

MKARNS THREE RIVERS

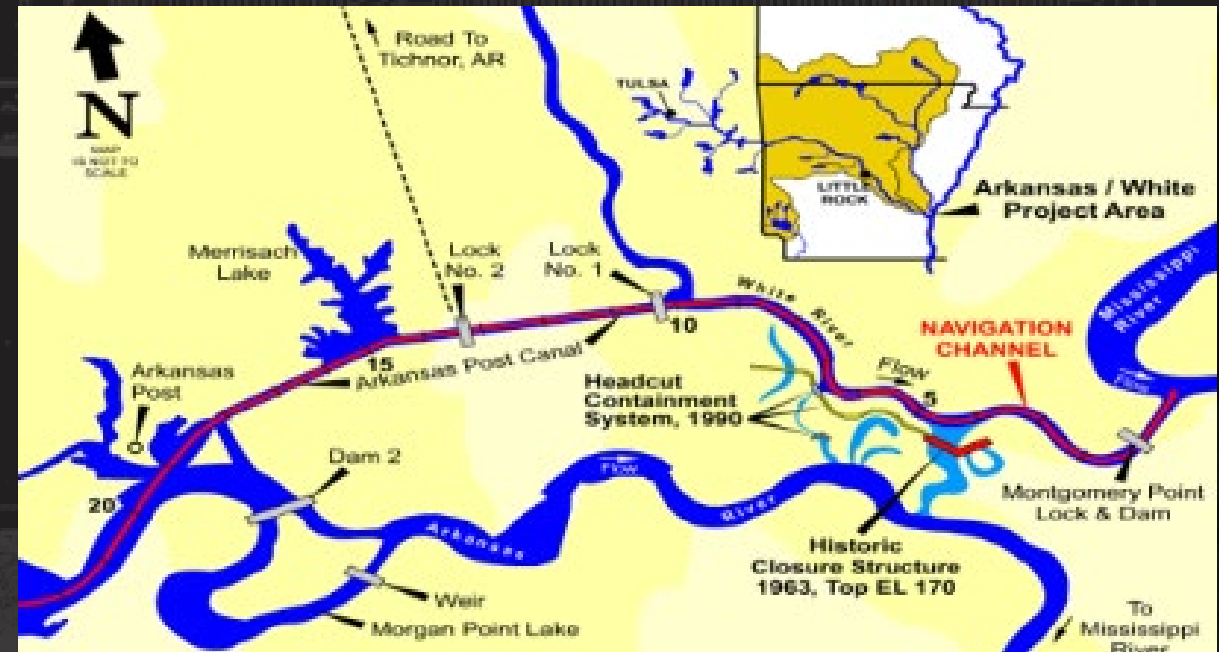
Inland Waterways Users Board Meeting No.
102

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Project Manager
U.S. Army Corps of Engineers
Little Rock District (SWL)

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US Army Corps
of Engineers®





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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



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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.



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MKARNS THREE RIVERS – BLUF STATUS / DASHBOARD

PROJECT SAFETY



Exposure Hours:
60,053 (3/16/24)
No accidents

PROJECT STATUS SUMMARY



Schedule:	<u>Original</u>	<u>Last</u>	<u>Current</u>
Operational ¹	Jun-25	Sep-26	Sep-26
Completion	Jun-26	TBD	TBD
Next Major Contract Award:			
Phase 2 contract award	Dec-24		

FINANCIAL STATUS SUMMARY



Project Performance:
Phase 1
27% Planned, 42% complete: Schedule
Performance Index - 1.56

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

EXECUTIVE SUMMARY:

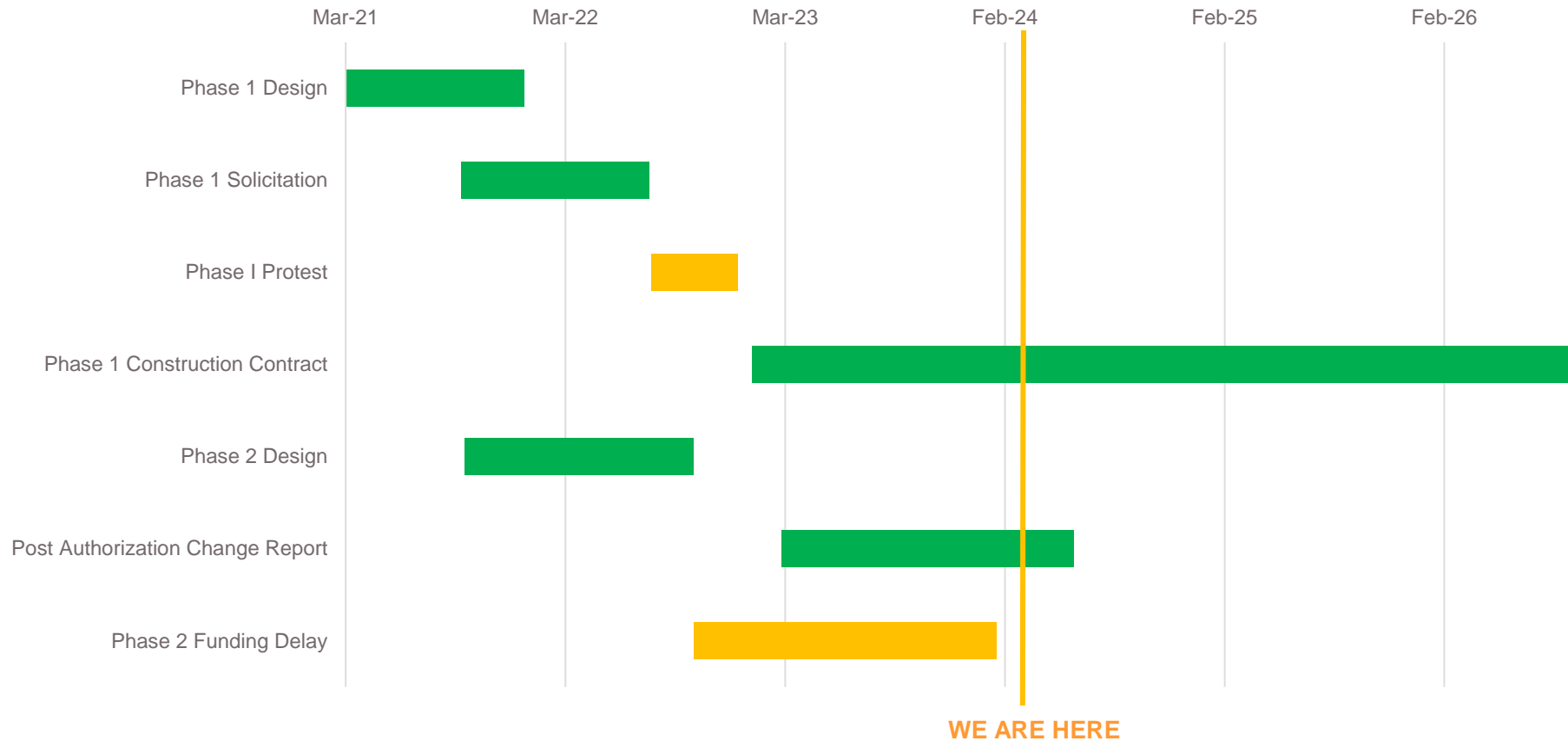
- Phase 1 Design Build Construction contract was awarded 19 Jul 22, NTP 5 Jan 2023.
 - Phase 1 design is complete.
 - Groundbreaking held 24 August 2023.
 - Early Work Packages allowed construction to begin prior to final design.
 - Phase 1 contract value was \$175,850,000
- PACR and CCB
 - Certified Cost Estimate (CCE) for Phase 2 was updated December 2022, currently being updated for PACR.
 - FY23 CCE is \$355,681,000 (exceeds authorization, 902 Notification Letters sent)
 - Post Authorization Change Report in process and Change Control Board was approved.
- Phase 2 Design-Bid-Build Contract scheduled for award December 2024.
 - Additional funding received for Phase 2 in February 2024, March 2024.



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MKARNS THREE RIVERS – SCHEDULE & FUNDING

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Schedule comments:

- Phase 1 Contract Award 19 Jul 22, Protested 22 Jul 22, Protest withdrawn 13 Dec 22
- Phase 1 NTP 05 Jan 23, Phase 1 Construction Contract scheduled completion 30 Sep 2026.
- Post Authorization Change Report (PACR) in process and Change Control Board approved, anticipate PACR completion Jul 24.
- Phase 2 contract award scheduled for Dec 24



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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		\$67.06 ⁴	\$36.11 ⁴	\$82.95 ³	\$186.12
Total to Date	\$12.47	\$159.55	\$92.61	\$192.10	\$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

³BIL Spend Plan Adjustment – Funds moved from MKARNS 12' Channel

⁴FY24 Earmark

Total Project Cost (TPC)	\$355.68M ¹	2023
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 FY23 Updated Certified Cost Estimate (Dec 22)

Fiscal Year Funding Capabilities: add additional years if required

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	TOTAL
\$103.17	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Commentary:

- Updated Certified Cost Estimate Received Dec 2022 (FY23), 2024 update in process.
- Post Authorization Change Report in progress, scheduled completion Jul 2024
- Total Project First Costs BCR 2.2, Remaining Costs BCR 4.7 (Mar 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.
 - Updated Certified Cost Estimate (Dec 22) indicates total project cost exceeds 902 limit.
 - Post Authorization Change Report and updated Certified Cost in progress, Change Control Board approved.
- Protest of Phase 1 Contract Award delayed project 5 months
 - Lost a dry season.
 - Protest may have schedule and cost impacts on Phase 1 Contract; however, current contractor performance indicates this will not occur.
- Challenging Site Conditions
 - Flooding could impact construction.



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THANK YOU

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