

# MKARNS THREE RIVERS

Inland Waterways Users Board Meeting No.  
102

Jonathan Gillip, PMP  
Project Manager  
U.S. Army Corps of Engineers  
Little Rock District (SWL)

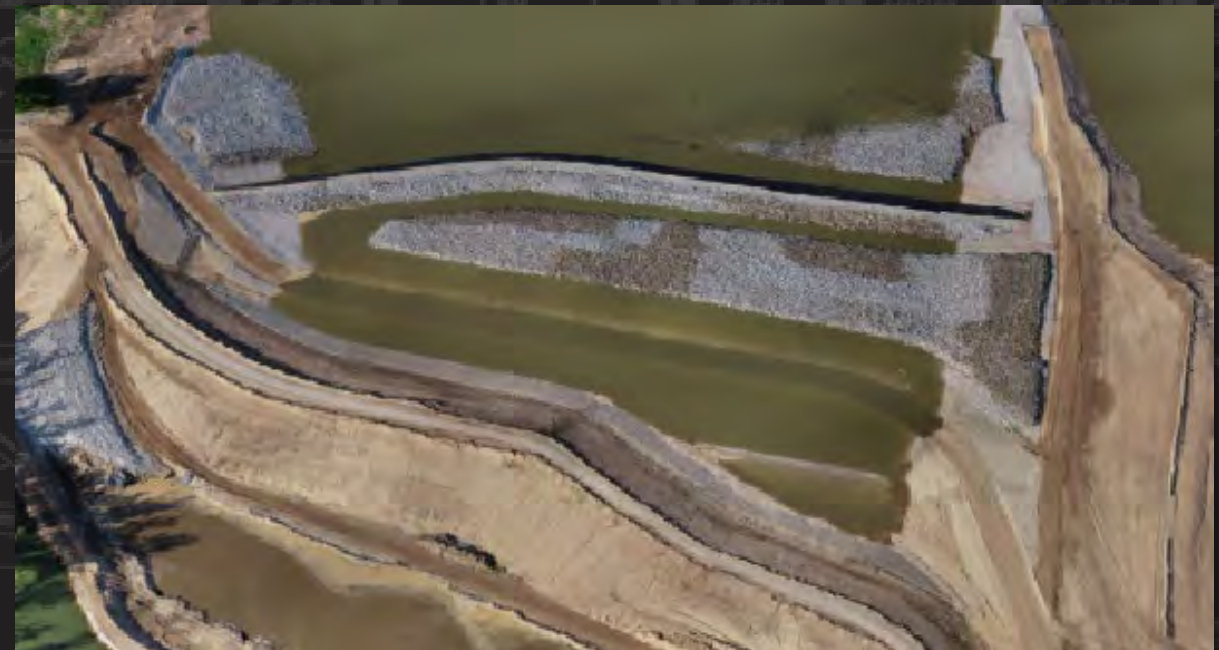
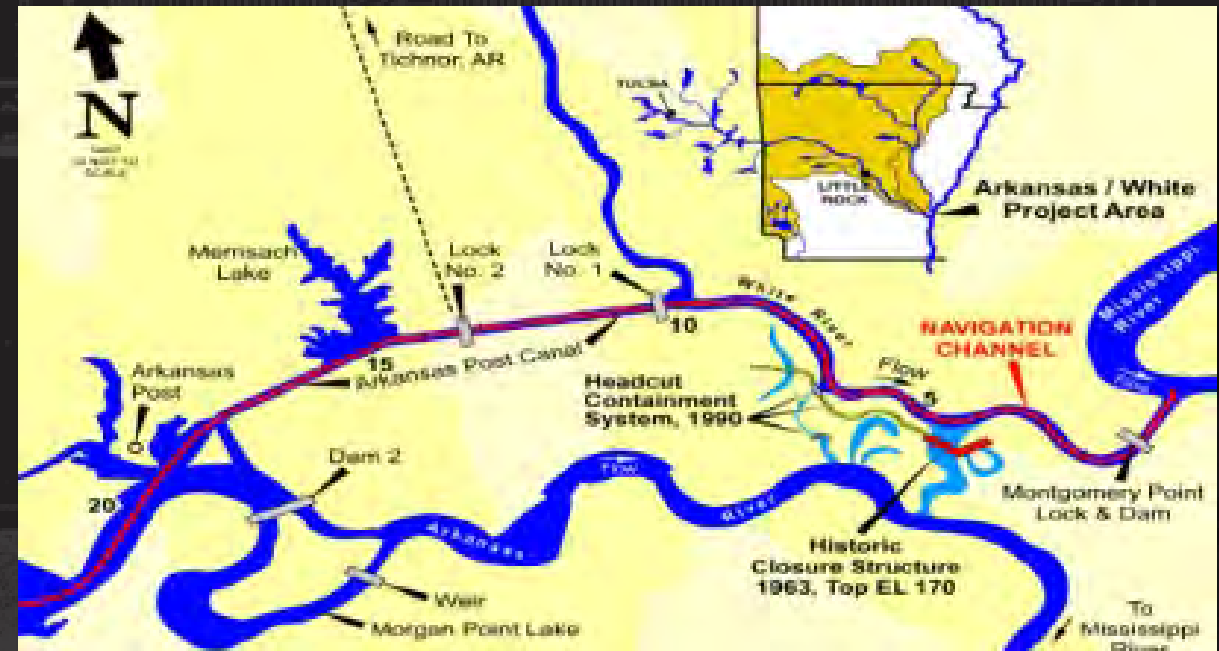
1 August 2024



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# MKARNS THREE RIVERS – BLUF STATUS / DASHBOARD

## PROJECT SAFETY



*Exposure Hours:*  
**81,605 (7/12/24)**  
*No accidents*

## PROJECT STATUS SUMMARY



*Schedule:*

	<u>Original</u>	<u>Last</u>	<u>Current</u>
Operational <sup>1</sup>	Jun-25	Sep-26	Sep-26
Completion	Jun-26	TBD	<b>Jan-28</b>

*Next Major Contract Award:*  
Phase 2 contract award      Dec-24

## FINANCIAL STATUS SUMMARY



*Project Performance:*  
*Phase 1*  
**38% Planned, 61% complete: Schedule**  
*Performance Index - 1.61*

<sup>1</sup>“Operational” is considered the completion of Phase 1, full project benefits will not be realized until the completion of Phase 2.

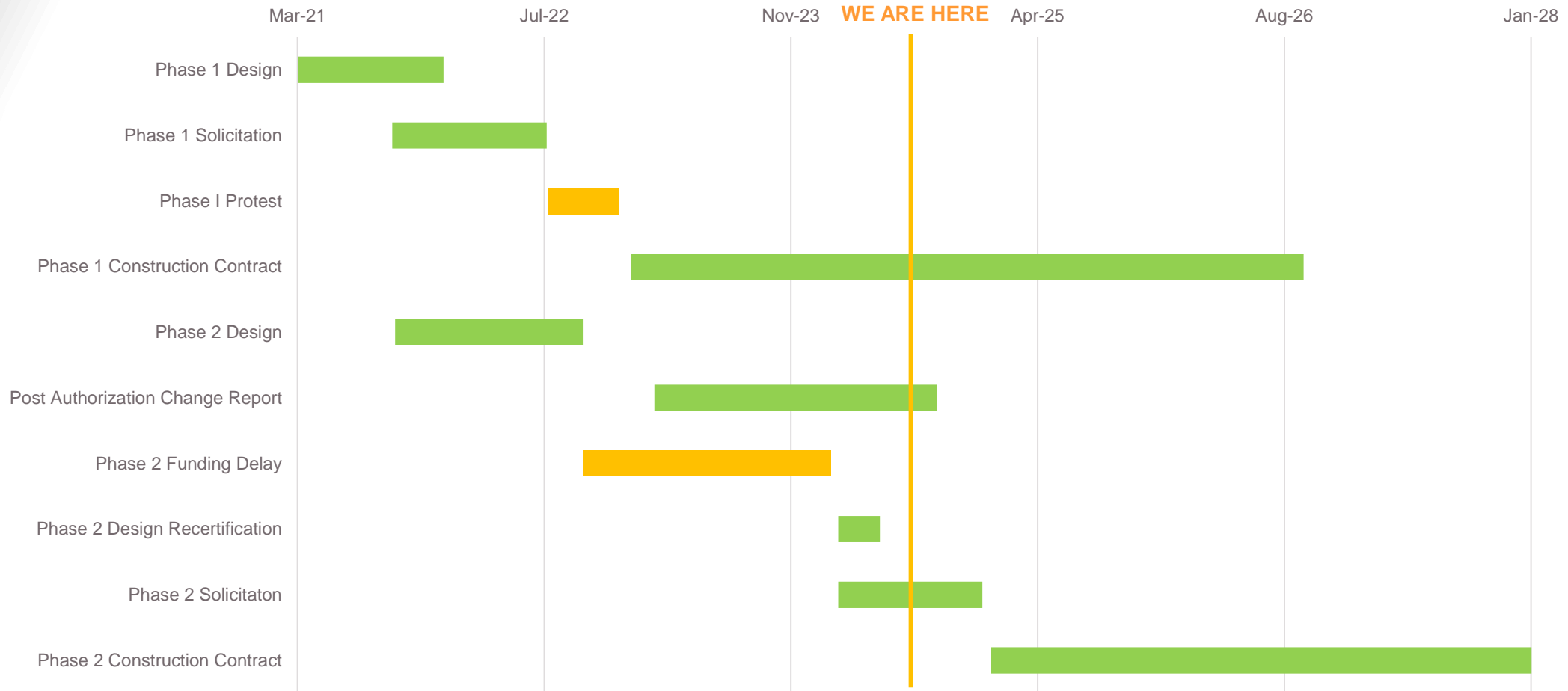
## EXECUTIVE SUMMARY:

- Phase 1 Design Build Construction contract was awarded 19 JUL 2022, NTP 5 JAN 2023.
  - Phase 1 design is complete, construction underway.
  - Phase 1 contract value was \$175,850,000
- Post Authorization Change Report (PACR) and Change Control Board (CCB) required.
  - Certified Cost Estimate (CCE) was updated APR 2024.
  - **FY24 CCE is \$333,761,000** (exceeds authorization, 902 Notification Letters sent)
  - Post Authorization Change Report in process (**SEP 2024** completion) and Change Control Board was approved.
- Phase 2 Design-Bid-Build Contract scheduled for award DEC 2024.
  - **Notice to proceed will be JAN 2025, with completion scheduled JAN 2028.**
  - Additional funding received for Phase 2 in FEB 2024, MAR 2024.



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# MKARNS THREE RIVERS – SCHEDULE & FUNDING



## Schedule comments:

- Project is fully funded.
- Post Authorization Change Report (PACR) in process and Change Control Board approved, anticipate PACR completion SEP 2024.
- Phase 2 contract award scheduled for DEC 2024



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# MKARNS THREE RIVERS – FUNDING SUMMARY



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Allocations:	INV (\$M)	CG (\$M)	IWTF (\$M)	BIL (\$M)	Total (\$M)
Through FY21	\$12.47				\$12.47 <sup>1</sup>
FY22		\$96.85	\$52.15	\$109.15	\$258.15
FY23		(\$4.36) <sup>2</sup>	\$4.36 <sup>2</sup>		\$0
FY24				<b>\$186.12<sup>3</sup></b>	\$186.12
Total to Date	\$12.47	\$92.49	\$56.51	\$295.27	\$456.74
Remaining TPC Balance					(\$82.95)

Notes:

<sup>1</sup>\$6.68M of INV funding to be returned due to award of construction contract

<sup>2</sup>Funding swap to account for PED cost share

<sup>3</sup>\$82.95M BIL Spend Plan Adjustment (MKARNS 12'Channel); **\$103.17M FY24**  
**Earmark provided as re-purposed BIL Funds**

Total Project Cost (TPC)	<b>\$333.76M<sup>1</sup></b>	<b>2024</b>
Authorized Cost:	\$184.4M	WRDA 2018
Escalated Cost:	\$232.79M	2023
902 Limit:	\$279.49M	2023
PED Cost:	<b>\$8.42M<sup>1</sup></b>	<b>2024</b>
EDC Cost:	<b>\$1.58M<sup>1</sup></b>	<b>2024</b>
S&A Cost:	<b>\$7.33M<sup>1</sup></b>	<b>2024</b>

Notes:

**<sup>1</sup>From FY24 Certified Cost update (APR 2024)**

**Fiscal Year Funding Scenario Breakout: N/A, project fully funded.**

## Commentary:

- Updated Certified Cost Estimate **received APR 2024.**
- Post Authorization Change Report in progress, scheduled completion **SEP 2024.**
- **Total Project First Costs BCR 2.3, Remaining Costs BCR 4.7 (APR 2024).**



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# MKARNS THREE RIVERS – ISSUES/CHALLENGES

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- Phase 1 Contract Award of \$175,850,000 was higher than estimated.
  - Created funding challenge, resolved.
- Protest of Phase 1 Contract Award delayed project 5 months
  - Potential cost and schedule impacts on Phase 1, **impacts appear to be minimal.**
- Challenging Site Conditions
  - Flooding could impact construction. Minor flooding impacts have been experienced on Phase 1.
- Real Estate
  - **Phase 2 acquisition on USFWS property requires appraisal, fair market value payment, and easement instead of permit that has been used previously.**
- Requirement of Project Labor Agreement
  - Some contractors indicated they would not bid with this requirement, **sufficient interest remains.**



# MKARNS THREE RIVERS – ISSUES/CHALLENGES



19 APR



3 MAY



15 MAY



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# MKARNS THREE RIVERS – *LOOK AHEAD*



- Phase 1 Contract
  - Awarded JUL 2022
  - Installation of grout cutoff wall – in progress, completion scheduled 15 AUG
  - Installation of soil cement core – completion scheduled 30 OCT
  - Contract Required Completion SEP 2026
- Phase 2 Contract
  - Award Scheduled DEC 2024
  - Completion Scheduled JAN 2028







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# QUESTIONS?

Project Manager: Jonathan Gillip, PMP  
[jonathan.a.gillip@usace.army.mil](mailto:jonathan.a.gillip@usace.army.mil)







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# BACKUP SLIDES



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# MKARNS THREE RIVERS - OVERVIEW

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**Authorization:** Section 1401 of America's Water Infrastructure Act of 2018.

- Authorized Cost: \$184,395,000; FY23 Escalated Cost \$242,611,000

**Purpose/Description:** The purpose of the project is to preserve navigation on the McClellan-Kerr Arkansas River Navigation System (MKARNS). Overland flows have caused significant erosion and head cutting to the land between the Arkansas and White Rivers, threatening the uncontrolled connection of the rivers which would result in the loss of the navigation pool.

## **Schedule:**

Phase 1 Construction Completion scheduled for September 2026.

Post Authorization Change Report scheduled to be completed in July 2024.

Phase 2 Contract Award is scheduled for December 2024.

**Cost:** December 2022 (FY23) Certified Cost Estimate Fully Funded Cost: \$355,681,000

**902 Limit:** \$279,490,000



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# MKARNS THREE RIVERS - SCOPE



- Phase 1: Design Build Construction of a Hydraulic Weir at elevation 145 feet above MSL (HC145) at the location of the Historic Closure Structure.
- Phase 2: Design Bid Build Construction of a Hydraulic Containment Structure at elevation 157 feet above MSL (C157), the Modification of the Owens Weir, and the Modification of LaGrues Culverts.