

CIVIL WORKS DIRECTORATE PLANNING AND POLICY UPDATE

NWC LEGISLATIVE SUMMIT

MR. JOSEPH REDICAN
DEPUTY CHIEF,
PLANNING AND POLICY DIVISION
APRIL 26, 2022



US Army Corps
of Engineers®



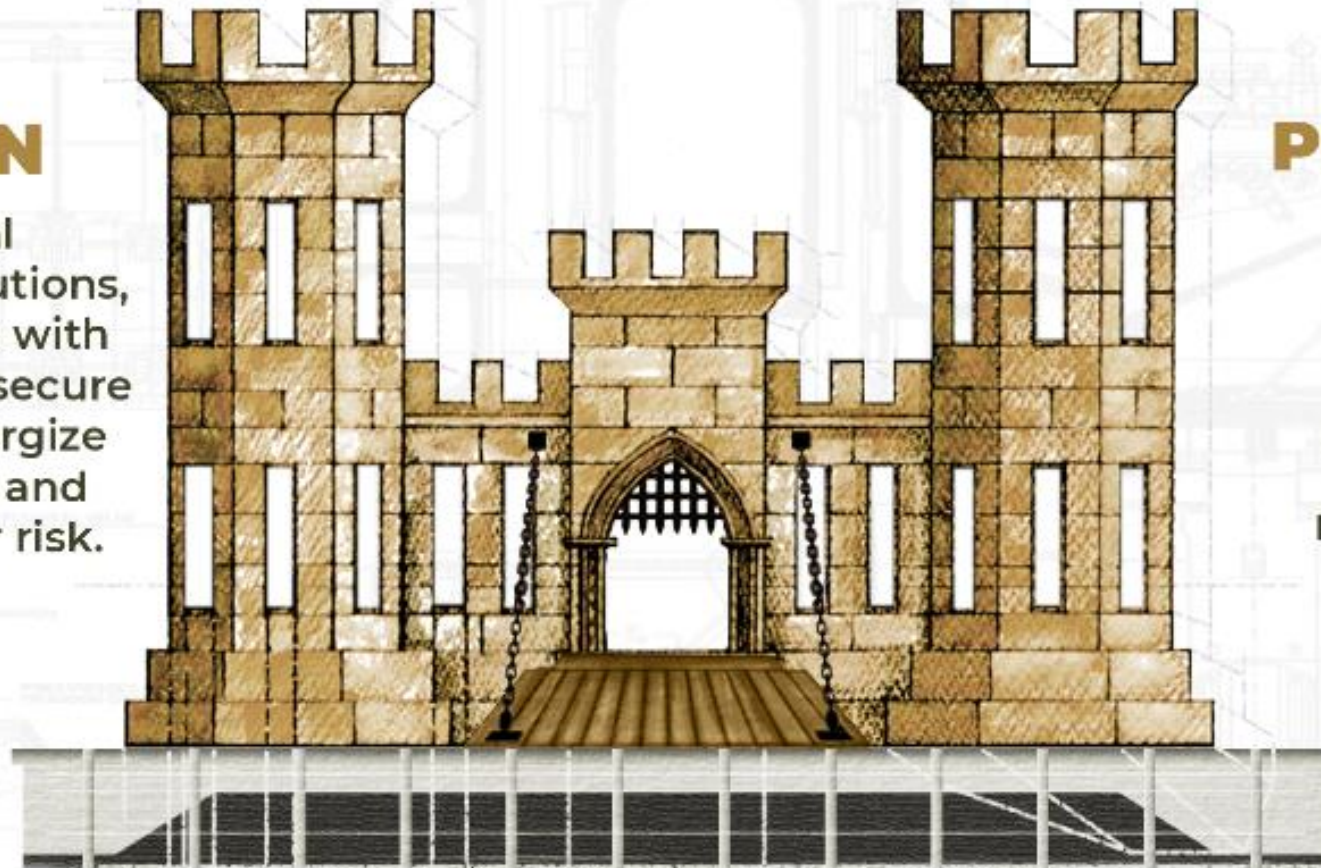
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U.S. ARMY CORPS OF ENGINEERS

MISSION

Deliver vital engineering solutions, in collaboration with our partners, to secure our Nation, energize our economy, and reduce disaster risk.



PRIORITIES

- PEOPLE
- READINESS
- PARTNERSHIPS
- REVOLUTIONIZE

ENGINEERING SOLUTIONS FOR THE NATION'S TOUGHEST CHALLENGES

Winning = FINISHING quality projects on-time and within budget, safely
(LTG Spellmon, 55th Chief of Engineers)



WATER RESOURCE DEVELOPMENT ACT (WRDA) OF 2020



- 20 pieces of Implementation Guidance Completed



- Working with the Assistance Secretary of Army for Civil Works on Remaining Provisions



CHIEF'S REPORTS COMPLETED SINCE WRDA 2020



17 Completed Chief's Reports for a total of \$36 Billion since WRDA 2020

- 3 Navigation
- 7 Coastal Storm Risk Management
- 5 Flood Risk Management
- 1 Environmental Restoration
- 1 Coastal Storm Risk Management and Environmental Restoration



DEPARTMENT OF THE ARMY
CHIEF OF ENGINEERS
2600 ARMY PENTAGON
WASHINGTON, D.C. 20310-2600

DAEN

SEP 16 2021

SUBJECT: Coastal Texas Protection and Restoration

THE SECRETARY OF THE ARMY

1. I submit for transmission to Congress my report on coastal Texas protection and restoration which includes the coastal communities and shoreline of Texas. It is accompanied by the report of the Galveston District Commander. These reports are an interim response to a resolution from the Committee on Environment and Public Works dated June 23, 2004, entitled "Coastal Texas Protection and Restoration Study." The resolution provides for a study to "develop a comprehensive plan for severe erosion along coastal Texas for the purposes of shoreline erosion and coastal storm damages, providing for environmental restoration and protection, increasing natural sediment supply to coast, restoring and preserving marshes and wetlands, improving water quality, and other related purposes to the interrelated ecosystem along the coastal Texas area." Preconstruction engineering and design (PED) activities, if funded, would be continued under the authority provided by the resolution cited above.

2. The reporting officers recommend a systemwide risk management strategy for the coastline of Texas integrating structural and non-structural coastal storm damage risk reduction actions with ecosystem restoration actions to enhance the resiliency of coastal communities and the living shoreline from coastal storms. The recommended plan is hereinafter referred to as the Coastal Texas Resiliency Improvement Plan (CTRIP).

3. The location of potential improvements or other alternative plans were limited to areas within the Texas Coastal Zone Boundary. Texas has 367 miles of coastline within which 21 major river basins terminate. The Texas shoreline is characterized by seven barrier islands (Galveston, Follets, Matagorda, St. Joseph's (San José), Mustang, Padre, and Brazos), with 12 National Wildlife Refuges and 35 Coastal Barrier Resources Act (CBRA) Units (totaling 702,879 acres) under Department of Interior management. Bolivar Peninsula also acts like a barrier island due to its location along the Gulf shoreline. The CTRIP was developed using a comprehensive approach that resulted in robust multiple lines of defense to provide redundancy and resiliency against future storm and erosion damage.

4. The reporting officers recommend a combined National Economic Development (NED) Plan and National Ecosystem Restoration (NER) Federal Plan that includes coastal storm risk management (CSRM) and ecosystem restoration (ER) features functioning as a system to reduce the risk of coastal storm damages to natural and man-made infrastructure and to restore degraded coastal wetlands. Several ER

Name	State
Fairfield and New Haven Counties, Connecticut, Coastal Storm Risk Management	CT
Elim Subsistence Harbor, Elim, Alaska	AK
Prado Basin Ecosystem Restoration, San Bernardino, Riverside and Orange Counties, California	CA
Lower Cache Creek, Yolo County, Woodland and Vicinity, California	CA
Portland Metro Levee System, Portland, Oregon	OR
Coastal Texas Protection and Restoration	TX
San Juan Metropolitan Area, Puerto Rico, Coastal Storm Risk Management	PR
Florida Keys, Monroe County, Florida Coastal Storm Risk Management	FL
Okaloosa County, Florida, Coastal Storm Risk Management	FL
Selma, Alabama, Flood Risk Management and Bank Stabilization	AL
Port of Long Beach Deep Draft Navigation, Los Angeles County, California	CA
Folly Beach, South Carolina Coastal Storm Risk Management	CA
Valley Creek Flood Risk Management, Bessemer and Birmingham, Alabama	AL
Pinellas County, Florida, Treasure Island and Long Key Segments, Coastal Storm Risk Management	FL
Papillion Creek and Tributaries Lakes, Nebraska	NE
Upper Barataria Basin, Louisiana, Hurricane and Storm Damage Risk Reduction	LA
Brunswick Harbor Modifications, Glynn County, Georgia	GA




DIRECTOR'S REPORTS COMPLETED SINCE WRDA 2020



3 Completed Director's Reports for a total of \$1.9 Billion since WRDA 2020

- 2 Coastal Storm Risk Management
- 1 Flood Risk Management



Washington, DC & Vicinity Local Flood Protection


U.S. ARMY CORPS OF ENGINEERS BUILDING STRONG®

FACT SHEET as of February 1, 2021

AUTHORIZATION: Washington, DC & Vicinity Local Flood Protection Project - Flood Control Act of 1936 and 1946; Section 301 of the Water Resources Development Act (WRDA) of 1996; and Section 309 of WRDA 1999.

TYPE OF PROJECT: Flood Risk Management

PROJECT PHASE: Construction



CONGRESSIONAL INTEREST: Delegate Norton (D.C.)

NON-FEDERAL SPONSOR: N/A – the project is on federal lands maintained by the National Park Service.

BACKGROUND: The original project completed in 1939, consists of a levee between the Lincoln Memorial and the Washington Monument; a raised section of P Street SW, adjacent to Fort McNair; and three temporary sandbag closures at 23rd Street and Constitution Avenue NW; 17th Street and Constitution Avenue NW; and 2nd and P Street SW. Project modifications authorized in 1996, provide improvements to the levee system. In January 2007, the Corps determined that the sandbag and Jersey barrier closure at 17th Street was an unreliable closure and issued the National Park Service (the levee owner) an unacceptable levee inspection rating. As a result of this rating, Federal Emergency Management Agency (FEMA) "de-accredited" the levee as safely containing the 100-year flood event and released new Flood Insurance Rate Maps (FIRM) on September 27, 2010, that shows no flood protection being provided behind the levee system. Concerned about the risk and potential economic impact to its citizens resulting from FEMA revising the FIRM, the City and its consultant initiated design of a more reliable post and panel closure structure across 17th Street. The Corps received 2009 American Recovery and Reinvestment Act (ARRA) funds in 2009 and 2010 to finalize design and award the construction contract for the more reliable 17th Street closure. The \$3.8M 17th Street closure construction was completed in December 2014. A levee system evaluation was completed in April 2016, to support FEMA accrediting the levee system as providing protection against a 100-year riverine flood event. FEMA issued a Letter of Map Revision which became effective on September 13, 2016.

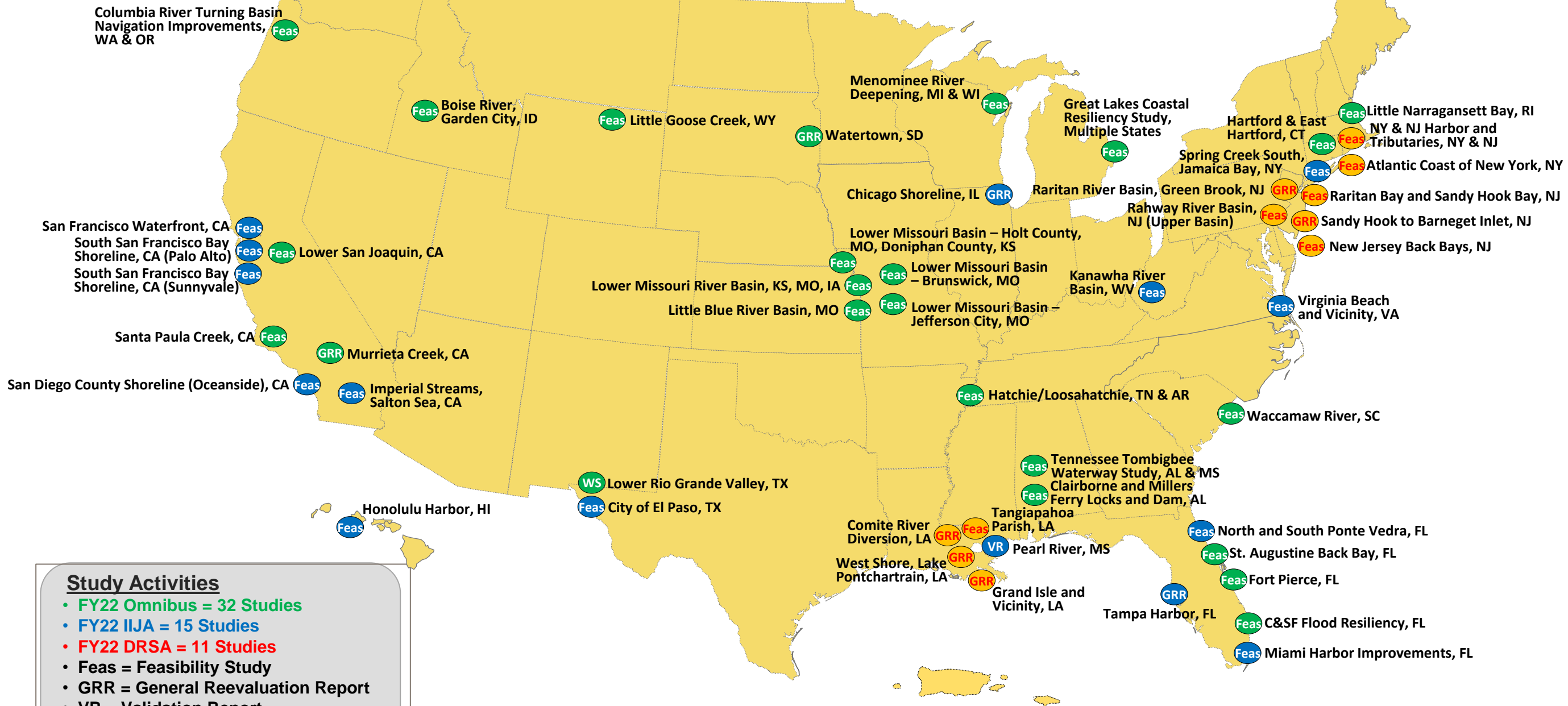
Construction of the remaining authorized modifications requires Congress to authorize an increase in the project cost. A Post Authorization Change Report and the revised project cost estimate are being prepared for Congressional authorization. Once additional cost authorization and appropriations are provided, the project will be completed by replacing the temporary closure at 23rd Street and Constitution Street with a permanent closure and raising the levee to a uniform elevation to provide at least 3.5 feet of freeboard protection.

Name	State
Washington, D.C. and Vicinity Flood Risk Management	DC
Lake Pontchartrain and Vicinity, Louisiana	LA
West Bank and Vicinity, Louisiana	LA



FISCAL YEAR 2022 INVESTIGATIONS - ALL

As of 14 APR 2022



Study Activities

- FY22 Omnibus = 32 Studies
- FY22 IIJA = 15 Studies
- FY22 DRSA = 11 Studies
- Feas = Feasibility Study
- GRR = General Reevaluation Report
- VR = Validation Report
- WS = Watershed Study



POLICY GUIDANCE UPDATES



Comprehensive Benefits

- Assistant Secretary of the Army (Civil Works) policy directive entitled “Comprehensive Documentation of Benefits in Decision Document” dated January 5, 2021



More Efficiently Leveraging Existing Projects

- Beneficial use of Dredged Materials



Environmental Justice

- Assistant Secretary of the Army (Civil Works) policy directive entitled “Implementation of Environmental Justice and the Justice40 Initiative” dated March 15, 2022

Planning Guidance Updates

- Tribal Partnership Program
- Planning Guidance Notebook (ER 1105-2-100)

CECW-P Engineer Regulation 1105-2-100	Department of the Army U.S. Army Corps of Engineers Washington, DC 20314-1000	ER 1105-2-100 22 April 2000
	Planning PLANNING GUIDANCE NOTEBOOK	
	Distribution Restriction Statement Approved for public release; distribution is unlimited.	

BRIEFING ROOM

Executive Order On Advancing Racial Equity and Support for Underserved Communities Through the Federal Government

JANUARY 20, 2021 • PRESIDENTIAL ACTIONS



ADDITIONAL POLICY GUIDANCE FOCUS



Working with Assistant Secretary of the Army (Civil Works) on Administration Priorities:

- Principles, Requirements and Guidelines

- Climate Change and Environmental Justice

NEWS & UPDATES

CEQ Publishes Draft Climate and Economic Justice Screening Tool, Key Component in the Implementation of President Biden's Justice40 Initiative

FEBRUARY 18, 2022 • PRESS RELEASES

Screening Tool Will Help Federal Agencies Ensure that the Benefits of Federal Programs are Reaching Disadvantaged Communities

Today, the White House Council on Environmental Quality (CEQ) released a beta version of the Climate and Economic Justice Screening Tool (CEJST), a major step toward addressing current and historic environmental injustices and fulfilling a key campaign promise from President Biden.

Updated Principles, Requirements and Guidelines for Water and Land Related Resources Implementation Studies

The Principles, Requirements and Guidelines for Water and Land Related Resources Implementation Studies (PR&G) govern how Federal agencies evaluate proposed water resource development projects. Since 1983, the P&G have provided direction to Federal agencies when evaluating and selecting major water projects, including projects related to navigation, storm resilience, wetland restoration, and flood prevention.

The 1983 standards used a narrow set of parameters to evaluate water investments that made it difficult for Federal agencies to support a range of important projects that communities want, or in some cases precluded support for good projects. Lack of local support for selected projects can lead to substantial delays, costing taxpayers and leaving communities at risk.

In the Water Resources Development Act of 2007, Congress instructed the Secretary of the Army to develop a new P&G for the U.S. Army Corps of Engineers (section 2031). To promote consistency and informed decision making, the Obama Administration in 2009 began the process of updating the PR&G for Federal agencies engaged in water resources planning, including the U.S. Army Corps of Engineers, Environmental Protection Agency, Department of Agriculture, Department of the Interior, National Oceanic and Atmospheric Administration, Tennessee Valley Authority, Federal Emergency Management Agency, and Office of Management and Budget.

In December 2013, the Administration released updated P&G that included a final set of Principles & Requirements that lays out broad principles to guide water investments, and final Interagency Guidelines for implementing the Principles & Requirements. Developed by Federal agencies and incorporating extensive public comment, the modernized PR&G will help accelerate project approvals, reduce costs, and support water infrastructure projects with the greatest economic and community benefits. They will also allow agencies to better consider the full range of long-term economic benefits of protecting communities against future storm damage, promoting recreational opportunities that fuel local business, and supporting other locally driven priorities.

Prepare for and Implement WRDA 2022



U.S. Army Corps of Engineers

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THANK YOU...

We look forward to continuing to work with you as
we Deliver the Mission for America