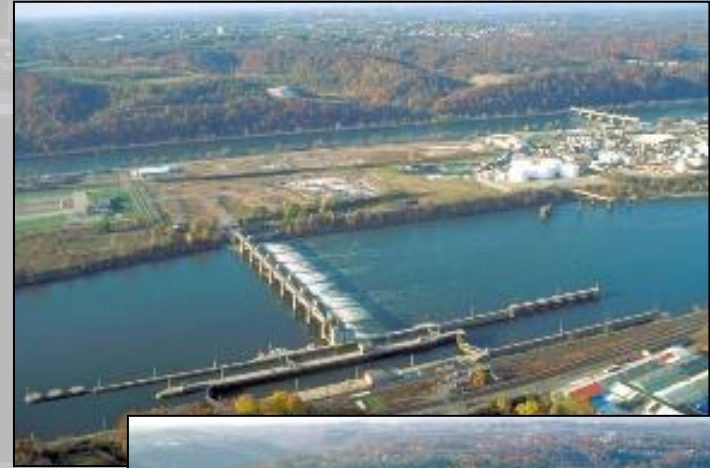


UPPER OHIO RIVER/ MONTGOMERY LOCK

INLAND WATERWAYS INDUSTRY DAY MEETING

Mr. Steve Fritz
MEGA Projects Program Manager
U.S. Army Corps of Engineers,
Pittsburgh District
15 December 2021

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



US Army Corps
of Engineers®



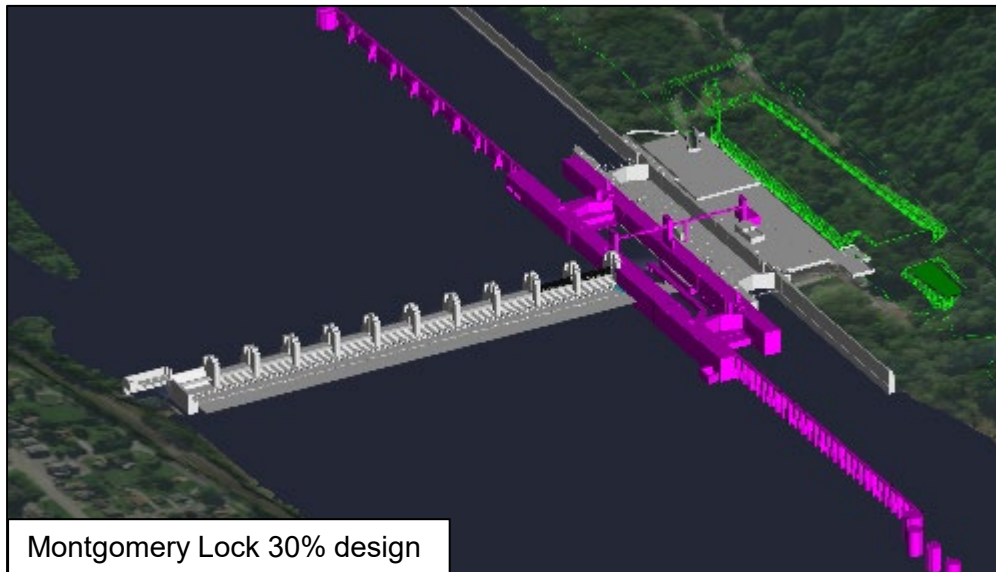
SCHEDULE- WORK DONE IN FY21



- Physical modeling for Montgomery lock started
- Cultural assessment of concrete batch plant site
- Awarded Secant Pile Contract (First Construction Contract) – 21 June 2021
- Geotechnical investigation drilling at concrete batch plant site
- 30% design completed – October 2021



Geotechnical drilling



Montgomery Lock 30% design



Cultural assessment



SCHEDULE- ONGOING & PLANNED WORK FOR FY22



- Update project cost and schedule
- Focus on Montgomery lock
 - Start secant wall construction
 - Complete environmental site assessment for batch plant site
 - Real estate acquisition
 - Site development design
 - Complete 60% lock design





COST/FUNDING OVERVIEW



Current Project Estimate (fully funded): \$2.17B *1	GI-PED	CG	IWTF	Total
FY17 Allocation:	\$5,525,000	-	-	\$5,525,000
FY18 Allocation:	\$2,353,000	-	-	\$2,353,000
FY19 Allocation:	\$2,500,000	-	-	\$2,500,000
FY20 Allocation:	\$7,700,000	-	-	\$7,700,000
FY21 Allocation:	-	\$14,300,000	\$7,700,000	\$22,000,000
Total Allocations to Date:	\$18,078,000	\$14,300,000	\$7,700,000	\$40,078,000
Remaining Balance:				\$2,129,922,000
Remaining Balance Change From Last Meeting:				\$2,129,922,000

	First Cost	Fully Funded
Original Authorized Cost:	\$2.69B	\$3.14B
Revised Project Cost¹	\$1.64B	\$2.17B

*1 – The 2019 fully funded estimate reported was \$1.8B. The project cost was updated in February 2021 and included sequential construction (vice concurrent) of Montgomery, Emsworth, and Dashields. It also included the assumption that all value engineering proposals could be implemented.

\$2.17 B reflects the inflation of moving Emsworth and Dashields into the future. The 2022 cost estimate will consider the 30% design, sequential construction, and remaining or removed value engineering opportunities.

Current Status of the Project

- Efforts focused on Montgomery Lock
 - First construction contract awarded in 2021
 - Montgomery 30% Lock Design complete; 60% design effort ongoing
 - Navigation model and Filling & Emptying system model being tested at ERDC
 - Coordinating with private and public stakeholders

Next Steps

- Update project cost and schedule
- Complete environmental site assessment for batch plant site
- Real estate acquisition to support Montgomery lock construction
- Complete Montgomery lock design (2023)
- Award Montgomery lock construction contract (2024)



ISSUES AND CHALLENGES



Issues and Challenges

- Facility failure occurs while waiting for funds
- Facility failure occurs while under construction
- Other IWTF priorities
- COVID

Good news

- Authorized cost share change (65%/35%) for IWTF projects
- Project received a construction “new start” in FY21
- Awarded first construction contract in FY21
- Infrastructure Investment and Jobs Act – potential funding source
- New Montgomery Lock contract award as early as 2024



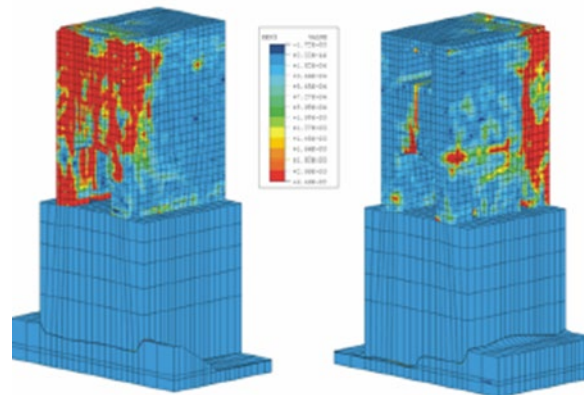
THANK YOU



**Stephen Fritz, MEGA Projects
Program Manager**

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**Middle Wall Cracking Pattern
Projected in Year 2060
Monolith Faces**