



City of South Haven

Department of Public Works

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Dyckman Avenue Bascule Bridge Rehabilitation

Progress Report – Week 25

The following work was performed during the week of March 30-April 3:

- Completed concrete sidewalk repairs
- Installed tail lock cylinders
- Installed hydraulic fluid tubing between the hydraulic pumps and cylinders
- Continued work on electric systems, primarily for hydraulic controls
- Repainted steel at expansion joints

The following work remains to be completed prior to the April 30 completion date:

- Bascule span balancing
- Installation of traffic gates
- Installation of light poles
- Installation of traffic signals
- Adjusting bearing plates
- Pouring hot rubber expansion joints

Non masted navigation has been restored beneath the bascule span. However, barges are being used adjacent to each pier. Boaters should be aware of the reduced channel width adjacent to the barges.

The bridge is scheduled to be operational for masted navigation on Thursday, April 16, 2015.

The roadway will remain closed to automobile traffic until Dyckman Avenue is paved in mid-May. The sidewalks will be reopened for pedestrian traffic no later than May 1, 2015.

New Tail Lock Cylinder, Manifold, and Tubing



Manifold for Lifting Cylinder



New Hydraulic Tubing



Hydraulic Tubing Connection to Hydraulic Power Unit



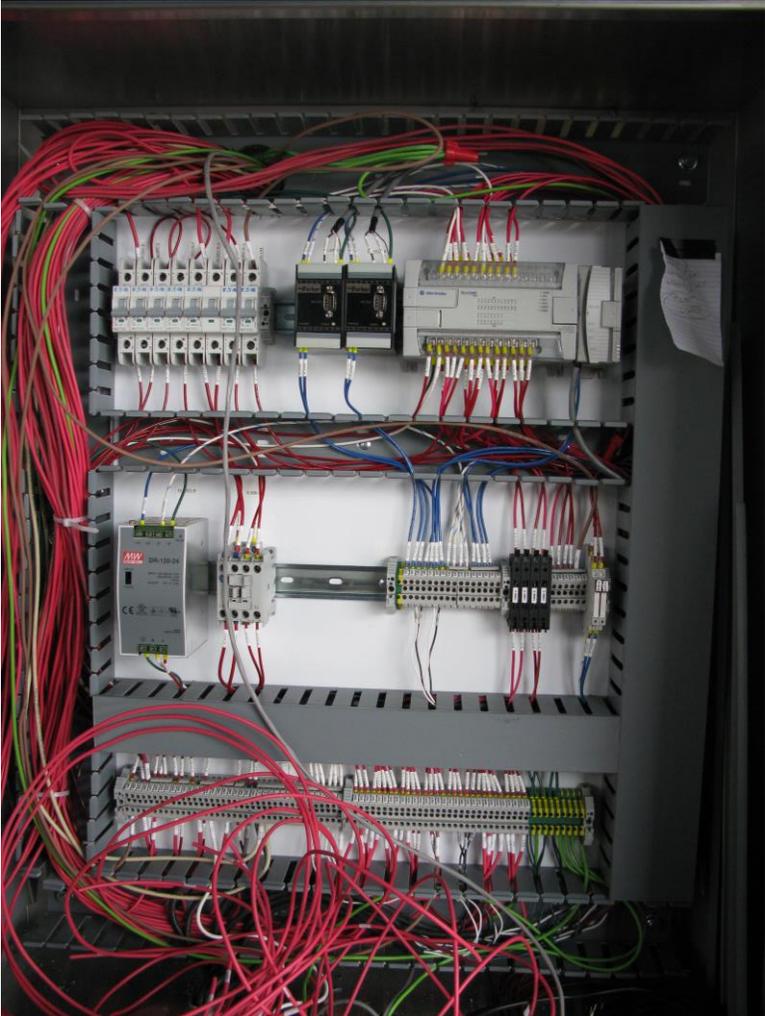
Electric and Control Wiring to Hydraulic Power Unit



Submarine Cable Electric Junction Box



Electric Control Box



New Timber Bumper Block



Inclinometer for Position Control

