

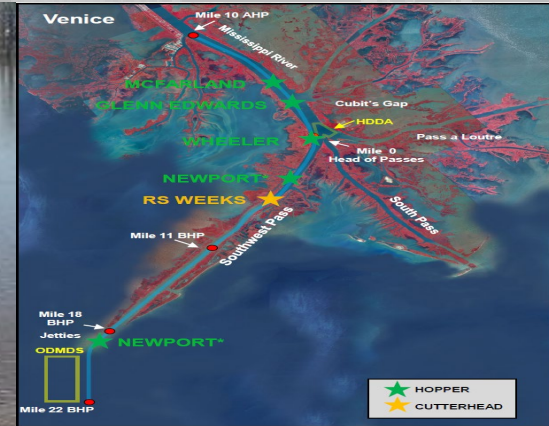
# FY 2020 NAVIGATION FUNDING FOR INLAND AND COASTAL

Inland Waterways Users Board  
Meeting No. 94  
Virtual

Michael E. Ott, PE, PMP  
Chief, Navigation Branch  
USACE Headquarters

22 July 2020

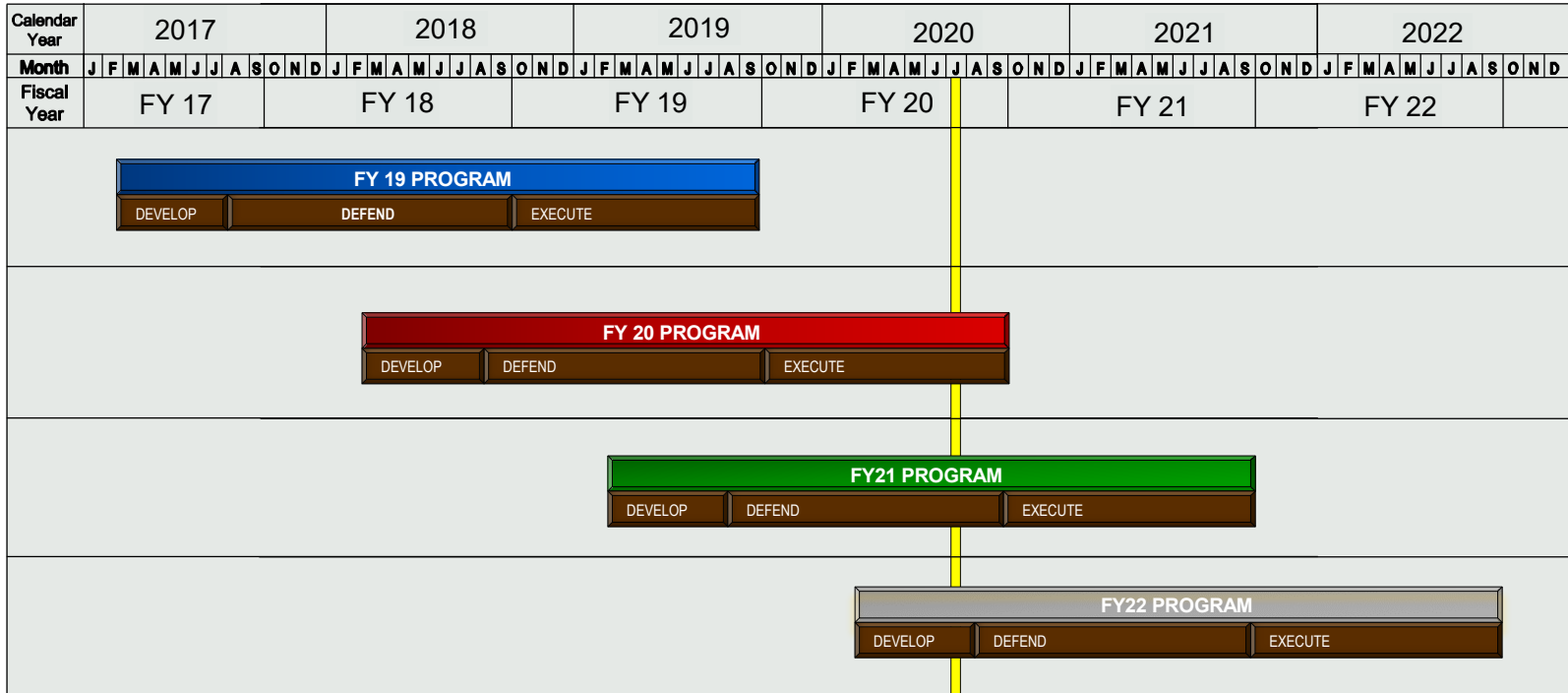
*"The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."*



US Army Corps  
of Engineers®



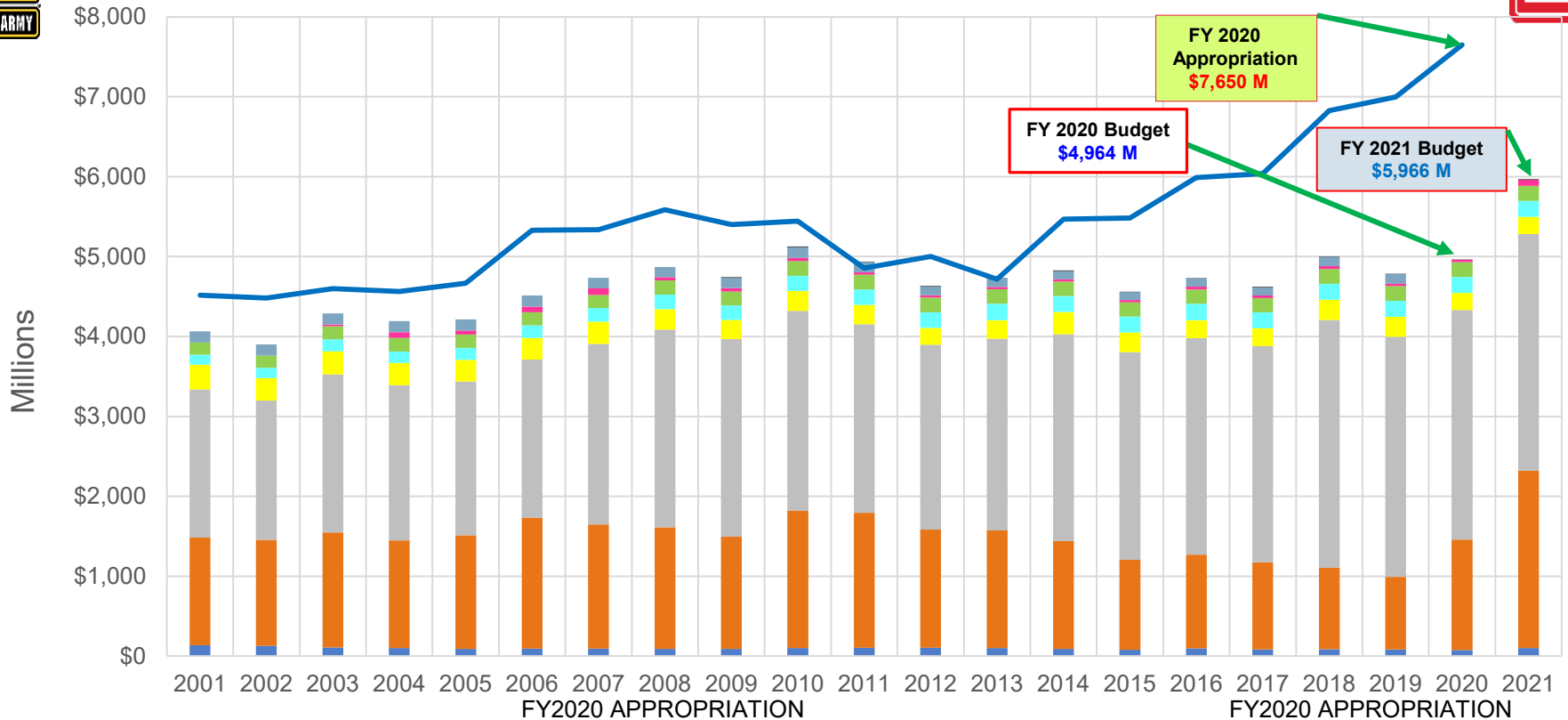
# Civil Works Program/Budget Timeline





# CIVIL WORKS INVESTMENT TRENDS

## (EXCLUDES SUPPLEMENTAL FUNDING)



INVESTIGATIONS

O&M

REGULATORY

FC&CE

ASA(CW)

\$ 151 M

\$3,790 M

\$ 210 M

\$ 35 M

\$ 5 M

CONSTRUCTION

MR&T

GENERAL EXPENSE

FUSRAP

HISTORIC APPROPRIATIONS

\$ 2,681 M

\$ 375 M

\$ 203 M

\$ 200 M

**FY21 Budget is ~20% increase above FY20 Budget**

**FY20 Budget is ~6.4% nominal\* increase above the FY19 Budget**

**FY20 Work Plan is ~54% increase above the FY20 Budget**

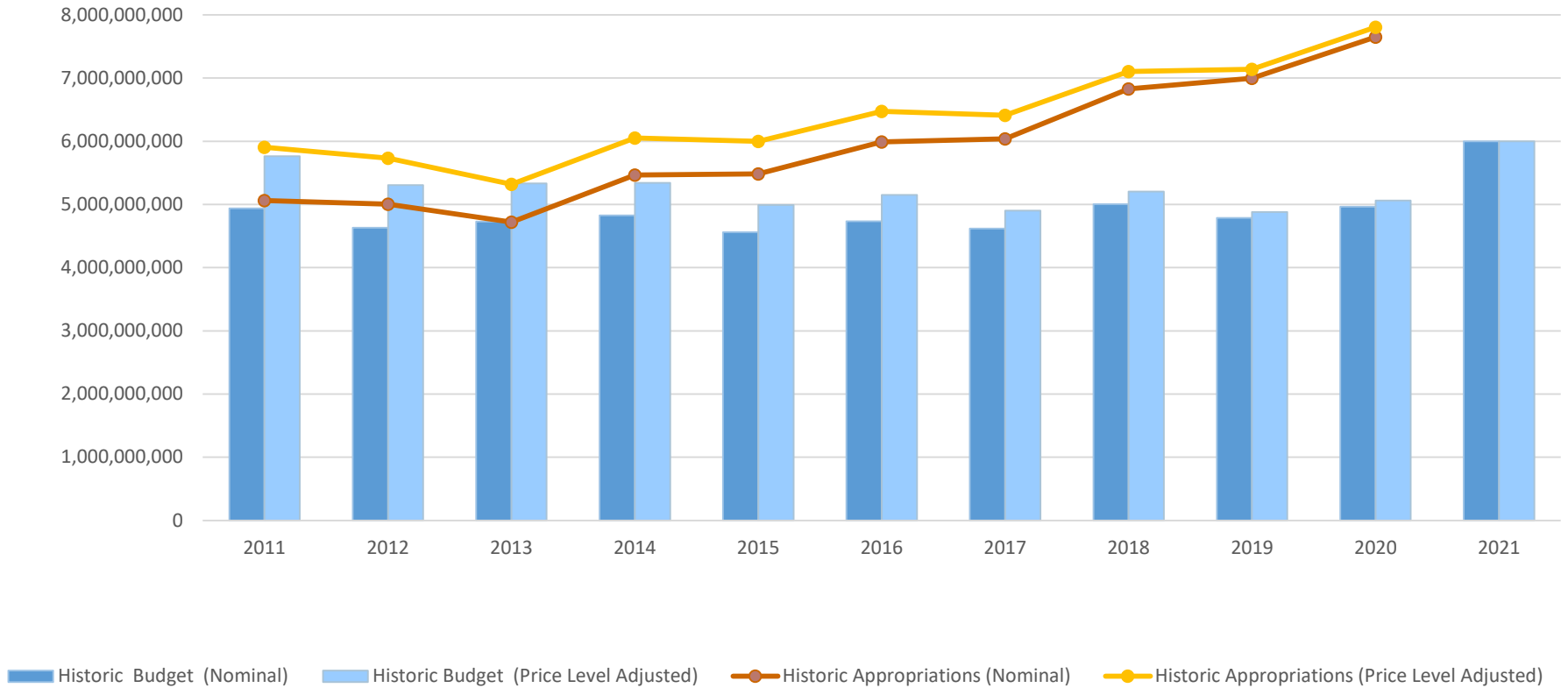
**FY20 Work Plan is ~9.3% increase above FY19 Work Plan**

(\*FY20 Budget does not include FUSRAP funding. Therefore, the comparison is made by reducing the FY19 Budget (\$120M) for FUSRAP.)



# "BUYING POWER" TRENDS

## USACE Civil Works Historic Budget and Appropriations (@ FY2021 Price Level)

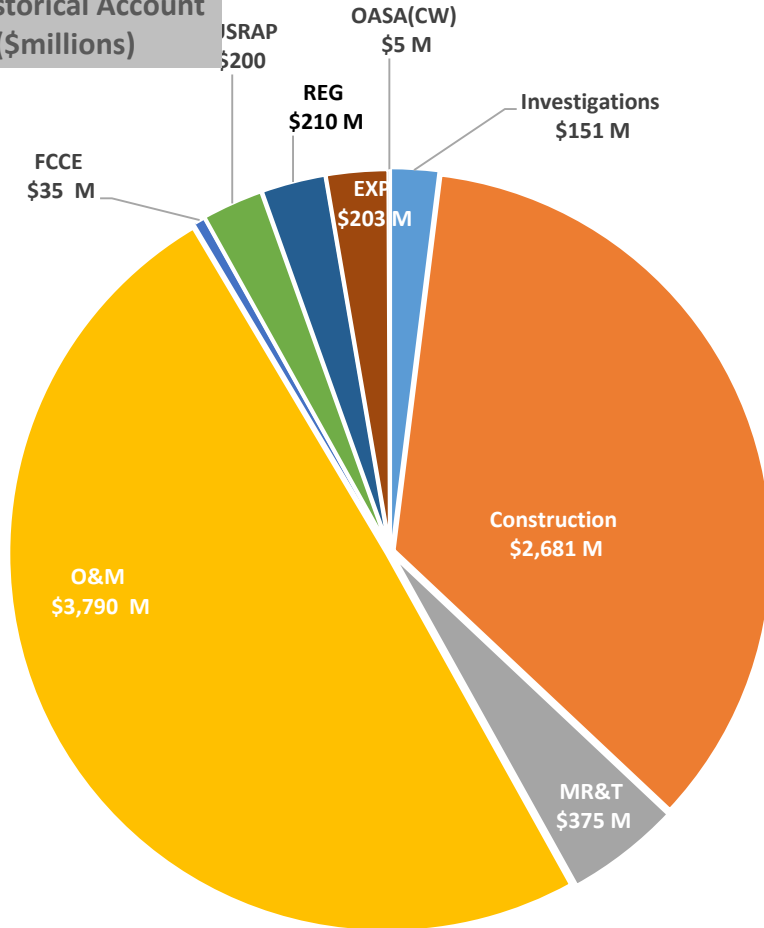




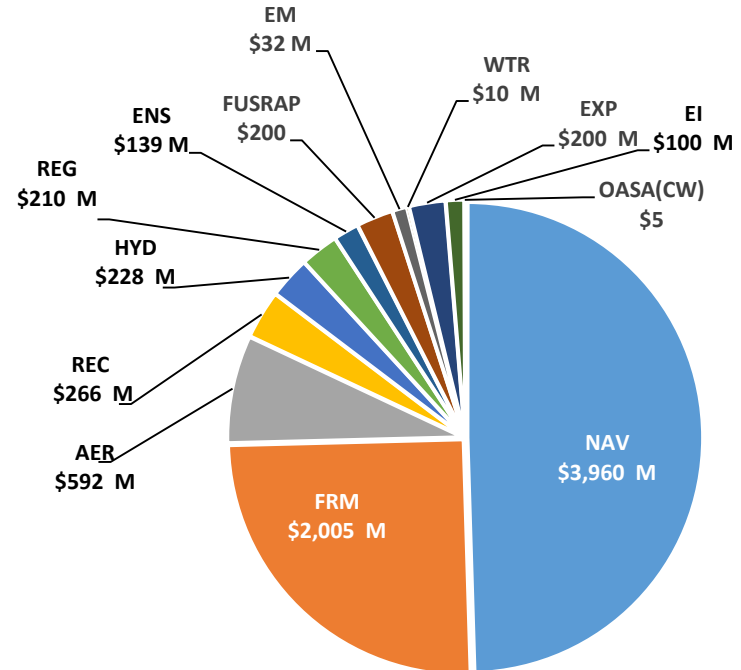
# FY20 CW PROGRAM SUMMARY AS APPROPRIATED\*



FY 2020 Appropriation By Historical Account (\$millions)



FY 2020 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.



U.S. ARMY

# PRESIDENT'S BUDGET

## INLAND NAVIGATION (\$MILLION)



Year	Investigations	Construction	O&M	MR&T	Total Inland
FY 21	<b>\$9</b>	<b>\$15</b>	<b>\$726</b>	<b>\$36</b>	<b>\$785</b>
FY 20	<b>\$6</b>	<b>\$138</b>	<b>\$679</b>	<b>\$29</b>	<b>\$852</b>
FY 19	<b>\$7</b>	<b>\$37</b>	<b>\$778</b>	<b>\$28</b>	<b>\$850</b>
FY 18	<b>\$8</b>	<b>\$177</b>	<b>\$784</b>	<b>\$50</b>	<b>\$1,019</b>
FY 17	<b>\$8</b>	<b>\$243</b>	<b>\$631</b>	<b>\$35</b>	<b>\$917</b>
FY 16	<b>\$7</b>	<b>\$240</b>	<b>\$691</b>	<b>\$36</b>	<b>\$974</b>

## COASTAL NAVIGATION (\$MILLION)

Year	Investigations	Construction	O&M	MR&T	Total Coastal
FY 21	<b>\$5</b>	<b>\$634</b>	<b>\$979</b>	<b>\$5</b>	<b>\$1,624</b>
FY 20	<b>\$8</b>	<b>\$487</b>	<b>\$956</b>	<b>\$5</b>	<b>\$1,455</b>
FY 19	<b>\$7</b>	<b>\$139</b>	<b>\$934</b>	<b>\$0</b>	<b>\$1,080</b>
FY 18	<b>\$11</b>	<b>\$133</b>	<b>\$933</b>	<b>\$2</b>	<b>\$1,079</b>
FY 17	<b>\$14</b>	<b>\$105</b>	<b>\$896</b>	<b>\$2</b>	<b>\$1,017</b>
FY 16	<b>\$18</b>	<b>\$81</b>	<b>\$872</b>	<b>\$2</b>	<b>\$973</b>



# FY20 CIVIL WORKS PROGRAM



## ADDITIONAL FUNDING = \$2,686,000,000

## FUNDING POTS ONLY = \$2,534,364,000

## NAVIGATION ONLY = \$1,536,509,000

INVESTIGATIONS	
FLOOD AND STORM DAMAGE REDUCTION	\$6,000,000
FLOOD CONTROL	\$4,000,000
SHORE PROTECTION	\$4,000,000
NAVIGATION	\$7,000,000
COASTAL AND DEEP-DRAFT	\$6,000,000
INLAND	\$9,750,000
OTHER AUTHORIZED PROJECT PURPOSES	\$6,000,000
ENVIRONMENTAL RESTORATION OR COMPLIANCE	\$17,600,000
<b>TOTAL</b>	<b>\$60,350,000</b>

MISSISSIPPI RIVER AND TRIBUTARIES	
DREDGING	\$5,000,000
FLOOD CONTROL	\$105,090,000
OTHER AUTHORIZED PROJECT PURPOSES	\$50,000,000
<b>TOTAL</b>	<b>\$160,090,000</b>

CONSTRUCTION	
FLOOD AND STORM DAMAGE REDUCTION	\$150,000,000
FLOOD CONTROL	\$170,000,000
SHORE PROTECTION	\$50,165,000
NAVIGATION	\$377,878,000
INLAND WATERWAYS TRUST FUND REVENUES	\$75,575,000
REGIONAL DREDGE DEMONSTRATION PROGRAM (NEW)	\$377,650,000
OTHER AUTHORIZED PROJECT PURPOSES	\$85,000,000
ENVIRONMENTAL RESTORATION OR COMPLIANCE	\$100,000,000
ENVIRONMENTAL INFRASTRUCTURE PROJECTS	\$100,000,000
<b>TOTAL</b>	<b>\$1,486,268,000</b>

OPERATION AND MAINTENANCE	
DONOR AND ENERGY PORTS	\$50,000,000
NAVIGATION MAINTENANCE	\$40,156,000
DEEP-DRAFT HARBOR AND CHANNEL	\$532,500,000
INLAND WATERWAYS	\$55,000,000
SMALL, REMOTE, OR SUBSISTENCE NAVIGATION	\$65,000,000
OTHER AUTHORIZED PROJECT PURPOSES	\$85,000,000
<b>TOTAL</b>	<b>\$827,656,000</b>

<b>FUSRAP</b>	<b>\$200,000,000</b>
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# FY20 NAVIGATION FUNDING OUTCOMES



**SUMMARY:** The Appropriations provides \$1.5 billion in additional funding for Navigation follows:

- ❑ Investigations –
  - Inland - \$15.3 million to complete one and continue two ongoing PEDs; and, \$1.5 million to initiate one multi-purpose feasibility study (GIWW Coastal Resiliency Study, TX)
  - Coastal: \$6 million to complete one feasibility; initiate two new feasibilities; and initiate two new PEDs.
- ❑ Construction - \$831 million of which \$75.6 million is IWTF funds and \$377.7 million is for a Gulf Region Dredge demonstration program.
  - Inland - **Olmsted L&D, OH (\$63 million-15% IWTF); Kentucky Lock, KY (\$61 million – 50% IWTF); Chickamauga Lock, TN (\$101.7 million – 35% IWTF);** and fully funds remaining mitigation and recreation features of J.Bennett Johnston Waterway, LA (\$40.6 million)
  - Coastal - **Dredge Material Disposal and Sand Mitigation (\$43 million - HMTF);** New starts (\$48.1 million); initiates Mississippi River Ship Channel, LA deepening (\$85 million); initiates and completes Mobile Harbor, AL (\$274 million); completes Cedar Bayou, TX (\$32 million); and, continues Jacksonville Harbor, FL (\$57.4 million), Sault St. Marie (Replacement Lock), MI (\$50 million) and Sabine – Neches Waterway, TX (\$16.6 million)
- ❑ O&M - \$742.7 million additional Navigation Operation and Maintenance funding
  - Inland - \$80 million applied to 24 projects
  - Donor and Energy Transfer Ports - \$50 million applied to 17 eligible projects
  - **Small, Remote, or Subsistence Navigation - \$65 million applied to 48 projects (HMTF)**
  - **Deep – Draft - \$546.5 million applied to 86 projects (HMTF)**
  - Remaining Items - \$1 million