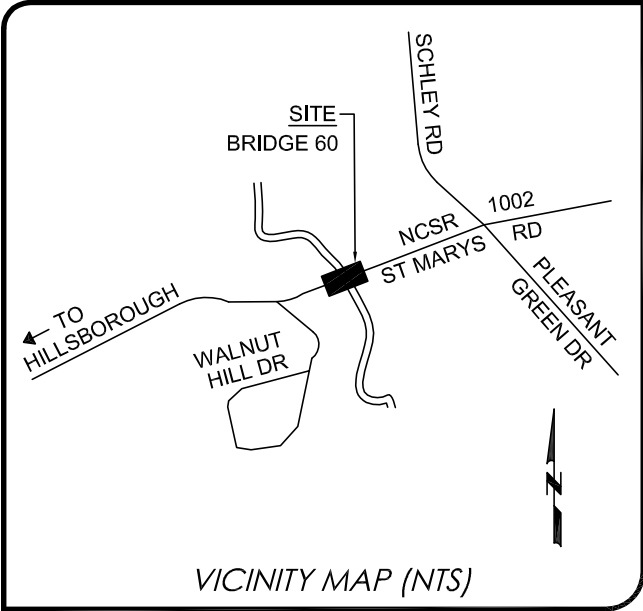




EXISTING BRIDGE AT
ST. MARYS ROAD
(APRIL 16, 2012)



TOTAL JURISDICTIONAL STREAM AREAS			
JURISDICTIONAL STREAM AREAS	ACREAGE (ACRES)	LINEAR FEET	STREAM WIDTH
1	0.10	206.66	9'-25'
TOTAL	0.10	206.66	

SURVEYOR'S CERTIFICATION(S):

SURVEYOR'S DISCLAIMER: NO ATTEMPT WAS MADE TO LOCATE ANY CEMETERIES, WETLANDS, HAZARDOUS MATERIAL SITES, UNDERGROUND UTILITIES OR ANY OTHER FEATURES ABOVE, OR BELOW GROUND OTHER THAN THOSE SHOWN.

I CERTIFY THAT THE SURVEY IS ON ANOTHER CATEGORY (JURISDICTIONAL WETLAND AND STREAM LINES OF DESCRIPTION), SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY, OR OTHER EXCEPTION TO THE DEFINITION OF A SUBDIVISION.

I CERTIFY THAT THIS PLAT DOES NOT MEET G.S. 47-30 AS AMENDED.

I CERTIFY THAT ALL JURISDICTIONAL WETLANDS AND STREAMS WERE FIELD LOCATED BY K2 DESIGN GROUP, PA AFTER BEING MARKED BY ATKINS NORTH CAROLINA, INC.

I, JOHN A. RUDOLPH, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL CLASS C LIS/GIS SURVEY MADE UNDER MY SUPERVISION ON 4/30/12; THAT GPS, WITH A TRIMBLE 6000 SERIES GEO XT HANDHELD WITH A TRIMBLE TEMPEST EXTERNAL ANTENNA WAS USED IN THIS SURVEY; THAT THE METHOD OF ACCURACY EVALUATION WAS CODE AND CARRIER PHASE POST-PROCESSING CORRECTIONS WITH A 95% CERTAINTY (SEE GENERAL NOTE 4); THAT ALL WETLAND BOUNDARY LINES WERE SURVEYED AND ARE CLEARLY INDICATED; THAT THE HORIZONTAL DATUM FOR THIS SURVEY IS NAD '83 (CORS96).

WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 30TH DAY OF APRIL, A.D., 2012.

SEAL OR STAMP

Surveyor L-4194

**"PRELIMINARY PLAT"
NOT FOR RECORDATION,
CONVEYANCES OR SALES**

JURISDICTIONAL BOUNDARY CERTIFICATION:

THIS CERTIFIES THAT THIS COPY OF THIS PLAT ACCURATELY DEPICTS THE BOUNDARY OF THE JURISDICTION OF SECTION 404 OF THE CLEAN WATER ACT WITHIN THE DESIGNATED INSET AREA, AS DETERMINED BY THE UNDERSIGNED ON THIS DATE. OTHER AREAS OF JURISDICTION MAY BE PRESENT ON THE SITE BUT HAVE NOT BEEN DELINEATED. UNLESS THERE IS A CHANGE IN THE LAW OR OUR PUBLISHED REGULATIONS, THIS DETERMINATION OF SECTION 404 JURISDICTION MAY BE RELIED UPON FOR A PERIOD NOT TO EXCEED FIVE YEARS FROM THIS DATE. THIS DETERMINATION WAS MADE UTILIZING THE APPROPRIATE REGIONAL SUPPLEMENT TO THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL.

REGULATORY OFFICIAL _____

TITLE _____

DATE _____

USACE ACTION ID _____

(THE ABOVE U.S.A.C.E. SIGNATURE APPLIES TO THE FOLLOWING SHEETS: SHEET 1, AND SHEET 2)

DEED REFERENCE(S):

BEING A PORTION OF THE FOLLOWING PROPERTIES RECORDED IN THE ORANGE COUNTY REGISTER OF DEEDS:

- D.B. 1587, PG. 34
- D.B. 4798, PG. 258
- D.B. 2135, PG. PG. 309

LEGEND:

- ISS - IRON STAKE SET
- ECM - EXISTING CONCRETE MARKER
- EIP - EXISTING IRON PIPE
- EN - EXISTING NAIL
- NMC - NON-MONUMENTED CORNER
- R/W - RIGHT OF WAY
- UP - UTILITY POLE
- SP - SERVICE POLE
- EOP - EDGE OF PAVEMENT

- — Adjoiner Line
- ▲ — Flag Along Jurisdictional Wetlands and Streams
- — Open Water Pond
- — Non-Monumented Corner (Unless Otherwise Noted)
- — Flagged Jurisdictional Wetland Line
- — Flagged Jurisdictional Stream Line
- ▲ — U.S.A.C.E. Data Point
- U.S.A.C.E. U.S. Army Corps of Engineers
- — — Limits of Delineation

**TOTAL WATERS
OF THE UNITED STATES**

THE TOTAL JURISDICTIONAL STREAM AREA IS 0.10 ACRES± AND IS 206.66 LINEAR FEET BY COORDINATE COMPUTATION

GENERAL NOTES:

- NOTE: NO ABSTRACT TITLE, NOR TITLE COMMITMENT, NOR RESULTS OF TITLE SEARCH WERE FURNISHED TO THE SURVEYOR. ALL DOCUMENTS OF RECORD REVIEWED ARE NOTED HEREON (SEE REFERENCES). THERE MAY EXIST OTHER DOCUMENTS OF RECORD THAT MAY AFFECT THIS SURVEYED PARCEL.
- ALL JURISDICTIONAL WETLAND & JURISDICTIONAL STREAM AREAS DETERMINED AND FLAGGED BY ATKINS NORTH CAROLINA, INC. DURING APRIL 2012.
- A PORTION OF JURISDICTIONAL WETLAND & JURISDICTIONAL STREAM AREAS WERE FIELD LOCATED BY K2 DESIGN GROUP, P.A. AFTER BEING MARKED BY ATKINS NORTH AMERICA, INC. AREAS THAT WERE FIELD LOCATED BY ATKINS NORTH AMERICA, INC. WERE CHECKED AND VERIFIED BY K2 DESIGN GROUP, PA.
- ALL FLAGS WERE LOCATED WITH A TRIMBLE 6000 SERIES GEO XT HANDHELD WITH EXTERNAL ANTENNA, THEN ON A DIFFERENT DAY, SEVERAL POINTS (5 TO 10) WERE RELOCATED AGAIN WITH A TOPCON GMS 110 GPS UNIT USING DIFFERENTIAL CORRECTIONS (DGPS/COAST GUARD BEACONS) TO CONFIRM LOCATIONS.
- ALL HORIZONTAL DISTANCES SHOWN ARE GRID DISTANCES.

FEMA FLOOD STATEMENT:

ALL OF THE AREA REPRESENTED BY THIS PLAT IS LOCATED IN A FLOOD HAZARD BOUNDARY ACCORDING TO FEMA MAP NUMBER(S) 3710989600J, ZONE(S): AE, DATED: FEBRUARY 2, 2007.

ATKINS

1616 East Millbrook Road,
Suite 310,
Raleigh, North Carolina,
27539-4968

SHEET 1 OF 2

WETLAND BOUNDARY

FOR

**NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION**



ST. MARYS ROAD

**BRIDGE LABEL 670060
NEUSE RIVER BASIN**

ENO TOWNSHIP

ORANGE COUNTY

NORTH CAROLINA

DRAWN BY: FGR

DATE: 04/30/12

DWG. NO.: BRIDGE 60

SURVEYED BY: J.A.R.

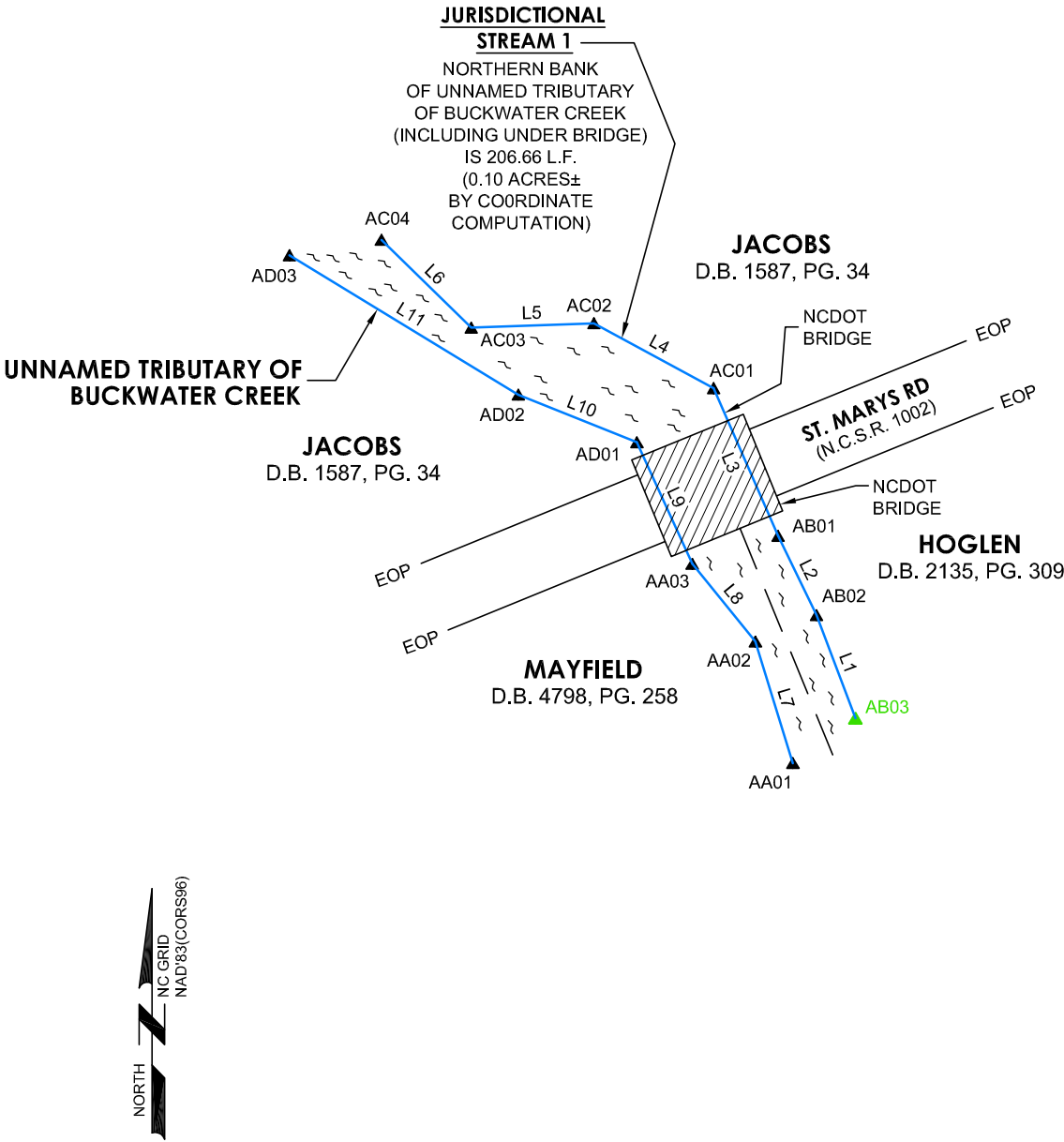


5688 U.S. Hwy. 70 East
Goldsboro, NC 27534
Tel.: (919) 751-0075
Fax: (919) 778-9087
k2design@suddenlink.net
Firm License No. C-2111

COORDINATES ALONG FLAGGED CORNERS OF JURISDICTIONAL STREAMS		
NORTHING	EASTING	FLAG I.D.
858574.1070	1993416.4160	AD01
858587.3100	1993383.4660	AD02
858626.0380	1993319.8920	AD03
858589.1190	1993437.7350	AC01
858607.1610	1993404.4790	AC02
858605.9250	1993370.3810	AC03
858630.3190	1993345.4460	AC04
858540.3530	1993431.7820	AA03
858518.7620	1993449.3240	AA02
858485.0020	1993459.7530	AA01
858497.4500	1993477.0950	AB03 ▲
858526.1260	1993466.3180	AB02
858548.1020	1993455.6360	AB01
858563.4980	1993433.9340	BRIDGE CENTER

NOTE: ALL CORNERS ARE TRUE NORTH CAROLINA STATE PLANE COORDINATES.
ALL DISTANCES ARE GRID DISTANCES

LINE DATA ALONG JURISDICTIONAL STREAM		
LINE	LENGTH	BEARING
L1	30.63'	N20°35'50"W
L2	24.43'	N25°55'24"W
L3	44.75'	N23°34'40"W
L4	37.83'	N61°31'10"W
L5	34.12'	S87°55'26"W
L6	34.88'	N45°37'42"W
L7	35.33'	N17°10'00"W
L8	27.82'	N39°05'34"W
L9	37.09'	N24°28'36"W
L10	35.50'	N68°09'51"W
L11	74.44'	N58°39'04"W



"PRELIMINARY PLAT"
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SHEET 2 OF 2
WETLAND BOUNDARY
FOR
NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION



ST. MARYS ROAD
BRIDGE LABEL 670060
NEUSE RIVER BASIN

