

EXHIBIT A

NC GRID (NAD83)

Tax # 013-241-01  
Mecklenburg County  
(Cowan's Ford  
Wildlife Refuge)  
DB 6979 Pg 306  
MB 25 Pg 50

Tax # 013-041-01  
Mecklenburg County  
DB 25166 Pg 105  
MB 52 Pg 37

"Holly Bend" historic  
house site per  
MB 52 Pg 37  
#3701 Neck Rd. (per GIS)

IRF  
NCGS Coordinates  
N=599,588.40'  
E=1,415,504.04'

Neck Rd to be abandoned from  
this point eastward per prior survey  
dated July 12, 2011.

Portion of Neck Rd to be abandoned:  
5,509 linear feet (along centerline) &  
Area = 138,124 s.f. (3.1709 acres)

Tax # 013-181-13  
Mecklenburg County  
DB 25166 Pg 105  
MB 52 Pg 37

Tax # 013-171-01  
Mecklenburg County  
(Cowan's Ford  
Wildlife Refuge)  
DB 6979 Pg 306  
MB 25 Pg 50



**LEGEND**

ch.	chord
IPF	iron pipe found
IRF/S	iron rebar found/set
L,R	curve length & radius
MB,DB	record map, deed reference
PKF/PKS	PK Nail found/set
PT	computed point
R/W	right of way
s.f.	square feet (by coordinates)
S.R.	secondary road

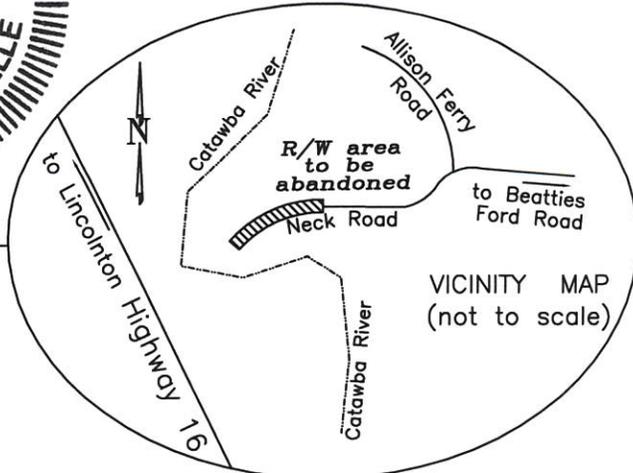
See Certification on Sheet 3 of 3.

*Andrew G. Zoutewelle*

Andrew G. Zoutewelle, L-3098

12/15/2019  
Date

Exhibit A-1  
Sheet 1 of 4



MATCH LINE

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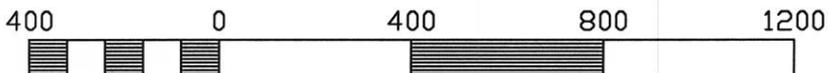
RIGHT-OF-WAY ABANDONMENT SURVEY

**Portion of Neck Road**

LONG CREEK TOWNSHIP, MECKLENBURG COUNTY, N.C.

for MECKLENBURG COUNTY

Survey Date: April 28, 2016



Scale: 1" = 400'

**A.G. ZOUTEWELLE**  
**SURVEYORS**  
1418 East Fifth St. Charlotte, NC 28204  
Phone: 704-372-9444 Fax: 704-372-9555  
Firm Licensure Number: C-1054



*A.G.Z.*  
 Andrew G. Zoutewelle, L-3098

10/15/2019  
 Date

\*\*\* CAUTION NOTE \*\*\*

THERE MAY BE UTILITIES OTHER THAN THOSE SHOWN. THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN HEREON. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THEIR LOCATIONS.

CALL BEFORE YOU DIG  
 1-800-632-4949

Portion of Neck Rd to be abandoned:  
 5,509 linear feet (along centerline) &  
 Area = 138,124 s.f. (3.1709 acres)



Neck Road  
 (S.R. 2074-gravel surface)

approximate location  
 of Duke Energy  
 transmission line tower

MATCH LINE

12' gravel road

back of ditch lines  
 (See Note 3)

Tax # 013-241-01  
 Mecklenburg County  
 (Cowan's Ford  
 Wildlife Refuge)  
 DB 6979 Pg 306  
 MB 25 Pg 50

Tax # 013-171-01  
 Mecklenburg County  
 (Cowan's Ford  
 Wildlife Refuge)  
 DB 6979 Pg 306  
 MB 25 Pg 50

**LEGEND**

- ch. chord
- IPF iron pipe found
- IRF/S iron rebar found/set
- L,R curve length & radius
- MB,DB record map, deed reference
- PKF/PKS PK Nail found/set
- PT computed point
- R/W right of way
- s.f. square feet (by coordinates)
- S.R. secondary road

Point at road end  
 NCGS Coordinates  
 N=596,095.64'  
 E=1,411,614.40'

Gravel parking lot  
 maintained by  
 Mecklenburg County

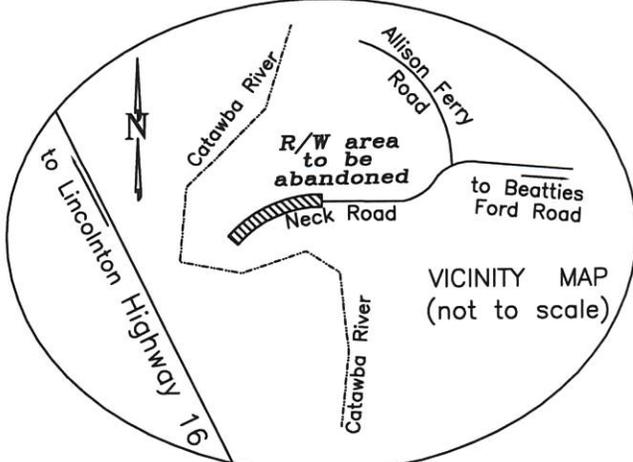


Exhibit A-1  
 Sheet 2 of 4

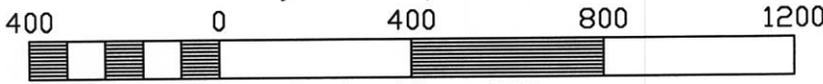
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**Portion of Neck Road**

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 for MECKLENBURG COUNTY

Survey Date: April 28, 2016



Scale: 1" = 400'

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 Phone: 704-372-9444 Fax: 704-372-9555  
 Firm Licensure Number: C-1054

NUMBER	RADIUS	ARC LENGTH	CHORD DIRECTION	CHORD LENGTH
C1	559.3283	226.6152	N 35°00'50" E	225.0684
C2	403.9763	175.9583	N 35°53'06" E	174.5706
C3	6408.7837	242.0651	N 49°26'42" E	242.0507
C4	634.9021	331.6165	N 33°39'14" E	327.8598
C5	1126.1897	154.1752	N 22°36'46" E	154.0549
C6	551.8732	492.3748	N 54°30'29" E	476.2061
C7	631.7255	222.1673	N 69°49'27" E	221.0241
C8	656.6850	230.8295	S 69°49'43" W	229.6430
C9	526.8732	470.1770	S 54°30'25" W	454.7303
C10	1101.1897	150.4553	S 22°36'18" W	150.3383
C11	659.9021	344.3289	S 33°38'20" W	340.4360
C12	6383.7837	241.8790	S 49°26'54" W	241.8645
C13	378.9763	165.0691	S 35°53'06" W	163.7674
C14	584.3283	238.1978	S 35°05'06" W	236.5520



THIS SURVEY IS CERTIFIED ONLY TO MECKLENBURG COUNTY REAL ESTATE SERVICES:  
STATE OF NORTH CAROLINA, Mecklenburg County

I, ANDREW G. ZOUTEWELLE, do hereby certify that this map was drawn from an actual field survey performed under my supervision; that the precision is 1:15,000; that the angular precision is less than 7.5 seconds per angle; that this map is not intended to meet GS 47-30 recording requirements.

*Andrew G. Zoutewelle*  
Andrew G. Zoutewelle, L-3098

10/15/2019  
Date

NUMBER	DIRECTION	DISTANCE
L1	N 13°35'25" E	47.73'
L2	N 44°36'08" E	33.23'
L3	N 56°02'54" E	57.21'
L4	N 51°08'39" E	94.86'
L5	N 46°18'59" E	192.55'
L6	N 46°59'19" E	162.00'
L7	N 51°57'45" E	165.47'
L8	N 53°12'18" E	252.31'
L9	N 47°02'58" E	203.65'
L10	N 27°54'20" E	379.18'
L11	N 25°34'19" E	359.54'
L12	N 29°14'34" E	487.11'
L13	N 79°51'57" E	733.63'
L14	N 60°16'25" E	408.22'
L15	N 63°07'13" E	101.39'
L16	S 17°26'16" E	32.65'
L17	S 67°24'41" W	96.08'
L18	S 60°16'25" W	407.09'
L19	S 79°51'57" W	733.68'
L20	S 29°14'34" W	486.37'
L21	S 25°34'19" W	359.25'
L22	S 27°54'20" W	379.39'
L23	S 47°02'58" W	204.07'
L24	S 53°12'18" W	253.46'
L25	S 51°57'45" W	164.11'
L26	S 46°59'19" W	160.77'
L27	S 46°18'59" W	193.45'
L28	S 51°08'39" W	96.99'
L29	S 56°02'54" W	55.77'
L30	S 44°36'08" W	23.79'
L31	S 11°58'19" W	40.81'
L32	N 76°24'35" W	26.15'

N. C. D.O.T. – Division of Highways

Approved By: \_\_\_\_\_ Date \_\_\_\_\_

District Engineer \_\_\_\_\_ Date \_\_\_\_\_

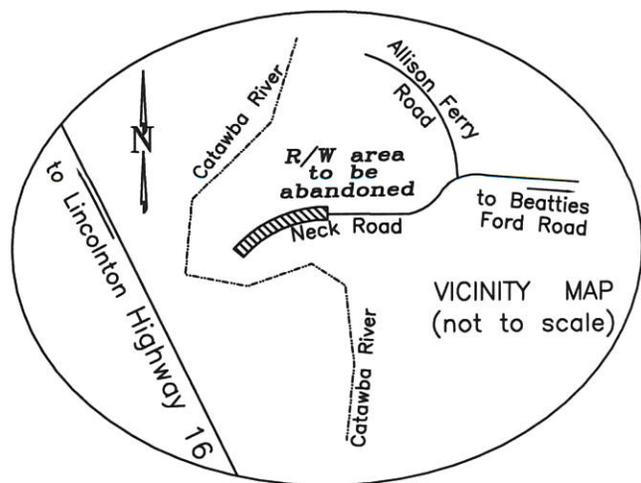


Exhibit A-1  
Sheet 3 of 4

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RIGHT-OF-WAY ABANDONMENT SURVEY  
**Portion of Neck Road**  
LONG CREEK TOWNSHIP, MECKLENBURG COUNTY, N.C.  
for MECKLENBURG COUNTY  
Survey Date: April 28, 2016

**A.G. ZOUTEWELLE**  
**SURVEYORS**  
1418 East Fifth St. Charlotte, NC 28204  
Phone: 704-372-9444 Fax: 704-372-9555  
Firm Licensure Number: C-1054

NECK ROAD ABANDONMENT

A tract or parcel of land lying and being in the Long Creek Township, County of Mecklenburg, North Carolina and being more particularly described as follows:

SEE "WORD" DOCUMENT  
PROVIDED TO CLIENT  
SEPARATELY

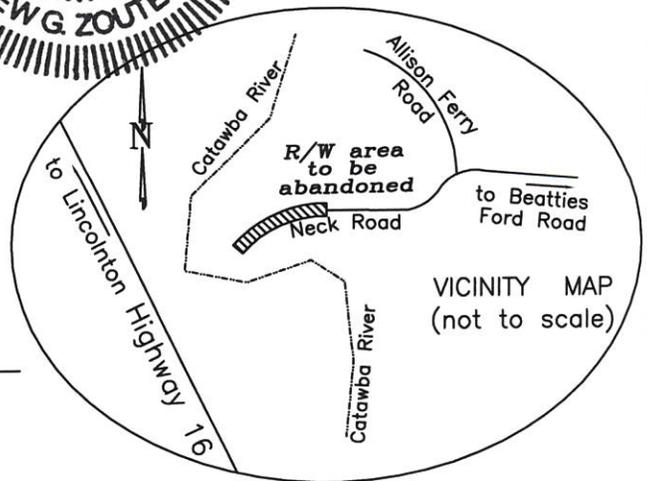
NOTES

1. Tax Identification Numbers shown hereon as per Mecklenburg County GIS.
2. See previously recorded plats which include the subject area recorded in Map Book 230, Page 18, Map Book 25, Page 50 and Map Book 52, Page 37.
3. Right of way dedication documents for the subject area were not found. This right of way is apparently prescriptive in nature (i.e., "as maintained" by the North Carolina Department of Transportation). Per prior conversations with the NC Department of Transportation, the existing right-of-way width for this section of Neck Road is apparently based on prescriptive road maintenance.
4. The calls shown on this survey are based on the surveyor's observations of road maintenance. Because this abandonment will merge Mecklenburg County property on both sides of the road, no monumentation was set on these points.

\*\*\* CAUTION NOTE \*\*\*

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CALL BEFORE YOU DIG  
1-800-632-4949



See Certification on Sheet 3 of 4.

*Andrew G. Zoutewelle*

10/15/2019

Andrew G. Zoutewelle, L-3098

Date

Exhibit A-1  
Sheet 4 of 4

Copyright 2016

RIGHT-OF-WAY ABANDONMENT SURVEY

**Portion of Neck Road**

LONG CREEK TOWNSHIP, MECKLENBURG COUNTY, N.C.

for MECKLENBURG COUNTY

Survey Date: April 28, 2016

**A.G. ZOUTEWELLE**  
**SURVEYORS**

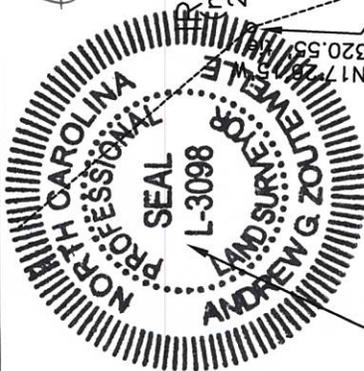
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NC GRID (NAD83)

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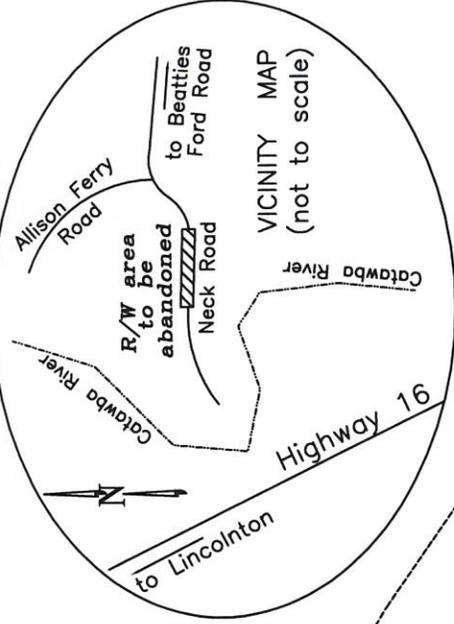
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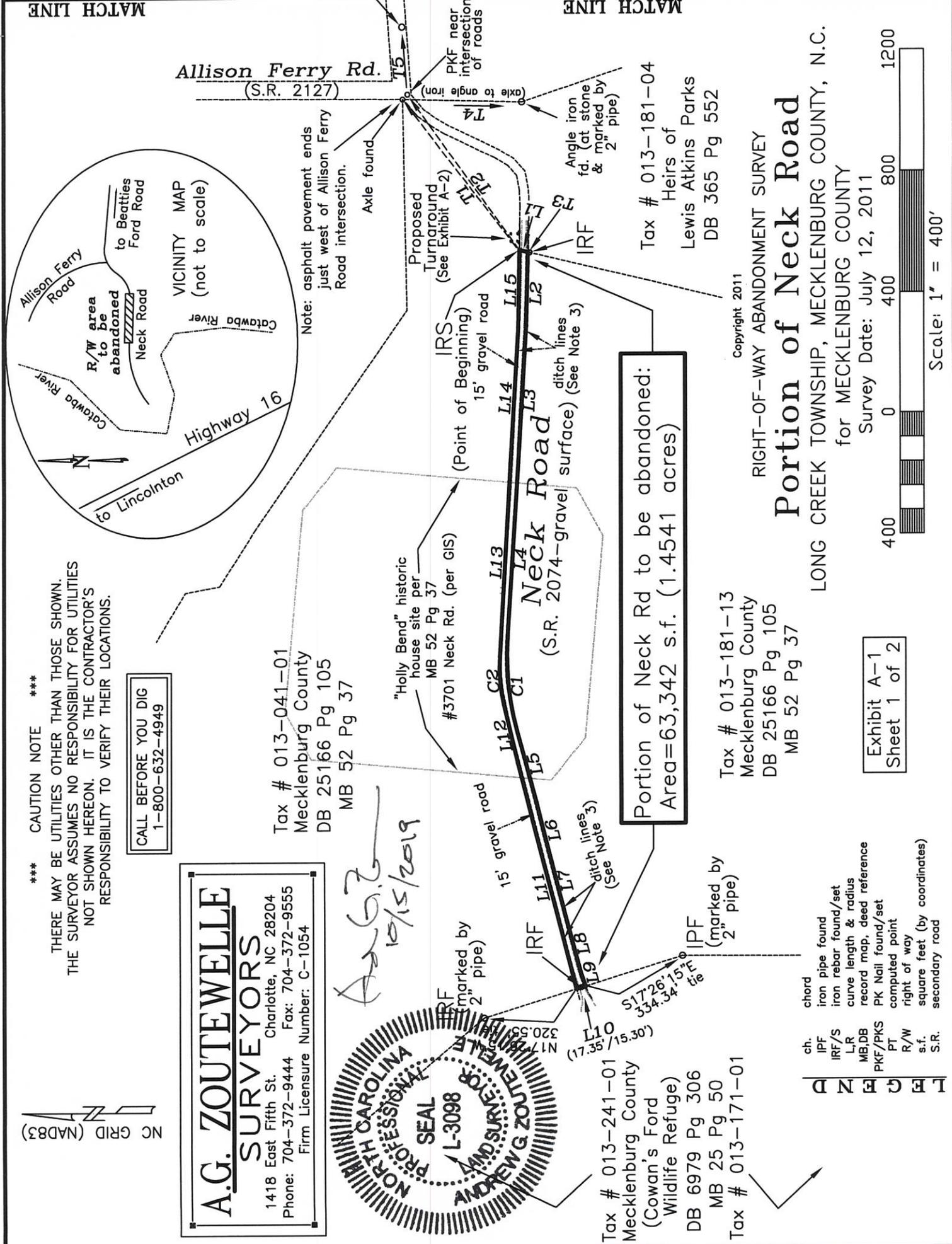
*AGZ*  
*10/15/2019*

Tax # 013-041-01  
 Mecklenburg County  
 DB 25166 Pg 105  
 MB 52 Pg 37

"Holly Bend" historic  
 house site per  
 MB 52 Pg 37  
 #3701 Neck Rd. (per GIS)



Note: asphalt pavement ends  
 just west of Allison Ferry  
 Road intersection.  
 Axle found



Portion of Neck Rd to be abandoned:  
 Area=63,342 s.f. (1.4541 acres)

Tax # 013-181-13  
 Mecklenburg County  
 DB 25166 Pg 105  
 MB 52 Pg 37

Tax # 013-181-04  
 Heirs of  
 Lewis Atkins Parks  
 DB 365 Pg 552

Copyright 2011

RIGHT-OF-WAY ABANDONMENT SURVEY

**Portion of Neck Road**

LONG CREEK TOWNSHIP, MECKLENBURG COUNTY, N.C.  
 for MECKLENBURG COUNTY

Survey Date: July 12, 2011

Exhibit A-1  
 Sheet 1 of 2

- ch. chord
- IPF iron pipe found
- IRF/S iron rebar found/set
- L/R curve length & radius
- MB,DB record map, deed reference
- PKF/PKS PK Nail found/set
- PT computed point
- R/W right of way
- s.f. square feet (by coordinates)
- S.R. secondary road



MATCH LINE

MATCH LINE

(seal)



THIS SURVEY IS CERTIFIED ONLY TO MECKLENBURG COUNTY REAL ESTATE SERVICES: STATE OF NORTH CAROLINA, Mecklenburg County I, ANDREW G. ZOUTEWELLE, do hereby certify that this map was drawn from an actual field survey performed under my supervision; that the precision is 1:15,000; that the angular precision is less than 7.5 seconds per angle; that this map is not intended to meet GS 47-30 recording requirements.

Andrew G. Zoutewelle, L-3098

10-15-2019 Date

NCGS "M 020 AZ MK" N=600,178.54' E=1,418,673.72' (CGF=0.9998572)

to Beatties Ford Rd.

Neck Road

(S.R. 2074-asphalt surface) (60' public R/W per MB 24-672)

TIE LINES TABLE		
NUMBER	DIRECTION	DISTANCE
T1	N 52°10'16" E	632.91'
T2	N 54°12'44" E	636.39'
T3	S 13°15'46" W	5.93'
T4	S 1°23'11" W	395.97'
T5	N 85°17'03" E	221.52'

ABANDONMENT AREA LINE TABLE		
NUMBER	DIRECTION	DISTANCE
L1	S 13°15'46" W	28.76'
L2	N 88°36'39" W	241.98'
L3	N 86°36'51" W	454.16'
L4	N 86°23'12" W	583.58'
L5	S 74°56'08" W	246.11'
L6	S 75°49'35" W	209.07'
L7	S 76°08'09" W	174.84'
L8	S 74°56'08" W	208.16'
L9	S 69°50'52" W	45.36'
L10	N 17°26'15" W	32.65'
L11	N 75°39'33" E	777.55'
L12	N 76°46'56" E	202.93'
L13	S 86°46'09" E	640.20'
L14	S 86°39'00" E	453.37'
L15	S 89°00'36" E	254.27'

ABANDONMENT AREA CURVE TABLE				
NUMBER	RADIUS	ARC LENGTH	CHORD DIRECTION	CHORD LENGTH
C1	950.00'	309.69'	S 84°16'28" W	308.32'
C2	575.00'	158.69'	N 85°19'27" E	158.19'

NOTES

1. Tax Identification Numbers shown hereon as per Mecklenburg County GIS.
2. See previously recorded plats which include the subject area recorded in Map Book 230, Page 18, Map Book 25, Page 50 and Map Book 52, Page 37.
3. Right of way dedication documents for the subject area were not found. This right of way is apparently prescriptive in nature (i.e., "as maintained" by the North Carolina Department of Transportation). Per conversation with Mr. Doug Sossaman, NC DOT, dated May 23, 2011, the right of way width for this section of Neck Road is apparently based on prescriptive road maintenance.

Exhibit A-1 Sheet 2 of 2

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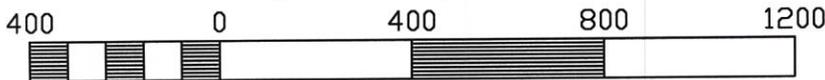
RIGHT-OF-WAY ABANDONMENT SURVEY

Portion of Neck Road

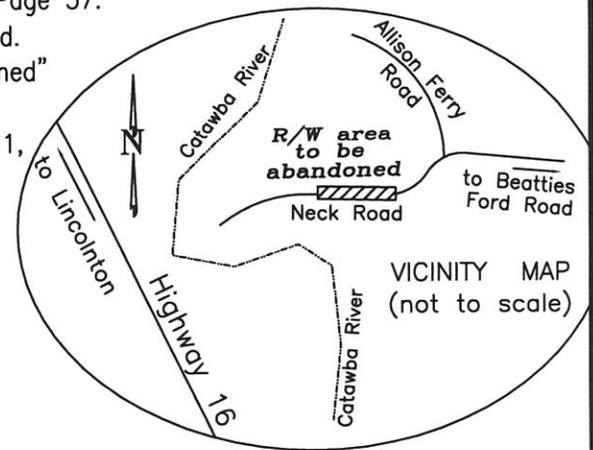
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