National Waterways Conference
Memphis, TN          September 18, 2019

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Chief, Civil Works Program Integration
HQ, U.S. Army Corps of Engineers

World-Class Delivery...
Real-World Impact!
Army Civil Works National Leadership

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

Deana Funderburk  
DASA, Policy/Leg

MG Scott Spellmon  
DCG-Civil/Emerg Ops

James Dalton, SES  
Director of Civil Works

Eddie Belk, SES  
Chief, Programs

Vacant  
Chief, Engineering & Const

Stacey Brown, SES  
Chief, Plng/Policy

Tom Smith, SES  
Chief, Ops/Reg

Ray Alexander, SES  
Director, Contingency Ops

Dr. Joe Manous  
Director

Department of the Army

HQ, US Army Corps of Engineers

Corps Enterprise Leadership

Brenda Johnson-Turner, SES  
Real Estate
Lara Beasley, Acting  
Environmental
Sally Pfenning, SES  
Intl & Intrag Srv
Dr David Pittman, SES  
ERDC
David Cooper, SES  
Chief Counsel
Jill Stiglich, SES  
Contracting
CIVIL WORKS INVESTMENT TRENDS – REGULAR $  
(EXCLUDES $17.4B (FY 18) + $3.26B (FY 19) SUPPLEMENTAL FUNDING)  

**Historic Budget and Appropriations Trends**

### Appropriation Trends
- **FY 2019 Appropriation**: $6,998M
- **FY 2020 Budget**: $4,827M

### Budget Trends
- Historic Appropriations and Budgets for the years 2001 to 2020.

- ** Millions**


- **Categories**: INVESTIGATIONS, CONSTRUCTION, O&M, REGULATORY, GENERAL EXPENSE, FC&CE, FUSRAP, ASA(CW), HISTORIC APPROPRIATIONS
FY 2019 Civil Works Appropriation

Total: $6.998 Billion

by Account

- Construction $2,183M
- Operation & Maintenance 3,739M
- Flood & Coastal Emergencies $35M
- FUSRAP $150M
- Miss River & Tribs $368M
- Investigations $125M
- Office Asst. SecArmy (Civil Works) $125M

by Business Line

- Navigation, Coastal $2,046M
- Navigation, Inland $1,249M
- Flood Damage Reduction $1,965M
- Emergency Management $40M
- Recreation $260M
- Water Supply $12M
- Environmental Expenses $610M
- Regulatory Expenses $198M
- Hydropower $2,118M

** Includes Office of Asst. SecArmy (Civil Works)
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 – FY19 Appropriations and FY 20 President’s Budget:
  - Invested $16.5B in Construction, + $6B Matching Sponsor Funds
  - 16 New Construction Projects Started
  - 43 Ongoing Construction Projects Funded to Completion (i.e. Olmsted L&D; Lower Mon L&D, etc)
  - Allowed Acceleration of Other Important Ongoing Projects
  - Enabled Record Levels of Investment for Critical Operations and Maintenance Activities on Corps Infrastructure

- Investment Results: Reduced Risks, Improved Infrastructure Performance and More Positive Economic Impacts for the Nation

Moving Dirt!
National Lock Portfolio Service Trends
Main Chamber Mechanical Unavailable Hours
(Events Longer than 1 Day)

Reflects Significant Additional Congressional Investment
Harbor Maintenance Trust Fund – Vital to Coastal Ports
# Historic High Water Duration = Historic Shoaling

## Consecutive Days Above Flood Stage

**Lower Mississippi River Forecast Center**

<table>
<thead>
<tr>
<th>Forecast Location</th>
<th>Record (Days/Year)</th>
<th>2019 (Days/Period)</th>
<th>2019 (Days)</th>
<th>2011 (Days)</th>
<th>1973 (Days)</th>
<th>1927 (Days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cairo, IL</td>
<td>156 2019</td>
<td>156 Feb 8th – Jul 13th</td>
<td>59</td>
<td>97</td>
<td>76</td>
<td></td>
</tr>
<tr>
<td>Memphis, TN</td>
<td>65 1927</td>
<td>39 Feb 19th – Mar 29th</td>
<td>35</td>
<td>64</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>Arkansas City, AR</td>
<td>197 1927</td>
<td>94 Apr 16th – Jul 19th</td>
<td>44</td>
<td>72</td>
<td>197</td>
<td></td>
</tr>
<tr>
<td>Greenville, MS</td>
<td>155 2019</td>
<td>155 Feb 17th – Jul 21st</td>
<td>46</td>
<td>71</td>
<td>115</td>
<td></td>
</tr>
<tr>
<td>Vicksburg, MS</td>
<td>185 1927</td>
<td>162 Feb 17th – July 28th</td>
<td>48</td>
<td>83</td>
<td>185</td>
<td></td>
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<tr>
<td>Natchez, MS</td>
<td>215 2019</td>
<td>215 Jan 4th – August 6th</td>
<td>53</td>
<td>90</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>Red River Landing, LA</td>
<td>227 2019</td>
<td>227 Dec 27th – August 10th</td>
<td>59</td>
<td>95</td>
<td>152</td>
<td></td>
</tr>
<tr>
<td>Baton Rouge, LA</td>
<td>211 2019</td>
<td>211 Jan 6th – August 4th</td>
<td>79</td>
<td>99</td>
<td>135</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- Numbers in **Red** are records for this year.
- Data provided by U.S. Army Corps of Engineers.
**FY 2018 Emergency Supplemental ($17.4B)**

- Public Law 115-123, Bipartisan Budget Act of 2018 (enacted 9 Feb 2018); Hurricanes Harvey, Irma, Maria (HIM States/Territories); 2 or more major flood-related disaster declarations in either 2014-2017
  - Eligible: 33 States and 3 territories (Guam, PR, USVI)
  - HIM Eligible: 5 States (Florida, Georgia, Louisiana, South Carolina and Texas) and 2 Territories (Puerto Rico and US Virgin Islands)

**Short-Term Repairs: $1.843B**

- FCCE - $810M
- O&M - $608M
- MR&T - $370M
- Construction - $55M

**Long-Term Disaster Recovery Investment Plan:**

- **Investigations** - $135M (38 Study Activities - 5 Ongoing; 33 Not-Ongoing); 100% Federal
- Not less than $75M for HIM Impacted areas
- **Construction** - $15.1B
  - Approved List: 58 Projects - 33 Ongoing/25 Not-Ongoing
  - Not less than $10.425B for HIM impacted areas
  - Projects in PR/VI 100% Fed
  - Up to $50M for FRM CAP Projects - 7 Projects (5 Ongoing; 2 Not-Ongoing)

- **Mississippi Rivers & Tributaries** - $400M (2 Ongoing long-term Programmatic Projects (Channels/Leveses)

**Expenses: $20M**

**FY 2019 Disaster Supplemental ($3.26B)**

- Public Law 116-20, Additional Supplemental Appropriations Disaster Relief Act of 2019 (enacted 6 Jun 2019); Hurricanes Florence, Michael, Typhoon Mangkut, Super Typhoon Yutu, Tropical Storm Gita
  - Eligible: 6 States (Alabama, Florida, Georgia, North Carolina, South Carolina, Virginia) and 3 Territories (American Samoa, Guam, Northern Mariana Islands)

**Short-Term Repairs: $2.48B**

- FCCE - $1B
- O&M - $908M
- MR&T - $575M

**Long Term Portfolio: $0.78B**

- **Investigations** - $35M; 100% Federal
- **Construction** - $740M
  - Projects receiving funds under PL 115-123 not eligible
  - Section 902 of WRDA 1986 not applicable
  - Complete “ongoing” construction projects 100% Federal
  - Up to $25M for FRM CAP Projects

**Expenses: None**
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

As of 30 Apr 2019
OBJECTIVE 01
Accelerate Project Delivery
Start and Finish Projects Faster
- Project Delivery Strategies
- Acquisition Processes and Tools
- Risk-Informed Decision-Making and Delegated Decisions
- Innovation

OBJECTIVE 02
Transform Project Financing and Budgeting
Leverage New Tools/Processes
- Alternative Financing Tools
  - WIFIA Loans
  - P3 Pilot Program
- Civil Works Budgeting
- Funding Flexibilities

OBJECTIVE 03
Improve Permitting and Regulation Reform
Streamline; Eliminate Duplication
- Environmental Reviews and Permits
- Mitigation
- Permitting Processes
- Regulation Reform

REVOLUTIONIZE USACE CIVIL WORKS
Thank You!!