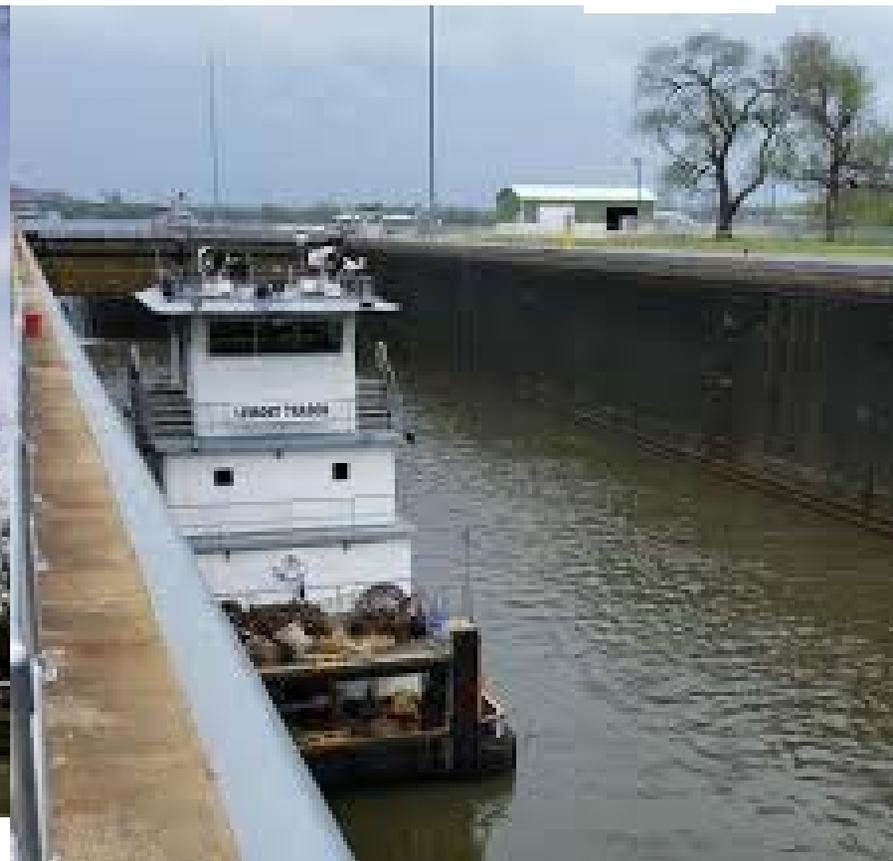
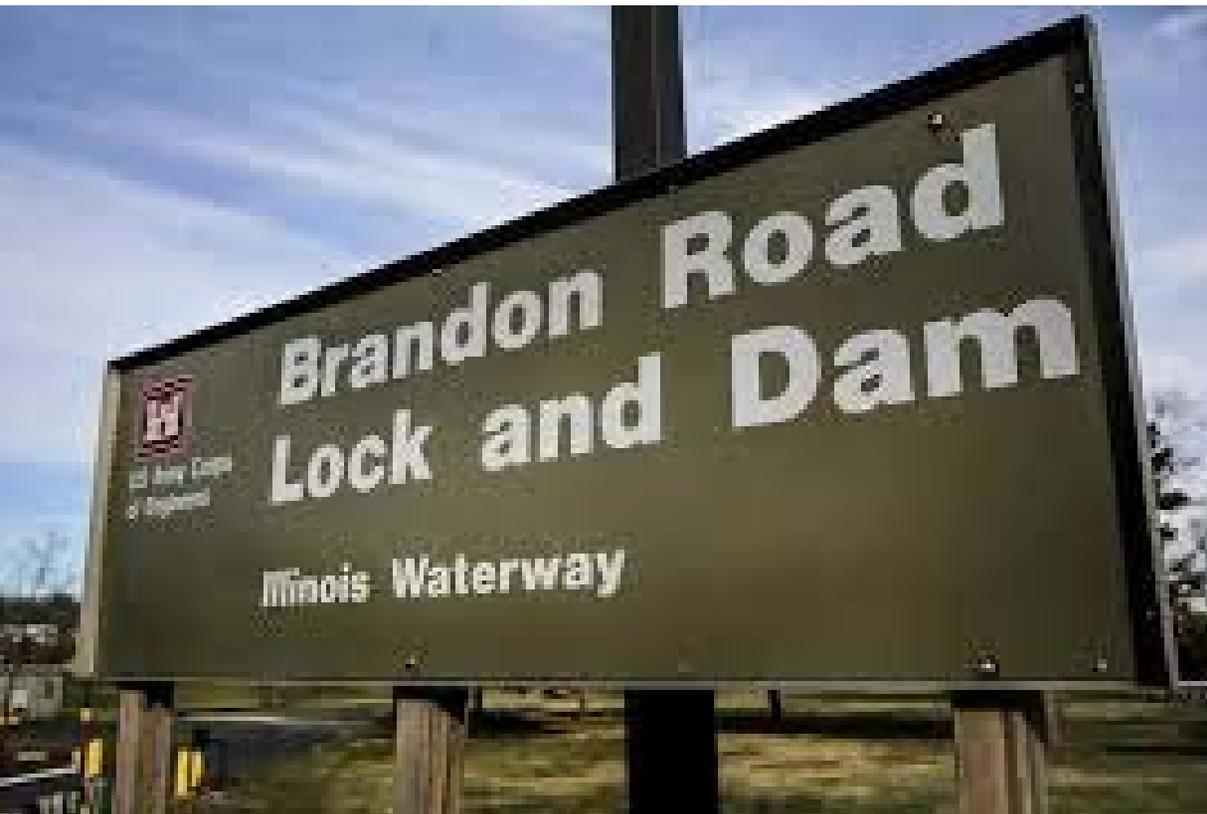


Illinois Local Sponsor Update – December 2018





State of Illinois & IDNR Goals:

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

In weekly meetings with the Corps Brandon Road Team Illinois has asked for:

- Baseline Risk of Carp getting into the Great Lakes
- Detailed economic analysis (how project costs buy down actual risk)
- Consider other project components to reduce \$800,000,000 + cost w/o reducing effectiveness
- Incorporation of Illinois preferred mitigation plans
- How the project mitigates Illinois concerns and complies with Illinois Public Water regulations
- Project life responsibilities vs. perpetuity
- Hazardous waste information on the project site





The Corps is limited by their existing authorities and hindered by imposed time constraints

Crunch to get report completed quickly
limited opportunities to explore changes

Only TSP project components authorized

Other cost effective technologies must be introduced through the Corps' Section 408 project modification process



Preliminary Engineering and Design (PED) Phase

\$101,662,000 Preliminary Engineering Design Cost

Make changes in PED, but only to what is in the box

State of Illinois – in-kind work design for engineered Channel portion of design

Project Design Complicated by potential for Hazardous Wastes on Project Right-of-way

Phase 2
Environmental
Assessment
Needed
(\$200K - \$400K)

currently not
budgeted by
either federal
or state



Illinois Positions

- Measures Implemented at Brandon Road are Additional Pieces of an Overall AIS Deterrent System;
- 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 ability 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
- Support Illinois Mitigation Strategies for the Des Plaines River
- Costs Matter!



Illinois Supported Project Components

Total project construction costs at or below \$275 million

- Flushing Lock (with improved fill times)
- Shortened Engineered Channel (300 ft +/-)
- Acoustics Noise Barrier
- Air Curtain System
- Boat Ramps
- Des Plaines Mitigation
- Non-Structural Measures

Potential Additional Economic Measures (Corps 408 process?):

CONTINUED SCIENCE BASED RESEARCH SUPPORTING ASIAN CARP DETERRENT TECHNOLOGIES

- DOOR
- CAVITATION WALL
- OTHER



Caveat: Illinois will have a new Administration in 2019



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GOVERNOR