



# Olmsted Locks & Dam Construction Status

Inland Waterways User Board  
Chicago, IL  
18 November 2008



Louisville  
District

***BUILDING STRONG***



# US Army Corps of Engineers



## August 2008 Aerial View



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## Gantry Crane

### Features Include:

**Lifting Capacity- 5,100 tons**

**Clearance Dimensions –  
100-foot vertical and 130-  
foot horizontal**



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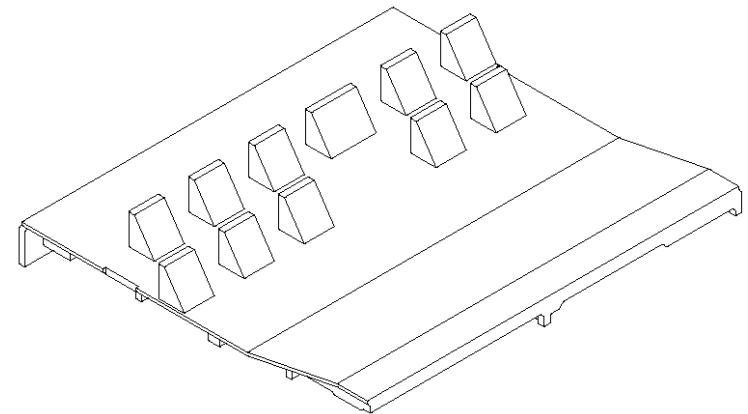
## Lower Marine Skidway



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## Stilling Basin Shell Bearing Wall Erection

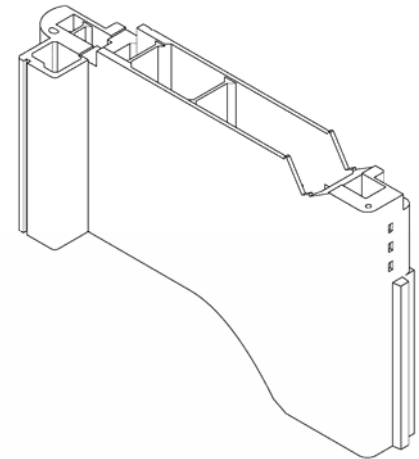


ISOMETRIC VIEW





## Lower Pier Shell Base Support Structure



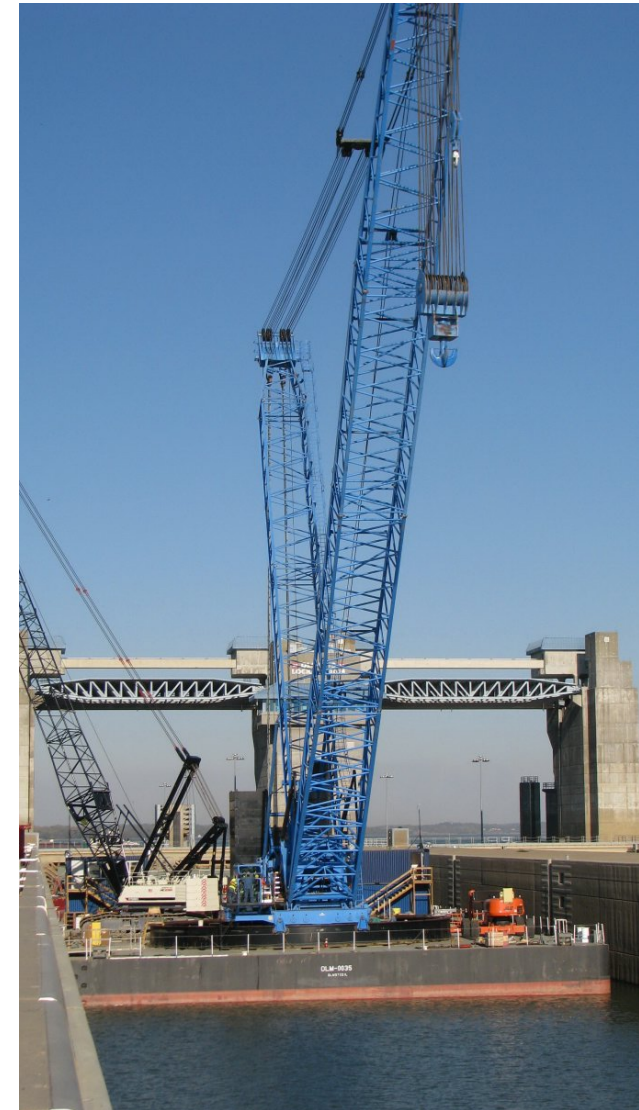
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## Ringer Barge and Crane



**Features Include: A Maniotowoc 60-foot diameter platform ringer crane with 660 ton capacity, 200-foot boom & 1,200,000 lbs of counterweight mounted on a 200-foot by 100-foot by 12-foot deep flat deck barge.**



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## Catamaran Lift Barge



**Features Include: 4500 Ton Capacity, Clear opening of 130', Starboard & Port Barges 90' x 200' x 15', Gantry beam 15' deep and 63' above deck, Design Draft 11', Overall Dimensions 200' by 310'**







## Dam in River Activities



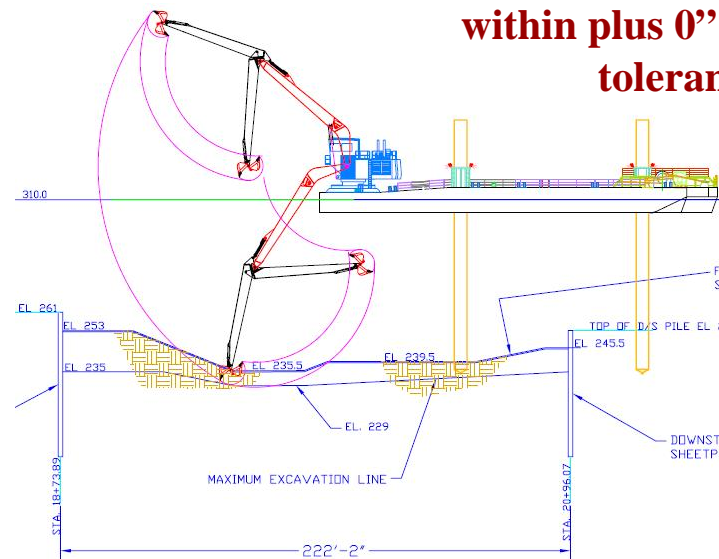
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## Excavator Barge

### Features Include:

**3 Legged Jacking Spuds – Capable of Lifting the barge out of buoyancy to allow the GPS System to be accurately located, which will allow the excavator's electronic system to excavate within plus 0" , minus 6" tolerance.**



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## Filling Grout Mat



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## Dam in River Activities

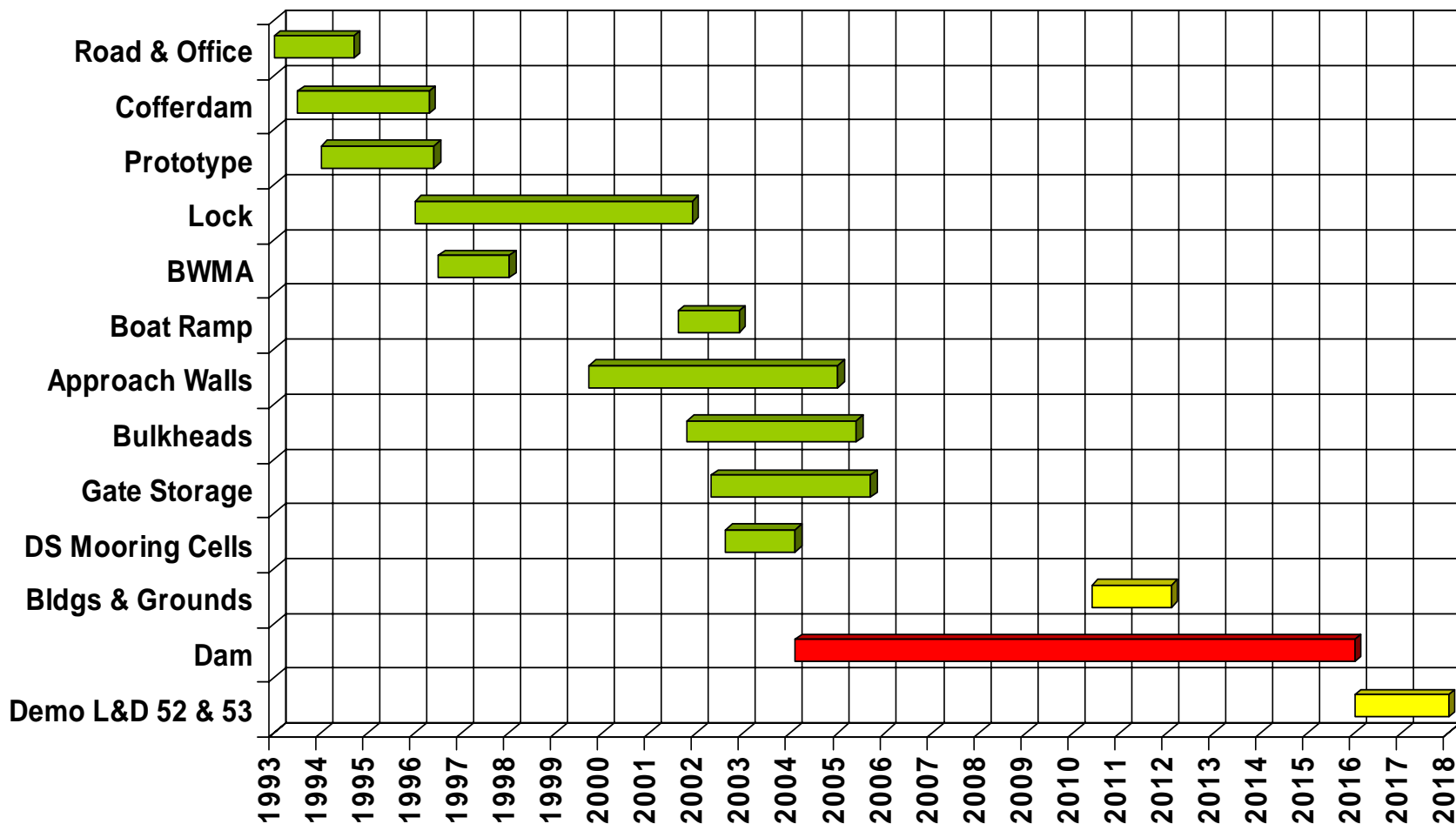


**Olmsted Locks and Dam**  
**Pipe Piles/ Sheet Pile wall**





## Construction Schedule





## Dam Contract Funding

<b>FY- 09</b>	<b>\$12,000,000 (Thru 31 Oct 2008)</b>
<b>FY- 08</b>	<b>\$92,309,809</b>
<b>FY- 07</b>	<b>\$95,000,000</b>
<b>FY- 06</b>	<b>\$78,866,827</b>
<b>FY- 05</b>	<b>\$44,521,000</b>
<b>FY- 04</b>	<b>\$4,050,000</b>

**Total Obligated to Contract = \$326,747,636**

**Most Likely Cost of Dam = \$1,058,700,000**





## US Army Corps of Engineers

### Louisville District

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