## MADISON COUNTY, MISSISSIPPI

Department of Engineering Dan Gaillet, P.E., County Engineer 3137 South Liberty Street, Canton, MS 39046 Office (601) 790-2525 FAX (601) 859-3430

## **MEMORANDUM**

January 31, 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

105 Alden Place

Wellington Subdivision

A sink hole has formed due to the failure of an 18" pipe that carries roadway storm water from Alden Place to Millhouse Drive.

The Engineering Department suspects that the pipes have separated which is causing a dangerous sink hole. However, a full determination of damage will take place after authorization is granted to work on private property.

It is the recommendation of the Engineering Department that repairs be made 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; and
- Water is unable to flow freely off of Alden Place; and
- A large sink hole has formed over the pipe failure.

SHEILA JONES District One

TREY BAXTER District Two

**GERALD STEEN** District Three

DAVID BISHOP District Four

**PAUL GRIFFIN** District Five

## LOCATION: 105 Alden Place SINKHOLE FLOW CHART DATE: 10/10/2017 Fix Sinkhole. Approximate Is sinkhole within County ROW? Yes Is the sinkhole due to Repair Date \_\_\_\_ Yes failure of stormwater Sign system? Date 10/10/201 No Date No Determine problem, who is responsible, Is the sinkhole a threat County is not authorized to remove or replace to public streets or and handle damaged drainage infrastructure on private property? accordingly. No landowners lot nor restore the property to its prior condition. Sign \_\_\_ MS AG OP., Adams (March 4, 2011) Yes MS AG OP., Carnathan (February 16, 2010) No Would repair of sinkhole benefit the public welfare as a whole and not individual land Date \_\_\_\_\_ owner(s)? Yes Make factual determination of correction Has factual determination been made as to action with estimate costs (with pictures). No 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? Issue PO or Work Order

Yes

Sign \_\_

Date\_

(approx. date)

Inform property owner that repair shall be made:

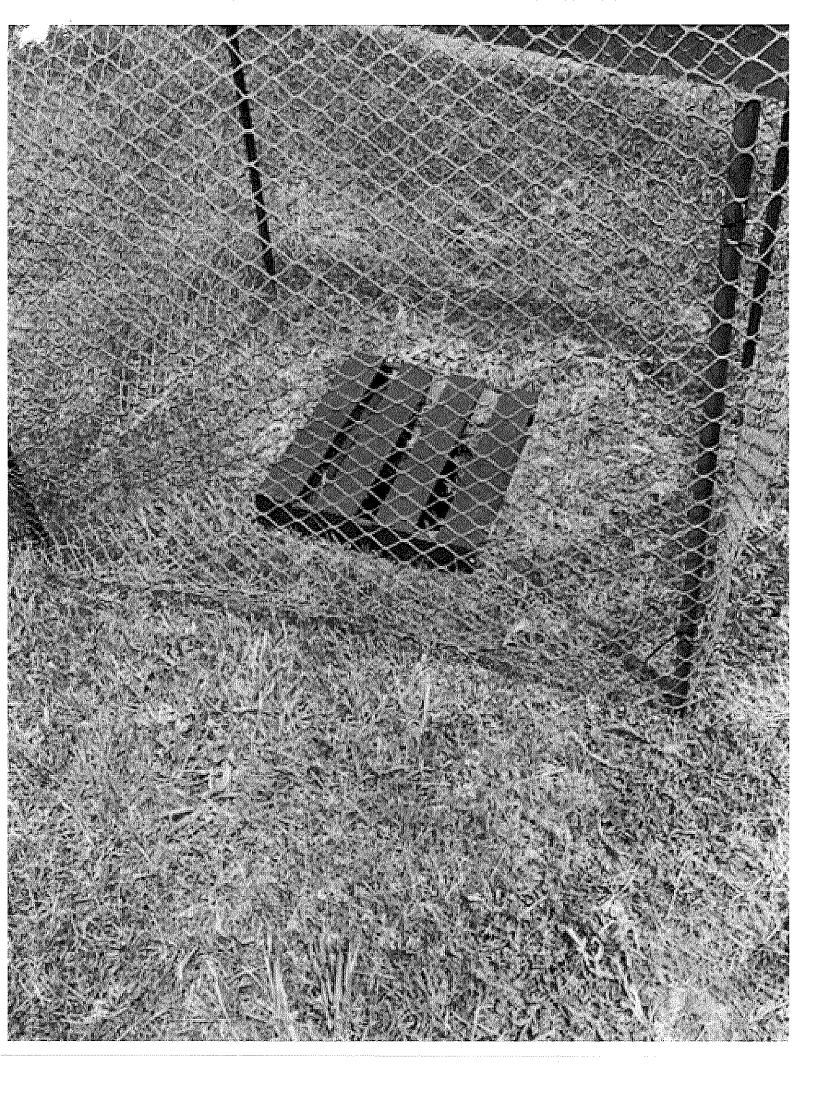
**Board Approval** 

Inform property owner

Sign \_

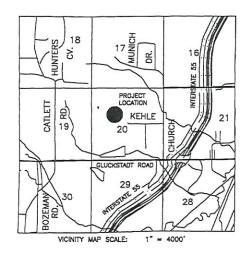
No

Date



## WELLINGTON PART ONE-C

SITUATED IN THE NORTHWEST 1/4 OF SECTION 20 TOWNSHIP 8 NORTH, RANGE 2 EAST MADISON COUNTY, MISSISSIPPI



NUMBER-	DELTA ANGLE	CHORD BEARING	RADIUS	LENGTH	CHORD
C1	42'38'47"	N51"06'09"E	50.00	37.22	36.36
a	59"18"15"	577'56'20"E	50.00	51.72	49,45
CJ	48'34'59"	N2400'43"W	50.00	42.40	41.74
C4	80.00,00,	M30"16"46"E	50.00	52.36	50,00
8	04'01'38"	N0217'35"E	225,00	15.82	15,81
CS	15'31'55"	S12'34'72"W	225,00	84,52	64,70
C7	08'58'09"	M25"19"24"E	225,00	35.22	35,19
Œ	29'31'45"	S15'02'37'W	175.00	90.19	89.20
8	56"31"50"	N61"27"19"W	50.00	49,33	47.36
C10	50'03'30"	202.00,30,E	50.00	43.58	42,31
C11	87'42'50"	S50"43"36"W	50.00	59,09	55.71
C12	95'41'40"	N47'34'04"W	50.00	83.51	74,14

NUMBER	DIRECTION	DISTANCE
L1	N29"48"29"E	30.34
L2	S28'48'28"W	13.41
D	S00"16"46"W	16.02

