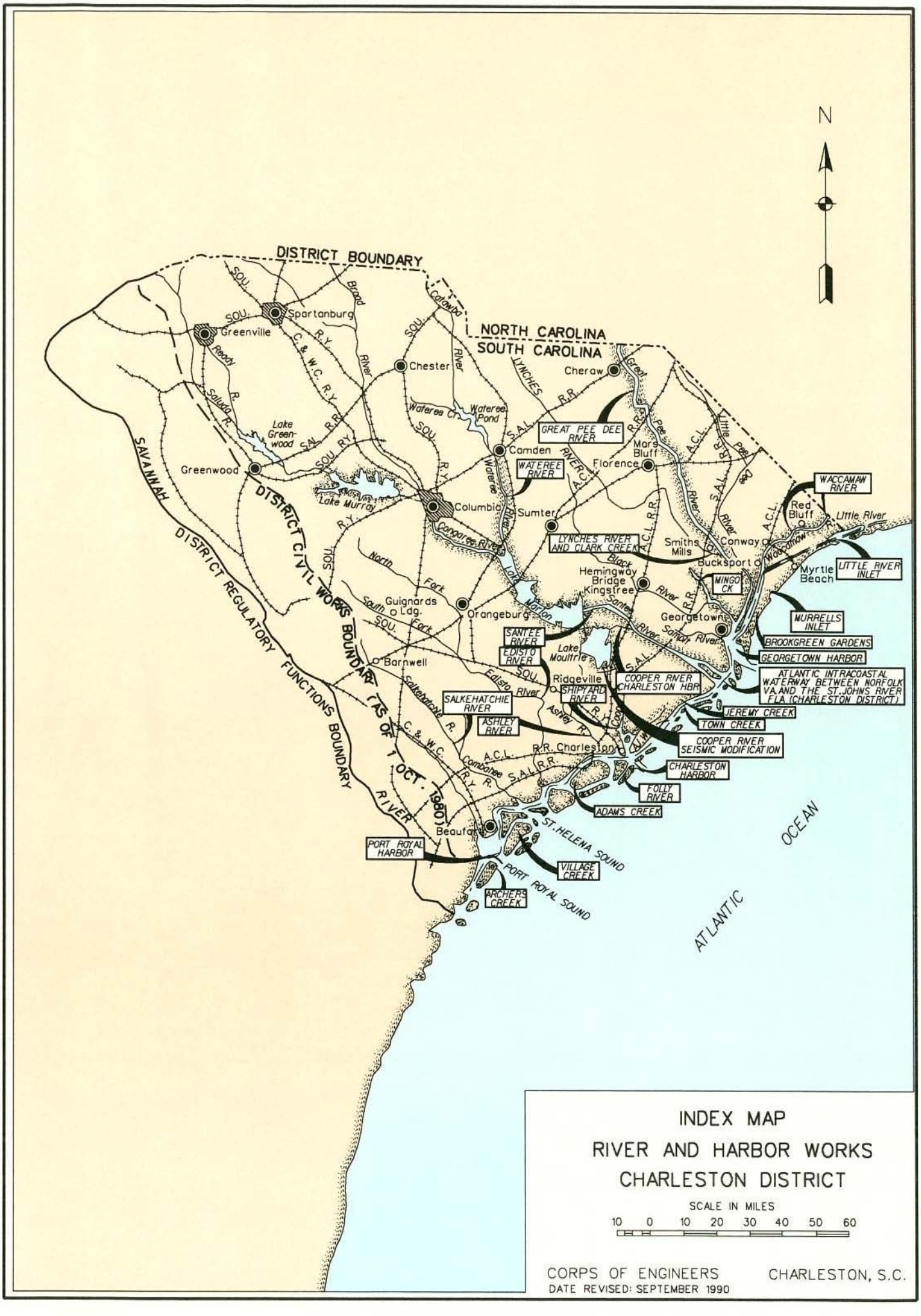
PROJECT MAPS

CHARLESTON DISTRICT

1991

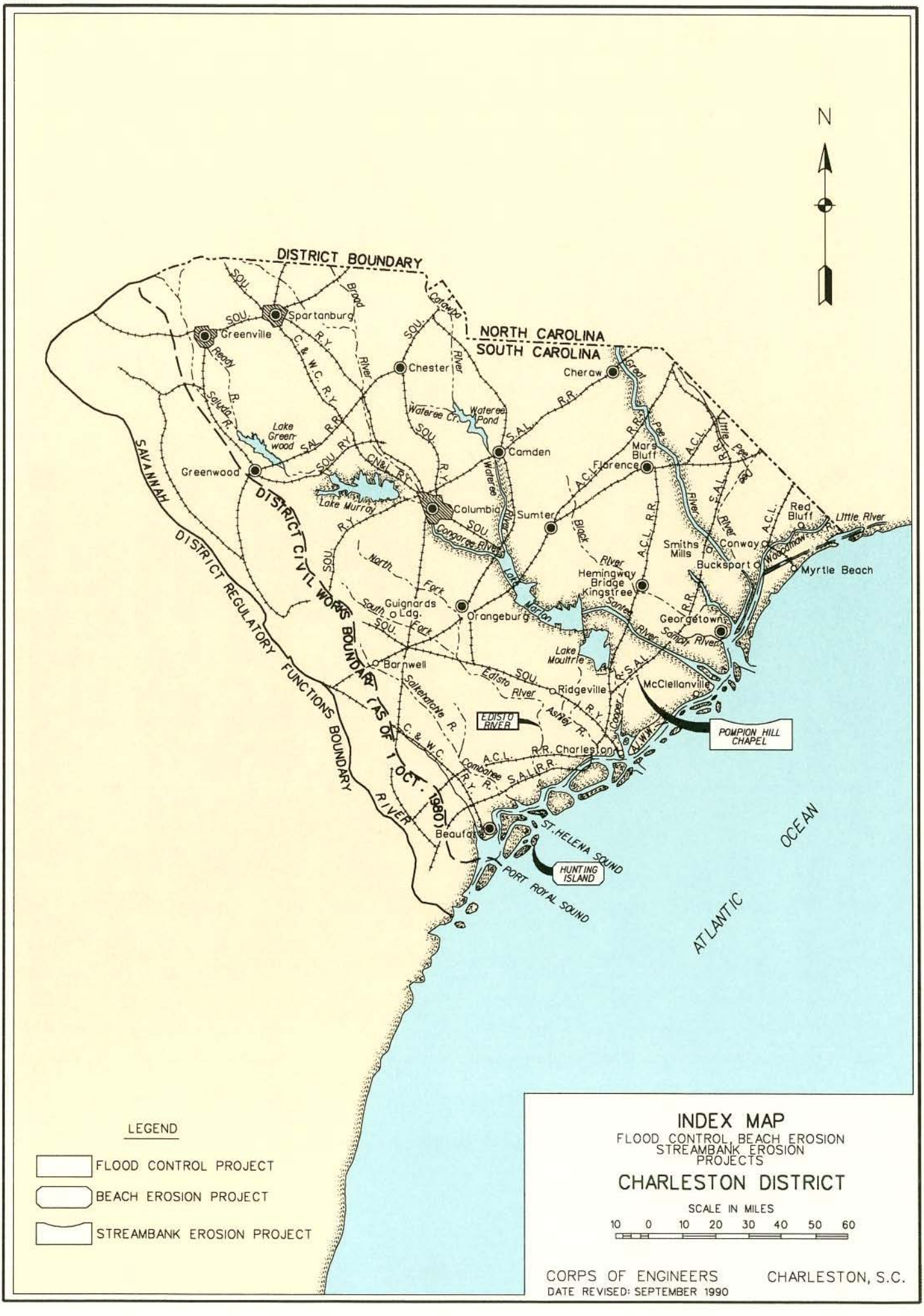
US ARMY ENGINEER DISTRICT, CHARLESTON
US ARMY CORPS OF ENGINEERS


N
DISTRICT BOUNDARY
NORTH CAROLINA
SOUTH CAROLINA
SAVANNAH DISTRICT REGULATORY FUNCTIONS BOUNDARY
DISTRICT CIVIL WORKS BOUNDARY (AS OF 1 OCT. 1980)
Spartanburg
Greenville
Greenwood
Chester
Cheraw
Camden
Columbia
Sumter
Florence
Mars Bluff
Lake Greenwood
Lake Murray
Wateree Pond
Guignards Ldg.
Orangeburg
Barnwell
Ridgeville
Hemingway
Kingstree
Georgetown
Smiths Mills
Conway
Bucksport
Myrtle Beach
Red Bluff
Little River
Beaufort
Broad River
Catawba River
Saluda R.
Reedy River
Wateree Ck.
Congaree River
North Fork Edisto River
South Fork Edisto River
Salkehatchie R.
Combahee R.
Black River
Santee River
Lynches River
Great Pee Dee River
Little Pee Dee River
Waccamaw River
Waccamaw
C. & W.C. R.Y.
S.A.L. R.R.
C.L. R.R.
A.C.L. R.R.
C.L.R.R.
R.R. Charleston
GREAT PEE DEE RIVER
WATEREE RIVER
LYNCHES RIVER AND CLARK CREEK
SANTEE RIVER
EDISTO RIVER
SALKEHATCHIE RIVER
ASHLEY RIVER
SHIPYARD RIVER
COOPER RIVER CHARLESTON HBR.
COOPER RIVER SEISMIC MODIFICATION
CHARLESTON HARBOR
FOLLY RIVER
ADAMS CREEK
JEREMY CREEK
TOWN CREEK
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK VA. AND THE ST. JOHNS RIVER FLA. (CHARLESTON DISTRICT)
MINGO CK
MURRELLS INLET
BROOKGREEN GARDENS
GEORGETOWN HARBOR
LITTLE RIVER INLET
WACCAMAW RIVER
PORT ROYAL HARBOR
VILLAGE CREEK
ARCHERS CREEK
PORT ROYAL SOUND
ST. HELENA SOUND
OCEAN
ATLANTIC
INDEX MAP
RIVER AND HARBOR WORKS
CHARLESTON DISTRICT
SCALE IN MILES
10 0 10 20 30 40 50 60
CORPS OF ENGINEERS
CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990

INDEX TO PROJECT MAPS
RIVER AND HARBOR WORKS

U.S. Army Engineer District
Corps of Engineers, Charleston
Revised to 30 September 1991

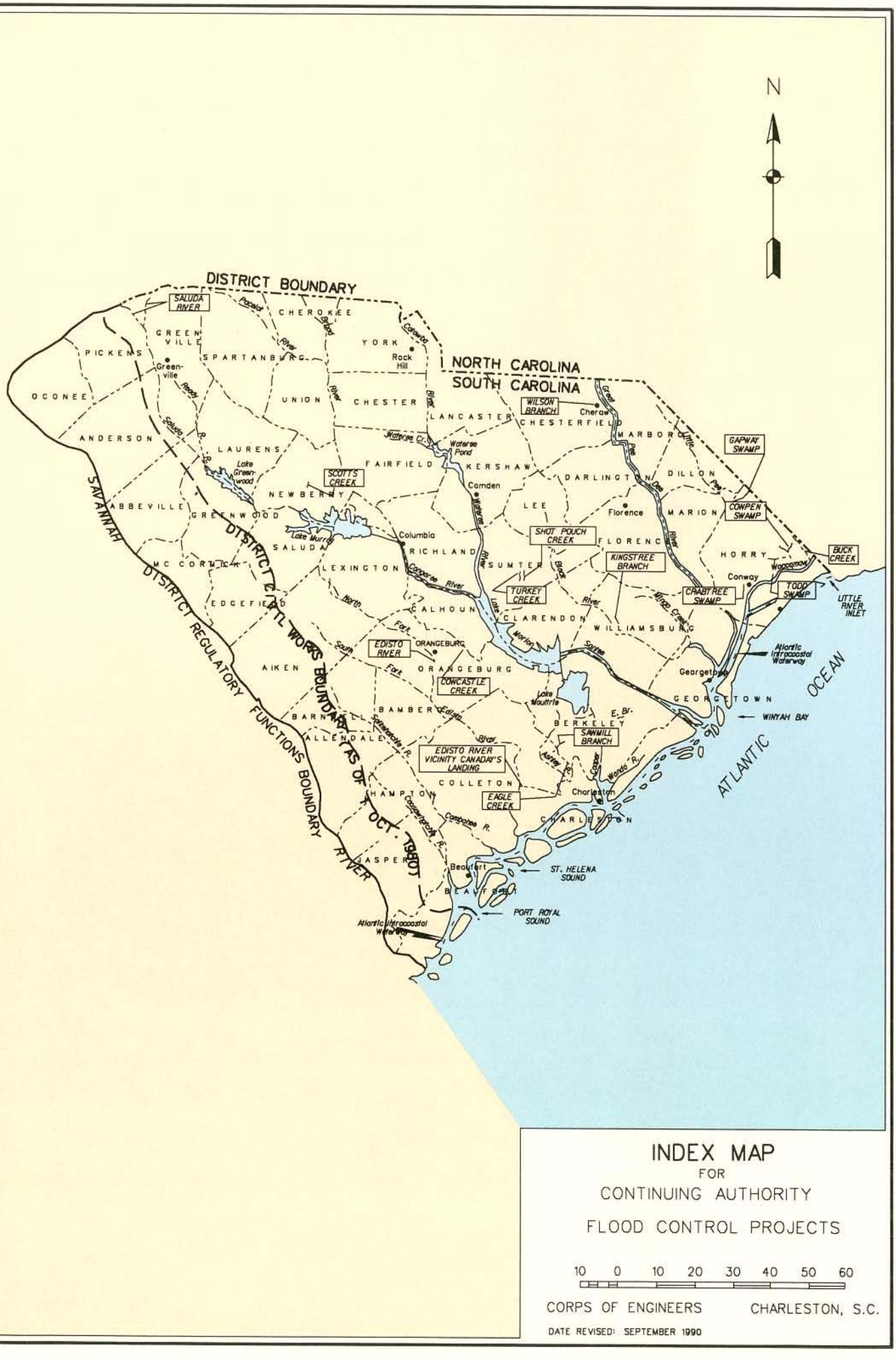
* - Inactive Projects


N
DISTRICT BOUNDARY
NORTH CAROLINA
SOUTH CAROLINA
Spartanburg
Greenville
Chester
Cheraw
Camden
Greenwood
Lake Greenwood
Lake Murray
Columbia
Sumter
Florence
Mars Bluff
Smiths Mills
Conway
Bucksport
Myrtle Beach
Red Bluff
Little River
Hemingway
Kingstree
Georgetown
Orangeburg
Guignards
Barnwell
Ridgeville
McClellanville
Beaufort
SAVANNAH DISTRICT REGULATORY FUNCTIONS BOUNDARY AS OF 1 OCT. 1980
DISTRICT CIVIL WORKS BOUNDARY
SAVANNAH RIVER
EDISTO RIVER
POMPION HILL CHAPEL
HUNTING ISLAND
ST. HELENA SOUND
PORT ROYAL SOUND
ATLANTIC OCEAN
LEGEND
FLOOD CONTROL PROJECT
BEACH EROSION PROJECT
STREAMBANK EROSION PROJECT
INDEX MAP
FLOOD CONTROL, BEACH EROSION
STREAMBANK EROSION
PROJECTS
CHARLESTON DISTRICT
SCALE IN MILES
10 0 10 20 30 40 50 60
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990

INDEX TO PROJECT MAPS
AUTHORIZED BY CONGRESS

U.S. Army Engineer District
Corps of Engineers, Charleston
Revised to 30 September 1991

* Inactive Projects



INDEX MAP

FOR

CONTINUING AUTHORITY

FLOOD CONTROL PROJECTS

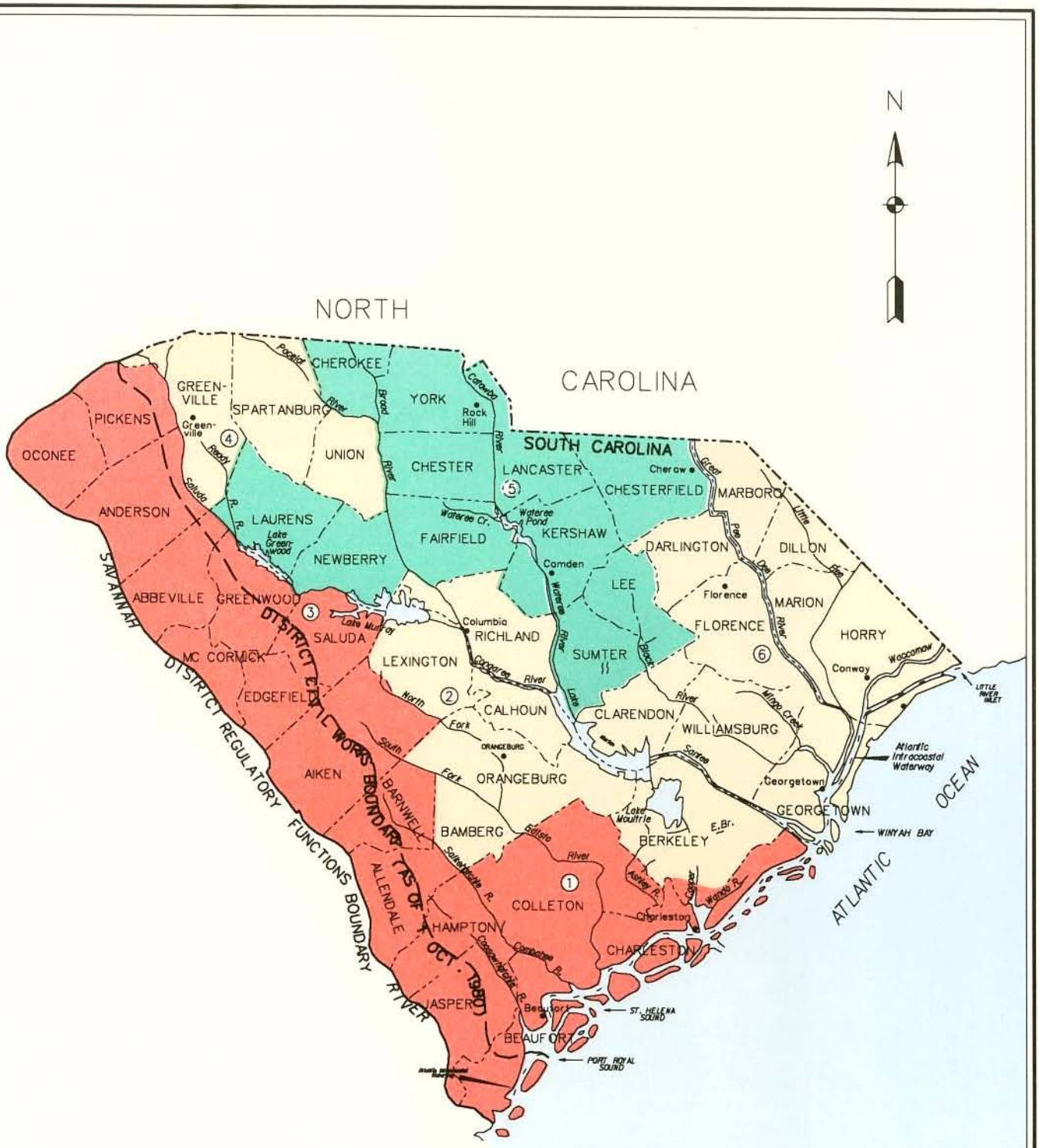
10 0 10 20 30 40 50 60

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990

INDEX TO PROJECT MAPS
CONTINUING AUTHORITY - FLOOD CONTROL

U. S. Army Engineer District
Corps of Engineers, Charleston
Revised to 30 September 1991



REPRESENTATIVES BY DISTRICTS

1. ARTHUR RAVENEL (D)
2. FLOYD SPENCE (R)
3. BUTLER DERRICK (D)
4. ELIZABETH PATTERSON (D)
5. JOHN SPRATT (D)
6. ROBIN TALLON (D)

SENATORS

1. STROM THURMOND
2. ERNEST F. HOLLINGS

CONGRESSIONAL DISTRICTS FOR THE CHARLESTON DISTRICT

SCALE IN MILES

10 0 10 20 30 40 50 60

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: APRIL 1990

CONGRESSIONAL DISTRICTS

SENATORS

Strom Thurmond
Ernest F. Hollings

REPRESENTATIVES

1. Arthur Ravenel, Jr.
2. Floyd D. Spence
3. Butler C. Derrick, Jr.
4. Elizabeth V. Patterson
5. John Spratt, Jr.
6. Robin Tallon

GOVERNOR

Carroll Campbell

LIEUTENANT GOVERNOR

Nick Theodore

PROJECTS TRANSFERRED TO WILMINGTON DISTRICT

RIVER AND HARBOR WORKS

Navigation

Lumber River, NC & SC

AUTHORIZED BY CONGRESS

Flood Control

W. Kerr Scott Dam and Reservoir, NC

CONTINUING AUTHORITY - FLOOD CONTROL

Little Sugar Creek, NC

Old Field Swamp, NC

Simmons Bay Creek, NC

Waccamaw River and Seven Creeks, NC

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA. AND THE ST. JOHNS RIVER, FL (CHARLESTON DISTRICT)

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the following River and Harbor Acts: Sept. 19, 1890; June 13, 1902 - H. Doc. 84, 56th Cong., 1st sess.; March 2, 1907 - H. Doc 178, 63d Cong., lst sess.; March 3, 1925 - H. Doc. 237, 68th Cong., 1st sess.; March 3, 1925 - S. Doc. 178, 68th Cong., 2d sess.; July 3, 1930 - H. Doc. 41, 71st Cong., 1st sess.; Aug 30, 1935 - River and Harbor Committee Doc. 14, 72d Cong., 1st sess.; Aug 30, 1935 - H. Doc. 129, 72d Cong., 1st sess.; Aug 30, 1935 - River and Harbor Committee Doc. 11, 72d Cong., 1st sess.; Aug 26, 1937 - River and Harbor Committee Doc. 6, 75th Cong., lst sess.; March 2, 1945 - H. Doc. 327, 76th Cong., 1st session.

PROJECT: Provides for a waterway 12 feet deep at mean low water and not less than 90 feet wide from the SC - NC state line at Little River to and including Port Royal Sound with a branch channel of the same dimensions to McClellanville, a total distance of 210 miles; for the construction of 3 bridges crossing the waterway in Horry County, SC; and for an anchorage basin 125 feet wide, 335 feet long, and 12 feet deep near Myrtle Beach, SC.

LOCAL COOPERATION: Requirements fully satisfied.

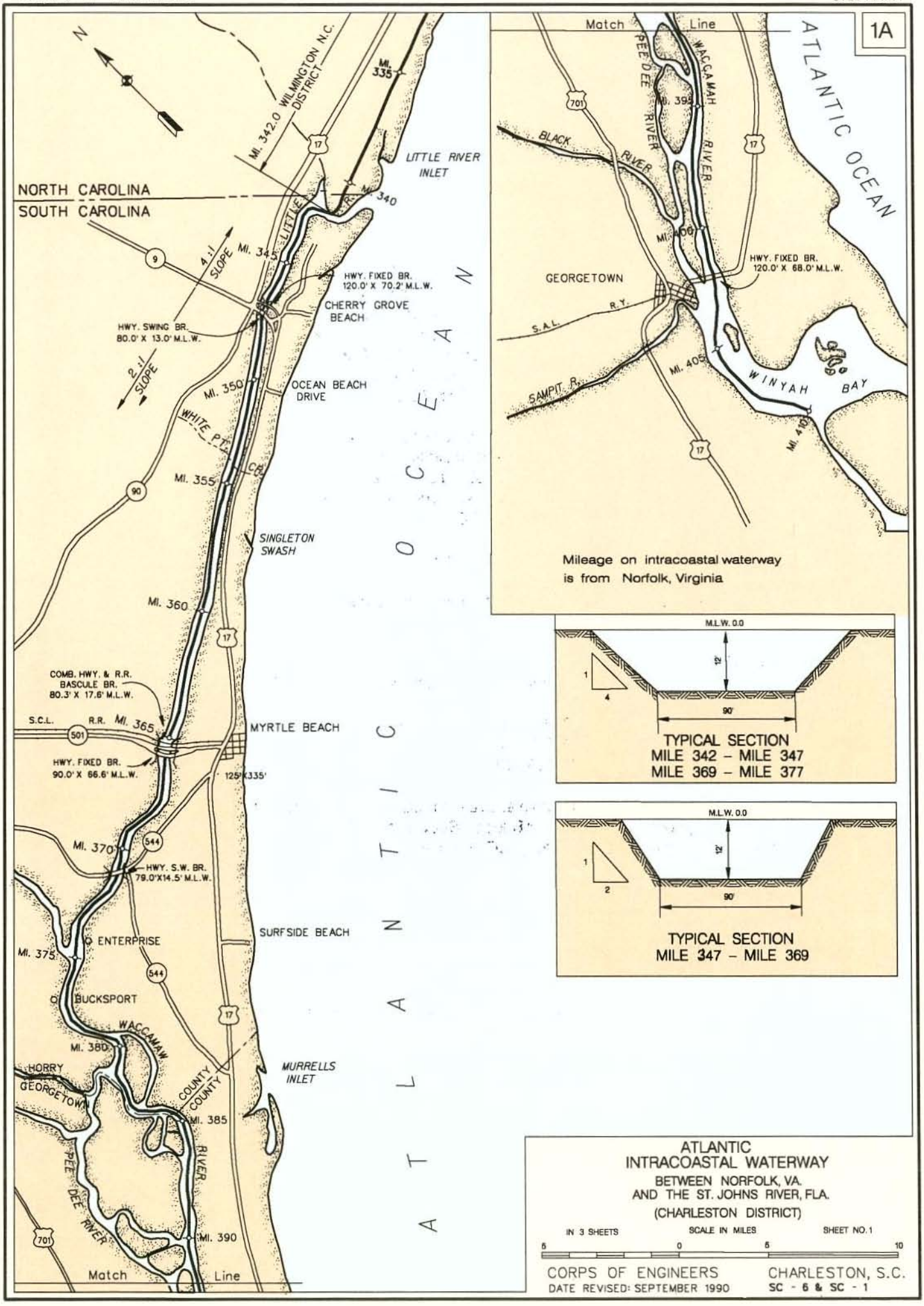
PROGRESS: Project completed in 1940 except an anchorage basin 125 feet wide, 335 feet long, and 12 feet deep near Myrtle Beach, S. C.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 7,455,378	--	$ 7,455,378
Maintenance	53,377,125	--	53,377,125
Total	60,723,013	--	60,723,013

TIDAL RANGE: At Little River, SC, one mile above the mouth, 5.0 feet; at Combination Bridge, 1.6 feet; Winyah Bay at Georgetown (Pee Dee River Bridge), SC, 3.3 feet; Charleston Harbor (entrance), SC, 5.2 feet; and Port Royal Sound (Battery Creek), SC, 7.2 feet.

Myrtle Beach Anchorage Basin was deauthorized by the Water Resources Development Act of 1986.



ATLANTIC INTRACOASTAL WATERWAY

BETWEEN NORFOLK, VA. AND THE ST. JOHNS RIVER, FLA.

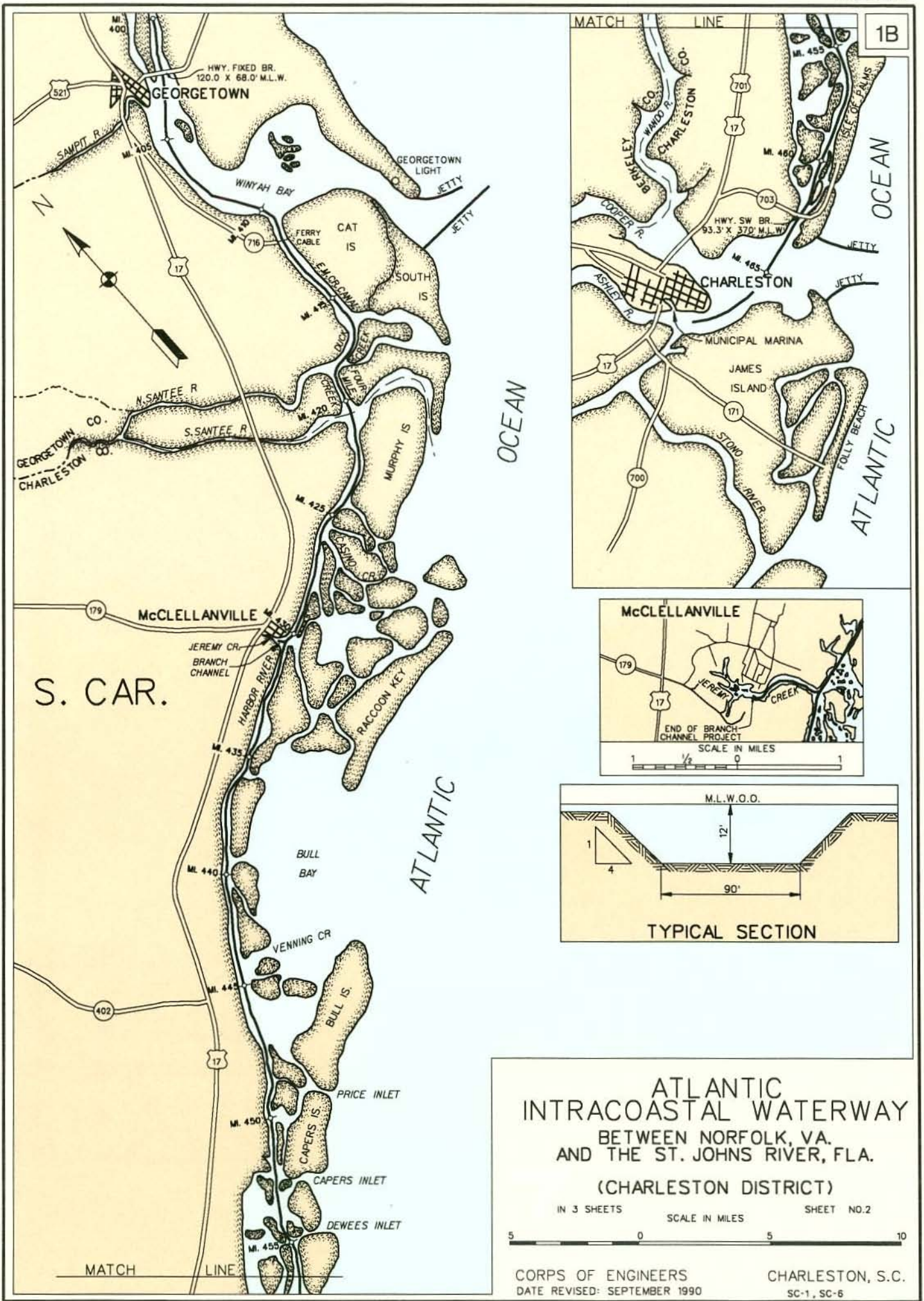
(CHARLESTON DISTRICT)

IN 3 SHEETS SCALE IN MILES SHEET NO. 1

5 0 5 10

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC - 6 & SC - 1



ATLANTIC INTRACOASTAL WATERWAY

BETWEEN NORFOLK, VA. AND THE ST. JOHNS RIVER, FLA.

(CHARLESTON DISTRICT)

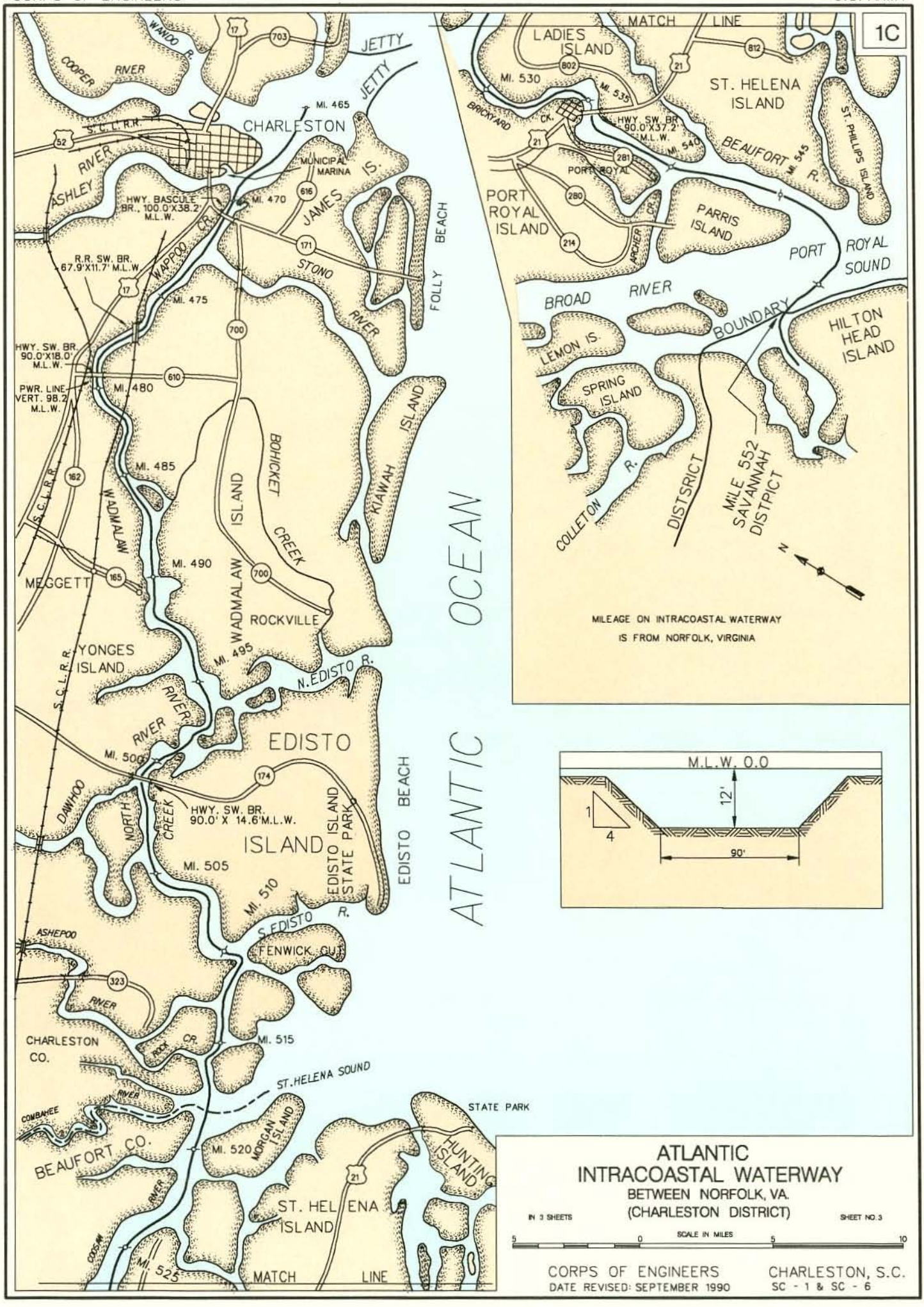
IN 3 SHEETS SHEET NO.2

SCALE IN MILES

5 0 5 10

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-1, SC-6



ATLANTIC INTRACOASTAL WATERWAY

BETWEEN NORFOLK, VA. (CHARLESTON DISTRICT)

IN 3 SHEETS

SHEET NO. 3

SCALE IN MILES 5 0 5 10

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC - 1 & SC - 6

GEORGETOWN HARBOR, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the River and Harbor Act - Aug 5, 1886 - H. Ex. Doc. 258, 48th Cong., 2d sess.; H. Ex. Doc. 117, 50th Cong., 2d sess.; River and Harbor Act - June 25, 1910 - H. Doc. 395, 58th Cong., 2nd sess.; H. Doc. 398, 58th Cong., 2d sess.; River and Harbor Act of March 2, 1945 - H. Doc. 211, 76th Cong., 1st sess.; River and Harbor Act of June 30, 1948 - S. Doc. 21, 81st Cong., 1st session.

PROJECT: Provides for a channel 27 feet deep with varying widths of 600 to 400 feet from the Atlantic Ocean to and including a turning basin in Sampit River, with a side channel 2,400 feet long and not less than 200 feet wide leading to a turning basin at the upper end of the built-up portion of the city waterfront, widened at the bends, secured and maintained by two jetties of stone on brush mattresses, springing respectively from North and South Islands, the north jetty 11,139 feet long and the south jetty 21,051 feet long. The project also provides for maintenance to a depth of 18 feet for a width of 400 feet of the bypassed portion of Sampit River opposite the city of Georgetown.

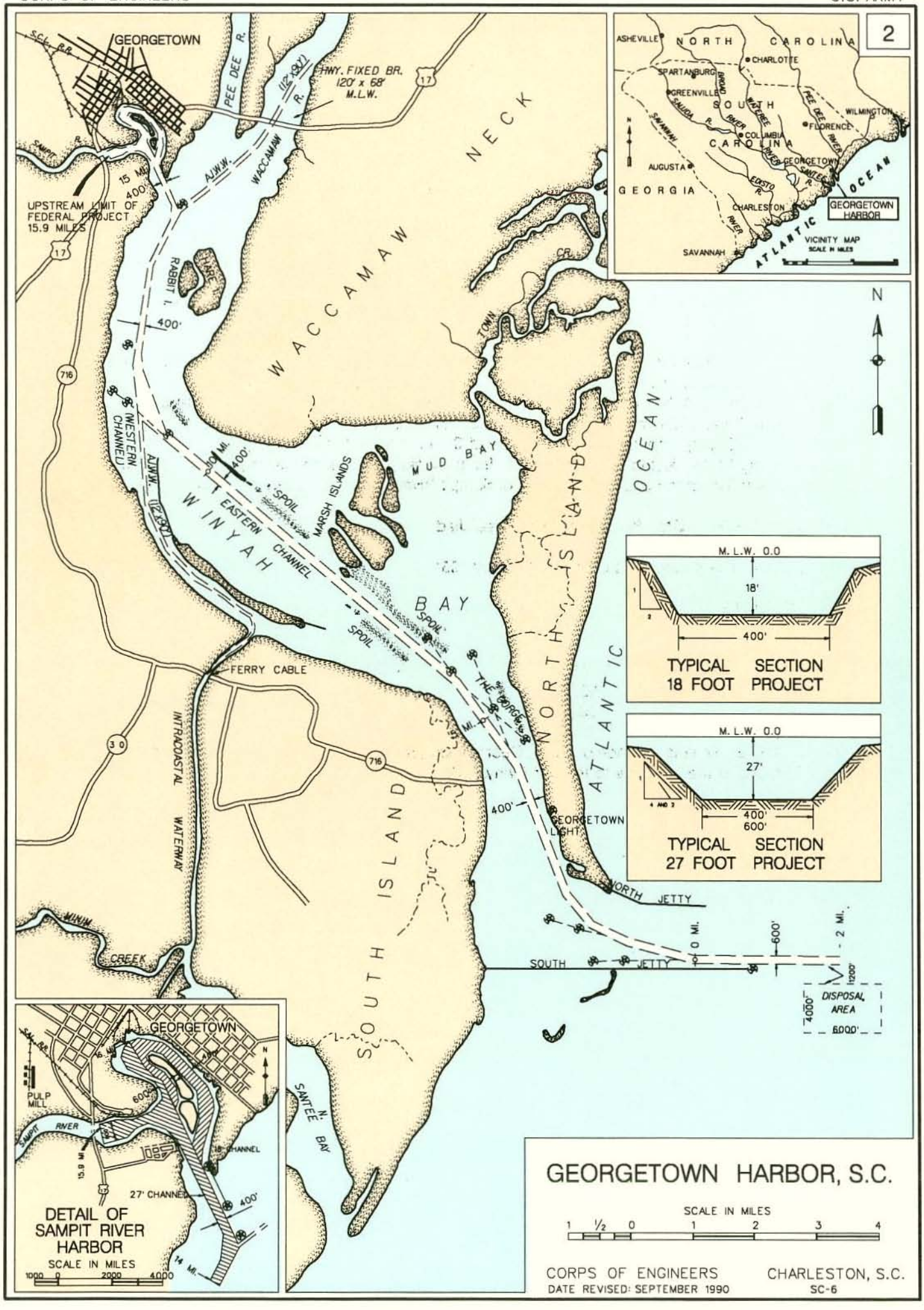
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The project was completed in July 1951.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 7,061,755	--	$ 7,061,755
Maintenance	55,600,493	--	55,600,493
Total	62,662,248	--	62,662,248

TIDAL RANGE: The mean range of tide at Georgetown (Sampit River) is 3.7 feet, in the inner channel is 5.4 feet, and at the entrance to the bar (Winyah Bay entrance), it is 4.6 feet.



GEORGETOWN HARBOR, S.C.

SCALE IN MILES

1 1/2 0 1 2 3 4

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-6

WACCAMAW RIVER, NC & SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the following River and Harbor Acts: June 14, 1880 - S. Ex. Doc. 117, 46th Cong., 2d session and Annual Report, 1880, p. 848: July 3, 1930 - H. Doc. 82, 70th Cong., 1st session.

PROJECT: Provides for a channel 12 feet deep at mean low water, with 80-foot bottom width, from the mouth to Conway, 41.5 miles; thence 4 feet deep at mean low water and 50 feet wide to Red Bluff, 25.5 miles above Conway; thence a cleared channel to Lake Waccamaw.

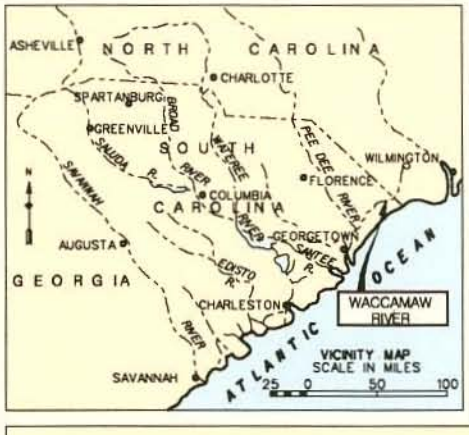
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The 12-foot channel to Conway (mile 41.5) was completed in 1923, and the 4-foot channel to Red Bluff (mile 67) in 1931.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 262,814	--	$ 262,814
Maintenance	283,372	--	283,372
Total	546,186	--	546,186

TIDAL RANGE: The mean range of tide is 3.6 feet at the mouth, 2.0 feet at Enterprise Landing, and 1.2 feet at Conway.



WACCAMAW RIVER N.C. AND S.C.

SCALE IN MILES
5 0 5 10 15 20

CORPS OF ENGINEERS
DATE REVISED: SEPTEMBER 1990

CHARLESTON, S.C.
SC-6

GREAT PEE DEE RIVER, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the following River and Harbor Acts: June 14, 1880 - S. Ex. Doc. 117, 46th Cong. 2d sess., and the 1880 Annual Report, p. 844 (For map see Annual Report for 1889, p. 1180); June 13, 1902 - H. Doc. 124, 56th Cong., 2d sess.

PROJECT: Provides for a cleared 9-foot channel from Waccamaw River via Bull Creek, to Smiths Mills, and thence a 3½-foot channel to Cheraw at all stages of water.

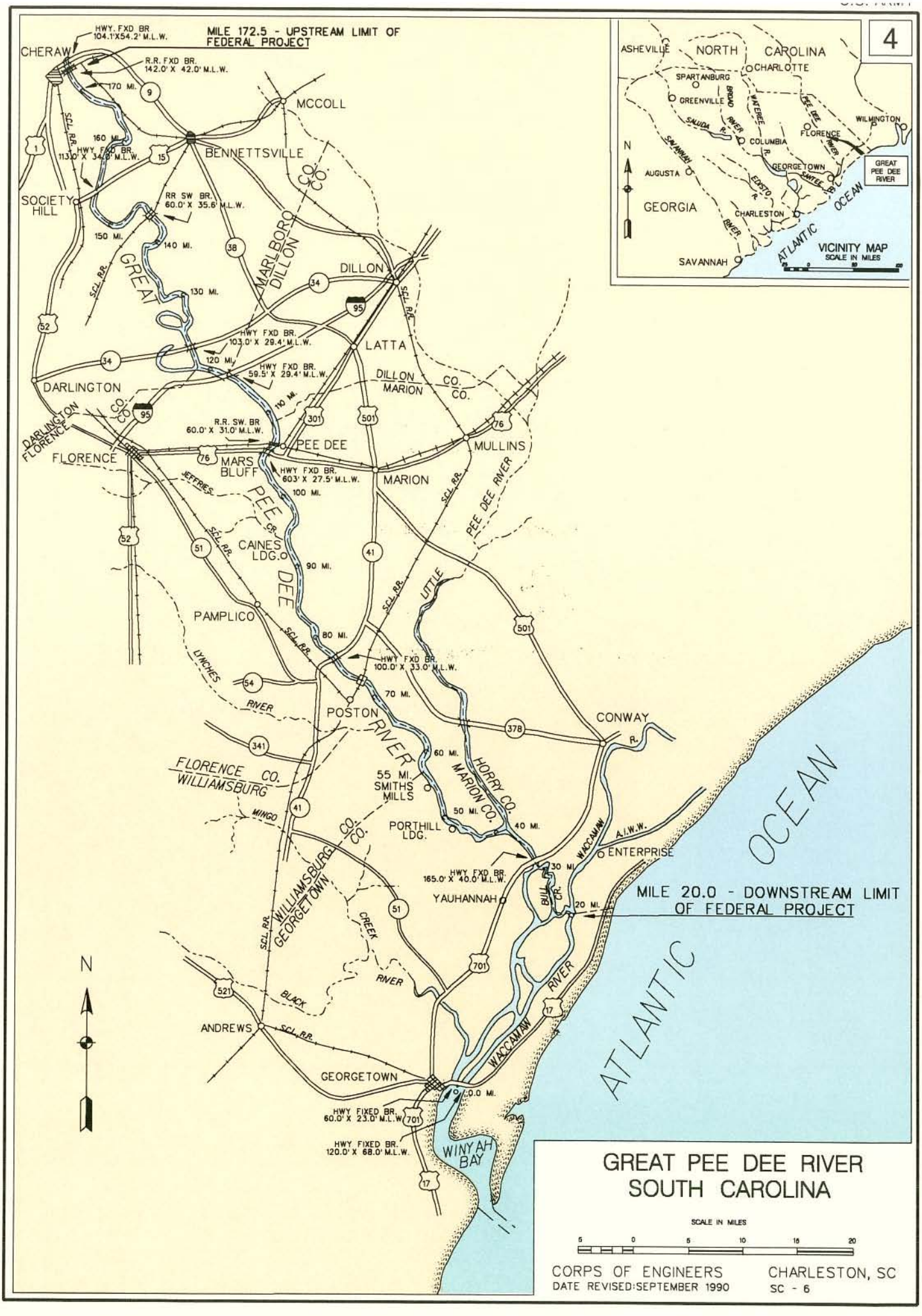
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The existing project was completed in 1909. Project dimensions obtained from the head of Bull Creek at Great Pee Dee River (mile 32.5) to Smiths Mills (mile 55).

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 183,712	--	$ 183,712
Maintenance	270,123	--	270,123
Total	453,835	--	453,835

TIDAL RANGE: The mean range of tide at the Waccamaw entrance is 3.6 and the extreme tide is 4.2 feet.


MILE 172.5 - UPSTREAM LIMIT OF FEDERAL PROJECT
HWY. FXD BR 104.1'X54.2' M.L.W.
CHERAW
R.R. FXD BR. 142.0' X 42.0' M.L.W.
170 MI.
MCCOLL
SCL RR.
160 MI.
HWY FXD BR. 113.0' X 34.8' M.L.W.
BENNETTSVILLE
SOCIETY HILL
RR SW BR. 60.0' X 35.6' M.L.W.
150 MI.
140 MI.
GREAT
MARLBORO CO.
DILLON CO.
DILLON
SCL RR.
130 MI.
HWY FXD BR. 103.0' X 29.4' M.L.W.
LATTA
120 MI.
HWY FXD BR. 59.5' X 29.4' M.L.W.
DILLON CO.
MARION CO.
DARLINGTON
110 MI.
DARLINGTON CO.
FLORENCE CO.
R.R. SW. BR 60.0' X 31.0' M.L.W.
PEE DEE
MULLINS
FLORENCE
MARS BLUFF
HWY FXD BR. 603' X 27.5' M.L.W.
MARION
JEFFRIES
100 MI.
PEE DEE RIVER
PEE DEE
CR.
CAINES LDG.
90 MI.
PAMPLICO
UTTLE
80 MI.
HWY FXD BR. 100.0' X 33.0' M.L.W.
LYNCHES
RIVER
70 MI.
POSTON
CONWAY
60 MI.
FLORENCE CO.
WILLIAMSBURG CO.
55 MI.
SMITHS MILLS
HORRY CO.
MARION CO.
MINGO
50 MI.
PORTHILL LDG.
40 MI.
A.I.W.W.
WACCAMAW
ENTERPRISE
30 MI.
HWY FXD BR. 165.0' X 40.0' M.L.W.
YAUHANNAH
BULL CR.
20 MI.
MILE 20.0 - DOWNSTREAM LIMIT OF FEDERAL PROJECT
ATLANTIC OCEAN
WILLIAMSBURG CO.
GEORGETOWN CO.
SCL RR.
CREEK
BLACK
RIVER
ANDREWS
GEORGETOWN
WACCAMAW RIVER
0.0 MI.
HWY FIXED BR. 60.0' X 23.0' M.L.W
HWY FIXED BR. 120.0' X 68.0' M.L.W.
WINYAH BAY
N
ASHEVILLE
NORTH CAROLINA
CHARLOTTE
SPARTANBURG
GREENVILLE
BROAD RIVER
WATEREE R.
LEE DEE RIVER
WILMINGTON
SALUDA R.
COLUMBIA
FLORENCE
PEE DEE RIVER
SAVANNAH
AUGUSTA
GEORGETOWN
SANTEE R.
EDISTO R.
GREAT PEE DEE RIVER
GEORGIA
CHARLESTON
OCEAN
ATLANTIC
SAVANNAH
VICINITY MAP
SCALE IN MILES
4
GREAT PEE DEE RIVER
SOUTH CAROLINA
SCALE IN MILES
5 0 5 10 15 20
CORPS OF ENGINEERS
DATE REVISED:SEPTEMBER 1990
CHARLESTON, SC
SC - 6

MINGO CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the following River and Harbor Act: July 25, 1912 - H. Doc. 782, 61st Cong., 2d session.

PROJECT: Provides for a channel 60 feet wide and 8 feet deep at mean low water from the mouth to Hemingway Bridge, 11 miles, by making four short cutoffs.

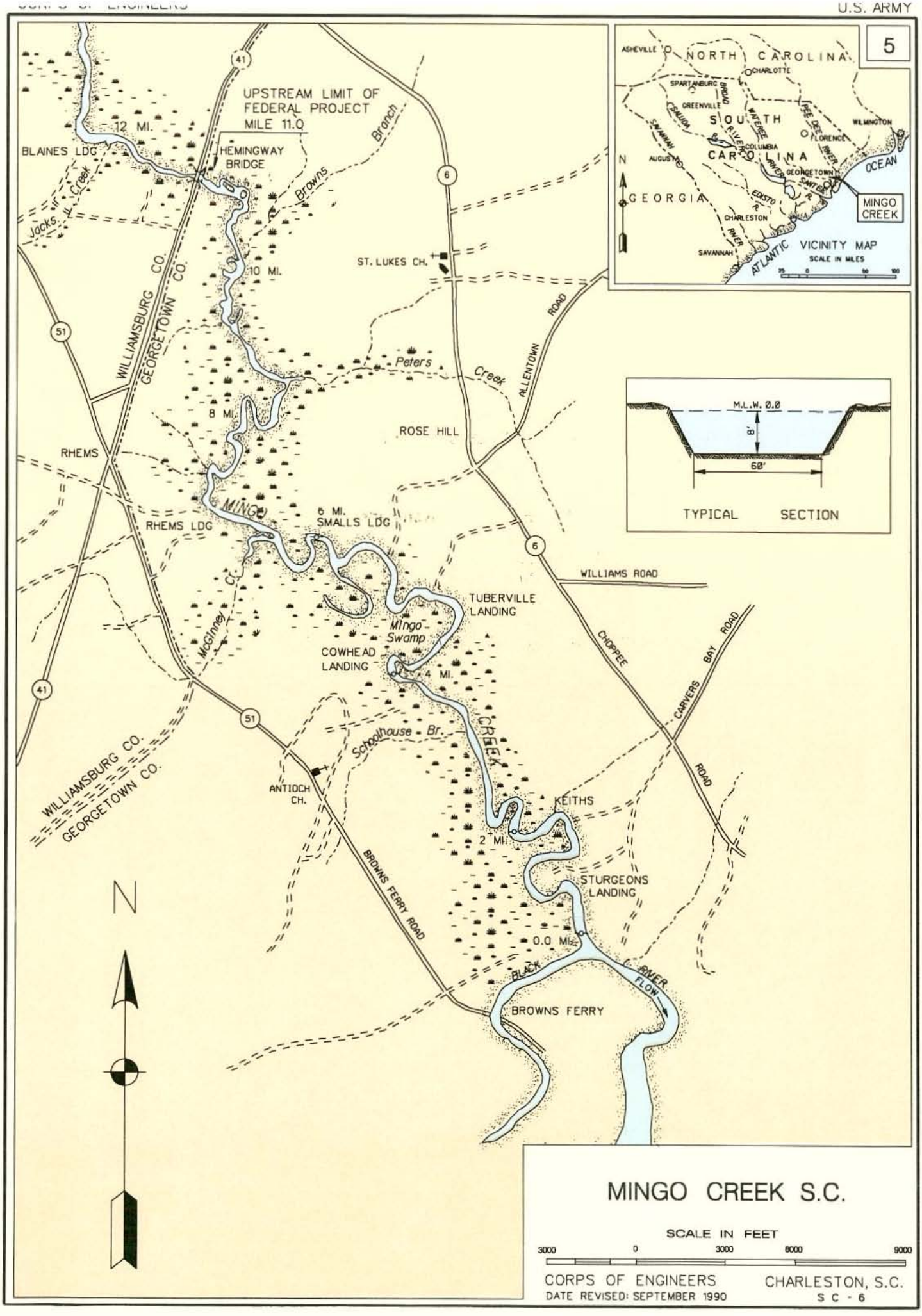
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The existing project was completed in 1913. The creek was last cleared of obstructions between its mouth at Black River and the Hemingway highway bridge (mile 11), the head of commercial navigation, during January 1945.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 29,050	--	$ 29,050
Maintenance	7,600	--	7,600
Total	36,650	--	36,650

TIDAL RANGE: The mean range of tide is 2 feet and the freshet range is 4.5 feet.


5
UPSTREAM LIMIT OF FEDERAL PROJECT MILE 11.0
12 MI.
BLAINES LDG
HEMINGWAY BRIDGE
Jacks Creek
Browns Branch
10 MI.
ST. LUKES CH.
WILLIAMSBURG CO.
GEORGETOWN CO.
Peters Creek
ALLENTOWN ROAD
8 MI.
ROSE HILL
RHEMS
RHEMS LDG
MINGO
6 MI.
SMALLS LDG
McGinney Cr.
TUBERVILLE LANDING
Mingo Swamp
COWHEAD LANDING
4 MI.
WILLIAMS ROAD
CHOPPEE
CARVERS BAY ROAD
ROAD
Schoolhouse Br.
CREEK
ANTIOCH CH.
KEITHS
2 MI.
STURGEONS LANDING
0.0 MI.
BROWNS FERRY ROAD
BLACK RIVER
FLOW
BROWNS FERRY
N
ASHEVILLE
NORTH CAROLINA
CHARLOTTE
SPARTANBURG
GREENVILLE
SOUTH CAROLINA
WILMINGTON
FLORENCE
COLUMBIA
AUGUSTA
GEORGETOWN
CHARLESTON
SAVANNAH
GEORGIA
ATLANTIC OCEAN
MINGO CREEK
VICINITY MAP
SCALE IN MILES
M.L.W. 0.0
8'
60'
TYPICAL SECTION
MINGO CREEK S.C.
SCALE IN FEET
3000 0 3000 6000 9000
CORPS OF ENGINEERS
CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990
S C - 6

SANTEE RIVER, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the following River and Harbor Act: September 19, 1890 - Annual Report for 1889, p. 1184.

PROJECT: Provides for snagging the entire river.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: In June 1941, the river was closed to navigation at Wilson Landing (mile 87) by the construction of the Santee Dam of the Santee-Cooper hydroelectric project.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 99,750	--	$ 99,750
Maintenance	181,494	--	181,494
Total	281,244	--	281,244

TIDAL RANGE: The mean range of tide is 4.5 feet at North Santee River Inlet.


6
NORTH CAROLINA
ASHEVILLE
CHARLOTTE
SPARTANBURG
GREENVILLE
COLUMBIA
FLORENCE
WILMINGTON
AUGUSTA
GEORGETOWN
GEORGIA
CHARLESTON
SAVANNAH
ATLANTIC OCEAN
SANTEE RIVER
VICINITY MAP
SCALE IN MILES
N
SUMTER
SARDINIA
KINGVILLE
WATEREE
CONGAREE R.
FORT MOTTE
PINEWOOD
PAXVILLE
MANNING
ST. MATTHEWS
LONESTAR
SUMMERTON
CAMERON
KINGSTREE
GREELEYVILLE
LANE
SANTEE
LAKE MARION
ANDREWS
GEORGETOWN
WILSON LDG.
SAINT STEPHENS
EUTAWVILLE
DIVERSION CANAL
LAKE MOULTRIE
APPROX. TIDAL HEAD MI. 48
JAMESTOWN
FOSTERS LDG.
TAIL RACE CANAL
PINOPOLIS
MONCKS CORNER
MCCLELLANVILLE
WINYAH BAY
SAMPIT RIVER
WADMECON RIVER
COOPER RIVER
SUMTER CO.
CLARENDON CO.
WILLIAMSBURG CO.
GEORGETOWN CO.
BERKELEY CO.
CHARLESTON CO.
ORANGEBURG CO.
CALHOUN CO.
DORCHESTER CO.
R.R. FXD. BR. 62.0' X 12.7' Above Full Pool
HWY. FXD. BR. 75.0' X 40.0' M.L.W.
R.R. FXD. BR. 45.0' X 32.6' M.L.W.
HWY. FXD. BR. 100.0' X 50.0' Above Full Pool
HWY. FXD. BR. 113.0' X 38.5' M.L.W.
HWY. FXD. BR. 112.0' X 53.0' M.L.W.
RR FXD. BR. 100.0' X 16.5' M.L.W.
HWY. FXD. BR. 100.0' X 34.0' M.L.W.
HWY. FXD. BR. 100.0' X 19.0' M.L.W.
A.I.W.W.
ATLANTIC OCEAN
SANTEE RIVER, S. C.
SCALE IN MILES
10 5 0 10 20
CORPS OF ENGINEERS
DATE REVISED: SEPTEMBER 1990
CHARLESTON, S.C.
SC-1, SC-6

RESERVED FOR FUTURE USE

CHARLESTON HARBOR, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the following River and Harbor Acts: June 18, 1878; August 8, 1917 - H. Doc. 288, 62d Cong., 2d sess.; July 18, 1918 - H. Doc. 1946, 64th Cong., 2d sess.; January 21, 1927 - H. Doc. 249, 69th Cong., 1st sess.; October 17, 1940 - H. Doc. 259, 76th Cong., 1st sess.; March 2, 1945 - H. Doc. 156, 77th Cong., 1st sess.; September 3, 1954 - S. Doc. 136, 83rd Cong., 2d sess.; July 14, 1960 - H. Doc. 35, 86th Cong., 1st sess.; October 22, 1976 Water Resources Development Act - H. Doc. 94-436 (Section 101), 94th Congress, 2d sess.; and the 1986 Water Resources Development Act dated 17 November 1986 - H. Doc. 99-1013, 99th Cong., 2d sess., and P.L. 99-662.

PROJECT: The project, as authorized by the 1986 Water Resources Development Act, provides for deepening of the 35-foot channel to 40 feet (42 feet in the ocean bar and entrance channel) from the 42-foot ocean contour to Goose Creek, a total distance of 26.9 miles, construction of one turning basin, modification of existing turning basins, deepening and modification of the anchorage basin, deepening Shipyard River to 38 feet, maintain the Wando River Channel to 35 feet at federal expense and the deepening of this channel to 40 feet.

LOCAL COOPERATION: The Local Cooperation Agreement was signed on 5 Feb 88. The Wando River supplement was signed on 8 Mar 89. The South Carolina State Ports Authority is the sponsor for this project and has furnished funds and disposal areas in a timely manner.

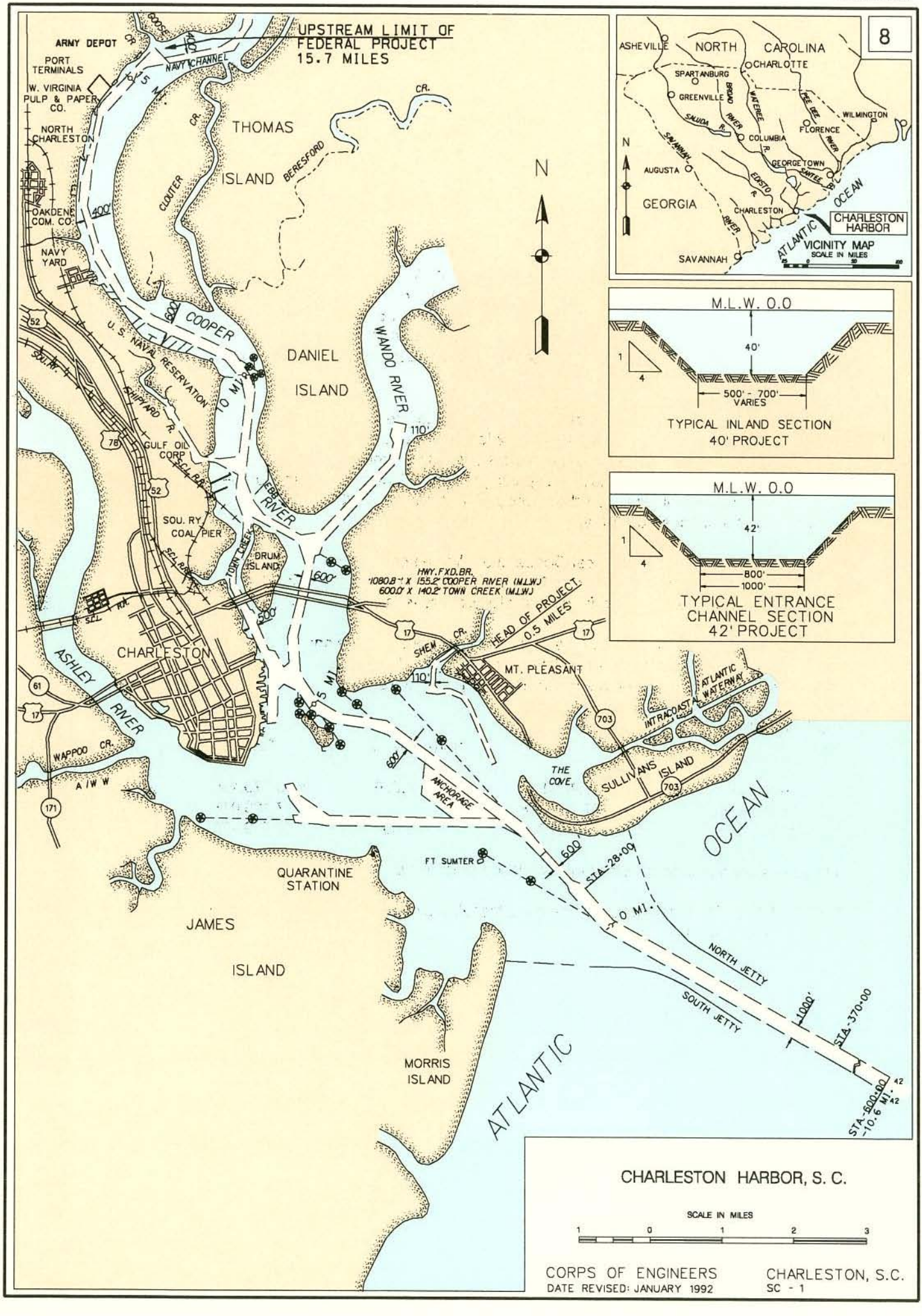
PROGRESS: Previous projects completed except for a portion of the anchorage basin which has been deauthorized and the 40-foot national defense project. Work is currently underway on deepening the harbor to 40 feet with completion scheduled for September 1994.

COST TO DATE:

	Federal	Non-Federal[1/]	Total
New Work	$ 35,486,849	$ 8,189,606	$ 43,676,455
Maintenance	107,123,018	--	107,123,018
Total	142,609,867	8,189,606	150,799,473

[1/] No values are included for disposal area lands or diking costs.

TIDAL RANGE: The mean range of tide is 5.2 feet above mean low water, and extreme tide is 6.1 feet above mean low water.



CHARLESTON HARBOR, S. C.

SCALE IN MILES

1 0 1 2 3

CORPS OF ENGINEERS
DATE REVISED: JANUARY 1992

CHARLESTON, S.C.
SC - 1

ASHLEY RIVER, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the following River and Harbor Acts: July 25, 1912 - River and Harbor Committee Doc. 4, 62d Cong., 2d sess.; August 26, 1937 - River and Harbor Committee Doc. 49, 74th Cong., 2d session.

PROJECT: Provides for a channel 30 feet deep at mean low water and 300 feet wide from the mouth to the Standard Wharf, 7.4 miles, suitably widened at bends and at the head of the improvement.

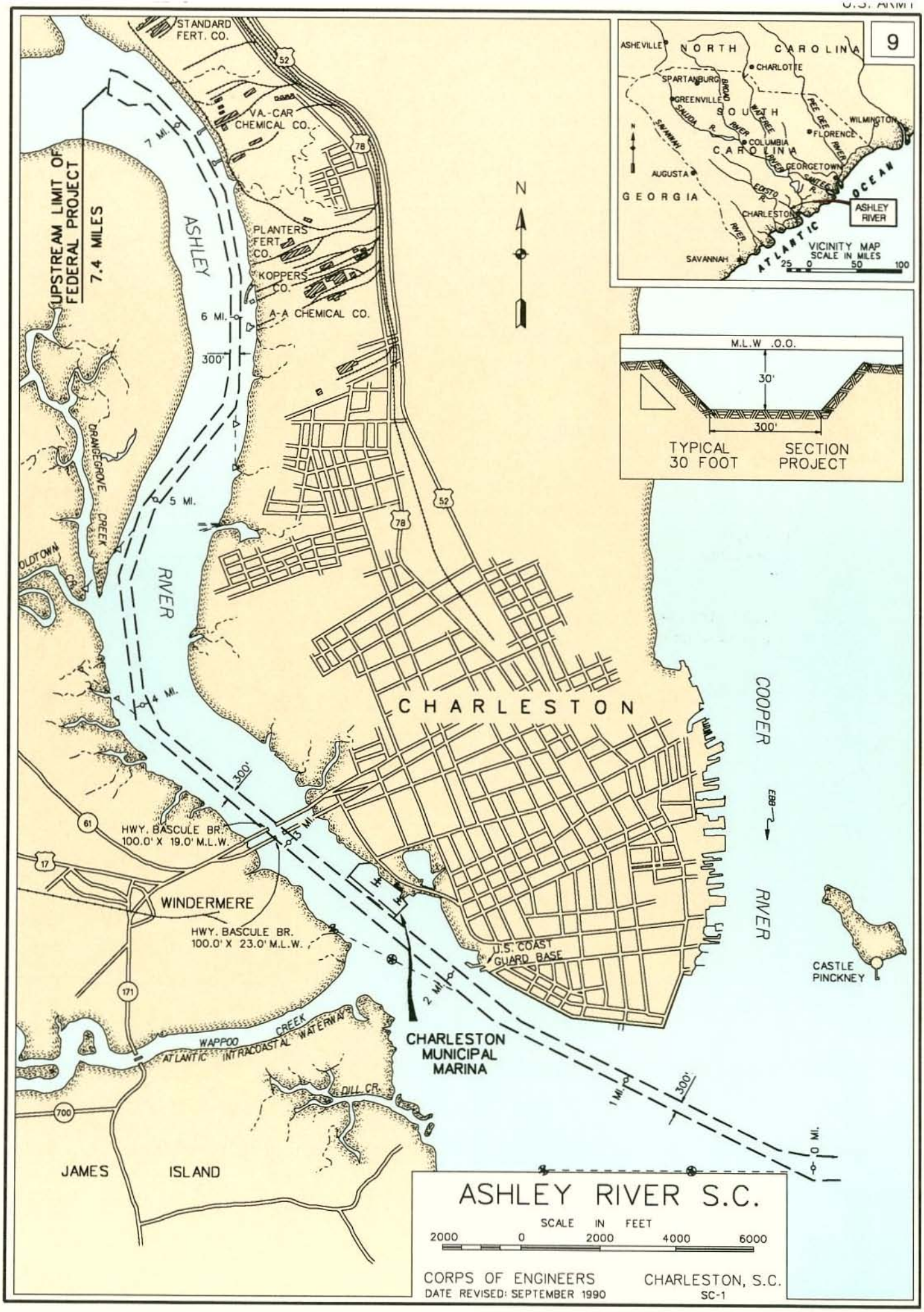
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The project was completed in 1940.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 260,996	--	$ 260,996
Maintenance	552,599	--	552,599
Total	813,595	--	813,595

TIDAL RANGE: The mean range of tide at the Ashley River, Wappo Creek (highway bridge) is 5.2 feet above mean low water with an extreme tide of 6.1 feet.



9

ASHLEY RIVER S.C.

SCALE IN FEET

2000 0 2000 4000 6000

CORPS OF ENGINEERS
DATE REVISED: SEPTEMBER 1990

CHARLESTON, S.C.
SC-1

SHIPYARD RIVER, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the following River and Harbor Acts: July 25, 1912 - S. Doc. 350, 62d Cong., 2d sess.; March 3, 1925 - H. Doc. 288, 68th Cong., 1st sess.; July 3, 1930 - River and Harbor Committee Doc. 13, 71st Cong., 2d sess.; August 30, 1935 - River and Harbor Committee Doc. 43, 73rd Cong., 2d sess.; August 26, 1937 - River and Harbor Committee Doc. 38, 75th Cong., 1st sess.; March 2, 1945 - H. Doc. 93, 79th Cong., 1st session. The 1986 Water Resources Development Act authorized deepening to 38 feet as part of the Charleston Harbor, S. C Project.

PROJECT: Provides for a channel 30 feet deep at mean low water and 200 feet wide, widened to 300 feet at the entrance, from deep water in Cooper River to the vicinity of the plant of the AIRCO Alloys Company, with a turning basin 30 feet deep opposite the Gulf Oil Corporation terminal and a turning basin 30 feet deep at the upper end of the project with flared entrance.

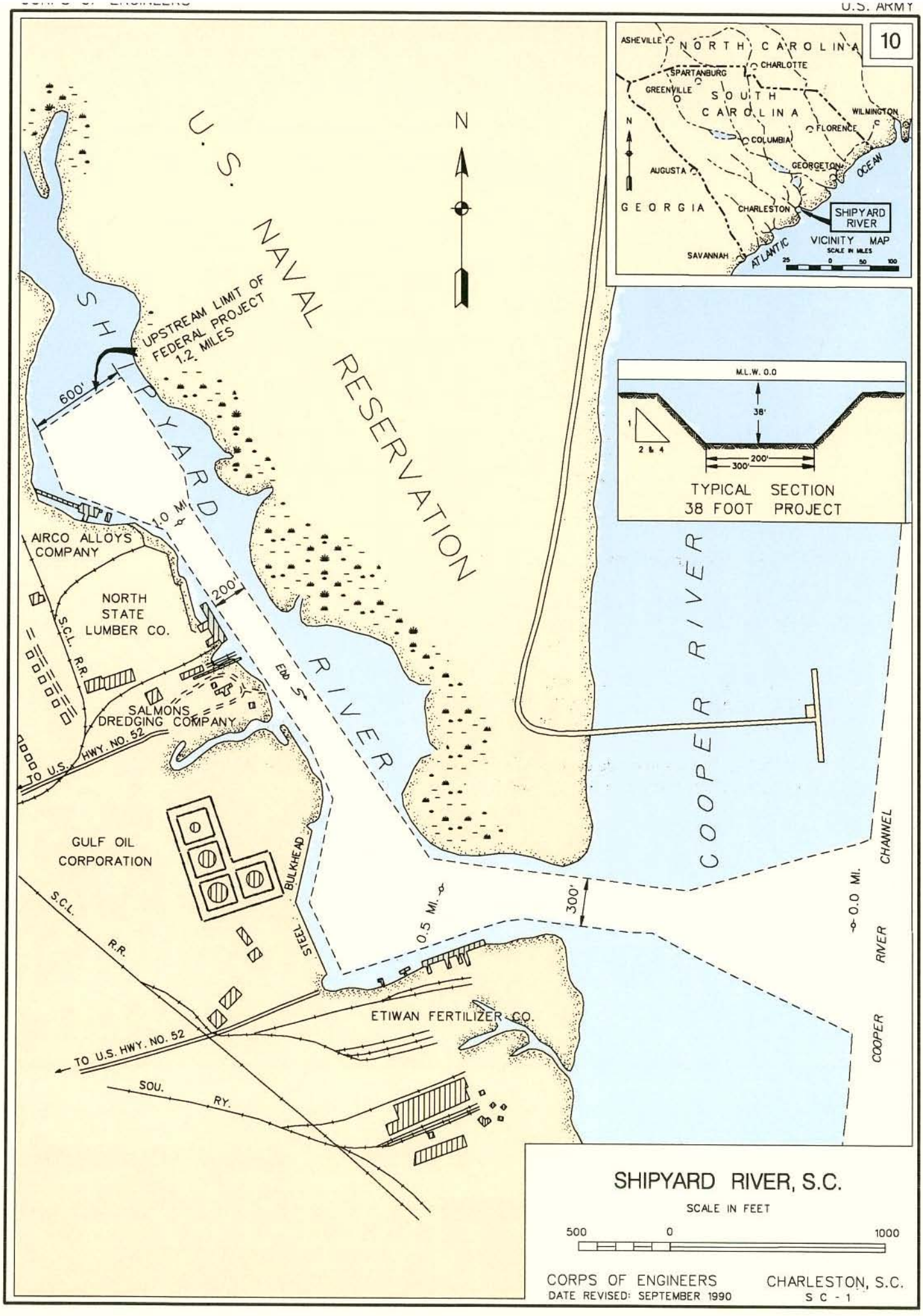
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The entrance channel and a portion of the lower turning basin have been deepened to 38 feet.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 491,974	--	$ 491,974
Maintenance	9,753,561	--	9,753,561
Total	10,245,535	--	10,245,535

TIDAL RANGE: The mean range of tide at Shipyard Creek, 0.8 miles above entrance is 5.3 feet above mean low water, and extreme tide is 6.1 feet above mean low water.



SHIPYARD RIVER, S.C.

SCALE IN FEET

500 0 1000

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 S C - 1

BROOKGREEN GARDENS, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by the River and Harbor Act of 1960, as amended.

PROJECT: The project provides for a 3,600 foot canal with a 30 foot bottom width maintained to a depth of four feet mlw.

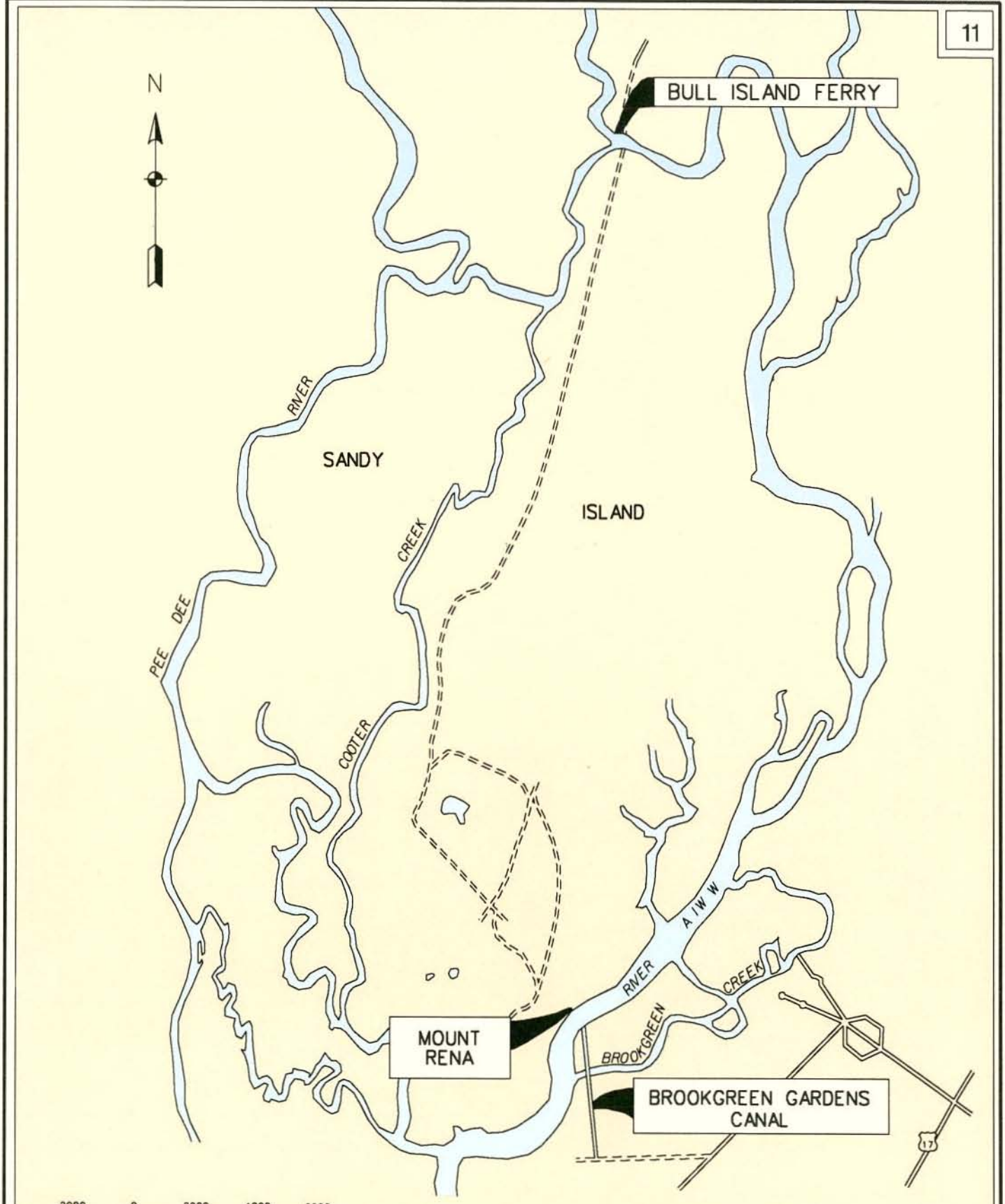
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The project was constructed in August 1990.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 94,700	$ 7,800	$ 102,500
Maintenance	--	--	--
Total	94,700	7,800	102,500

11



BROOKGREEN GARDENS CANAL
GEORGETOWN COUNTY, S.C.

LOCATION MAP

CORPS OF ENGINEERS
DATE REVISED: NOVEMBER 1985

CHARLESTON, S.C.
SC-6

EDISTO RIVER, SC
(Flood Control)

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by the Flood Control Act, approved 22 December 1944, S. Doc. 182, 78th Cong., 2d session.

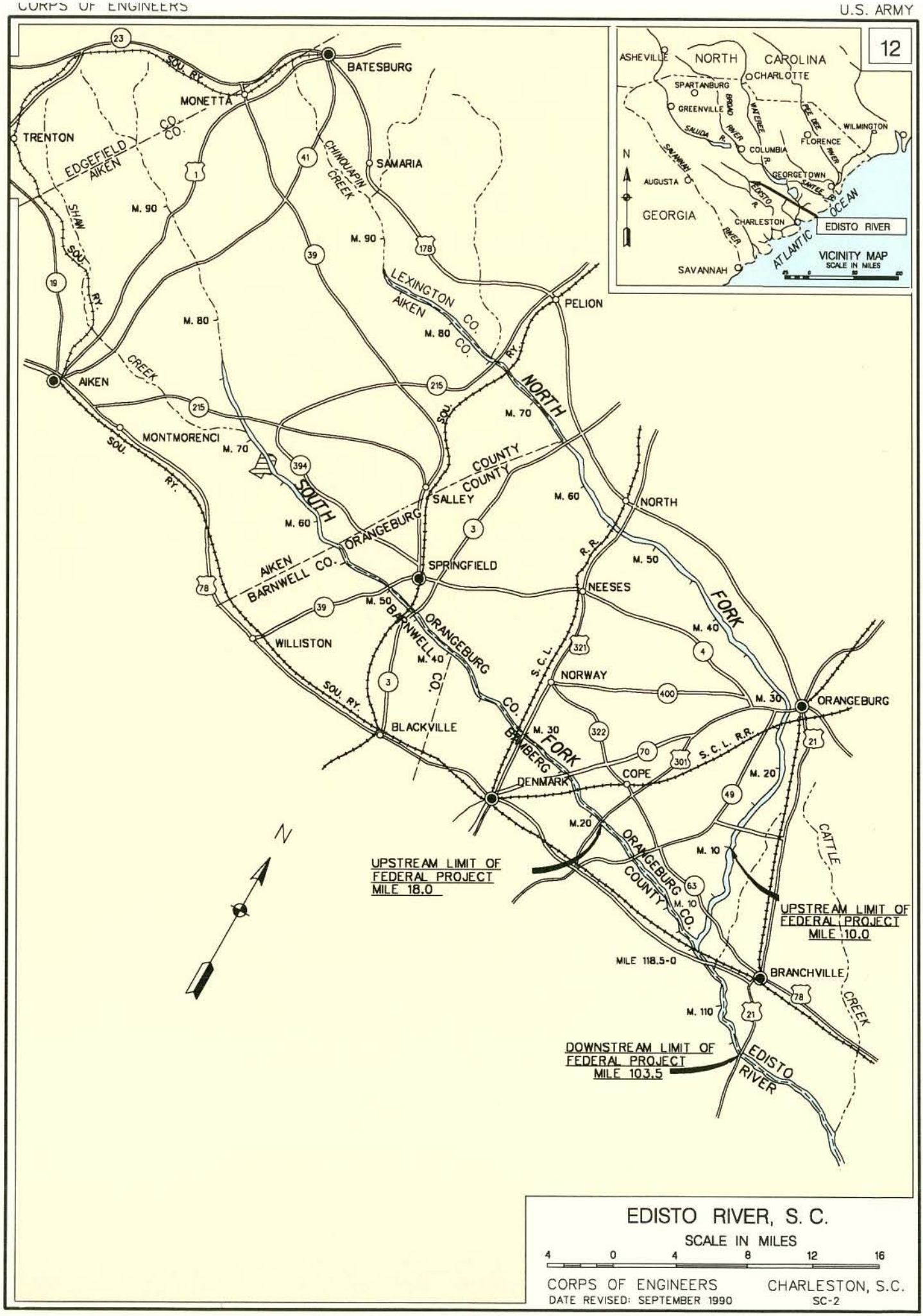
PROJECT: Provides for clearing the channel and banks of the lower 18 miles of South Fork, the lower 10 miles of the North Fork, and the upper 15 miles of the Edisto River for flood control.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Construction of the project has not been started.

COST TO DATE: $6,379 (100% Federal)

TIDAL RANGE: None



EDISTO RIVER, S. C.

SCALE IN MILES

4 0 4 8 12 16

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-2

RESERVED FOR FUTURE USE

RESERVED FOR FUTURE USE

EDISTO RIVER, SC
(Navigation)

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by the River and Harbor Act of 2 August 1882, H. Doc. No. 23, 46th Cong., 3d session.

PROJECT: Provides for the removal of snags and shoals and for channel rectification by cutting off bends and closing lateral channels to provide a clear channel suitable for light draft steamers from the sea to the junction of the North and South Forks, and suitable for rafts and flatboats on South Fork from the junction of the forks to Guignards Landing.

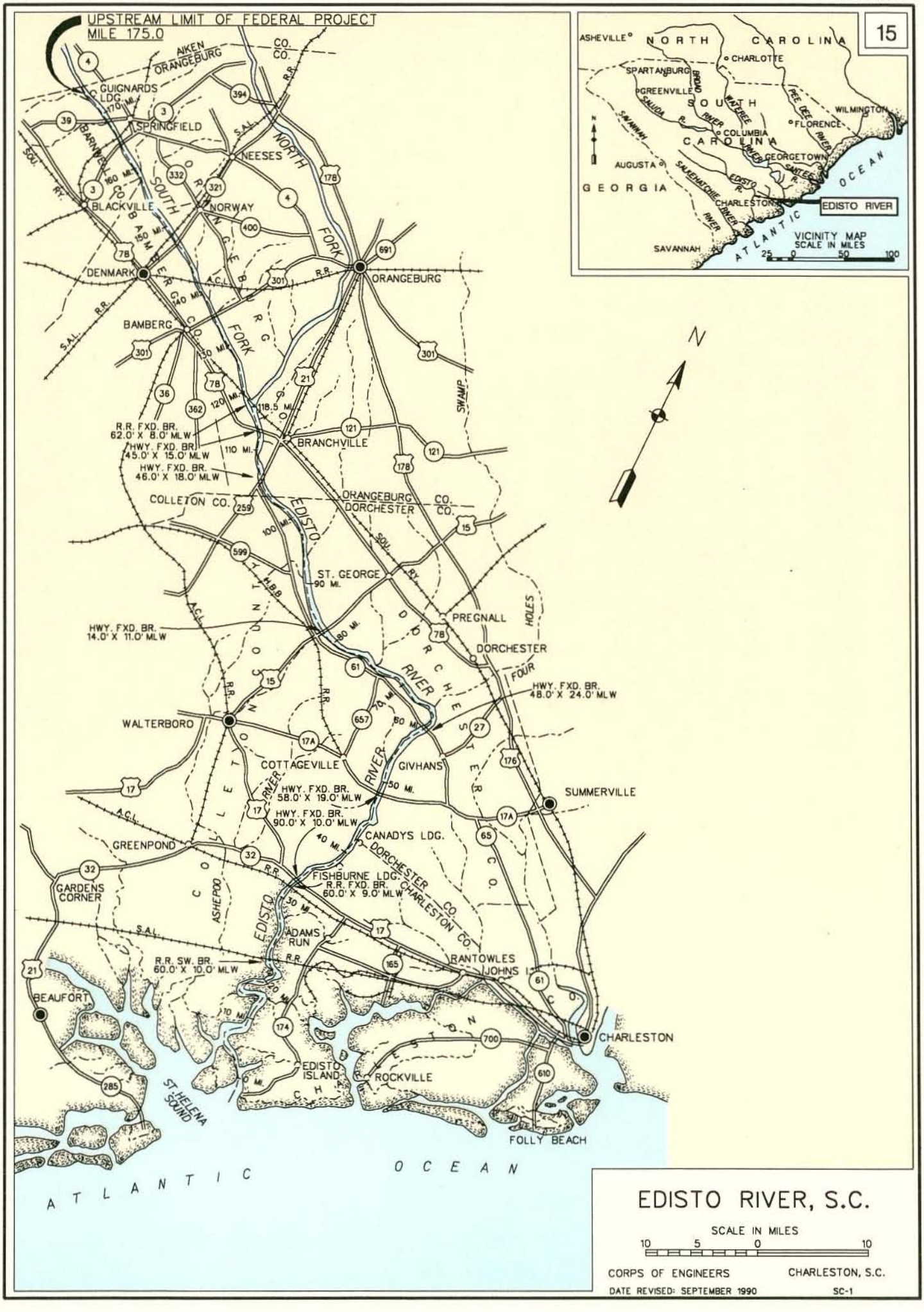
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The project was completed in 1896.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 33,103	--	$ 33,103
Maintenance	1,510	--	1,510
Total	34,613	--	34,613

TIDAL RANGE: The mean range tide at Edisto Marina is 5.9 above mean low water and 1.9 feet above mean low water at Jacksonboro.



EDISTO RIVER, S.C.

SCALE IN MILES
10 5 0 10

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-1

RESERVED FOR FUTURE USE

RESERVED FOR FUTURE USE

LYNCHES RIVER AND CLARK CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The four-feet depth project was authorized by the River and Harbor Act of 1888.

PROJECT: Provides for clearing a channel in Clark Creek to afford an outlet for Lynches River.

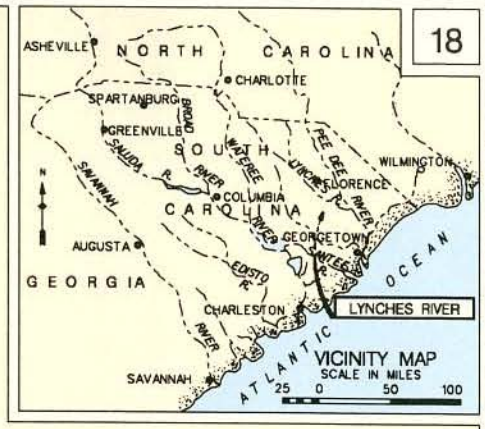
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Project complete. Abandonment recommended in 1926 (H. Doc. No. 467, 69th Cong. 1st sess.) Reactivated in early FY 80. Local interest requested that channel be snagged and cleared for a 12-mile reach from Hwy. 41 (Mile 12.0) Johnsonville, SC, to its confluence with the Pee Dee River (Mile 0.0). This work was completed April 1981.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 9,500	--	$ 9,500
Maintenance	84,620	--	84,620
Total	94,120	--	94,120

TIDAL RANGE: Tidal influence is not felt.



LYNCHES RIVER AND CLARK CREEK, S.C.

SCALE IN MILES
1 0 1 2 3 4 5

CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC-6

RESERVED FOR FUTURE USE

SALKEHATCHIE RIVER, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by the River and Harbor Act of 1880, H. Doc. No. 23, 46th Cong., 1st session.

PROJECT: Provides for the removal of sunken logs, snags, trees and similar obstructions, in such manner as to provide a clear channel for rafts and flatboats, from a point 5 miles above Toby's Bluff down to Hickory Hill.

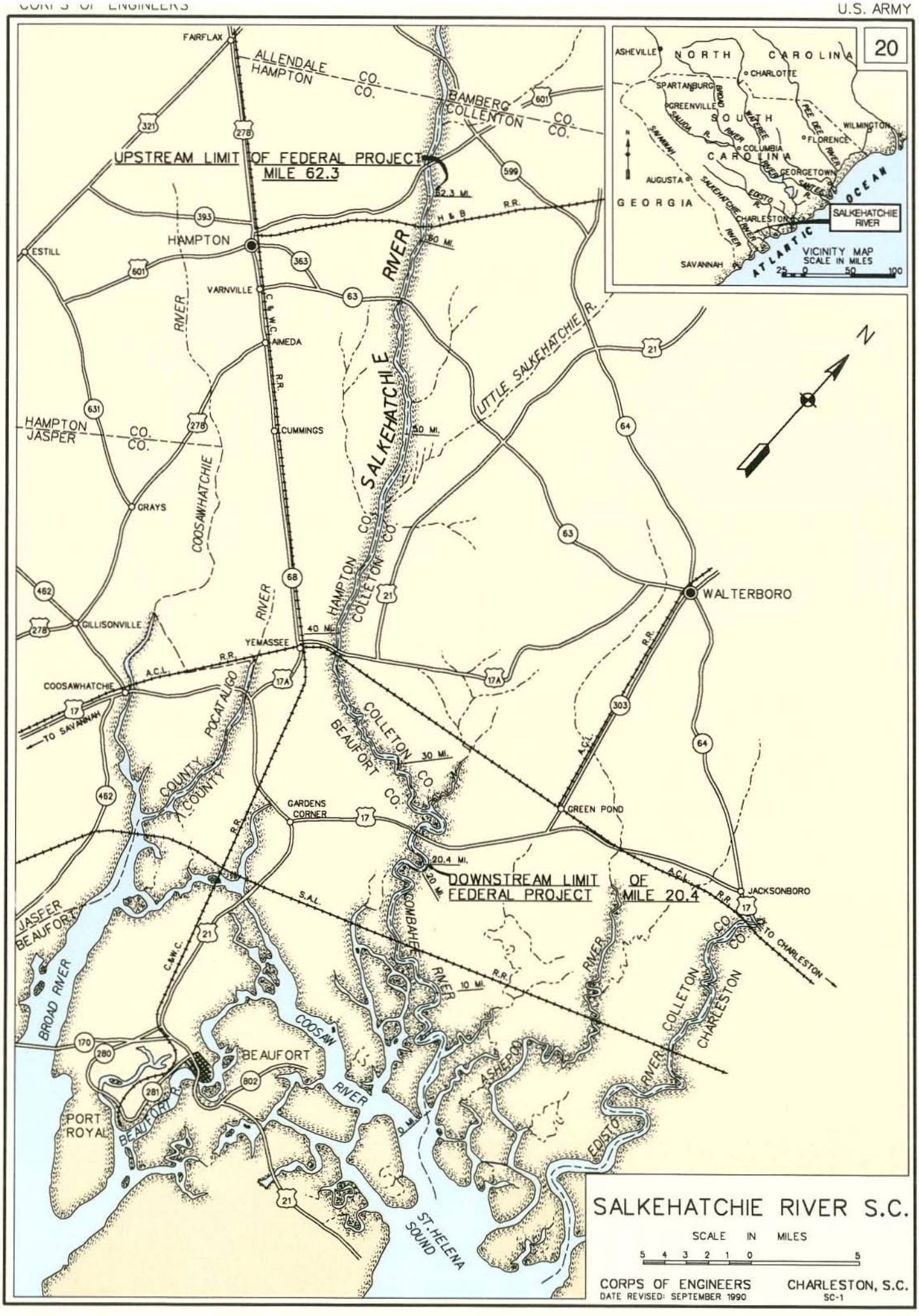
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The project was completed in 1896. Abandonment recommended in 1926 (H. Doc. No. 467, 69th Cong., 1st session).

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 15,841	--	$ 15,841
Maintenance	780	--	780
Total	16,621	--	16,621

TIDAL RANGE: The mean range of tide is 7.2 feet at the mouth of the river.



20

SALKEHATCHIE RIVER S.C.

SCALE IN MILES

5 4 3 2 1 0 5

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-1

WATEREE RIVER, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was adopted by the River and Harbor Act of March 3, 1881 - 46th Cong., 2d sess, and the Annual Report for 1880.

PROJECT: Provides for a 4-foot navigation channel from the mouth of the river to Camden, South Carolina, a distance of 67 miles.

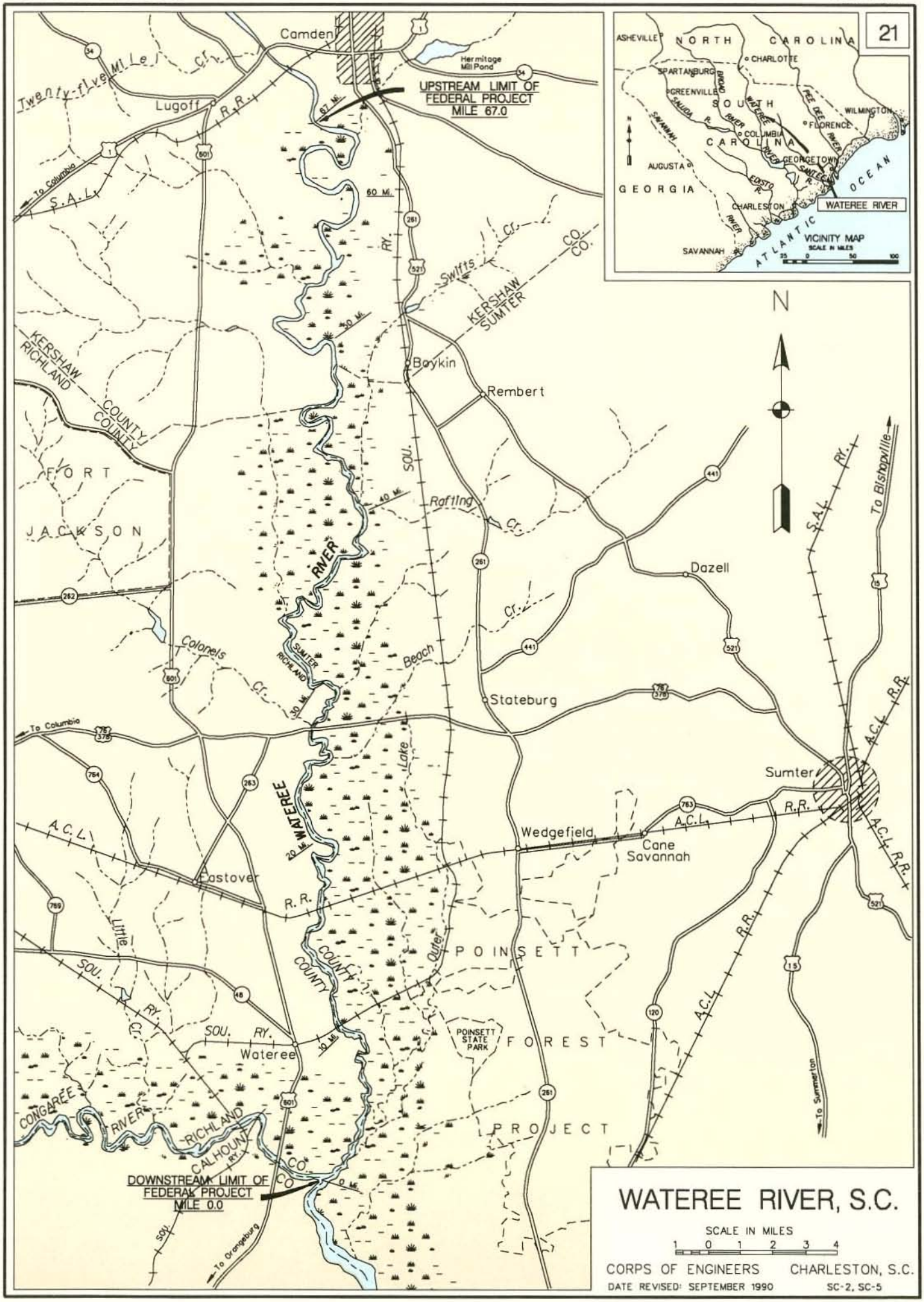
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Project completed in 1939. Abandonment was recommended by House Document No. 805, 64th Cong., 1st session.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 60,000	--	$ 60,000
Maintenance	152,609	--	152,609
Total	212,609	--	212,609

TIDAL RANGE: Tidal influence is not felt.


21
VICINITY MAP
SCALE IN MILES
25 0 50 100
ASHEVILLE
NORTH CAROLINA
CHARLOTTE
SPARTANBURG
GREENVILLE
SOUTH CAROLINA
COLUMBIA
FLORENCE
WILMINGTON
GEORGETOWN
CHARLESTON
AUGUSTA
GEORGIA
SAVANNAH
ATLANTIC OCEAN
WATEREE RIVER
Camden
Hermitage Mill Pond
UPSTREAM LIMIT OF FEDERAL PROJECT MILE 67.0
Twenty-five Mile Cr.
Lugoff
S.A.L.
To Columbia
Boykin
Rembert
Swifts Cr.
KERSHAW SUMTER CO.
KERSHAW RICHLAND COUNTY
FORT JACKSON
SOU. RY.
Rafting Cr.
Dazell
To Bishopville
S.A.L. RY.
Colonels Beach Cr.
SUMTER RICHLAND
WATEREE RIVER
Stateburg
Lake
Sumter
A.C.L. R.R.
Wedgefield
Cane Savannah
Eastover
Little
Outer
POINSETT COUNTY
POINSETT STATE FOREST
Wateree
CONGAREE RIVER
RICHLAND
CALHOUN CO.
DOWNSTREAM LIMIT OF FEDERAL PROJECT MILE 0.0
To Orangeburg
To Summerton
PROJECT
N
WATEREE RIVER, S.C.
SCALE IN MILES
1 0 1 2 3 4
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC-2, SC-5

RESERVED FOR FUTURE USE

PORT ROYAL HARBOR, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by the River and Harbor Act approved September 3, 1954, in accordance with plans contained in H. Doc. 469, 81st Cong., 2d session.

PROJECT: Provides for a channel from the ocean through Port Royal Sound to Ports Royal, South Carolina, 27 feet deep and 500 feet wide across the ocean bar and in Port Royal Sound for approximately 13.2 miles, thence 24 feet deep and 300 feet wide in Beaufort River and Battery Creek for approximately 7.5 miles to and including a turning basin 27 feet deep and 600 feet wide opposite the wharf of the South Carolina State Port Authority.

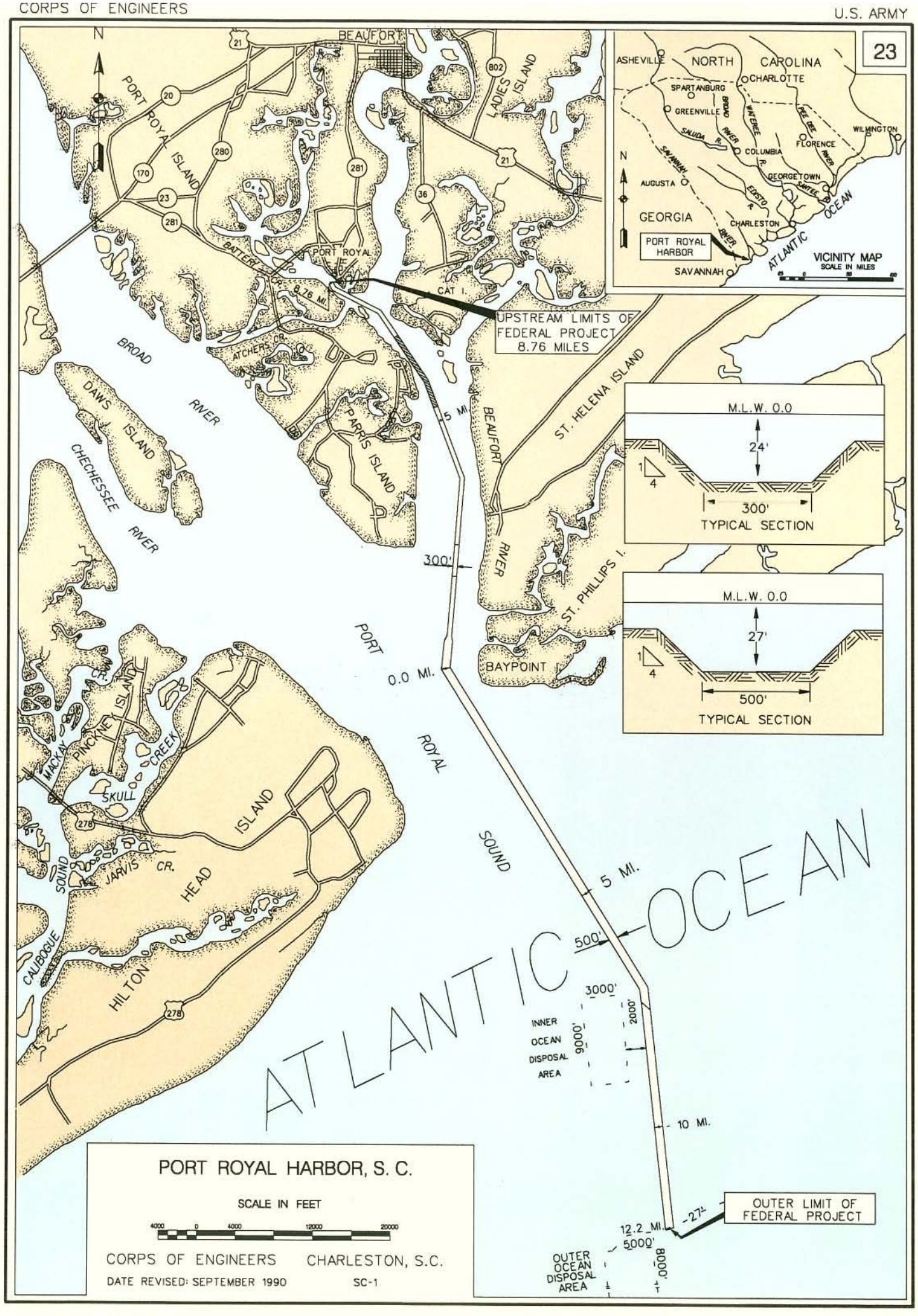
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: That part of the project providing for a 24-foot channel and a 27-foot turning basin at the head of the project was completed in June 1956. The project was completed in May 1959.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 1,786,100	--	$ 1,786,100
Maintenance	9,353,830	--	9,353,830
Total	11,139,930	--	11,139,930

TIDAL RANGE: The mean range of tide on the bar (Martin's Industry) is 6.4 feet above mean low water and at Port Royal (Battery Creek), SC, the mean range of tide is 7.4 feet above mean low water.


23
N
BEAUFORT
PORT ROYAL ISLAND
LADIES ISLAND
PORT ROYAL
BATTERY CR.
8.76 MI.
CAT I.
UPSTREAM LIMITS OF FEDERAL PROJECT 8.76 MILES
ATCHER CR.
BROAD RIVER
DAWS ISLAND
PARRIS ISLAND
CHECHESSEE RIVER
5 MI
BEAUFORT RIVER
ST. HELENA ISLAND
ST. PHILLIPS I.
BAYPOINT
300'
PORT ROYAL SOUND
0.0 MI.
MACKAY CR.
PINCKNEY ISLAND
CREEK
SKULL
JARVIS CR.
HEAD ISLAND
CALIBOGUE SOUND
HILTON
ATLANTIC OCEAN
5 MI.
500'
3000'
2000'
9000'
INNER OCEAN DISPOSAL AREA
10 MI.
12.2 MI.
5000'
8000'
OUTER OCEAN DISPOSAL AREA
-27'
OUTER LIMIT OF FEDERAL PROJECT
ASHEVILLE
NORTH CAROLINA
CHARLOTTE
SPARTANBURG
GREENVILLE
BROAD R.
SALUDA R.
SAVANNAH R.
WATEREE R.
PEE DEE R.
WILMINGTON
FLORENCE
COLUMBIA
AUGUSTA
GEORGETOWN
SANTEE R.
EDISTO R.
GEORGIA
CHARLESTON
PORT ROYAL HARBOR
SAVANNAH
ATLANTIC OCEAN
VICINITY MAP
SCALE IN MILES
M.L.W. 0.0
24'
1
4
300'
TYPICAL SECTION
M.L.W. 0.0
27'
1
4
500'
TYPICAL SECTION
PORT ROYAL HARBOR, S. C.
SCALE IN FEET
4000 0 4000 12000 20000
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC-1

AQUATIC PLANT CONTROL

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

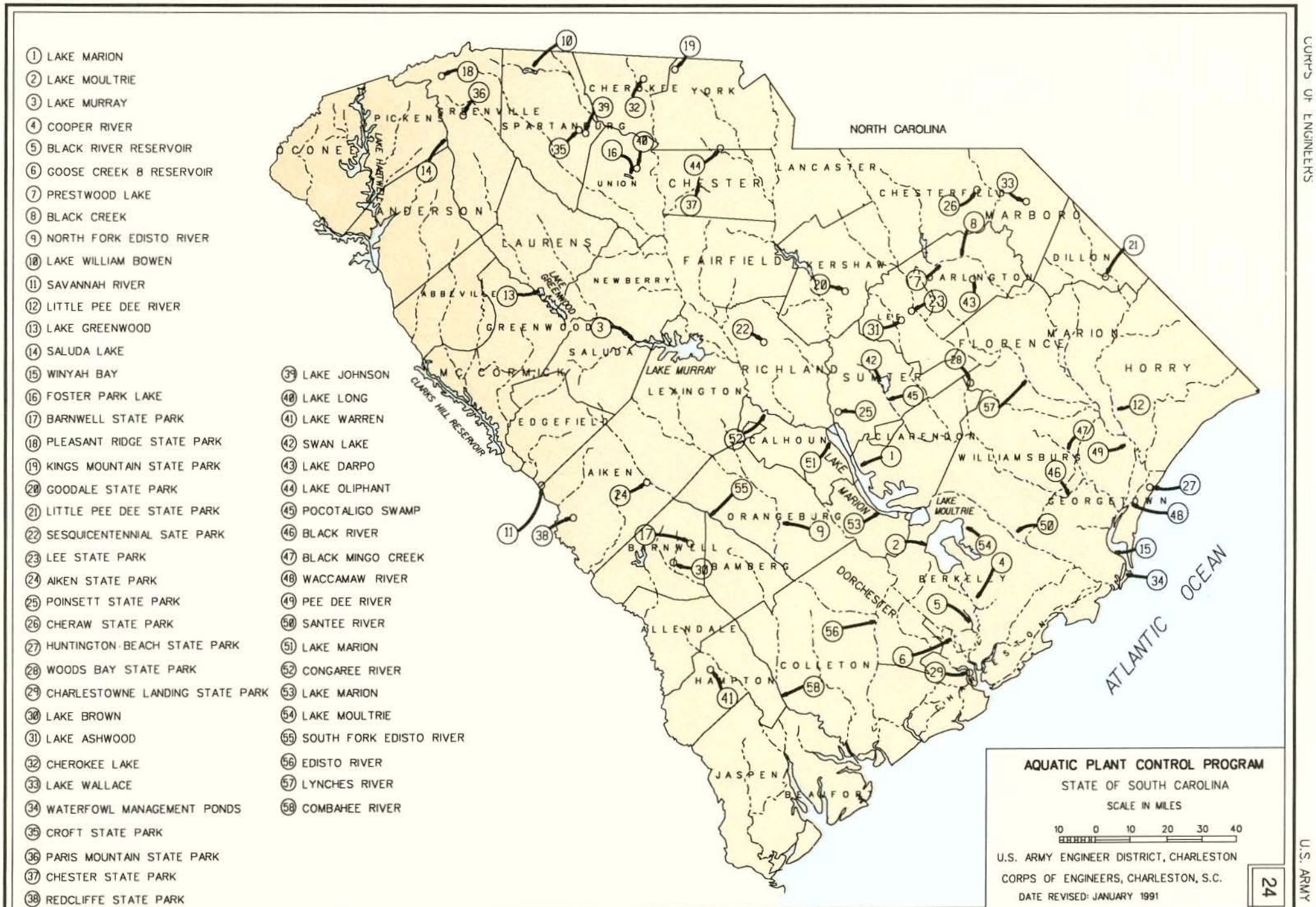
AUTHORIZATION: The project was authorized by the the River and Harbor Act of October 27, 1965, Section 302.

PROJECT: Provides for control and progrssive eradication of water hyacinth, alligator week, Eruasian water-milfoil, and other noxious aquatic plant growths from navigable waters, tributary streams, connecting channels, and other allied waters of the U.S., in combined interest of navigation, flood control, drainage, agriculture, fish and wildlife conservation, public health and related purposes, including continued research for development of most effective and economic control measures in cooperation with other Federal and state agencies.

LOCAL COOPERATION: Requirements fully satisfied.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 5,248,326	$ 52,028	$ 5,300,354
Maintenance	--	--	--
Total	5,248,326	52,028	5,300,354



HUNTING ISLAND BEACH, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by the River and Harbor Act of 27 October 1965 (See HD 323/88/2) and the Water Resources Development Act (WRDA) of October 22, 1976 (PL 94-587).

PROJECT: This project provides for construction of a terminal groin having a length of 840 feet with stone end protection located some 1,900 feet north of a 10,000-foot feeder beach. It provides, for the authorized 10,000-foot feeder beach, an initial nourishment of 750,000 cubic yards of sand, and expected renourishment at the rate of 250,000 cubic yards a year. WRDA of 1976 extended periodic nourishment from 10 to 15 years.

LOCAL COOPERATION: Requirements fully satisfied. The state contributed 30 percent of construction costs.

PROGRESS: Initial placement was completed 15 December 1968 and the terminal groin was completed 12 November 1968 except for additional stone required at its toe for scour protection, placement of which was completed 25 June 1969. First renourishment (761,324 cubic yards) of the feeder beach was begun in May 1971, and was completed on 18 August 1971. The second renourishment (in excess of 477,000 cubic yards) was begun in April 1975 and was completed on 17 June 1975. The third renourishment (in excess of 924,000 cubic yards) was begun in January 1980 and completed on 30 April 1980.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 2,872,717	$ 1,249,336	$ 4,122,053
Maintenance	--	--	--
Total	2,872,717	1,249,336	4,122,053

25

HUNTING ISLAND BEACH, S.C.

SCALE IN FEET

1000 0 5000

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC - 1

VILLAGE CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by Section 107 of the 1960 River and Harbor Act, as amended on 24 November 1965 by Chief of Engineers under the Authorization of Section 107 of River and Harbor Act of 1960, as amended.

PROJECT: Provides for a channel 8 feet deep and 80 feet wide from that depth in the Morgan River to the Porpoise Fish Company terminal, a distance of 2.2 miles.

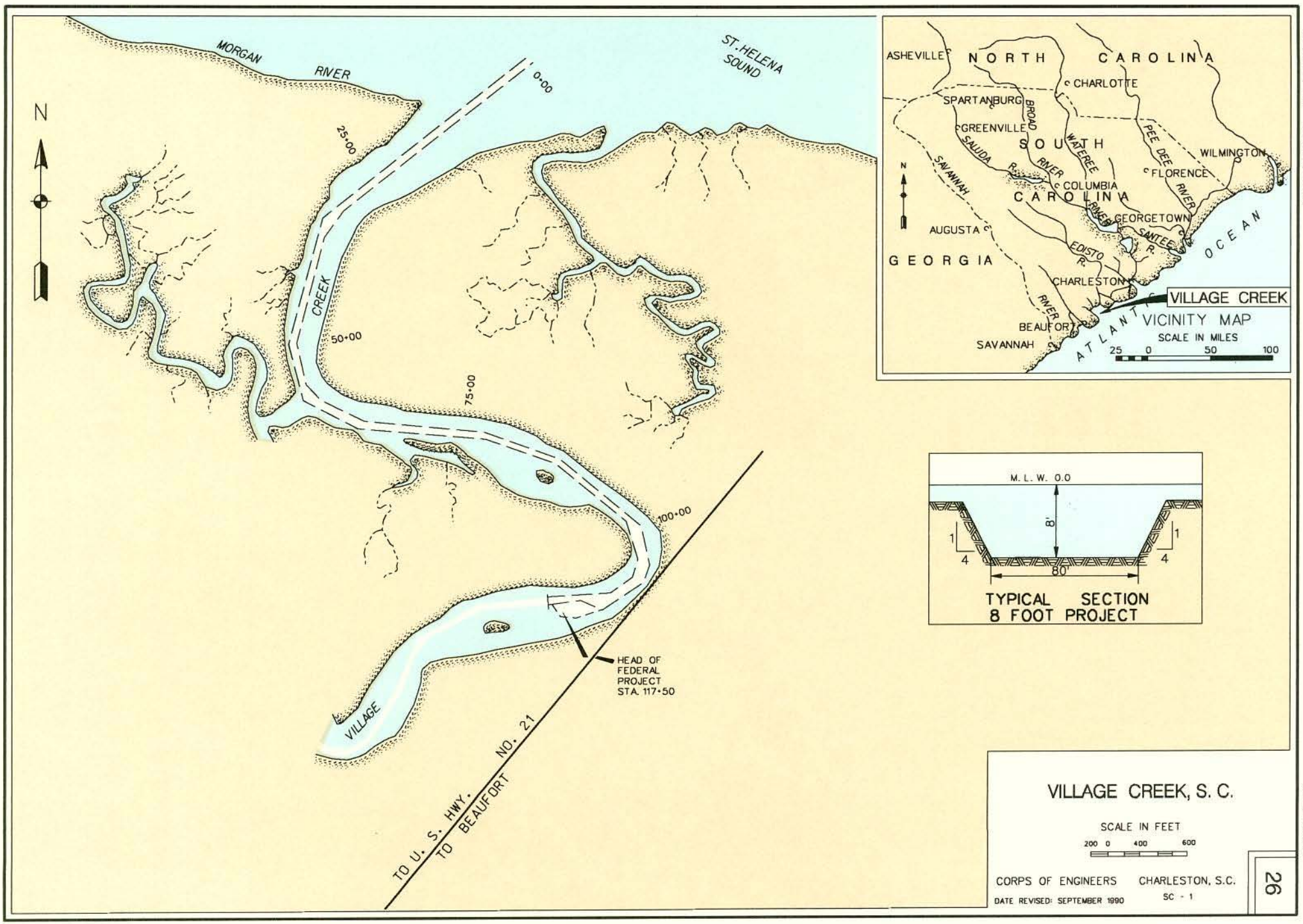
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The project was completed in April 1966.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 26,500	--	$ 26,500
Maintenance	110,339	--	110,339
Total	136,839	--	136,839

TIDAL RANGE: The mean range of tide is 6.5 feet above mean low water, and 6.8 feet above mean low water at the entrance to Village Creek in Morgan River.



COOPER RIVER, CHARLESTON HARBOR, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized under the River and Harbor Act of 1968, P.L. 90-483, Senate Document 88.

PROJECT: This project provides for construction of a diversion canal (approx. 9.5 miles) from Lake Moultrie which returns approximately 70 percent of the freshwater back into the Santee River. Water rediverted to the Santee River generates electrical energy at an 84,000 kwh hydroelectric power plant located midway on the canal.

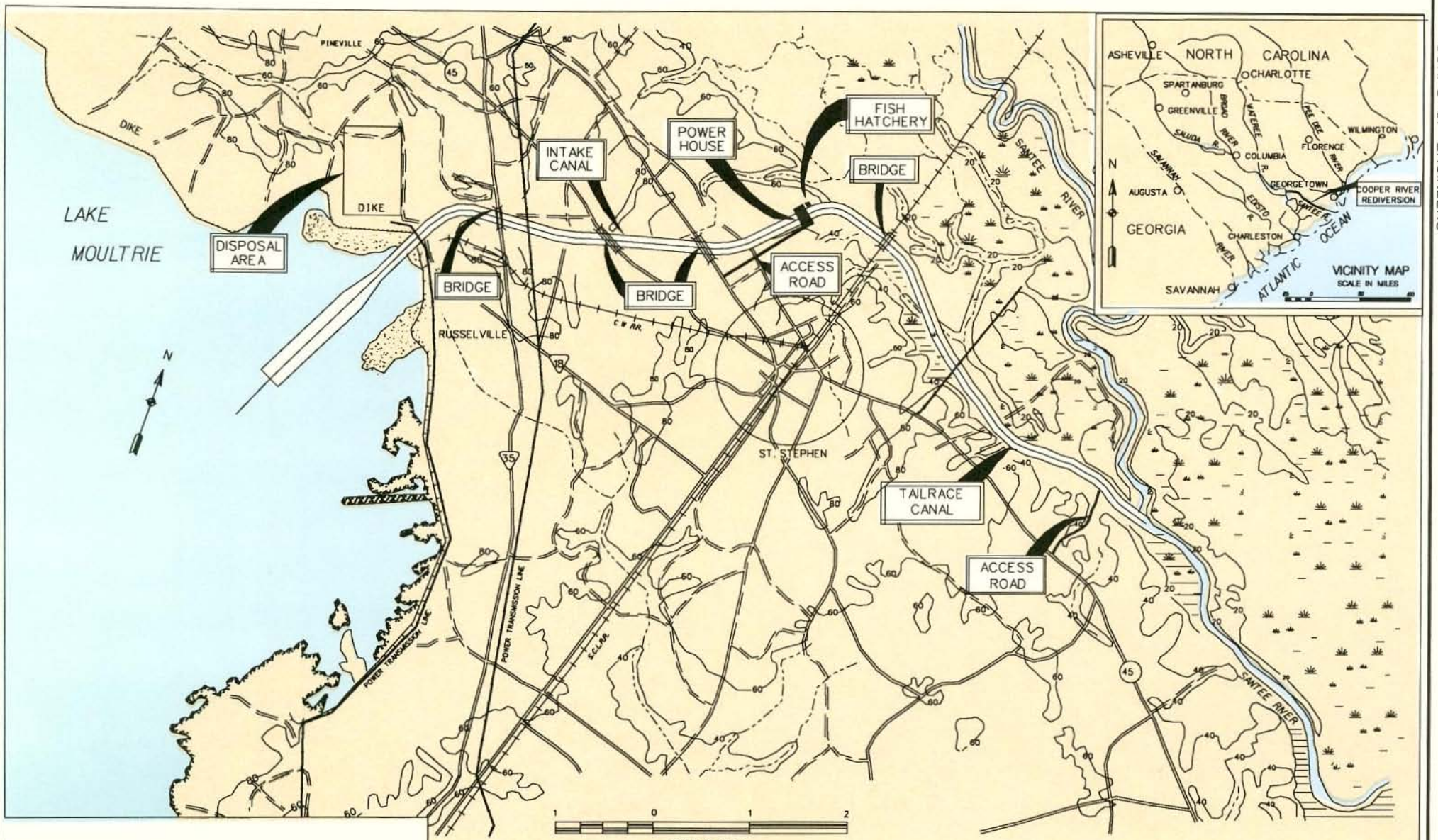
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Preconstruction planning was completed at the end of Fiscal Year 1974. Construction start funds were appropriated in Fiscal Year 1975. Construction was initiated in March 1977. The project was physically completed and placed in operation in the spring of 1985. The administrative aspects of the construction efforts have not been finalized due to several large claims by the Powerhouse contractor and an outstanding letter of credit with the S. C. Highway Department allowing for the four-laning of the U.S. Highway 52 bridge if begun by 28 May 2001.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 196,873,971	--	$ 196,873,971
Maintenance	22,705,421	--	22,705,421
Total	219,579,392	--	219,579,392

TIDAL RANGE: Tidal influence is not felt at St. Stephen site; however, project itself covers the Cooper River down into the harbor. The tides do impact project features & flows.

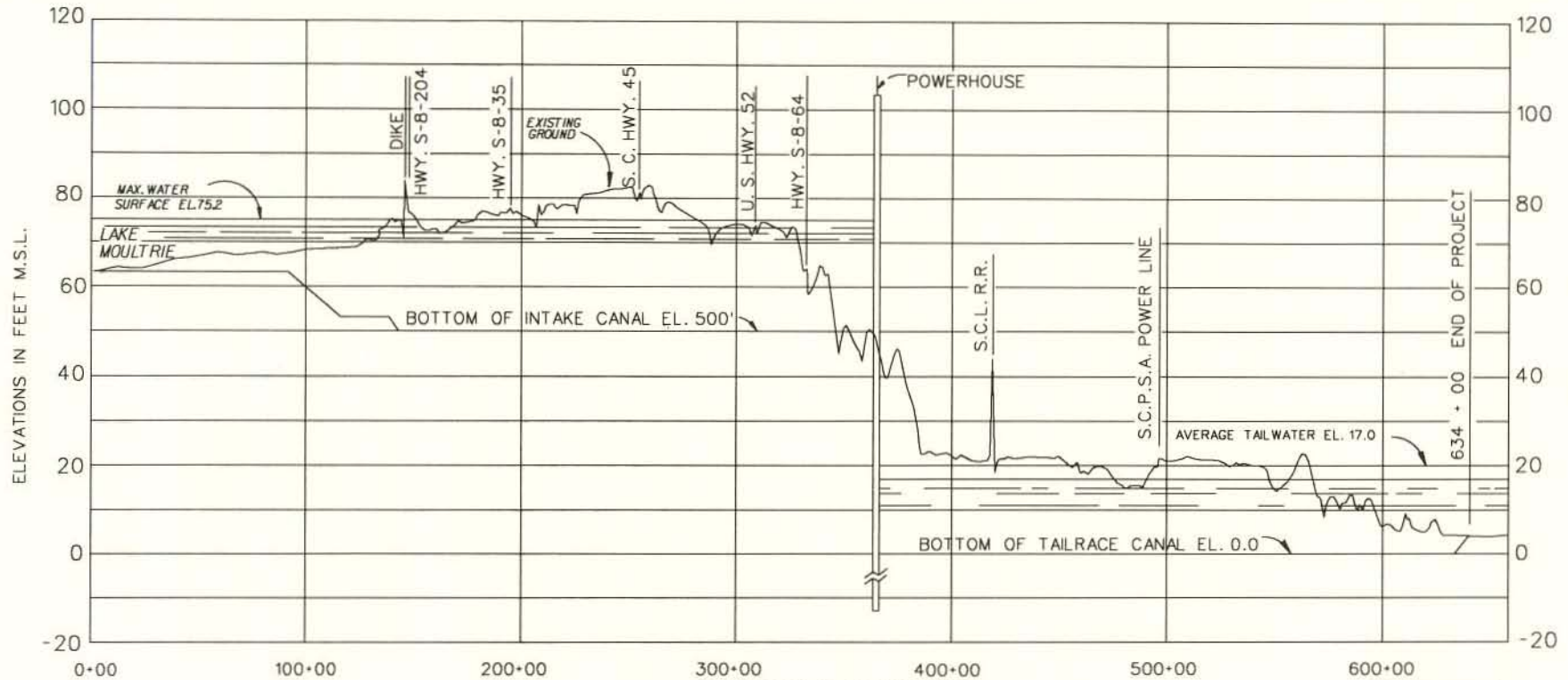


COOPER RIVER, CHARLESTON HARBOR,
SOUTH CAROLINA

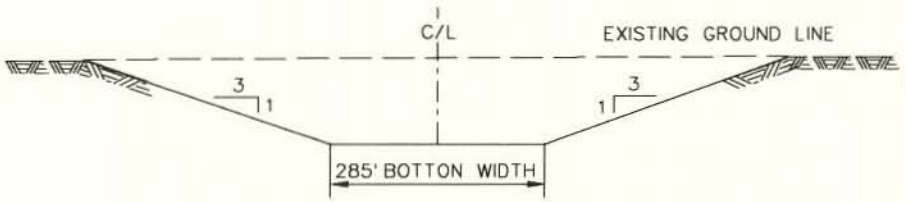
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC - 6

PLAN

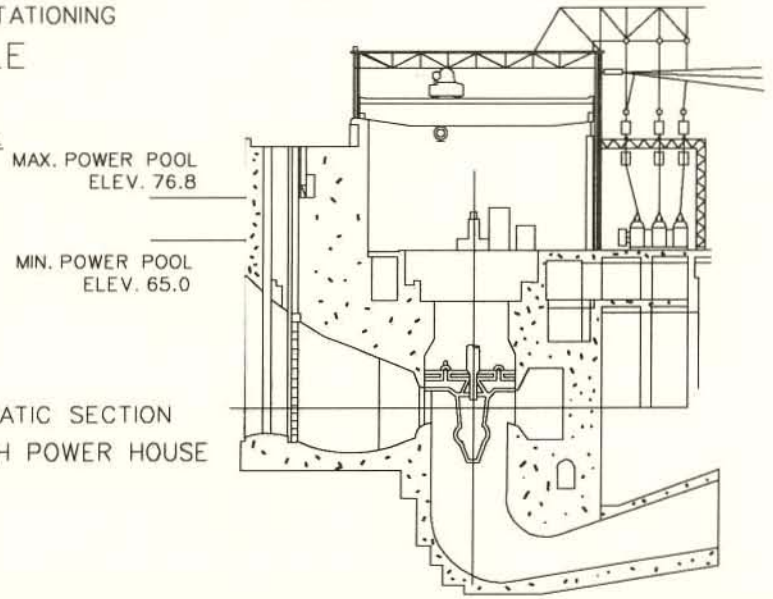
27A



PROFILE



TYPICAL CANAL SECTION
N. T. S.



SCHEMATIC SECTION
THROUGH POWER HOUSE

COOPER RIVER, CHARLESTON HARBOR, SOUTH CAROLINA

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC - 6

CORPS OF ENGINEERS

U.S. ARMY

27B

RESERVED FOR FUTURE USE

ADAMS CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized on 24 September 1969 under Section 107 of the 1960 River and Harbor Act, as amended.

PROJECT: Provides for a channel 10 feet deep by 80 feet wide, a distance of approximately 1.45 miles long with a turning basin at the upper end.

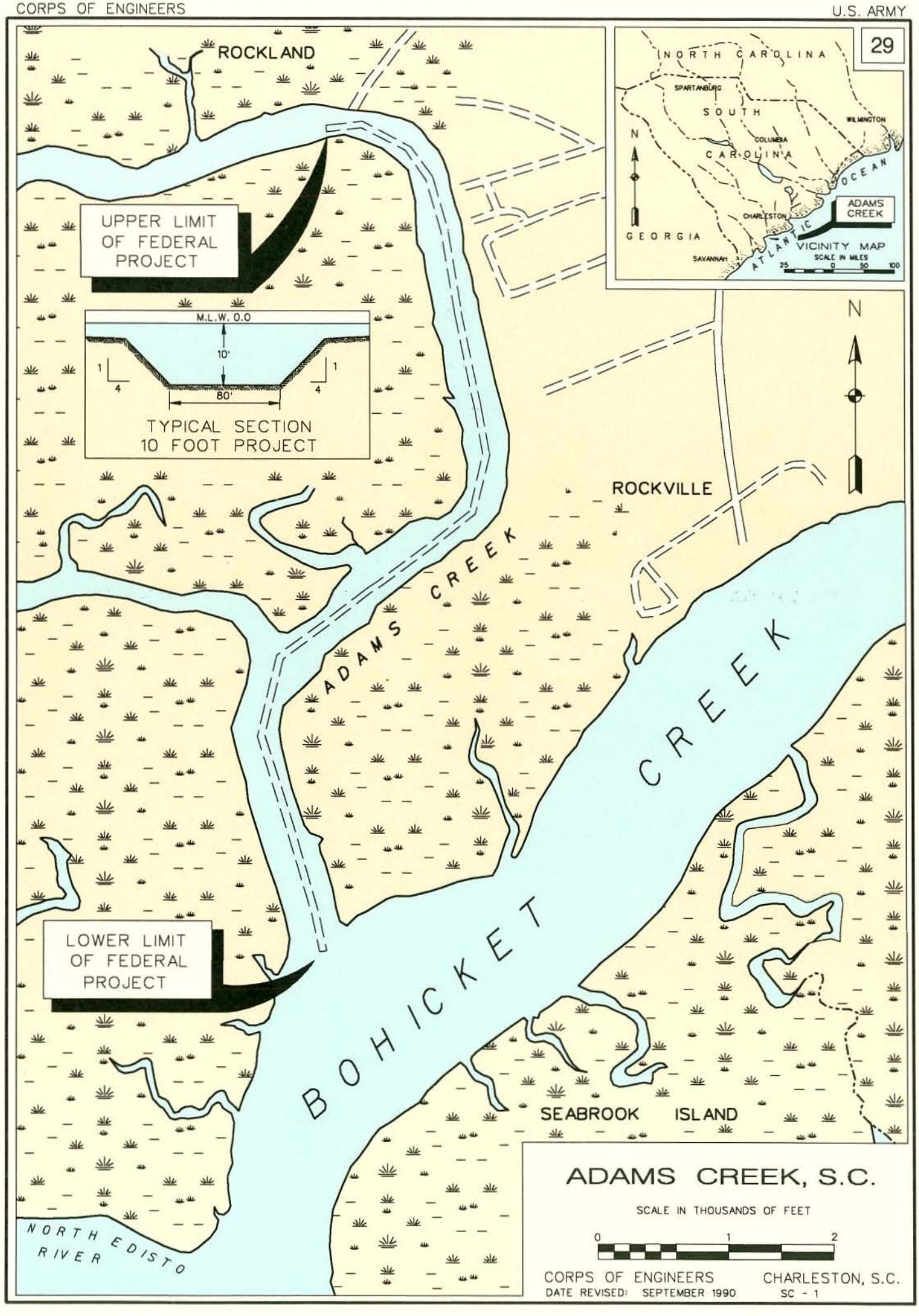
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Construction completed in February 1973.

COST TO DATE:

	Federal	Non Federal	Total
New Work	$ 125,697	--	$ 125,697
Maintenance	27,061	--	27,061
Total	$ 152,758	--	$ 152,758

TIDAL RANGE: The mean tide range at Rockville, Bohicket Creek is 5.7 feet above mean low water.


29
ROCKLAND
UPPER LIMIT OF FEDERAL PROJECT
M.L.W. 0.0
10'
1
4
1
4
80'
TYPICAL SECTION
10 FOOT PROJECT
NORTH CAROLINA
SPARTANBURG
SOUTH
CAROLINA
COLUMBIA
WILMINGTON
CHARLESTON
GEORGIA
SAVANNAH
ATLANTIC OCEAN
ADAMS CREEK
VICINITY MAP
SCALE IN MILES
25 0 50 100
N
ROCKVILLE
ADAMS CREEK
BOHICKET CREEK
LOWER LIMIT OF FEDERAL PROJECT
SEABROOK ISLAND
NORTH EDISTO RIVER
ADAMS CREEK, S.C.
SCALE IN THOUSANDS OF FEET
0 1 2
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC - 1

TOWN CREEK, McCLELLANVILLE, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The existing project was authorized by OCE on 12 February 1974 under Section 107 of the River and Harbor Act of 1960, as amended.

PROJECT: The project provides an entrance channel 12 feet deep by 100 feet wide across the ocean bar a distance of 4.0 miles and includes a channel 10 feet deep by 80 feet wide from the mouth of Five Fathom Creek to the AIWW, a distance of 6.2 miles.

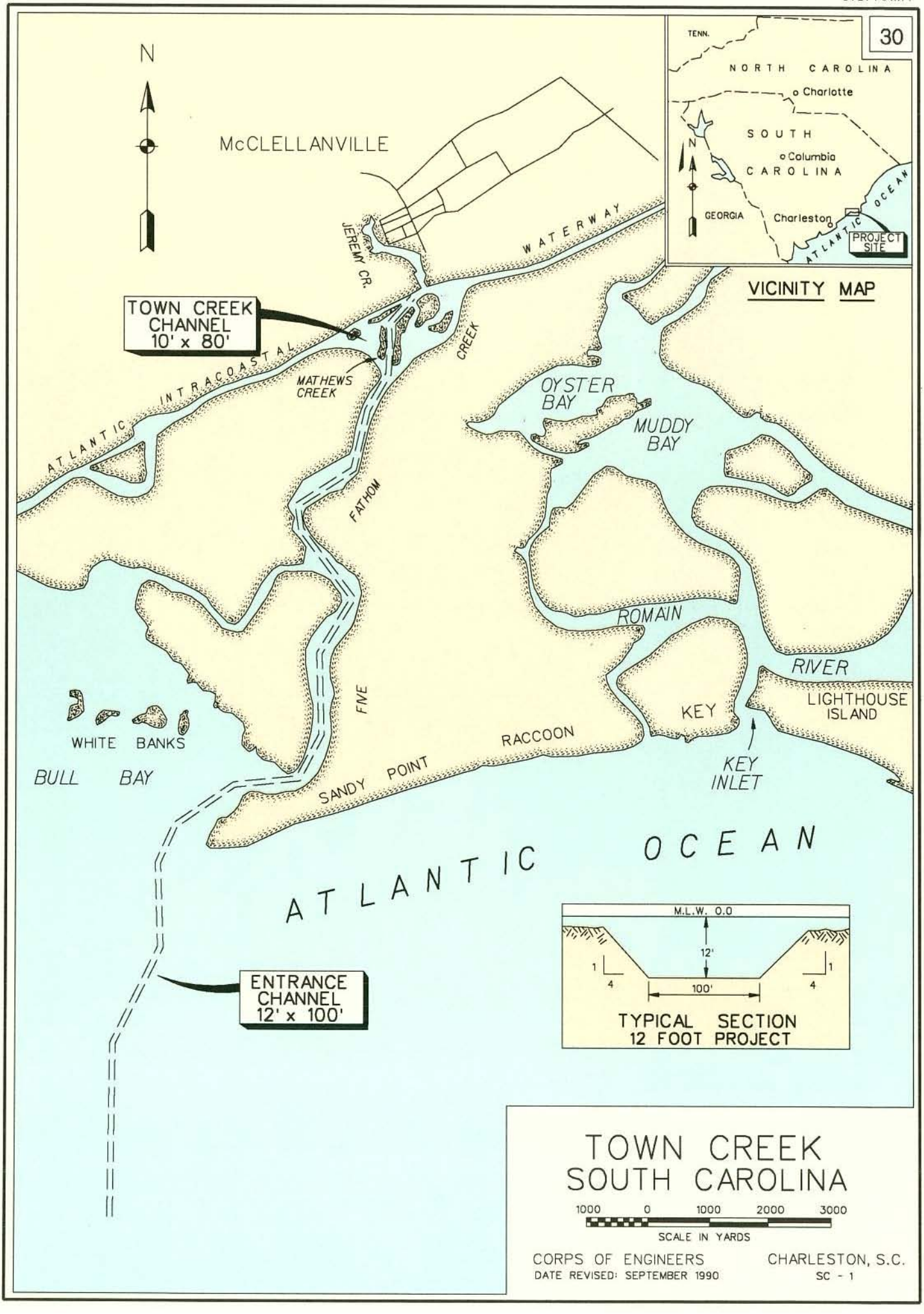
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The project was constructed in October 1974.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 219,521	$ 8,600	$ 228,121
Maintenance	4,372,538	--	4,372,538
Total	4,592,059	8,600	4,600,659

TIDAL RANGE: The mean tide range in the entrance channel (Five Fathom Creek, entrance) is 5.1 feet above mean low water.



TOWN CREEK
SOUTH CAROLINA

1000 0 1000 2000 3000

SCALE IN YARDS

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC - 1

BUCK CREEK, NC & SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 1 February 1966, under Section 205 of the 1948 Flood Contraol Act, as amended.

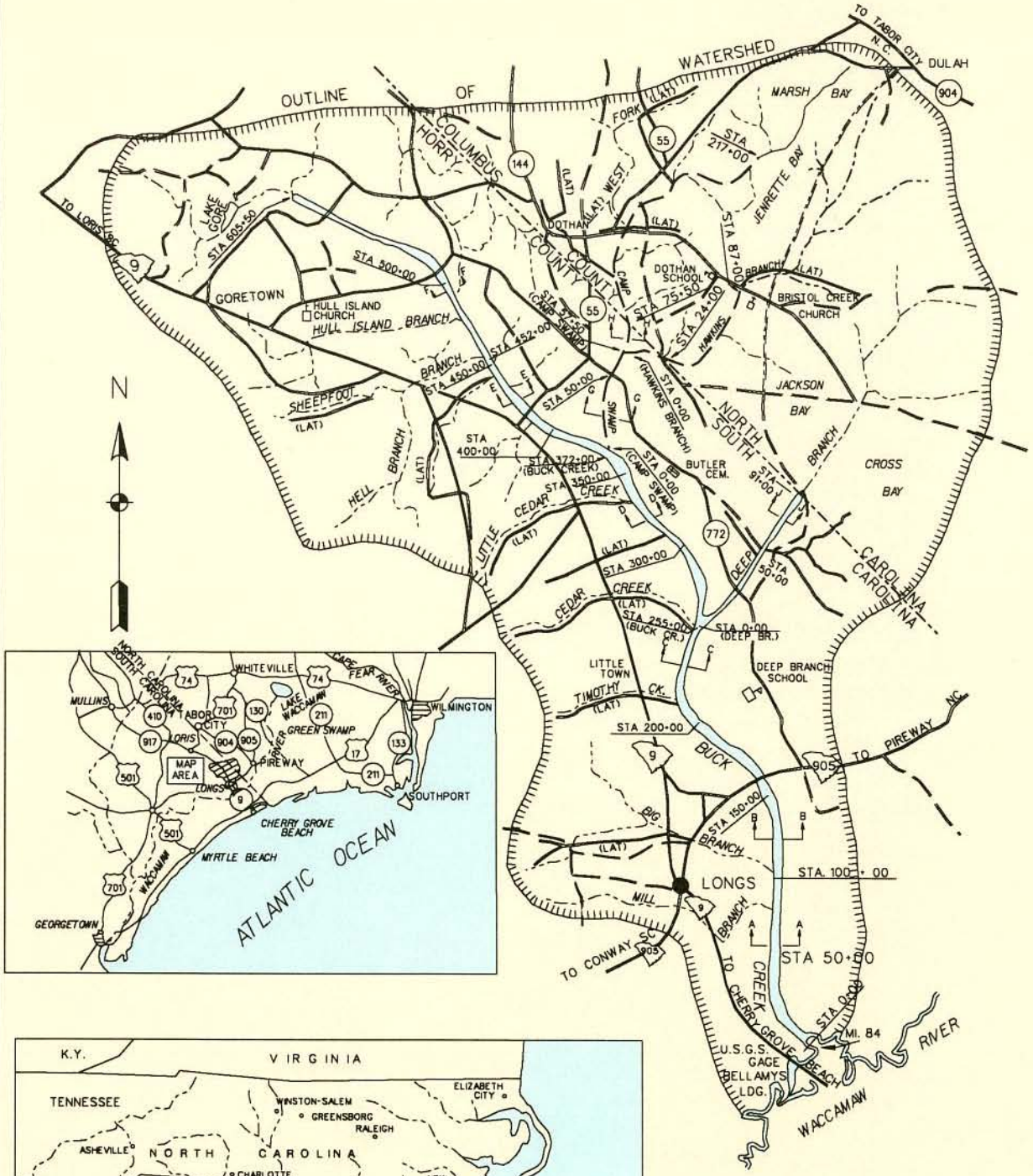
PROJECT: Provides for excavation and realignment of the existing channels on Buck Creek and its principal tributaries for a total distance of 18.94 miles with bottom widths varying from 1o to 35 feet and a depth of cut from 4 to 6 feet.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Completed 30 July 1969.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 298,167	$ 36,000	$ 334,167
Maintenance	--	--	--
Total	298,167	36,000	334,167



BUCK CREEK

1000 0 5000 10000

SCALE IN FEET

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-6

RESERVED FOR FUTURE USE

COWPEN SWAMP, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

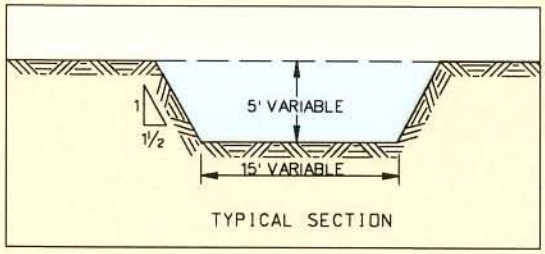
AUTHORIZATION: The project was authorized by OCE on 17 April 1958, under Section 208 of the 1954 Flood Control Act, as amended.

PROJECT: Provides for excavation and clearing from its mouth in Simpson Creek near mile 5 to 3 miles upstream.

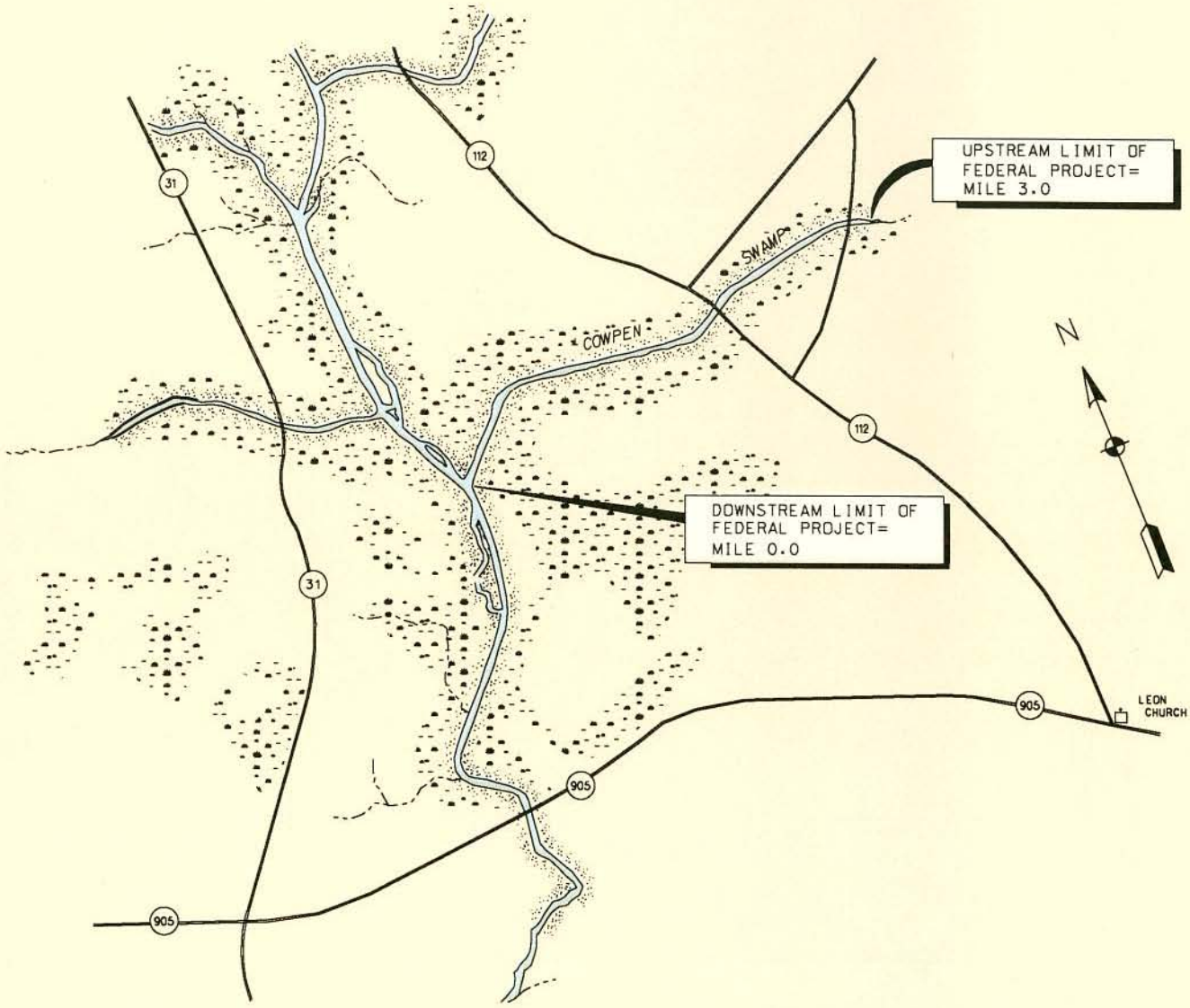
PROGRESS: Completed 24 September 1959.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 18,679	$ 18,521	$ 37,200
Maintenance	--	--	--
Total	18,679	18,521	37,200



TYPICAL SECTION



COWPEN SWAMP,S.C.

SCALE IN MILES

.5 .4 .3 .2 .1 0 .5 1.0

CORPS OF ENGINEERS
DATE REVISED: SEPTEMBER 1990

CHARLESTON, S.C.
SC-6

CRABTREE SWAMP, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 16 November 1964, under Section 208 of the 1954 Flood Control Act.

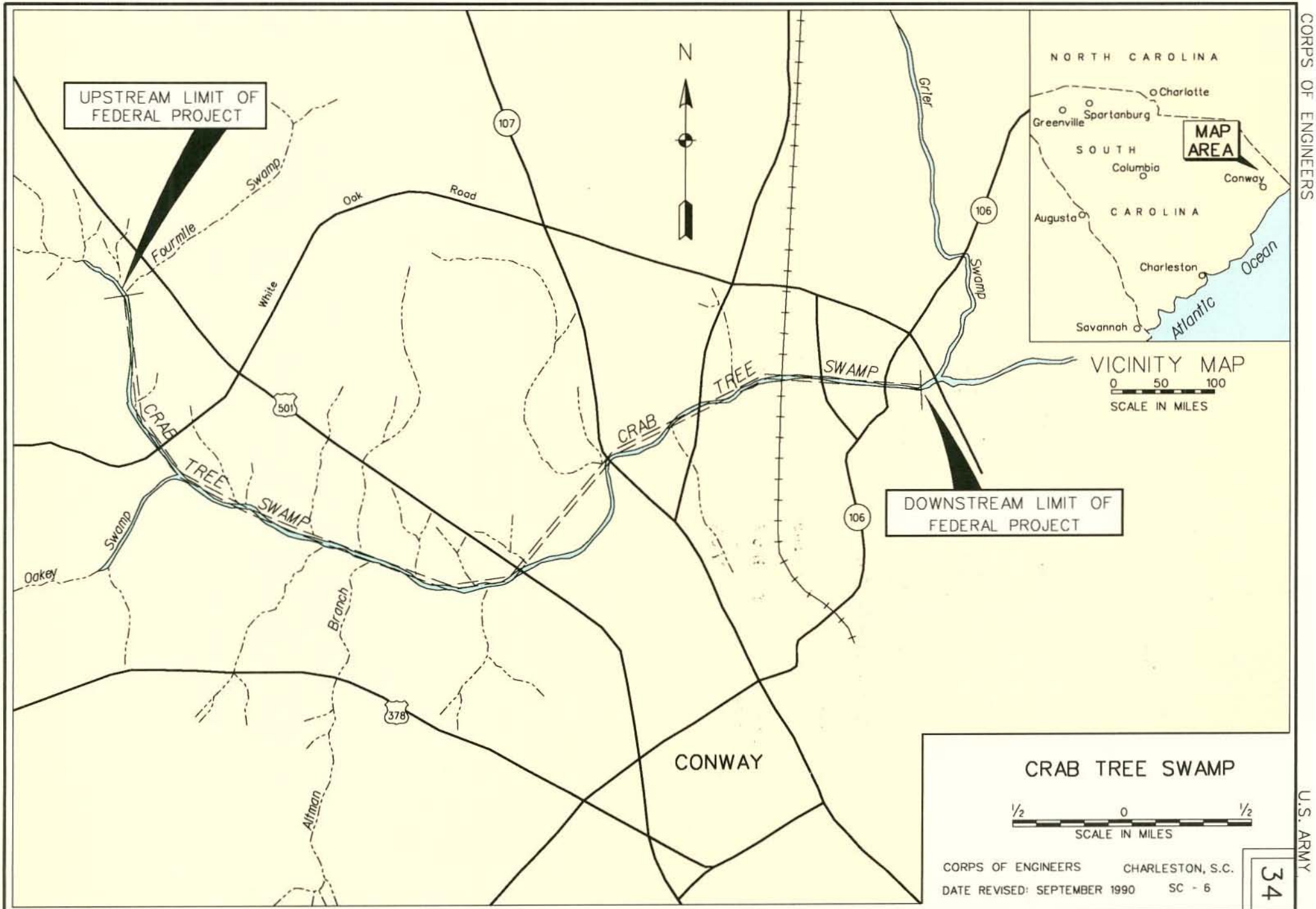
PROJECT: Provides for clearing a channel 4.5 miles long with bottom widths of 10 to 50 feet wide along Crabtree Swamp and in short reaches of Kingston Lake Swamp and Smith Lake Swamp for a total length of 1 mile by 50 feet wide.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Completed in FY 1966.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 97,000	$ 42,900	$ 139,900
Maintenance	--	--	--
Total	97,000	42,900	139,900


UPSTREAM LIMIT OF FEDERAL PROJECT
DOWNSTREAM LIMIT OF FEDERAL PROJECT
N
107
106
501
378
Fourmile Swamp
White Oak Road
CRAB TREE SWAMP
Swamp
Oakey Branch
Atman
Grier Swamp
CONWAY
NORTH CAROLINA
SOUTH CAROLINA
Charlotte
Greenville
Spartanburg
Columbia
Conway
Augusta
Charleston
Savannah
Atlantic Ocean
MAP AREA
VICINITY MAP
0 50 100
SCALE IN MILES
CRAB TREE SWAMP
½ 0 ½
SCALE IN MILES
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC - 6
34
CORPS OF ENGINEERS
U.S. ARMY

EDISTO RIVER, NORTH FORK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 1 June 1966, under Section 205 of the 1948 Flood Control Act, as amended.

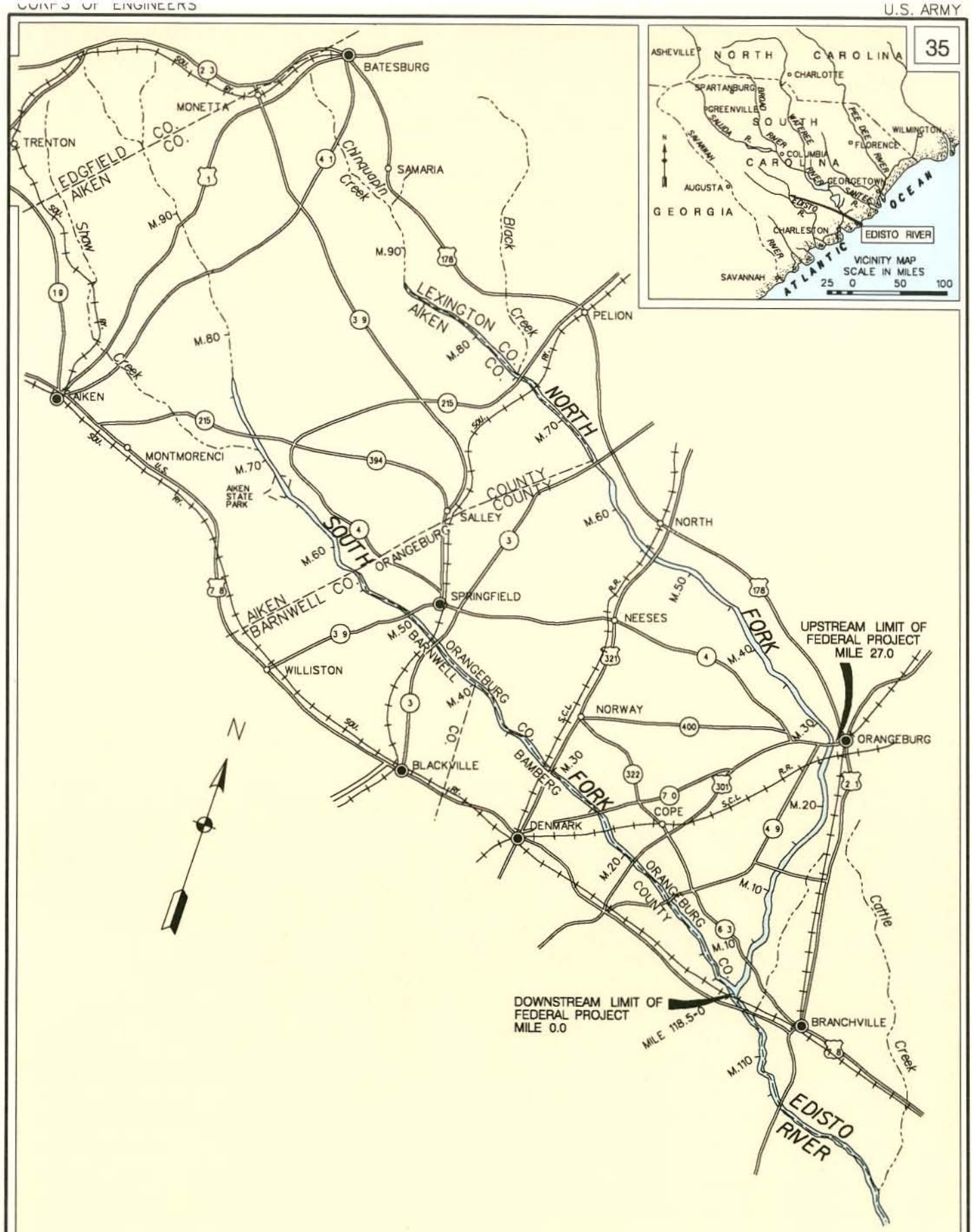
PROJECT: Provides for removal of debris, fallen tress, and alligatorweed from the North Fork between Orangeburg and the confluence with the South Fork of the Edisto River, a distance of 27 miles.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Completed 31 March 1969.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 127,660	$ 43,300	$ 170,960
Maintenance	--	--	--
Total	127,660	43,300	170,960



EDISTO RIVER, S.C.

SCALE IN MILES

4 0 4 8 12 16

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-2, SC-5

GAPWAY SWAMP, NC & SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 18 January 1966, under Section 205 of the 1948 Flood Control Act, as amended.

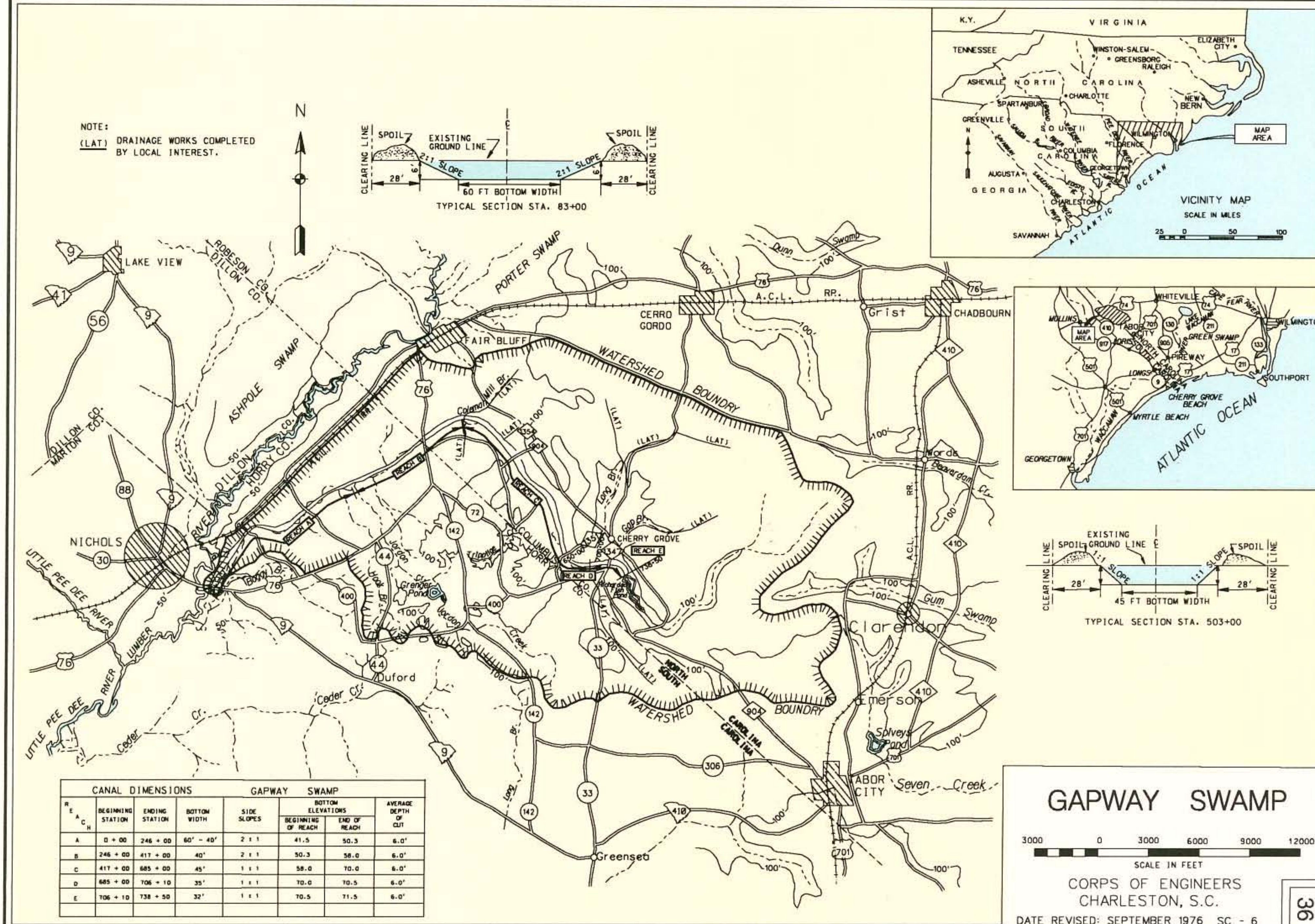
PROJECT: Provides for enlargement and realignment of the channel. The total length of improvement is 14 miles with bottom widths ranging from 32 to 60 feet.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The project was completed in FY 1968.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 339,197	$ 111,500	$ 450,697
Maintenance	--	--	--
Total	339,197	111,500	450,697



R E A C H	BEGINNING STATION	ENDING STATION	BOTTOM WIDTH	SIDE SLOPES	BOTTOM ELEVATIONS BEGINNING OF REACH	BOTTOM ELEVATIONS END OF REACH	AVERAGE DEPTH OF CUT
A	0 + 00	246 + 00	60' - 40'	2 : 1	41.5	50.3	6.0'
B	246 + 00	417 + 00	40'	2 : 1	50.3	58.0	6.0'
C	417 + 00	685 + 00	45'	1 : 1	58.0	70.0	6.0'
D	685 + 00	706 + 10	35'	1 : 1	70.0	70.5	6.0'
E	706 + 10	738 + 50	32'	1 : 1	70.5	71.5	6.0'

CANAL DIMENSIONS GAPWAY SWAMP

GAPWAY SWAMP

SCALE IN FEET: 3000 0 3000 6000 9000 12000

CORPS OF ENGINEERS
CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1976 SC - 6

RESERVED FOR FUTURE USE

SALUDA RIVER, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 17 October 1962, under Section 208 of the 1954 Flood Control.

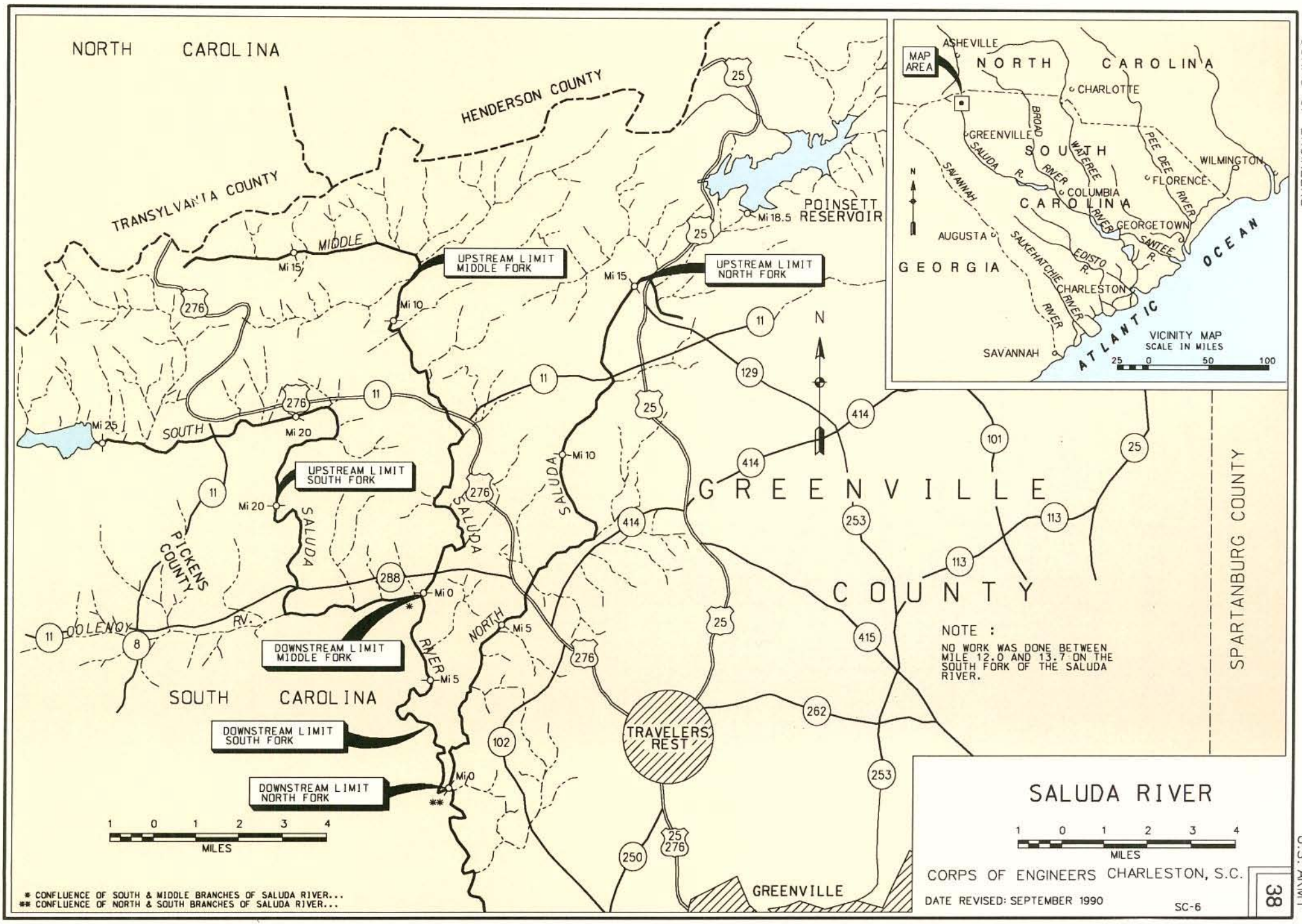
PROJECT: Provides for snagging and clearing the channel along the North Fork (15 miles), the South Fork (11 miles) and the Middle Fork (12 miles).

LOCAL COOPERATION: Requirements fully met.

PROGRESS: Completed in August 1963.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 99,000	$ 500	$99,500
Maintenance	--	--	--
Total	99,000	500	99,500


NORTH CAROLINA
HENDERSON COUNTY
TRANSYLVANIA COUNTY
POINSETT RESERVOIR
Mi 18.5
MIDDLE
Mi 15
UPSTREAM LIMIT MIDDLE FORK
Mi 10
UPSTREAM LIMIT NORTH FORK
Mi 15
SOUTH
Mi 25
Mi 20
UPSTREAM LIMIT SOUTH FORK
Mi 20
SALUDA
PICKENS COUNTY
OOLENOY
RV.
DOWNSTREAM LIMIT MIDDLE FORK
Mi 0
NORTH
Mi 5
RIVER
Mi 5
SOUTH CAROLINA
DOWNSTREAM LIMIT SOUTH FORK
DOWNSTREAM LIMIT NORTH FORK
Mi 0
**
1 0 1 2 3 4
MILES
* CONFLUENCE OF SOUTH & MIDDLE BRANCHES OF SALUDA RIVER...
** CONFLUENCE OF NORTH & SOUTH BRANCHES OF SALUDA RIVER...
Mi 10
SALUDA
GREENVILLE COUNTY
TRAVELERS REST
GREENVILLE
SPARTANBURG COUNTY
N
NOTE :
NO WORK WAS DONE BETWEEN MILE 12.0 AND 13.7 ON THE SOUTH FORK OF THE SALUDA RIVER.
MAP AREA
ASHEVILLE
NORTH CAROLINA
CHARLOTTE
GREENVILLE
SOUTH CAROLINA
BROAD RIVER
SALUDA R.
SAVANNAH RIVER
WATEREE RIVER
PEE DEE RIVER
WILMINGTON
FLORENCE
COLUMBIA
GEORGETOWN
SANTEE R.
EDISTO R.
AUGUSTA
GEORGIA
SALKEHATCHIE RIVER
CHARLESTON
ATLANTIC OCEAN
SAVANNAH
VICINITY MAP
SCALE IN MILES
25 0 50 100
SALUDA RIVER
1 0 1 2 3 4
MILES
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990
SC-6
CORPS OF ENGINEERS
U.S. ARMY
38

SAWMILL BRANCH, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

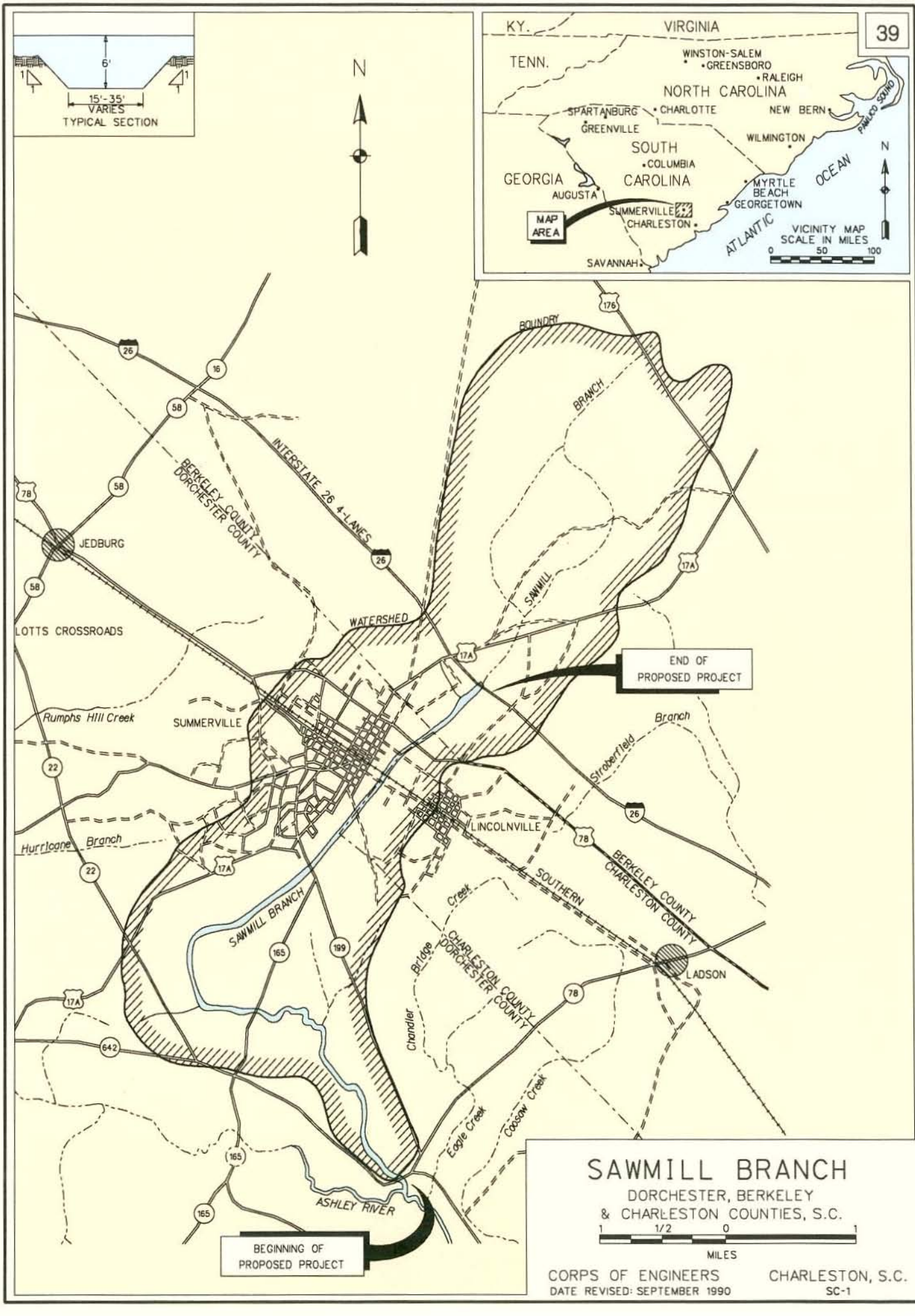
AUTHORIZATION: The project was authorized by OCE on 20 June 1968, under Section 205 of the 1948 Flood Control Act, as amended.

PROJECT: Provides 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 to a point 9.0 miles from its beginning.

PROGRESS: Completed in April 1971.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 248,605	$ 85,500	$ 334,105
Maintenance	--	--	--
Total	284,605	85,500	334,105



SAWMILL BRANCH

DORCHESTER, BERKELEY & CHARLESTON COUNTIES, S.C.

1 1/2 0 1

MILES

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-1

SHOT POUCH CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: Authorized by OCE on 15 August 1968, under Section 208 of the 1954 Flood Control Act, as amended.

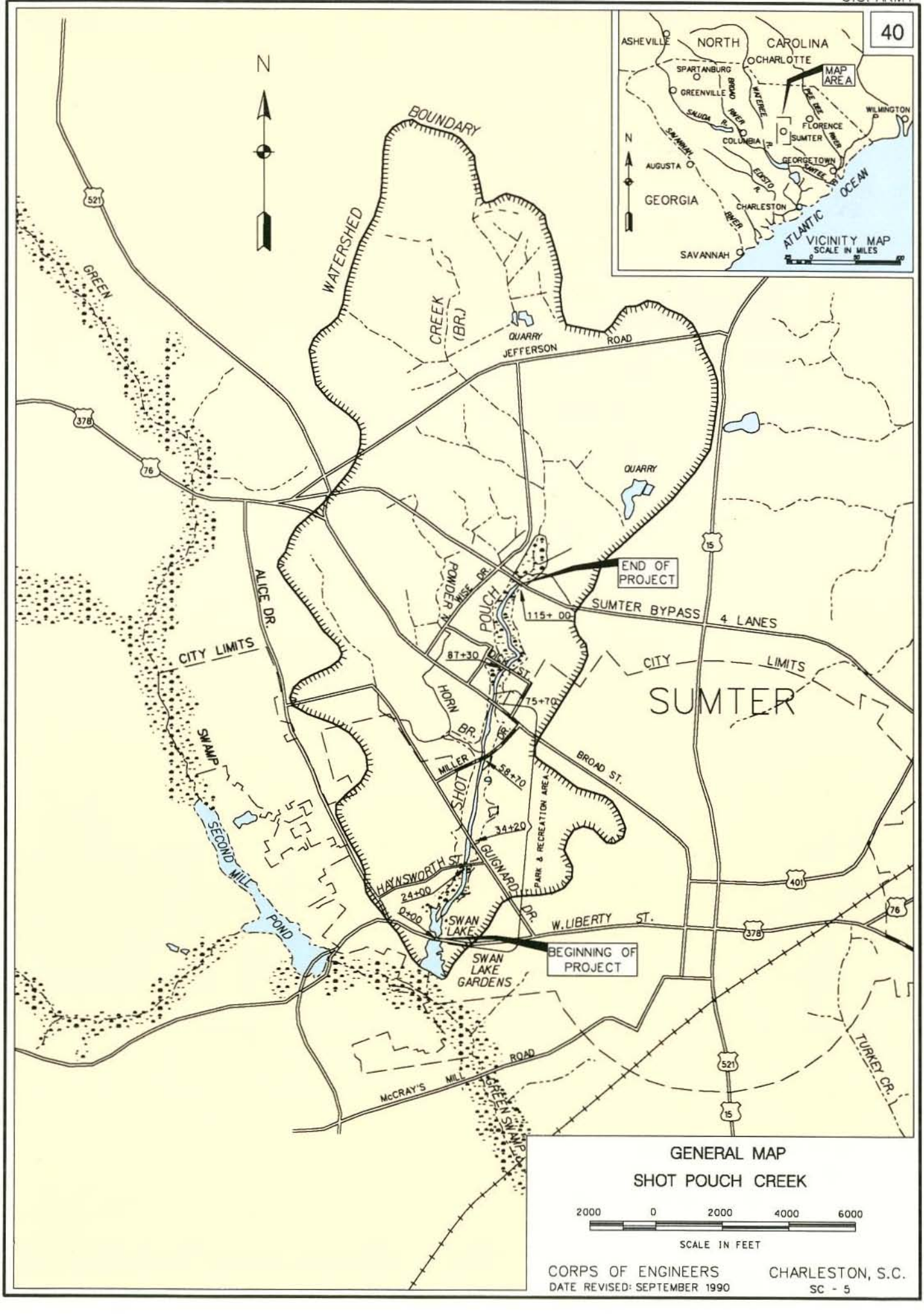
PROJECT: provides for snagging and clearing a channel 2.15 miles long with bottom widths from 14 to 30 feet wide.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Completed in October 1970.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 77,400	$ 53,000	$ 130,400
Maintenance	--	--	--
Total	77,400	53,000	130,400


40
N
BOUNDARY
WATERSHED
GREEN
CREEK (BR.)
QUARRY
JEFFERSON
ROAD
QUARRY
ALICE DR.
CITY LIMITS
POWER WISE DR.
POUCH
END OF PROJECT
SUMTER BYPASS 4 LANES
115+00
87+30
DICK ST.
75+70
CITY LIMITS
SUMTER
HORN BR.
MILLER
SHOT
58+70
BROAD ST.
SWAMP
SECOND MILL POND
34+20
PARK & RECREATION AREA
HAYNSWORTH ST.
GUIGNARD DR.
24+00
0+00
SWAN LAKE
W. LIBERTY ST.
BEGINNING OF PROJECT
SWAN LAKE GARDENS
McCRAY'S MILL ROAD
GREEN SWAMP
TURKEY CR.
ASHEVILLE
NORTH CAROLINA
CHARLOTTE
MAP AREA
SPARTANBURG
GREENVILLE
BROAD RIVER
SALUDA R.
WATEREE
LEE
PEE DEE RIVER
WILMINGTON
FLORENCE
SUMTER
COLUMBIA
SAVANNAH RIVER
AUGUSTA
GEORGETOWN
SANTEE R.
EDISTO R.
GEORGIA
CHARLESTON
ATLANTIC OCEAN
SAVANNAH
VICINITY MAP
SCALE IN MILES
GENERAL MAP
SHOT POUCH CREEK
2000 0 2000 4000 6000
SCALE IN FEET
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC - 5

RESERVED FOR FUTURE USE

RESERVED FOR FUTURE USE

RESERVED FOR FUTURE USE

TODD SWAMP, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The authorized by OCE on 1 March 1963, under Section 208 of the 1954 Flood Control Act, as amended.

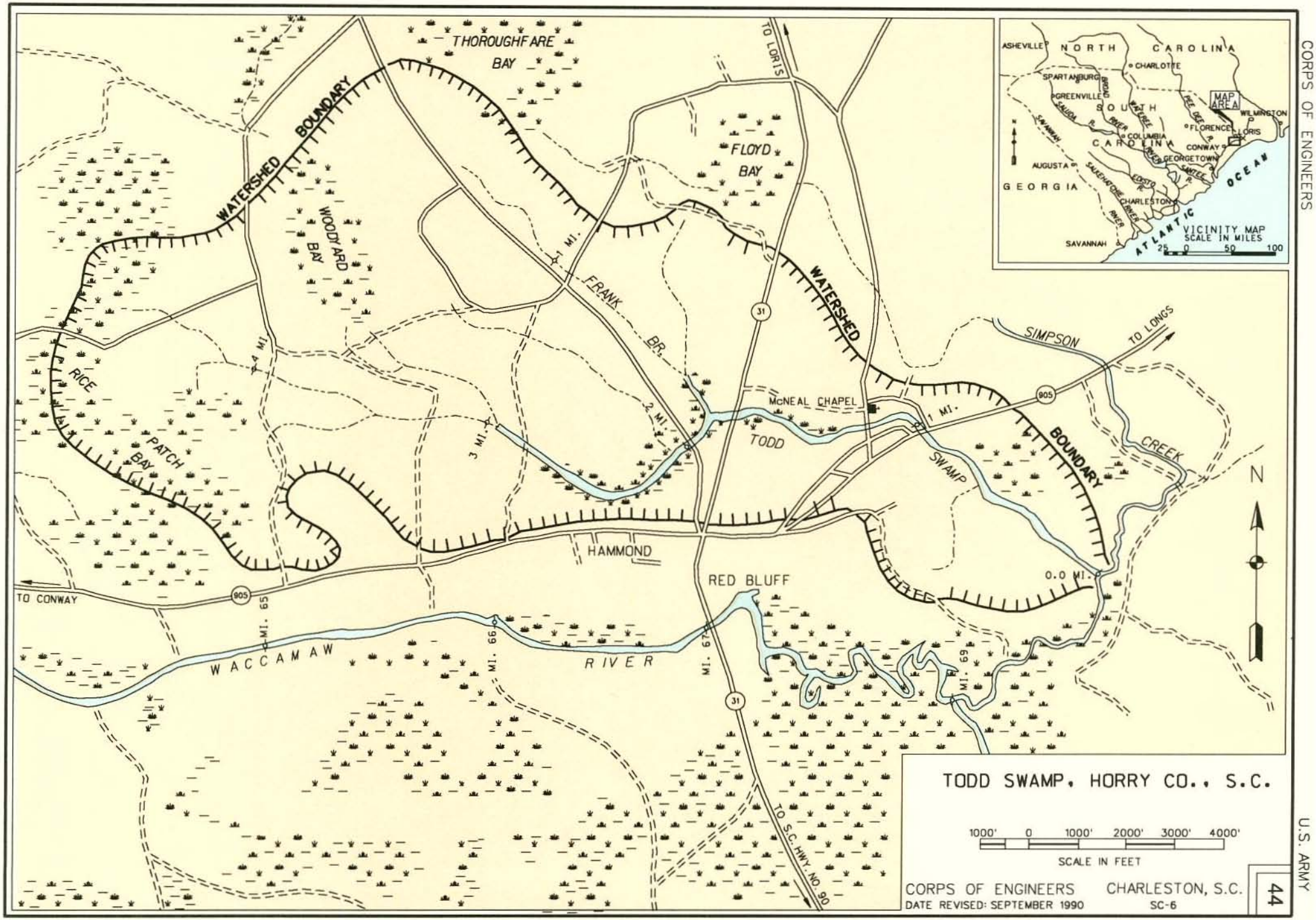
PROJECT: Provides for snagging, clearing and channel enlarging with bottom widths varying from 6-10 feet on the lower 3 miles and includes improvements to 800 feet of Frank Branch.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Completed May 1964.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 29,000	$ 28,000	$ 57,000
Maintenance	--	--	--
Total	29,000	28,000	57,000



TURKEY CREEK, SUMTER COUNTY, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 14 April 1969, under section 205 of the 1948 Flood Control Act, as amended.

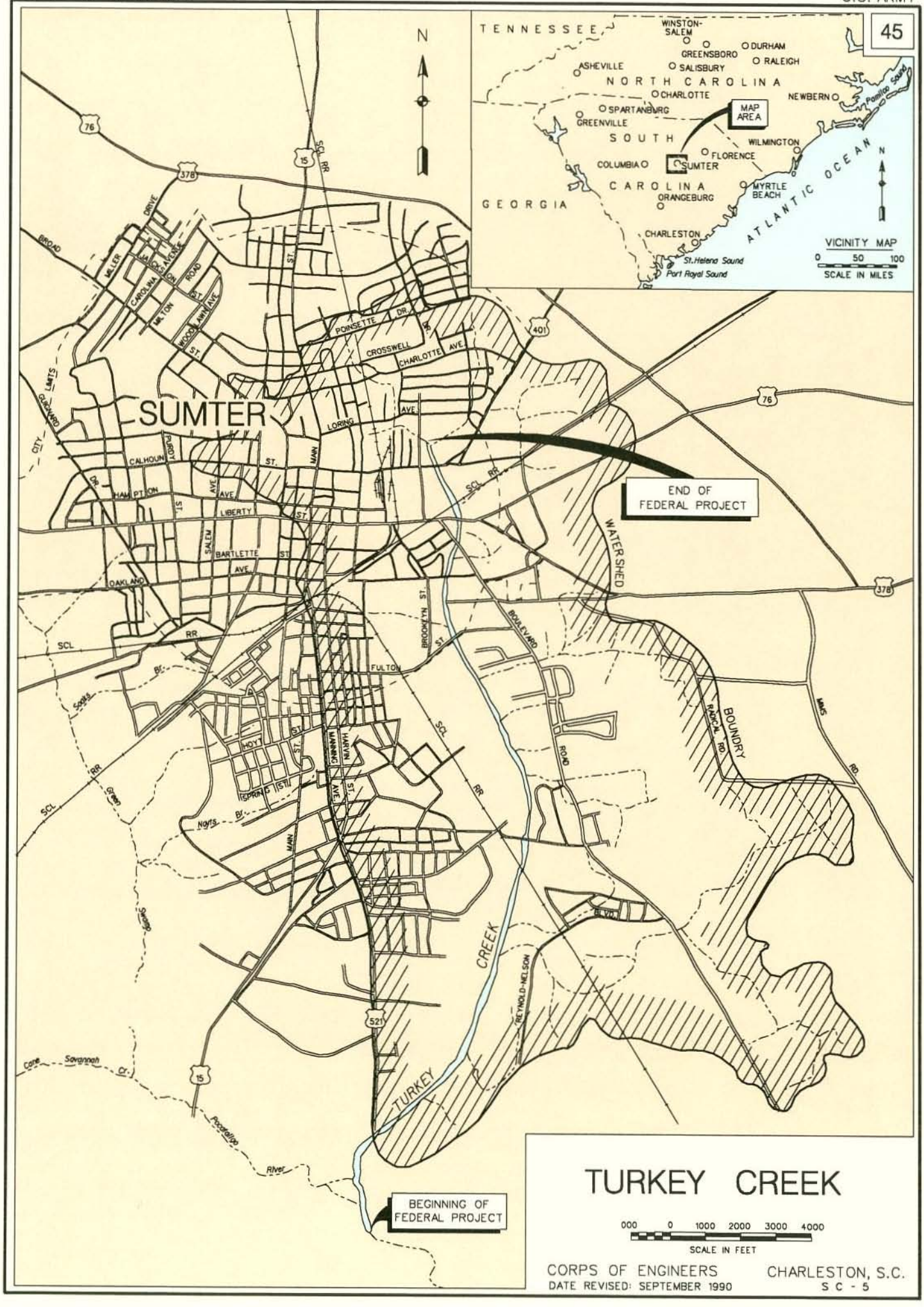
PROJECT: Provides for enlargement and clearing a channel approximately 4.5 miles long with bottom widths of 18 to 60 feet.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Initial June 1971 contract is complete. A second construction contract awarded in June 1973, has been completed.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 319,669	$ 73,500	$ 393,169
Maintenance	--	--	--
Total	319,669	73,500	393,169



TURKEY CREEK

CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC - 5

RESERVED FOR FUTURE USE

KINGSTREE BRANCH, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 16 August 1972 under section 205 of the 1948 Flood Control Act, as amended.

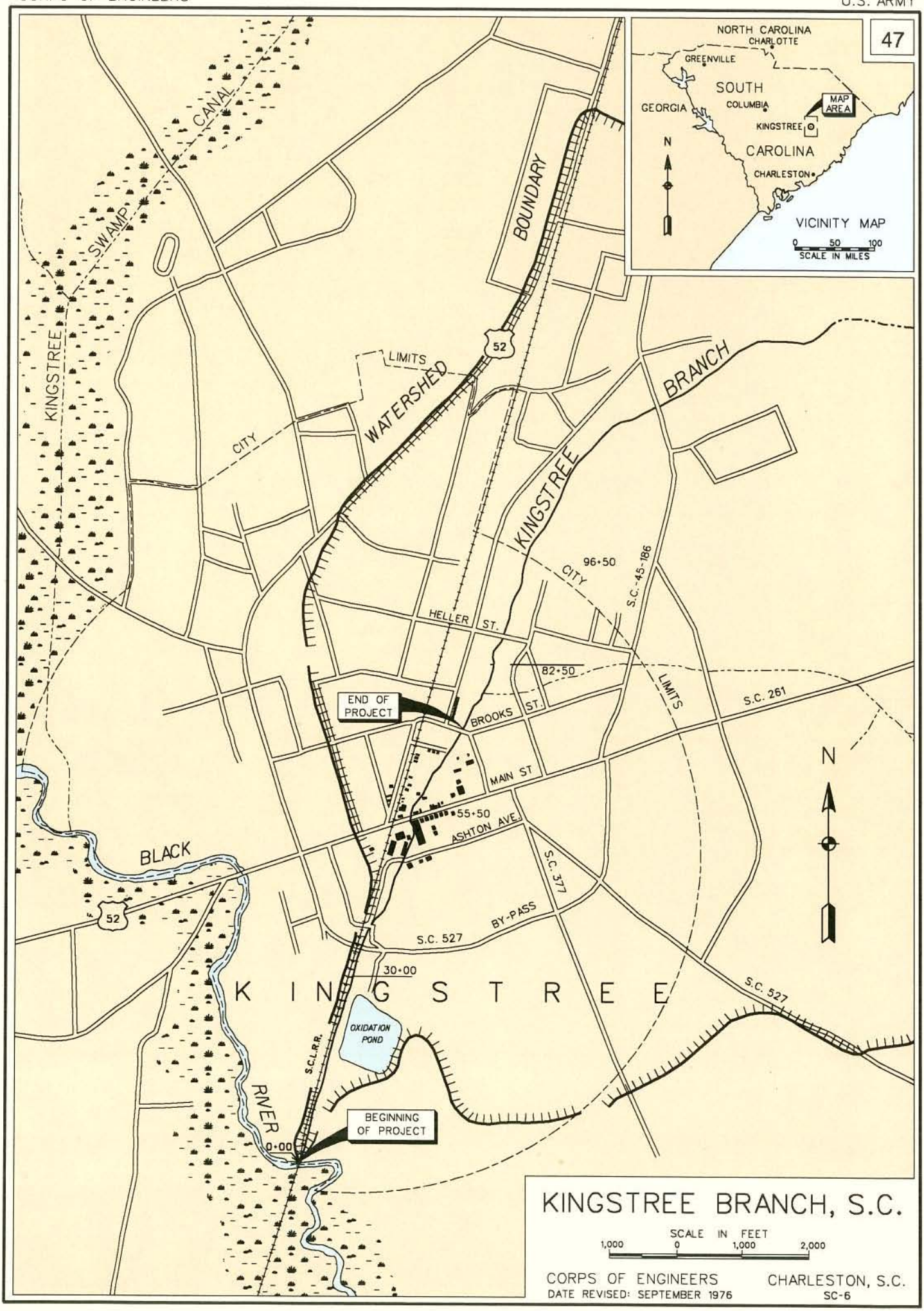
PROJECT: Provides for enlarging the channel 24 to 26 feet wide and 7185 feet long from the Black River through the town of Kingstree to Brooks Street crossing.

LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The contract for project construction was awarded on 30 September 1976. Construction was initiated on 28 October 1976 and was completed on 24 June 1977.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 247,242	--	$ 247,242
Maintenance	--	--	--
Total	247,242	--	247,242


47
NORTH CAROLINA
CHARLOTTE
GREENVILLE
SOUTH
GEORGIA
COLUMBIA
MAP AREA
KINGSTREE
CAROLINA
CHARLESTON
N
VICINITY MAP
0 50 100
SCALE IN MILES
CANAL
SWAMP
KINGSTREE
BOUNDARY
LIMITS
WATERSHED
CITY
52
BRANCH
KINGSTREE
96+50
CITY
S.C.-45-186
HELLER ST.
82+50
END OF PROJECT
BROOKS ST.
LIMITS
S.C. 261
MAIN ST
55+50
ASHTON AVE.
BLACK
S.C. 377
BY-PASS
S.C. 527
30+00
K I N G S T R E E
S.C. 527
OXIDATION POND
S.C.L.R.R.
RIVER
BEGINNING OF PROJECT
0+00
N
KINGSTREE BRANCH, S.C.
SCALE IN FEET
1,000 0 1,000 2,000
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1976 SC-6

LITTLE RIVER INLET, NC & SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by the Senate Public Works Committee and the House Public Works Committee on October 12, 1972, under authority of Section 201, PL 89-298, 1965 Flood Control Act. Section 15 of the Water Resources Act of 1974 authorized interim maintenance to permit free and safe movement of vessels until the authorized project is constructed.

PROJECT: The project provides an entrance channel 12 feet wide to the Atlantic Intracoastal Waterway; and ocean jetties 3,284 feet and 3,830 feet long on the upcoast and downcoast sides of the inlet, respectively. Sand dikes tie the jetties to the shore.

LOCAL COOPERATION: Requirements fully satisfied.

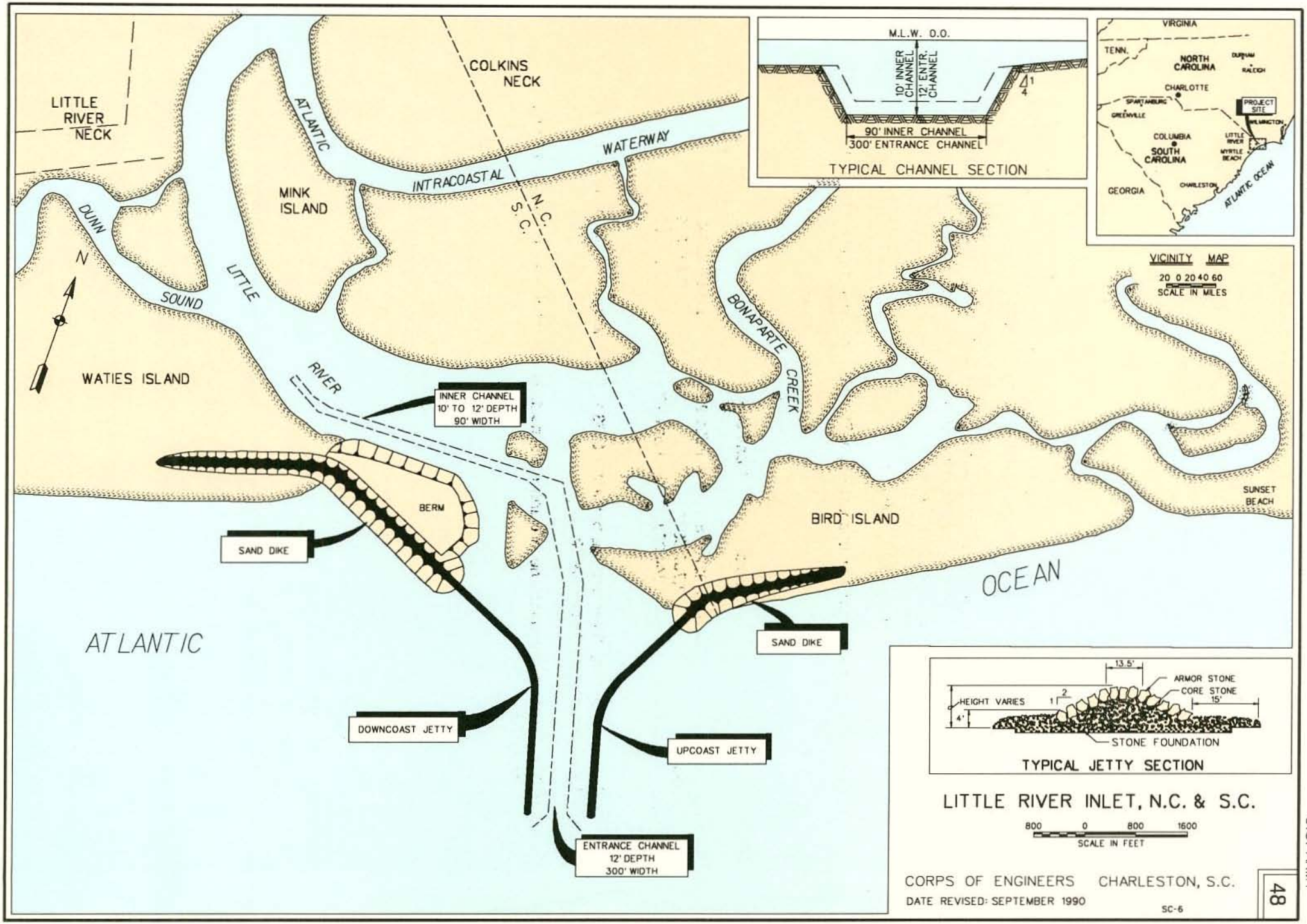
PROGRESS: Construction was started on upcoast jetty in FY 1981. The project was completed in FY 1984.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 17,037,428	$ 1,521,920	$ 18,559,348
Maintenance	2,707,532*	--	2,707,532*
Total	19,744,960	1,521,920	21,266,880

*Includes Section 3 of 1945 River and Harbor Act - $183,124.19 and Section 15 of 1974 Water Resources Development Act - $1,116,704.00.

TIDAL RANGE: The mean tide range one mile above the mouth is 5.0 feet above mean low water and 5.9 feet at extreme tide.


LITTLE RIVER NECK
COLKINS NECK
ATLANTIC INTRACOASTAL WATERWAY
MINK ISLAND
N.C.
S.C.
DUNN SOUND
LITTLE RIVER
N
WATIES ISLAND
INNER CHANNEL 10' TO 12' DEPTH 90' WIDTH
BONAPARTE CREEK
BERM
SAND DIKE
BIRD ISLAND
SUNSET BEACH
OCEAN
ATLANTIC
SAND DIKE
DOWNCOAST JETTY
UPCOAST JETTY
ENTRANCE CHANNEL 12' DEPTH 300' WIDTH
M.L.W. 0.0.
10' INNER CHANNEL
12' ENTR. CHANNEL
4 1/4
90' INNER CHANNEL
300' ENTRANCE CHANNEL
TYPICAL CHANNEL SECTION
VIRGINIA
TENN.
NORTH CAROLINA
DURHAM
RALEIGH
CHARLOTTE
SPARTANBURG
GREENVILLE
PROJECT SITE
WILMINGTON
COLUMBIA
SOUTH CAROLINA
LITTLE RIVER
MYRTLE BEACH
GEORGIA
CHARLESTON
ATLANTIC OCEAN
VICINITY MAP
20 0 20 40 60
SCALE IN MILES
13.5'
ARMOR STONE
CORE STONE
15'
HEIGHT VARIES
2
1
4'
STONE FOUNDATION
TYPICAL JETTY SECTION
LITTLE RIVER INLET, N.C. & S.C.
800 0 800 1600
SCALE IN FEET
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990
SC-6

MURRELLS INLET, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by the House Committee on Public Works on 10 November 1971 and the Senate Committee on Public Works on 18 November 1971, under authority of Section 201, P.L. 89-298, 1965 Flood Control Act. Section 67 of the Water Resources Act of 1974 authorized interim maintenance to permit free and safe movement of vessels until the authorized project was completed.

PROJECT: The project provides for an entrance channel twelve by 300 feet across the seaward bar; thence a ten by 90-foot inner channel to a turning basin at the old Army crashboat dock. The entrance channel is stabilized by ocean jetties extending seaward 3,445 feet and 3,319 feet on the north and south sides of the inlet, respectively. The recreational project includes a walkway on the south jetty with access road and parking area.

LOCAL COOPERATION: Requirements fully satisfied.

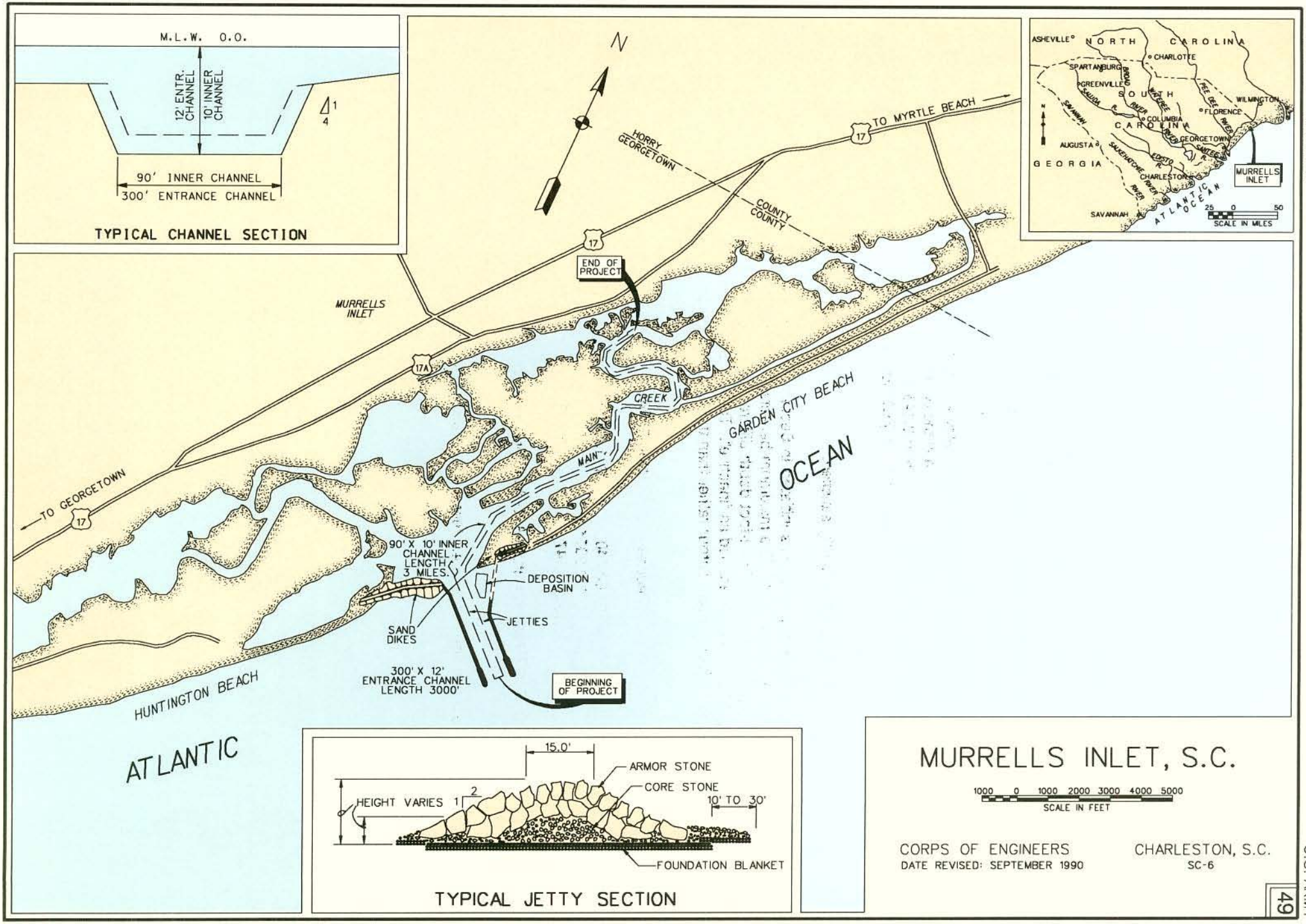
PROGRESS: The construction project was initiated in September 1977. The active portion of the project was completed in August 1981. The maximum benefits are achieved with a 10-foot entrance channel and an 8-foot inner channel. The 2-foot depth difference between the authorized depth and the construction depth has been reclassified as "inactive". The entrance channel and the jetties have been shortened to the 10-foot ocean contour rather than the 12-foot contour.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 15,502,240	$ 1,536,893	$ 17,039,133
Maintenance	3,702,307*	--	3,702,307*
Total	19,204,547	1,536,893	20,741,440

*Includes Section 3 of 1945 River and Harbor Act - $145,569.0 and Section 67 of 1974 Water Resources Development Act - $556,000.0.

TIDAL RANGE: The mean tide range is 4.5 feet above mean low water.



RESERVED FOR FUTURE USE

ARCHERS CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by the River and Harbor Act of 1912, H. Doc. No. 513, 62nd Cong., 2nd session.

PROJECT: Provides for a channel six feet deep at mean low water and 75 feet wide from its intersection with the Beaufort River for a distance of 2 miles.

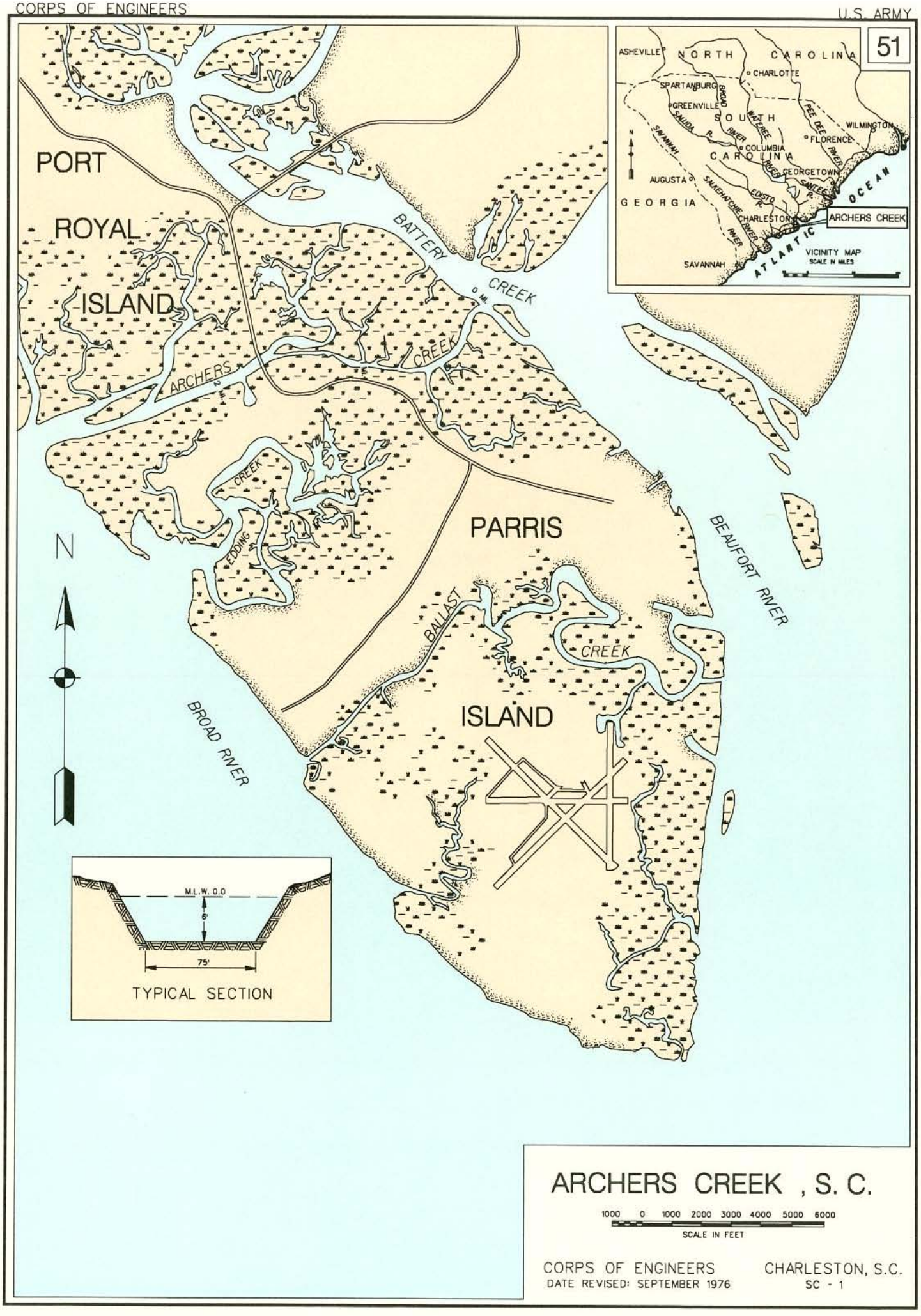
LOCAL COOPERTION: Requirements fully satisfied.

PROGRESS: The project was completed in 1914.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 20,646	--	$ 20,646
Maintenance	--	--	--
Total	20,646	--	20,646

TIDAL RANGE: The mean tidal range is 6.1 feet.



ARCHERS CREEK , S. C.

1000 0 1000 2000 3000 4000 5000 6000

SCALE IN FEET

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1976 SC - 1

RESERVED FOR FUTURE USE

SCOTTS CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 14 November 1975 under section 205 of the 1948 Flood Control Act, as amended.

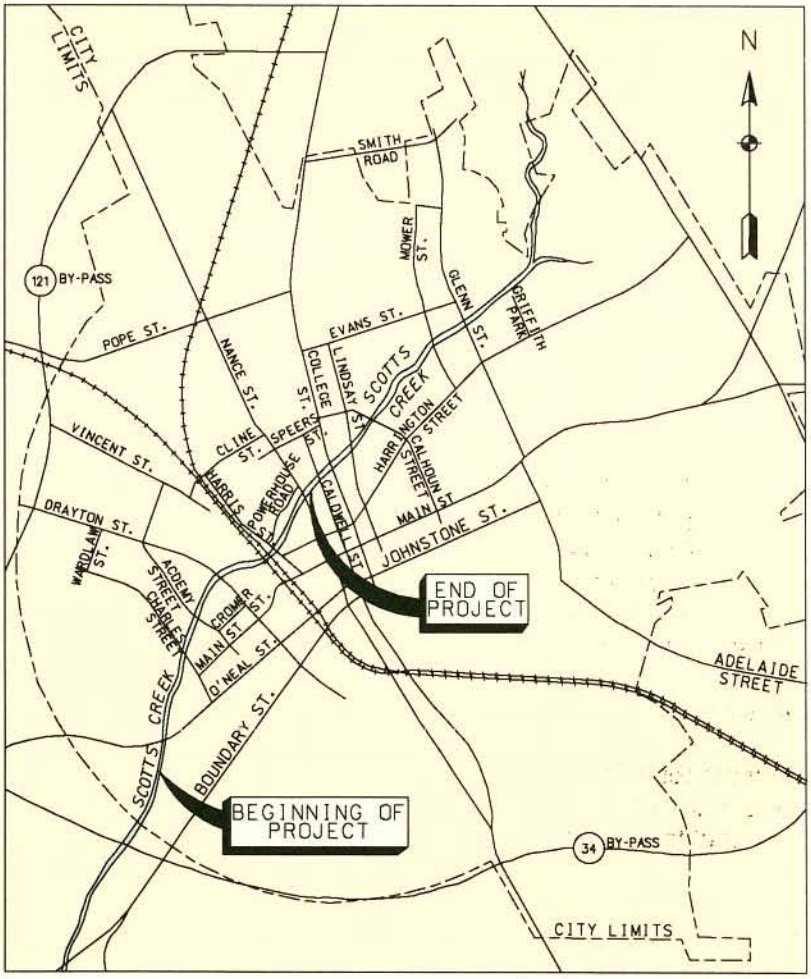
PROJECT: The recommended plan of improvement consists of clearing and snagging of the existing North Fork from SC Highway 34 upstream a distance of approximately 0.4 mile to SC 121 (Highway 34 by-pass). Channel enlargement begins at SC 121 and extends upstream approximately 2.2 miles to a point about 900 feet above Glenn Street. Design channel bottom width varies from 20 to 28 feet with an average depth of cut of 7 feet. The County of Newberry withdrew as co-sponsor of the project. As a result, that portion of the project from Newberry city limits to SC highway 34, a distance of 0.56 mile, has been eliminated. The reach above Glenn Street was also eliminated because it involved expensive rock excavation with very little increase in benefits.

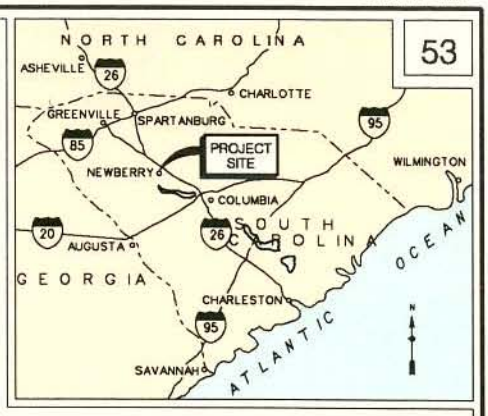
LOCAL COOPERATION: Requirements fully satisfied.

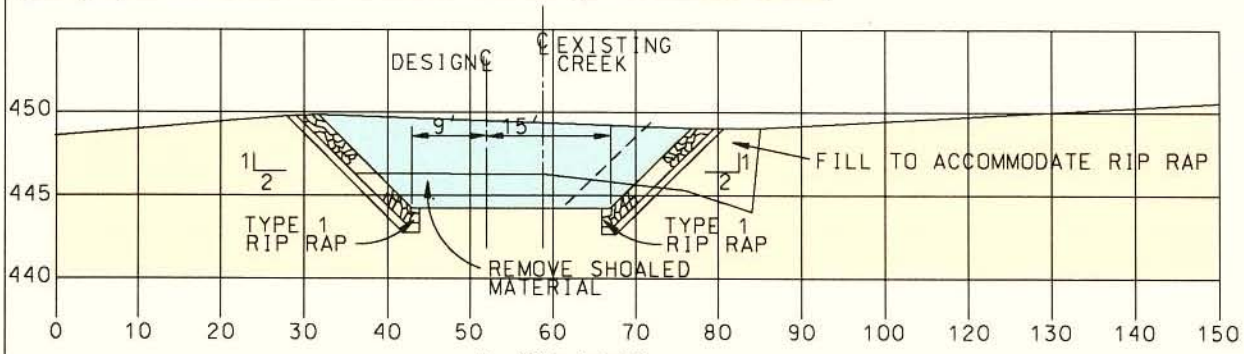
PROGRESS: Construction was completed and accepted in 1988. The project upgraded about a mile of the creek, from approximately 50 feet downstream of O'Neal Street to about 200 feet upstream of Nance Street. The City of Newberry has accepted the project for maintenance purposes.

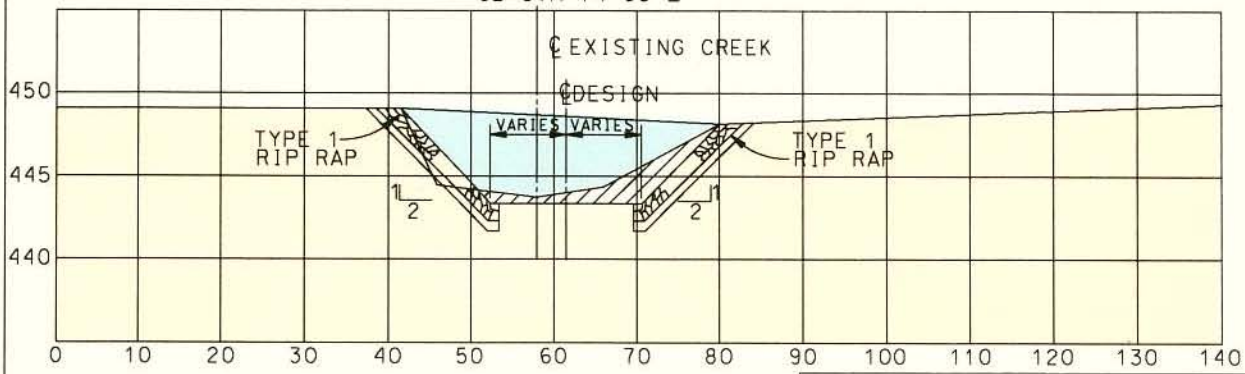
COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 545,000	--	$ 545,000
Maintenance	--	--	--
Total	545,000	--	545,000









SCOTTS CREEK

NOT TO SCALE

CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC-5

EDISTO RIVER-VICINITY CANADAY'S LANDING, SC
(Flood Control)

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by Section 208 of the 1954 Flood Control Act, Public Law 780, 83rd Congress, 3 September 1954.

PROJECT: Provides for clearing the channel and banks of the Edisto River in the vicinity of Canaday's Landing for flood control.

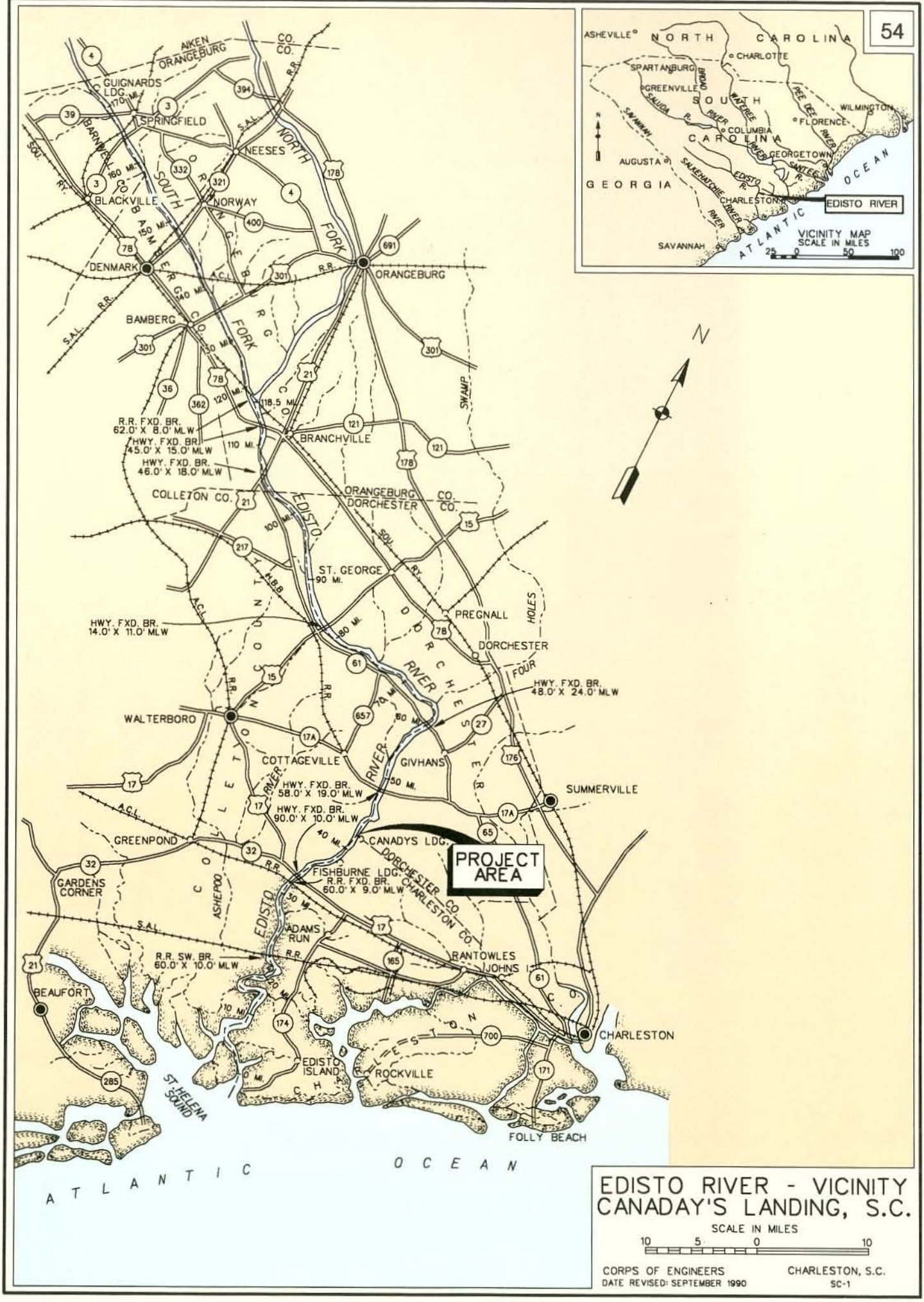
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Project was completed 17 September 1957.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 3,160	--	$ 3,160
Maintenance	--	--	--
Total	3,160	--	3,160

TIDAL RANGE: Tidal influence not felt.



EDISTO RIVER - VICINITY CANADAY'S LANDING, S.C.

SCALE IN MILES
10 5 0 10

CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC-1

RESERVED FOR FUTURE USE

FOLLY RIVER, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 23 December 1977, under Section 107 of the 1960 River and Harbor Act, as amended.

PROJECT: Project provides for shallow draft navigation as follows:

a. Stono Inlet Entrance Channel. An entrance channel 11 feet deep by 100 feet wide extending from the 11-foot contour in the Stono River through the shoal lying off the river mouth to the 11-foot contour in the ocean; a distance of approximately one nautical mile.

b. Folly River Channel. A channel within Folly River 9 feet deep and 80 feet wide, extending downstream from Highway 171 to the confluence of Folly and Stono Rivers; a distance of approximately three nautical miles.

c. Folly Creek Channel. A channel within Folly Creek 9 feet deep by 80 feet wide extending downstream from Highway 171 to the confluence with Folly River: a distance of approximately three nautical miles.

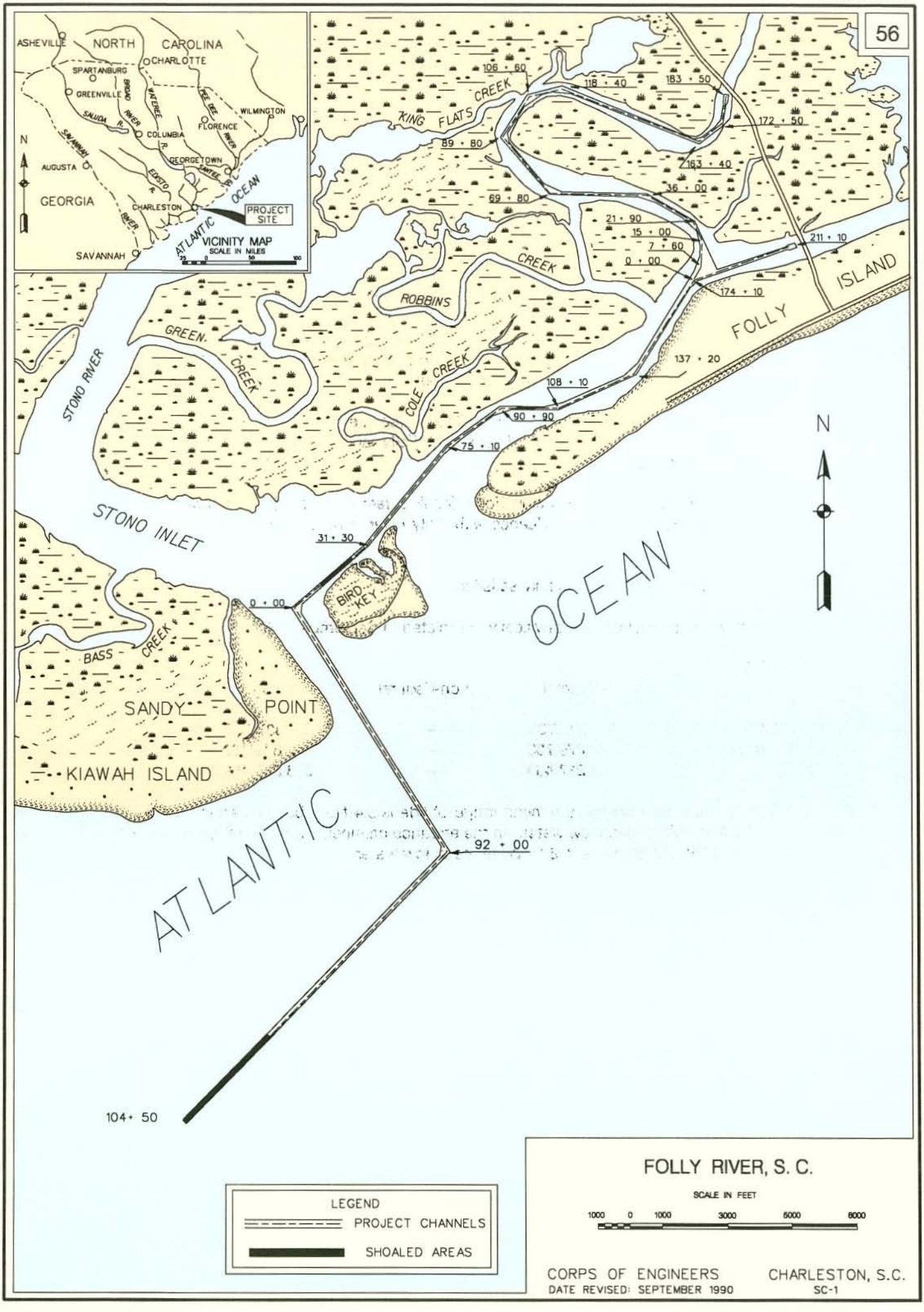
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Project construction was physically completed in September 1979.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 337,736	--	$ 337,736
Maintenance	2,879,733	--	2,879,733
Total	3,217,469	--	$ 3,217,469

TIDAL RANGE: In the inner channel, the mean range of tide is 5.4 feet above mean low water, and extreme tide is 6.3 feet above mean low water. In the entrance channel, the mean range of tide is 5.2 above low water and the extreme tide is 6.1 above mean low water.


56
ASHEVILLE
NORTH CAROLINA
CHARLOTTE
SPARTANBURG
GREENVILLE
BROAD R.
SALUDA R.
SAVANNAH R.
AUGUSTA
GEORGIA
SAVANNAH
CHARLESTON
RIVER
EDISTO R.
COLUMBIA
WATEREE R.
PEE DEE R.
FLORENCE
WILMINGTON
GEORGETOWN
SANTEE R.
ATLANTIC OCEAN
PROJECT SITE
VICINITY MAP
SCALE IN MILES
N
KING FLATS CREEK
106 + 60
118 + 40
183 + 50
172 + 50
89 + 80
163 + 40
35 + 00
69 + 80
21 + 90
15 + 00
7 + 60
0 + 00
211 + 10
174 + 10
ROBBINS CREEK
GREEN CREEK
COLE CREEK
FOLLY ISLAND
137 + 20
108 + 10
90 + 90
75 + 10
STONO RIVER
STONO INLET
31 + 30
BIRD KEY
0 + 00
BASS CREEK
SANDY POINT
KIAWAH ISLAND
ATLANTIC OCEAN
92 + 00
104 + 50
LEGEND
PROJECT CHANNELS
SHOALED AREAS
FOLLY RIVER, S. C.
SCALE IN FEET
1000 0 1000 3000 6000 9000
CORPS OF ENGINEERS CHARLESTON, S.C.
DATE REVISED: SEPTEMBER 1990 SC-1

JEREMY CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by Section 107 of the 1960 River and Harbor Act, as amended, on 11 January 1982.

PROJECT: Provides for a turning basin 12 feet deep and 150 feet in diameter at the head of the previously existing Jeremy Creek navigation channel.

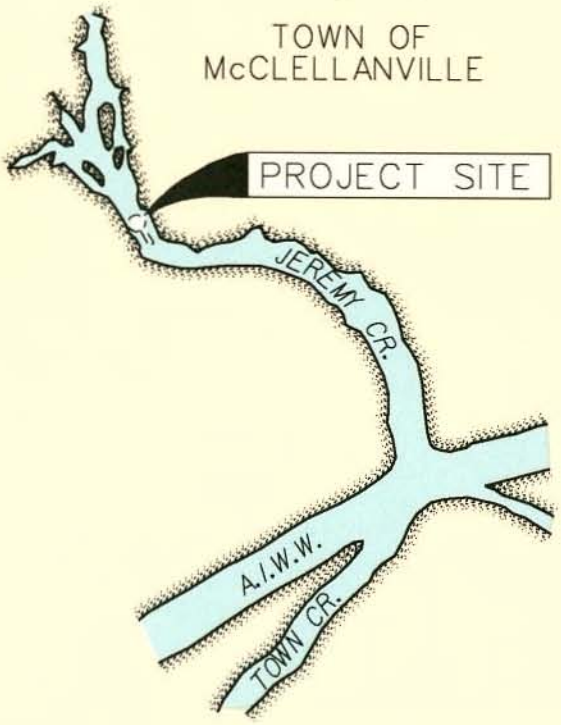
LOCAL COOPERATION: Requirements fully satisfied.

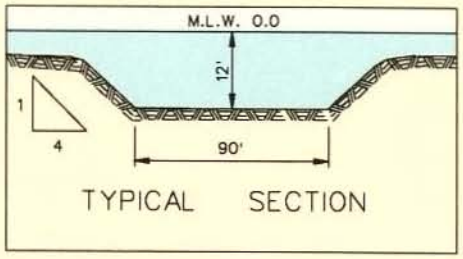
PROGRESS: The project was completed in 1982.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 49,987	--	$ 49,987
Maintenance	84,504	--	84,504
Total	134,491	--	134,491

TIDAL RANGE: The mean range of tide is 5.1 feet.





JEREMY CREEK
McCLELLANVILLE, S.C.

2000 0 2000

SCALE IN FEET

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-1

EAGLE CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 25 January 1982 under authority contained in Section 205 of the 1948 Flood Control Act, as amended.

PROJECT: The authorized plan calls for approximately 3.8 miles of channel modifications and includes recommendations to increase the flow capacity of two highway bridges.

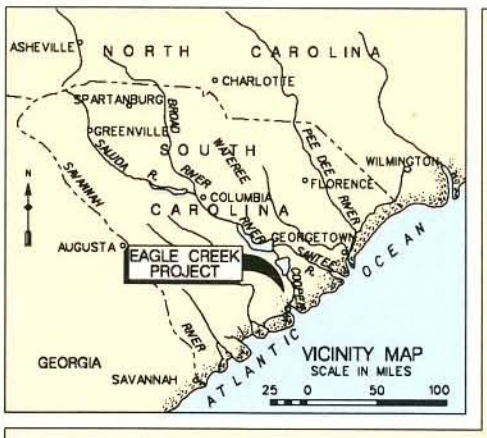
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Project was physically completed on 14 August 1985 and fiscally completed in December 1985.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 1,245,063	--	$ 1,245,063
Maintenance	--	--	--
Total	1,245,063	--	1,245,063

58



EAGLE CREEK, S.C.

1000 0 2000 4000

SCALE IN FEET

CORPS OF ENGINEERS
DATE REVISED: SEPTEMBER 1991

CHARLESTON, S.C.
SC-1

WILSON CREEK, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by OCE on 8 September 1982, under authority contained in Section 205 of the 1948 Flood Control Act, as amended.

PROJECT: The authorized plan calls for the removal of six flood-prone structures from the 10-year flood plain as a nonstructural solution to the flood problems.

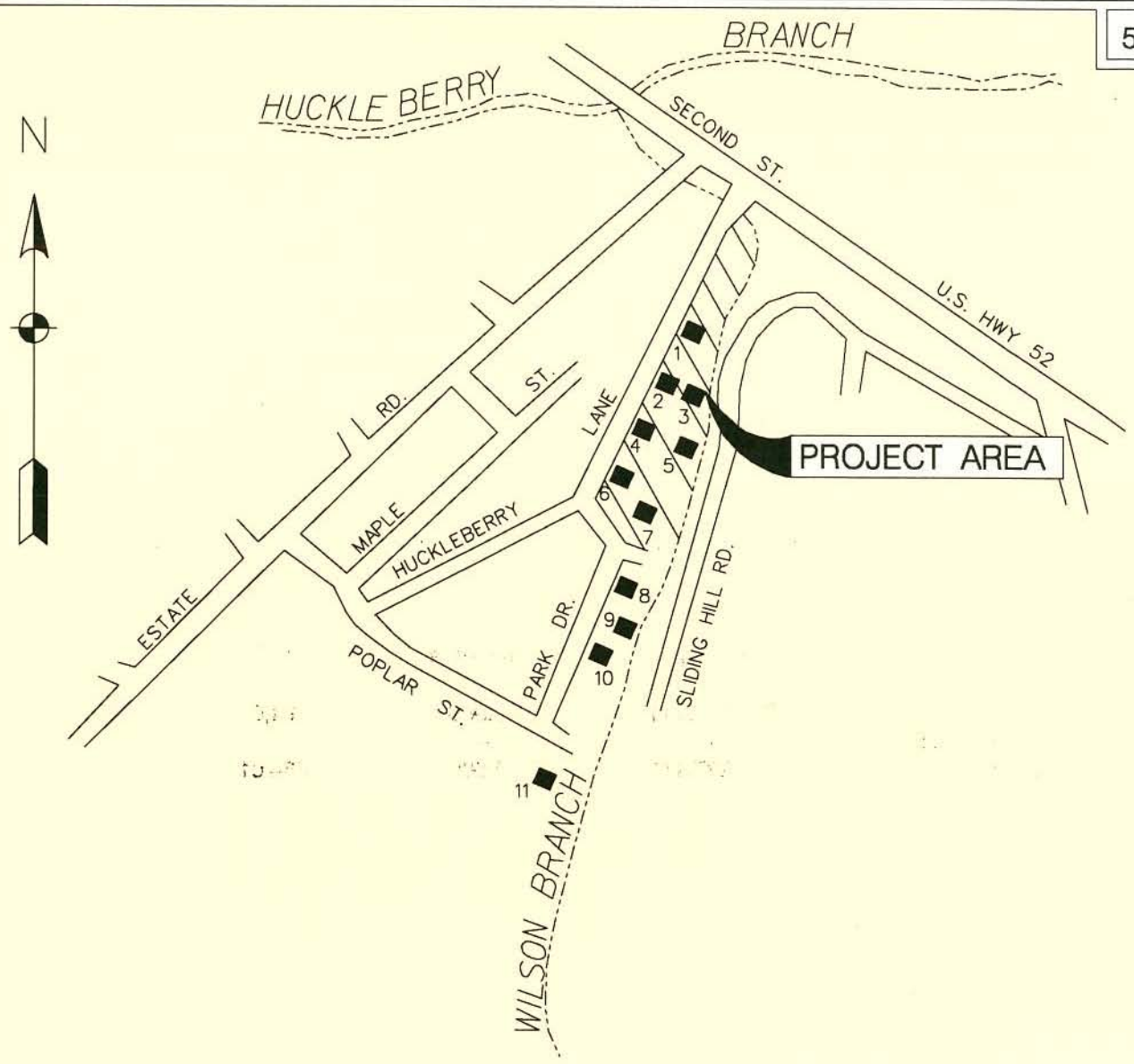
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Project was physically completed on 27 December 1984 and fiscally in January, 1985.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 277,111	$ 6,906	$ 284,017
Maintenance	--	--	--
Total	277,111	6,906	284,017

59



WILSON BRANCH, S.C.

500 0 500

SCALE IN FEET

CORPS OF ENGINEERS
DATE REVISED: SEPTEMBER 1990

CHARLESTON, S.C.
SC-6

COW CASTLE CREEK, ORANGEBURG COUNTY, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by Office, Chief of Engineers on 26 August 1983, under authority of Section 208 of the 1954 Flood Control Act, as amended.

PROJECT: The project, as constructed, consisted of the clearing and snagging of the existing channel of Cow Castle Creek for a distance of 8085 feet in the vicinity of the South Carolina Highway 210 crossing. Additionally the project included the clearing of all brush and tress smaller than 12 inches in diameter from the right creek bank. The County of Orangeburg cleared Even Branch (tributary to Cow Castle Creek) for a distance of 1.7 miles as part of the total project.

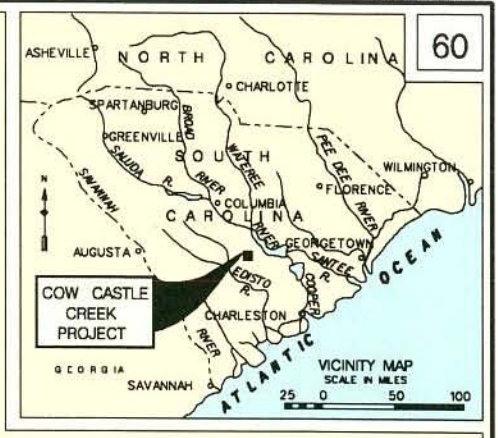
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: Construction contract was awarded on 22 September 1983. Construction activities were completed on 2 May 1984.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 250,000	$ 26,000*	$ 276,000
Maintenance	--	--	--
Total	250,000	26,000*	250,000

*Includes $15,000 land acquisition.



BEGINNING OF FEDERAL PROJECT

END OF FEDERAL PROJECT

8085' PROJECT LENGTH

FLOW

COW CASTLE CREEK

N

210

36

BRANCH

EVEN

TOWN OF BOWMAN, S.C.

178

COW CASTLE CREEK, S.C.

1000 500 0 1000 2000 3000

SCALE IN FEET

CORPS OF ENGINEERS CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC-2

COOPER RIVER SEISMIC MODIFICATION, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

AUTHORIZATION: The project was authorized by Public Law 90-483 and amended by PL 98-63.

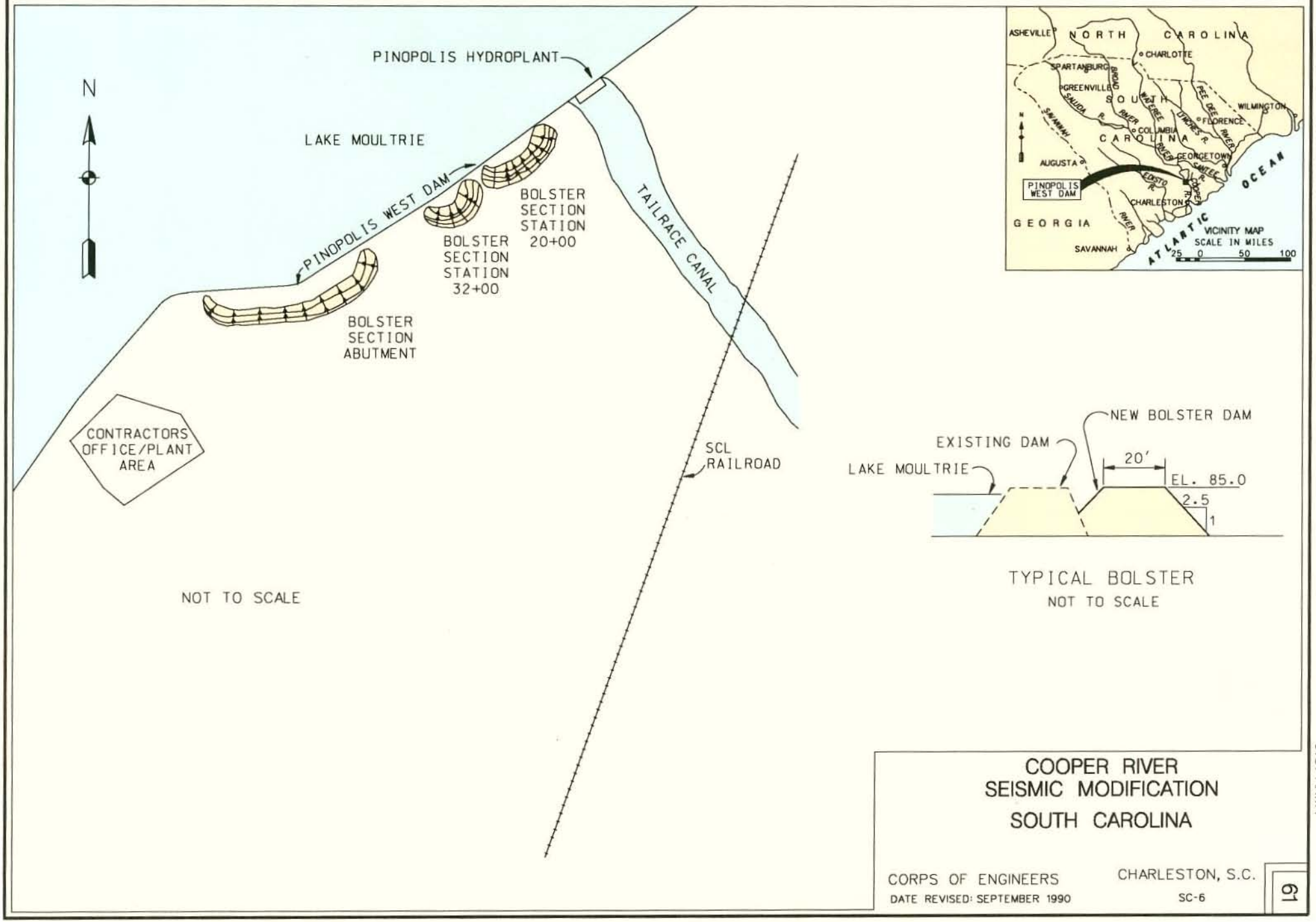
PROJECT: The project consists of remedial measures to stabilize the existing Pinopolis West Dam in the event an earthquake should occur. The existing structure is founded on seismically unstable materials that could result in total failure, potentially causing millions of dollars in Flood damage to downstream government and private property. Extensive investigation identified three definable reaches totaling about 4,500 linear feet of unstable structure. Basically, a new dam will be constructed immediately downstream of the existing dam.

LOCAL COOPERATION: The Local Cooperation Agreement was signed on 29 March 1988.

PROGRESS: The construction contract was awarded in April 1988 and was physically complete on 24 September 1990.

COST TO DATE:

	Federal	Non-Federal	Total
New Work	$ 29,209,312	$ 900,000	$ 30,109,312
Maintenance	--	--	--
Total	29,209,312	900,000	30,109,312



COOPER RIVER
SEISMIC MODIFICATION
SOUTH CAROLINA

CORPS OF ENGINEERS
DATE REVISED: SEPTEMBER 1990

CHARLESTON, S.C.
SC-6

61

CORPS OF ENGINEERS

U.S. ARMY

COOPER RIVER, POMPION HILL CHAPEL, SC

CONDITION OF IMPROVEMENT: 30 SEPTEMBER 1991

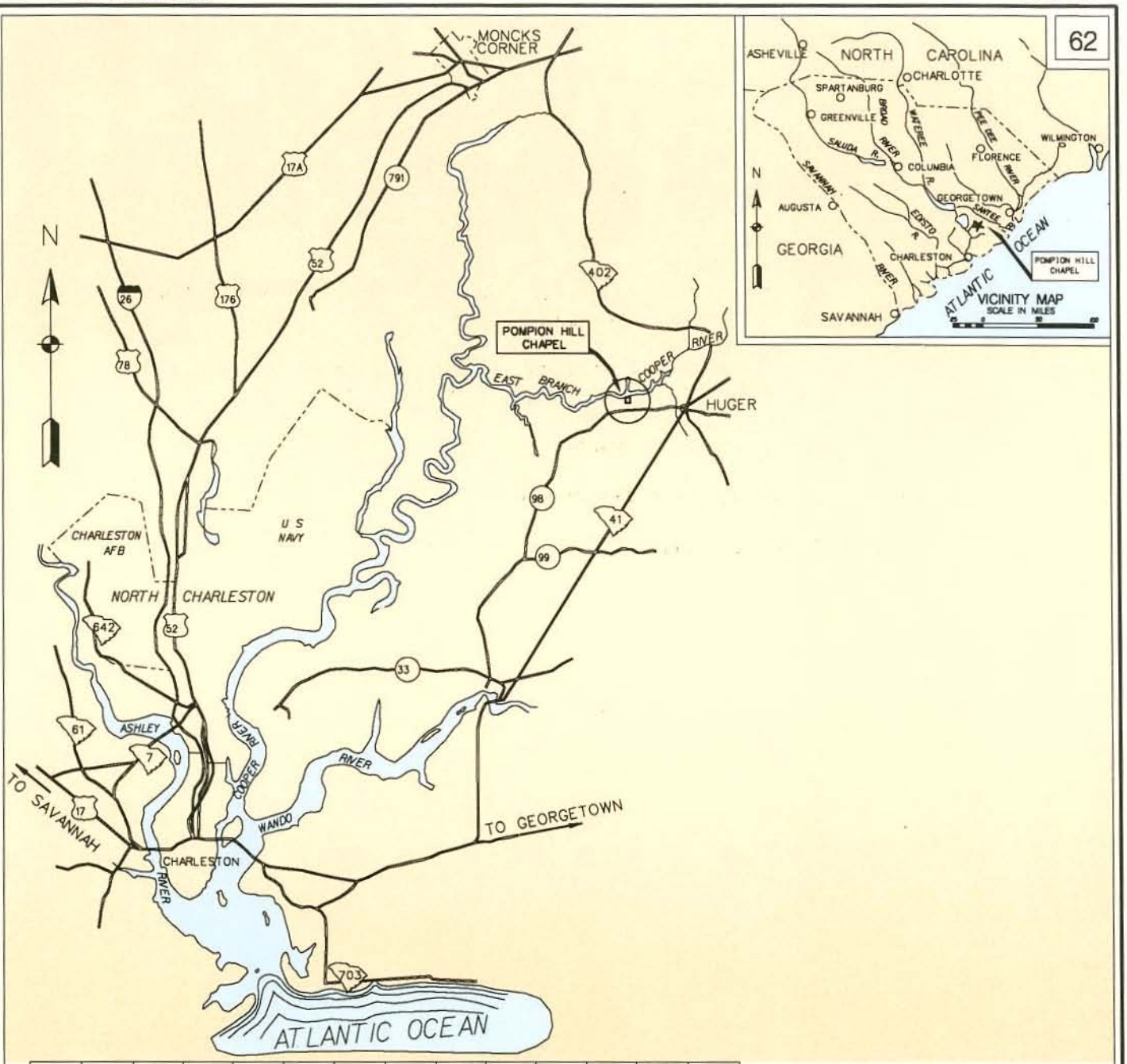
AUTHORIZATION: The project was authorized on 23 July 1986 under general authority contained in Section 14 of the 1946 Flood Control Act, as amended.

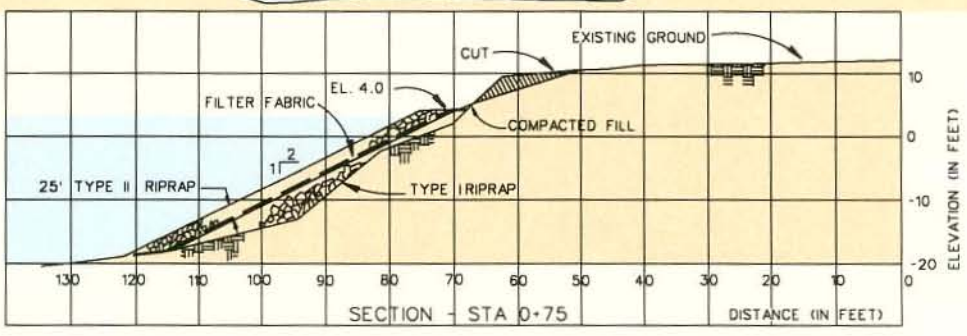
PROJECT: The authorized project consists of bank stabilization of approximately 200 feet of bank on the East Branch of the Cooper River. The project is adjacent to the Pompion Hill Chapel.

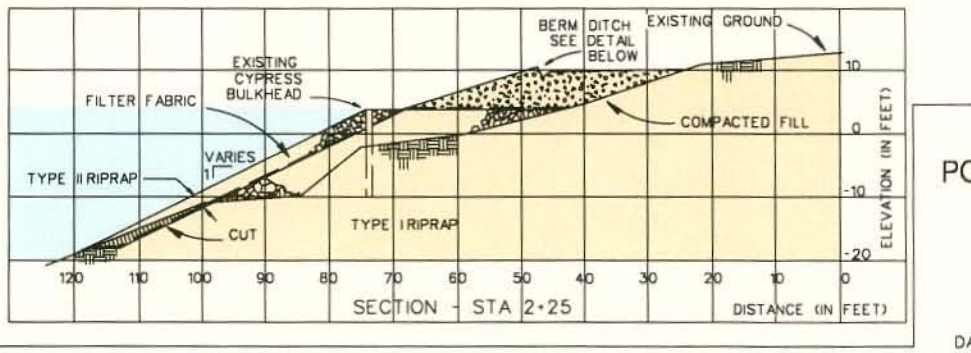
LOCAL COOPERATION: Requirements fully satisfied.

PROGRESS: The project was completed in January 1987.

COST TO DATE: $211,100 (100% Federal)







COOPER RIVER
POMPION HILL CHAPEL, S.C.

1 0 1 2 3 4
SCALE IN MILES

CORPS OF ENGINEERS
CHARLESTON, S.C.

DATE REVISED: SEPTEMBER 1990 SC - 1