



Presentation to 2020 National Waterways Conference  
Legislative Summit  
10 March 2020

Mr. Alvin B. Lee  
Director of Civil Works  
HQ – U.S. Army Corps of Engineers

***World-Class Delivery...  
Real-World Impact!***



**US Army Corps  
of Engineers**



# Army Civil Works National Leadership



Department of the Army



LTG Todd Semonite  
Chief of Engineers



HON R.D. James  
ASA(CW)



Ryan Fisher  
PDASA



Vance Stewart, SES  
DASA, Mgt/Budg



David Leach, SES  
DASA, Proj Review



Awaiting  
Official  
Photo

Darren Lingle  
DASA, Policy/Legislate



HQ,  
US Army  
Corps of  
Engineers



MG Scott Spellmon  
DCG-Civil/Emerg Ops



Alvin Lee, SES  
Director of Civil Works



Eddie Belk, SES  
Chief, Programs



Dr. Christine Altendorf, SES  
Chief, Eng & Const



Stacey Brown, SES  
Chief, Planning/Policy



Tom Smith, SES  
Chief, Ops/Reg



Alex Dornstauder  
Interim Director, Contingency  
Ops



Dr. Joe Manous  
Director, Institute for  
Water Resources

## Other Senior Leaders:

MG Richard Kaiser  
Brenda Johnson-Turner, SES  
Lara Beasley, *(acting)*  
Sally Pfenning, SES  
Dr. David Pittman, SES  
David Cooper, SES  
Jill Stiglich, SES

DCG - USACE  
Real Estate  
Environmental  
IIS  
ERDC  
Chief Counsel  
Contracting



# Directorate of Civil Works



Deputy Commanding General, Civil and Emergency Operations  
**MG Scott Spellmon**



Director of Civil Works  
**Mr. Alvin Lee**



**Mr. Thomas Smith, P.E.**  
Chief of  
Operations and Regulatory Division  
Great Lakes and Ohio River Div. RIT (CECW-LRD)  
North Atlantic Div. RIT (CECW-NAD)



**Ms. Stacey Brown**  
Chief of  
Planning and Policy Division  
Mississippi Valley Div. RIT (CECW-MVD)  
Southwestern Div. RIT (CECW-SWD)



**Mr. Alex Dornstauder**  
Interim Chief of  
Office of Homeland Security  
Director of Contingency Operations  
Northwestern Div. & Pacific Ocean Div. RIT (CECW-NWD/POD)



**Dr. Christine Altendorf, P.E.**  
Chief of  
Engineering and Construction Division  
South Atlantic Div. RIT (CECW-SAD)  
South Pacific Div. RIT (CECW-SPD)



**Mr. Edward Belk, P.E.**  
Chief of  
Programs Integration Division  
Program & Project Management CoP



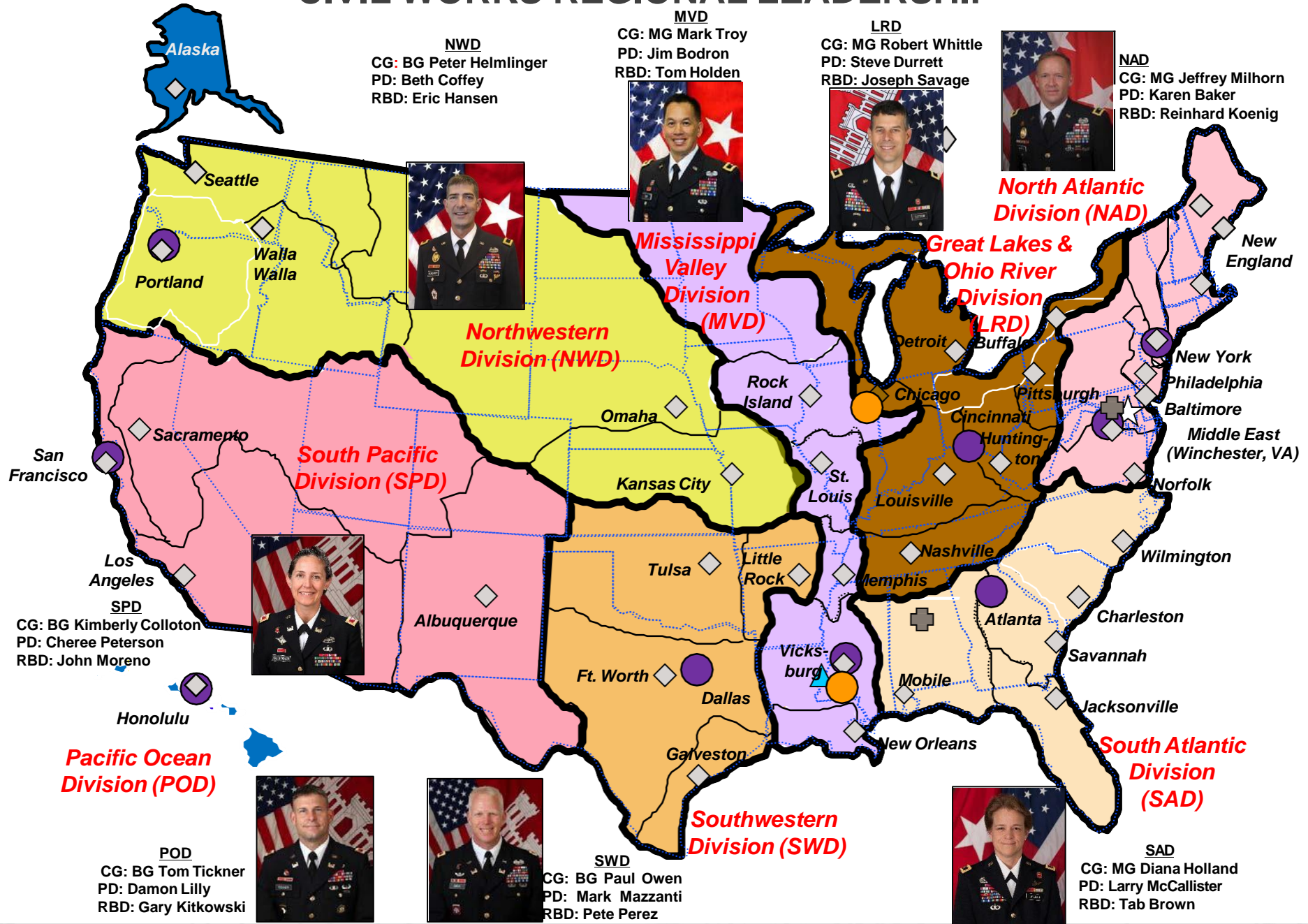
**Dr. Joe Manous, P.E.**  
Director of  
Institute for Water Resources

*Transition- March 2020*



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# CIVIL WORKS REGIONAL LEADERSHIP







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# REVOLUTIONIZE

U.S. Army Corps of Engineers Civil Works

**Revolutionize USACE Civil Works (CW) to expedite delivery of our nation's infrastructure by synchronizing actions, developing new tools, and streamlining activities.**

Objective 1



Accelerate  
Project Delivery

Objective 2



Transform Project  
Financing &  
Budgeting

Objective 3



Improve  
Permitting &  
Regulation  
Reform

Supported by Strategic Engagement  
Initiatives





# REVOLUTIONIZE

## U.S. Army Corps of Engineers Civil Works

### Current Focus Areas:



- Streamline Continuing Authorities Program.
- Improve Project Partnership Agreements.
- Additional Delegation of Decisions.
- Emergency Supplemental Projects: Lessons Learned become Enterprise Best Practices.



- P3 Pilot Program: Development of current P3 pilot projects and identify additional pilots.
- Corps Water Infrastructure Financing Program (CWIFP): Implement program and issue loans, subject to appropriations.
- Multi-year budgeting/funding to increase flexibilities.



- Mitigation: Revisit Mitigation Rule, based on partner input and lessons learned, revise as appropriate.
- Educate and Inform: Review all existing guidance and refresh as needed.
- Permitting: Renew Nationwide Permits and modify as necessary.
- Waters of the U.S.: Continue to work with EPA to develop clear and appropriate implementation materials.





US Army Corps of Engineers



# REVOLUTIONIZE

U.S. Army Corps of Engineers Civil Works

## Success Stories:

**Objective 1**



Accelerate Project Delivery



16 years of saved project time



Reduced Bureaucracy




Leveraged Sponsor Capabilities



Energized Project Delivery Teams

**Objective 2**



Transform Project Financing & Budgeting



Accelerated delivery by 13 years



Reduced Bureaucracy




Empowered Partnerships and Out-of-the-Box Thinking



Reduced Federal costs by \$175 million

**Objective 3**



Improve Permitting & Regulation Reform



Efficient Decision-Making



Reduced Bureaucracy



Enhanced Processes for Coordinated and Efficient Delivery



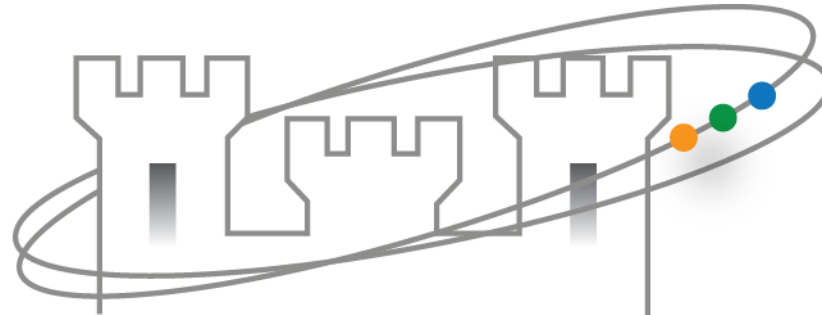
Provided Geospatial Search Capability/Increased Permit Action Transparency



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# QUESTIONS?



# REVOLUTIONIZE

U.S. ARMY CORPS OF ENGINEERS





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Legislative Summit  
Civil Works Program Update  
10 March 2020

Mr. Edward E. Belk, Jr PE  
Chief, Civil Works Program Integration  
HQ, U.S. Army Corps of Engineers

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Real-World Impact!***



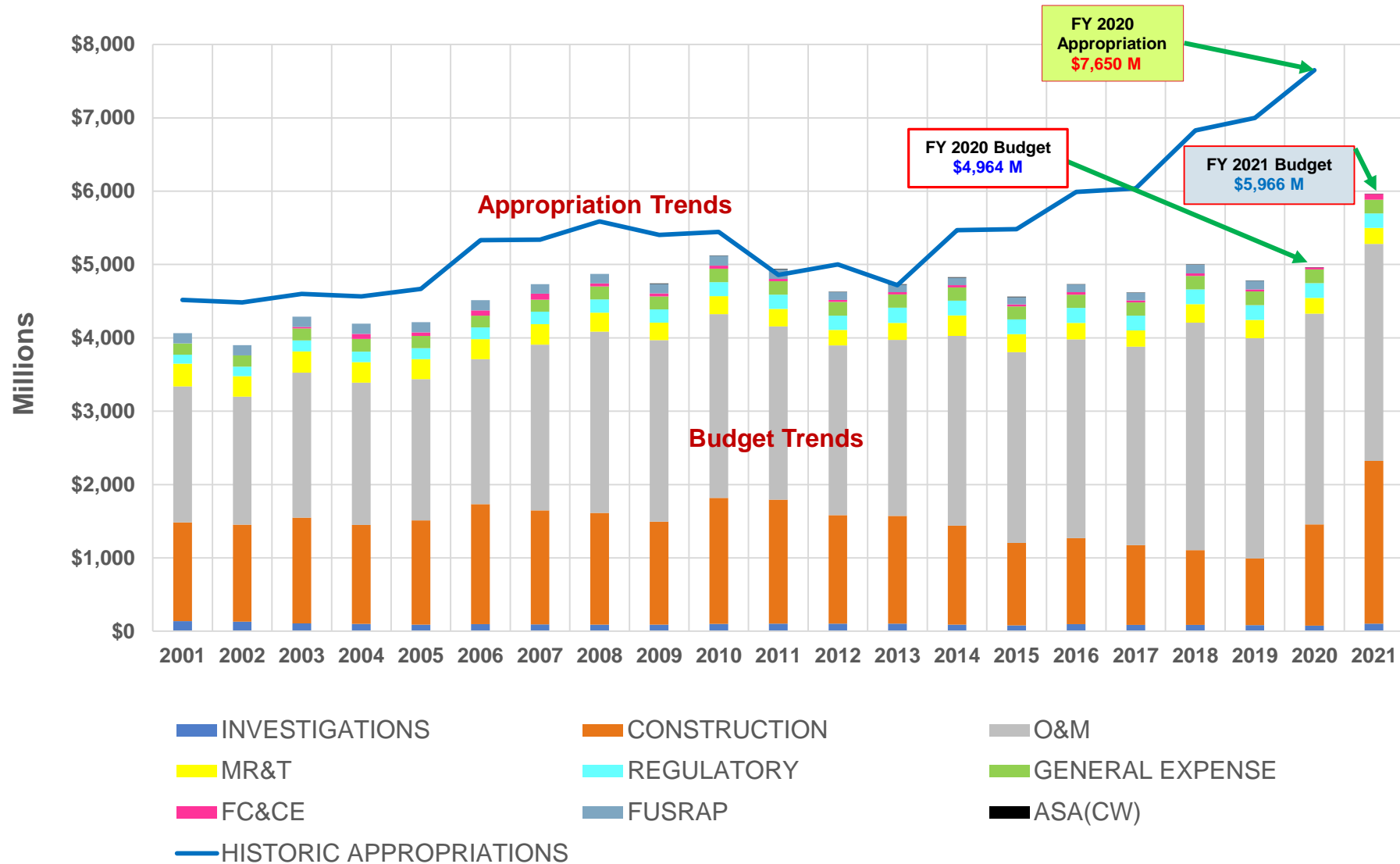
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# CIVIL WORKS INVESTMENT TRENDS – REGULAR \$

(EXCLUDES \$17.4B (FY 18) & \$3.26B (FY 19) SUPPLEMENTAL FUNDING)

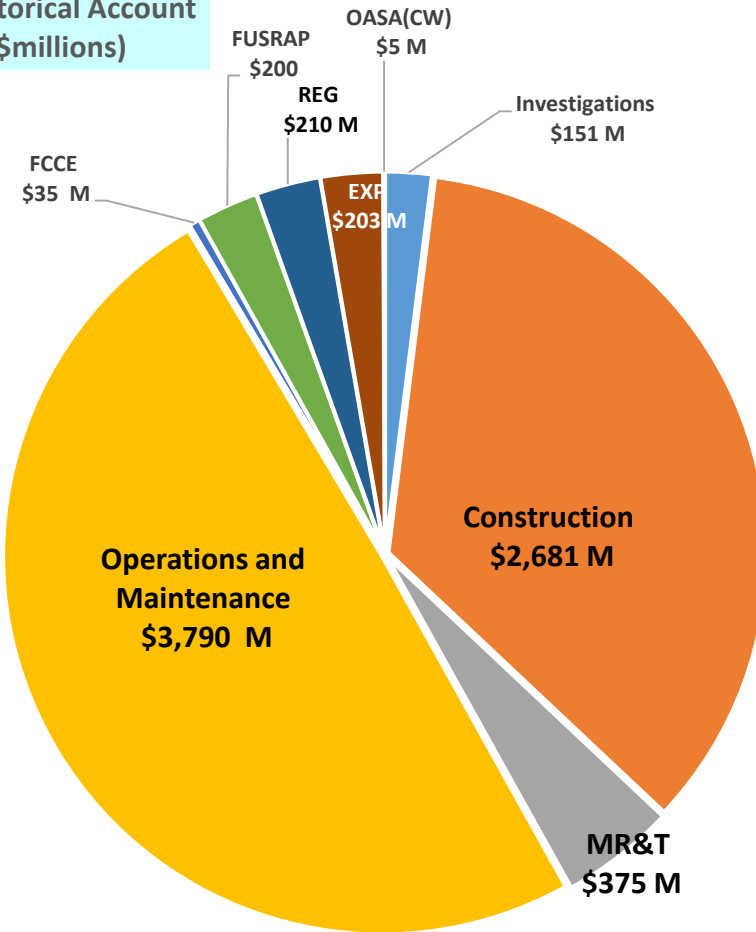




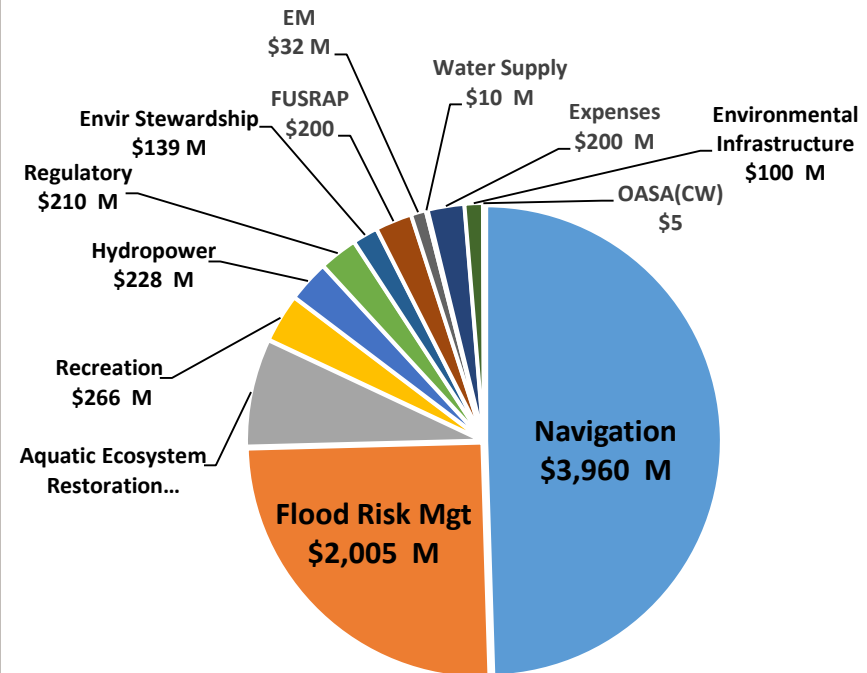
# FY20 CW PROGRAM SUMMARY

**Total \$7.65B**

FY2020 Appropriation  
By Historical Account  
(\$millions)



FY2020 Appropriation  
by Business Lines  
(\$millions)\*\*



\*\*These numbers are subject to change and represent an estimation of the business line distribution at this time. The analysis is still underway and final numbers are not yet available.

\*Both charts reflects study like activities and sand mitigation in the account and business line in which it has historically been appropriated.

# ***Recent Robust Congressional Investment Trends: Making a Difference***

- **Recent Civil Works Appropriations: Historic Levels of Public Infrastructure Investment → Tremendous Impacts on the Ground**
- **Between FY17 – FY20 Appropriations and FY 21 President’s Budget:**
  - ✓ **Invested \$19.8B (+\$3.3B since this time last year) in Construction, Plus \$7B Matching Sponsor Funds**
  - ✓ **27 New Construction Projects Started**
  - ✓ **62 Ongoing Construction Projects Funded to Completion**
  - ✓ **Allowed Acceleration of Other Important Ongoing Projects**
  - ✓ **Enabled Record Levels of Investment for Critical Operations and Maintenance Activities on Corps Infrastructure (Historically Low 3-Year Unscheduled L&D Outage Trend; \$1.65B HMTF in FY 20)**
- **Investment Results: Reduced Risks, Improved Infrastructure Performance and More Positive Economic Impacts for the Nation**

***Moving Dirt!***



# ***Fiscal Year 2020 New Start Status***

## **➤ Investigations New Starts (FY20 Work Plan; FY21 Budget – No New Starts):**

- ✓ Oakland Harbor Turning Basin Widening, CA (NAV; FY20 - \$1.5M)
- ✓ Baltimore Harbor & Channels (Seagirt Loop Deepening), MD (NAV; FY20 - \$1.5M)
- ✓ Lower Missouri Basin Flood Risk and Resiliency Study, IA, KS, NE and MO (FDRR; FY20 - \$1.5M)
- ✓ Central City Flood and Storm Damage Reduction, TX (FDRR; FY20 - \$1.5M)
- ✓ Lower Osage River at Lock and Dam No.1, MO (AER; FY20 - \$1.5M)
- ✓ GIWW Coastal Resiliency Study, TX (Multi-Purpose; FY20 - \$3.0M)

## **➤ Construction New Starts (FY20 Work Plan - \$249M; FY21 Budget – No New Starts ):**

- ✓ Freeport Harbor Channel Improvements, TX (NAV; FY20 - \$19M)
- ✓ Port Everglades Harbor Deepening, FL (NAV; FY20 - \$29.1M)
- ✓ San Joaquin River Basin, Lower San Joaquin, CA (FDRR; FY20 - \$22.8M)
- ✓ Waterbury Dam Rehabilitation, VT (FDRR; Fully fund to statutory limit - \$40M)
- ✓ Dry Creek (Warm Springs) Restoration, CA (AER; FY20 - \$28.4M to Complete)
- ✓ South Florida Ecosystem Restoration, FL - Central Everglades Planning Project South S-631/633 (AER; FY20 - \$109.9M)

# ***Fiscal Year 2020 & 2021 Completions***

- **Investigations (FY20 - \$24.8M; FY21 Budget - \$32.9M)**
  - ✓ Five Feasibility Completions – \$2.6M
  - ✓ Initiates and Completes One General Reevaluation Report - \$1.5M
  - ✓ Completes One Post Authorization Change Report - \$3.0M
  - ✓ Initiates and Completes Three PEDs - \$10.1M
  - ✓ Completes Five PEDs - \$15.9M
  - ✓ Completes Ten Study Like Activities (FY21 Budget only) - \$24.6M
  
- **Construction (FY20 - \$686.1M; FY21 Budget - \$664.5M)**
  - ✓ Seventeen Completions - \$945.3M
  - ✓ Gulf Regional Dredge Demonstration Program:
    - ✓ Initiate and complete Mobile Harbor, AL - \$274.3M
    - ✓ Initiate and Complete Deepening of Mississippi River Ship Channel to 50', Gulf to Baton Rouge, LA - \$131.1M

# FY 18 SUPP CONSTRUCTION PROJECTS (\$15.4B)



- 58 CN + 2 MR&T CN Projects (excluding CAP)**
- Projects Cleared July 2018
  - 25 Not Ongoing CN (New PPAs)
  - 35 Ongoing CN (PPA Amendments)
  - \$12.9B PPAs either executed, not required, or w/field for Non-Federal Sponsor negotiations
  - E&D Underway, Goal of 35%-40% to Private Sector
  - Local Sponsors → ROW and Relocations





*Questions?*







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Chief, Planning and Policy Division  
HQ – U.S. Army Corps of Engineers**

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# WRDA STATUS



- WRRDA 2014, WRDA 2016 and WRDA 2018 Implementation Guidance Completed
- Potential for a WRDA 2020
- USACE poised to implement at a historic rate of performance again



# WRDA STATUS (CONT.)

## Reports



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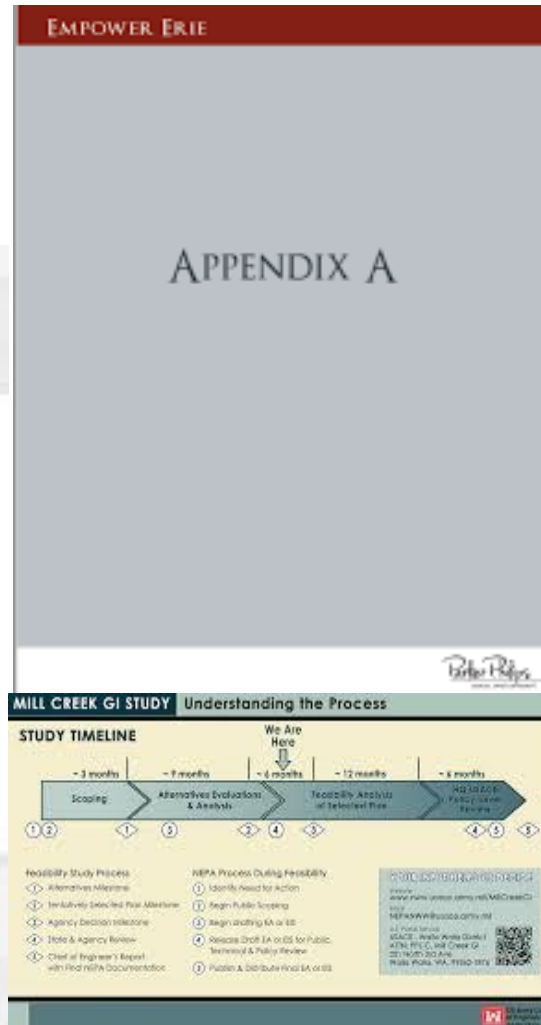
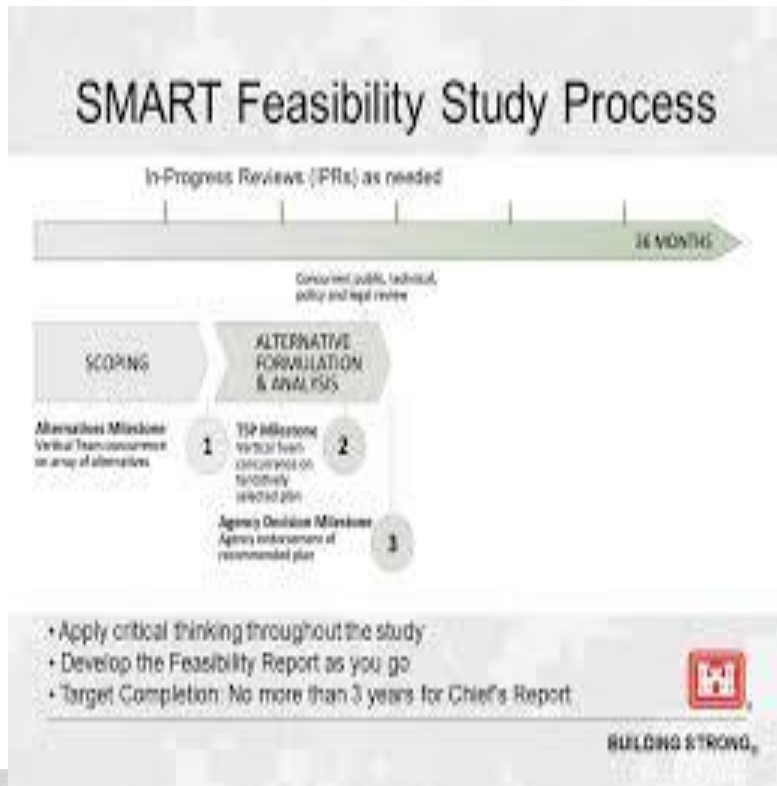
# INVESTING IN THE NATION'S INFRASTRUCTURE

## WRDA 2020



# PLANNING FOR THE FUTURE

## Studies



## Feasibility report

- A feasibility report is the results of a feasibility study. This report details whether or not a project should be undertaken and the reasons for that decision.
- Report Content
  1. Introduction/Executive Summary
  2. Background
  3. outline of project
  4. Methodology/method of analysis
  5. Overview of alternatives
  6. Conclusion
  7. Recommendation





# ACHIEVING MUTUAL GOALS





# WRDA OFFICIAL WEBSITE

<http://www.usace.army.mil/Missions/Civil-Works/Project-Planning/Legislative-Links/>

USACE POC: Ada.

Benavides@usace.army.mil

# SHARED RESPONSIBILITY



CORPS  
NAFSMA

WCI

NWRA

NWC

ASFPM

# QUESTIONS?

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[WWW.CorpsPlanning.US](http://WWW.CorpsPlanning.US)



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**Presentation to 2020 National Waterways Conference  
Legislative Summit  
USACE Levee Safety Program Update  
10 March 2020**

**Ms. Phoebe Percell, PE  
Chief, Dam & Levee Safety Branch  
HQ – U.S. Army Corps of Engineers**

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# USACE LEVEE SAFETY PROGRAM DRAFT GUIDANCE



## Transparency - Partnership Using Risk - Customized Levee Management Approach

1

### Levee Safety Overview

- Describes levee safety
- Defines key terms
- Describes types of levees in the Levee Safety Program

2

### Levee Sponsor Activities

- Levee sponsor roles and activities overview
- How USACE integrates with those activities

3

### USACE Levee Safety Program Policies and Procedures

- Levee Safety Program oversight
- Basic Program implementation requirements and activities

4

### Shared Information & How it Can Be Used for FRM

- How USACE uses Levee Safety Program information
- How Levee Safety Program information can be used by others



## USACE LEVEE SAFETY PROGRAM DRAFT GUIDANCE PUBLIC COMMENT & STAKEHOLDER ACTIVITIES



- Feb 25 – Notice posted in Federal Register to start 60-day public comment period.
- Mar 4 – Two Public Informational webinars
- Five Public Informational Meetings:
  - Mar 19 – New Orleans, LA
  - Mar 24 – Portland, OR
  - Mar 26 – Sacramento, CA
  - Mar 31 – Kansas City, MO
  - Apr 7 – Albany, NY
- Go to <https://www.usace.army.mil/Missions/Civil-Works/Levee-Safety-Program/>
- Email questions to [EC218@usace.army.mil](mailto:EC218@usace.army.mil)





# USACE Levee Safety



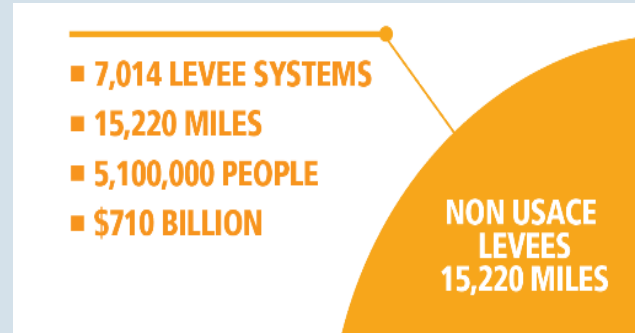
Authorities: Project specific authorizations and PL 84-99

### Draft Levee Safety Engineer Circular

- 1) Program implementation
- 2) Risk assessment
- 3) Levee inspection
- 4) Risk communication
- 5) Connections with FEMA

### National Levee Database

# National Levee Safety



Authority: Title IX, WRDA 2007, National Levee Safety Act, as amended

### Activities in 2020

- 1) Finalize USACE/FEMA implementation plan, including stakeholder engagement strategy
- 2) Initiate development of voluntary comprehensive national levee safety guidelines
- 3) Initiate development of criteria for state/regional/Tribal participating levee safety programs
- 4) Continue with inventory and review of all levees in the nation.



## Section 408 Program – Alterations to Federal CW Projects

- New guidance was issued regarding implementation of Section 408 program in Sept 2018
- Significant improvements were made:
  - ✓ Delegation of decisions down from Headquarters
  - ✓ Districts can develop Categorical Permissions to streamline reviews and decisions
  - ✓ Synchronization with Corps Regulatory Program
  - ✓ Elimination of some activities that previously required 408 permission
- Participation in FAST-41/One Federal Decision to increase project transparency with both public and other agencies, schedule milestones posted on Permitting Dashboard
- Focus on developing training and improving consistency across the agency





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# QUESTIONS?



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# THANK YOU!

