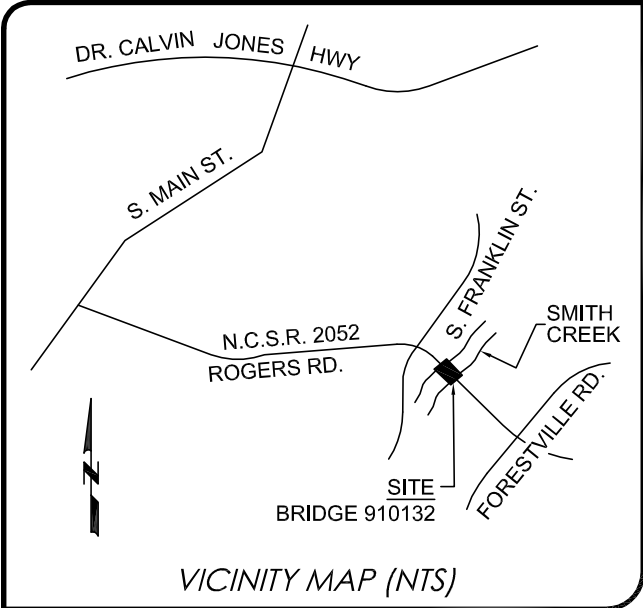




JURISDICTIONAL BOUNDARY CERTIFICATION:

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)

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 JURISDICTIONAL WETLAND AREAS	
JURISDICTIONAL WETLAND AREAS	ACREAGE (ACRES)
1	0.02
2	0.02
TOTAL	0.04

TOTAL OPEN WATER POND AREAS	
JURISDICTIONAL WETLAND AREAS	ACREAGE (ACRES)
1	0.07
TOTAL	0.07

TOTAL JURISDICTIONAL STREAM AREAS			
JURISDICTIONAL STREAM AREAS	ACREAGE (ACRES)	LINEAR FEET	STREAM WIDTH
1	0.010	189.59	22.5'-26'
2	0.004	37.05	4'
TOTAL	0.104	226.64	

EXISTING BRIDGE AT ROGERS ROAD
(APRIL 20, 2012)



TOTAL WATERS OF THE UNITED STATES

THE TOTAL JURISDICTIONAL WETLAND AREA IS 0.04 ACRES± BY COORDINATE COMPUTATION

THE TOTAL JURISDICTIONAL STREAM AREA IS 0.104 ACRES± AND IS 226.64 LINEAR FEET BY COORDINATE COMPUTATION

THE TOTAL OPEN WATER POND AREA IS 0.07 ACRES± 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) 3720174900J, ZONE(S): AE, DATED: MAY 2, 2006.

ATKINS

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

SHEET 1 OF 2

WETLAND BOUNDARY

FOR

**NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION**

ROGERS ROAD

**BRIDGE LABEL 910132
NEUSE RIVER BASIN**

WAKE FOREST TOWNSHIP WAKE COUNTY NORTH CAROLINA



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 4/25/12; 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 7TH DAY OF MAY, A.D., 2012.

SEAL OR STAMP

Surveyor L-4194

This document originally issued and sealed by John A. Rudolph, license number L-4194, on May 07, 2012. This electronic media shall not be considered a certified document. See the project report for certificate and seal.

WETLAND BOUNDARY FOR NCDOT: NOT FOR RECORDATION

DRAWN BY: FGR

DATE: 05/07/12

DWG. NO.: BRIDGE 910132

SURVEYED BY: J.A.R.

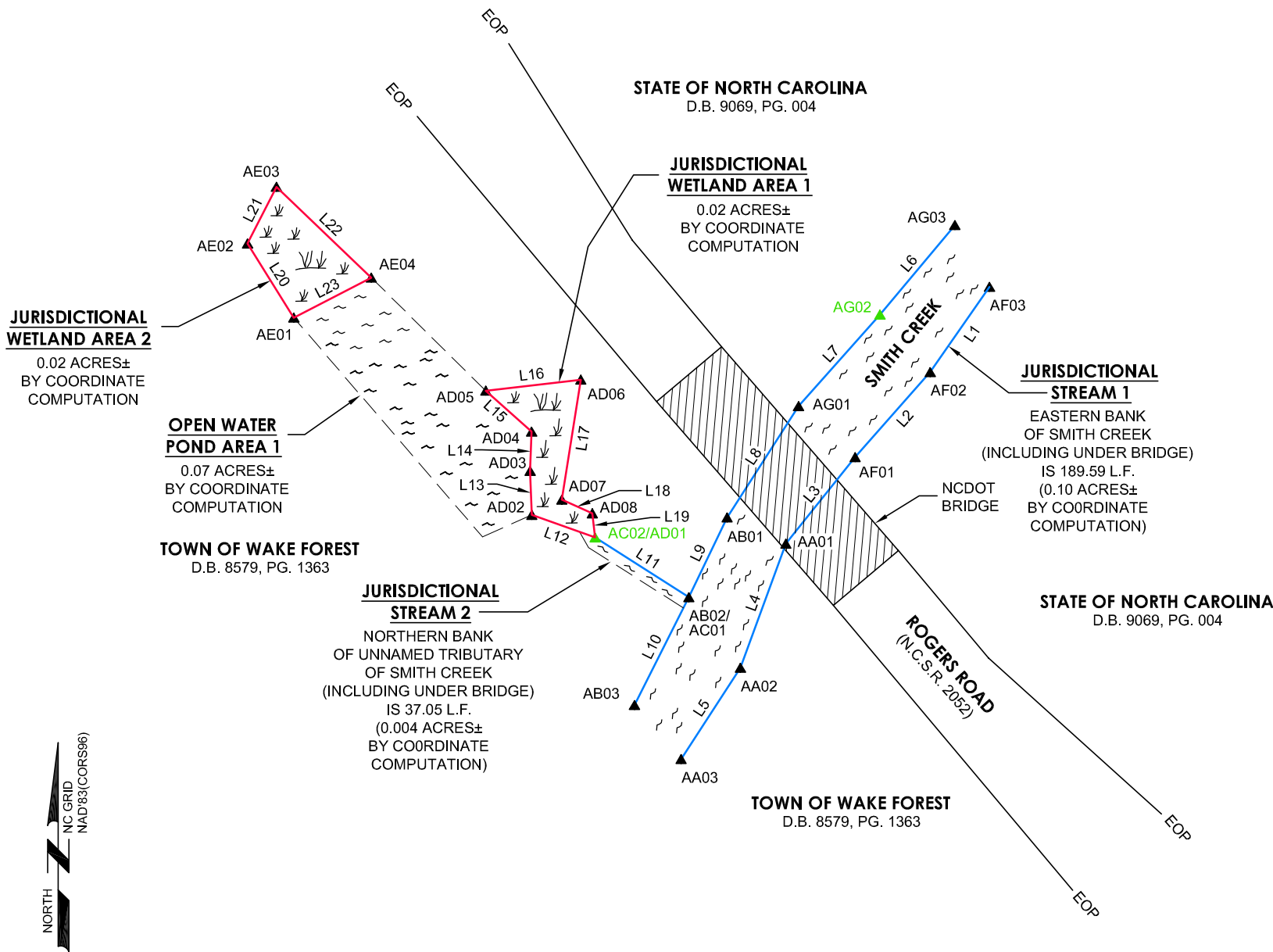


5688 U.S. Hwy. 70 East
Goldsboro, NC 27534
Tel.: (919) 751-0075
Fax: (919) 778-9087
k2design@suddenlink.net
Firm License No. C-2111

COORDINATES ALONG FLAGGED CORNERS OF JURISDICTIONAL STREAMS AND WETLANDS		
NORTHING	EASTING	FLAG I.D.
800773.4750	2145483.8630	AF01
800801.8260	2145508.8950	AF02
800830.1770	2145528.6260	AF03
800790.4940	2145465.0010	AG01
800820.9520	2145492.1330	AG02 ▲
800850.7720	2145517.0810	AG03
800744.6550	2145460.7740	AA01
800703.2900	2145445.6350	AA02
800672.8870	2145425.8830	AA03
800753.3830	2145441.1940	AB01
800726.8370	2145428.4560	AB02
800690.9050	2145410.3500	AB03
800746.7610	2145397.2240	AC02 ▲
800754.2670	2145376.1110	AD02
800768.8660	2145375.5750	AD03
800781.9840	2145376.0690	AD04
800795.6100	2145360.7830	AD05
800799.2940	2145392.4520	AD06
800759.3250	2145386.1230	AD07
800754.7680	2145396.3020	AD08
800819.9620	2145296.8320	AE01
800844.6480	2145281.4070	AE02
800863.5250	2145291.0160	AE03
800833.2830	2145322.6410	AE04
800765.1859	2145461.6796	BRIDGE CENTER

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

LINE DATA ALONG JURISDICTIONAL WETLANDS AND STREAMS		
LINE	LENGTH	BEARING
L1	34.54'	S34°50'10"W
L2	37.82'	S41°26'32"W
L3	36.93'	S38°41'59"W
L4	44.05'	S20°06'07"W
L5	36.26'	S33°00'38"W
L6	38.88'	S39°54'59"W
L7	40.79'	S41°41'41"W
L8	44.09'	S32°40'50"W
L9	29.44'	S25°38'02"W
L10	40.24'	S26°44'36"W
L11	37.05'	N57°27'53"W
L12	22.41'	N70°25'44"W
L13	14.61'	N02°06'10"W
L14	13.13'	N02°09'24"E
L15	20.48'	N48°17'10"W
L16	31.88'	N83°21'53"E
L17	40.47'	S08°59'53"W
L18	11.15'	S65°52'57"E
L19	8.06'	S06°34'07"E
L20	29.11'	N31°59'57"W
L21	21.18'	N26°58'39"E
L22	43.76'	S46°16'50"E
L23	29.04'	S62°42'00"W



SHEET 2 OF 2

WETLAND BOUNDARY

FOR



NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

ROGERS ROAD

BRIDGE LABEL 910132
NEUSE RIVER BASIN

