

Inland Waterways Users Board Meeting - No. 68 Paducah, Kentucky

Financial Report & Project Summaries

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USACE Headquarters

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US Army Corps of Engineers
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Status of Trust Fund

- FY12 Cash Flow:

➤ Begin Balance:	\$ 45,321,398
➤ Fuel Tax Revenue:	\$ 89,238,643
➤ Interest:	\$ 44,159
➤ Transfers to Corps:	\$ 81,336,092
➤ End Balance 30 Sep 2012:	*\$45,935,761

*Of which \$7.332 million is set aside as Transfer Authority for current obligations, leaving **\$38.603 million** as effective TF unobligated balance.

- FY 13 Receipts (Oct):

➤ Fuel Tax Revenue:	\$933,000
➤ Interest:	\$4,929
➤ Total Receipts:	\$937,929
➤ Change from prior year	-\$881,571

Source: IWTF statements from Dept. of Treasury, Bureau of Public Debt.



Chickamauga Lock & Dam, Tennessee River



Project Cost*: \$ 698,300,000
 FY13 Allocation Plan: \$ 400,000 (200,000 CG / 200,000 TF)
 FY13 Budget: \$ 0
 ARRA Funds: \$ 52,519,000
 Remaining Balance: \$ 512,632,000

Status

- **Cofferdam Contract 99% complete**
- **Work utilizing ARRA Funds**
 - **Gates, Valves, Bulkheads 99% Complete**
 - **Approach Wall Beam Castings 85% Complete**
- **Lock Design Complete**
 - **Award pending funding**

Schedule of Remaining Work	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Cofferdam Contract	30-Jan-05	30-Sep-06	29-Sep-12		
Miter gates, Valves, Bulkheads Fab	30-Sep-05	24-Sep-09	29-Sep-12		
Bridges Fabrication	15-July-09	28-Sep-09	30-Dec-10		
Approach Walls Fabrication	30-March-04	05-Apr-10	31-May-13		
Excavation Phase I	31-Sep-05		Funding + 24 months		
Lock Construction & Decommission Existing Lock	11-Aug-05		Funding + 5 years		



Note *: Fully funded total project cost is in Oct 2012 \$'s

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Kentucky Lock & Dam, Tennessee River



Project Cost*: \$ 849,019,000
 FY13 Allocation Plan: \$ 2,800,000 (\$1.4M CG / \$1.4M TF)
 FY13 Budget: \$ 0
 ARRA Funds: \$ 88,404,721
 Remaining Balance: \$ 481,816,360

Status

- **\$2.8M CG/IWTF allocation in FY13 for Claim (Superstructure) and S&A (U/S Lock)**
- **\$103M Superstructure Contract physically complete**
- **Upstream Lock Monoliths - \$61M all ARRA**
 - **4 of 10 Options Exercised, 62% Complete**
 - **Critical path of project**

Schedule of Remaining Work	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Hwy/RR Superstructures	1-Oct-99	19-Sep-05	24-May-12		
Upstream Lock Monoliths	1-Oct-00	29-Jan-10	30-Jun-14		
Upstream Miter Gates	1-Oct-02		Funding + 18 months		
Lock and Downstream Cofferdam	1-Oct-00		Funding + 5.5 years		
Approach Walls	1-Oct-02		Funding + 14 months		



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Note *: Fully funded total project cost is in Oct 2012 \$'s.

Lock and Dams 2, 3 & 4, Monongahela River



Project Cost*: \$ 1,729,000,000
 FY12 Allocation: \$ 1,158,000 (\$ 0.658 M CG / \$0.5M TF)
 FY13 Budget: \$ 36,650,000 (\$18.32 M CG / \$18.32M TF)
 ARRA Funds: \$ 66,892,733 (as of 22 Nov 2012)
 Remaining Balance: \$ 1,197,000,000

Status (major features)

- Continuing ARRA Charleroi River Wall, ARRA Guard Walls, & River Chamber Preparatory construction
- Award Charleroi Emptying and Stilling basin contract in FY13
- Holdback total \$15.8M

Schedule of Remaining Work	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Charleroi River Wall	1-Oct-95	27-Sep-04	30-Sep-13		
Charleroi Upper and Lower Guard Walls	1-Oct-95	28-Aug-09	12-Dec-13		
Charleroi River Chamber Preparatory Contract	1-Oct-95	13-Jan-12	27-Jul-13		
Charleroi Emptying and Stilling Basin	1-Oct-95	30-Sep-13	30-Sep-19		
Charleroi River Chamber	1-Oct-95		Funding + 5 years		
L/D 3 Removal	1-Oct-17		Funding + 1.5 years		
Dredging	1-Oct-95		Funding + 3y ears		
Municipal Relocations	1-Oct-93		Funding + 5 years		
Port Perry Bridge Relocation	1-Oct-95		Funding +5 years		



Note *: Cost and Schedule data are reflective of the FY2012 Cost Update and 902 Limit Calculations, Fully Funded

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Emsworth Locks & Dam, Ohio River



Project Cost:	\$160,000,000
FY12 Allocation Plan:	\$ 0
FY13 Budget:	\$ 0
ARRA Funds:	\$ 33,958,267
Remaining Balance:	\$ 6,700,000

Status

- Remaining FY 11 funds being used in FY 12
- Holdback of \$6.7M available for FY 13 and 14
- Project out of 50/50 balance due to no cost sharing required in FY 2009

Schedule of Remaining Work*	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Main Channel Gate & Scour Rehab	1-Jun-07	30-Jul-08	31-Jul-13	31-Mar-14	31-Mar-14
Back Channel Right Abutment	31-Jan-09	31-Aug-09	31-Dec-10	31-Mar-13	30-Sep-11
Back Channel Service Bridge Rehab	31-Dec-08	18-Sep-09	31-Dec-10	31-Mar-13	30-Jun-11
Back Channel Scour Protection	30-Sep-09	31-Mar-10	30-Apr-14	30-Sep-14	30 Sep 14
Main Channel Service Bridge Rehab	31-Aug-10	13-Jan-12	31-Mar-14	31-Mar-14	30 Sep 14



Olmsted Locks & Dam, Ohio River



Project Cost*: \$ 3,099,000,000
 FY12 Allocation: \$ 149,287,623 (\$74.644M CG / TF)
 FY13 Budget: \$ 144,000,000 (\$72M CG / \$72M TF)
 ARRA Funds: \$ 29,516,000
 Remaining Balance: \$ 1,560,000,000

Status of Dam

- Shell fabrication for Season 4 has started
- Tainter Gate 13 of 18 shells set
- Operational 2020
- Project Completion scheduled in Sept 2024

Schedule of Remaining Work	Design Initiated	Contract Award	Construction Complete	Project Benefits	Capitalized Cost Closeout
Dam	26-Aug-96	28-Jan-04	30-Jun-21	1-Jul-21	30-Dec-21
Wicket Lifter	1-Aug-19	4-Jan-21	6-Jan-23	1-Mar-24	30-Jun-24
Building & Grounds	1-Oct-18	18-Jun-19	30-Apr-21	1-May-21	30-Sep-21
Demolition L&D 52	1-Apr-19	18-Oct-21	16-Feb-24	N.A.	30-Jun-24
Demolition L&D 53	1-Apr-19	1-Dec-21	1-Oct-23	N.A.	1-Jan-24
River Dikes	1-Oct-20	6-Jun-22	7-Jun-24	30-Jun-24	30-Sep-24



Note *: Cost and Schedule data are reflective of the PACR dated April 2012

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Markland Locks & Dam, Ohio River



Project Cost:	\$ 39,758,000
FY12 Allocation:	\$ 3,515,703 (\$2.948M CG / \$0.57M TF)
FY13 Budget:	\$ 0
ARRA Funds:	\$ 8,413,600
Remaining Balance:	\$ 0

Status

- **Project is Complete**



Locks and Dam 27 Major Rehab Project



Project Cost: \$39,827,000

Allocations thru FY12 (incl. ARRA): \$38,977,000

Remaining Balance: \$850,000

Status

- **All ARRA contracts awarded**
- **Main Lock Lift Gate installed and functional**
- **All contracts on track to be completed by 2013**

Schedule of Remaining Work	Design Initiated	Contract Award	Physical Construction Complete	Project Benefits	Capitalized Cost Closeout
High Mast Lighting	9/30/2008	9/11/2009	8/14/2010	8/3/2010	7/11/2011
Fabricate new Culvert Valve Machinery	1/15/2009	8/28/2009	9/28/2010	N/A	3/27/2011
Install Main Lock Lift Gate	7/15/2009	In house labor	8/31/2010	8/31/2010	2/27/2011
Fabricate Main Lock Miter Gates	6/18/2009	8/3/2010	6/28/2013	N/A	8/30/2013
Install Culvert Valves and Culvert Valve Machinery	10/1/2009	7/15/2010	2/16/2011	2/16/2011	4/6/2012
Construct Tiedowns	4/7/2009	8/6/2010	2/15/2011	2/15/2011	9/29/2012
Install Main Lock Miter Gates	4/1/2010	8/3/2010	8/30/2013	3/1/2013	8/30/2014
Construct Upstream Protection Cell	12/21/2009	8/19/2010	3/4/2011	2/14/2011	2/21/2012

Lockport Pool Major Rehabilitation



Project Cost: \$130.1 M

Allocations thru FY12 (incl. ARRA): \$115.1 M

Remaining Balance: \$ 15 M

Status

- **Canal Wall has been returned to service**
- **Controlling Works has been returned to service**
- **Forebay Wall schedule depends on FY13/14 funding**

Schedule of Remaining Work	Design Initiated	Contract Award	Physical Construction Complete	Project Benefits	Capitalized Cost Closeout
Stage 2 Controlling Works	10/1/2008	6/29/2010	10/4/2012	9/25/2012	6/1/2013
Stage 3 Canal Wall	10/1/2006	9/9/2009	9/23/2012	5/25/2012	6/1/2013
Stage 1C Powerhouse Forebay Wall	4/2/2012	9/30/2013	11/30/2015	9/30/2015	6/1/2016



IHNC Lock Replacement



Project Cost: \$1,425,205,000

Allocations thru FY12 (incl. ARRA): \$111,402,399

Remaining Balance: \$1,313,802,601

Status

- **Project was enjoined on 9 September 2011**
- **Developing a SOW for the completion of a new SEIS**
- **All E&D is on hold until the completion of a new SEIS**

Schedule of Remaining Work	Design Initiated	Contract Award	Physical Construction Complete	Project Benefits	Capitalized Cost Closeout
SEIS	N/A	N/A	N/A	N/A	N/A

