

# Fox River Navigational System Authority

Rehabilitation of Kaukauna Lock #3, #2, #1 and Dry Dock Gate



Month End Report  
August, 2014



**BOLDT**®

## Distribution

Bob Stark, Harlan Kiesow

Fox River Navigational System-CEO

## Site and Office Management

Jim Lee	Boldt – President Northern Operations
Tim London	Boldt – Director of Project Management
Paul Coenen	Boldt – VP/Commercial
Reed Rodenkirch	Boldt – Project Manager
Ed VanderBloomen	Boldt – Site Superintendent
Tammie Beitz	Boldt – Project Assistant

## Typical Field Manpower

### Boldt:

Superintendent	1
Millwright	2
Laborer	3
Operator	2
Carpenter	8
Mason	<u>1</u>
Subtotal	17

### Subcontractors:

Northland Electric	1
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Total	18
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## Executive Summary

During August Boldt worked on all three locks. At **Lock # 1** backfilling on both sides of the lock was completed up to rough grade. The RH sidewalk was formed and poured. The added RH knee wall at the interior base of the lock chamber was formed. Rehabilitation of the spar/tripod base slabs was begun.

At **Lock # 2** installation of the upstream floor mounted inlet valves and upstream timber lock gate doors continued. Two existing spar/tripod base slabs were demolished and work to place new slabs begun.

At **Lock # 3** work on the downstream timber gate door continued. Two existing spar/tripod base slabs were demolished and replacement slabs, placed on augered concrete sonotube foundations, constructed. The bottom side of the upstream silt sill was sandblasted and exposed steel painted.

Augered concrete sonotube foundations for all light poles were placed.

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## Safety

**First Aides, Injuries, Lost Time** – none recorded both during August specifically and for the project to date.

### Safety Risks & Concerns

Boldt continues to use proper construction equipment such as cranes and scissor & boom lifts to provide safe access to work location.

Boldt has worked 199 safe working days to date (tallying both 2013 and 2014) on this project. There have been no lost time injuries.

# SAFE THINKING



RH chamber wall backfill  
under way Lock # 1

## Progress Photos



Lock #1-LH downstream  
spar/tripod foundation



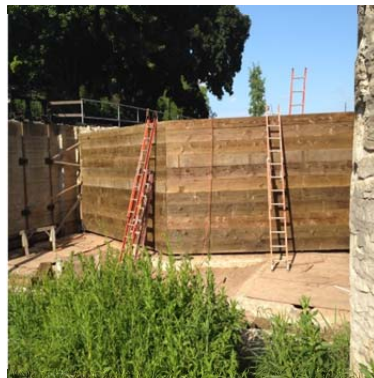
Lock # 3-Downstream  
timber gate door



Lock #1- LH downstream  
spar/tripod slab foundation



Lock #1-RH formwork for  
sidewalk



Lock #2- upstream timber  
gate door



Lock #1- LH backfill to  
rough grade

## Schedule

Boldt, during September at **Lock #3**, will complete the downstream timber gate doors and move this crew to Lock #2 for the same task. Repair of the upstream sill deck (CO#6) will also continue.

At **Lock #2**, construction of the upstream timber gate doors and inlet valves will complete, and this crew will move to Lock # 1 for the same task. Reconstruction of two spar/tripod foundation slabs will finish. Installation of the downstream timber gate doors will continue.

At **Lock # 1**, the CIP knee wall at the base of the lock chamber will be finished. As noted above, reconstruction of the upstream timber gate wall will begin.

### Financial

No new project change orders were quoted or approved during August. Six (6) project change orders have been executed to date. The project contract amount now is \$ 3,281,937.50 with a completion date of October 1, 2015. Project change orders are listed below:

- CO #1 - Sheet pile wall downstream of existing stop plank wall at Lock #1 - \$40,486.
- CO #2 – Excavation & trucking to Brown County Dredge Disposal sludge - \$4,002.
- CO #3 – Repair of Lock #1 downstream rubble wing walls- \$74,881
- CO #4 – Two additional Lock #1 light poles - \$ 8,470
- CO #5 - UG electrical service and granular backfill at lock #1-\$ 33,867.50
- CO#6 – New gate hardware & Lock # 3 upstream deck repair - \$ 31,231.50

### Current Concerns

- None-

### Equipment

<u>Equip. Description</u>	<u>Capacity</u>	<u>Boldt or Rental</u>
boom lift	40 ft	Boldt
2-hydraulic cranes	35T & 65T	Boldt
Skid loader	w/ auger & point	Boldt
4-forklifts	8000 lb	Boldt
gas & electric pumps	2 inch (6)- 3 inch(4)	Boldt
2-Pick-up trucks	¾ ton	Boldt
2- Container/Offices	40'/45'	Boldt
Air compressor	185 cfm	Boldt
RT scissor lift		rental

**BOLD THINKING.**