

**William G. Stratton Lock & Dam**

**Plans for Lock & Gate Structure Improvements**

**McHenry County FR435**

**Project Summary**

Date Awarded: April 24, 2014  
Award Amount: \$16,679,000  
Construction Start Date: Mobilization began August 2014  
Substantial Completion Date: November 1, 2016 (Contract End Date June 1, 2017)

Once the lock is open in May the lock channel will be open to the public, but please remember that the lock area will still be surrounded by an active construction site that is off limits to the public for safety reasons. It is reasonable for lock users to expect minor delays as the new lock operating system is implemented and the kinks are worked out.

**April 2015 Summary**

Major Tasks Completed and Ongoing since February 2015 update:

The lock house work is nearly complete with new mechanical/electrical/plumbing being finalized. The new lock controls are being installed and tested.



All sheet piling for lock extension and wingwalls are installed, and wall tie-backs are installed and backfill will be complete by the end of April.



Existing miter gates have been repaired and are now back on site. By the end of April, the gates will be installed, tested, and adjusted. The new operating system will be tested and adjusted.



The new intake structure is complete, but needs to be tested. All of the sluice gates are also in place along with new intake and empty pipes.



North Berm work is progressing as weather allows with final shaping/grading of berm slope, placement of shot rock and final tree removal.



The gate structure phase I cofferdam is in place, dewatered, excavated and sheet pile cut off walls are installed. Riprap has been installed in the gate structure channel in vicinity of Phase I work and foundation test piles have been driven.



Work anticipated in next 4 weeks will include opening of the Lock for use in May. The deck on the construction access bridge downstream of the lock will be removed for boat traffic, but the abutments will remain in place throughout construction for periodic temporary deck replacement. The new lock stop logs will be placed and tested with adjustments made as necessary. The cofferdams upstream and downstream of the lock will be removed by the end of April. Miscellaneous other work in the vicinity of the new lock will continue along with sidewalk installation. The north berm will be finalized with the placement of topsoil and seed. Work will continue at the new gate structure. The gate structure foundation piles will be driven, the floor will be formed up for concrete, and the floor reinforcement will be placed.