


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

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MEMORANDUM

January 16, 2019

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
147 Creekside Drive
Harvey Crossing

A sink hole has formed due to the failure of a pipe that carries roadway storm water from Creekside Drive, along private property at 147 Creekside Drive.

The Engineering Department has determined that the pipes have separated which is causing a dangerous sink hole.

It is the recommendation of the Engineering Department that the Board 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.

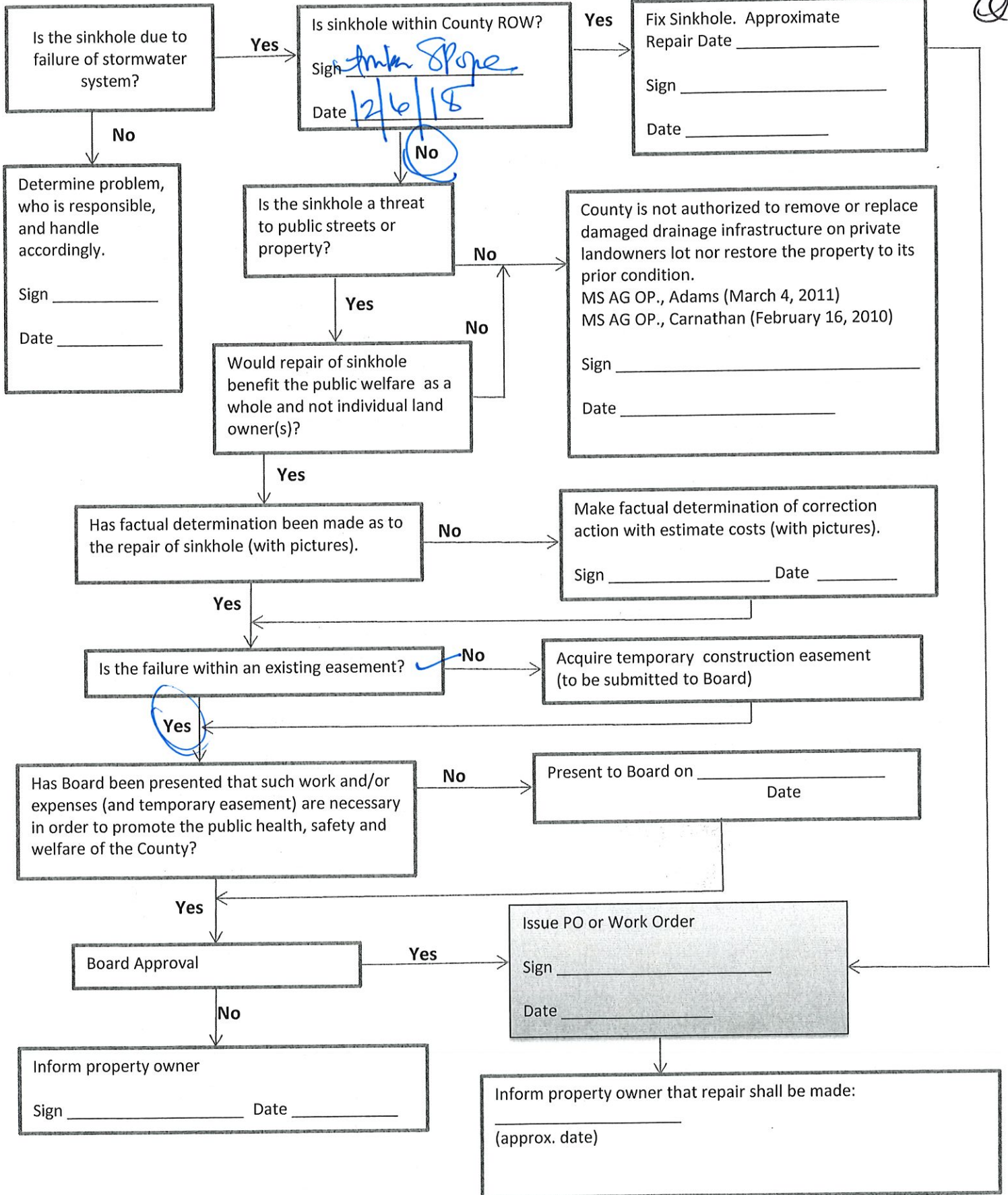
Therefore, it is in the best interest of the County and the public's health, safety and welfare to make the repairs, based on:

- Separated storm water pipes;
- A sink hole has formed over the failed pipe.

SINKHOLE FLOW CHART

LOCATION: 147 Creekside Dr.

DATE: 12/6/18







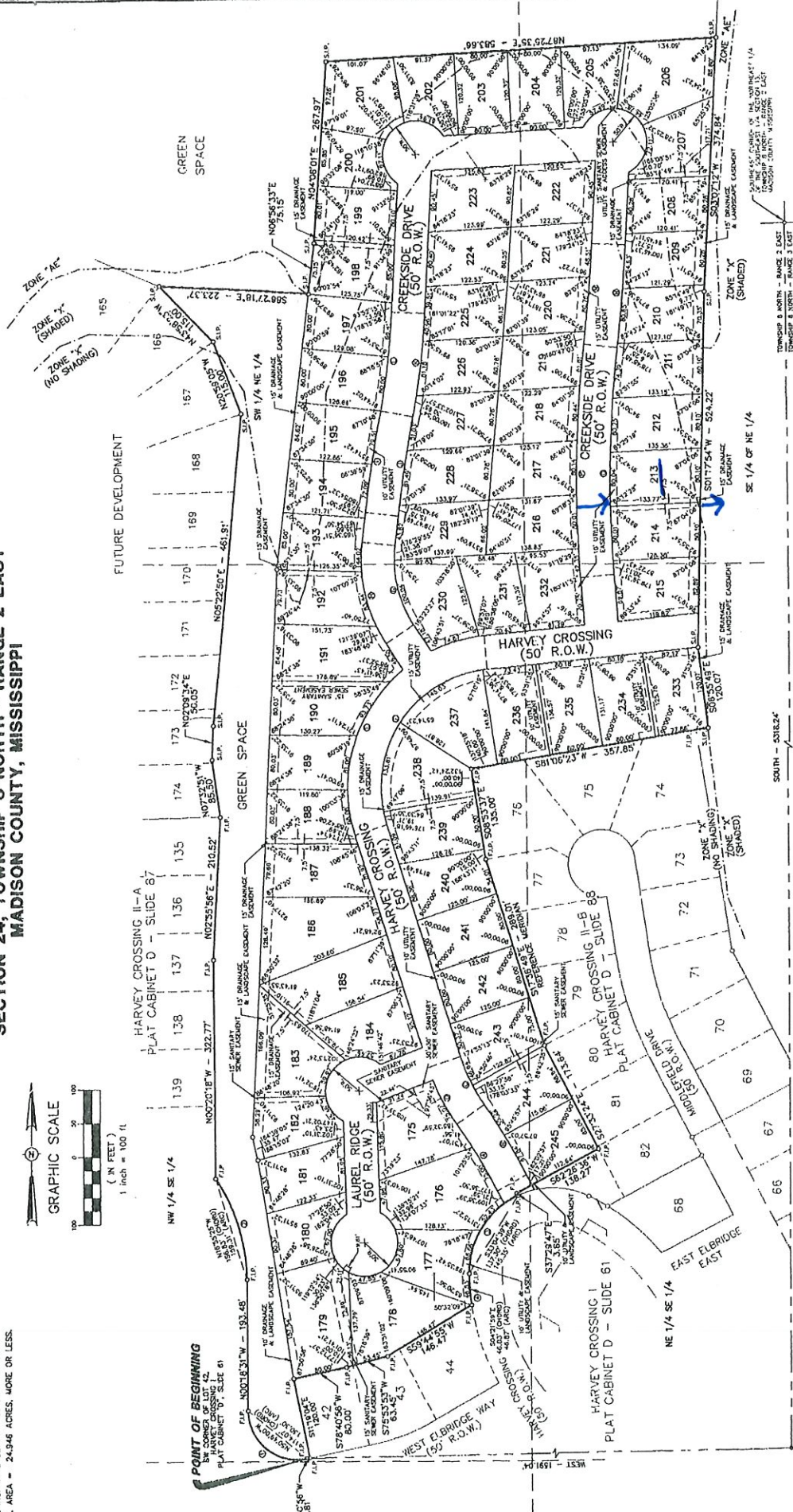
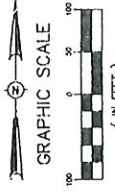
D 1210 Code 2961

PLANNED & SURVEYED BY
H D LANG AND ASSOCIATES, INC.
 ENGINEERS / LAND SURVEYORS
 4099 NORTH STATE STREET
 JACKSON, MISSISSIPPI
 (601) 362-4886

HARVEY CROSSING III-A
 SITUATED IN THE
 NORTH 1/2 OF THE SOUTHEAST 1/4 AND
 THE SOUTH 1/2 OF THE NORTHEAST 1/4 OF
 SECTION 24, TOWNSHIP 8 NORTH - RANGE 2 EAST
 MADISON COUNTY, MISSISSIPPI

Reproduction of Plat
 Book 554 Page 857
 M. Cook, S.C.
 by **NO DRAWN, P.C.**
 7-21-03

- NOTES:
1. THIS SUBDIVISION LIES WITHIN THE LIMITS ESTABLISHED FOR ZONES "AE", "X" (SHADED) AND "X" (NO SHADING) ACCORDING TO THE MAP NUMBER 260800003 D EFFECTIVE APRIL 15, 1994.
 2. DIMENSIONS ALONG CURVES ARE CHORD DISTANCES.
 3. SURVEY CLASSIFICATION "P.T." LINE OF HARVEY CROSSING II-B.
 4. REFERENCE MARKS ARE AT LOT CORNERS.
 5. IRON PINS 3/4" DIAMETER, MORE OR LESS.
 6. AREA = 243.94 ACRES, MORE OR LESS.

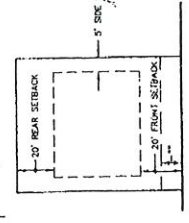


BOUNDARY CURVE DATA

① Δ = 101.0057° D = 77.52594° R = 158.30' L = 158.30'	② Δ = 53.5924° D = 30.8172° R = 258.35' L = 258.35'	③ Δ = 102.4448° D = 32.74044° R = 218.30' L = 313.31'	④ Δ = 07.7844° D = 5.22057° R = 107.50' L = 148.44'
⑤ Δ = 102.5448° D = 25.44478° R = 228.30' L = 492.83'	⑥ Δ = 07.7844° D = 7.14720° R = 1147.20' L = 153.11'	⑦ Δ = 172.230° D = 16.28433° R = 41.30' L = 94.03'	⑧ Δ = 03.4621° D = 0.34621° R = 227.20' L = 148.28'
⑨ Δ = 07.7844° D = 8.03707° R = 84.84° L = 118.39'	⑩ Δ = 03.4621° D = 2.40432° R = 227.20' L = 151.54'	⑪ Δ = 172.230° D = 16.28433° R = 41.30' L = 94.03'	⑫ Δ = 03.4621° D = 2.40432° R = 227.20' L = 151.54'
⑬ Δ = 49.1516° D = 174.90° R = 64.38° L = 122.85°	⑭ Δ = 172.230° D = 16.28433° R = 41.30' L = 94.03'	⑮ Δ = 03.4621° D = 2.40432° R = 227.20' L = 151.54'	⑯ Δ = 172.230° D = 16.28433° R = 41.30' L = 94.03'

RIGHT OF WAY CURVE DATA

① Δ = 07.7844° D = 8.03707° R = 84.84° L = 118.39'	② Δ = 03.4621° D = 2.40432° R = 227.20' L = 151.54'	③ Δ = 172.230° D = 16.28433° R = 41.30' L = 94.03'	④ Δ = 03.4621° D = 2.40432° R = 227.20' L = 151.54'
⑤ Δ = 49.1516° D = 174.90° R = 64.38° L = 122.85°	⑥ Δ = 172.230° D = 16.28433° R = 41.30' L = 94.03'	⑦ Δ = 03.4621° D = 2.40432° R = 227.20' L = 151.54'	⑧ Δ = 172.230° D = 16.28433° R = 41.30' L = 94.03'



TYPICAL BUILDING SETBACK
 INDICATES A 10' UTILITY EASEMENT
 UNLESS OTHERWISE SHOWN OR TOLD