



WARNOCK & ASSOCIATES, LLC

ENGINEERING, MANAGEMENT & PLANNING

Madison County Board of Supervisors
P.O. Box 608
Canton, MS 39046


Re: Lake Caroline Dam Road Repairs, also known as, Bellevue Drive
Madison County, MS

Gentlemen,

The president of the Home Owners Association of Lake Caroline, Doug Jones, brought it to our attention last week that there is an ongoing erosion problem at the Emergency Overflow on Bellevue Drive. After a visit to Lake Caroline, the problem does exist and action needs to be taken in the near future to stop the erosion. Bellevue Drive is a County maintained road and wave action of Lake Caroline is in fact eroding the slopes and shoulders of the road and will eventually start compromising the road and the Right of Way. This dam is also a High Hazard Dam and would likely flood parts of Canton if the dam were to breach. At a minimum, I think rip rap needs to be placed in the area around the emergency overflow and other areas where the levee is exposed to wave action to stop the erosion and restore the slopes and shoulders.

In order to address the issues, we recommend that the Board authorize the Road Department to perform the repairs and maintenance. Additionally, the Road Department would need to be issued a purchase order to buy the rip rap at a cost of \$25,000.00 and an additional \$5,000.00 to restore the slopes and shoulders. The total project cost will be \$30,000.00. Allowing the Road Department to do this work will save The County money and the Road Department is experienced in doing this type of work. In closing, thank you for allowing Warnock & Associates to serve you. If you have any questions, please don't hesitate to contact me at 601-855-2250.

Sincerely,

Warnock & Associates, LLC

Jimmy Vickers
Construction Manager

Cc: File

“DEDICATED TO EXCELLENCE IN ENGINEERING”

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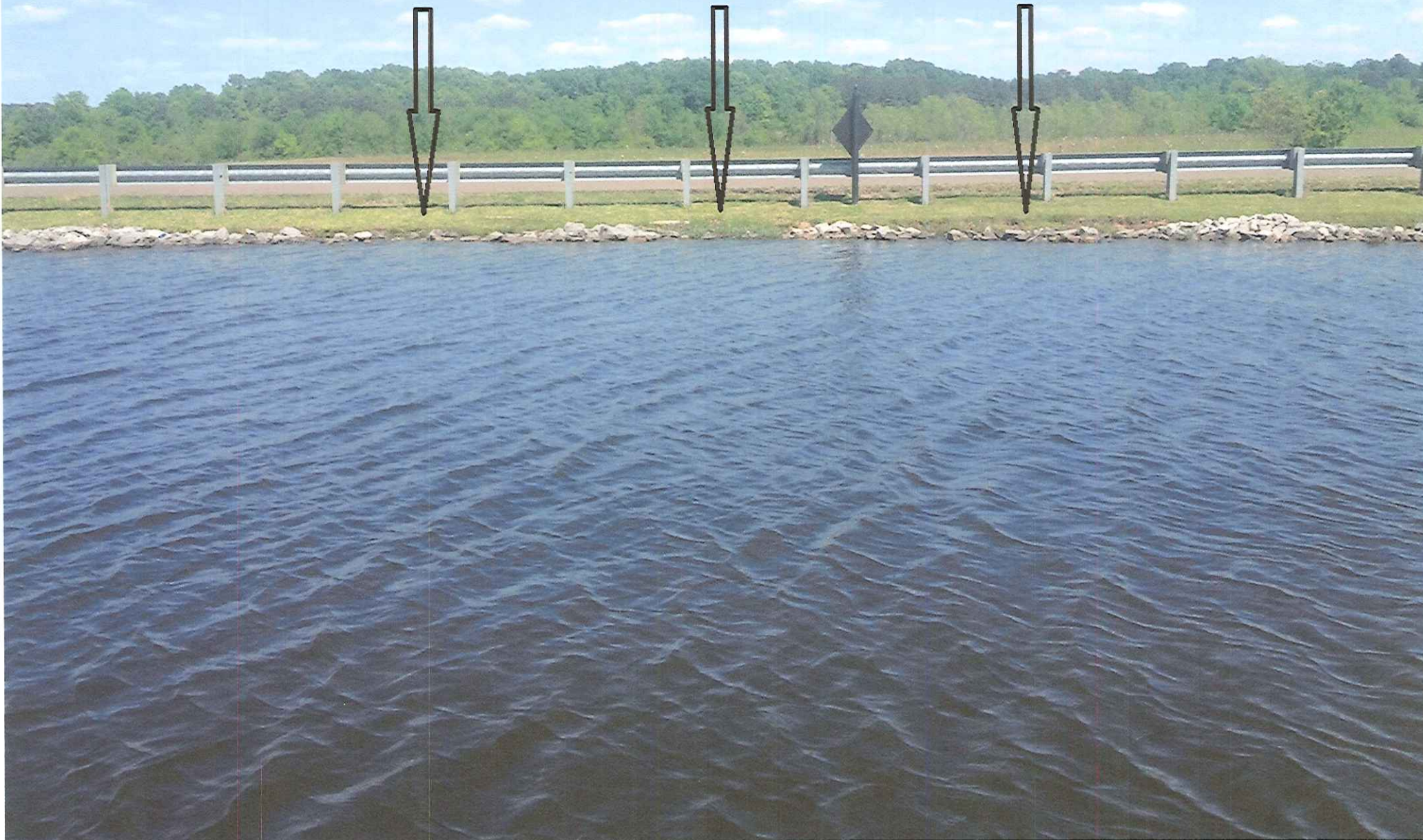
Lake Caroline Emergency Overflow

No rip rap present and shoulder of road eroding



Lake Caroline Emergency Overflow

No rip rap present and slope of road eroding



Lake Caroline Emergency Overflow

No rip rap present and shoulder of road eroding



Lake Caroline Emergency Overflow

No rip rap present and shoulder of road eroding

