

PEORIA LAKE ISLAND CONSTRUCTION

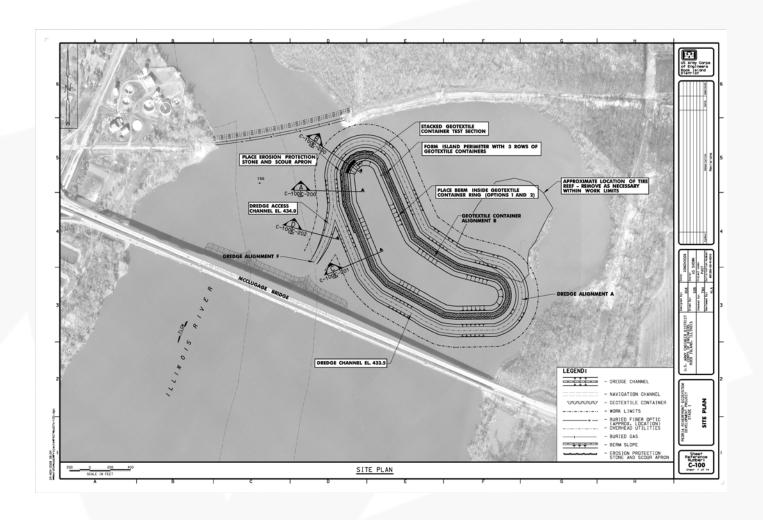
Lessons learned

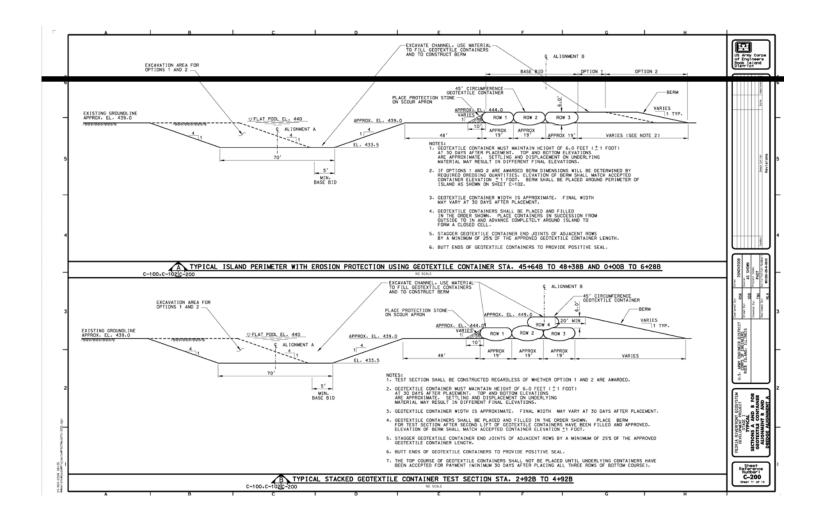
MIDWEST FOUNDATION 2009-2012

UNITED STATES ARMY CORPS OF ENGINEERS



Fish Habitat and Island Creation





Operational Methodology



3900 Crane Dredging and loading Hopper

Concrete pump transporting slurry to Geotubes

Operational Challenges



No Problems Right? Limited Pumping Distance Cut and Fill Calculations Trash, Tires, Debris Different Types of Material

More Challenges



High Water and More High Water Clay Material – Equipment Change Change in Methods for Phase II



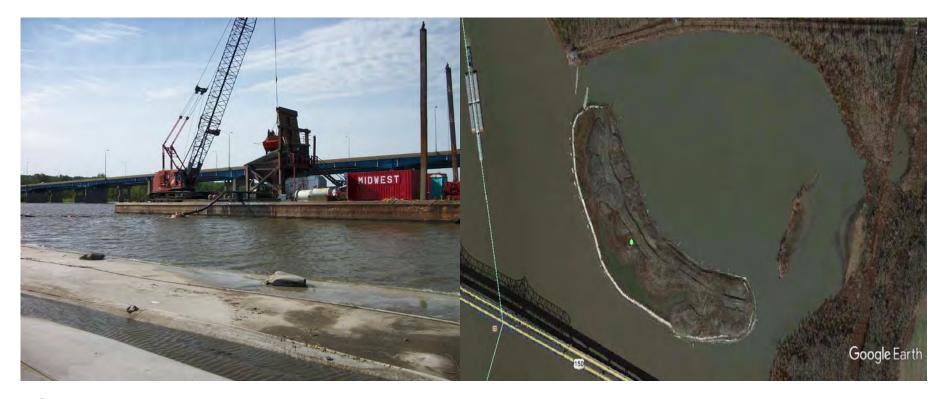
Project Team Challenges



Budget
Bag Settlement
Illinois DNR
Schedule



Lessons Learned



Geotube settlement time
Fish Habitat is doing fine
Material type is important
Engineering is important and difficult



Today



More Islands Planned Is this really the most cost efficient method of Construction Changes in technology

