifilm, Husqvarna, Honda, Samsung, Bosch, Dollar Tree, GE, Michelin, Continental Tire, Bridgestone, Giti Tire are among the best-known businesses calling on South Carolina Ports, including those along Charleston Harbor. Per U.S. Census Bureau, the 2018 value of waterborne commerce through Charleston was \$72.7 billion. Port operations facilitate 225,000 jobs across South Carolina and \$63.4 billion in economic activity each year.

Description The non-federal sponsor, the South Carolina Ports Authority (SCPA), 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: (1) Deepens 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 MLLW; (2) Deepens 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) Enlarges the existing turning basins at the Wando Welch, Hugh K. Leatherman, Sr. and North Charleston terminals; and (4) Widens selected channel reaches.

Status As of 31 March 2022 - 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. In FY20 the District received \$138,040,000 in funding in the FY20 Appropriations Bill, fully funding the project to completion. The Project Partnership Agreement (PPA), which includes provisions for the SCPA 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. An amendment to the PPA was signed on 19 Feb 2020 stating that funds received in the FY20 Appropriations Bill will be used to fully fund the project to completion.

The first two construction contracts for deepening the Entrance Channel were awarded on 7 September and 26 October 2017, and have a total current obligated value of \$320,173,212. Physical dredging construction started in March 2018, and is currently complete for both of these contracts; contract close-outs are underway. The construction contract for deepening the Charleston Lower Harbor to Wando Welch Terminal was awarded on 19 Aug 2019, and has a current obligated value of \$112,930,321. Physical dredging for this construction contract started in October 2019, and is currently ahead of schedule with anticipated completion in April 2022. The construction contract for deepening the Charleston Lower Harbor to Hugh Leatherman Terminal was awarded on 10 Sep 2020, and has a current obligated value of \$40,801,373. Physical dredging for this construction contract started in September 2020, and was completed ahead of schedule in December 2021. Contract close-out is underway. The construction contract for deepening the Charleston Upper Harbor to North Charleston Terminal was awarded on 17 Sep 2020, and has a current obligated value of \$25,136,845. Physical dredging for this construction contract began in April 2021 and is ongoing. Completion of all Post 45 dredging is expected in November 2022 (on schedule). Five years of post-construction environmental monitoring will follow.

Sponsor: South Carolina Ports Authority

Project Manager

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US Army Corps
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Charleston District

Project Fact Sheet

Charleston Harbor Sec 204 CAP

Charleston, SC

P2#: 450947

Congressional Districts: Nancy Mace (SC-01)

Appropriation: Construction - Continuing Authority

Phase: N/A

Business Line: N/A

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

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

Description The goal of the project is to place approximately 660,000 cubic yards of sandy material, dredged from the Lower Harbor as part of the Post 45 deepening on the remnants of Crab Bank in order to create approximately 32 acres of Brown Pelican nesting habitat. The actual cost of the work has decreased from the estimated \$3.98 million to approximately \$377,000.

Status As of 11 Apr 2022 – Work completed in Nov 2021 and a "Welcome Back the Birds" press event celebration was held 5 April 2022. Project will be closed out upon the completion of Contract 3 of the Charleston Harbor, SC - Post 45 Project.

Sponsor South Carolina Department of Natural Resources

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US Army Corps
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Charleston District

Project Fact Sheet

Edisto Beach, SC

Colleton County, SC

P2#: 113475

Congressional Districts: Nancy Mace (SC-01)

Appropriation: Construction

Phase: Validation; Design

Business Line: Storm Damage Reduction

Authority: P.L. 114-322 Section 1401

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

Project 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.

Status As of April 2022 - The Bipartisan Budget Act of 2018 provided funding for the initial construction of the federal project. The project delivery team is conducting a cost update of a validation study that assesses the removal of two inlet reaches, as well as effects of a sponsor-funded project that occurred in 2017. The sponsor is working to secure their cost-share for initial construction from the state and if provided, a PPA for construction can be signed and PED activities will resume.

Sponsor Town of Edisto Beach

Project Manager

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US Army Corps
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Charleston District

Project Fact Sheet

Folly Beach, SC

Charleston County, SC

P2#: 113064

Congressional Districts: Nancy Mace (SC-01)

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 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 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 third periodic nourishment commenced in February 2018 and was completed in March 2019 placing 1.4M CY of material at a cost of approximately \$18.0M.

Status As of 19 April 2022 - 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 was completed with a signed Chiefs Report in October 2021 (3 years). The project will need to be authorized and appropriated before the District can award the first construction contract associated with the new Chiefs Report. Investigation funding has been requested to begin preconstruction, engineering and design.

Sponsor City of Folly Beach, SC

Project Manager

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**US Army Corps
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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 The project is along the coast of Horry County, South Carolina, and a small portion of adjacent Georgetown County, South Carolina.

Project 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. Due to coastal storms, the second periodic nourishment was predominately funded from Flood Control & Coastal Emergencies (FCCE) supplemental funding which did not require a cost share by local sponsors. This work was accomplished from June 2017 to July 2019 and placed 3.6 million cubic yards of material at a cost of \$77M.

Status As of 19 April 2022 - The District continues to monitor annual beach survey and reports provided by the local sponsors for future renourishment requirements. At this time, no renourishment funding is required.

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

Project Manager

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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: Construction

Phase: Construction

Business Line: Storm Damage Reduction

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

Location 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 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 at the time of plan approval was 666,400 cubic yards. The Federal project also includes installation of sand fencing and dune vegetation. The Chief's Report was approved on December 19, 2006. The Town of Pawleys Island is the Non-federal Sponsor.

Status As of April 2022 - 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 Bipartisan Budget Act (BBA) 2018 Appropriations Bill, in order to construct the Federal project. Following several delays since project authorization, the Town of Pawleys Island decided to sign a Memorandum of Understanding with the District on 13 August 2019 to construct a portion of the Federal project themselves. A full Project Partnership Agreement was executed 16 January 2020. A construction contract for the sand fencing and dune vegetation was awarded 30 September 2021 and construction started in March 2022. Additional requirements to complete initial construction of the Federal project are underway.

Sponsor: Town of Pawleys Island

Project Manager

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Charleston District

Project Fact Sheet

Lakes Marion and Moultrie, SC

Dorchester County, SC

P2#: 113262

Congressional Districts: James Clyburn (SC-6)

Appropriation: Construction

Phase: Construction

Business Line: Environmental Infrastructure (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, and Section 352(b)(10) of P.L. 116-260.

Location 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 four counties and seven municipalities located in central South Carolina.

Project 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. WRDA 2018 [Sec.1303(b)(2)] specifically modified the Federal appropriations limit to \$89,550,000. WRDA 2020 [Section 352(b)(10)] specifically modified the Federal appropriations limit to \$110,000,000.

Status As of April 2022- Approximately 51 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 construction of Dorchester County Reach transmission line was completed in April 2020. Winding Woods Tank and Reach are under construction. Currently, finalizing Providence Reach design for a FY22 construction award. The PDT is also working to complete design and award the Orangeburg Berkeley Reaches and Calhoun Reaches in FY23, pending availability of funds.

Sponsor: Lake Marion Regional Water Agency

Project Manager

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US Army Corps
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Charleston District

Project Fact Sheet

Atlantic Intracoastal Waterway, SC

Entire East Coast of SC

P2#: 476894

Congressional Districts: Nancy Mace (SC-01) Tom Rice (SC-7)

Appropriation: Operation and Maintenance

Business Line: Navigation

Phase: NA

Authority Multiple River and Harbor Acts beginning in 1890. Latest RHA of 1945 (P.L. 14)

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

Description The AIWW was constructed in the early 1940's and South Carolina's portion runs 210 miles and has an authorized depth of 12 feet. Charleston District maintains approximately 90 small to medium- sized disposal areas along the AIWW. 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.

Status As of 22 April 2022 - The District received \$12.6M from the Infrastructure Investment and Jobs Act and \$4.3M in FY22 appropriations. Funding received will be used to award a dike raising contract on the AIWW between Charleston and Georgetown and a dredging contract on the AIWW between Charleston and Port Royal. If additional funding is provided in the FY22 Work Plan, it will be used for additional placement area maintenance work to increase capacity for future AIWW dredging work.

Sponsor: N/A

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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: Nancy Mace (SC-01)

Appropriation: Operation & Maintenance

Phase: N/A

Business Line: Navigation

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

Location 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.

Description This project consists of maintaining 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.

Status As of 19 April 2022 - The District continues to identify operation and maintenance dredging requirements in conjunction with the on-going deepening project. The District has placed a capacity restriction for private users of Clouter Creek and other placement areas due to the Post 45 deepening and will re-evaluate capacity in all placement areas upon completion of the deepening. Clouter Creek will also undergo a real estate appraisal that will evaluate the current \$2 per cubic yardage fee paid by private users. Dredging was completed for the Entrance Channel operation and maintenance material in March 2022. In FY22, the District will also work on contracts for operation and maintenance dredging of Charleston Lower Harbor and dike raising in Clouter Creek.

Sponsor South Carolina Ports Authority

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US Army Corps
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Charleston District

Project Fact Sheet

Cooper River, Charleston Harbor, SC

Berkeley and Charleston Counties, SC

P2#: 476967

Congressional Districts: Nancy Mace (SC-01) James Clyburn (SC-6)

Appropriation: Operation & Maintenance

Phase: N/A

Business Line: 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 The project is in Charleston and Berkeley Counties. All operations and maintenance are in Berkeley County (St. Stephen, SC) about 45 miles north of Charleston, SC.

Project 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 (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 opening in 1987, the fishlift 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 to reduce siltation in the Charleston Harbor. Prior to this rediversion, operation and maintenance costs to dredge Charleston Harbor were threatening the continued viability of the port. The Project has reduced sedimentation in Charleston Harbor from 10 million cubic yards to 2 million cubic yards annually, resulting in a \$36 million annual reduction of dredging costs.

Status As of 26 April 2022- Funds are being used to operate the power plant, perform power plant maintenance and perform maintenance of non-recreational buildings, grounds, utilities and the fishlift. Routine Operation and Maintenance: \$4.175M in FY22 appropriations 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. FY22 Work Plan funding, if received, would be used to perform needed, non-routine maintenance. 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.

Sponsor: NA

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US Army Corps
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Charleston District

Project Fact Sheet

Folly River, SC

Charleston County, SC

P2#: 111483

Congressional Districts: Nancy Mace (SC-01)

Appropriation: Operation & Maintenance

Phase: N/A

Business Line: Navigation

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

Location 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.

Description This project is 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.

Status As of 19 April 2022 - \$1,655,000 is identified in the FY23 President's Budget. The funding will be used to dredge Folly River federal navigation channel and place the material nearshore of the Folly Beach Coastal Storm Risk Management project. Nearshore placement of the federal navigation material will provide minor relief of erosion between future beach renourishments.

Sponsor: City of Folly Beach

Project Manager

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**US Army Corps
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Charleston District

Project Fact Sheet

Georgetown Harbor, SC

Georgetown County, SC

P2#: 111484

Congressional Districts: Tom Rice (SC-7)

Appropriation: Operation & Maintenance

Phase: N/A

Business Line: Navigation

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

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

Project 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.

Status As of 11 April 2022 - 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 provide support if requested. \$25k was identified in the FY23 President's Budget and will be used to coordinate with the SC Ports Authority and Georgetown County on the future of the project.

Sponsor: South Carolina Ports Authority

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US Army Corps
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Charleston District

Project Fact Sheet

Murrells Inlet, SC

Georgetown County, SC

P2#: 111488

Congressional Districts: Tom Rice (SC-7)

Appropriation: Operation & Maintenance

Phase: N/A

Business Line: Navigation

Authority: P.L. 89-298

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

Project The project maintains 0.6 miles of entrance channel, 3 miles of inner channel, one turning basin, one deposition basin, and two stone jetties. In 2017, non-federal funding and a contributed funds agreement were used to place dredged sand from the channel on portions of Garden City beach.

Status As of 22 April 2022 - The District received \$6.1M from the Infrastructure Investment and Jobs Act and \$500k is identified in the FY23 President's Budget. Funding will be used to dredge Murrells Inlet Federal Channel. Sand dredged from the federal channel will be placed both on Garden City Beach and Huntington Beach State Park to protect the Murrells Inlet south jetty structure.

Sponsor: Georgetown County

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US Army Corps
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Charleston District

Project Fact Sheet

Town Creek, SC

Charleston County, SC

P2#: 111495

Congressional Districts: Nancy Mace (SC-01)

Appropriation: Operation & Maintenance

Phase: N/A

Business Line: Navigation

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

Location 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 The project provides an inner channel ten feet deep by 80 feet wide running 6.2 miles from the AIWW to the mouth of Five Fathom Creek, and also includes an entrance channel 12 feet deep by 100 feet wide and 4.0 miles long across the ocean bar. 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 2016.

Status As of 22 April 2022 - The District received \$2M from the Infrastructure Investment and Jobs Act. The funds will be used to dredge the entrance channel.

Sponsor: Town of McClellanville

Project Manager

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US Army Corps
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Charleston District

Project Fact Sheet

Project Condition Surveys, SC

P2#: 476957

Congressional Districts: Nancy Mace (SC-01) Tom Rice (SC-7)

Appropriation: Operation & Maintenance

Phase: N/A

Business Line: Navigation

Authority: Section 7, Rivers and Harbors Act of 1899

Location: Multiple

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

Status: As of April 2022 - Funds are being used to perform surveys on navigation projects which do not receive annual funding for operations and maintenance. Hydrographic maps of these condition surveys are posted as a resource to the public.
(<https://www.sac.usace.army.mil/Missions/Navigation/Hydrographic-Maps/>)

Sponsor: NA

Project Manager

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US Army Corps
of Engineers
Charleston District

Project Fact Sheet

Inspection of Completed Works, SC

P2#: 476739

Congressional Districts:

Nancy Mace (SC-01)

Joe Wilson (SC-2)

Jeff Duncan (SC-3)

William Timmons (SC-4)

Ralph Norman (SC-5)

James Clyburn (SC-6)

Appropriation: Operation & Maintenance

Phase: N/A

Business Line: Flood & Coastal Storm Damage Reduction

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

Location: N/A

Description: Periodic inspections 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, ensures project benefits are retained, and develops strong relationships with sponsors and partners.

Status: As of 22 April 2022- Inspection of projects are ongoing. All projects in the program will be inspected and a report delivered for the FY.

Sponsor: Various

Project Manager (PM):

Christopher Mims

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US Army Corps
of Engineers

Charleston District

Project Fact Sheet

PAS - Planning Assistance To States Coordination

P2#: 114010

Congressional Districts:	Nancy Mace (SC-01)	Joe Wilson (SC-2)
	Jeff Duncan (SC-3)	William Timmons (SC-4)
	Ralph Norman (SC-5)	James Clyburn (SC-6)

Appropriation: Investigations

Phase: Coordination

Business Line: Watershed Planning

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

Location: N/A

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.

Status: Coordination efforts are ongoing to manage the program.

Sponsor: NA

Project Manager

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US Army Corps
of Engineers
Charleston District

Project Fact Sheet

FPMS - Flood Plain Management Program

P2#: 114026

Congressional Districts: Nancy Mace (SC-01) Joe Wilson (SC-2)
Jeff Duncan (SC-3) William Timmons (SC-4)
Ralph Norman (SC-5) James Clyburn (SC-6)

Appropriation: Investigations

Phase: N/A

Business Line: N/A

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

Location N/A

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 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.

Status This program is listed in the President's budget only by total program needs, and is not broken down by state. Funds are 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. FPMS funds are also used to coordinate with customers for other studies, such as Hurricane Evacuation Studies.

Sponsor: NA

Project Manager

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US Army Corps
of Engineers
Charleston District

Project Fact Sheet

CAP - Continuing Authorities Program

P2#: CAP-0001

Congressional Districts:

Nancy Mace (SC-01)

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: N/A

Business Line: N/A

Authority: Each section has its own authority.

Location N/A

Description The Continuing Authorities Program (CAP) is 10 individual sections of public law that Congress has granted continuing authority to the Secretary of the Army through the Chief of Engineers to conduct feasibility investigations and construction of certain water resource or environmental improvement. This has the effect of allowing the Secretary, via the Corp of Engineers, to complete projects of limited scope and cost that conform to the text of the individual authorities without the time delay and political process of awaiting specific congressional approval. 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. CAP projects are cost shared between the Federal Government and a non-federal sponsor.

Status The Charleston District meets with potential sponsors to determine federal interest for a variety of potential CAP projects.

Sponsor N/A

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: Formerly Used Defense Sites

Phase: Investigation

Business Line: N/A

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

Location The Former Camp Croft army training facility containing approximately 19,000 acres about 5 miles southeast of Spartanburg, SC.

Description This project is a formerly-used World War II Army Infantry Replacement Training Center, comprised of a firing range complex 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. A Jan 1996 Engineering Evaluation/Cost Analysis (EE/CA) identified 9 OOU's, and a Jan 1998 EE/CA identified 19 additional sectors.

Status The RI report was finalized in Oct 2014 and the RI field work was completed in March 2015. The Feasibility Study was finalized in Oct 2015. The proposed plan was presented at a public meeting in March 2016. The Decision Documents (DD) for Projects 03 and 05 were approved Jan 2019 and Sep 2018 respectively. The DD for Project 07 was approved Sep 2019. The remaining DD are anticipated to be approved by the end of FY20. A contract was awarded Mar 2020 to implement the remedy for Project 03 and 05 (Public Education). The Project 07 remedy is Surface and Subsurface Munitions Removal and Land Use Controls, and is expected to begin in FY20 with a contract award the same year. FUDS Program Management for GA, SC and NC is supported through Savannah District. Support to specific FUDS projects in SC is currently provided by the Wilmington District. Projects 03 and 05: The RA was completed in FY20. The RA is public education and a FYR will be conducted for this project in FY25. Project 07: The RA is "Surface and Subsurface Munitions Removal and Land Use Controls" and is currently being implemented. The RA is tentatively scheduled to be completed in FY24. The DD for projects 06, 08, 09, 10, 11, and 12 have been approved.

Sponsor: NA

Project Manager

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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/Feasibility

Business Line: N/A

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

Location The 55,486 acre Conway Bombing & Gunnery Range (BGR) is located near the City of Conway, SC in Horry County. 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 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.

Status Remedial Investigation (RI) field work began in August 2015 and was completed in May 2016. The Feasibility Study (FS) is anticipated to be completed in FY20 and the Decision Documents FY21. 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. Projects 01, 03, 05, and 07: USACE is currently revising cost estimates associated with the FS to more accurately reflect the costs associated with the use of advanced geophysical classification (innovative remedial technology). The tentative schedule is to complete the FS in FY21 and the Decision Documents in FY22. Project 04: Remedial action (RA) was completed in FY18 and the project is in long term maintenance (LTM). The RA is public education and a FYR will be conducted for this project in FY23.

Sponsor: NA

Project Manager

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US Army Corps
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Charleston District

Project Fact Sheet

FUDS - Donaldson AFB, SC

Greenville County, SC

P2#: 147998

Congressional Districts: William Timmons (SC-4)

Appropriation: Formerly Used Defense Sites

Phase: Various

Business Line: NA

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

Location The Former Donaldson Air Force Base is in Greenville, South Carolina at the current Donaldson Industrial Center.

Project The site was an operational air base from 1942 until January 24, 1964. The property was transferred to the City and County of Greenville in 1964. It is currently owned 50/50 by the city and county, with some private industrial ownership of the peripheral areas. The property contains many Areas of Concern including landfills, aircraft wash sites, underground storage tanks and fuel fields.

Status 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 was completed in July 2019. An additional project (06) deals with a former disposal area where metals and hydrocarbons have been detected. USACE is currently conducting additional field work to address SC DHEC concerns and anticipates completing the Remedial Investigation (RI) report in FY20. Subsequent phases (Feasibility Study, Proposed Plan, Decision Document) will be conducted upon completion of the RI report. A contract was awarded in FY19 to conduct a corrective action for several underground storage tanks (UST) sites. Long term monitoring (LTM) is currently being conducted for several other UST sites. FUDS Program Management for GA, SC and NC is supported through Savannah District. Support to specific FUDS projects in SC is currently supported through Wilmington District. Project 03: USACE is currently preparing a five-year review report (FYR) for Project 03 (landfill cover completed in July 2019). The FYR is required by CERCLA when hazardous substances are left at a site which preclude unrestricted use of the site and evaluates whether the remedial action implemented is still protective of human health. The FYR is anticipated to be completed in May 2021. Project 06: USACE will submit a revised Draft Final Remedial Investigation (RI) report to SC DHEC on 4 April 2021. The Draft Final Report recommends no further action based on evaluation of the RI data. Project 08: Contractor is planning for field work in the summer 2021 to conduct the corrective action (subsurface injection and soil excavation) to address contamination associated with former underground storage tanks (USTs).

Sponsor: NA

Project Manager

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US Army Corps
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Charleston District

Project Fact Sheet

FUDS - Stark General Hospital

Charleston, SC

P2#: 405349

Congressional Districts: Nancy Mace (SC-01)

Appropriation: FUDS

Phase: N/A

Business Line: N/A

Authority:

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

Project 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.

Status The Remedial Investigation (RI) field work was completed in March 2015. USACE is conducting additional field work for the RI to address comments from SCDHEC on the RI report. USACE anticipates the RI report will be completed in FY20. Subsequent phases (Feasibility Study, Proposed Plan, Decision Document) will be conducted upon completion of the RI report. Project 02: USACE installed additional monitoring wells in January 2021 and conducted groundwater sampling events in January and March 2021. USACE will incorporate this additional data into the RI report and the tentative schedule for RI report submittal is September 2021. Subsequent phases will be conducted upon completion of the RI report.

Sponsor: NA

Project Manager

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