Facts and Figures

4. Coastal Storm Damage Risk Reduction Studies ($28 million)
Work under this category includes completion of ongoing Corps of Engineers flood and storm damage risk reduction studies that were underway at the time of Hurricane Sandy and received funding in any of the three fiscal years prior to enactment of the Disaster Relief Appropriations Act of 2013.
18 Studies
Rhode Island: 2 studies
New York: 6 studies
New Jersey: 9 studies
Delaware: 1 study

5. Continuing Authorities Program ($48 million)
This program allows the Corps of Engineers to plan, design, and construct smaller projects under existing program authorities in place from Congress.
9 Projects
Massachusetts: 2
Connecticut: 1
New York: 1
New Jersey: 1
Delaware :1
Maryland: 1
Virginia: 2

Contracting

Contracts that have been awarded represent the number of projects completed or underway. For more information on contracting opportunities, visit www.fbo.gov.

Contracts	Number
Awarded	93
Ready to Advertise	11

North Atlantic Coast Comprehensive Study

The North Atlantic Coast Comprehensive Study (NACCS) is a collaborative effort bringing together governmental, academic, and non-governmental experts in coastal planning, engineering and science to collaboratively develop a risk reduction framework for the 31,000 miles of coastline within the North Atlantic Division that were affected by Hurricane Sandy. The $19 million study will be submitted to Congress in January 2015. For more information on the NACCS, visit http://www.nad.usace.army/CompStudy.

Websites for Information

- http://www.nad.usace.army.mil/Sandy
- http://www.nad.usace.army.mil/CompStudy
- www.facebook.com/NorthAtlanticDivision
- www.twitter.com/ArmyCorpsNAD

For more information about projects in your area, contact our nearest Corps office or centers of expertise:

North Atlantic Division (Entire Region)
347.370.4550
dll-cenado-pa@usace.army.mil

New York District
917.790.8007
cenan-pa@usace.army.mil

Philadelphia District
215.656.6515
philly@usace.army.mil

Baltimore District
410.962.3787
cenab-pa@usace.army.mil

New England District
978.318.8238
cenae-pa@usace.army.mil

Norfolk District
757.201.7673
cenao-pa@usace.army.mil

Institute for Water Resources
703.428.8015

Engineer Research & Development Center
601.634.3188
erdcpublicaffairs@usace.army.mil

National Planning Center of Expertise for Coastal Storm Risk Reduction
347.370.4550
PCXCSDR@usace.army.mil

Updated 2/2014

Hurricane Sandy Coastal Management

Facts and Figures

February 2014

With the passage of the Hurricane Sandy Disaster Relief Appropriations Act of 2013, the U.S. Army Corps of Engineers has both the authority and the funding to repair and complete ongoing coastal storm damage risk reduction projects and studies in the Northeast. These projects and studies seek to reduce the vulnerability of the region from future storms.

U.S. Army Corps of Engineers
North Atlantic Division

Facts and Figures

The Disaster Relief Appropriations Act of 2013 (PL 113-2) appropriated more than $5 billion to the U.S. Army Corps of Engineers to address areas impacted by Hurricane Sandy. The Corps' North Atlantic Division received more than $4 billion of this funding. Under the Disaster Relief Appropriations Act, the North Atlantic Division will be executing projects and studies in the following five categories.

1. Near-Term Coastal Restoration ($656 million)
Funded through Flood Control and Coastal Emergencies appropriations, this work restores previously constructed Corps projects that were severely impacted by Hurricane Sandy. Degraded coastal features increase risks and vulnerability from future storm events. This work entails placing more than 26 million cubic yards of sand.

25 Approved Projects
Rhode Island: 1
Connecticut: 2
New York: 6
New Jersey: 8
Delaware: 5
Maryland: 1
Virginia: 2

14 Completed Projects
New York: 2
New Jersey: 6
Delaware: 4
Virginia: 2

2. Operations and Maintenance ($621 million)
Work in this category entails repair of Sandy-damaged navigation channels and structures that the Corps has built and maintains. These projects include surveys and repairs to breakwaters, storm surge barriers, jetties, bulkheads and revetments, as well as restoration of federal navigation channels that experienced shoaling as a result of Hurricane Sandy.

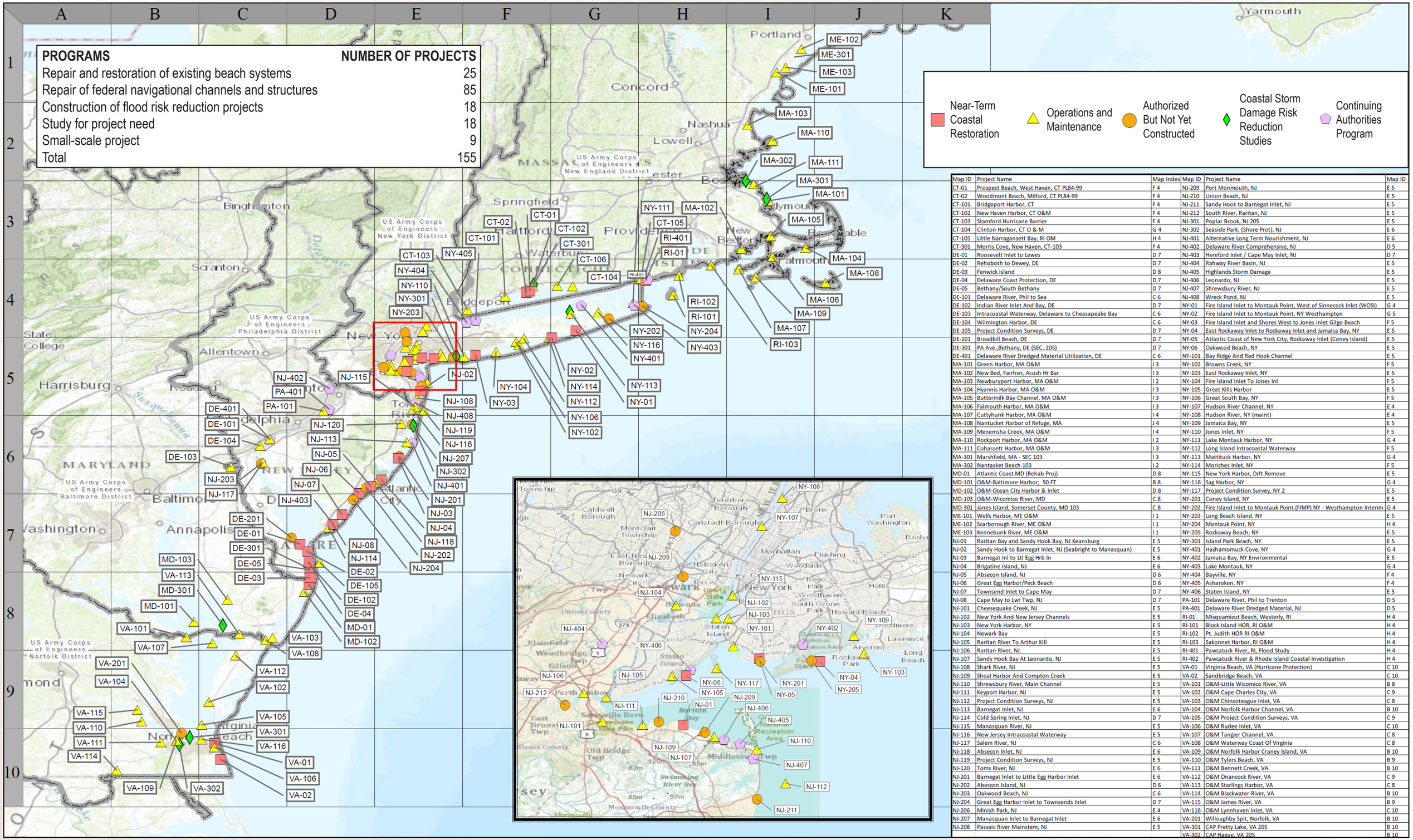
85 Approved Projects
Maine: 3
Massachusetts: 11
Rhode Island: 3
Connecticut: 6
New York: 17
New Jersey: 20
Delaware: 6
Maryland: 3
Virginia: 16

38 Completed Projects
Massachusetts: 5
Rhode Island: 1
Connecticut: 1
New York: 10
New Jersey: 10
Delaware: 5
Virginia: 6

3. Authorized But Not Yet Constructed ($2.76 million)
Work under this category includes constructing flood and storm damage risk reduction projects at sites where either an authorized but not yet constructed Corps project or a partially constructed Corps project existed.

18 Projects
New York: 5 projects
New Jersey: 11 projects
Delaware: 1 project
Virginia: 1 project

PROGRAMS	NUMBER OF PROJECTS
Repair and restoration of existing beach systems	25
Repair of federal navigational channels and structures	85
Construction of flood risk reduction projects	18
Study for project need	18
Small-scale project	9
Total	155



Map ID	Project Name	Map Index	Map ID	Project Name	Map ID
CT-01	Prospect Beach, West Haven, CT PL84-99	F 4	NJ-209	Port Monmouth, NJ	E 5
CT-02	Woodmont Beach, Milford, CT PL84-99	F 4	NJ-210	Union Beach, NJ	E 5
CT-101	Bridgeport Harbor, CT	F 4	NJ-211	Sandy Hook to Barnegat Inlet, NJ	E 5
CT-102	New Haven Harbor, CT O&M	F 4	NJ-212	South River, Raritan, NJ	E 5
CT-103	Stamford Hurricane Barrier	F 4	NJ-301	Poplar Brook, NJ 205	E 5
CT-104	Clinton Harbor, CT O & M	G 4	NJ-302	Seaside Park, (Shore Prot), NJ	E 6
CT-105	Little Narragansett Bay, RI OM	H 4	NJ-401	Alternative Long Term Nourishment, NJ	E 6
CT-301	Morris Cove, New Haven, CT-103	F 4	NJ-402	Delaware River Comprehensive, NJ	D 5
DE-01	Roosevelt Inlet to Lewes	D 7	NJ-403	Hereford Inlet / Cape May Inlet, NJ	D 7
DE-02	Rehoboth to Dewey, DE	D 7	NJ-404	Rahway River Basin, NJ	E 5
DE-03	Fenwick Island	D 8	NJ-405	Highlands Storm Damage	E 5
DE-04	Delaware Coast Protection, DE	D 7	NJ-406	Leonardo, NJ	E 5
DE-05	Bethany/South Bethany	D 7	NJ-407	Shrewsbury River, NJ	E 5
DE-101	Delaware River, Phil to Sea	C 6	NJ-408	Wreck Pond, NJ	E 5
DE-102	Indian River Inlet And Bay, DE	D 7	NY-01	Fire Island Inlet to Montauk Point, West of Sinnecock Inlet (WOSI)	G 4
DE-103	Intracoastal Waterway, Delaware to Cheasapeake Bay	C 6	NY-02	Fire Island Inlet to Montauk Point, NY Westhampton	G 5
DE-104	Wilmington Harbor, DE	C 6	NY-03	Fire Island Inlet and Shores West to Jones Inlet Gilgo Beach	F 5
DE-105	Project Condition Surveys, DE	D 7	NY-04	East Rockaway Inlet to Rockaway Inlet and Jamaica Bay, NY	E 5
DE-201	Broadkill Beach, DE	D 7	NY-05	Atlantic Coast of New York City, Rockaway Inlet (Coney Island)	E 5
DE-301	PA Ave.,Bethany, DE (SEC. 205)	D 7	NY-06	Oakwood Beach, NY	E 5
DE-401	Delaware River Dredged Material Utilization, DE	C 6	NY-101	Bay Ridge And Red Hook Channel	E 5
MA-101	Green Harbor, MA O&M	I 3	NY-102	Browns Creek, NY	F 5
MA-102	New Bed, Fairhvn, Acush Hr Bar	I 3	NY-103	East Rockaway Inlet, NY	E 5
MA-103	Newburyport Harbor, MA O&M	I 2	NY-104	Fire Island Inlet To Jones Inl	F 5
MA-104	Hyannis Harbor, MA O&M	I 3	NY-105	Great Kills Harbor	E 5
MA-105	Buttermilk Bay Channel, MA O&M	I 3	NY-106	Great South Bay, NY	F 5
MA-106	Falmouth Harbor, MA O&M	I 3	NY-107	Hudson River Channel, NY	E 4
MA-107	Cuttyhunk Harbor, MA O&M	I 4	NY-108	Hudson River, NY (maint)	E 4
MA-108	Nantucket Harbor of Refuge, MA	J 4	NY-109	Jamaica Bay, NY	E 5
MA-109	Menemsha Creek, MA O&M	I 4	NY-110	Jones Inlet, NY	F 5
MA-110	Rockport Harbor, MA O&M	I 2	NY-111	Lake Montauk Harbor, NY	G 4
MA-111	Cohassett Harbor, MA O&M	I 3	NY-112	Long Island Intracoastal Waterway	F 5
MA-301	Marshfield, MA - SEC 103	I 3	NY-113	Mattituck Harbor, NY	G 4
MA-302	Nantasket Beach 103	I 2	NY-114	Moriches Inlet, NY	F 5
MD-01	Atlantic Coast MD (Rehab Proj)	D 8	NY-115	New York Harbor, Drft Remove	E 5
MD-101	O&M-Baltimore Harbor, 50 FT	B 8	NY-116	Sag Harbor, NY	G 4
MD-102	O&M-Ocean City Harbor & Inlet	D 8	NY-117	Project Condition Survey, NY 2	E 5
MD-103	O&M-Wicomico River, MD	C 8	NY-201	Coney Island, NY	E 5
MD-301	Janes Island, Somerset County, MD 103	C 8	NY-202	Fire Island Inlet to Montauk Point (FIMP) NY - Westhampton Interim	G 4
ME-101	Wells Harbor, ME O&M	I 1	NY-203	Long Beach Island, NY	E 5
ME-102	Scarborough River, ME O&M	I 1	NY-204	Montauk Point, NY	H 4
ME-103	Kennebunk River, ME O&M	I 1	NY-205	Rockaway Beach, NY	E 5
NJ-01	Raritan Bay and Sandy Hook Bay, NJ Keansburg	E 5	NY-301	Island Park Beach, NY	E 5
NJ-02	Sandy Hook to Barnegat Inlet, NJ (Seabright to Manasquan)	E 5	NY-401	Hashamomuck Cove, NY	G 4
NJ-03	Barnegat Inl to Ltl Egg Hrb In	E 6	NY-402	Jamaica Bay, NY Environmental	E 5
NJ-04	Brigatine Island, NJ	E 6	NY-403	Lake Montauk, NY	G 4
NJ-05	Absecon Island, NJ	D 6	NY-404	Bayville, NY	F 4
NJ-06	Great Egg Harbor/Peck Beach	D 6	NY-405	Asharoken, NY	F 4
NJ-07	Townsend Inlet to Cape May	D 7	NY-406	Staten Island, NY	E 5
NJ-08	Cape May to Lwr Twp, NJ	D 7	PA-101	Delaware River, Phil to Trenton	D 5
NJ-101	Cheesequake Creek, NJ	E 5	PA-401	Delaware River Dredged Material, NJ	D 5
NJ-102	New York And New Jersey Channels	E 5	RI-01	Misquamicut Beach, Westerly, RI	H 4
NJ-103	New York Harbor, NY	E 5	RI-101	Block Island HOR, RI O&M	H 4
NJ-104	Newark Bay	E 5	RI-102	Pt. Judith HOR RI O&M	H 4
NJ-105	Raritan River To Arthur Kill	E 5	RI-103	Sakonnet Harbor, RI O&M	H 4
NJ-106	Raritan River, NJ	E 5	RI-401	Pawcatuck River, RI, Flood Study	H 4
NJ-107	Sandy Hook Bay At Leonardo, NJ	E 5	RI-402	Pawcatuck River & Rhode Island Coastal Investigation	H 4
NJ-108	Shark River, NJ	E 5	VA-01	Virginia Beach, VA (Hurricane Protection)	C 10
NJ-109	Shoal Harbor And Compton Creek	E 5	VA-02	Sandbridge Beach, VA	C 10
NJ-110	Shrewsbury River, Main Channel	E 5	VA-101	O&M-Little Wicomico River, VA	B 8
NJ-111	Keyport Harbor, NJ	E 5	VA-102	O&M Cape Charles City, VA	C 9
NJ-112	Project Condition Surveys, NJ	E 5	VA-103	O&M Chincoteague Inlet, VA	C 8
NJ-113	Barnegat Inlet, NJ	E 6	VA-104	O&M Norfolk Harbor Channel, VA	B 10
NJ-114	Cold Spring Inlet, NJ	D 7	VA-105	O&M Project Condition Surveys, VA	C 9
NJ-115	Manasquan River, NJ	E 5	VA-106	O&M Rudee Inlet, VA	C 10
NJ-116	New Jersey Intracoastal Waterway	E 5	VA-107	O&M Tangier Channel, VA	C 8
NJ-117	Salem River, NJ	C 6	VA-108	O&M Waterway Coast Of Virginia	C 8
NJ-118	Absecon Inlet, NJ	E 6	VA-109	O&M Norfolk Harbor Craney Island, VA	B 10
NJ-119	Project Condition Surveys, NJ	E 5	VA-110	O&M Tylers Beach, VA	B 9
NJ-120	Toms River, NJ	E 6	VA-111	O&M Bennett Creek, VA	B 10
NJ-201	Barnegat Inlet to Little Egg Harbor Inlet	E 6	VA-112	O&M Onancock River, VA	C 9
NJ-202	Abescon Island, NJ	D 6	VA-113	O&M Starlings Harbor, VA	C 8
NJ-203	Oakwood Beach, NJ	C 6	VA-114	O&M Blackwater River, VA	B 10
NJ-204	Great Egg Harbor Inlet to Townsends Inlet	D 7	VA-115	O&M James River, VA	B 9
NJ-206	Minish Park, NJ	E 4	VA-116	O&M Lynnhaven Inlet, VA	C 10
NJ-207	Manasquan Inlet to Barnegat Inlet	E 6	VA-201	Willoughby Spit, Norfolk, VA	B 10
NJ-208	Passaic River Mainstem, NJ	E 5	VA-301	CAP Pretty Lake, VA 205	B 10
			VA-302	CAP Hague, VA 205	B 10

For more information on specific projects, locate its district using the boundaries on the map and visit the website listed below. Phone and e-mail contacts are on the reverse side.

New England District http://www.nae.usace.army.mil/
New York District http://www.nan.usace.army.mil/
Philadelphia District http://www.nap.usace.army.mil/

Baltimore District http://www.nab.usace.army.mil/
Norfolk District http://www.nao.usace.army.mil/