IWTF Projects Update
Inland Waterways Users Board

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Louisville District

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"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."
Agenda

- Olmsted
- Lower Mon
- KY Lock
- Chickamauga Lock
Olmsted
Bottom Line Up Front

✓ Current Schedule: **Ahead of Schedule**
  - 2018 (Project Operational)
  - 2022 (Project Complete)

✓ Current Cost: **Under Budget**
  - TEP ($300M+) – Total Estimated Price (updated monthly)
  - TPCS ($41M) – Total Project Cost Summary (next update 2\textsuperscript{nd} Qtr FY17)

✓ Keys:
  1. Receiving **efficient funding** (annual capability) has allowed the PDT to effectively plan and execute our annual work plan.
  2. Advantageous river conditions have allowed the work to expand beyond the contractual low water season (15 Jun – 30 Nov).
Olmsted Project Overview - Status

**Navigable Pass (NP)**
- Master/Sheet Pile complete
- Foundation Pile complete
- All Paving Blocks set/complete
- Navigable Pass Shell Nos. 7 - 10 set/complete
- Navigable Pass Shell No. 11 precast underway

**Tainter Gates (TG)**
- Tainter Gate Nos. 1 – 4 erected
- Receive Tainter Gate No. 5: Jun 2017
- Service Bridge Nos. 3 & 4 (Stretch Goals) set

**Left Boat Abutment**
- Foundation Pile complete
- Cofferdam complete
- Tremie Mat complete
- Bracing complete
- Cast-In-Place LBA: LWS 17

**Wicket Lifter**
- Barge awarded 29 Jul 2016
- Crane awarded 02 Sep 2016
- Required delivery (Dec 2017)

**River Dikes**
- SATOC awarded 12 Aug 2016
- Dike No. 4 pending elev. 295

**Fixed Weir**

**Locks & Approach Walls**

**Operations Facilities**
- Maintenance Bldg (2017)
- Lock Masters Bldg (2017)

**Resident Engineers Office**

**Completed**

**Under Contract**

**Future**

**Dam Access Road**
2016 Low Water Season Images

1. Tainter Gate Nos. 1 – 4 Looking Upstream
2. NP-10 Transiting Skidway
3. Dive No. 10,000
4. Precast NP-11
5. LBA Cofferdam Bracing

BUILDING STRONG®
and Taking Care of People!
# 2016 Plan-to-Complete

**MILESTONE** | **BASELINE** | **CURRENT**
--- | --- | ---
PB-9 | 26 Jul | 19 May (A)
PB-10 | 17 Aug | 23 Jul (A)
PB-11 | 07 Jul | 29 Jun (A)
PB-12 | 15 Jun | 09 Jun (A)
NP-7 | 17 Sep | 09 Aug (A)
NP-8 | 18 Oct | 26 Aug (A)
NP-9 | 16 Nov | 04 Oct (A)
NP-10 (Stretch Goal) | LWS 17 | 10 Nov (A)
TG-3 | 20 Aug | 22 Aug (A)
TG-4 | 17 Nov | 19 Oct (A)
SB-1 | 23 May | 04 May (A)
SB-2 | 26 May | 06 May (A)
SB-3 (Stretch Goal) | LWS 17 | 01 Dec (A)
SB-4 (Stretch Goal) | LWS 17 | 02 Dec (A)

* Eight shells set in LWS 2016 including stretch goal NP-10

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**TABLE 1**: SHELL IDENTIFICATION AND WEIGHT (LBS)

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**TABLE 3**: SHELL IDENTIFICATION AND WEIGHT (LBS)

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**Olmsted Project**  
**Time and Cost Scorecard – Sep/Oct 2016**

### Expenditures (thru Sep)
- Planned (BCWS) $2.108B
- Earned (BCWP) $2.414B
- Actual (ACWP) $2.264B

**BCWP:** Reports the value (based on % complete) of the work performed to date.

**Target:**  
Actual as compared to Planned:  
- (<1% = Green) (>1% and <3% = Yellow) and (>3% = Red)

### Schedule (thru Oct)
- Project Complete (PACR)/(Current): Sep 2024/Mar 2022
- Dam Operational: Sep 2020/Oct 2018

**Measures:** Planned project completion and Dam contract operational dates

**Target:**  
- Green: Current = PACR-12 months
- Yellow: Current = PACR-11 months to PACR-7 months
- Red: Current = PACR-6 months to after PACR date

### Budget (thru Oct)

### Major Activity Schedule
Discussion

Army Strong
Building Strong
Finishing Strong