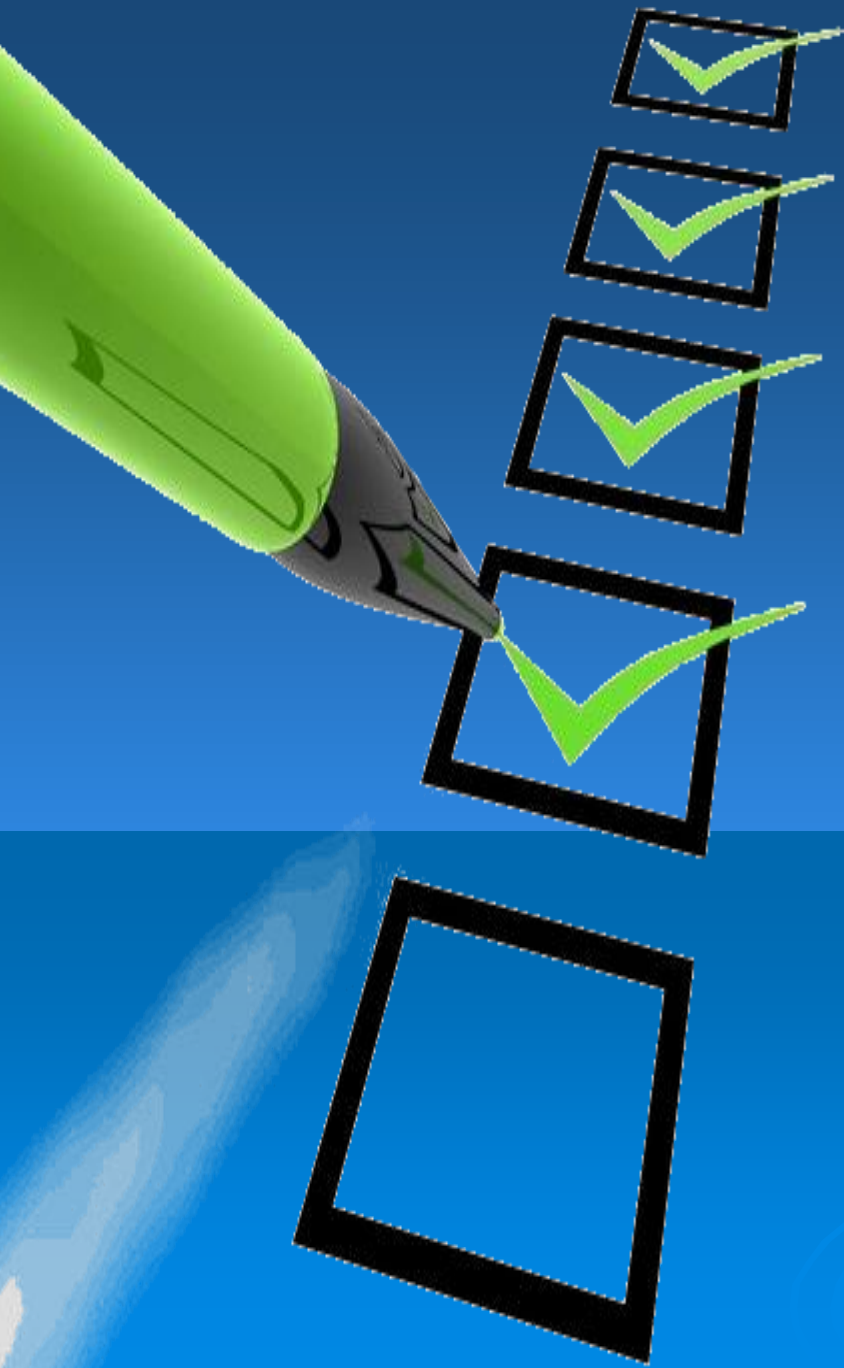


Illinois Local Sponsor Update – July 2018





State of Illinois & IDNR Goals:

- * Public Safety
- * AIS Risk Reduction
- * Sound Floodplain Management
- * Avoid / Minimize Ecosystem Impacts
- * Sound Public Water Management
- * Maintain / Improve Navigation
- * Minimize Taxpayer Costs
- * Maximize Taxpayer Benefits

Illinois Weekly Meetings with the Corps Brandon Road Team:

- Schedules
- Non Federal Sponsor Coordination with Other States
- Risks & Consequences
- Cost Estimate Updates



Illinois Positions

- Measures Implemented at Brandon Road are Additional Pieces of an Overall AIS Deterrent System;
- Need To Better Determine and Quantify the Actual Risk and Consequences;
- Need To Better Determine and Quantify the Reduction to Actual Risk Provided by Measures Proposed (to Justify and Support Any Funding Required to Implement the Risk Reduction Measures);
- Must Have FLEXIBILITY to consider a Locally Preferred Plan or FLEXIBILITY in Project Design to Improve Project, Add Measures, Delete Measures, Modify Measures and/or Value Engineer Any or All of the Project Components ;
- Must Mitigate All Adverse Impacts to Illinois
- Costs Matter!



Schedules / Key Dates

July 2018: Draft Corps Feasibility Report

December 2018: Draft Chiefs Report

February 2019: Chiefs Report

Visit to US Army Corps of Engineers ERDC Vicksburg, Mississippi July 12-13

US Army Corps of
Engineers

State of Illinois

State of Michigan

State of Wisconsin



GOAL:

**TO VIEW AND DISCUSS
ASIAN CARP
DETERRENT
TECHNOLOGIES
PROPOSED IN THE
CORPS' TENTATIVELY
SELECTED PLAN AND
LEARN ABOUT THE
SCIENCE AND
RESEARCH
SUPPORTING THOSE
TECHNOLOGIES**



Asian Carp Deterrents Discussed included:

- Electric Barriers
- Acoustic Sound Barriers
- Water Jets
- Flushing Lock
- Lock Treatments





Simulated Barge Movements in Confined Channels / Potential Fish Entrapment



Flume Studies





Large Scale Modeling of Hydraulic Structures





Amazing Ship and Barge Simulators



Open for Questions

