Department of Engineering
Dan Gaillet, P.E., County Engineer

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MEMORANDUM

January 30, 2018

To: Sheila Jones, Supervisor, District I

Trey Baxter, Supervisor, District II Gerald Steen, Supervisor, District III David Bishop, Supervisor, District IV Paul Griffin, Supervisor, District V

From: Dan Gaillet, P.E.

County Engineer

Re: Sink Hole

127 Mason Way

Ashbrooke Subdivision

A sink hole has formed due to the failure of an 18" pipe that carries roadway storm water from Mason Way across private property to a small lake behind Mason Way.

The Engineering Department suspects that the pipe has collapsed which is causing water to back up on Mason Way and creating a dangerous sink hole. However, a full determination will be made after authorization is granted to work on private property.

It is the recommendation of the Engineering Department that the Board approve a temporary construction easement and authorize repairs to ensure that storm water is moved from point-to-point to prevent damage to the roadway and further damage to the storm water system.

Therefore, it is in the best interest of the County and the public's health, safety and welfare to make the repairs, due to:

- The pipe failure that is restricting flow off the roadway; and
- A dangerous sink hole has formed due to the failure.

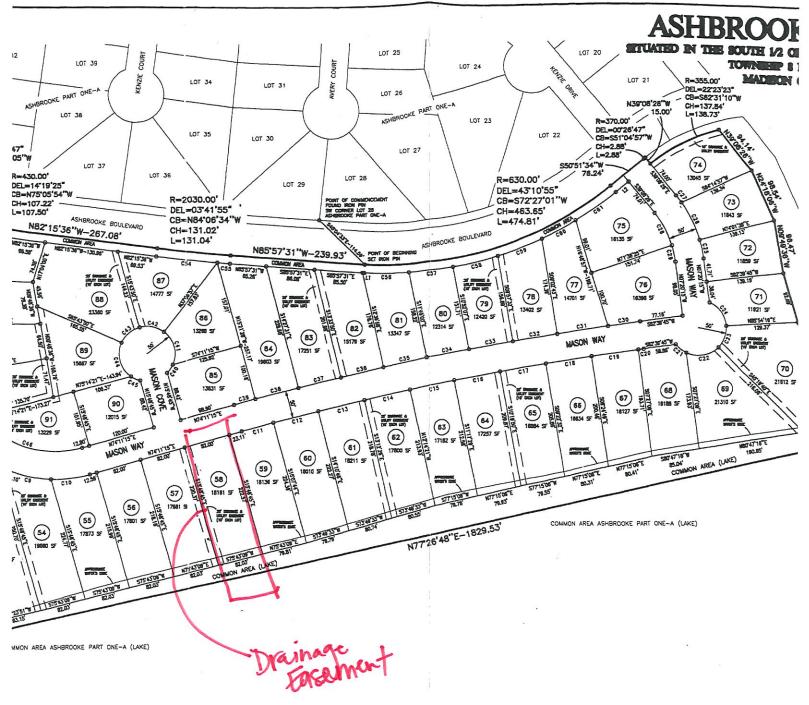
SHEILA JONES
District One

TREY BAXTER
District Two

GERALD STEEN
District Three

DAVID BISHOP District Four PAUL GRIFFIN District Five

L'OCATION: 127 Mason Way SINKHOLE FLOW CHART DATE: May 19, Fix Sinkhole. Approximate Is sinkhole within County ROW? Yes Is the sinkhole due to Yes Repair Date ___ failure of stormwater Sign system? Date 10/10/2017 No Date No Determine problem, Is the sinkhole a threat who is responsible, County is not authorized to remove or replace to public streets or and handle damaged drainage infrastructure on private accordingly. property? landowners lot nor restore the property to its No prior condition. Sign __ Yes MS AG OP., Adams (March 4, 2011) MS AG OP., Carnathan (February 16, 2010) No Date __ Would repair of sinkhole benefit the public welfare as a whole and not individual land owner(s)? Yes Make factual determination of correction Has factual determination been made as to No action with estimate costs (with pictures). the repair of sinkhole (with pictures). _ Date _ Yes No Acquire temporary construction easement Is the failure within an existing easement? (to be submitted to Board) Yes Present to Board on _ No Has Board been presented that such work and/or Date expenses (and temporary easement) are necessary in order to promote the public health, safety and welfare of the County? Yes Issue PO or Work Order Yes **Board Approval** Sign ___ No Date___ Inform property owner Inform property owner that repair shall be made: Sign_ Date (approx. date)



1/2 of Section 13 and in the North 1/2 of Section 24 oil in Township 8 North, Range 1 East, Modison County, Mississippi being more porticularly described as relations of 114.25 feet to an iron pin on the southerty right-of-way of Ashbrooke Boulevard which is the Point of Beginning of the ing run thence along the southerty right-of-way of Ashbrooke Boulevard which is the Point of Beginning of the ing run thence along the southerty right-of-way of Ashbrooke Boulevard which is the Point of Beginning of the ing run thence along the southerty right-of-way of Ashbrooke Boulevard for the following calls: N 85 degrees 57 minutes 31 seconds W for a distance of 239.93 zurve to the right horing a rodus of 200.00 feet, a delta ongle of 03 degrees 41 minutes 55 seconds, a chord bearing of N 84 degrees 66 minutes 71 nor cells of 131.04 feet, a delta ongle of 14 degrees 19 minutes 25 seconds, a chord bearing of 170.50 feet to an iron pin; westerly so minutes 55 seconds W for a distance of 267.08 feet to an iron pin; seconds 19 minutes 59 seconds W, a chord length of 68.33 feet, ord on are length of 65.43 feet, for a distance of 68.45 feet to an iron pin; southerly ong the 5.00 feet, a delta ongle of 10 degrees 50 minutes 32 seconds, a chord bearing of 15 of degrees 51 minutes 64 seconds W, a chord length of 67.00 feet, a delta ongle of 10 degrees 50 minutes 52 seconds, a chord bearing of 5 05 degrees 51 minutes 43 seconds W, a chord length of 15.08 feet, and iron pin; secondary to one seconds W, a chord length of 76.88 feet, and on ore length of 77.35 feet, for a distance of 77.05 feet to an iron pin; secondary one seconds W, a chord length of 78.88 feet, and on ore length of 76.05 degrees 25 minutes 43 seconds W, a chord length of 78.88 feet, and on ore length of 77.35 feet, for a distance of 77.05 feet to an iron pin; secondary of 15 degrees 15 minutes 45 seconds W, a chord length of 78.88 feet, and on ore length of 77.35 feet for a distance of 77.05 feet in or iron pin; N 29 degrees 15 minutes 58 seconds W, a chord length