Composite Miter Blocks

Lock and Dam Maintenance
Workshop 2016

Rock Island District
Mississippi River Project
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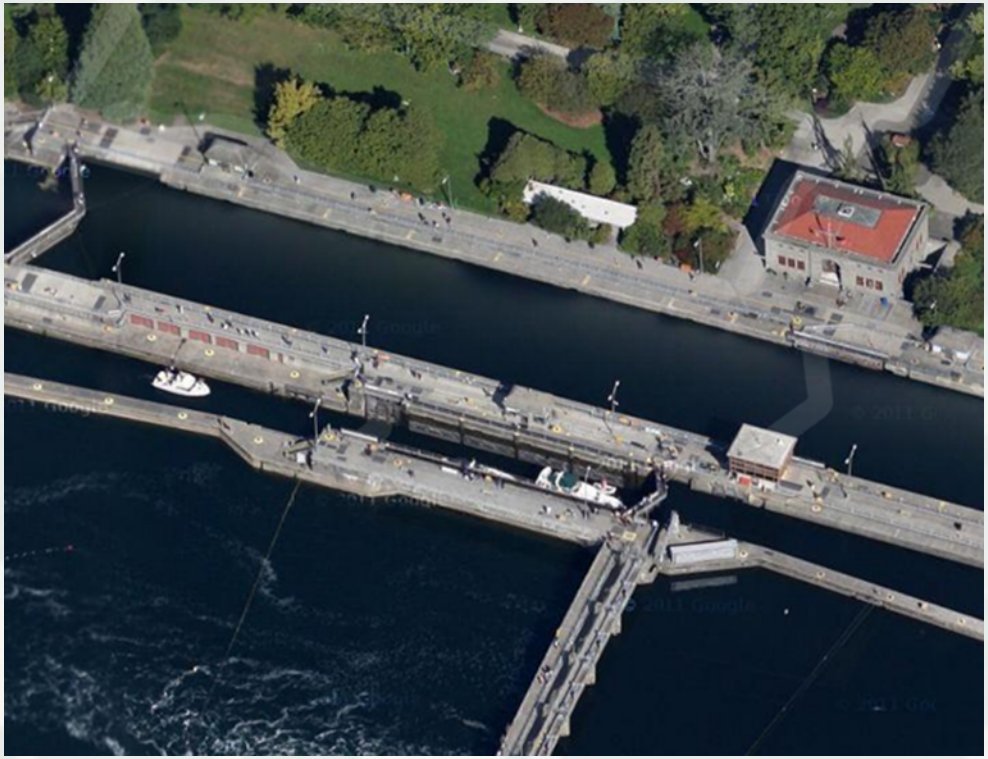
- Seattle District
- Upper Auxiliary Miter Gates, Contact Blocks (Miter End).



Corrosion of Blocks

Existing Block Removal

Air Chisel for removal

Existing Backing Material – Epoxy Type

Channel Prep

Clean all surfaces of debris prior to installation of new products.

Installation of Blocks

Extremely light weight and don't require a crane.

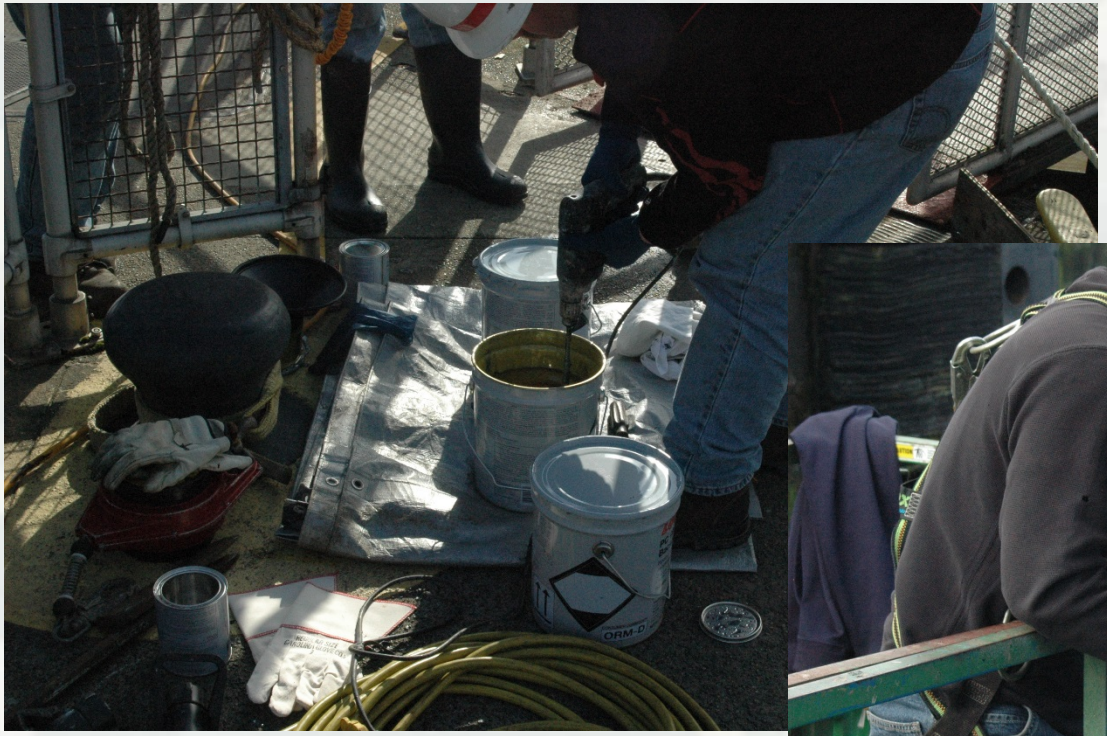
Installation of Blocks

Interference issues due to Resin that was placed after the blocks were cut.

Belt Sander was used to reduce width caused by Resin.

Block Adjustment

Backing Material



Material was too viscous and didn’t flow all the way to bottom.

Backing Material

Pressure Pot was used and the preferred method for the job.

Access holes were already present and filled with cork

ANY QUESTIONS