

FUNDING PROGRAMS

U.S. ARMY CORPS OF ENGINEERS

Amy M. Guise
Chief, Planning Division
Baltimore District

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AGENDA

- **USACE Programs**

- **Project-Specific Authorities**

- **Technical Assistance – no design or construction**

- Floodplain Management Services (FPMS)
 - Planning Assistance to States (PAS)

- **(Small) Study, Design “AND” Construction**

- Continuing Authorities Program (CAP)

- **(Small) Study, Design “OR” Construction**

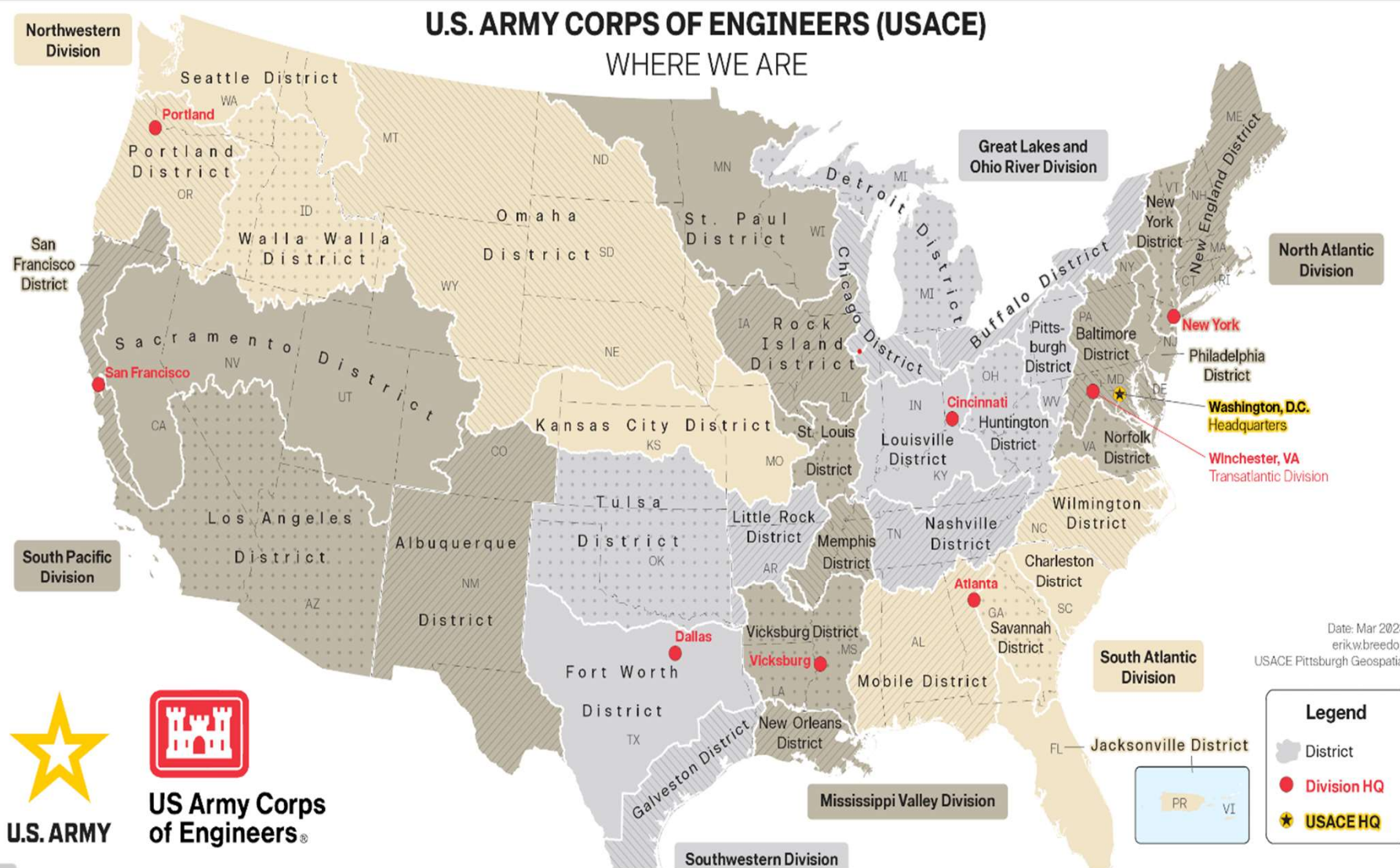
- Section 510, Chesapeake Bay Environmental Restoration and Protection
 - Section 219
 - Section 313
 - Section 571



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USACE LOCATIONS



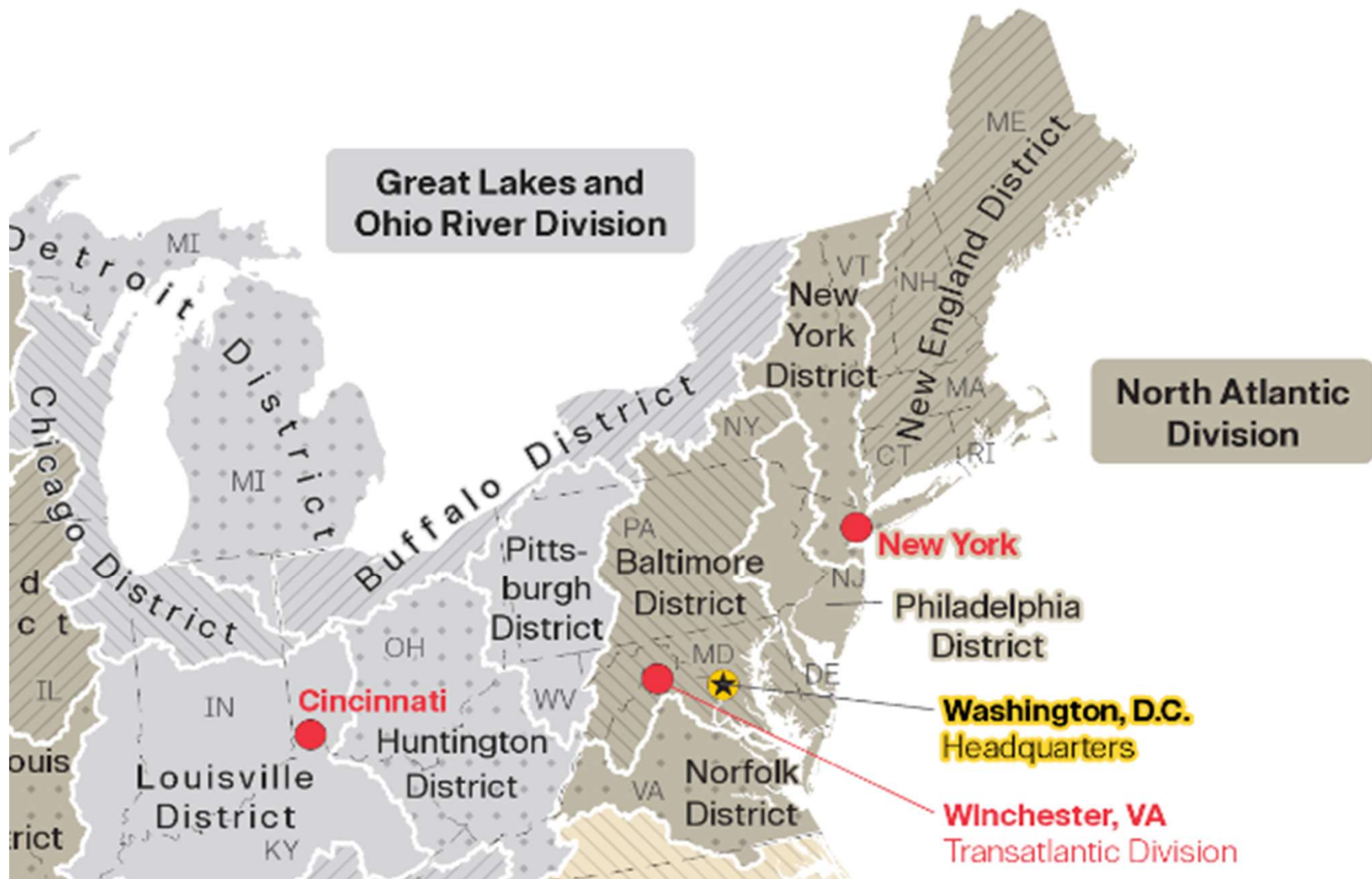
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BALTIMORE AND NORFOLK DISTRICTS



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PROJECT-SPECIFIC AUTHORITIES

- Congressionally directed study and/or construction
- 4 Actions by Congress
 - Study Authorization – Water Resources Development Act
 - Study Appropriations – 3+ year studies
 - Construction Authorization – Water Resources Development Act
 - Construction Appropriations
- Examples
 - Poplar and Mid-Bay Islands
 - Norfolk Coastal Storm Risk Management
 - Chesapeake Bay Oyster Restoration
 - And MANY MANY more....



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FLOODPLAIN MANAGEMENT SERVICES (FPMS)

Purpose – “All things flood”

Types of Projects

- Flood inundation tools and mapping, flood risk outreach, flood risk assessments, mitigation planning, post-flood documentation, emergency table-top exercises, flood preparedness, etc.

Funding/Cost-Sharing

- 100% Federal funds, with non-federal voluntary contributions allowed to expand the scope of the study

How to Get Started? What's Required?

- Contact the Program Manager
- Federal and non-federal partners sign a Letter of Agreement, if non-federal contribution

More Information

- Stacey Underwood, Program Manager, Baltimore District
410-962-4977
Stacey.m.underwood@usace.army.mil
- Faraz Ahmed, Program Manager, Norfolk District
757-201-7779
Faraz.Ahmed@usace.army.mil
- <http://www.nab.usace.army.mil/technical-services/>



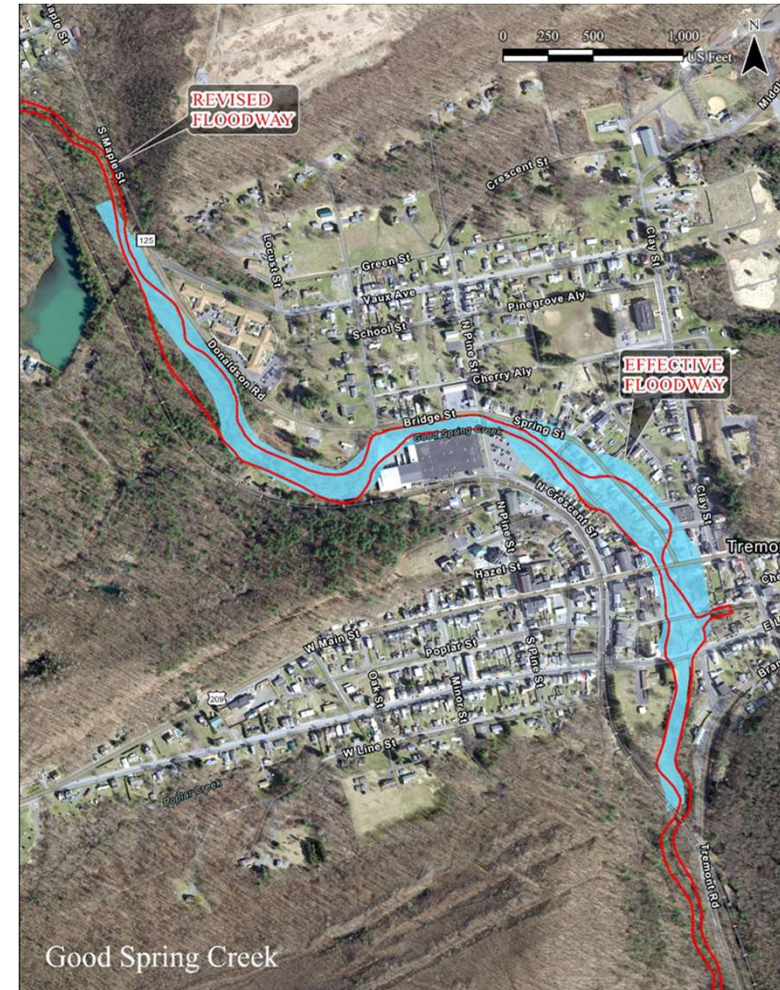
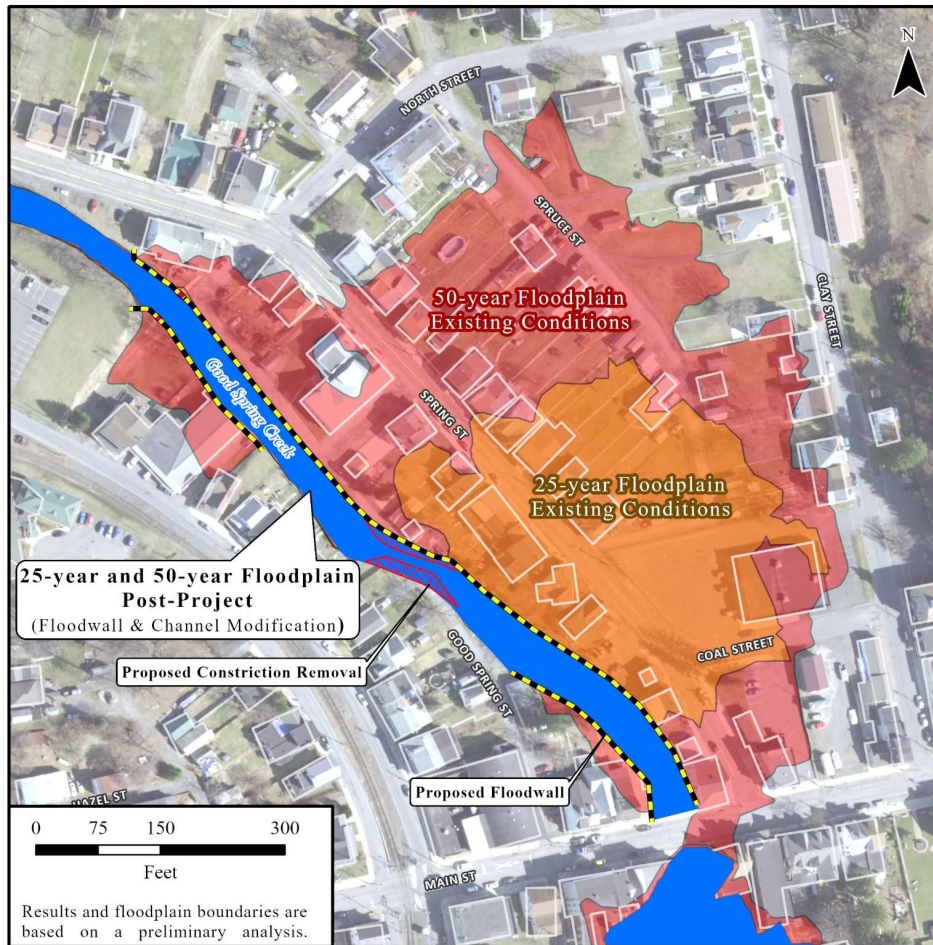
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FPMS – BOROUGH OF TREMONT **RIVERINE** FLOOD RISK MANAGEMENT STUDY

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Floodplain Mapping – Flood Hazard Boundaries delineated, Federal Emergency Management Agency (FEMA) Flood Profiles and Floodway Data Tables developed for Good Spring Creek, Middle Creek and the open channel portion of Poplar Creek.



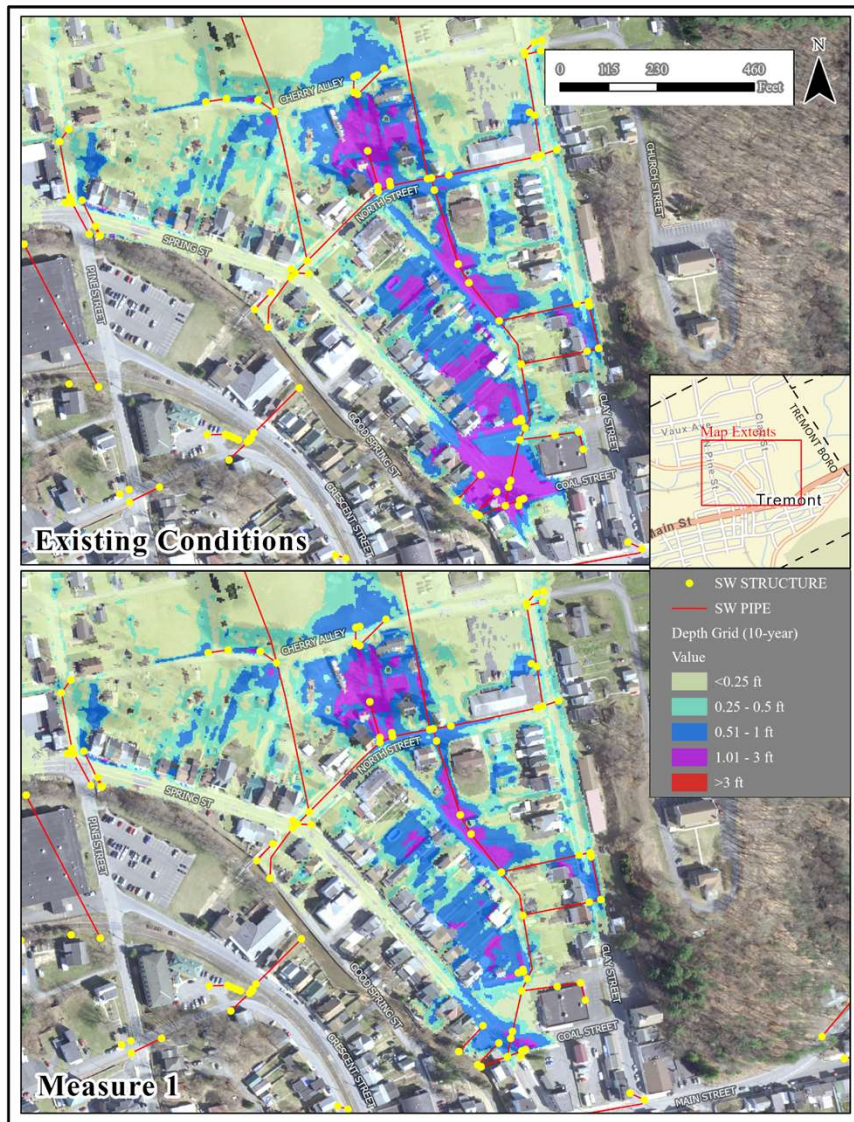
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FPMS – BOROUGH OF TREMONT STORMWATER MANAGEMENT STUDY FINDINGS

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Measure #1: Upsizing the Main Street Trunk Line



- Stormwater flooding issues are not eliminated, though maximum flood depth during a 10-year storm is reduced from 2.2 ft to 1.2 ft.
- The estimated construction cost of Measure #1 is \$274,000 (in 2022 dollars)



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PLANNING ASSISTANCE TO STATES (PAS)

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Purpose – “**All things water**”

Types of Projects

- Stream and wetland assessments, sewer infrastructure inventories and databases, watershed planning, flood risk assessments and flood risk management studies, GIS mapping, water supply demands, etc.

Funding/Cost-Sharing

- 50% federal/50% non-federal
 - Non-federal voluntary contributions in excess of cost-share requirement
 - Opportunity for public-private partnerships; May include in-kind services
- **New Guidance!! Economically disadvantaged communities are exempt from the cost-share (100% USACE funded)**

How to Get Started? What's Required?

- Contact the Program Manager
- Federal and non-federal partners sign a Letter of Agreement

More Information

- Karl Kerr, Program Manager, Baltimore District
410-962-4417
Karl.Kerr@usace.army.mil
- Kimberly Koelsch, Program Manager (Norfolk District)
(757) 201-7837
Kimberly.C.Koelsch@usace.army.mil
- <http://www.nab.usace.army.mil/technical-services/>



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CONTINUING AUTHORITIES PROGRAM (CAP)

Purpose – planning, design and construction for projects generally less than \$15M

Types of Projects

- Section 14: Emergency Streambank and Shoreline Protection
- Section 103: Beach Erosion and Hurricane and Storm Damage Reduction
- Section 107: Navigation Improvements
- Section 111: Mitigation of Shoreline Erosion Damage caused by Federal Navigation Work
- Section 204: Regional Sediment Management & Beneficial Use of Dredged Material
- Section 205: Flood Risk Management
- Section 206: Aquatic Ecosystem Restoration
- Section 208: Snagging & Clearing for Flood Risk Management
- Section 1135: Project Modifications for Improvement to the Environment



Funding/Cost-Sharing

- Varies
- Non-federal share may include in-kind services
- **New Pilot!! 20 Economically disadvantaged communities to be selected for 100% funding**
 - Application deadline 20 October 2023; Contact the Program Manager

How to Get Started? What's Required?

- Contract the Program Manager
- Provide a Letter of Intent (examples located on CAP website below)
- Sign a feasibility cost-sharing agreement (located on website)

More Information

- <http://www.nab.usace.army.mil/Missions/Civil-Works/cap/>



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Summary of Continuing Authorities

Purpose	Authority	Feasibility Cost Share Fed / Non-Fed	Implementation Cost Share Fed / Non-Fed	Federal Project Limit
Emergency Stream Bank and Shoreline Protection	Section 14, 1946 Flood Control Act, as amended	100% / 0% for initial \$100,000; 50% / 50% remaining cost	65% / 35% ¹	\$ 10,000,000
Hurricane and Storm Damage Reduction (Beach Erosion)	Section 103, 1962 River and Harbor Act, as amended	100% / 0% for initial \$100,000; 50% / 50% remaining cost	65% / 35%	\$ 10,000,000
Navigation Improvements	Section 107, 1960 River and Harbor Act, as amended	100% / 0% for initial \$100,000; 50% / 50% remaining cost	Varies, based on depth	\$ 10,000,000
Mitigation to Shore Damage Attributable to Navigation Works	Section 111, 1968 River and Harbor Act, as amended	100% / 0% for initial \$100,000; Shared in same proportion as project causing damage	Shared in same proportion as project causing damage	\$ 12,500,000
Regional Sediment Management	Section 204, 1992 Water Resources Development Act, as amended	100% / 0%	65% / 35% ^{1, 2}	\$ 10,000,000
Flood Damage Reduction	Section 205, 1948 Flood Control Act, as amended	100% / 0% for initial \$100,000; 50% / 50% remaining cost	65% / 35% ^{1, 2}	\$ 10,000,000
Aquatic Ecosystem Restoration	Section 206, 1996 Water Resources Development Act, as amended	100% / 0% for initial \$100,000; 50% / 50% remaining cost	65% / 35%	\$ 10,000,000
Snagging and Clearing for Flood Damage Reduction	Section 208, 1954 Flood Control Act, as amended	100% / 0% for initial \$100,000; 50% / 50% remaining cost	65% / 35% ¹	\$ 500,000
Project Modifications for Improvements to the Environment	Section 1135, 1986 Water Resources Development Act, as amended	100% / 0% for initial \$100,000; 50% / 50% remaining cost	75% / 25%	\$ 10,000,000

¹ For structural flood damage reduction purpose, Non-Fed share is 35% up to 50% (based on cost of LERRDs), plus 5% must be in cash.

² For non-structural flood damage reduction purpose, Non-Fed share limited to 35%, with no 5% cash requirement.



CAP – PAINT BRANCH, MD



Partner: Prince George's County, Maryland

Program: Aquatic Ecosystem Restoration, Section 206

Project Description:

- Self-sustaining dimension, pattern and profile
- Increases/enhanced fish habitat
- Improved sediment transport
- Created migratory fish passage
- Eliminated risk of sewer line failure



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CONTINUING AUTHORITIES PROGRAM (CAP)

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Points of Contact

- Program Manager (Baltimore District)
Mr. Andrew Roach
(410) 962-8156
Andrew.a.roach@usace.army.mil
- Program Manager (Norfolk District)
Ms. Kimberly Koelsch
(757) 201-7837
Kimberly.C.Koelsch@usace.army.mil

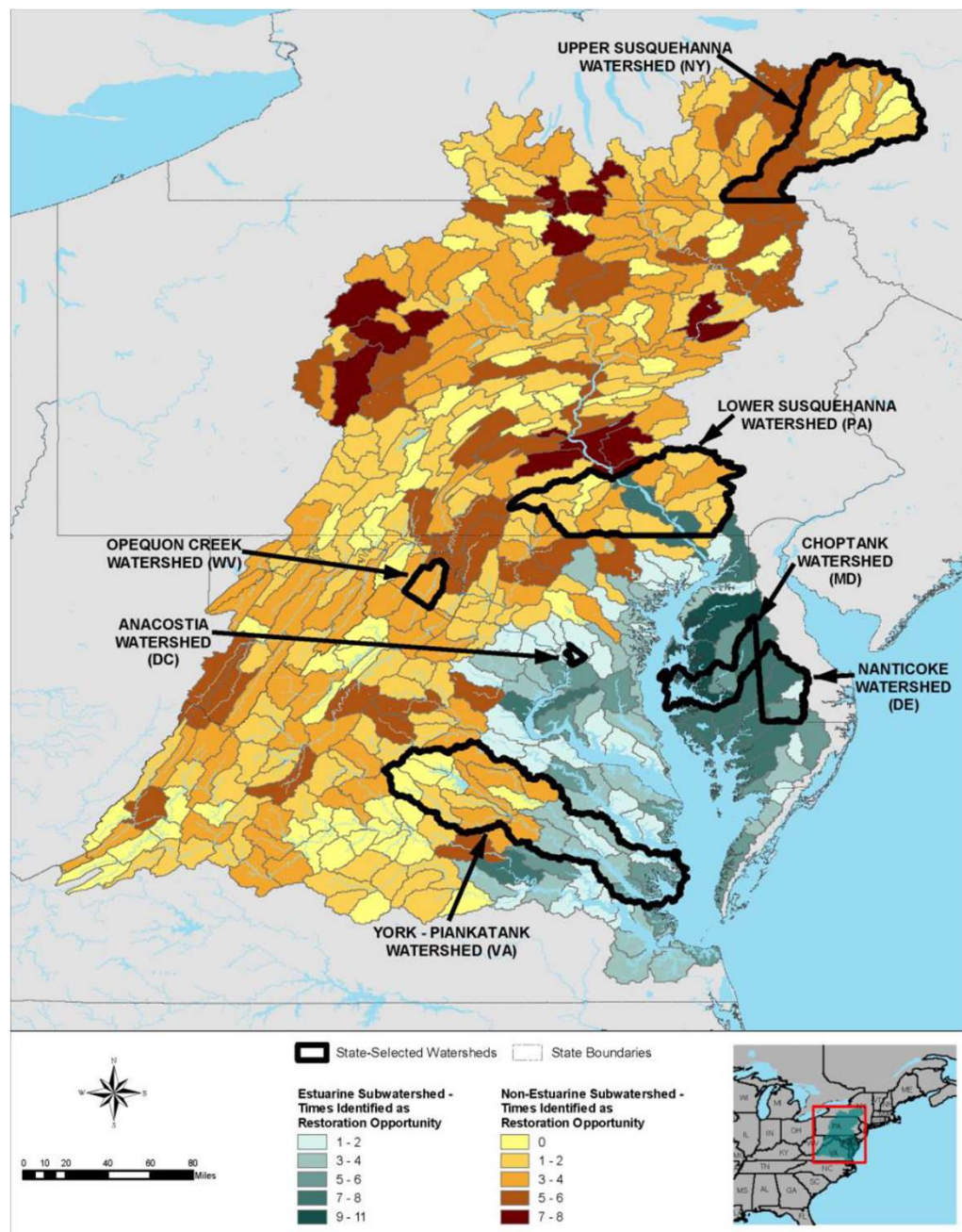


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SECTION 510 PROGRAM

CHESAPEAKE BAY ENVIRONMENTAL RESTORATION AND PROTECTION



Chesapeake Bay Comprehensive Plan

Sub-watersheds evaluated based on opportunity to contribute to each goal(s)
= co-benefits

- Stream Restoration
- Fish Passage
- Wetland Restoration
- Riparian Buffers
- ...and More....

Comp Plan products used by many stakeholders toward shared goals

Opportunities exist in EACH sub-watershed



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SECTION 510 PROGRAM

CHESAPEAKE BAY ENVIRONMENTAL RESTORATION AND PROTECTION

Purpose – Design and Construction assistance for water-related projects within the Chesapeake Bay Watershed – up to \$15M.

Types of Projects

- Sediment and erosion control
- Protection of eroding shorelines
- Ecosystem restoration, including submerged aquatic vegetation
- Protection of essential public works
- Beneficial Uses of Dredged Material
- Other related projects that may enhance the living resources of the estuary

Funding/Cost-Sharing

- Scoping phase is 100% federally funded
- Everything beyond Scoping phase is cost-shared at
 - 75% federal and 25% non-federal
- Planning (Feasibility) phase is paid for up-front with federal funds
 - Retroactively cost-shared once a Project Partnership agreement is signed

How to Get Started? What's Required?

- Contact the Program Manager
- Provide a Letter of Intent to start Scoping phase
- Sign a Project Partnership Agreement (after Scoping & Planning phases)
 - Prior to starting Implementation (Design and Construction) Phase.



More Information

- Sample Letter of Request can be provided upon request



SEC 510 – PLUM CREEK, STREAM RESTORATION



Partner: Conewago Township, Adams County, PA

Program: Section 510, Chesapeake Bay Environmental Restoration and Protection Program

Project Description:

- Daylight the creek
- Restoring the stream to a more natural state
- Restoring roughly 1,500 linear feet of stream
- Reconnect the stream to the floodplain
- Construct an environmentally friendly and sustainable traffic bridge



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SEC 510 – MONEY POINT, AQUATIC ECOSYSTEM RESTORATION



Partner: Elizabeth River Project (Non-profit)

Program: Section 510, Chesapeake Bay Environmental Restoration and Protection Program

Project Description:

- Restore benthic habitat
- Remove contaminated sediment
- Increase fish biodiversity
- Reduce cancer lesions in mummichogs due to contaminants in water column
- Reduce bioaccumulation of toxins in higher trophic levels



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SECTION 510 PROGRAM

Points of Contact

- Planning Program Manager (Baltimore District)
Mr. Christopher Johnson
(410) 962-2926
Christopher.a.johnson@usace.army.mil
- Project Manager (Norfolk District)
Ms. Heather Lockwood
(757) 201-7271
Heather.Lockwood@usace.army.mil



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ENVIRONMENTAL INFRASTRUCTURE PROGRAMS

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Section 219 – Environmental Infrastructure Program (400+)

- Wastewater treatment, water supply and related infrastructure
- 75% federal/25% non-federal
- <https://www.nab.usace.army.mil/Portals/63/MD-Sec219%20All%20of%20Maryland-CG-FY23.pdf>
- Contact: Justin Callahan (410) 962-6693, email justin.callahan@usace.army.mil

Section 313 – South Central PA Environmental Improvement Program (17 counties)

- Wastewater treatment, water supply and related infrastructure
- 75% federal (reimbursement)/25% non-federal
- Contact: Justin Callahan (410) 962-6693, email justin.callahan@usace.army.mil

Section 571 – West Virginia (18 counties)

- Wastewater treatment, water supply and related infrastructure
- 75% federal (reimbursement)/25% non-federal
- [Section 571 Central West Virginia Environment Infrastructure Program, WV - Booklets, Manuals, and Guides - USACE Digital Library \(oclc.org\)](#)
- Contact: Justin Callahan (410) 962-6693, email justin.callahan@usace.army.mil



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THANK YOU!

Questions and Discussion



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