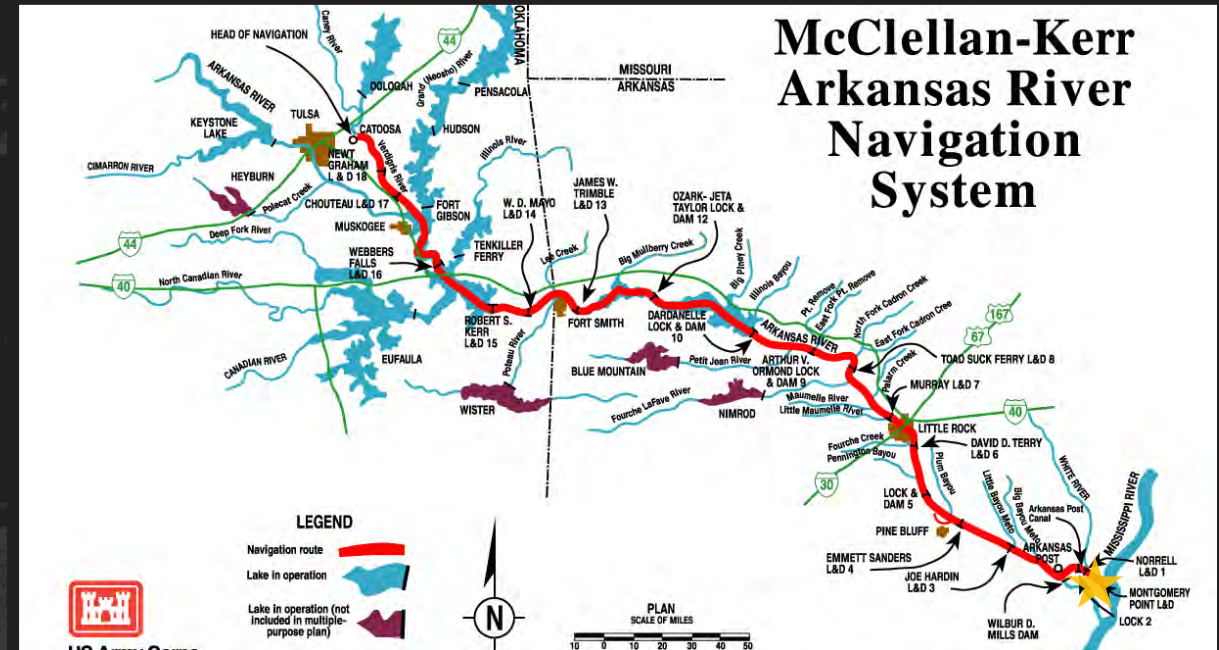


MKARNS THREE RIVERS

Inland Waterways Users Board Meeting No.
104

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

13 December 2024





U.S. ARMY



MKARNS THREE RIVERS – BLUF STATUS / DASHBOARD

PROJECT SAFETY



Exposure Hours:
119,400 (11/20/24)
No accidents

PROJECT STATUS SUMMARY



Schedule:	<u>Original</u>	<u>Last</u>	<u>Current</u>
Operational ¹	Jun-25	Sep-26	Nov-25
Completion	Jun-26	Jan-28	Jan-28

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

FINANCIAL STATUS SUMMARY



Project Performance:
Phase 1
51% Planned, 70% complete: Schedule
Performance Index - 1.37

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

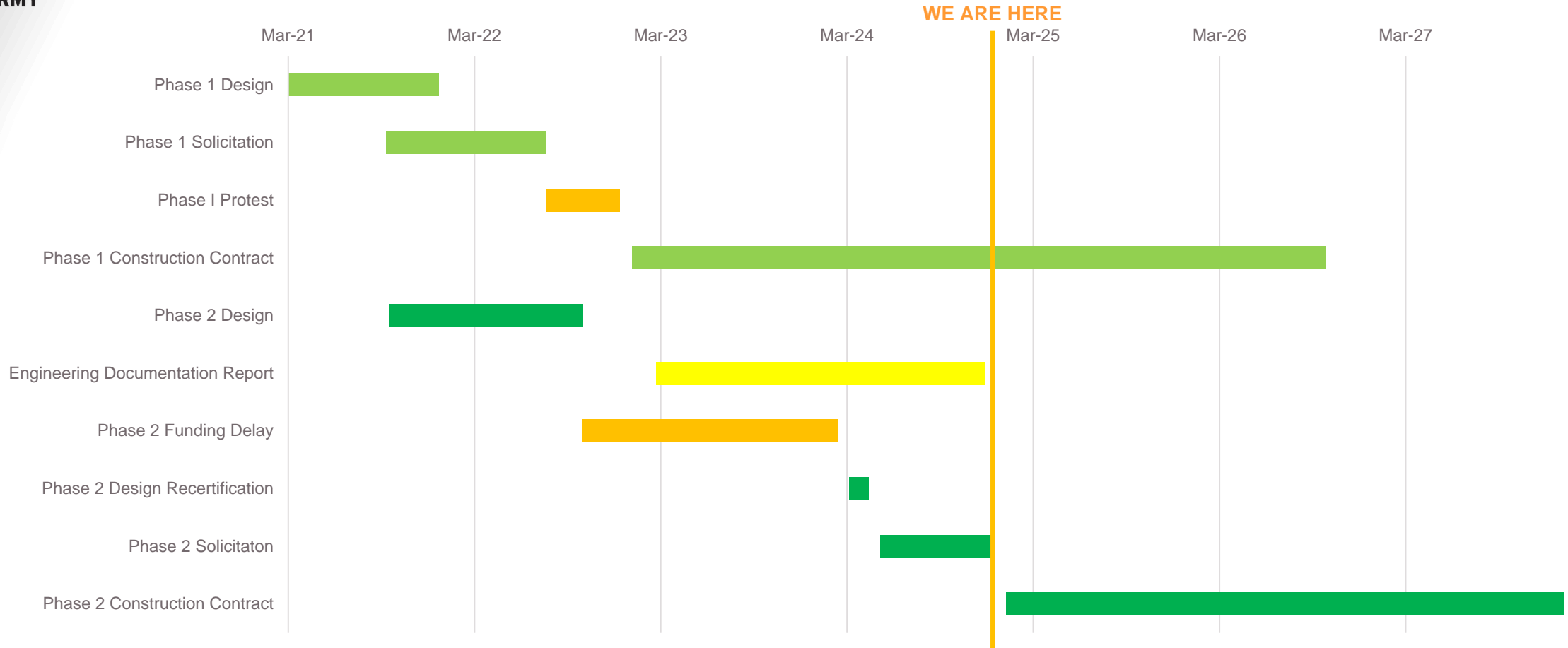
EXECUTIVE SUMMARY:

- 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
- **Engineering Documentation Report (EDR)** 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)
 - **Engineering Documentation Report and Change Control Board completed.**
- 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.
- [Engineering Documentation Report and Change Control Board](#) completed.
- Phase 2 contract award scheduled for [17 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 ¹
FY22		\$96.85	\$52.15	\$109.15	\$258.15
FY23		(\$4.36) ²	\$4.36 ²		\$0
FY24				\$186.12 ³	\$186.12
Total to Date	\$12.47	\$92.49	\$56.51	\$295.27	\$456.74
Remaining TPC Balance					(\$82.95)

Notes:

¹\$6.68M of INV funding to be returned due to award of construction contract

²Funding swap to account for PED cost share

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

Total Project Cost (TPC)	\$333.76M ¹	2024
Authorized Cost:	\$184.4M	WRDA 2018
Escalated Cost:	\$232.79M	2023
902 Limit:	\$279.49M	2023
PED Cost:	\$14.55M ¹	2023
EDC Cost:	\$13.13M ¹	2023
S&A Cost:	\$23.79M ¹	2023

Notes:

¹From FY24 Certified Cost update (APR 2024)

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

Commentary:

- Updated Certified Cost Estimate received APR 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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- Challenging Site Conditions
 - Flooding could impact construction. Minor flooding impacts have been experienced on Phase 1.
- Real Estate - **Resolved**
 - 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 - **Resolved**
 - Some contractors indicated they would not bid with this requirement, sufficient interest remains.



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MKARNS THREE RIVERS – *LOOK AHEAD*

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- Phase 1
 - Installation of grout cutoff wall and soil cement weir– completed
 - North End Treatment – completed
 - South End Treatment – completion scheduled DEC 2024
 - Installation of concrete driving surface – completion scheduled JAN 2025
 - Degrade of Historic Closure Structure – completion scheduled APR 2025
 - Rock placement - completion scheduled AUG 2025
 - Contract Required Completion SEP 2026
- Phase 2
 - Award Scheduled DEC 2024
 - Notice to Proceed – scheduled JAN 2025
 - Completion Scheduled JAN 2028





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QUESTIONS?

Project Manager: Jonathan Gillip, PMP
jonathan.a.gillip@usace.army.mil



02 AUG 2024



16 NOV 2024



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BACKUP SLIDES



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MKARNS THREE RIVERS - OVERVIEW



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

MKARNS THREE RIVERS – ISSUES/CHALLENGES



19 APR



3 MAY



15 MAY



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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.