

Project Factsheet for: Pekin, Illinois

Date Last Updated: 02/18/2009 12:48

Project Location Information

Location: Pekin, Illinois
River Basin(s): Illinois
State(s): IL
Congressional District(s): IL-18

Status

Study was completed December 2003.

Description

The Project is located within the City limits of the City of Pekin, Illinois. This study focused on the hydraulic impacts of a proposed new marina and boat ramp by conducting a hydrologic/hydraulic analysis of the Illinois Waterway from approximately River Mile (RM) 150 to RM 157.

The Rock Island District of the U.S. Army Corps of Engineers (Corps) conducted a hydrologic and hydraulic analysis to determine the potential impacts of constructing a new marina and a new boat ramp. Three scenarios were analyzed; 1) construction of the new marina only, 2) construction of the new boat ramp only, and 3) construction of both the new marina and new boat ramp. Existing flood insurance hydraulic model cross-section geometry was evaluated, however, a more recent model based on the RAS numeric code was the basis of the analysis. A written report describing methodology, findings, and water surface profiles/elevations for reevaluated discharges corresponding to the 500-year flood, 100-year flood, 50-year flood, and 7-day 10-year low flow was provided to the sponsor.

The City has expressed satisfaction with the completed work.

Summarized Financial Data

Federal Cost	\$33,000
Non-Federal Cost	\$33,000
Total Cost	\$66,000

Major Work Item (This Fiscal Year)

None.

Major Work Item (Next Fiscal Year)

None

Authority

CA - Continuing Authorities - Section 22 --

Additional Information

The Section 22 program effectively allows non-Federal interests to leverage their resources and efficiently engage Corps expertise in meeting their water resources planning needs.

Project Manager Information

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