

# PRESENTATION TO ACEC MINNESOTA

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U.S. Army Corps of Engineers

St. Paul District

May 2019



*“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.”*



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# AGENDA

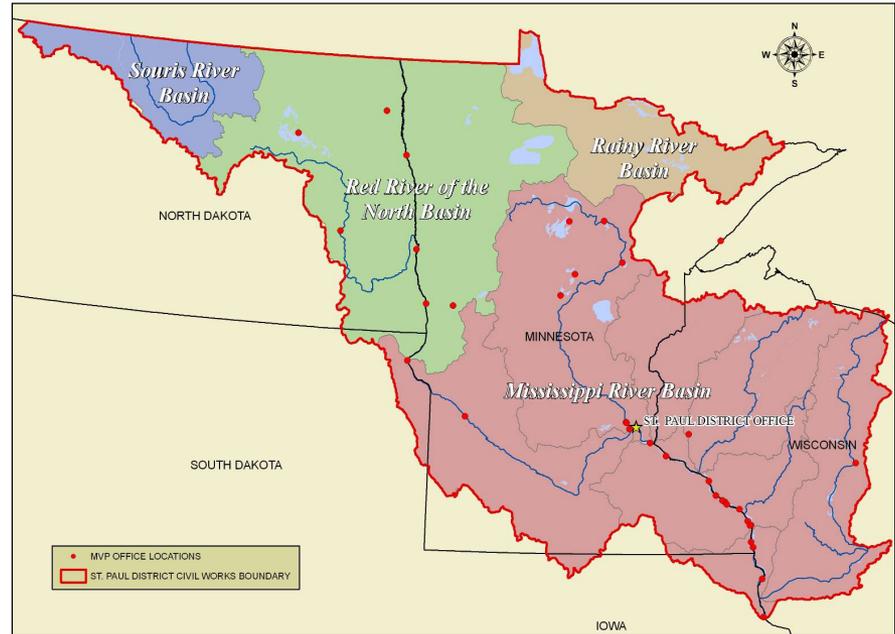
- District Overview
- Funding Trends/Program Comparison
- Projects of Interest
- Contracting Overview
- Current and Future A/E Contracts
- Points of Contact



*9-Foot Navigation Channel  
Upper Mississippi River*

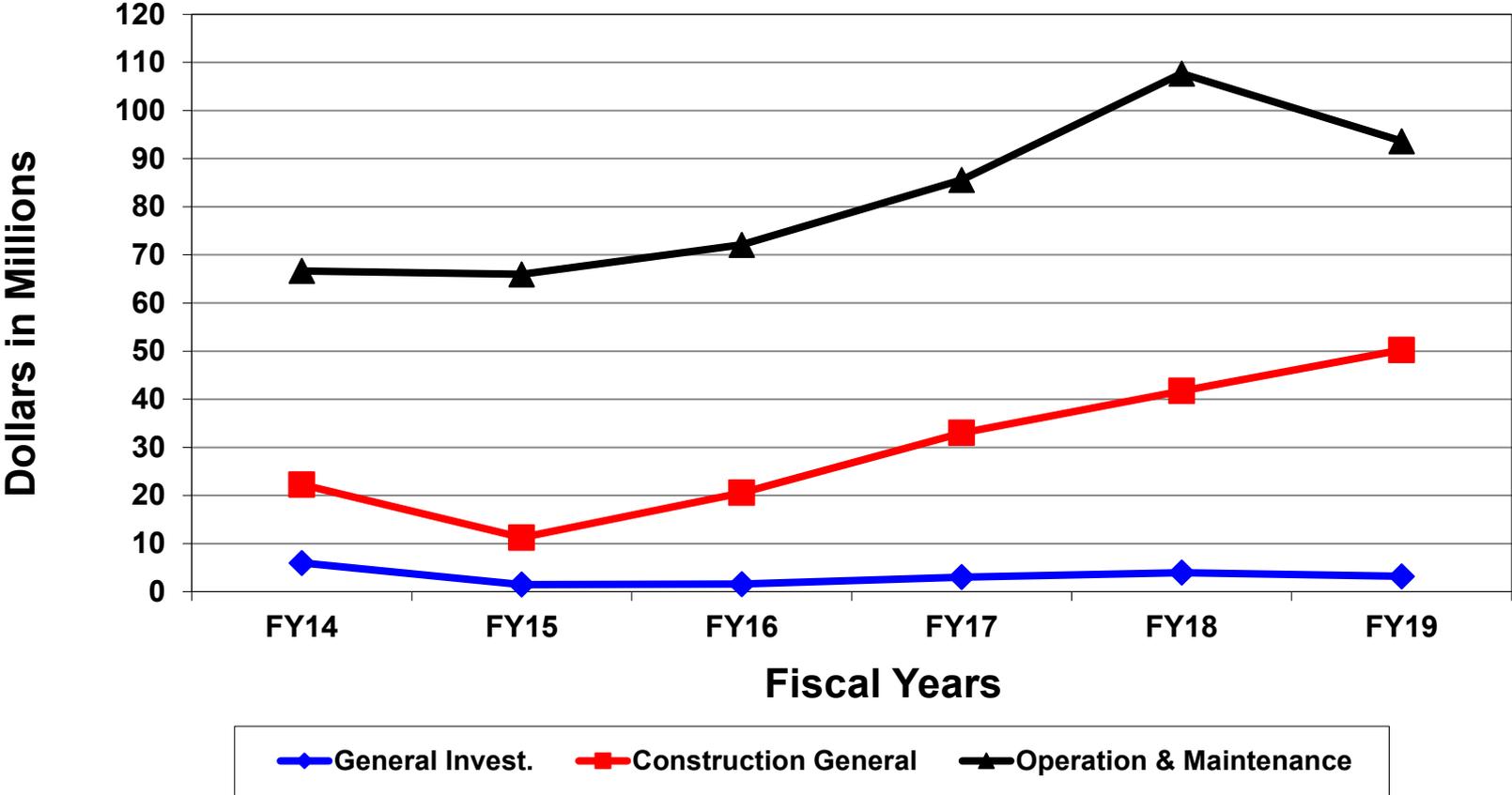
# ST. PAUL DISTRICT

- Covers areas of five states
- 139K square miles
- Four major river basins
- ~500 miles of border shared with Canada
- 13 locks and dams
- 19 reservoirs
- 41 field offices
- 650 employees
- Regulatory program for MN and WI

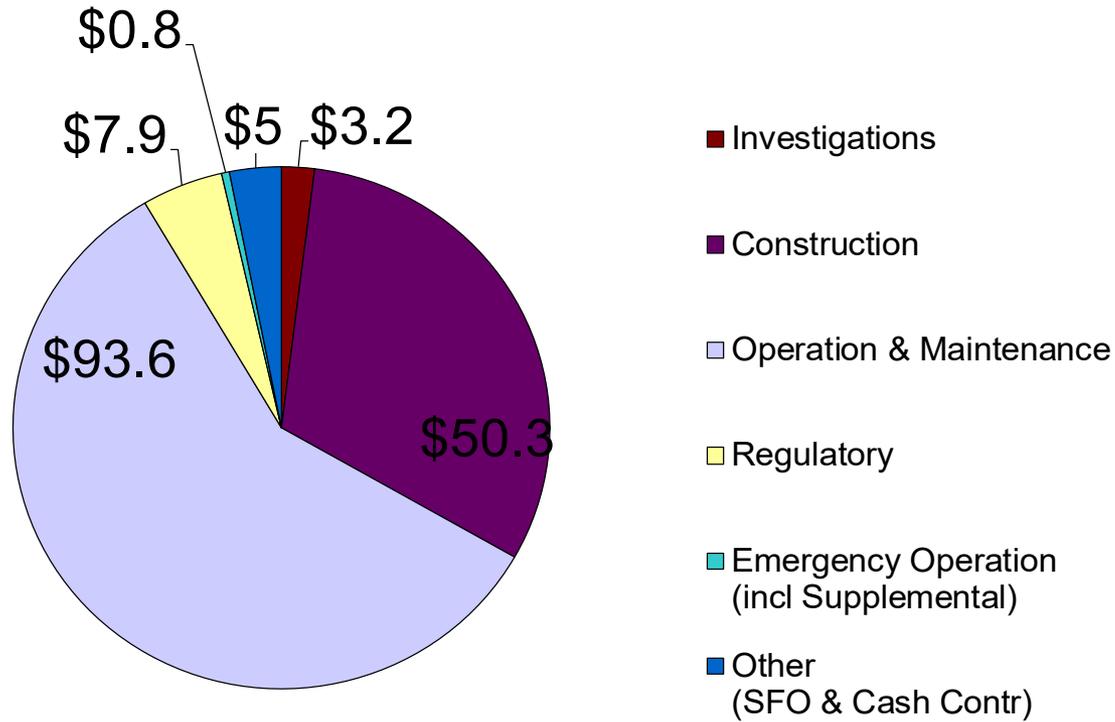


*St. Paul District boundaries*

# DISTRICT PROGRAM TRENDS



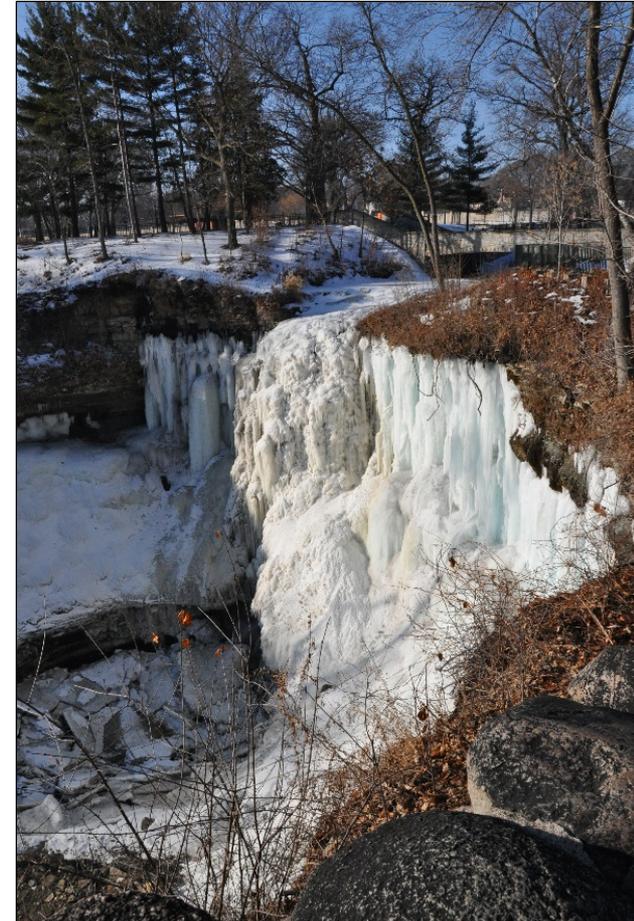
# FISCAL YEAR 2019 WORKLOAD



**Total = \$160.7 million**

# ST. PAUL DISTRICT CONTRACTS

- **Fiscal Year 2018 Totals**
  - ✓ 584 Contracts, \$68.6 million
  - ✓ 61% (\$42m) Construction
  - ✓ 4% (\$2.4m) A/E
  - ✓ 4% (\$5m) Services
  - ✓ 4% (\$5m) Supplies
- **Fiscal Year 2019  
Estimated Contracts  
Breakdown**
  - ✓ 89% (\$110m) Construction
  - ✓ 2% (\$3m) A/E
  - ✓ 4% (\$5m) Services
  - ✓ 4% (\$5m) Supplies



*Minnehaha Falls*

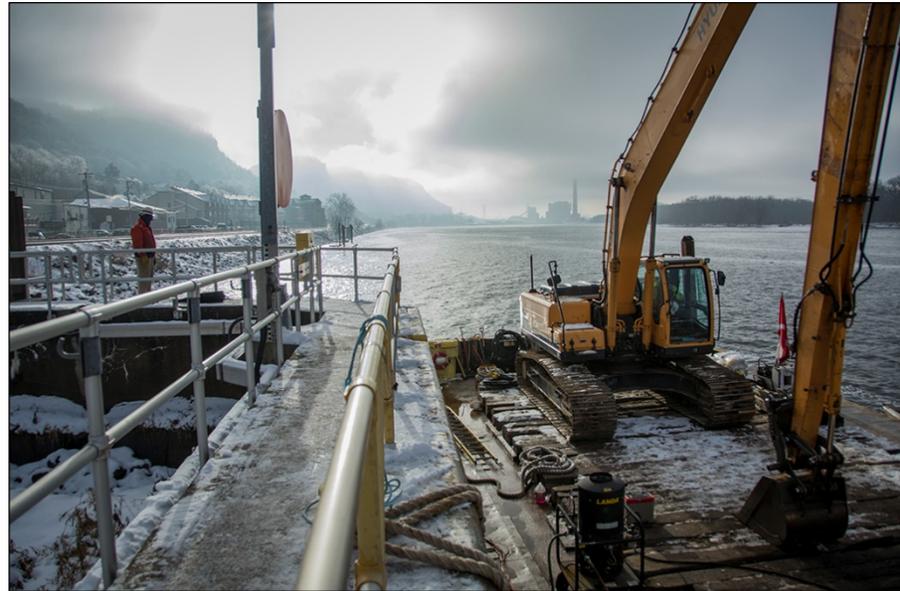


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# ARCHITECT-ENGINEERING SERVICES, IDIQ 2019-2023

- HDR-Bergmann,  
\$10 million
- SEH-Himalayan  
Consultants,  
\$10 million
- Stanley Consultants-  
Stantec,  
\$10 million



*Lock and Dam 4 Guidewall Repairs, winter 2018*

*\*Primary use by St. Paul, Rock Island and  
St. Louis districts*

# CURRENT LARGE PROJECTS

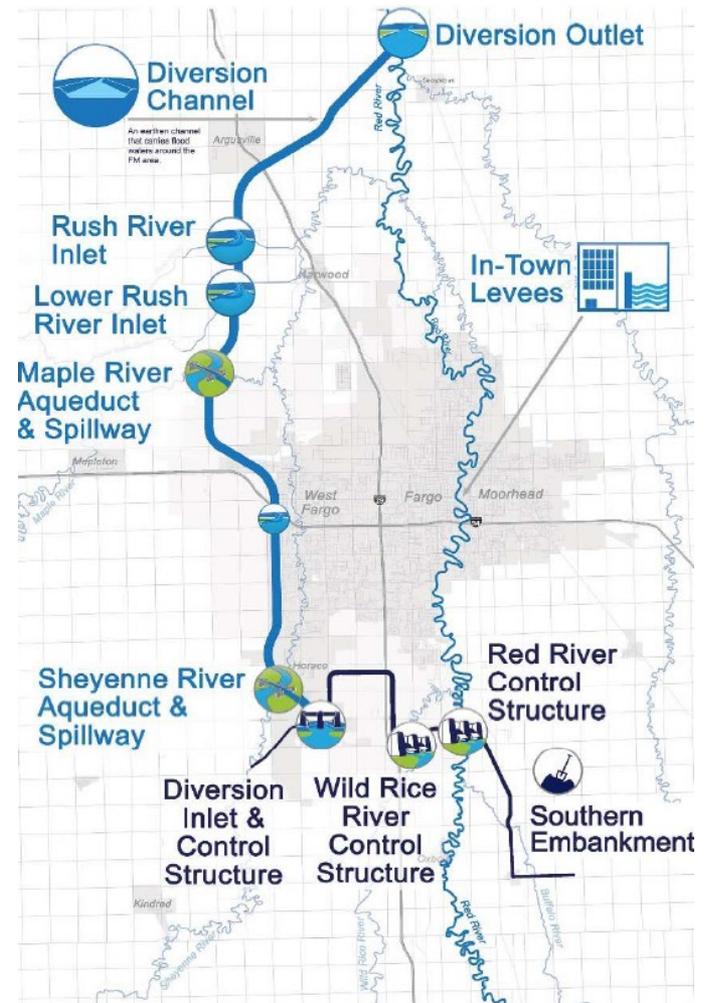
- Fargo-Moorhead Flood Risk Management
- Souris Basin Flood Risk Management
- Marsh Lake Ecosystem Restoration
- Guidewall Crib Repairs  
(and other L/D projects)
- Lock Tow Rails
- Supplemental Projects
- Support to Other Agencies

*Corps' engineer Kevin Denn explains proposed modifications to the Fargo-Moorhead diversion project at a public meeting Sept. 13, 2018.*



# FARGO-MOORHEAD FLOOD RISK MANAGEMENT

- Working closely with sponsors, the Fargo-Moorhead Diversion Authority
- Sponsor recently received a Minnesota permit
- Inlet structure construction proceeding
- Received \$35 million in FY19 work plan, released Nov 2018
- Will advertise Wild Rice Structure construction contract this year



# SOURIS BASIN FLOOD RISK MANAGEMENT

- Ground breaking in March 2018 on first three phases
- Recommended plan is for the Corps to construct the Maple Diversion ~\$85M; final report at Headquarters
- Chief's Report signed in April 2019
- Souris River Joint Board, the sponsor, is moving forward with two additional phases of design



Mouse River project ground breaking (March 2018)

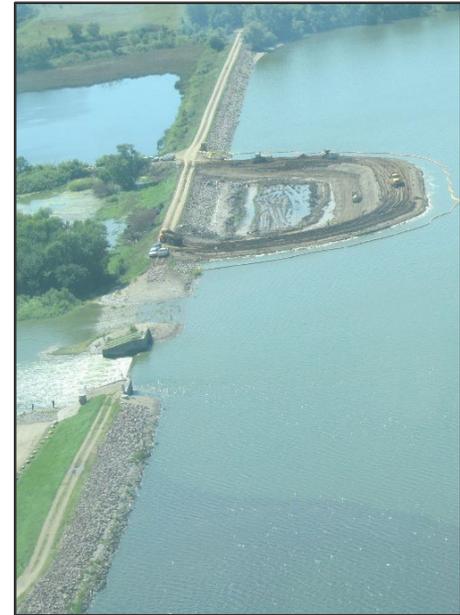
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# MARSH LAKE RESTORATION

- Marsh Lake Dam part of the Corps' Lac qui Parle flood control project
- Project includes restoring the Pomme de Terre River to its natural channel and modifying the dam
- Goal is to restore area to historic conditions and improve habitat
- Non-federal sponsor is the Upper Minnesota River Watershed District in partnership with the MN Department of Natural Resources
- Corps federal share of the project included \$7.6 million to complete construction
- Estimated completion 2020

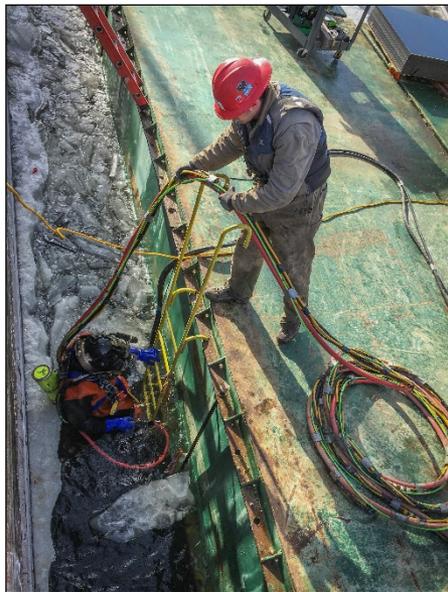


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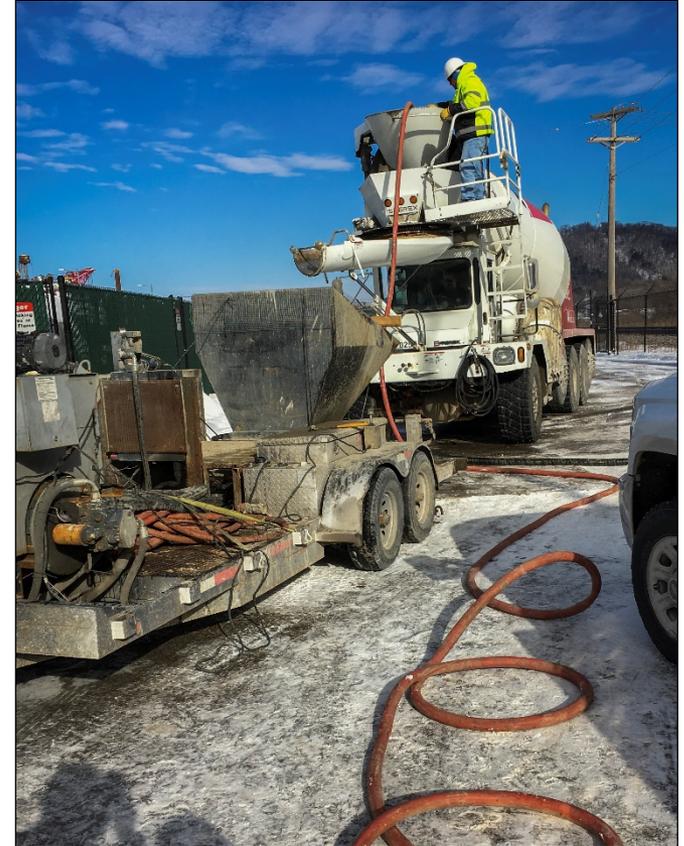


# GUIDEWALL CRIB REPAIRS

- Fill voids in the upper and lower guidewalls with grout
- Construction at Lock and Dams 4, 5, 5A and 9
- Scheduled completion this summer



*A diver is lowered into the lock chamber to conduct guidewall crib repairs at Lock & Dam 8 in Genoa, Wisconsin, on Jan. 9, 2018.*

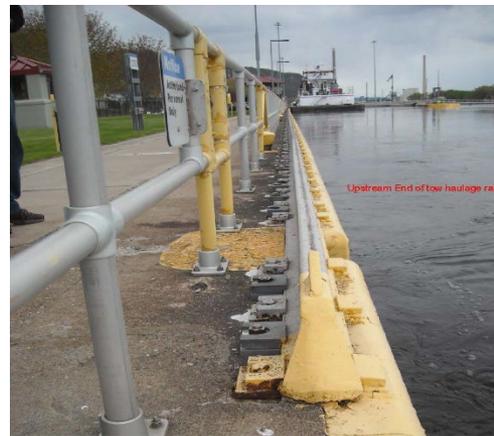


*Crews prepare the concrete while conducting guidewall crib repairs at Lock & Dam 8 in Genoa, Wis., on Jan. 17.*

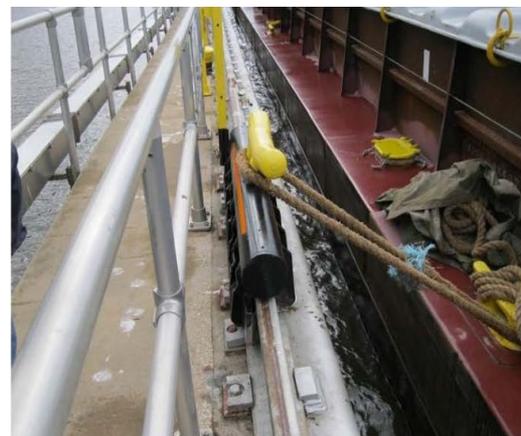
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# TOW RAIL REHABILITATION

- Design-Build Contract, Expected Award May 2019
- Contract includes design, machining of parts, and construction
- Design of Tow Rail at 6 sites— Locks and Dams 4,5,5A,7,8 and 9
- Construction at four sites is the base with two sites as options



*Typical tow rail system. Lock and Dam 4, Alma, Wisconsin.*



*Barges tied off to the traveling level at Lock and Dam 8, near Genoa, Wisconsin.*

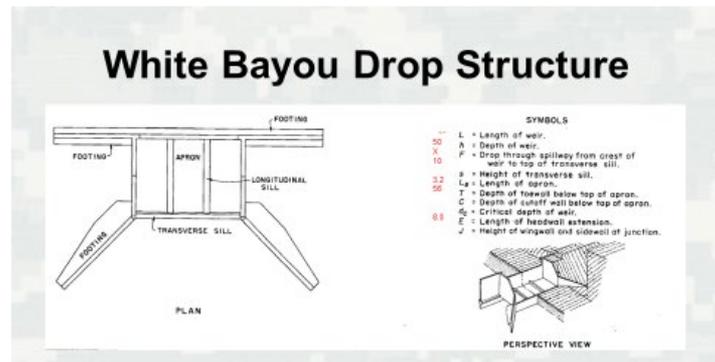
# SUPPORT TO SUPPLEMENTAL PROJECTS

Some of the projects St. Paul is taking on:

- Cedar Rapids, IA, Floodwall, Rock Island District
- Comite River, LA, White Bayou Drop Structure, New Orleans District
- Helena, AR, Floodwall, Memphis District
- West Bank and Vicinity, New Orleans, LA, General Reevaluation Report
- South Central Coast, LA, Feasibility Study, New Orleans District



Helena Floodwall



Comite River- White Bayou Drop Structure



# SUPPORT TO OTHER AGENCIES

- Four VHA remodeling projects, Design-Build
- Fort McCoy Military Service Contract Management



Minneapolis Veterans Hospital

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# POINTS OF CONTACT

## **Commander**

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Col Karl Jansen – July 2022  
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