



# Funding for Inland Waterways

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Inland Waterways Users Board

Meeting No. 61

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# FY 09 Legislative Language

- FY 09 Omnibus Act
  - Act prohibits new continuing contracts for IWTF projects until the revenue stream for IWTF is enhanced
- FY 09 Omnibus Report Language
  - Nine projects to be cost shared with IWTF (exempts the Rehab projects and Inner Harbor Nav. Canal Lock).
  - Defer future work on exempt projects until IWTF revenue stream is sufficient to cost share projects
  - FY 10 budget should be based on expected IWTF revenue not projections predicated on legislative fix
- Recovery Act
  - IWTF projects are not subject to cost sharing

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# FY 09 Inland Waterways Funding - Rehabs

\$ in thousands

	NAME	FY09 Conference	ARRA	Total
*	ILLINOIS WATERWAY, LOCKPORT LOCK AND DAM, IL (REPLACEMENT)	27,369	88,861	116,230
*	LOCK AND DAM 27, MISSISSIPPI RIVER, IL (MAJOR REHAB)	2,486	27,700	30,186
*	LOCK AND DAM 3, MISSISSIPPI RIVER, MN (MAJOR REHAB)	957	70,239	71,196
*	LOCK AND DAM 11, MISSISSIPPI RIVER, IA (MAJOR REHAB)	2,632	4,138	6,770
	MARKLAND LOCKS AND DAM, KY & IL (MAJOR REHAB)	10,144	10,135	20,279
	EMSWORTH LOCKS AND DAM, OHIO RIVER, PA	25,800	13,000	38,800
	LOCK & DAM 25, MISSISSIPPI RIVER, MO (MAJOR REHAB)	9,000	3,000	12,000
	TOTAL REHAB	78,388	217,073	295,461

\* = Funded to Completion

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# FY 09 Inland Waterways Funding - Construction

\$ in thousands

	NAME	FY09 Conference	ARRA	Total
*	MCALPINE LOCKS AND DAM, OHIO RIVER, KY & IN	6,270	0	6,270
*	GRAYS LANDING LOCK AND DAM, MONONGAHELA RIVER, PA	600	0	600
*	POINT MARION, LOCK AND DAM 8, MONONGAHELA RIVER, PA & WV	150	0	150
*	MARMET LOCK, KANAWHA RIVER, WV	9,000	0	9,000
*	ROBERT C BYRD LOCKS AND DAM, OHIO RIVER, WV & OH	931	69	1,000
	OLMSTED LOCKS AND DAM, OHIO RIVER, IL & KY	109,094	4,906	114,000
	KENTUCKY LOCK AND DAM, TENNESSEE RIVER, KY	22,330	29,400	51,730
	LOCKS AND DAMS 2, 3 AND 4, MONONGAHELA RIVER, PA	15,900	84,000	99,900
	CHICKAMAUGA LOCK, TENNESSEE RIVER, TN	42,000	57,500	99,500
	INNER HARBOR NAVIGATION CANAL LOCK, LA	957	0	957
	JOHN T. MYERS LOCKS AND DAM, IN & KY	0	8,300	8,300
	TOTAL INLAND WATERWAYS CONSTRUCTION PROJECTS	207,232	184,175	391,407

\* = Funded to Completion

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# FY 09 Inland Waterways Funding – Total Rehab & Construction

\$ in thousands

NAME	FY09 Conference	ARRA	Total
TOTAL REHAB PROJECTS	78,388	217,073	295,461
TOTAL INLAND WATERWAYS CONSTRUCTION PROJECTS	207,232	184,175	391,407
<b>TOTAL INLAND WATERWAYS PROJECTS FUNDING</b>	<b>285,620</b>	<b>401,248</b>	<b>686,868</b>

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# FY 10 Legislative Language

- **FY 10 Senate Bill & Report**

- Prohibits new continuing contracts for IWTF projects until the revenue stream for IWTF is enhanced
- Supports cost sharing major rehabs with IWTF
- FY 11 budget should be based on expected IWTF revenue not projections predicated on legislative fix
- States solution to trust fund problem must be developed with users, the Corps and authorizing Committees

- **FY 10 House Bill & Report**

- Most immediate navigation need is addressing insolvency of the IWTF
- Prohibits new continuing contracts for IWTF projects until the revenue stream for IWTF is enhanced

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# FY 10 Inland Waterways Funding - Rehabs

\$ in thousands

	NAME	FY 10 Pres. Bud	FY 10 House	FY 10 Senate
*	ILLINOIS WATERWAY, LOCKPORT LOCK AND DAM, IL (REPLACEMENT)	Complete	Complete	Complete
*	LOCK AND DAM 27, MISSISSIPPI RIVER, IL (MAJOR REHAB)	Complete	Complete	Complete
*	LOCK AND DAM 3, MISSISSIPPI RIVER, MN (MAJOR REHAB)	Complete	Complete	Complete
*	LOCK AND DAM 11, MISSISSIPPI RIVER, IA (MAJOR REHAB)	Complete	Complete	Complete
	MARKLAND LOCKS AND DAM, KY & IL (MAJOR REHAB) <b>100% IWTF</b>	1,000	1,000	1,000
	EMSWORTH LOCKS AND DAM, OHIO RIVER, PA - <b>100% IWTF</b>	25,000	25,000	25,000
	LOCK & DAM 25, MISSISSIPPI RIVER, MO (MAJOR REHAB)	2,500	2,500	2,500
	<b>TOTAL REHAB PROJECTS</b>	<b>28,500</b>	<b>28,500</b>	<b>28,500</b>

\* = Four projects completed w/FY 09 and/or Stimulus funding.

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# FY 10 Inland Waterways Funding - Construction

\$ in thousands

	NAME	FY 10 Pres. Bud	FY 10 House	FY 10 Senate
*	MCALPINE LOCKS AND DAM, OHIO RIVER, KY & IN	Complete	Complete	Complete
*	GRAYS LANDING LOCK AND DAM, MONONGAHELA RIVER, PA	Complete	Complete	Complete
*	POINT MARION, LOCK AND DAM 8, MONONGAHELA RIVER, PA & WV	Complete	Complete	Complete
*	MARMET LOCK, KANAWHA RIVER, WV	Complete	Complete	Complete
*	ROBERT C BYRD LOCKS AND DAM, OHIO RIVER, WV & OH	Complete	Complete	Complete
	OLMSTED LOCKS AND DAM, OHIO RIVER, IL & KY	109,790	109,790	109,790
	KENTUCKY LOCK AND DAM, TENNESSEE RIVER, KY	1,000	1,000	1,000
	LOCKS AND DAMS 2, 3 AND 4, MONONGAHELA RIVER, PA	6,210	6,210	6,210
	CHICKAMAUGA LOCK, TENNESSEE RIVER, TN	1,000	15,000	1,000
	INNER HARBOR NAVIGATION CANAL LOCK, LA	0	0	0
	JOHN T. MYERS LOCKS AND DAM, IN & KY	0	0	0
	<b>TOTAL INLAND WATERWAYS CONSTRUCTION PROJECTS</b>	<b>118,000</b>	<b>132,000</b>	<b>118,000</b>

\* = Five projects completed w/FY 09 and/or Stimulus funding.

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## FY 10 Inland Waterways Funding – Total Rehab & Construction

NAME	FY 10 Pres. Bud	FY 10 House	FY 10 Senate
TOTAL REHAB PROJECTS	28,500	28,500	28,500
TOTAL INLAND WATERWAYS CONSTRUCTION PROJECTS	118,000	132,000	118,000
TOTAL INLAND WATERWAYS PROJECTS	146,500	160,500	146,500

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## ACCOMPLISHMENTS SINCE 2002

PROJECT	ACCOMPLISHMENT
London Lock & Dam, Kanawha River, WV	Completed in FY 04
Lock and Dam 12, Mississippi River, IA (Major Rehab)	Completed in FY 05
Winfield Lock and Dam, Kanawha River, WV	Completed in FY 09
Lock and Dam 19, Mississippi River, IA (Major Rehab)	Complete in FY 09
Marmet Lock, Kanawha River, WV	Complete in FY 09
Robert C. Byrd Locks and Dam, Ohio River, WV & OH	Complete in FY 09
McAlpine Locks and Dam, Ohio River, KY & IN	Complete in FY 09
Grays Landing Lock and Dam, Monongahela River, PA	Complete in FY 09
Port Marion, Lock and Dam 8, Monongahela River, PA	Complete in FY 09
Lock and Dam 3, Mississippi River, MN (Major Rehab)	Complete construction in FY 11 - funded to completion in FY 09.
Lock and Dam 11, Mississippi River, IA (Major Rehab)	Complete construction in FY 11 - funded to completion in FY 09.
Lock and Dam 27, Mississippi River, IL (Major Rehab)	Complete construction in FY 12 - funded to completion in FY 09.
Illinois Waterway, Lockport Lock and Dam, IL (Replacement)	Complete construction in FY 12 - funded to completion in FY 09.
Olmsted Locks and Dams, Ohio River, IL & KY	Twin Locks completed in 2005. Initiate and continue dam construction since 2004.
Emsworth Locks and Dam, Ohio River, PA	Initiate and continue construction of rehab items since 2006
Locks and Dams 2, 3 and 4, Monongahela River, PA & WV	Construct Charleroi L&D since 2002.
Chickamauga Lock, Tennessee River, TN	Initiate and continue Cofferdam construction since 2006.
Kentucky Lock and Dam, Tennessee River, KY	Initiate and continue work on Highway and Bridges since 2002.
Inner Harbor Navigation Canal Lock, LA	Continue demolitions and relocations.

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# Future Program with Current Revenues

**Current Program \$170M/YR - Projects completed with efficient schedule**

Project	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
OLMSTED LOCKS AND DAM, OHIO RIVER, IL & KY	[Yellow bar with arrow from 2010 to 2018]																												
EMSWORTH LOCKS AND DAM, OHIO RIVER, PA (Dam Safety)	[Yellow bar with arrow from 2010 to 2012]																												
MARKLAND LOCKS AND DAM, KY & IN (MAJOR REHAB)	[Yellow bar with arrow from 2010 to 2011]																												
<b>TOTAL Efficient Funding</b>	136	145	136	148	145	134	67	50	28	0.0	0	0	0	0	0	0	0	0	0	0									

**Current Program \$170M/YR - Projects completed with constrained schedule**

LOCKS AND DAMS 2, 3 AND 4 - MONONGAHELA RIVER, PA	[Yellow bar with arrow from 2010 to 2022]																													
INNER HARBOR NAVIGATION CANAL LOCK, LA													[Yellow bar with arrow from 2022 to 2036]																	
KENTUCKY LOCK ADDITION, TN RIVER, KY																														
CHICKAMAUGA LOCK, TN																														
<b>TOTAL Constrained Funding</b>	8	25	33	21	24	34	102	118	140	166	170	167	167	168	169	169	168	168	165	167	72	89	167	169	148	155	126	121	49	
<b>TOTAL Program</b>	144	170	169	169	169	168	169	168	168	166	170	167	167	168	169	169	168	168	165	167	72	89	167	169	148	155	126	121	49	

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# Future Program with Enhanced Revenues

Illustrative Example \$500 M/YR Program - Projects completed with efficient schedule

Project	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
OLMSTED LOCKS AND DAM, OHIO RIVER, IL & KY	█	█	█	█	█	█	█	█	█											
EMSWORTH LOCKS AND DAM, OHIO RIVER, PA (Dam Safety)	█	█	█	█																
LOCKS AND DAMS 2, 3 AND 4 - MONONGAHELA RIVER, PA	█	█	█	█	█	█	█	█	█	█	█	█	█							
MARKLAND LOCKS AND DAM, KY & IN (MAJOR REHAB)	█	█																		
INNER HARBOR NAVIGATION CANAL LOCK, LA		█	█	█	█	█	█	█	█											
MARMET LOCK, KANAWHA RIVER, WV		█	█	█	█															
LOWER MONUMENTAL LOCK AND DAM, WA		█	█	█																
CANNELTON DAM (MAJOR REHAB)			█	█	█	█														
ALLEGHENY 2 & 3 (MAJOR REHAB)			█	█	█															
CANNELTON DAM (MAJOR REHAB)			█	█	█															
KENTUCKY LOCK ADDITION, TN RIVER, KY*	█	█	█	█	█	█	█	█	█	█	█	█	█							
CHICKAMAUGA LOCK, TN*	█	█	█	█	█	█	█	█	█	█	█	█	█							
LOCK AND DAM 25, MISSISSIPPI RIVER, IL & MO*										█	█	█	█	█						
GIWW, BRAZOS RIVER TO PORT O'CONNOR, TX*										█	█	█	█	█						
GREENUP LOCKS AND DAM, OHIO RIVER, KY & OH*										█	█	█	█	█	█					
GIWW SABINE RIVER TO HIGH ISLAND, TX										█	█	█	█	█						
GIWW, HIGH ISLAND TO BRAZOS RIVER, TX*										█	█	█	█	█						
GIWW, MATAGORDA BAY, TX*										█	█	█	█	█						
LAGRANGE LOCK & DAM, IL										█	█	█	█	█						
CALCASIEU LOCK, LA*										█	█	█	█	█						
MONTGOMERY DAM SAFETY PROJECT (MAJOR REHAB)*										█	█	█	█	█	█	█	█	█	█	█
UPPER OHIO NAVIGATION LOCKS & DAMS IMPROVEMENTS, Emsworth PA *										█	█	█	█	█	█	█	█	█	█	█
ILL WW THOMAS O'BRIEN LOCK & DAM*										█	█	█	█	█						
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, AR*										█	█	█	█	█						
GIWW, PORT O'CONNOR TO CORPUS CHRISTI BAY, TX*										█	█	█	█	█						

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<b>TOTAL PROGRAM</b>	144	355	473	497	499	497	491	500	500	460	496	498	495	425	478	427	422	457	492	499
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\* Note – start date has been adjusted to fit within program limits



# Future Program with Enhanced Revenues

Illustrative Example \$500 M/YR Program - Projects completed with efficient schedule		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
<b>Project</b>																						
OLMSTED LOCKS AND DAM, OHIO RIVER, IL & KY																						
EMSWORTH LOCKS AND DAM, OHIO RIVER, PA (Dam Safety)																						
LOCKS AND DAMS 2, 3 AND 4 - MONONGAHELA RIVER, PA																						
MARKLAND LOCKS AND DAM, KY & IN (MAJOR REHAB)																						
INNER HARBOR NAVIGATION CANAL LOCK, LA																						
MARMET LOCK, KANAWHA RIVER, WV																						
LOWER MONUMENTAL LOCK AND DAM, WA																						
CANNELTON DAM (MAJOR REHAB)																						
ALLEGHENY 2 & 3 (MAJOR REHAB)																						
CANNELTON DAM (MAJOR REHAB)																						
KENTUCKY LOCK ADDITION, TN RIVER, KY*																						
CHICKAMAUGA LOCK, TN*																						
GIWW, PORT O'CONNOR TO CORPUS CHRISTI BAY, TX*																						
NEW CUMBERLAND (MAJOR REHAB)*																						
JOHN T. MYERS DAM MAJOR REHAB*																						
SMITHLAND DAM (MAJOR REHAB)																						
UM Mel Price*																						
NEWBURGH MAIN LOCK (MAJOR REHAB)*																						
LD 25 UPPER MISSISSIPPI*																						
LD 22 UPPER MISSISSIPPI*																						
UM LD25*																						
LD 24 UPPER MISSISSIPPI*																						
NEWBURGH DAM (MAJOR REHAB)																						
UM LD24*																						
GREENUP LOCK, OHIO RIVER, KY & OH*																						
MCALPINE DAM (MAJOR REHAB)*																						
GIWW MODIFICATION, TX*																						
UM LD22*																						
UM LD21*																						
LD 21 UPPER MISSISSIPPI *																						
JOHN T. MYERS MAIN LOCK (MAJOR REHAB)*																						
UM LD20*																						
UM LD19*																						
JOHN T. MYERS MAIN LOCK (MAJOR REHAB)*																						
UM LD18*																						
NO. 2 LOCK, AR																						
<b>TOTAL PROGRAM</b>	144	355	473	497	499	497	491	500	500	460	496	498	495	425	478	427	422	457	492	499		

\* Note – start date has been adjusted to fit within program limits