

NAVIGATION FUNDING

Inland Waterways Users Board Meeting No. 100

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Navigation Chief
USACE Headquarters
20 July 2023



"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."



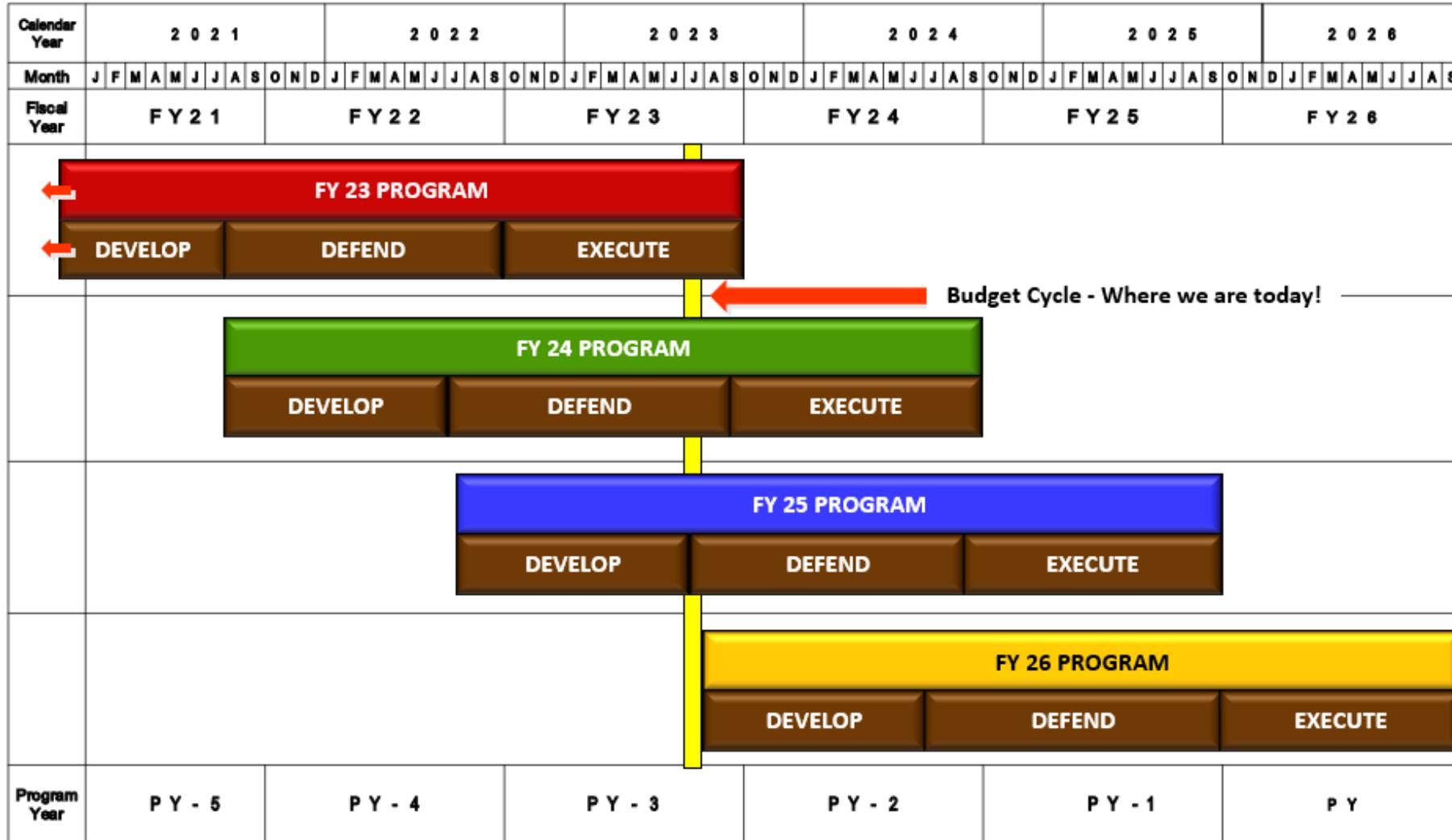
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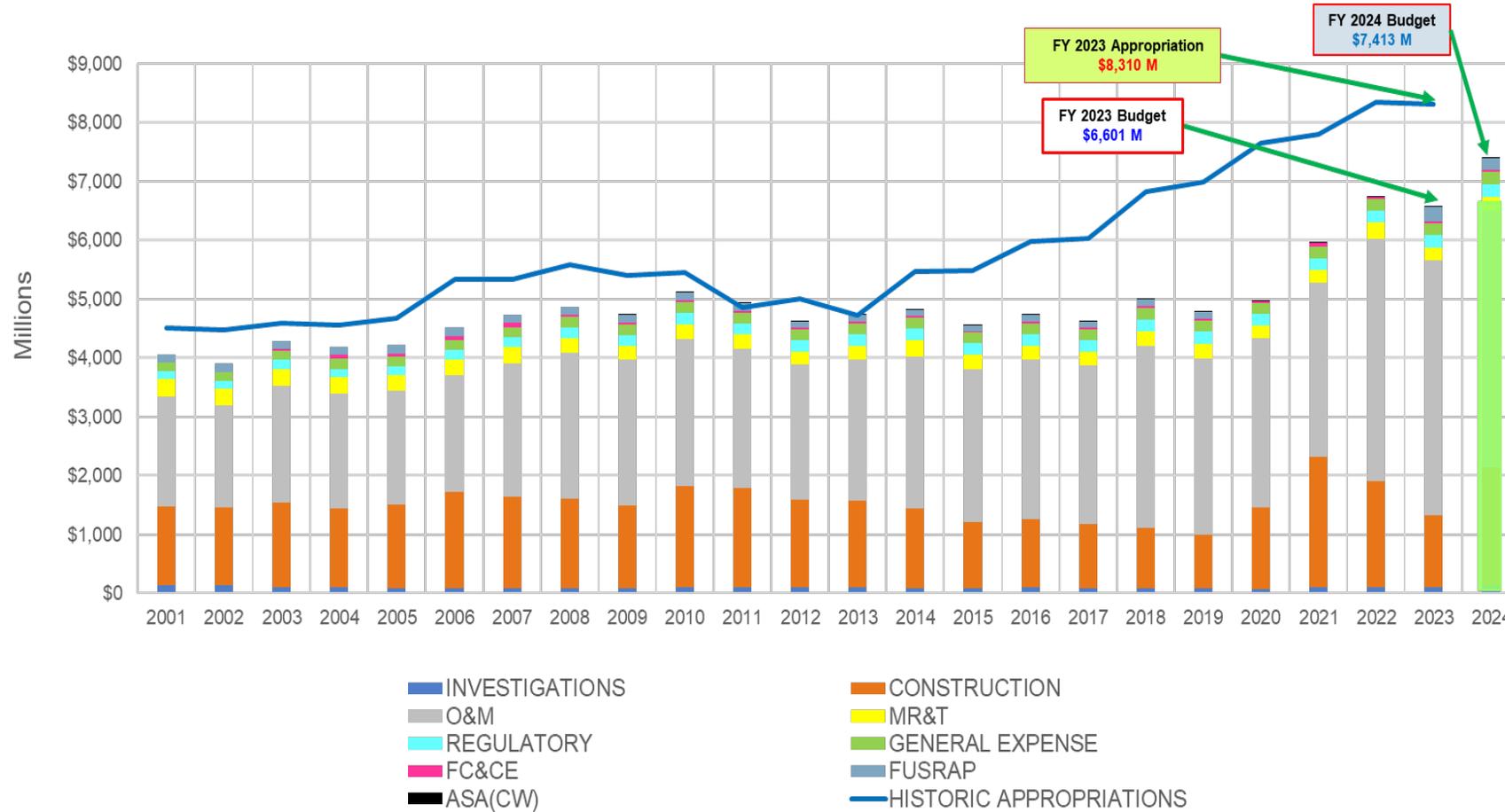
CIVIL WORKS PROGRAM/BUDGET TIMELINE



NOTE: PY = CFY + 2



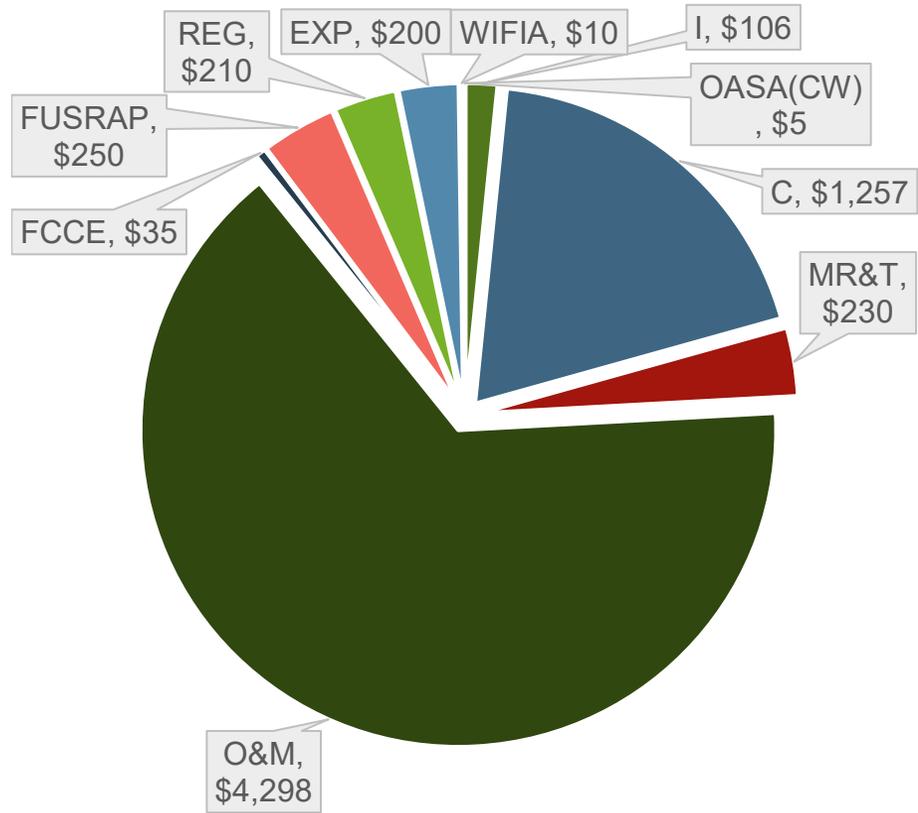
CIVIL WORKS INVESTMENT TRENDS (EXCLUDES SUPPLEMENTAL FUNDING)



FY24 Budget is ~11% increase above FY23 Budget
FY23 Work Plan is ~21% increase above the FY23 Budget
FY23 Work Plan is ~0.4% decrease below FY22 Work Plan

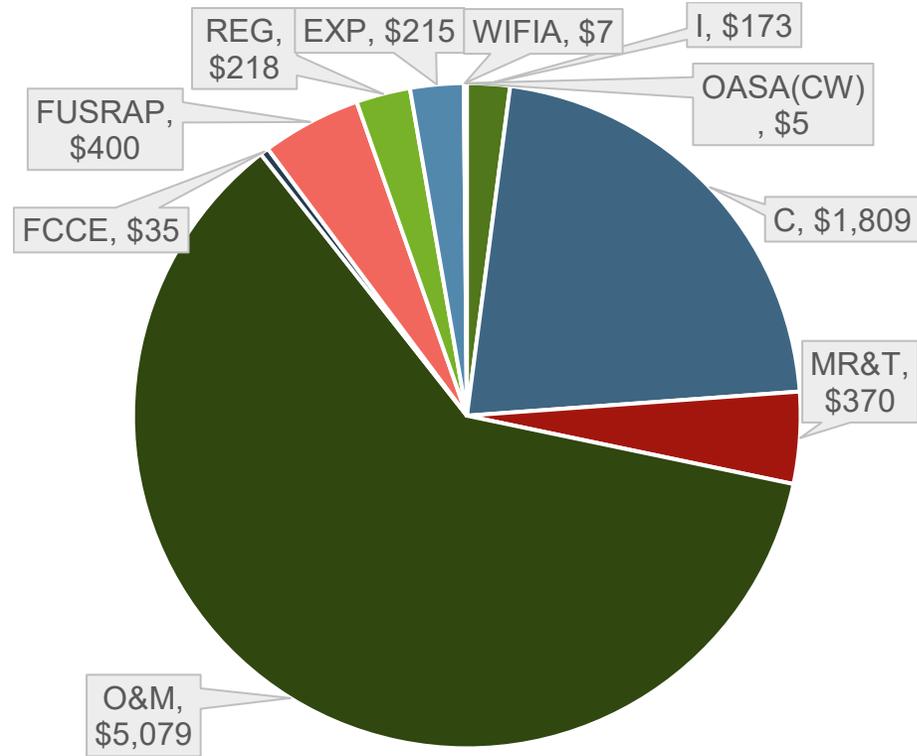


FY 2023 CIVIL WORKS REGULAR PROGRAM SUMMARY



FY 2023 President's Budget - \$6,601
By Account
(\$ Millions)

- FY23 Approp is \$1.709B above FY23 PBUD
- O&M Approp is \$780M above PBUD
- C Approp is \$552M above PBUD
- MR&T Approp is \$140M above PBUD

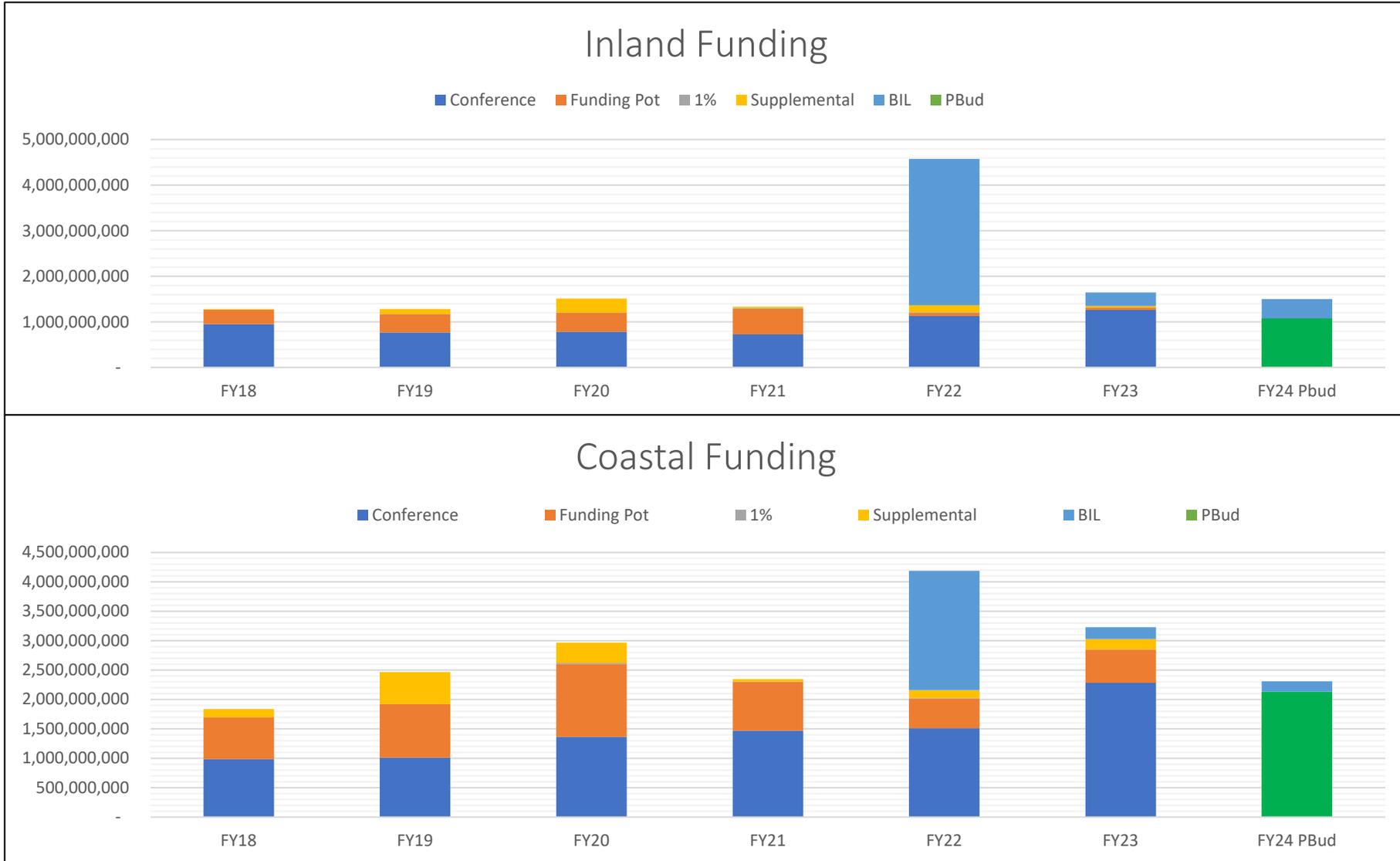


FY 2023 Appropriation - \$8,310
By Account
(\$ Millions)



INLAND & COASTAL FUNDING TRENDS

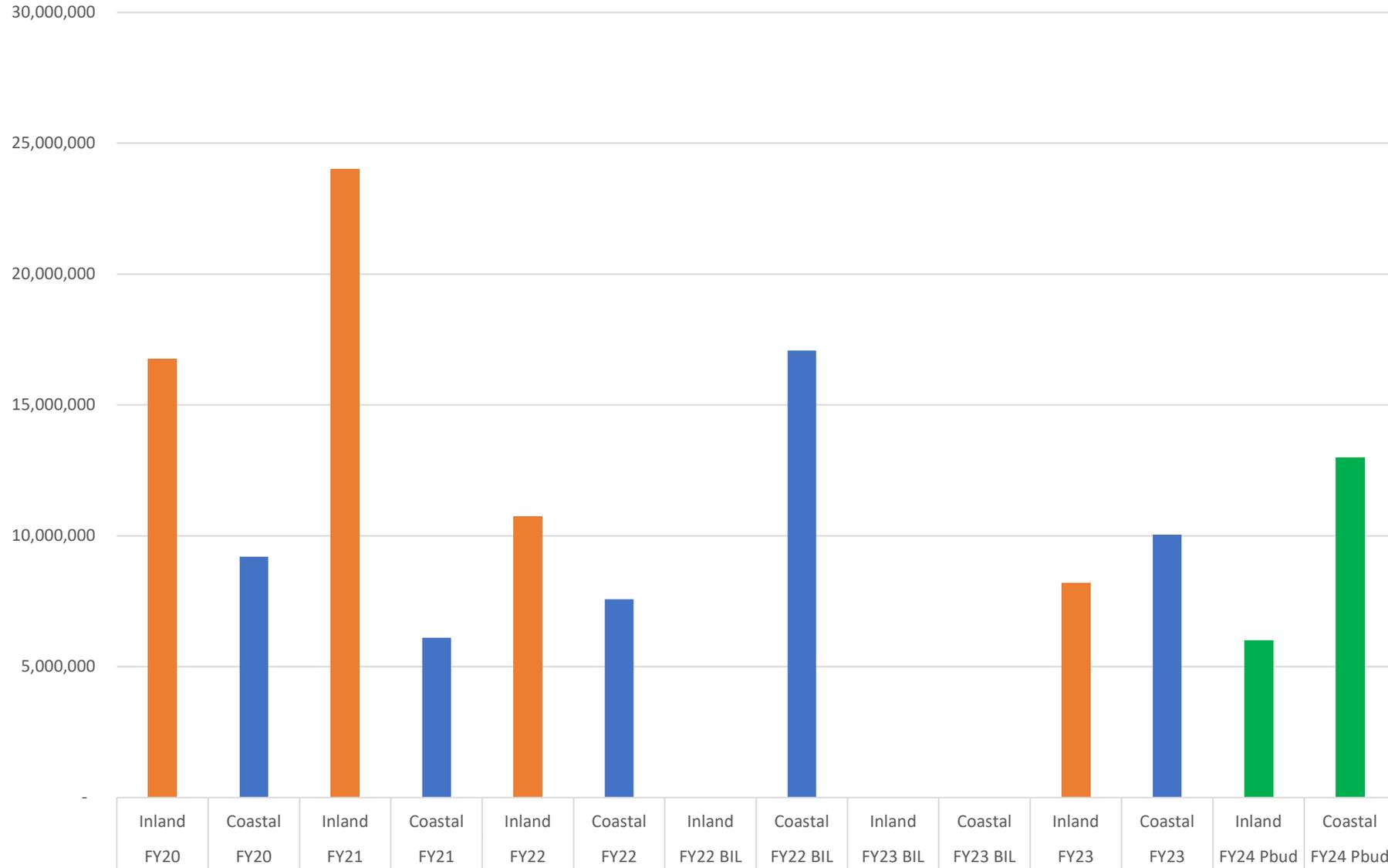
INCLUDES INVESTIGATIONS, CONSTRUCTION, O&M, AND MR&T. DOES NOT INCLUDE REMAINING ITEMS OR JOINT COSTS





INVESTIGATIONS FUNDING TRENDS

INCLUDES MR&T. DOES NOT INCLUDE REMAINING ITEMS OR JOINT COSTS
Investigations

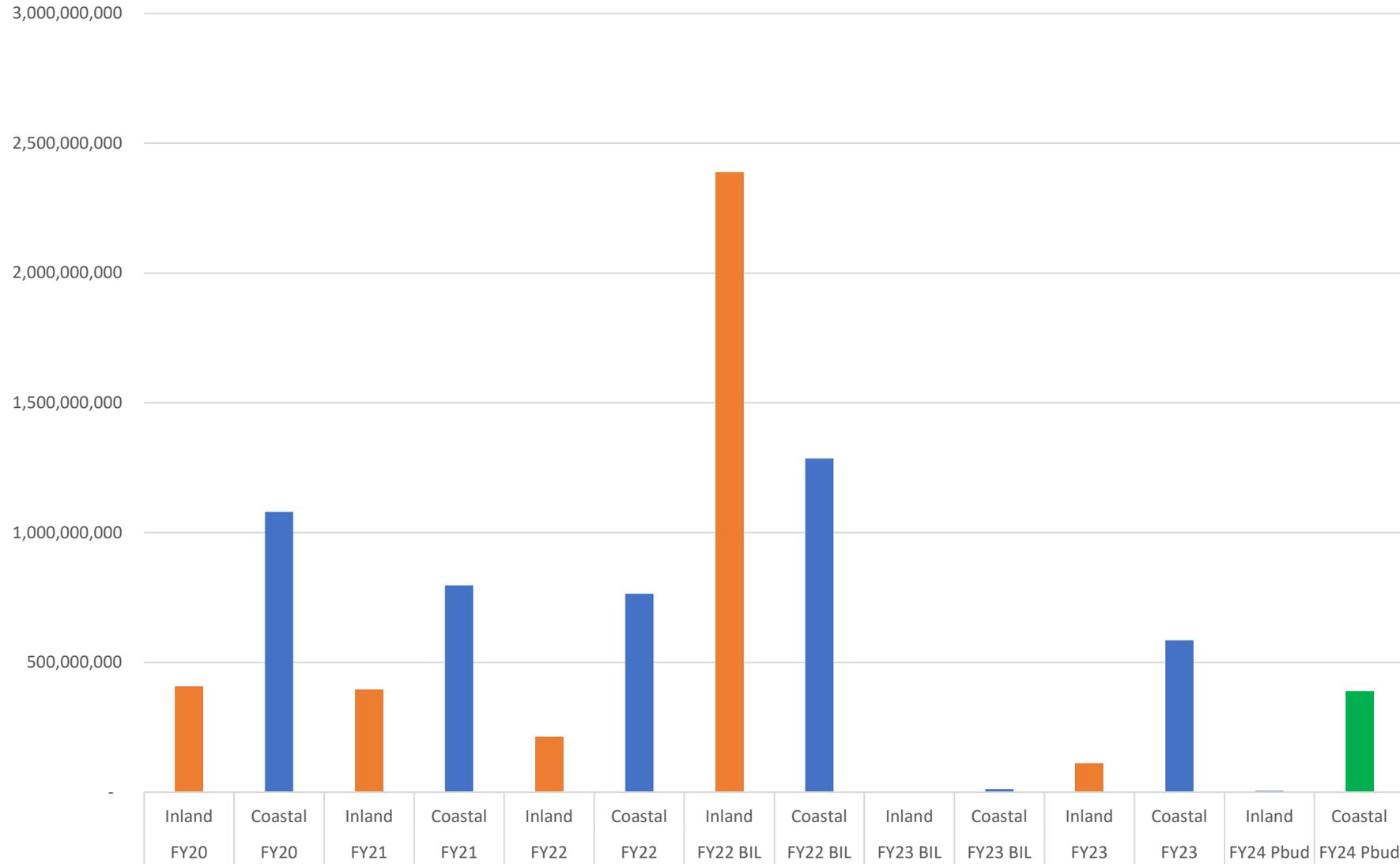




CONSTRUCTION FUNDING TRENDS

INCLUDES MR&T. DOES NOT INCLUDE REMAINING ITEMS OR JOINT COSTS

Construction

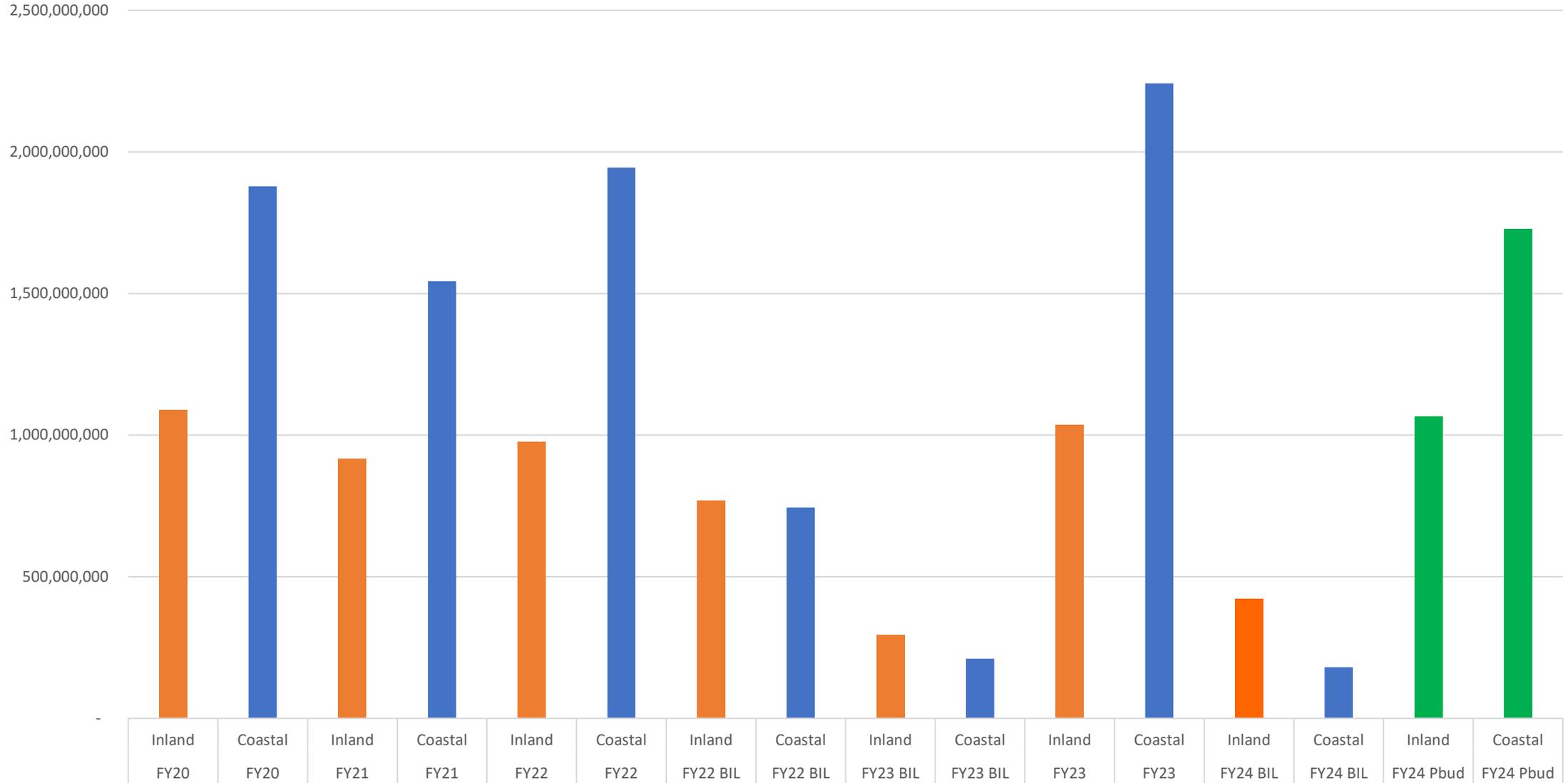




O&M FUNDING TRENDS

INCLUDES MR&T. DOES NOT INCLUDE REMAINING ITEMS OR JOINT COSTS

Operations & Maintenance





FISCAL YEAR 2024 BIPARTISAN INFRASTRUCTURE LAW (BIL) COASTAL O&M HIGHLIGHTS

- Agana Small Boat Harbor, GU
- Atchafalaya River and Bayous Chene, Bouef, and Black, LA
- Barnegat Inlet, NJ
- Big Suamico River, WI
- Black Rock Channel and Tonawanda Harbor, NY
- Cape Cod Canal, MA
- Chatham (Stage) Harbor, MA
- Cold Springs Inlet, NJ
- Cooper River, Charleston Harbor, SC
- Cuttyhunk Harbor, MA
- Delaware River, Philadelphia to the Sea, NJ, PA & DE
- Greenwich Harbor, CT
- Haleiwa Small Boat Harbor, Oahu, HI
- Houston Ship Channel, TX
- Hudson River, NY
- Jacksonville Harbor, FL
- Lake Washington Ship Canal, WA
- Lexington Harbor, MI
- Lynnhaven Inlet, VA
- New Jersey Intracoastal Waterway, NJ
- New York Harbor, NY
- Newport Bay Harbor, CA
- Patchogue River, CT
- Portsmouth Harbor and Piscataqua River, NH
- Salem Harbor, MA
- Salem River, NJ
- San Francisco Bay Long Term Monitoring Strategy, CA
- Savannah Harbor, GA
- Scarborough River, ME
- St. Paul Harbor, AK
- Washington Harbor, DC
- Wilmington Harbor, NC



FISCAL YEAR 2024 BIPARTISAN INFRASTRUCTURE LAW (BIL) INLAND O&M HIGHLIGHTS

- Apalachicola, Chattahoochee and Flint Rivers, GA, AL, & FL
- Atlantic Intracoastal Waterway, NC
- Black Warrior and Tombigbee Rivers, AL
- Green and Barren Rivers, KY
- Ice Harbor Lock and Dam, WA
- Illinois Waterway (MVR Portion), IL & IN
- J. Bennett Johnston Waterway, LA
- Jim Woodruff Lock and Dam, Lake Seminole, FL, AL, & GA
- Kaskaskia River Navigation, IL
- Little Goose Lock and Dam, WA
- Lower Granite Lock and Dam, WA
- Lower Monumental Lock and Dam, WA
- McClellan – Kerr Arkansas River Navigation System, AR
- McClellan – Kerr Arkansas River Navigation System, OK
- Mississippi River Between Missouri River and Minneapolis (MVP), IL
- Mississippi River Between Missouri River and Minneapolis (MVR), IL
- Mississippi River Between Missouri River and Minneapolis (MVS), IL
- Mississippi River Between the Ohio and Missouri Rivers (Regulating Works), MO & IL
- Ouachita and Black Rivers, AR & LA
- Ohio River Locks and Dams, KY, IL, IN, & OH
- Ohio River Locks and Dams, PA, OH, & WV
- Ohio River Locks and Dams, WV, KY, & OH
- Tennessee – Tombigbee Waterways, AL & MS
- Walter F. George Lock and Dam, AL & GA



FISCAL YEAR 2024 PRESIDENT'S BUDGET INVESTIGATIONS HIGHLIGHTS

- **Inland**

- Illinois Waterway, IL & IN (DMMP)
- Upper St. Anthony Falls, Mississippi River, MN (Disposition)
- Lower St. Anthony Falls, Mississippi River, MN (Disposition)

- **Coastal**

- Menominee Harbor Nav Improvements, MI & WI (FS)
- Little Narragansett Bay, RI (FS)
- Matagorda Ship Channel, TX (PED)
- Columbia and Lower Willamette Rivers Below Vancouver, WA & Portland, OR (DMMP)



FISCAL YEAR 2024 PRESIDENT'S BUDGET CONSTRUCTION HIGHLIGHTS

- **Inland**
 - Channel Improvement, Dikes, AR, IL, KY, LA, MS, MO & TN
- **Coastal**
 - Sault Sainte Marie (New Soo Lock), MI
 - Calcasieu River and Pass, LA (DMPF)
 - Cape Code Bridges, MA
 - Fort Pierce Beach, FL
 - Nassau County, FL



FISCAL YEAR 2024 PRESIDENT'S BUDGET O&M HIGHLIGHTS

- **Inland**
 - Major Maintenance \$127.1M
 - O&M: \$682.3M
 - Dredging \$161.5M
- **Coastal**
 - Major Maintenance \$32.8M
 - O&M: \$411.8M
 - Dredging \$1,175.6M



STATUS OF FY 2024 WORK PLAN AND FY 2025 PRESIDENT'S BUDGET STATUS

- **FY24 Work Plan**

- House of Representatives USACE Civil Works Markup - 21 June 2023: \$9.57B
- Senate USACE Civil Works Markup TBD
- Conference TBD

- **FY25 Budget**

- Currently in development at HQ USACE
- Chief's Recommendation July 2023
- Army Recommendation September 11, 2023
- OMB Passback November 2023 (tentative)
- Pressbook February 2024 (tentative)



COST ENGINEERING POLICY CLARIFICATION AND GUIDANCE

- ❑ **Mr. Pete Perez, SES, Chief Engineering and Construction, HQUSACE has issued following policy guidance memorandums in the past few years that affects Civil Works and MILCON programs across the enterprise:**
 - **Memorandum for Cost Engineering Community of Practice – Development of Budget Estimates and Construction Duration Schedules for MILCON to reflect Current Market Conditions and Inflation – 21 April 2022**
 - ❖ *Addresses the inclusion of true inflation into the budget estimates above the OMB mandated rates. The guidance provides clear direction to cost engineers on how to calculate and include this inflation in the baseline estimate and risk-based project contingencies.*
 - **Memorandum for Cost Engineering Community of Practice (CoP), USACE – Inflation Risk Assessment and Inclusion in Current and Future Year Project/ Construction Cost Estimates in Civil Works – 7 April 2023**
 - ❖ *Addresses project cost estimate update requirement per ER1110-2-1302 and the use of Civil Works Construction Cost Index System (CWCCIS).*
 - ❖ *Makes the distinction between Regular Civil Works Program and Supplemental Programs and challenges on how to develop and include inflation factors.*
 - **Memorandum for District Commanders, Deputy District Engineers, Engineering Chiefs and Cost Engineering Community of Practice (CoP) – Guidance on Cost Engineering Products update for Civil Works Projects in accordance with Engineering Regulation 1110-2-1302 – Civil Works Cost Engineering – 5 June 2023**
 - ❖ *Addresses the importance of accurate project scope development as the key driver in develop accurate project cost estimates.*
 - ❖ *Provides clarification that all Authorized (active) and Authorized but Unconstructed (ABU) must meet the cost engineering requirements when requesting funds.*
 - ❖ *Provides minimum requirements on Geotechnical Data, Hydrology and Hydraulics requirements and Survey requirements early on during the project study phase and/or PED phase as the basis of development of project costs.*
 - ❖ *Provides framework of communication at the district level within several office, i.e., Programs & Engineering*
 - ❖ *Provides clarification of identifying the DESIGN MATURITY as the key factor in determining the cost estimate classification.*
 - ❖ *Provides a “Matrix for Additional Certification” requirements based on the project phase.*



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Episodes of Interest:

- Spotlight on the Water Resources Development Act
- Interview with Assistant Secretary of the Army for Civil Works
- Environmental Infrastructure
- USACE Budget Process
- Interview with Chief of Engineers
- USACE Supplemental Program Overview
- Inland Navigation Design Center
- Aging Infrastructure
- Overview of USACE Operations Division