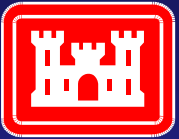


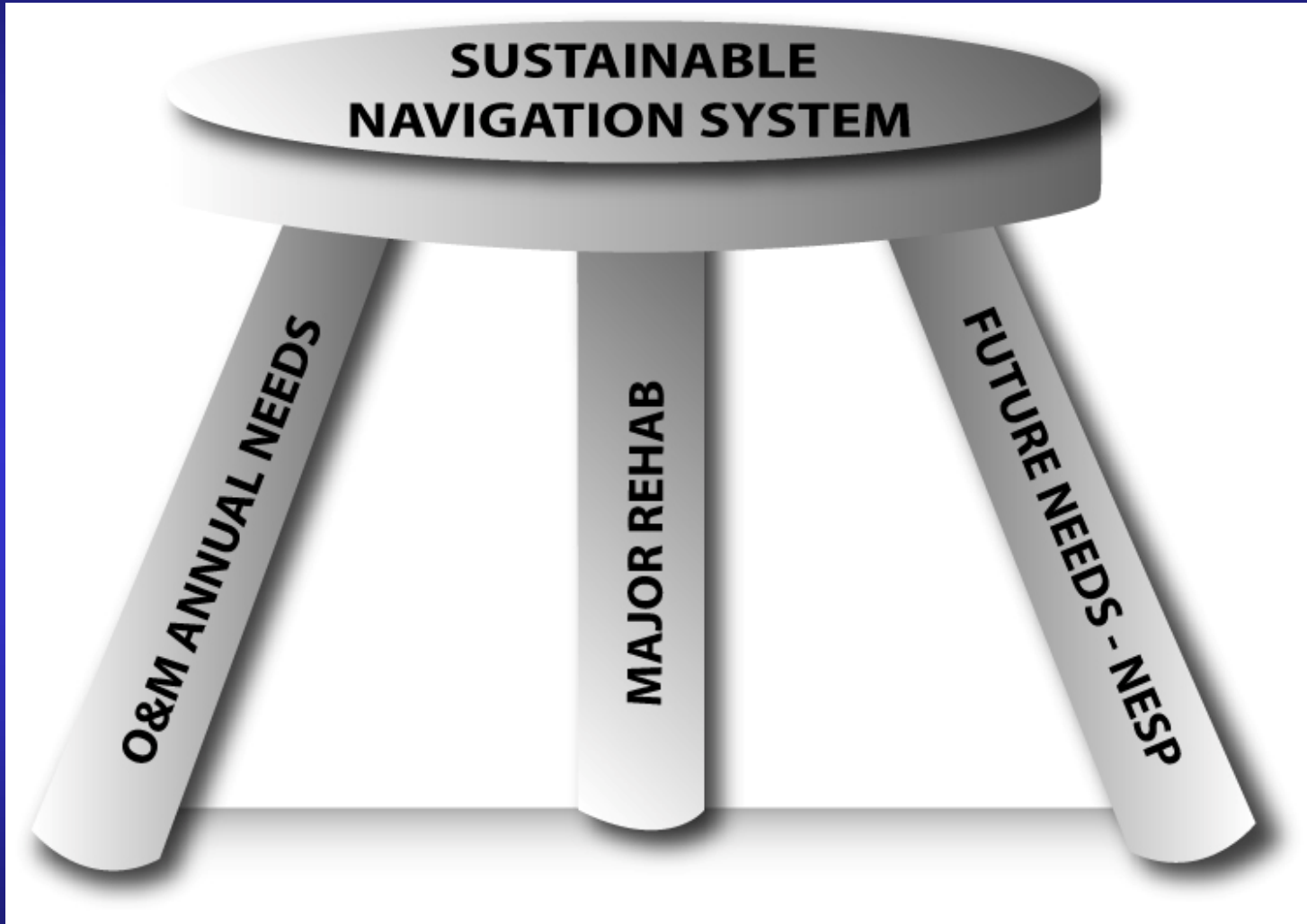
Upper Mississippi River System Navigation & Ecosystem Sustainability Program (NESP)



*To seek long-term sustainability of the
economic uses and ecological integrity of the
Upper Mississippi River System*



1200 Mile Nav System

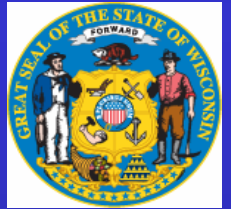
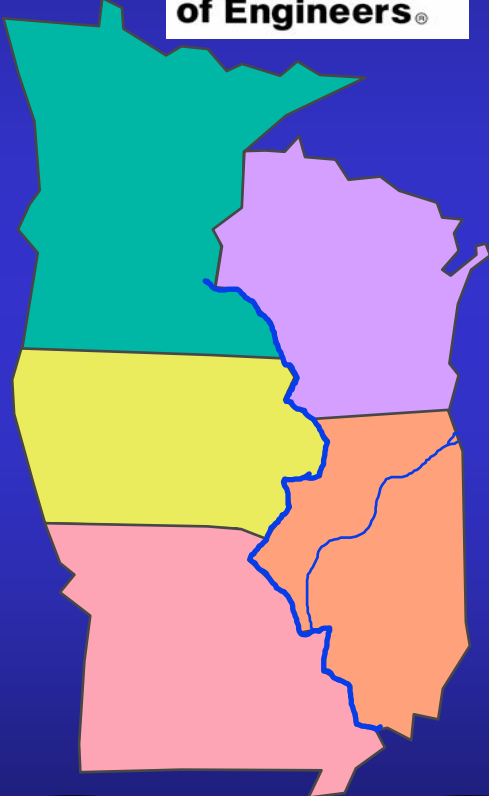


SAFE-RELIABLE-EFFICIENT-SUSTAINABLE

One Team: Relevant, Ready, Responsive and Reliable



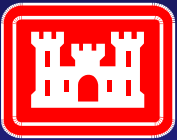
COLLABORATION



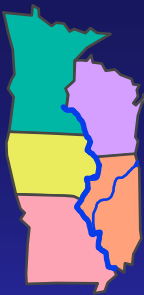
PUBLIC

NGO's

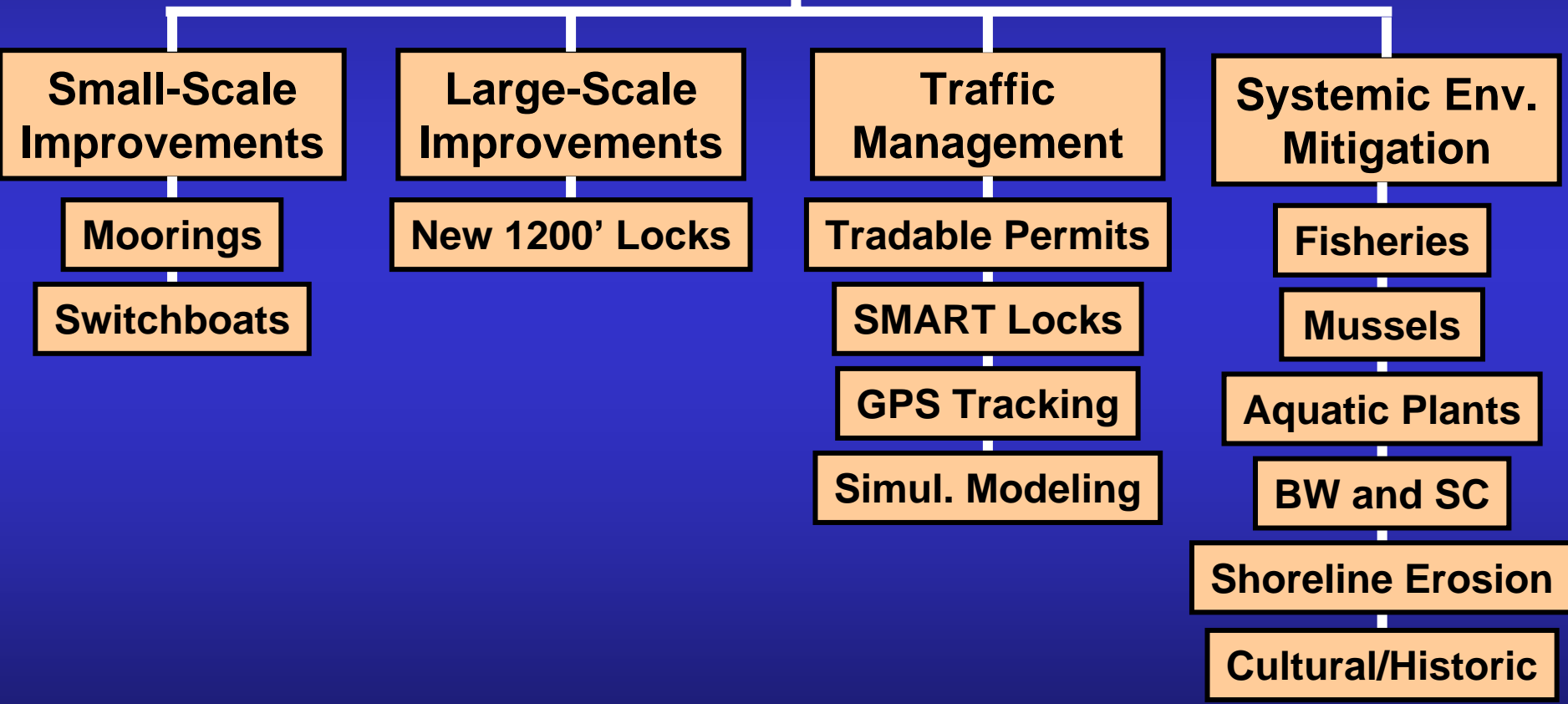
One Team: Relevant, Ready, Responsive and Reliable

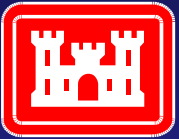


NESP Navigation Efficiency Projects



Navigation Efficiency Projects





First Increment

Navigation = \$2.21 billion (50/50 Cost Share)
(All Cost estimates, cost indexed to Oct 2006 values)



- Small scale structural and non-structural measures (**\$256M**)
 - Mooring facilities @ Locks 12, **14**, 18, 20, 22, **24** and **LaGrange**
 - Switchboats @ Locks 20 through 25
 - Develop and test - appointment scheduling system.
- New 1200' locks at Locks 20 through 25, LGR, and PEO (**\$1.95B** of which \$235M is for mitigation)
- Implementation will be through an adaptive approach requiring continued evaluation and reporting to the Administration and Congress.

SMALL-SCALE MEASURES



Adjacent Moorings

(4-5 min Avg Savings)

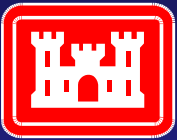
STATUS: LaGrange and L&D 14 Plans and Specs complete, Env. Coord complete, ready to advertise for construction contracts.



Switchboats

(8 min Avg Savings)

STATUS: Ready to proceed with SWB contracting.



UMR-IWW Lock Plan

as of 1 Oct 2007



NEW 1200' Locks First Phase = \$1.95 Billion
(Oct 2006 price levels)

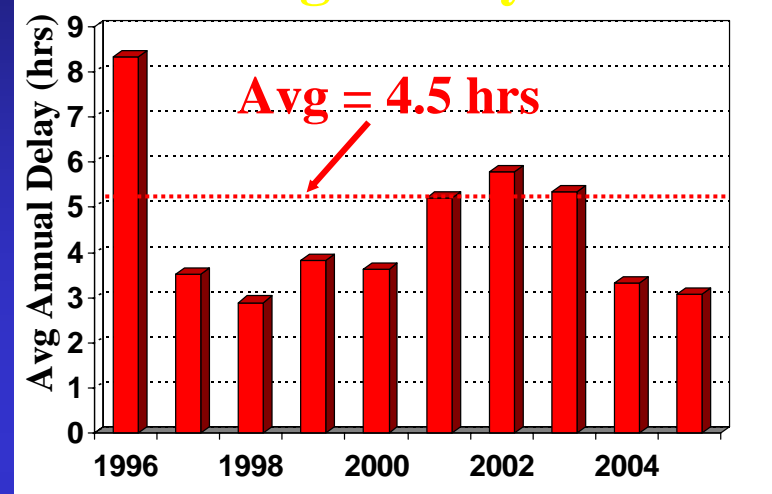
Measures	PED Start	Const. Start	Complete	Cost (\$ Millions)
NEW UMR LOCKS				
Lock 22	2005	2010	2018	232.3
Lock 25	2005	2010	2019	324.4
Lock 24	2010	2014	2022	309.9
Lock 21	2010	2014	2022	322.5
Lock 20	2013	2017	2025	221.4
NEW IWW LOCKS				
LaGrange	2005	2012	2022	261.3
Peoria	2015	2018	2027	262.6



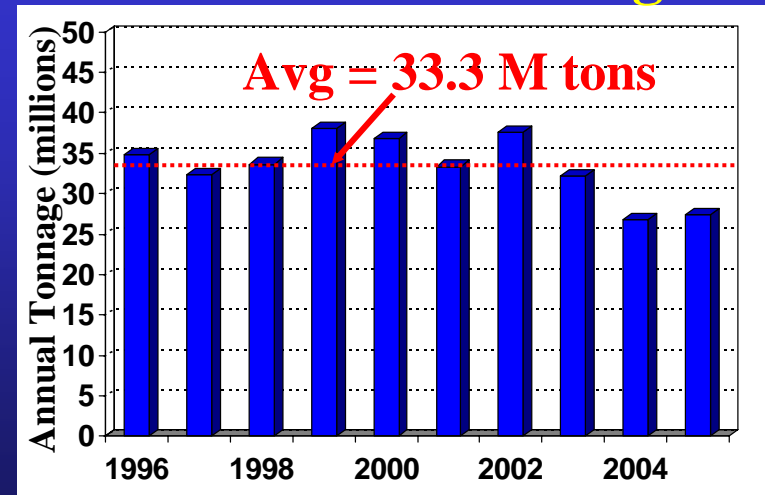
Lock and Dam No. 22



Lockage Delays



Commercial Tonnage

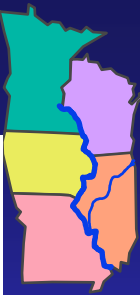


Historical Info

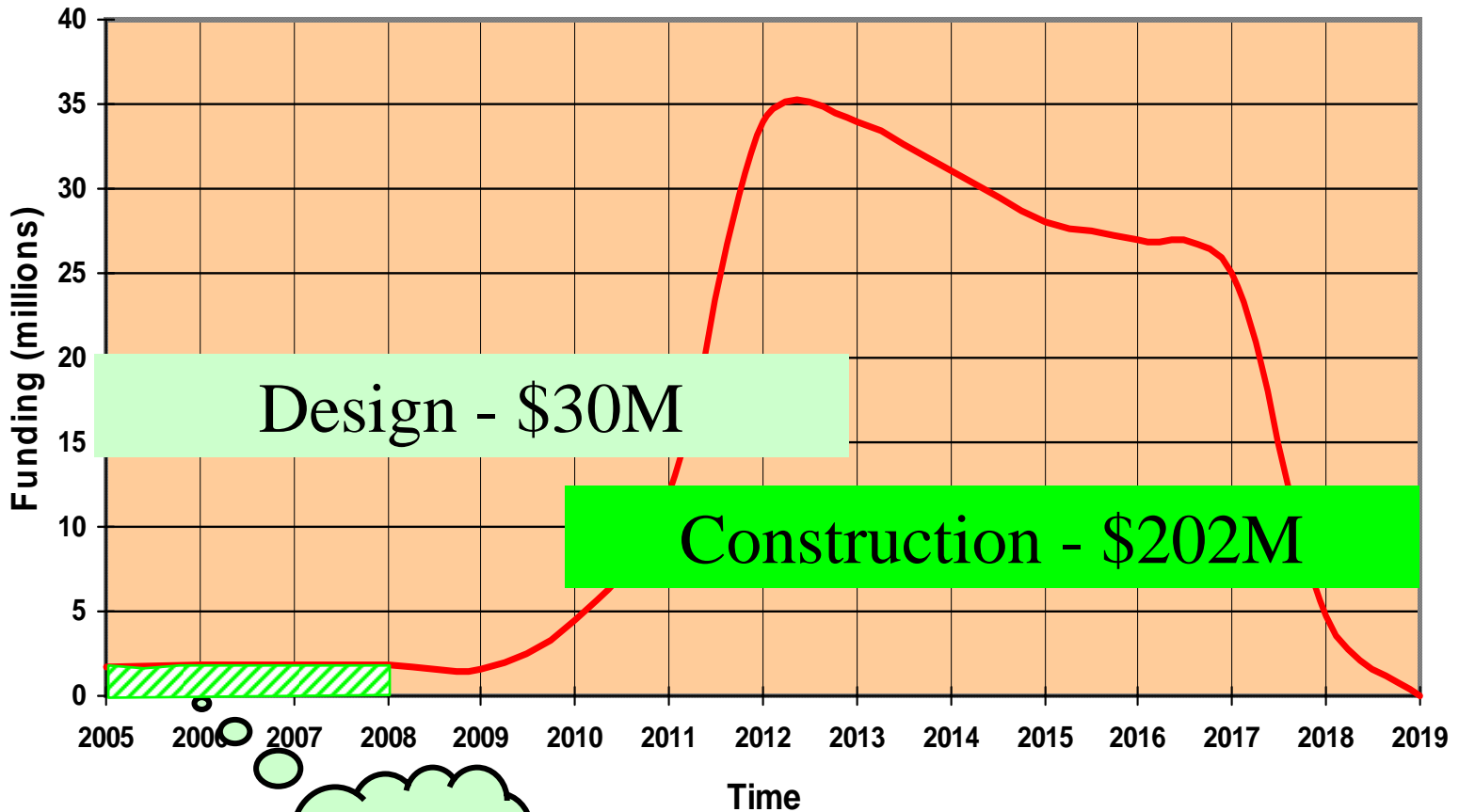
Rivermile:	301.2
Opened:	1936
Last Rehab:	1990
Size:	600' x 110'
Lift:	10 ft

NEW 1200' Lock Info

Est. Cost:	\$232.3M
Start PED:	2005
Start Const:	2010
Complete:	2018



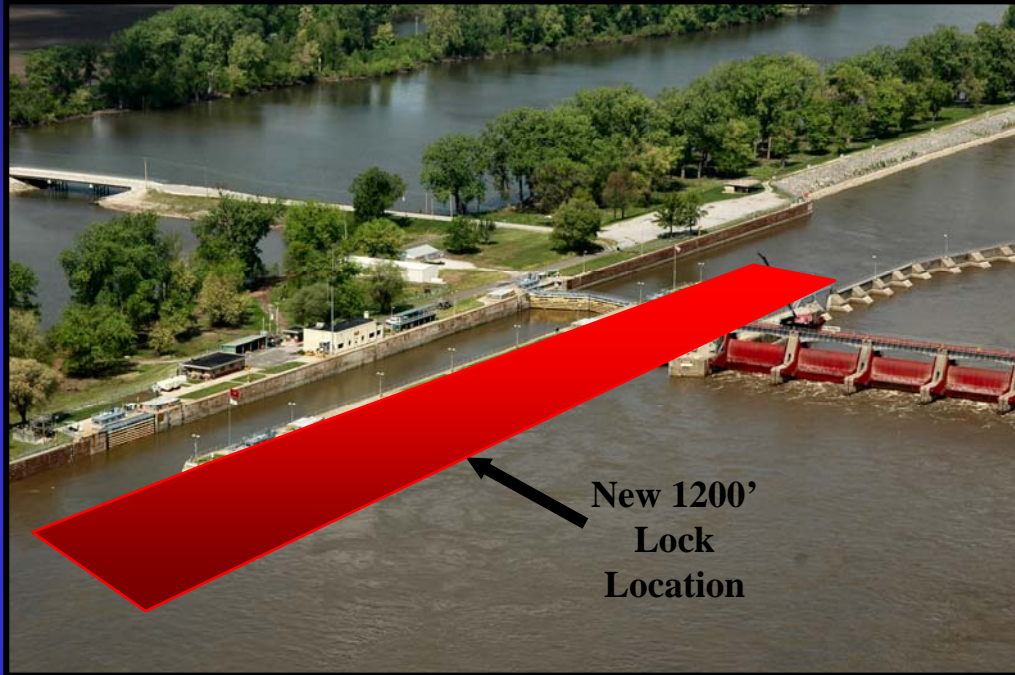
Lock 22 Project Status



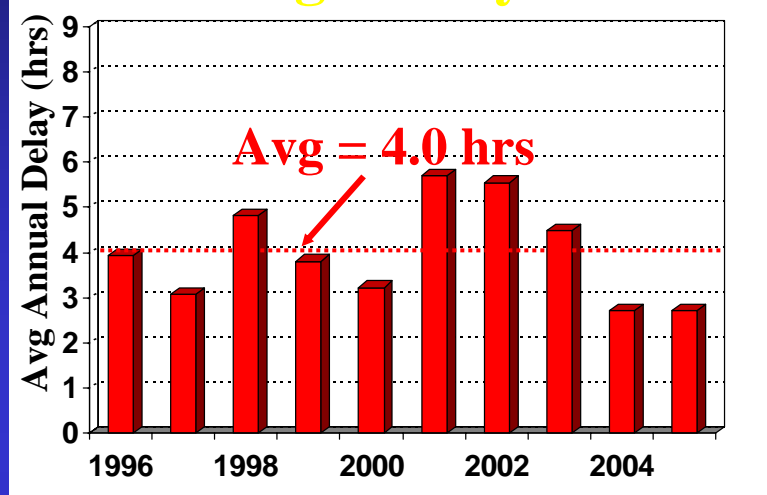
\$5.1M
Spent



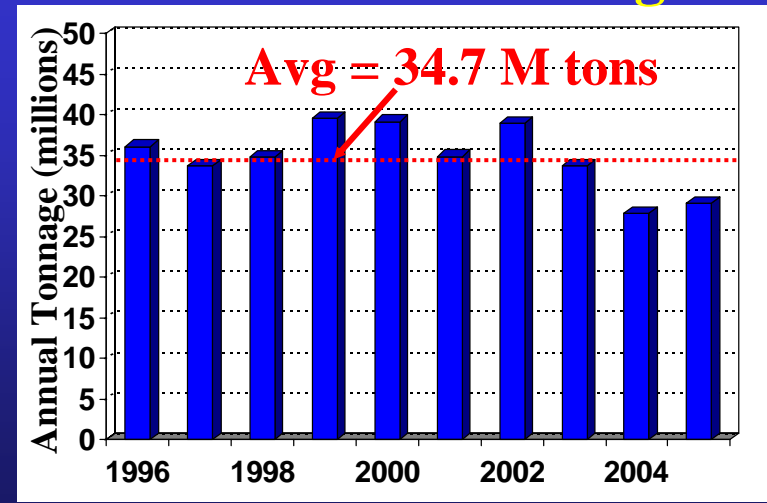
Lock and Dam No. 25



Lockage Delays



Commercial Tonnage

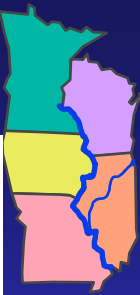


Historical Info

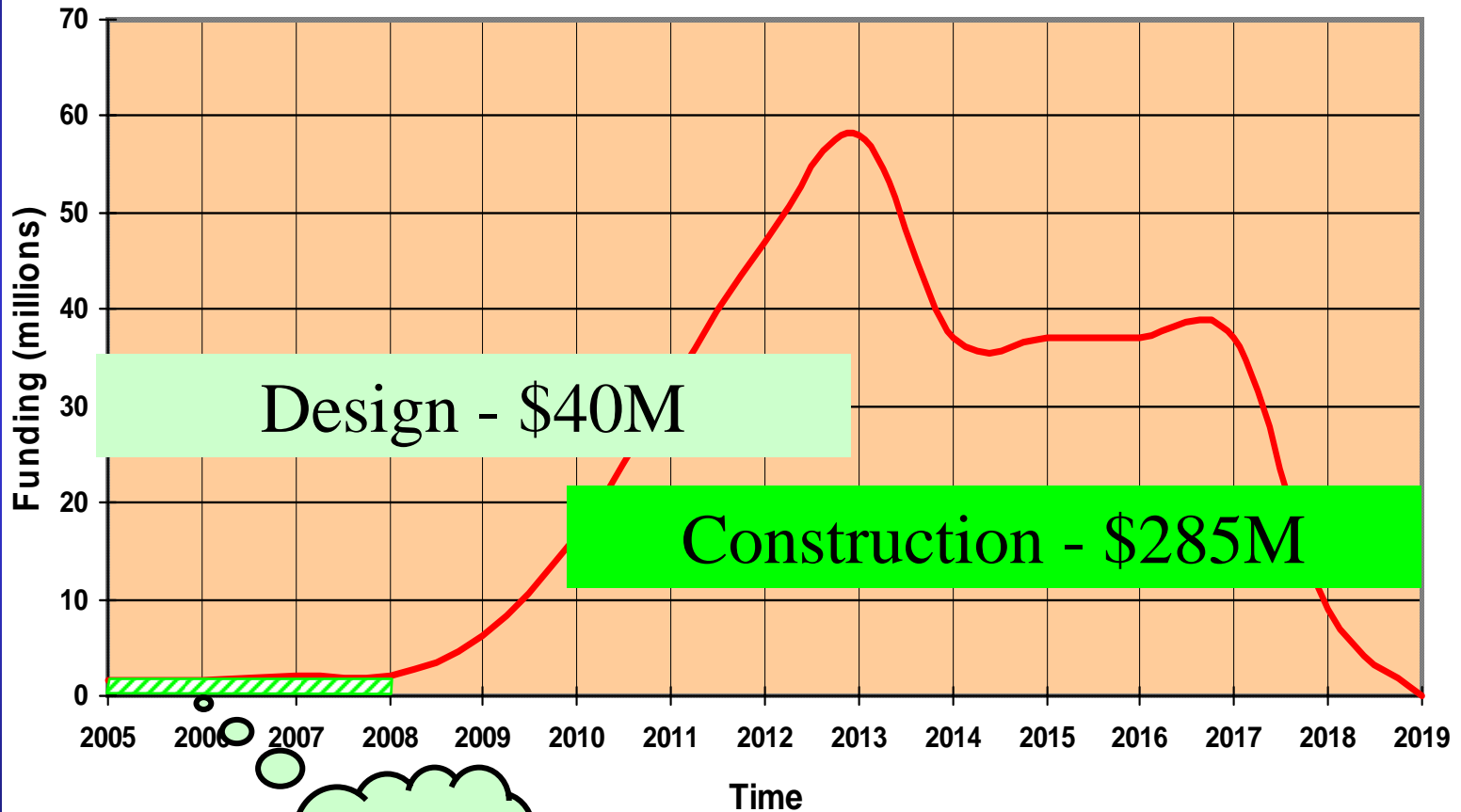
Rivermile:	241.4
Opened:	1939
Last Rehab:	2001
Size:	600' x 110'
Lift:	15 ft

NEW 1200' Lock Info

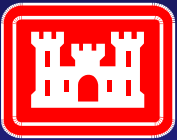
Est. Cost:	\$324.4M
Start PED:	2005
Start Const:	2010
Complete:	2019



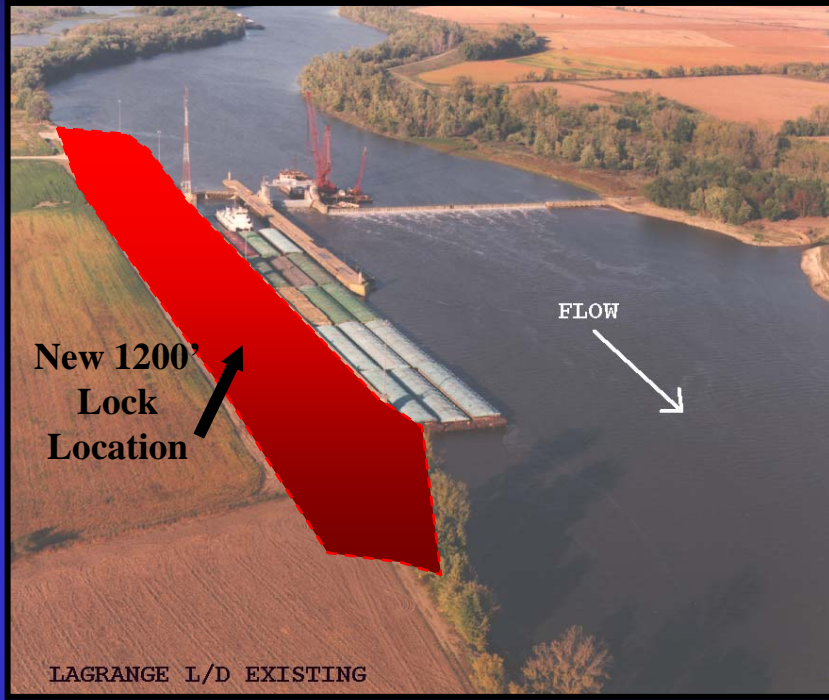
Lock 25 Project Status



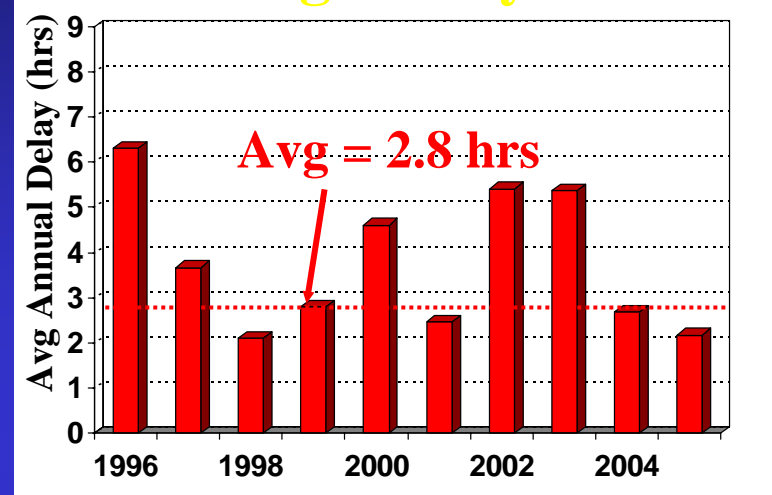
\$5.3M
Spent



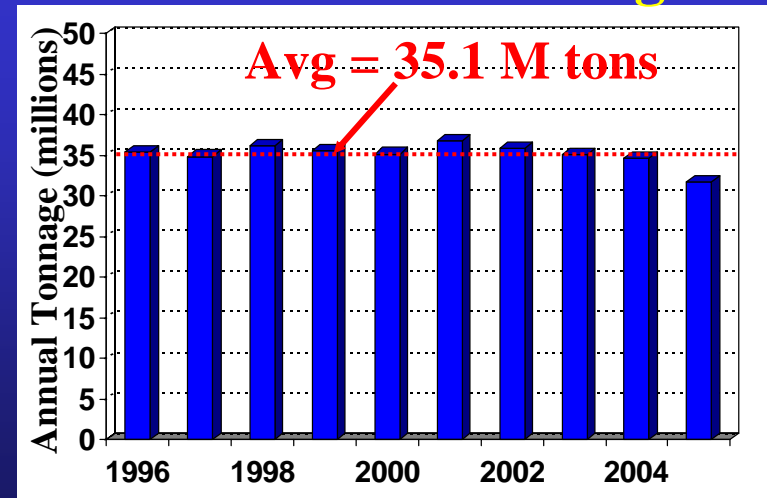
LaGrange Lock and Dam



Lockage Delays



Commercial Tonnage



Historical Info

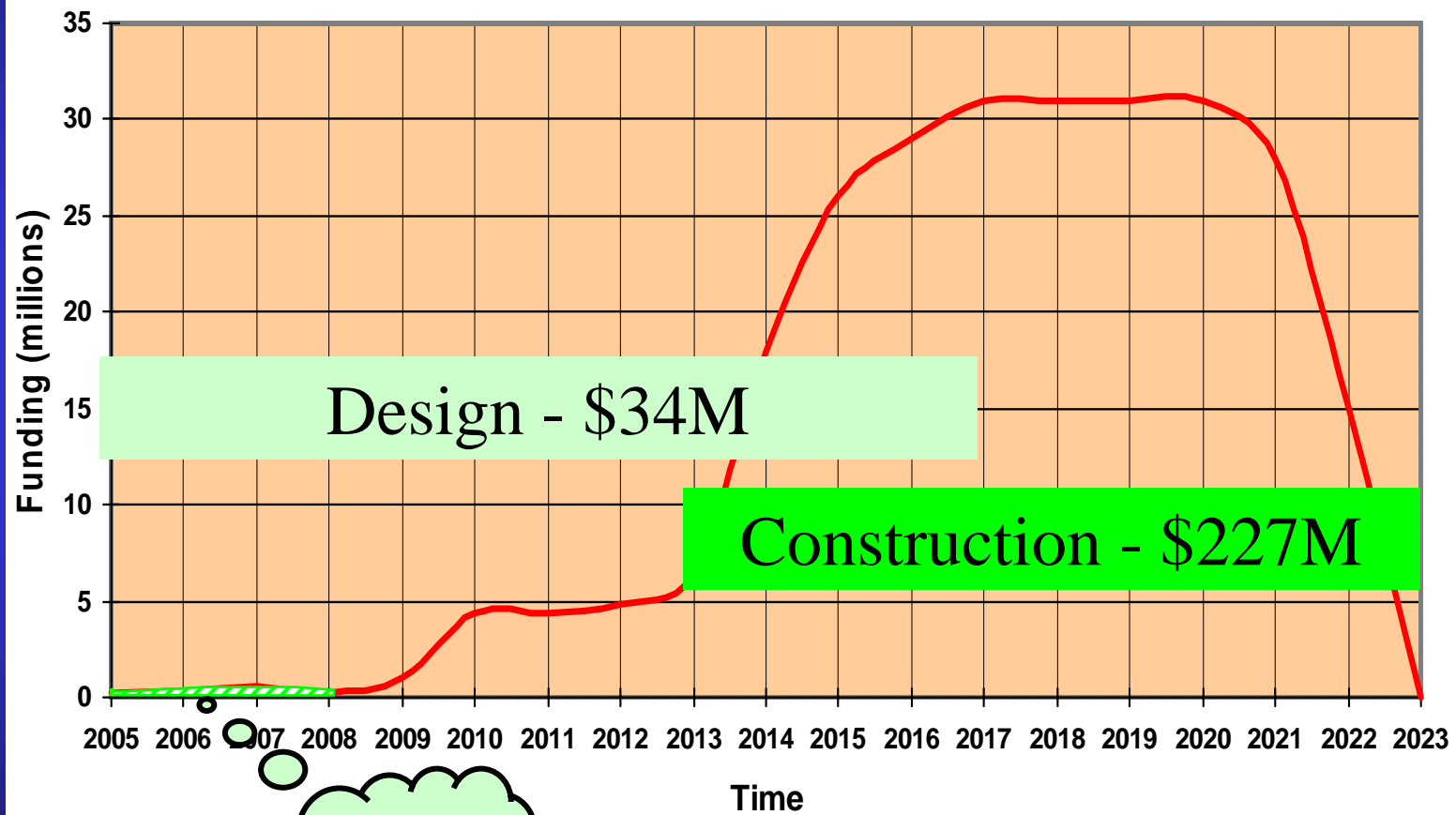
Rivermile:	80.2
Opened:	1939
Last Rehab:	1991
Size:	600' x 110'
Lift:	10 ft

NEW 1200' Lock Info

Est. Cost:	\$261.3M
Start PED:	2005
Start Const:	2013
Complete:	2022

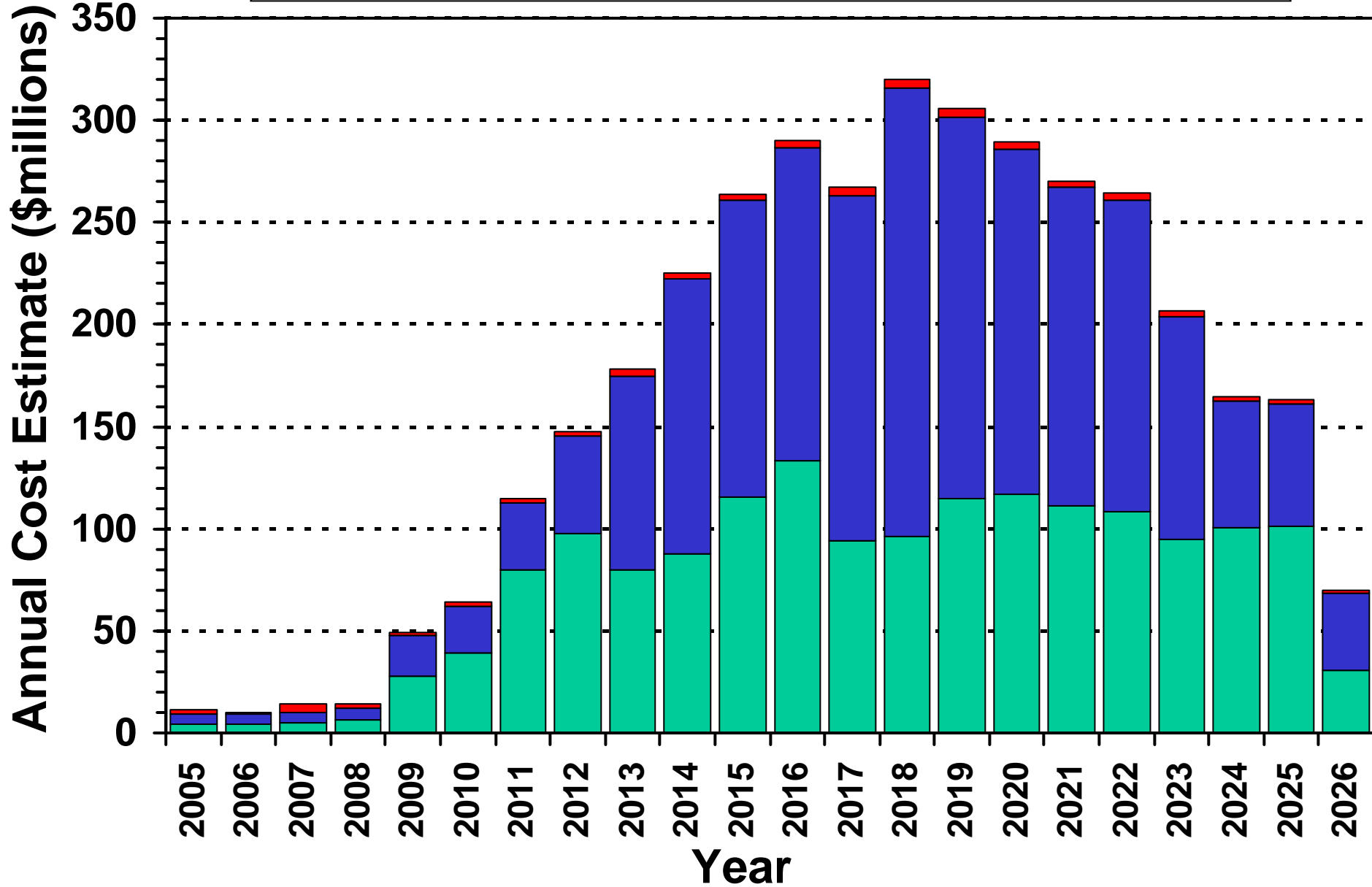


LaGrange Project Status

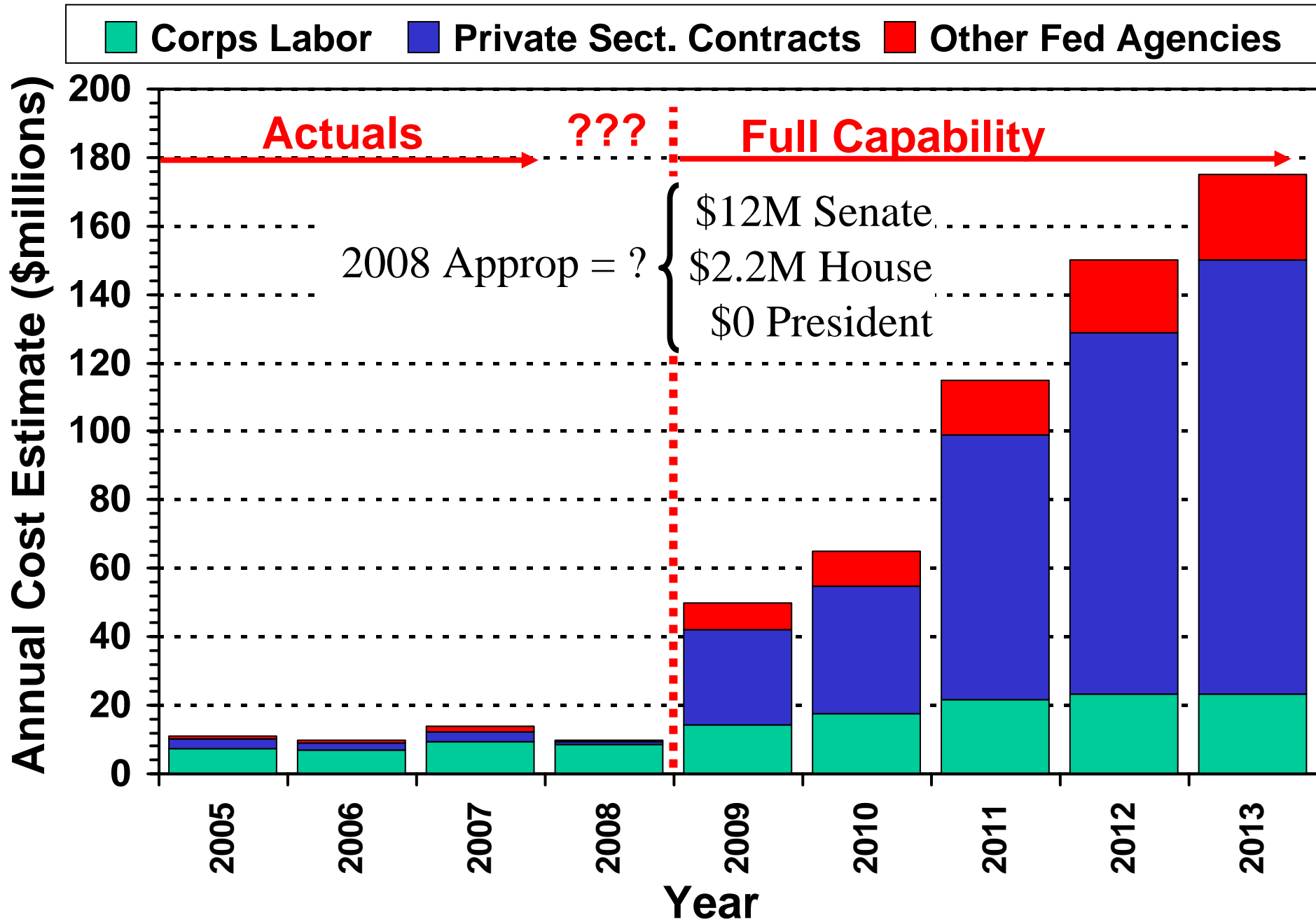


\$1M Spent

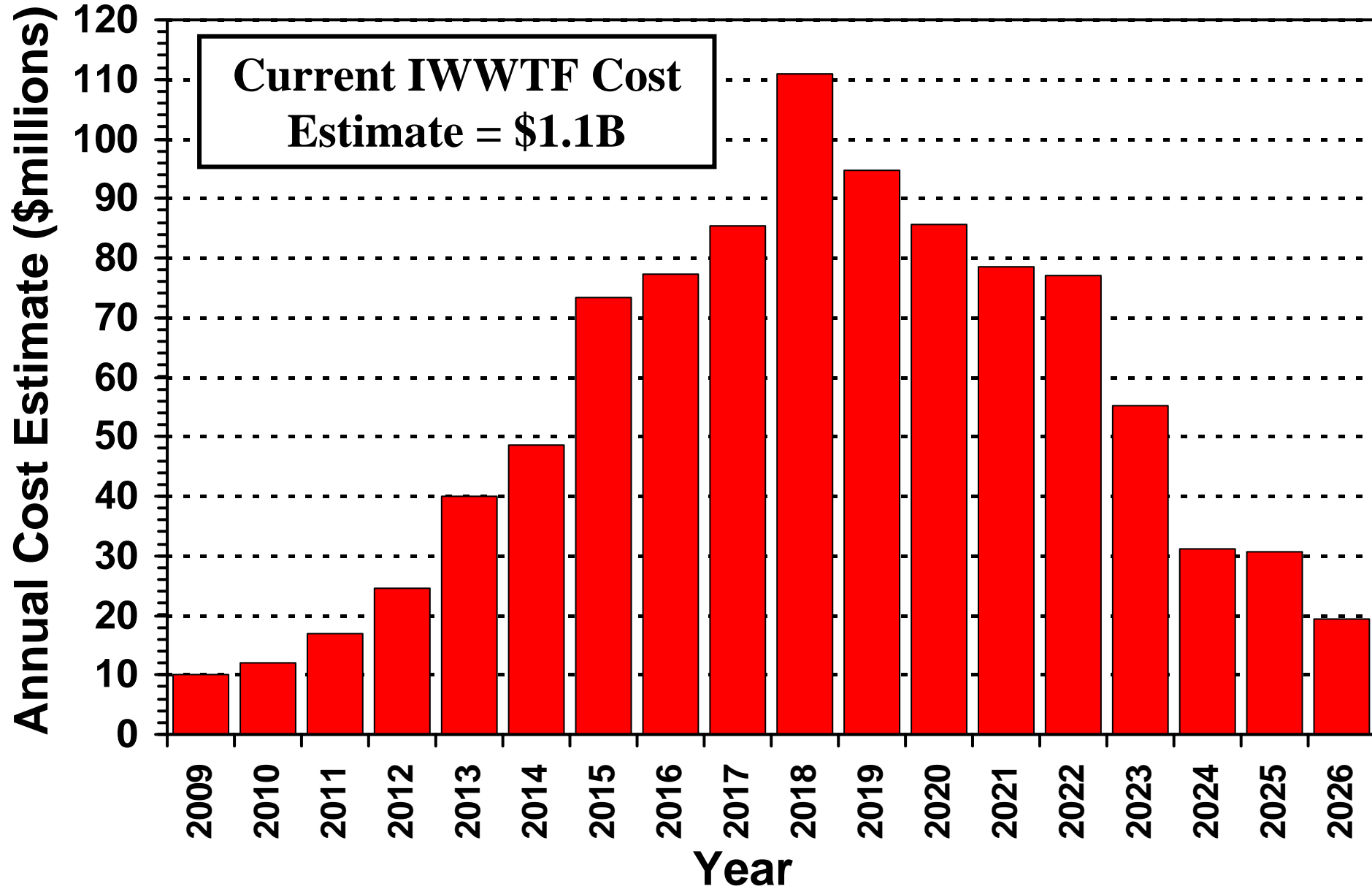
Annual Cost Estimate for NESP 1st Increment

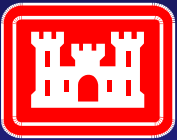


Historic and Expected NESP Budget Allocations

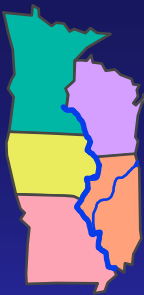


Annual IWWTF Cost Estimates for NESP 1st Increment of Nav Efficiency Improvements





UMRS NAVIGATION & ECOSYSTEM SUSTAINABILITY PROGRAM (NESP)



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UMRS NESP Website

<http://www2.mvr.usace.army.mil/nesp/>