



Lock Reliability

Start Date: Oct 2004

POC:

**Projected
End Date:** Sep 2005

[POC](#)

Problem Addressed:

Corps planners must prioritize maintenance activities and construction work on the nations locks and dams to ensure that the available dollars are used to the maximum effect on projects with the greatest need or the greatest potential return on investment. In order to do this reliable data is needed.

Objective:

This study is the first step in a planned multi-phase effort aimed at improving the level of data available related to maintenance projects for the nations locks and dams. The study will examine lock unavailability and processing delay times on the Upper Mississippi River in 2003. The study also will look at age and rehabilitation related lock characteristics. Finally, the study team will cross-check and verify data and describe level of confidence in the data.

Benefits:

This study will lay the groundwork for future efforts aimed at developing better and more complete data related to the repair and maintenance of the nations locks and dams. Ultimately, this research will help Corps planners understand the costs and benefits of maintenance and construction projects on the nations locks and dams. This will enable to Corps to better prioritize projects and mitigate the effects of construction-related closures.

Status:

Completed

Contract Data:

120171, A1200

Progress:

Products (Bookshelf/Toolbox):

[Report by The Planning Center of Expertise for Inland Navigation, September 2005 \(3.26 MB, pdf\)](#)

Related Links:

Revised 15 Sep 2008

