



# Guidance to Repair Damaged Concrete in Lock Culvert

## ERDC Dredging Operations Technical Support Program (DOTS)

U.S. ARMY CORPS OF ENGINEERS

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### Response Summary:

The Mobile District asked ERDC personnel to attend a site visit to Bay Springs Lock to look at culvert lining issues within the concrete. The personnel visited and determined that there is a hydraulic problem with the operation of the lock.

### Period of Performance:

03/20/24 – 03/21/24

### Benefits of the Response to the USACE Dredging/Navigation Program:

Due to the site visit, the Mobile District will be putting in a budget package to have ERDC investigate the hydraulic concerns of the culverts further. Due to other issues at other locks on the river, the District does not have the available funding currently.

### Deliverable:

Based on the site visit and guidance, the District developed a budget package to fund future research into the culvert issue.



Providing environmental and engineering technical support to the U.S. Army Corps of Engineers  
Operations and Maintenance navigation and dredging missions

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