



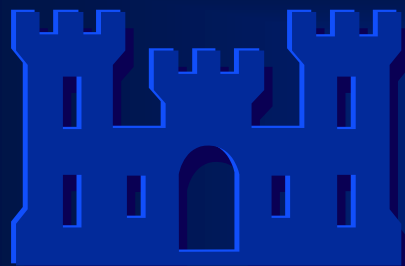
# Kentucky Lock

**Inland Waterways User Board - July 2007**

**Don Getty**

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# Kentucky Lock Addition Artist Rendering





# Total Project Cost Estimate (Fully Funded)

→ Lock & Associated Facilities	\$460.5M
→ TVA Transmission Towers	13M
→ P & L Railroad	94M
→ Hwy 62 and other roadways	97M

**Total** **\$663.5M**

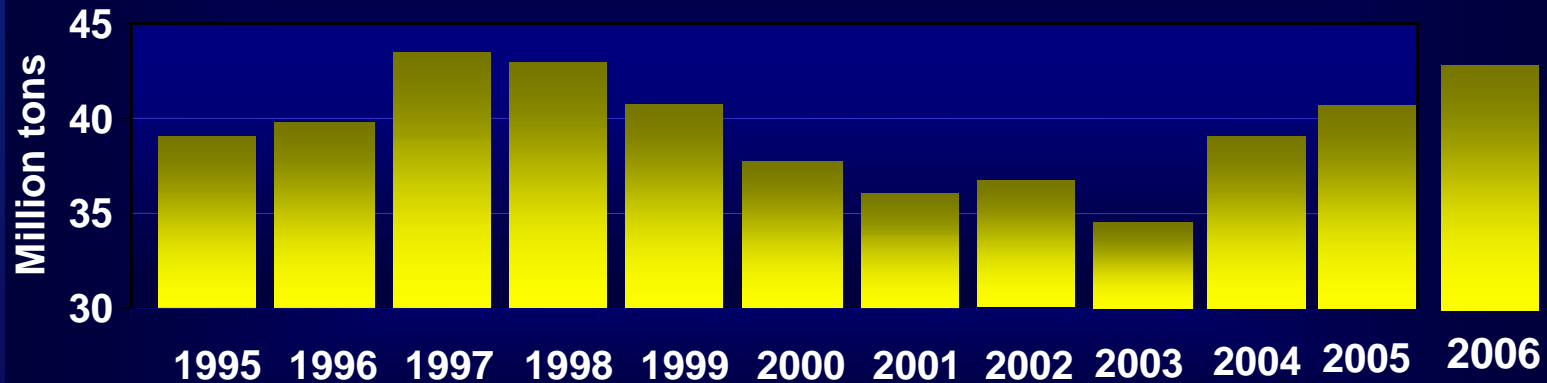
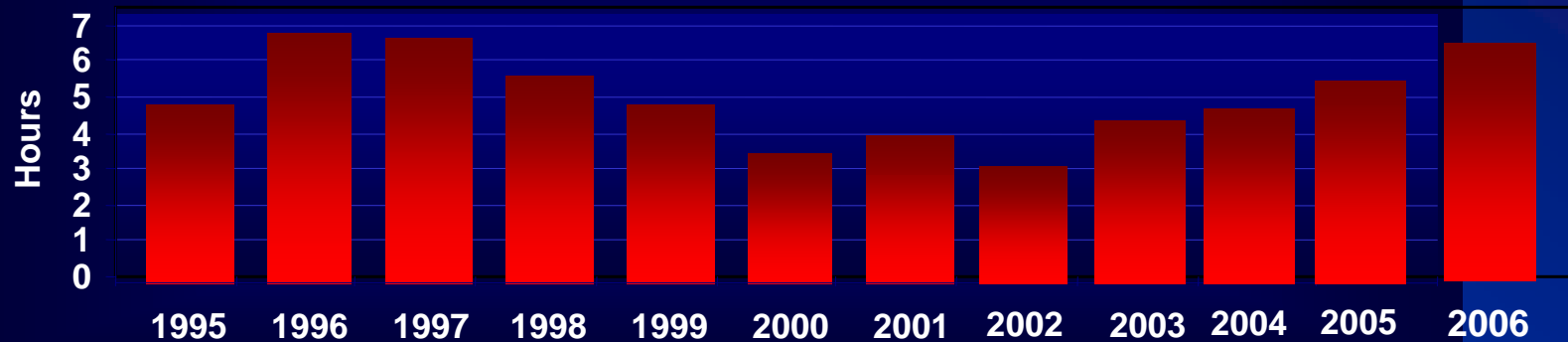
\$206M Expended by end of FY 07 = 31%  
completed

BCR = 2.0 & RBRCR = 3.6 (both @ 7%)



# Kentucky Lock Delays System Tonnage

Avg. Delay





## Products Shipped Thru KY/BAR System in 2006

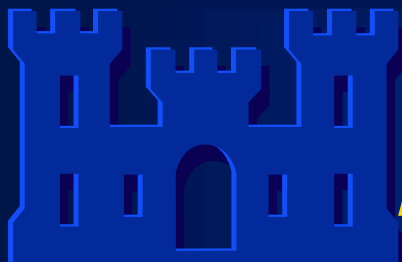
Coal	16.7M T	39%
Crude Materials	16.3M T	38%
Farm Products	2.9M T	7%
Manufactured Goods	3.3M T	8%
Other	3.3M T	8%

**Total** 42.5M T\*

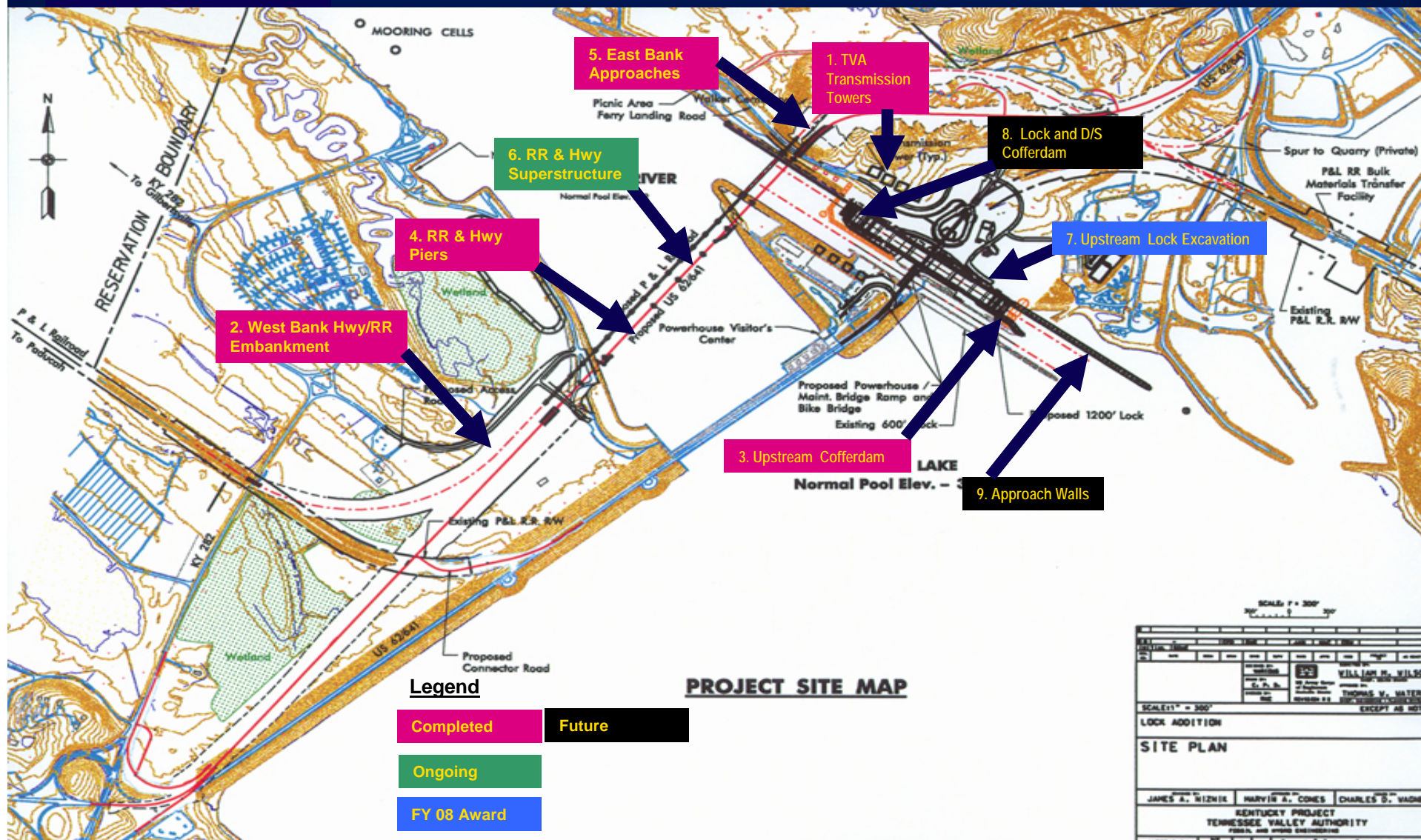
**Total Value** Approx. \$5B

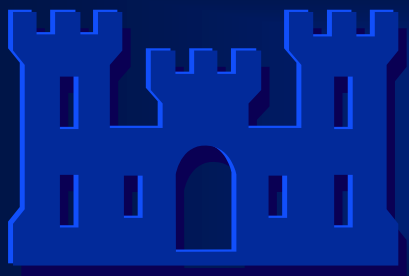
**\*42.5M T equates to 1.7M Semi-trailer loads**





# Kentucky Lock Construction Contracts





# Kentucky Lock Possible Contract Schedule

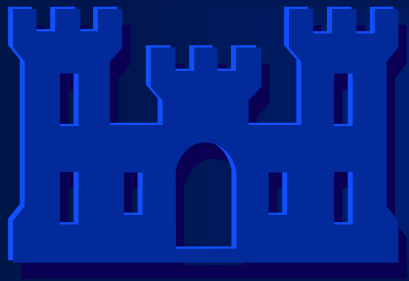






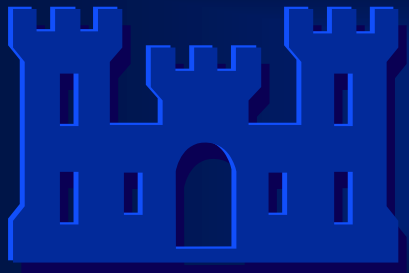
# East Bank Approaches Construction Contract

- Award date: Aug 05
- Current Compl. Date: JUN 07
- Award amount: \$8.0M
- Gov. Estimate: \$7.9M
- Contractor: SRS (8a)
- Status: 99% Complete
- **No Cost Growth**



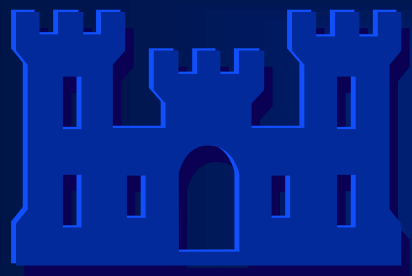
# Superstructure Construction Contract

→ Award date:	Sep 05
→ Expected Compl. Date:	June 2011
→ Award amount:	\$88.6M
→ Gov. Estimate:	\$90.6M
→ Current Amount:	<\$97M
→ Contractor:	American Br.
→ Status:	20%

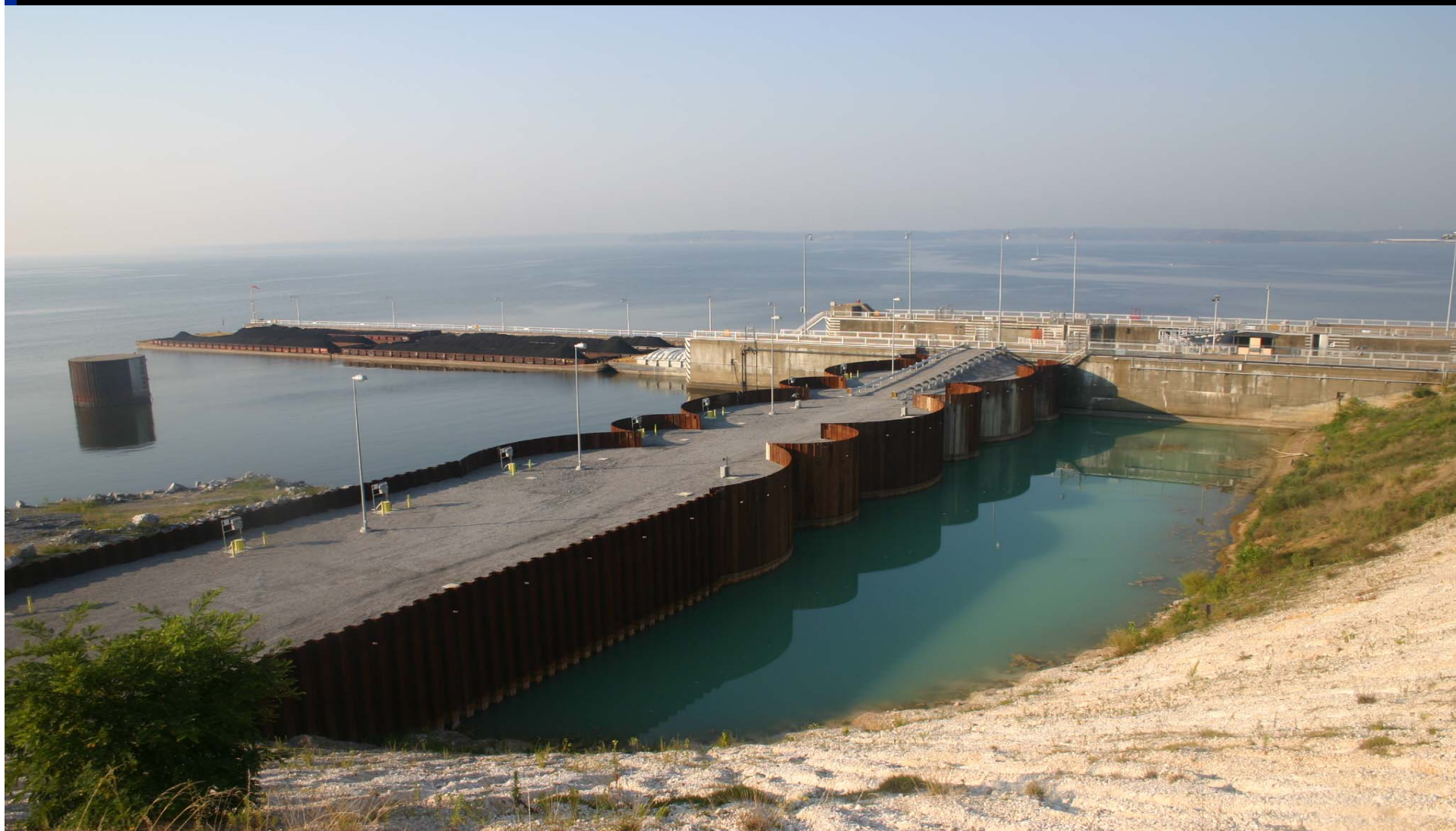


# 11' Deep Hwy Bridge Girders – July 2007

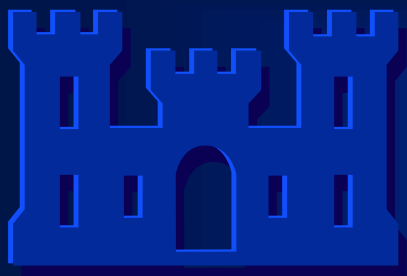




# Completed Upstream Cofferdam – July 2007





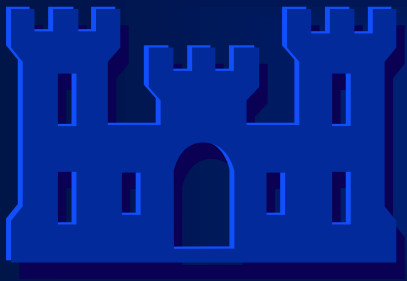


# Kentucky Lock Addition – Recent Funding History

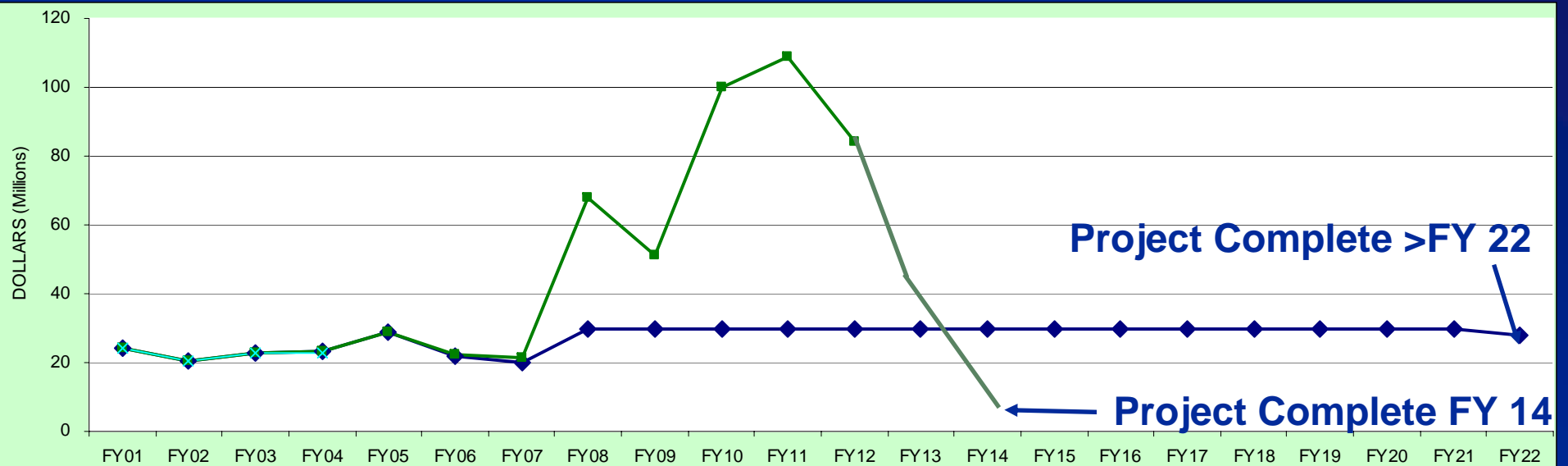
(\$000)

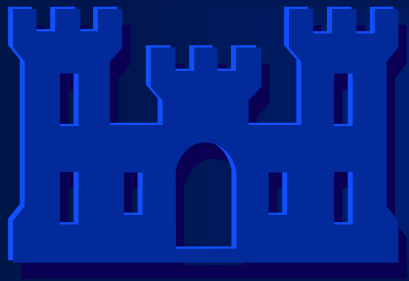
	<u>Budget</u>	<u>House</u>	<u>Senate</u>	<u>Conf</u>	<u>S&amp;S</u>	<u>Reprogram</u>	<u>Avail. Funds</u>
FY01	14,900	19,000	27,700	30,000	-4,858	-1,000	24,142
FY02	14,400	20,400	23,000	22,000	-3,516	+1,200	19,684
FY03	27,400	30,000	31,000	30,000	-5,538	-1,458	23,004
FY04	24,866	24,900	45,000	29,866	-6,784	-500	22,582
FY05	25,000	45,000	NA	32,500	-3,628	-500	28,372
FY06	0	21,750	32,000	23,000	- 230	0	22,770
FY07	0	10,000	20,000	20,143	0	0	20,143
FY 08	52,000	52,000	47,000	?	?	?	





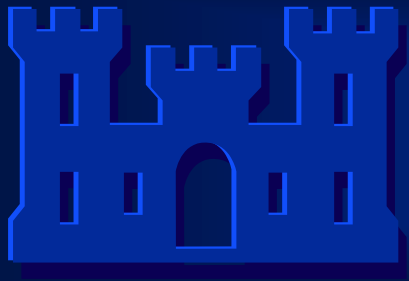
# Project Completion - Efficient and Constrained Funding





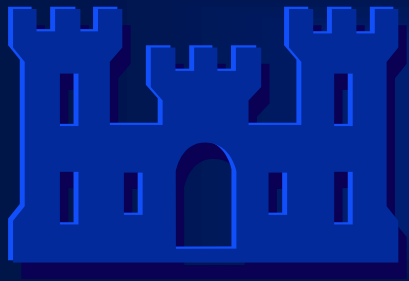
# KY Lock FY 08 Funding

- \$68M – Capability (“full funding” of critical Upstream Lock Excavation Contract)
- \$52M - President’s Budget & House
  - ◆ Can keep project on 2014 completion date – no schedule impacts.
  - ◆ Will increase costs as will create a shortfall for Superstructure Contract; and thus, we will have to pay impact costs.



# KY Lock FY 08 Funding (Cont)

- \$47M - Senate
  - ◆ Will probably have some schedule impacts
  - ◆ Will increase costs as will create a shortfall for Superstructure Contract; and thus, we will have to pay impact costs.



# KY Lock Goals and Issues

## → Goal

- **Complete this project ASAP**
  - ◆ Upstream Lock Excavation awarded ASAP

## → Near-term issue

- **Advertisement and award of Upstream Lock Excavation contract. Ready to advertise in September 2007 with an award by early fall.**
- **Since it is critical path, delaying its award will result in a corresponding delay in the completion of the project.**



# KY Lock

→ Questions?

→ Visit KY Lock Website at:

[www.orn.usace.army.mil/pao/kylock](http://www.orn.usace.army.mil/pao/kylock)