

CHICKAMAUGA LOCK

INLAND WATERWAYS INDUSTRY DAY MEETING

Mr. Adam Walker, P.E., PMP
Project Manager
Nashville District
U.S. Army Corps of Engineers
15 December 2021

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

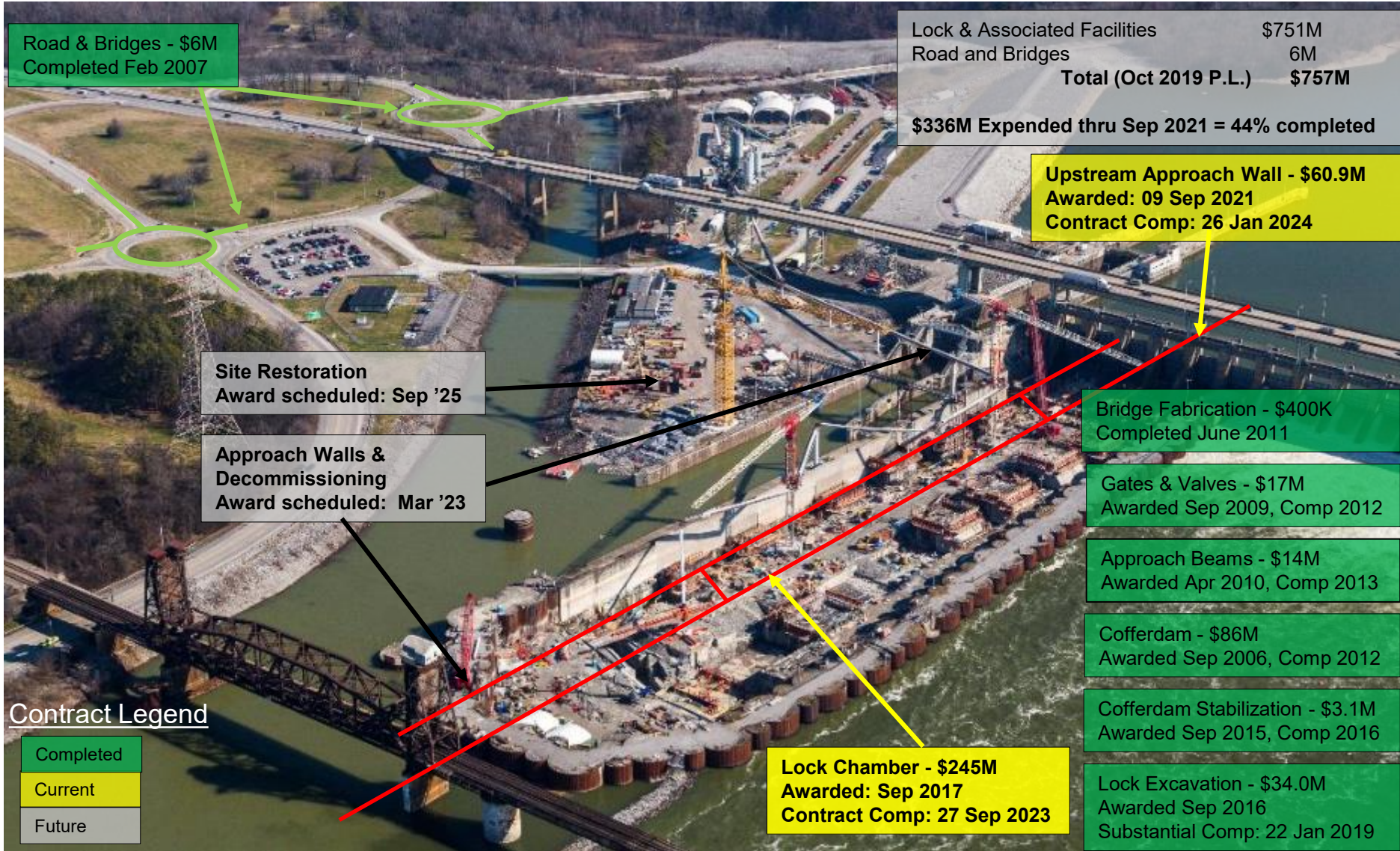


US Army Corps
of Engineers®





PROJECT OVERVIEW - CONTRACTS



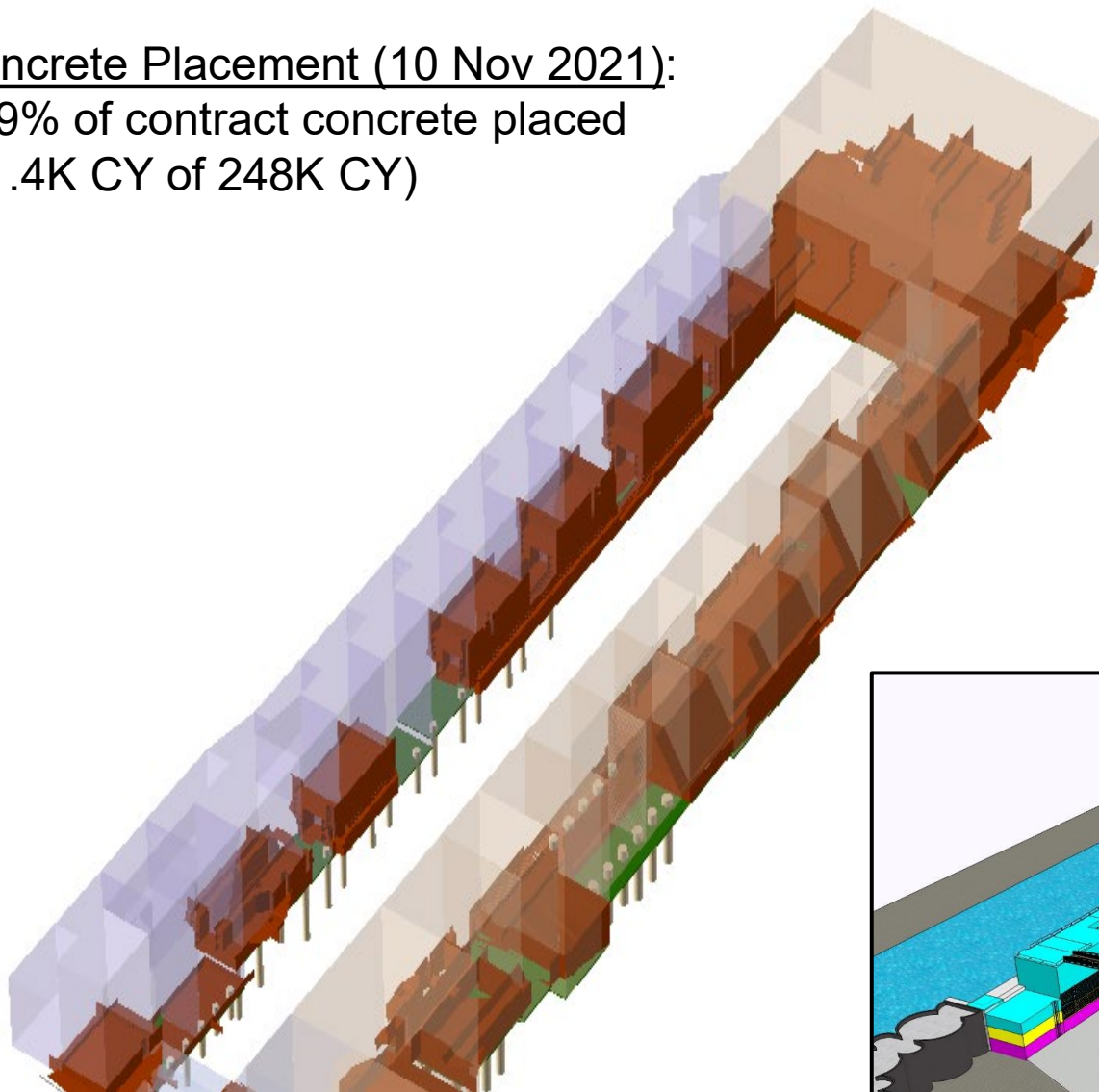


SCHEDULE- WORK DONE IN FY21

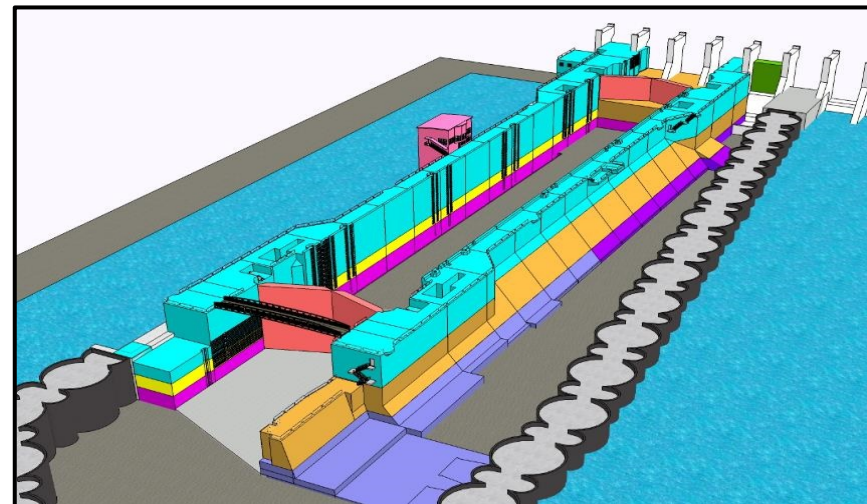
LOCK CHAMBER CONTRACT



Concrete Placement (10 Nov 2021):
~29% of contract concrete placed
(71.4K CY of 248K CY)

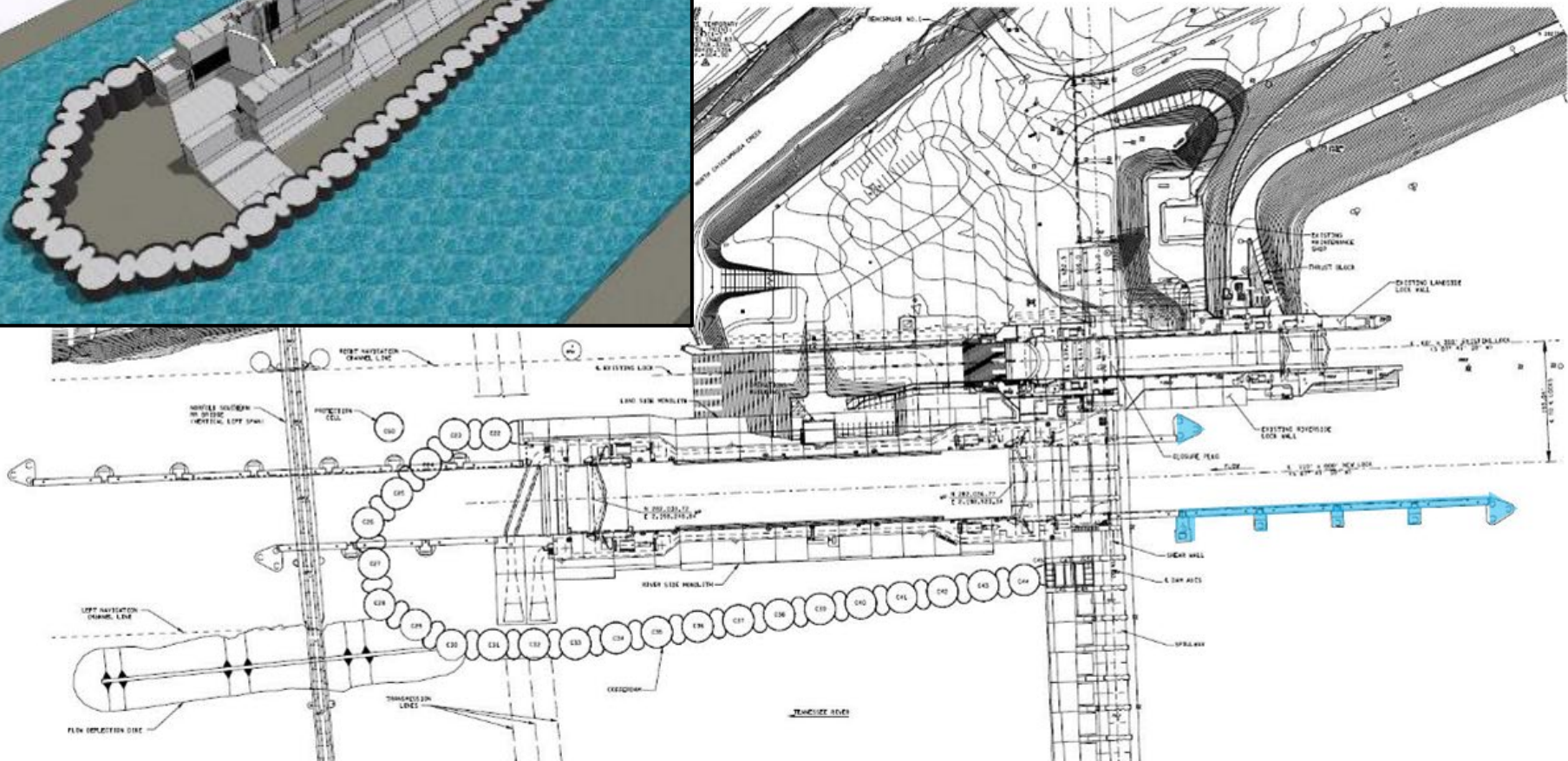
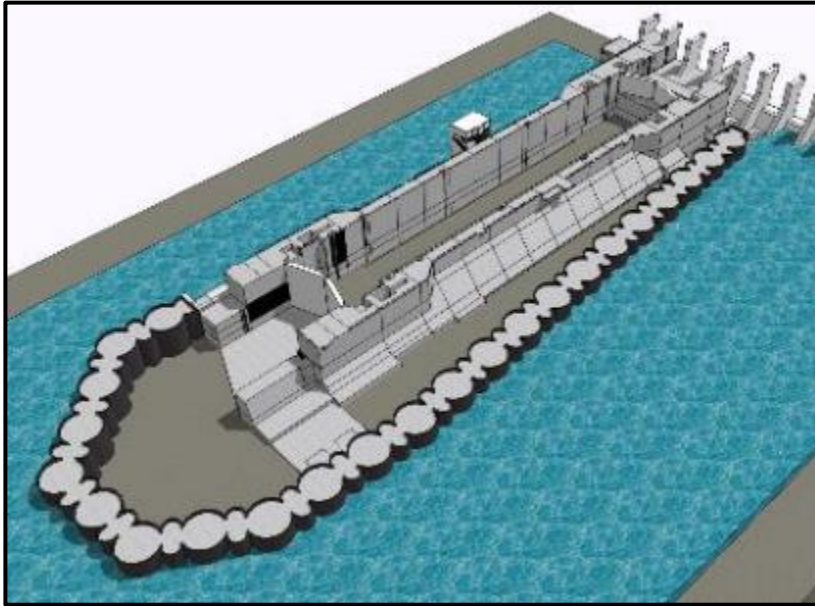


3D Model as of 25 Oct 2021



UPSTREAM APPROACH WALL CONTRACT

- Pier Construction
- Beam Installation





COST/FUNDING OVERVIEW

CHICKAMAUGA LOCK & DAM, TENNESSEE RIVER, TN



	ARRA	CG	IWTF	Total
Total Project Cost (TPC):				\$756,880,000 ¹
Allocations through FY2016:	\$49,307,619	\$84,691,511	\$84,689,500	\$218,688,630
FY17 Allocation:	NA	\$20,000,000	\$20,000,000	\$40,000,000
FY18 Allocation:	NA	\$38,250,000	\$38,250,000	\$76,500,000
FY19 Allocation:	NA	\$76,245,000	\$13,455,000	\$89,700,000
FY20 Allocation:	NA	\$66,105,000	\$35,595,000	\$101,700,000
FY21 Allocation:	NA	\$124,150,000	\$66,850,000	\$191,000,000
Total Allocations to Date:	\$49,307,619	\$409,441,511	\$258,839,500	\$717,588,630
Remaining TPC Balance:				\$39,291,370
Remaining Balance Change From Last Meeting				0

Note: ¹Project cost data is reflective of Jun 2020 certified cost at an Oct 2019 price level, Fully Funded, Nov 2025 earliest completion

Efficient Funding Profile:

	FY 2021	FY 2022	FY 2023	FY 2024	FY2025	Total
Jan 2021	\$191.0M	\$39.3M	\$0M	\$0M	\$0M	\$230.3M ¹

Note: ¹Efficient Funding Profile unchanged from last meeting and reflects the 2020 Total Project Cost with 80% confidence level contingencies. An updated/certified TPCS will be completed by June 2022.



CHICKAMAUGA LOCK SUMMARY AND CHALLENGES



Summary:

- **Lock Chamber** is approximately 39% complete.
 - Concrete placement rates are slower than anticipated.
 - Government response to Global REA anticipated by 31 Jan 2022
- **Upstream Approach Walls** was awarded 09 Sep 2021.
 - Initial Notice To Proceed (submittals) was issued on 19 Oct 2021.
 - Second Notice To Proceed (mobilization) anticipated 22 Feb 2022.
 - Partnering meeting anticipated for Feb 2022.

Challenges:

Lock online date is at risk due to Lock Chamber contract delays: Corps working to mitigate with award of the upstream Approach Walls contract, allowing other onsite work to progress.

High water elevations/flows could impact water-based operations in upstream area and/or overtop cofferdam in downstream area.



THANK YOU

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