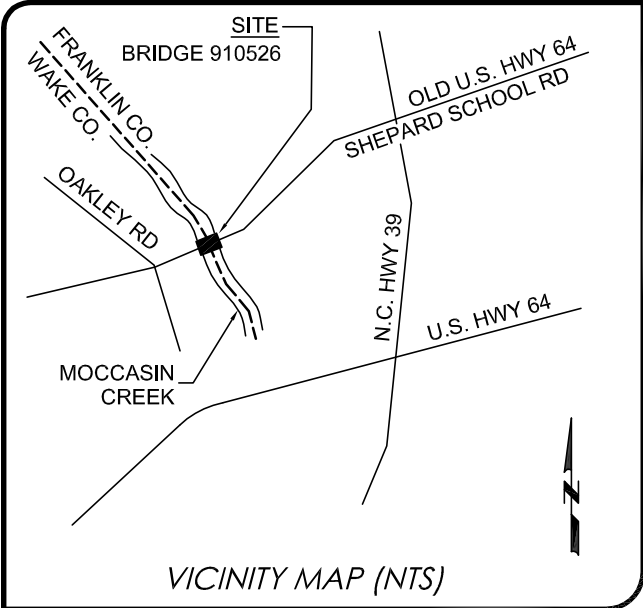




JURISDICTIONAL BOUNDARY CERTIFICATION:

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 WAKE COUNTY REGISTER OF DEEDS:

- D.B. 6978, PG. 926

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

- D.B. 1370, PG. 280

- D.B. 840, PG. 409

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	0.05
2	0.17
3	0.19
4	0.02
TOTAL	0.43

TOTAL JURISDICTIONAL STREAM AREAS			
JURISDICTIONAL STREAM AREAS	ACREAGE (ACRES)	LINEAR FEET	STREAM WIDTH
1	0.28	175.75	46.5'-76'
TOTAL	0.28	175.75	

EXISTING BRIDGE AT
SHEPARD SCHOOL ROAD
(APRIL 20, 2012)



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 910526

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

TOTAL WATERS
OF THE UNITED STATES

THE TOTAL JURISDICTIONAL WETLAND AREA IS 0.43 ACRES± BY COORDINATE COMPUTATION

THE TOTAL JURISDICTIONAL STREAM AREA IS 0.28 ACRES± AND IS 175.75 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) 3720271700K, 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



SHEPARD SCHOOL ROAD

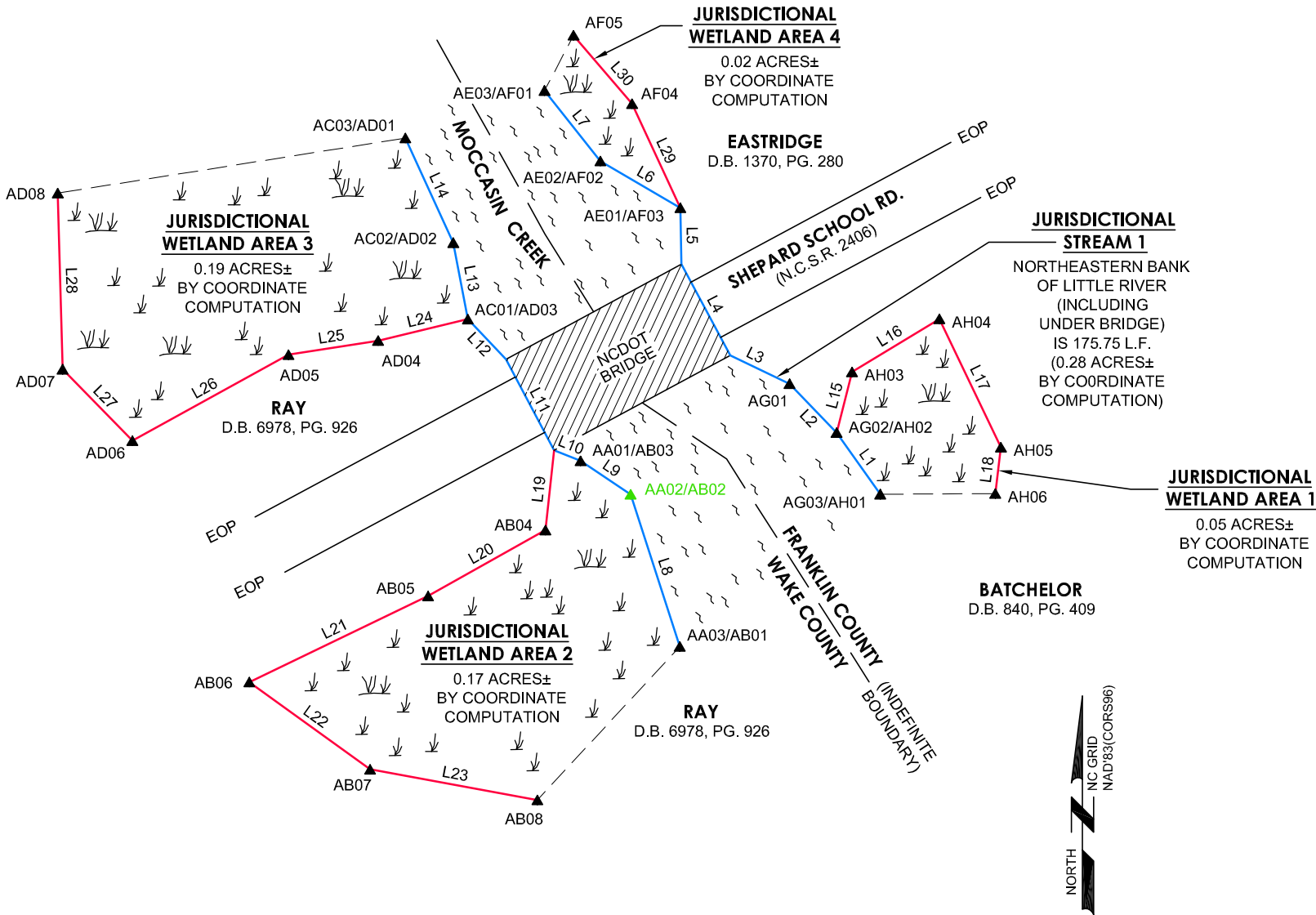
BRIDGE LABEL 910526
NEUSE RIVER BASIN

LITTLE RIVER TOWNSHIP WAKE COUNTY NORTH CAROLINA
DUNN TOWNSHIP FRANKLIN COUNTY NORTH CAROLINA

LINE DATA ALONG JURISDICTIONAL STREAMS AND WETLANDS		
LINE	LENGTH	BEARING
L1	24.04'	N35°18'47"W
L2	21.64'	N43°56'11"W
L3	20.95'	N64°18'56"W
L4	32.97'	N28°16'14"W
L5	17.93'	N00°54'07"W
L6	29.56'	N59°39'56"W
L7	28.66'	N38°21'49"W
L8	50.98'	N17°54'36"W
L9	19.17'	N56°10'35"W
L10	9.08'	N68°07'06"W
L11	32.82'	N27°54'08"W
L12	17.64'	N43°37'56"W
L13	24.80'	N10°44'06"W
L14	36.68'	N24°35'44"W
L15	19.96'	N14°12'15"E
L16	32.57'	N58°45'14"E
L17	45.38'	S25°38'46"E
L18	14.88'	S06°57'47"W
L19	25.61'	S06°14'40"W
L20	42.87'	S60°41'50"W
L21	63.25'	S64°16'47"W
L22	47.46'	S54°08'49"E
L23	54.23'	S79°36'25"E
L24	29.40'	S76°31'31"W
L25	28.90'	S81°05'29"W
L26	56.80'	S61°09'50"W
L27	31.84'	N44°21'45"W
L28	56.15'	N01°33'12"W
L29	36.59'	N24°53'29"W
L30	28.69'	N40°32'57"W

COORDINATES ALONG FLAGGED CORNERS OF JURISDICTIONAL STREAMS AND WETLANDS		
NORTHING	EASTING	FLAG I.D.
772741.8590	2212821.2410	AA01=AB03
772731.1860	2212837.1700	AA02=AB02 ▲
772682.6810	2212852.8460	AA03=AB01
772787.0170	2212785.2820	AC01=AD03
772811.3860	2212780.6620	AC02=AD02
772844.7390	2212765.3950	AC03=AD01
772822.4780	2212853.0550	AE01=AF03
772837.4090	2212827.5390	AE02=AF02
772859.8800	2212809.7520	AE03=AF01
772766.4340	2212887.8370	AG01
772750.8530	2212902.8500	AG02=AH02
772731.2350	2212916.7470	AG03=AH01
772719.7840	2212810.0270	AB04
772698.8010	2212772.6400	AB05
772671.3520	2212715.6570	AB06
772643.5560	2212754.1220	AB07
772633.7730	2212807.4620	AB08
772780.1660	2212756.6900	AD04
772775.6900	2212728.1350	AD05
772748.2940	2212678.3760	AD06
772771.0590	2212656.1120	AD07
772827.1860	2212654.5900	AD08
772855.6720	2212837.6530	AF04
772877.4740	2212819.0000	AF05
772787.0990	2212935.5930	AH04
772746.1940	2212955.2320	AH05
772731.4230	2212953.4280	AH06
772776.7560	2212836.9050	BRIDGE CENTER

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



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WETLAND BOUNDARY FOR NCDOT: NOT FOR RECORDATION

SHEET 2 OF 2

WETLAND BOUNDARY

FOR

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

SHEPARD SCHOOL ROAD

BRIDGE LABEL 910526
NEUSE RIVER BASIN

LITTLE RIVER TOWNSHIP

WAKE COUNTY

NORTH CAROLINA

DUNN TOWNSHIP

FRANKLIN COUNTY

NORTH CAROLINA

50

25

0

50

100

150

GRAPHIC SCALE 1" = 50'