

Inner Harbor Navigation Canal Lock Replacement Project

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**US Army Corps of Engineers
BUILDING STRONG®**





Florida Ave. Bridge

Claiborne Ave. Bridge

Future Lock Location

Existing IHNC Lock

St. Claude Ave. Bridge

Existing Lock Dimensions

Length: 640 ft

Width: 75 ft

Depth: 31.5 ft

Mississippi River

Transition to a Lock Replacement Study

- The Port of New Orleans letter dated 26 September 2012 cites three main recommendations/requests
 - ▶ Declare the deep draft project is no longer viable and release to the Port all funds in the escrow account.
 - ▶ Encourages USACE to pursue a shallow draft lock replacement.
 - ▶ Urges USACE to fund fully over the next five years USACE's plans for major repair and maintenance of the existing IHNC Lock.



New Start Study

- Initiated study Jan 2015 upon receipt of FY15 funding
- Decision document will be conducted in accordance with SMART Planning Principles
 - Completed within 3 years for \$3M
- Decision document will consider lock replacement alternatives
 - Length: 900 ft – 1200 ft
 - Width: 75 ft – 110 ft
 - Sill Depth: 16.5 ft – 22 ft



Sill Depth Selection

- Design for max vessel draft of 11 ft
- Criteria to be considered in accordance with Engineering Manual (EM 1110-2-1604)
 - Including Factors of Safety for a low-lift design
- Economic Benefits
- Costs



Study Schedule

Milestone	Date(s)
Initiate General Reevaluation Report	Jan 2015
Alternatives Milestone	Mar 2015
Tentatively Selected Plan	Mar 2016
Draft Report Submittal to EPA	May 2016
Agency Decision Milestone	Oct 2016
Civil Works Review Board	Oct 2017
Chief's Report	Dec 2017

