

# Upper Ohio Navigation Project Update Inland Waterways Users Board Meeting No. 94

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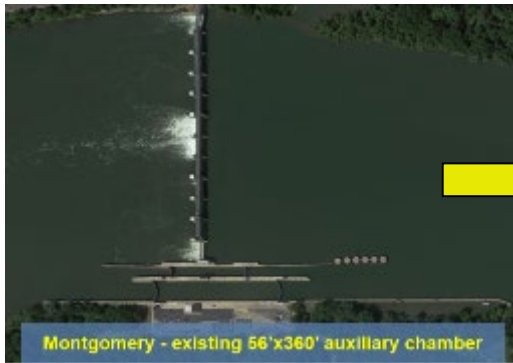
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# Upper Ohio - Project Overview

Pre-Project

Post-Project



## Major Project Features

- Similar work at Montgomery, Dashields, & Emsworth
  - Demolish the existing 56' x 360' Auxiliary Chamber
  - Construct a new 110' x 600' Main Chamber
  - Modifications to dams

## Financial

- 902 Limit: \$3.87 Billion
- Fully Funded Estimate at Completion<sup>1</sup>: \$1.81 Billion

1. Total Project Cost updated – January 2019. Value Engineering Study recommendations included in cost update reducing TPC from \$3.1B to \$1.8B.



# Upper Ohio - Project Funding and Status

Current Project Estimate*1: \$1.81B	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 Budget:	TBD	-	-	-
<b>Total Allocations to Date:</b>	<b>\$18,078,000</b>			<b>\$18,078,000</b>
<b>Remaining TPC Balance:</b>		<b>TBD</b>	<b>TBD</b>	<b>\$1,799,622,000</b>
<b>Remaining Balance Change From Last Meeting:</b>				<b>\$7,700,000</b>

Changes: Received \$7.7M via FY20 work plan

## Funding Overview

•Original Authorized Cost (2016):	\$2.69B
•902 Limit:	\$3.36B
•PED Funding (FY17-FY20):	\$18M
•Engineering & Design Cost:	\$187.6M
•Supervision & Admin Cost:	\$104.4M
•Mitigation:	\$0
•Fully Funded Estimate (2019):	\$1.81B

1. Total Project Cost updated – January 2019. Value Engineering Study recommendations included in cost update reducing TPC from \$3.1B to \$1.8B (fully funded).
2. Seeking New start in Construction in FY21.

## Current Status of the Project

- First construction contract (Secant Wall) ready to advertise\*2
- Design work started on Montgomery L/D
- Economic re-evaluation completed

## Next Steps

- Award 30% Lock Chamber Design A-E Contract
- Begin construction of navigation approach model
- Real estate acquisition planning

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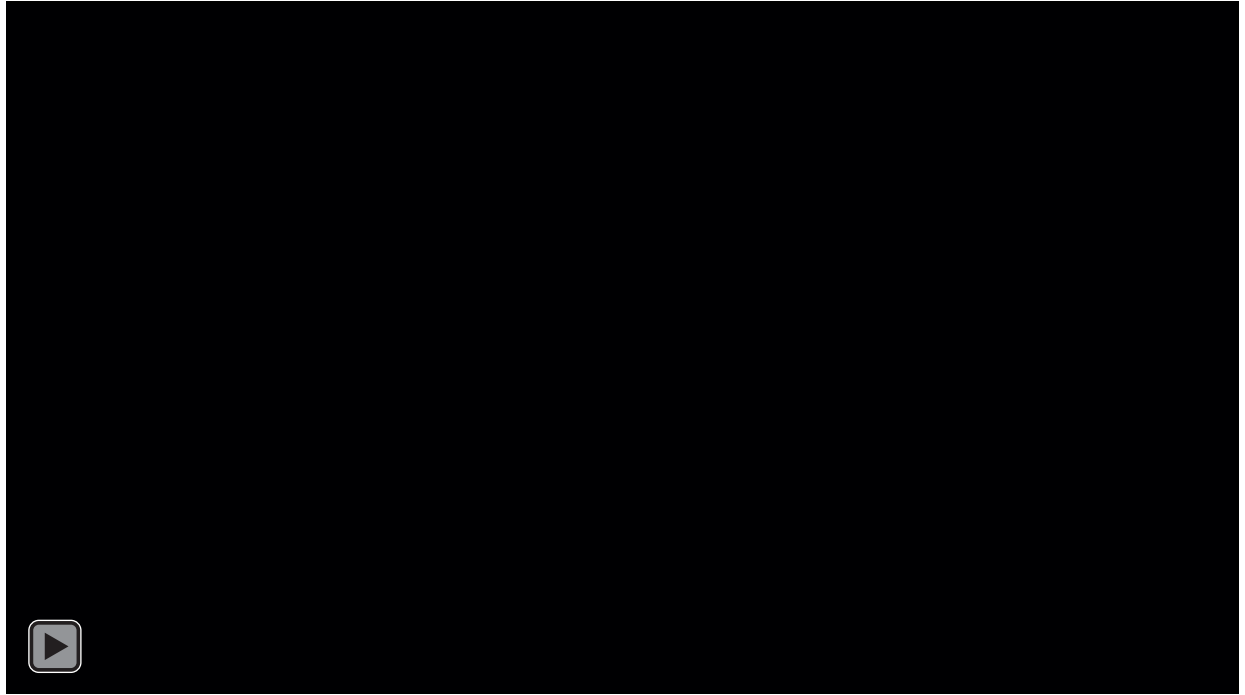
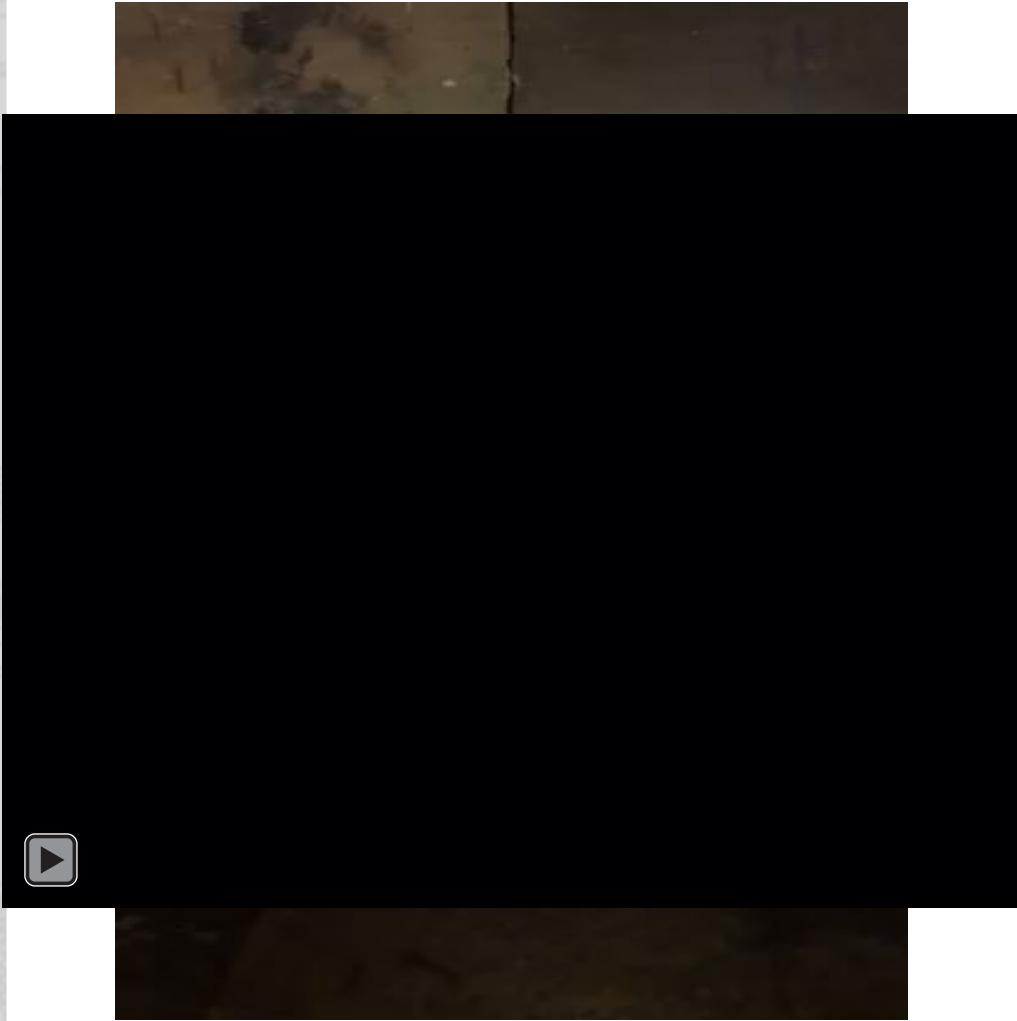
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# Upper Ohio - Discussion

- Seeking construction “new start” as soon as possible (FY 2021)
  - ~~FY20 is likely the last year of GI-PED funding~~
  - Funding from the Construction General account is likely to be more efficient than GI-PED
  - Positioned to advertise first construction contract in **2021**
  - Position to award the Montgomery Locks contract in FY 2023 – funding dependent
- Economic re-analysis completed in February 2020 (BCRs)
  - 1.1 to 1 @ 7%
  - 2.4 to 1 @ 2.75%
- Risks
  - Facility failure occurs while waiting for funds
  - Facility failure occurs while under construction
  - Other IWTF priorities

# Upper Ohio – Condition Driven



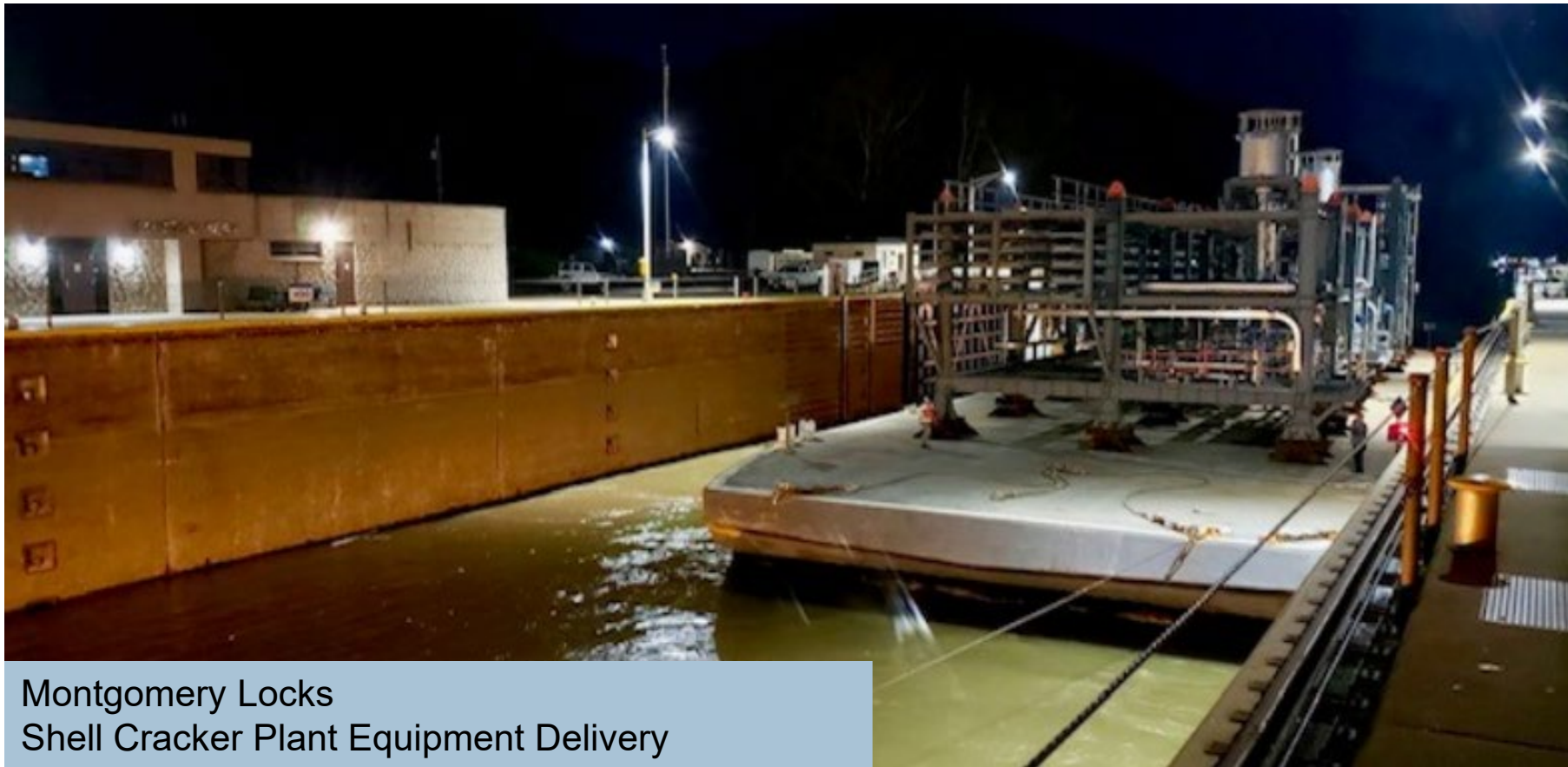
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# Upper Ohio - Questions



Montgomery Locks  
Shell Cracker Plant Equipment Delivery

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