

IWTF Projects Update Inland Waterways Users Board

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Agenda

- Olmsted
- Lower Mon
- KY Lock
- Chickamauga Lock

Olmsted

Bottom Line Up Front

✓ Current Schedule: **Ahead of Schedule**

- 2018 (Project Operational)
- 2022 (Project Complete)

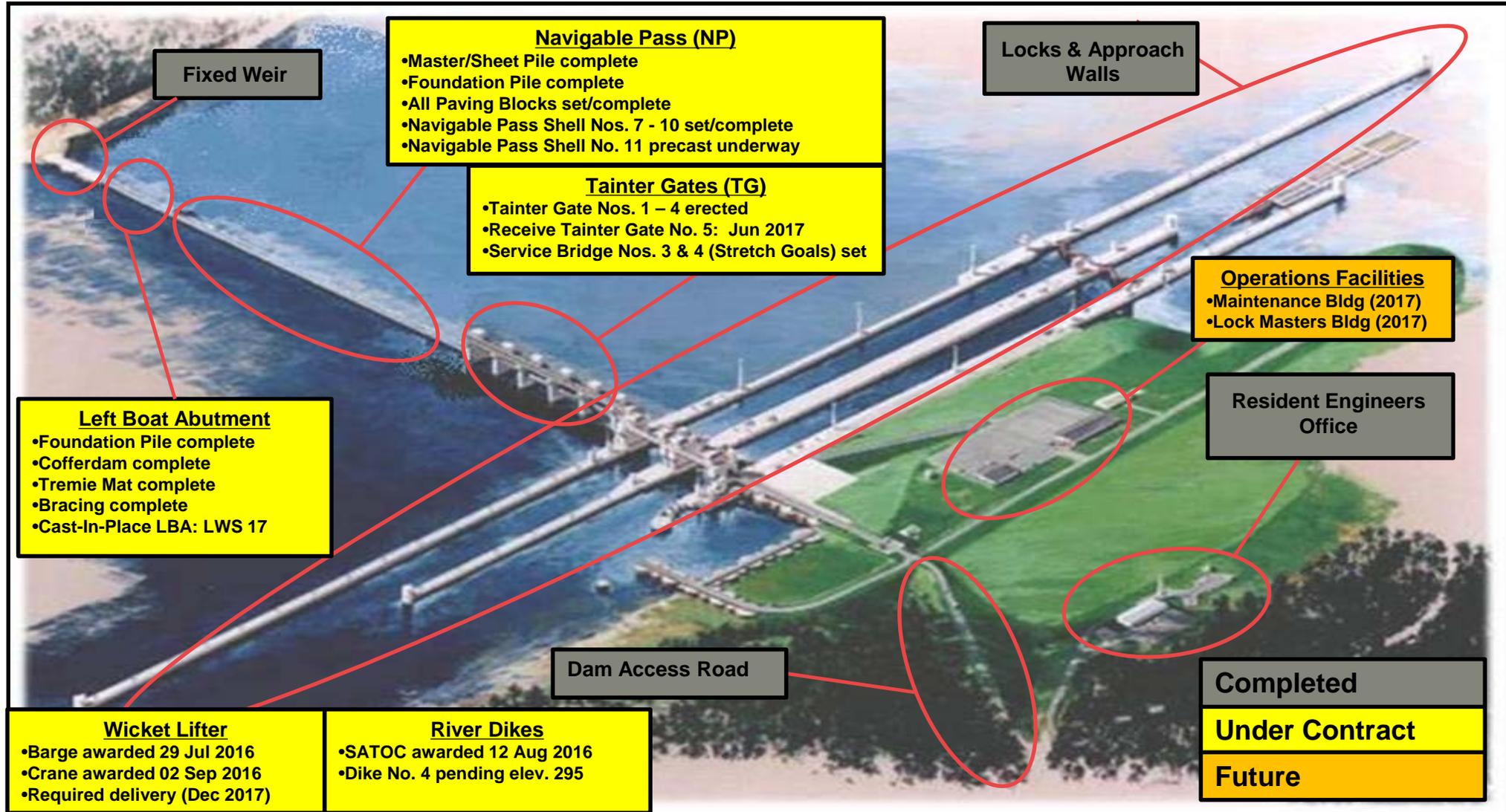
✓ Current Cost: **Under Budget**

- TEP (\$300M+) – Total Estimated Price (updated monthly)
- TPCS (\$41M) – Total Project Cost Summary (next update 2nd 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



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2016 Low Water Season Images



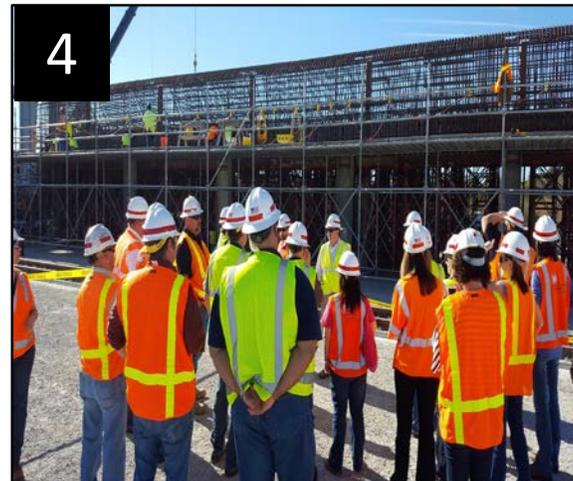
Tainter Gate Nos. 1 – 4 Looking Upstream



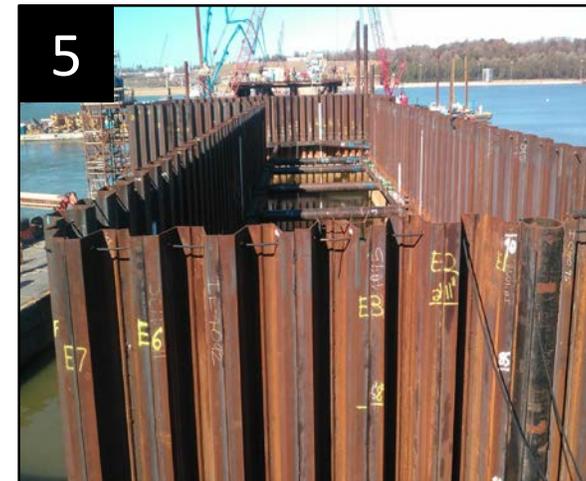
NP-10 Transiting Skidway



Dive No. 10,000



Precast NP-11



LBA Cofferdam Bracing

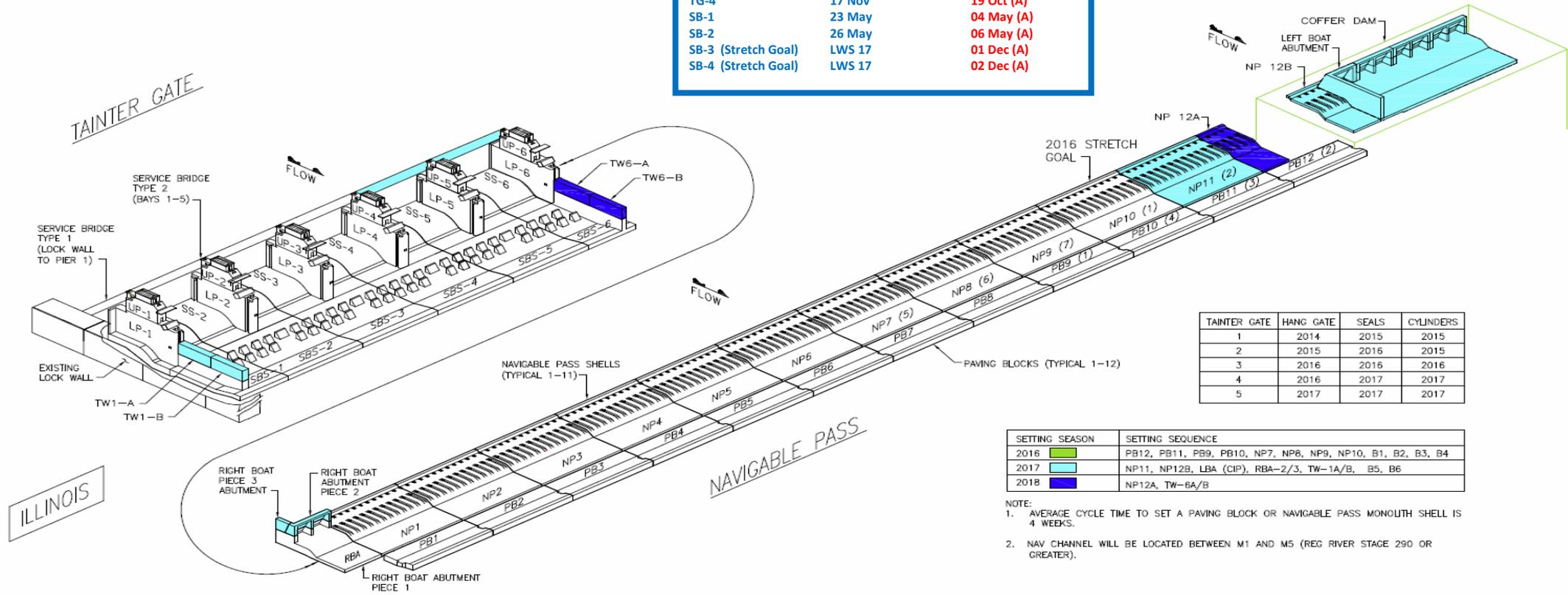
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2016 Plan-to-Complete

RINGER BARGE PLACEMENTS	
SHELL	WEIGHT (TONS)
RBA PIECE 3	81.5
TW1-A	347
TW1-B	302
TW6-A	308
TW6-B	316
SERVICE BRIDGE TYPE 2 (2)	283
7 REMAINING RINGER PLACEMENTS	

CAT BARGE PLACEMENTS	
SHELL	WEIGHT (TONS)
NP 11	4955
NP 12A	(4785.7) 1/2
RBA PIECE 2	372
3 REMAINING CAT BARGE PLACEMENTS	

MILESTONE	(FY16-\$268M) BASELINE	(FY17-\$225M) 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	14 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)



Tainter Gate	Hang Gate	Seals	Cylinders
1	2014	2015	2015
2	2015	2016	2015
3	2016	2016	2016
4	2016	2017	2017
5	2017	2017	2017

Setting Season	Setting Sequence
2016	PB12, PB11, PB9, PB10, NP7, NP8, NP9, NP10, B1, B2, B3, B4
2017	NP11, NP12B, LBA (CIP), RBA-2/3, TW-1A/B, B5, B6
2018	NP12A, TW-6A/B

NOTE:
 1. AVERAGE CYCLE TIME TO SET A PAVING BLOCK OR NAVIGABLE PASS MONOLITH SHELL IS 4 WEEKS.
 2. NAV CHANNEL WILL BE LOCATED BETWEEN M1 AND M5 (REG RIVER STAGE 290 OR GREATER).

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

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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)

	(PACR)/(Current)
Project Complete	Sep 2024/Mar 2022
Dam Operational	Sep 2020/Oct 2018

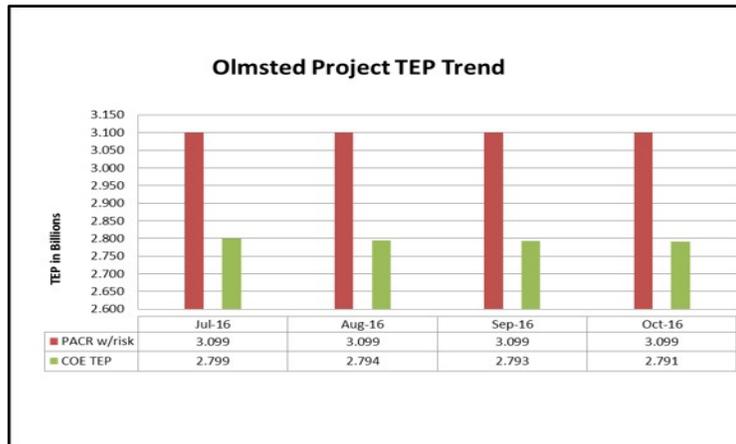
Measures: Planned project completion and Dam contract operational dates

Target:

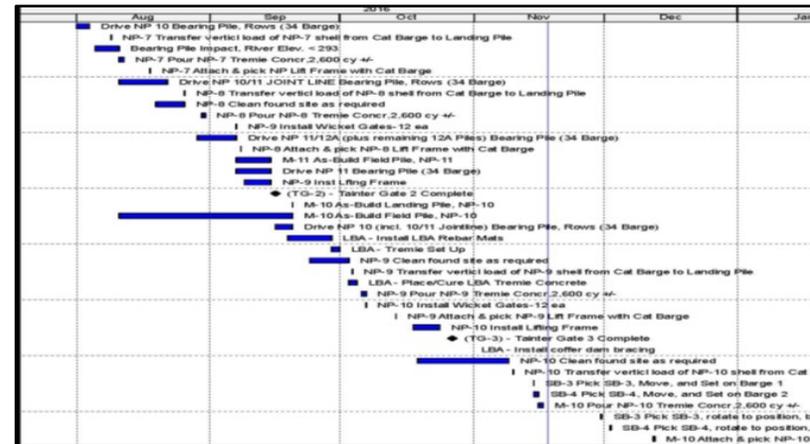
Green: Current = PACR-12 months
 Yellow: Current = PACR-11 months to PACR-7 months
 Red: Current = PACR-6 months to after PACR date



Budget (thru Oct)



Major Activity Schedule



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Discussion



Olmsted Locks and Dam
Wicket Lifter Barge



Olmsted Locks and Dam
Super Gantry Crane

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Building Strong
Finishing Strong

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