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# Upper Ohio River Navigation Study

## EDM



### Montgomery Locks and Dam

- River Mile 31.7
- Constructed 1932 -1936



### Dashiels Locks and Dam

- River Mile 13.3
- Constructed 1927 -1929



### Emsworth Locks and Dams

- River Mile 6.2
- Constructed 1919 -1922

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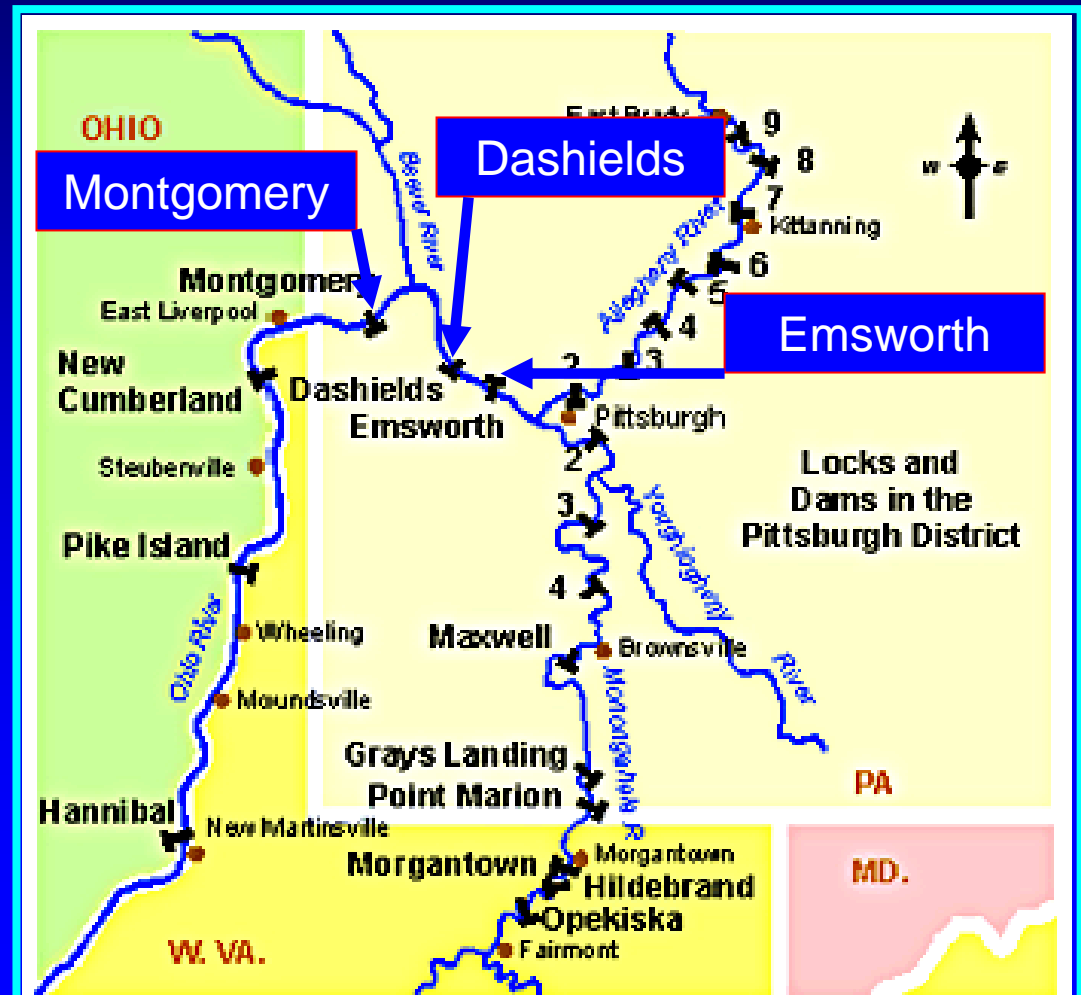


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# Upper Ohio River Navigation Study Project Location

- ◆ Located within 32 miles of the Point in Pittsburgh





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## *Key Points Up Front*

- ◆ Deteriorating condition of EDM locks and dams driving the study!
- ◆ Compelling Reason to Expeditiously Deal with EDM
- ◆ This is an Great Lakes and Ohio River Division regional study – staffed and supported accordingly!
- ◆ Need best strategy for fast track funding and execution!
- ◆ Mission is to Keep River Open



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# *Upper Ohio River Navigation Study Issues*

## **Emsworth Locks and Dams**

### ◆ Condition

- Age: 71 to 85 years old
- Stability
- Concrete





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# *Upper Ohio River Navigation Study Issues*

## ◆ Capacity

- Chamber size:  
56X360 auxiliary  
chambers,  
110X600 ft main  
chambers
- Delays



**Emsworth Locks and Dams**



## *Study Funding*

### ◆ Historical funding

- FY03 - \$800K (add)
- FY04 - \$600K (budget)
- FY05 - \$550K (budget)
- FY06 - \$1,275K (add)
- FY07 - \$2.2M (work allowance)
- \$3.5M expended through FY07

### ◆ FY08

- President's Budget - \$0
- Senate - \$3.0M
- House - \$2.0M
- Optimum Funding - \$4.2M



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# *Upper Ohio River Navigation Study*

## *Study Focus*

- ◆ Actions Most Likely to Sustain Safe and Reliable Navigation on Upper Ohio River in an Environmentally Acceptable Manner
- ◆ Reasonable Alternatives Should only be Carried Forward in Study
- ◆ Two for Three Alternative has been Eliminated from Further Consideration in the Study



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## *Milestone Schedule (Accelerated)*

- ◆ Feasibility Scoping Meeting – Sept. 5, 2007
- ◆ Alternative Formulation Briefing – April 2009
- ◆ Civil Works Review Board – June 2010
- ◆ Chief of Engineer's Report – September 2010





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## *Conclusion*

- ◆ Reinvestment at EDM an urgent priority
- ◆ Prompt completion of Upper Ohio Feasibility Report essential



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