960143

OFFICE ESTIMATE

1@ 30, 1@ 45, 1@ 30' Bridge

Project# _____

TIP# _____

Let Date _____

PREDESIGN-PRESURVEY REPORT WBS# 17BP.11.B.75 ✓

Bridge# 960143 ✓

County WILKES (DIV 11) ✓ Road# SR1737 (LONGBOTTOM RD)

Stream BIG SANDY CRK. ✓

Type Of Request: POC Force Account TIP NCMA

Date 7/16/13 Name MJY Assigned To RLH ✓

Checked By M. G. S. 7/22/13 RECOM: D-9x7

Prior Survey Date _____ (attach copy of prior survey) BRN BK: DATE: 7-66 6.7620029 CO. FILE NO ✓

Study By Scour Section NO ✓

Flood Zone AE ✓ Detail Study LIMITED Date 3/02/09 Panel# 3984 ✓

B.M. Info _____

Quad Map TRAPHILL ✓ Drainage Area 5.6 SQ. MI. ✓ From USGS STREAM STATS

Q25 1400 cfs ✓ Q50 1700 cfs ✓ Q100 2000 cfs ✓ Method REGR. EQNS / REG. 2 ✓

EXISTING BRIDGE INFORMATION

Location 0.2 MI. NW. JCT. SR1741 ✓

Average Daily Traffic 740 6% TRK (2008)

Length 76' ✓ Bed- To Crown 10' ✓ Water Depth 1' ✓

Type Structure PRESTRESSED CONC. CHANNELS; PPC CAPS / TIM. POST & CONC. SILLS ✓

Type Spans 1@ 25'-4"; 1@ 25'; 1@ 25'-4" ✓

Upstream Structure 960142 ✓ 1 @ 32'-0" ✓

Location 0.9 MI. N. JCT. SR1737 ✓

Bed- To Crown 9' (D=2') ✓ Prior Survey _____

Downstream Structure N.A. - MERGES INTO EAST PRONG ROARING RIVER ✓

Location _____

Bed- To Crown _____ Prior Survey _____

SCS Watershed _____

ENVIRONMENTAL TVA NO

Trout Stream YES ✓ Anadromous Fish NO Primary Nursery Area NO

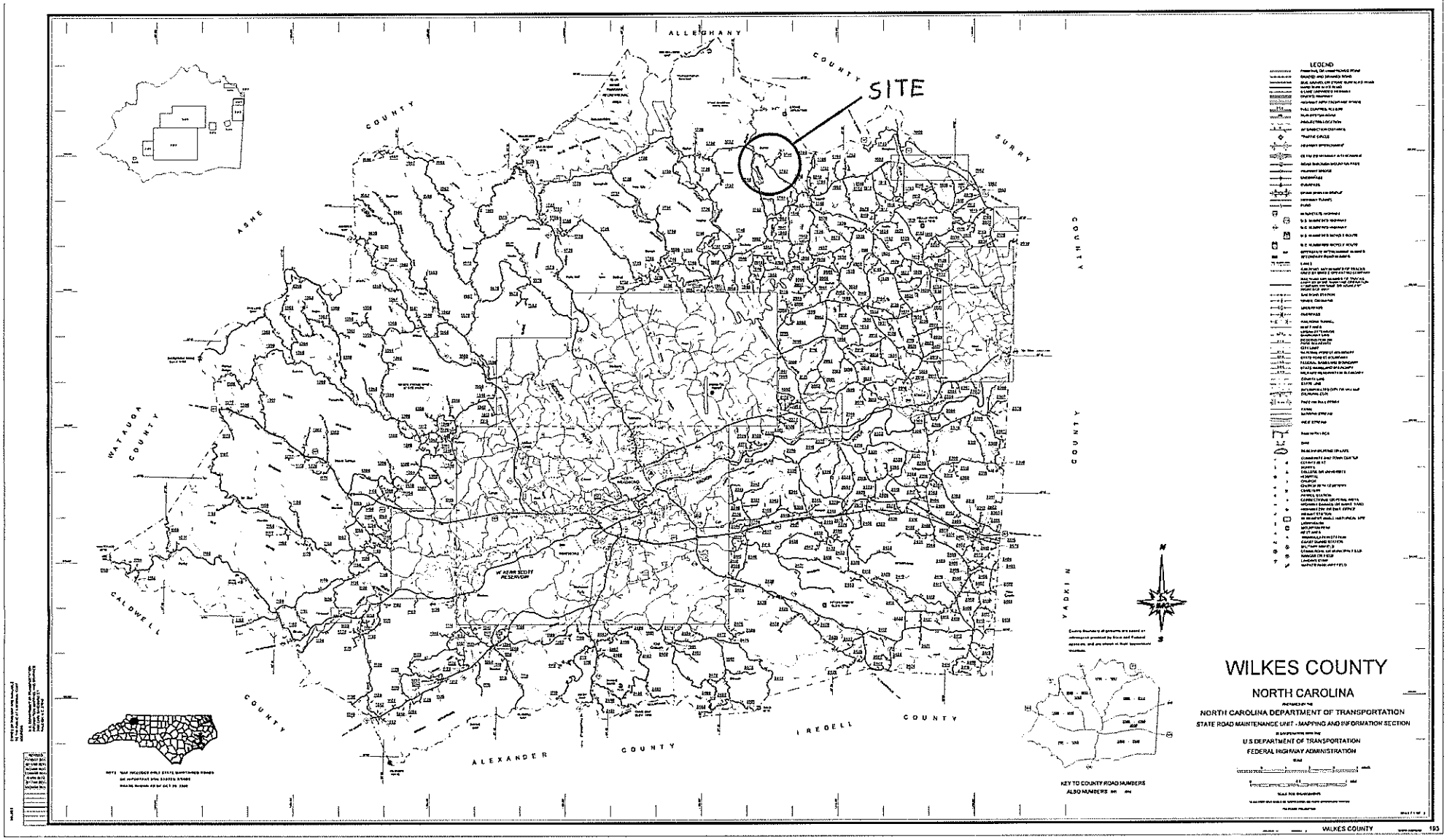
High Quality Waters YES ✓ Nutrient Sensitive Waters NO ✓

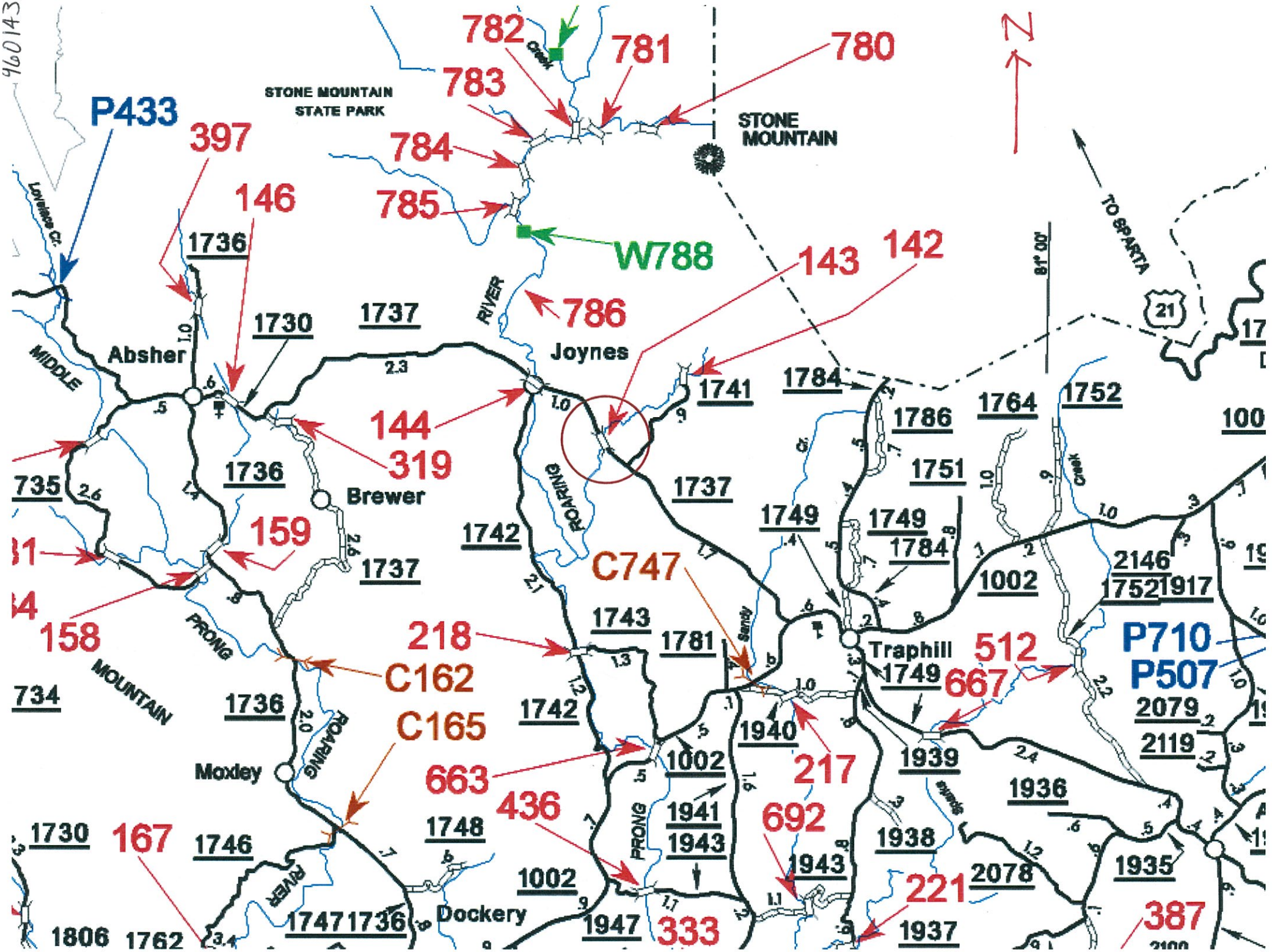
Near Water Supply Intake NO ✓ CAMA County NO

Stream Classification C; Tr, HQW ✓ 12-46-4-8-(2) ✓

DENR River Basin Info. YADKIN ✓

960143


SITE
ALLEGHANY COUNTY
ASHE COUNTY
SURRY COUNTY
WATAUGA COUNTY
YADKIN COUNTY
CALDWELL COUNTY
WARREN SCOTT RESERVOIR
IREDELL COUNTY
ALEXANDER COUNTY
LEGEND
WILKES COUNTY
NORTH CAROLINA
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
STATE ROAD MAINTENANCE UNIT - MAPPING AND INFORMATION SECTION
U.S DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
KEY TO COUNTY ROAD NUMBERS
ALSO NUMBERS
WILKES COUNTY


960143
STONE MOUNTAIN STATE PARK
STONE MOUNTAIN
TO SPARTA
N
782
781
780
783
784
785
W788
786
143
142
144
319
146
397
P433
159
158
218
C747
C162
C165
663
436
217
692
667
512
P710
P507
167
333
221
387
Absher
Brewer
Joynes
Moxley
Dockery
Traphill
MIDDLE PRONG
ROARING RIVER
MOUNTAIN PRONG
ROARING RIVER
PRONG
Sandy Creek
Lovelace Cr.
735
734
1736
1737
1730
1741
1742
1743
1781
1784
1786
1764
1752
1751
1749
1002
2146
1752
1917
2079
2119
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1935
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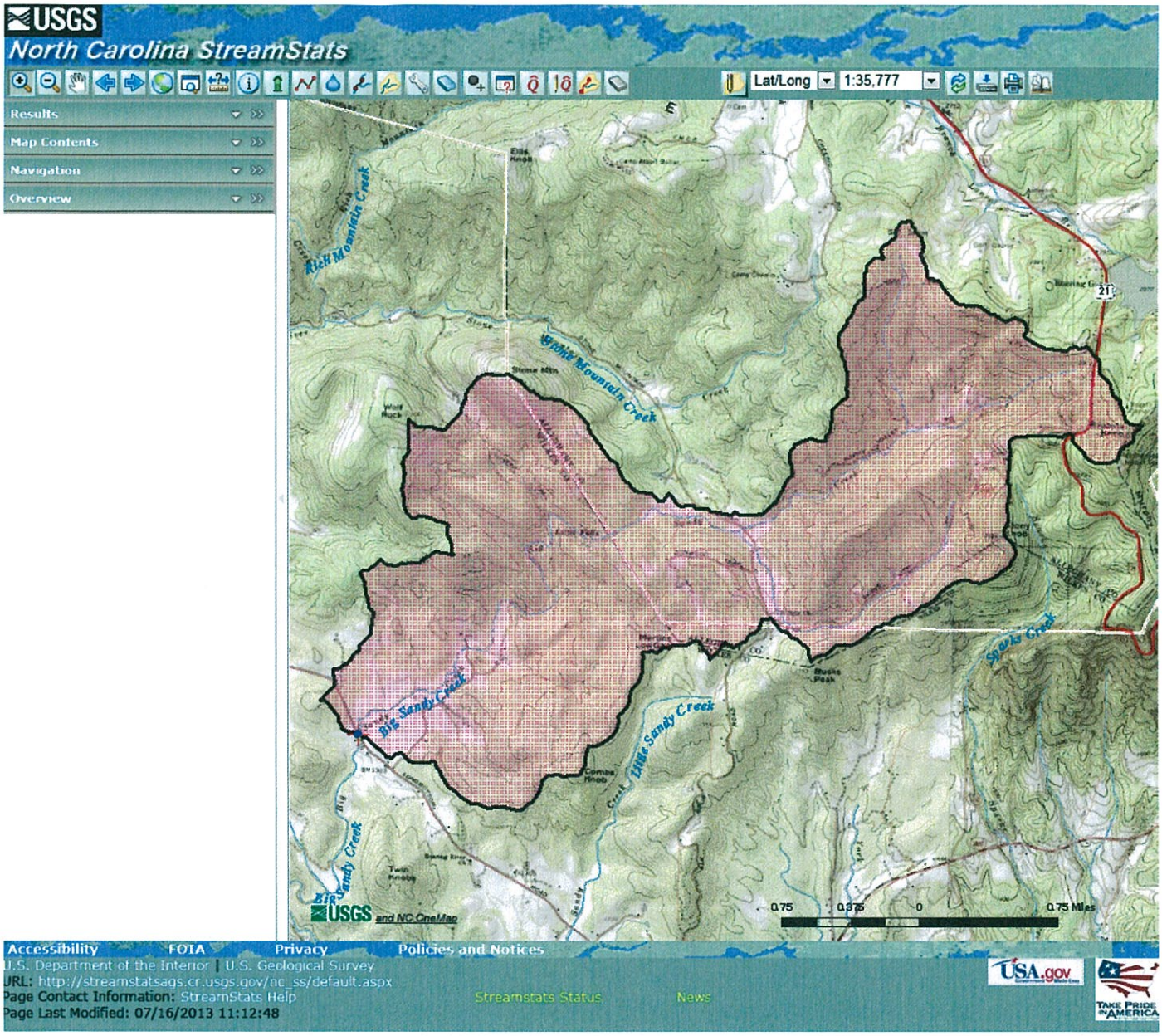
1762
1806
1937

960143


USGS
North Carolina StreamStats
Lat/Long
1:35,777
Results
Map Contents
Navigation
Overview
Rich Mountain Creek
Stone Mountain Creek
Big Sandy Creek
Little Sandy Creek
Sparks Creek
Elk Knob
Stone Mtn
Buck Peak
Combs Knob
0.75
0.375
0
0.75 Miles
USGS and NC OneMap
Accessibility
FOIA
Privacy
Policies and Notices
U.S. Department of the Interior | U.S. Geological Survey
URL: http://streamstatsags.cr.usgs.gov/nc_ss/default.aspx
Page Contact Information: StreamStats Help
Page Last Modified: 07/16/2013 11:12:48
Streamstats Status
News
USA.gov
TAKE PRIDE IN AMERICA

 460143

USGS
North Carolina StreamStats

Streamstats Ungaged Site Report

Date: Tue Jul 16 2013 09:30:31 Mountain Daylight Time
Site Location: North_Carolina
NAD27 Latitude: 36.3650 (36 21 54)
NAD27 Longitude: -81.0576 (-81 03 27)
NAD83 Latitude: 36.3652 (36 21 55)
NAD83 Longitude: -81.0574 (-81 03 27)
Drainage Area: 5.55 mi2
Percent Urban: 5.5 %
Percent Impervious: 0.3 %

Peak Flows Region Grid Basin Characteristics			
100% Peak Southeast US 2009 5158 (5.55 mi2)			
Parameter	Value	Regression Equation Valid Range	
		Min	Max
Drainage Area (square miles)	5.55	1	9000
Percent Area in Region 1 (percent)	12.171	0	100
Percent Area in Region 2 (percent)	87.829	0	100
Percent Area in Region 3 (percent)	0.000	0	100
Percent Area in Region 4 (percent)	0.000	0	100
Percent Area in Region 5 (percent)	0.000	0	100

Urban Flows Region Grid Basin Characteristics			
100% Peak urban Blue Ridge-Piedmont FS007-00 (5.55 mi2)			
Parameter	Value	Regression Equation Valid Range	
		Min	Max
Drainage Area (square miles)	5.55	0.04	41
Area of Impervious Surfaces (percent)	0.34 (below min value 2)	2	54.6

Warning: Some parameters are outside the suggested range. Estimates will be extrapolations with unknown errors.

Peak Flows Region Grid Streamflow Statistics					
Statistic	Flow (ft^3/s)	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum
PK2	424	35		243	741
PK5	767	34		442	1330
PK10	1030	35		585	1820
PK25	1390	38		761	2550
PK50	1660	40		879	3140
PK100	1980	42		1010	3870
PK200	2250	44		1110	4570
PK500	2680	48		1260	5730

Urban Flows Region Grid Streamflow Statistics					
Statistic	Flow (ft^3/s)	Standard Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum
PK2U	56.4				
PK5U	137				
PK10U	215				
PK25U	406				
PK50U	542				
PK100U	702				

960143

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION TEMP REPAIR

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY WILKES BRIDGE NUMBER 960143 INSPECTION CYCLE 2 YRS

ROUTE SR1737 ACROSS CREEK M.P. 0

LOCATION .2 MI.NW.JCT.SR1741

SUPERSTRUCTURE PRESTRESSED CONCRETE CHANNELS

SUBSTRUCTURE E.BTS&INT.BTS:PPC CAPS/TIM.POST&CONC.SILLS @ 5'-9 CENTERS

SPANS 1 @ 25'-4;1 @ 25';1 @ 25'-4

LONGITUDE 81° 3' 20.7" LATITUDE 36° 22' 3.2"

PRESENT CONDITION FAIR INVENTORY RATING

INSPECTION DATE 01/21/2011 OPERATING RATING

PRESENT POSTING SV 31 TTST 35 PROPOSED POSTING

COMPUTER UPDATE ANALYSIS DATE

POSTING LETTER DATE SUFFICIENCY RATING

OTHER SIGNS PRESENT 4 DELIN.

LOOKING EAST

SIGN NOTICE ISSUED FOR		NUMBERED REQUIRED
No	WEIGHT LIMIT	
No	DELINEATORS	
No	NARROW BRIDGE	
No	ONE LANE BRIDGE	
No	LOW CLEARANCE	

960143

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 02/22/2011

COUNTY :	DIV :	DIST :	STRUCTURE NUMBER :	LENGTH :
WILKES	11	3	960143	76 FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1737	CREEK

LOCATED :	BRIDGE NAME :	CITY :
.2 MI.NW.JCT.SR1741		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	740 2008	LT 233 RT 233

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1967	BMU			H 10

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :
			TAN	90	ON 2 UNDER

NAVIGATION :	HT. CRN. TO BED :	WATER DEPTH :
VC 0.0 FT HC 0.0 FT	10 FT	1 FT

SUPERSTRUCTURE : PRESTRESSED CONCRETE CHANNELS

SUBSTRUCTURE : E.BTS&INT.BTS:PPC CAPS/TIM.POST&CONC.SILLS @ 5'-9 CENTERS

SPANS : 1 @ 25'-4;1 @ 25';1 @ 25'-4

BEAMS OR GIRDERS : 10 PRESTRESSED CONCRETE CHANNEL SECTIONS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
PPC.CH/3 AWS		25.3 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
24.0 FT	24.8 FT	LT 0.4 FT RT 0.4 FT

VERT.CL.OVER :	VERT.CL.UNDER :	HOR.CL.UNDER :
99 FT 99 IN	00 FT 00 IN	0.0 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :
HS-1	HS-1	PileBearing	SV 31 TTST 35 DATE 09/26/2008

SYSTEM :	GREEN LINE ROUTE :
Secondary S.R. Route	N

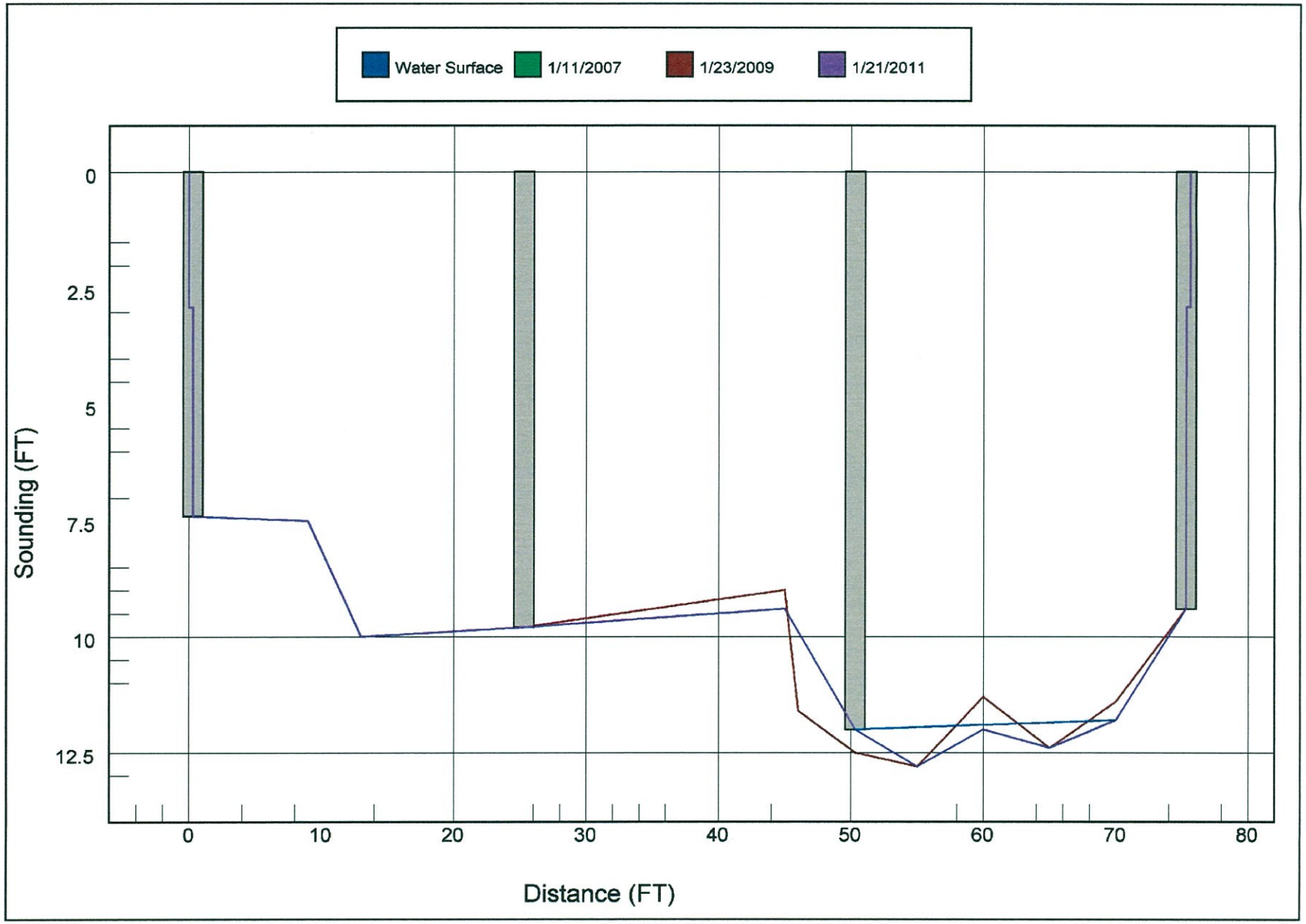
2ND OPENING :	3RD OPENING :	4TH OPENING :	5TH OPENING :

REMARKS :

Bridge: 960143 County WILKES Date: 01/21/2011

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



960143

960143

Structure 960143 County WILKES Date: 01/21/2011 Structure Photos

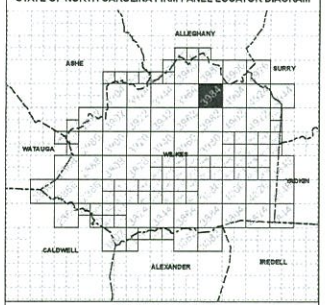
LOOKING DOWNSTREAM

LOOKING UPSTREAM

960145

SITE

STATE OF NORTH CAROLINA FIRM PANEL LOCATOR DIAGRAM



DATUM INFORMATION

The projection used in the preparation of this map was the North Carolina State Plane (FIPSZONE 3200). The horizontal datum was the North American Datum of 1983, GRS80 ellipsoid. Differences in datum, ellipsoid, projection, or Universal Transverse Mercator zones used in the production of FIRMS for adjacent jurisdictions may result in slight positional differences in map features across jurisdictional boundaries. These differences do not affect the accuracy of this FIRM. All coordinates on this map are in U.S. Survey Feet, where
1 U.S. Survey Foot = 1200/3937 Meters.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988 (NAVD 88). These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. An average offset between NAVD 88 and the National Geodetic Vertical Datum of 1929 (NGVD 29) has been computed for each North Carolina county. This offset was then applied to the NGVD 29 flood elevations that were not revised during the creation of this statewide format FIRM. The offsets for each county shown on this FIRM panel are shown in the vertical datum offset table below. Where a county boundary and a flooding source with unrevised NGVD 29 flood elevations are coincident, an individual offset has been calculated and applied during the creation of this statewide format FIRM. See Section 4.1 of the accompanying Flood Insurance Study report to obtain further information on the conversion of elevations between NAVD 88 and NGVD 29. To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the North Carolina Geodetic Survey at the address shown below. You may also contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at http://www.ngs.noaa.gov.

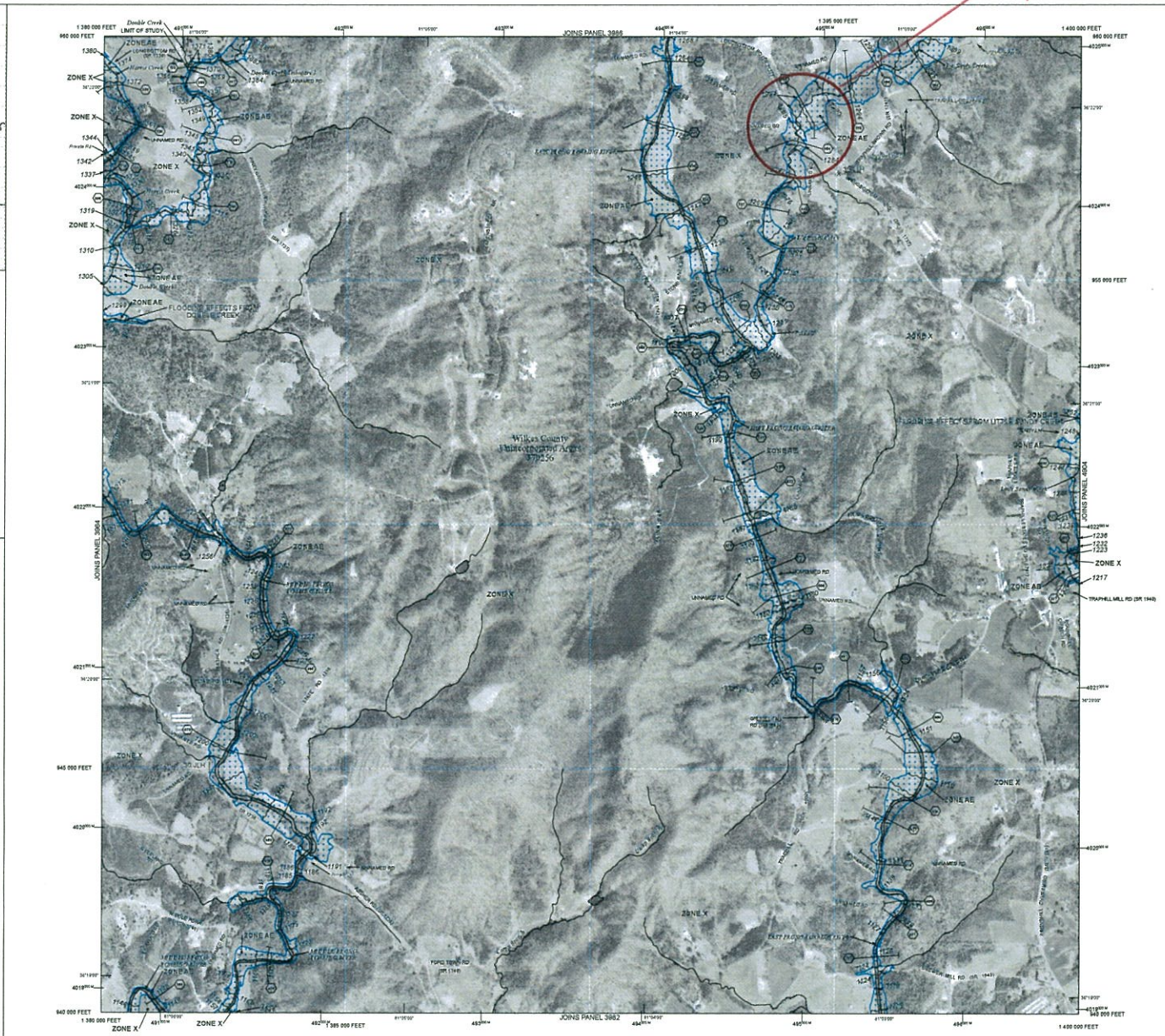
North Carolina Geodetic Survey
121 West Jones Street
Raleigh, NC 27601
(919) 733-3836
http://www.ncgs.state.nc.us

County Average Vertical Datum Offset Table

County	Vertical Datum Offset (ft)
WILKES	-0.23

Example: NAVD 88 = NGVD 29 + (-0.48)

All streams listed in the Flood Hazard Data Table below were studied by detailed methods using field survey. Other flood hazard data shown on this map may have been derived using either a coastal analysis or limited detailed Riverine analysis. More information on the flooding sources studied by these analyses is contained in the Flood Insurance Study report.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A — No Base Flood Elevation determined.
- ZONE AE — Base Flood Elevations determined.
- ZONE AH — Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR — Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99 — Areas to be protected from 1% annual chance flood by a federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE VE — Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- ZONE X — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- ZONE X — Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D — Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

- Cross section line
- Transect line
- 87°07'30", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 4279 — 2000-meter Universal Transverse Mercator grid ticks, zone 17
- 1 477 500 FEET — 5000-foot grid values: North Carolina State Plane coordinate system (FIPSZONE 3200, State Plane NAD 83 feet)
- BM5510 — North Carolina Geodetic Survey bench mark (for more information visit http://www.ncgs.state.nc.us)
- BM5510 — National Geodetic Survey bench mark (for more information visit http://www.ngs.noaa.gov)
- BM5510 — NGS-68 GPS 2-5 cm Vertical Control Marks or Contracts-Established NCFMP Bench Marks (for more information visit http://www.ncgs.state.nc.us)
- M1.5 — River Mile

GRID NORTH
MAP SCALE 1" = 1,000' (1 : 12,000)
800 0 800 1,600 2,400 FEET
200 0 200 400 METERS

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles, Floodway Data, Limited Detailed Flood Hazard Data, and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Boundaries of regulatory floodways shown on the FIRM for flooding sources studied by detailed methods were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data for flooding sources studied by detailed methods as well as non-encroachment widths for flooding sources studied by limited detailed methods are provided in the Flood Insurance Study (FIS) report for this jurisdiction. The FIS report also provides instructions for determining a floodway using non-encroachment widths for flooding sources studied by limited detailed methods.

FEMA recommends that a Flood Insurance Policy be purchased for structures in areas where levees are shown as providing protection from the 1% annual chance flood. Flooding is not covered by standard property/fire/dwelling insurance policies nor is it covered by Homeowners Insurance, Renters Insurance, Condominium Owners Insurance, or Commercial Property Insurance. Contact your insurance agent and local floodplain administrator for further information. Visit http://www.fema.gov/pdf/fhm/frm_qnah.pdf for information on levees and the risk of flooding in areas shown as being protected by levees.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 4.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

Base map information and geospatial data used to develop this FIRM were obtained from various organizations, including the participating local community(ies), state and federal agencies, and/or other sources. The primary base for this FIRM is aerial imagery acquired by Wilkes County. The time period of collection for the imagery is 2003. Information and geospatial data supplied by the local community(ies) that met FEMA base map specifications were considered the preferred source for development of the base map. See geospatial metadata for the associated digital FIRM for additional information about base map preparation.

Base map features shown on this map, such as corporate limits, are based on the most up-to-date data available at the time of publication. Changes in the corporate limits may have occurred since this map was published. Map users should consult the appropriate community official or website to verify current conditions of jurisdictional boundaries and base map features. This map may contain roads that were not considered in the hydraulic analysis of streams where no new hydraulic model was created during the production of this statewide format FIRM.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

If you have questions about this map, or questions concerning the National Flood Insurance Program in general, please call 1 – 877 – FEMA MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov.

An accompanying Flood Insurance Study report, Letter of Map Revision (LOMR) or Letter of Map Amendment (LOMA) revising portions of this panel, and digital versions of this FIRM may be available. Visit the North Carolina Floodplain Mapping Program website at http://www.ncfloodmaps.com, or contact the FEMA Map Service Center at 1-800-358-9616 for information on all related products associated with this FIRM. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://www.msc.fema.gov.

MAP REPOSITORY
Refer to Listing of Map Repositories on Map Index or visit http://www.ncfloodmaps.com.

EFFECTIVE DATE OF FLOOD INSURANCE RATE MAP PANEL
MARCH 2, 2009

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to statewide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent, the North Carolina Division of Emergency Management or the National Flood Insurance Program at the following phone numbers or websites:

NC Division of Emergency Management (919) 715-8000 http://www.ncdcmemacontingency.info
National Flood Insurance Program 1-800-638-6620 http://www.fema.gov/business/nfip/

This digital Flood Insurance Rate Map (FIRM) was produced through a unique cooperative partnership between the State of North Carolina and the Federal Emergency Management Agency (FEMA). The State of North Carolina has implemented a long term approach of floodplain management to decrease the costs associated with flooding. This is demonstrated by the State's commitment to map floodplain areas at the local level. As a part of this effort, the state of North Carolina has joined in a Cooperating Technical State agreement with FEMA to produce and maintain this digital FIRM.

www.ncfloodmaps.com

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 3984J

FIRM
FLOOD INSURANCE RATE MAP
NORTH CAROLINA

PANEL 3984

(SEE LOCATOR DIAGRAM OR MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

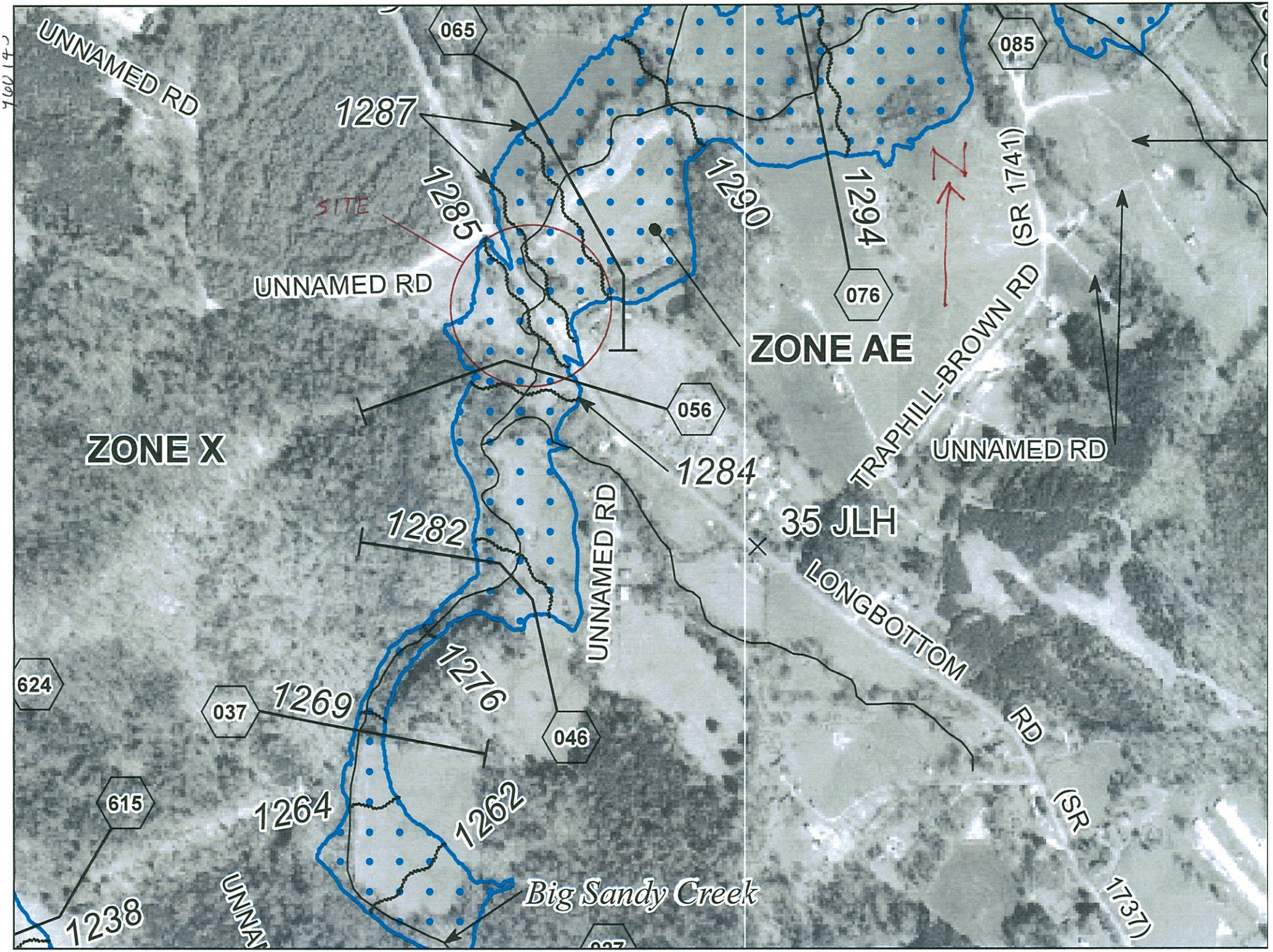
COMMUNITY	CID No.	PANEL	SUFFIX
WILKES COUNTY	370254	3984	J

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

EFFECTIVE DATE
MARCH 2, 2009

MAP NUMBER
3710398400J

State of North Carolina
Federal Emergency Management Agency

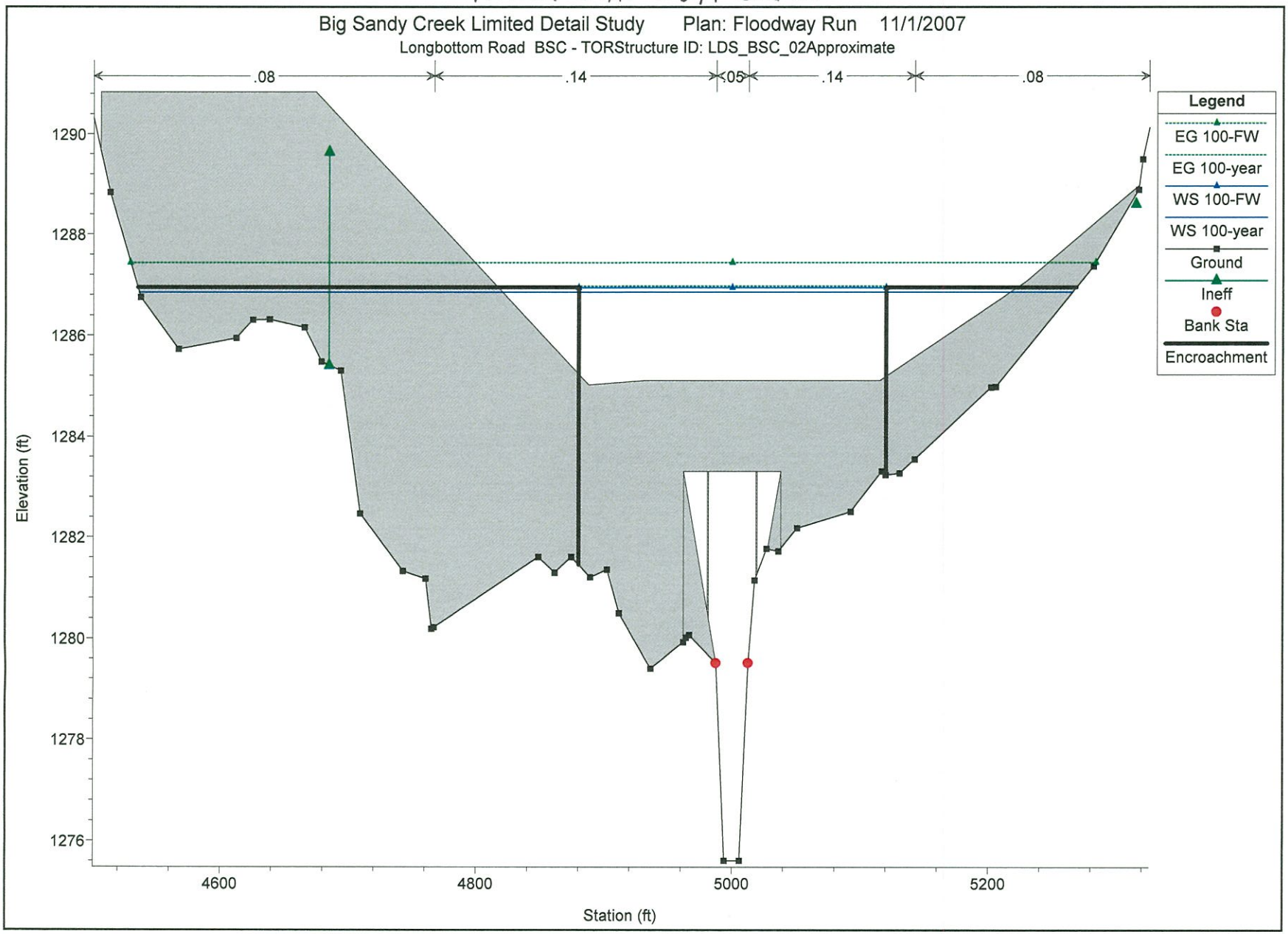

UNNAMED RD
065
1287
1285
SITE
UNNAMED RD
1290
1294
085
076
ZONE AE
TRAPHILL-BROWN RD (SR 1741)
UNNAMED RD
056
ZONE X
1284
35 JLH
1282
UNNAMED RD
LONGBOTTOM RD (SR 1737)
624
037
1269
1276
046
615
1264
1262
1238
Big Sandy Creek

960143

Table 11—Limited Detailed Flood Hazard Data

Cross Section[1]	Stream Station[2]	Flood Discharge *(cfs)*	1% Annual Chance Water-Surface Elevation *(feet NAVD 88)*	Non-Encroachment Width[3] *(feet)*
BIG BUGABOO CREEK TRIBUTARY 1				
010	1,000	780	1,192.8	44 / 7
013	1,250	780	1,194.3	22 / 4
015	1,500	780	1,199.2	37 / 7
018	1,750	780	1,203.2	34 / 7
020	2,000	730	1,206.7	58 / 7
BIG SANDY CREEK				
001	81	4,824	1,226.4[4]	25 / 100
004	414	4,824	1,228.3	13 / 204
009	940	4,824	1,230.7	61 / 134
013	1,278	4,824	1,235.1	80 / 35
016	1,633	4,824	1,239.5	60 / 50
019	1,927	4,824	1,245.0	70 / 100
023	2,252	4,824	1,251.7	86 / 11
025	2,462	4,824	1,254.6	32 / 40
027	2,710	4,824	1,258.1	66 / 55
030	3,027	4,824	1,261.9	165 / 8
034	3,449	4,824	1,264.1	90 / 8
037	3,748	4,824	1,268.9	55 / 8
041	4,059	4,824	1,273.3	50 / 25
043	4,305	4,824	1,277.2	37 / 35
046	4,607	4,824	1,282.3	100 / 65
050	4,972	4,824	1,282.6	200 / 15
053	5,255	4,824	1,283.0	140 / 80
056	5,586	4,588	1,284.0	75 / 110
065	6,500	4,588	1,287.3	200 / 100
071	7,050	4,588	1,289.5	70 / 140
076	7,620	4,588	1,293.8	130 / 150
085	8,455	4,588	1,298.8	28 / 170
088	8,818	4,310	1,302.6	28 / 206
094	9,393	4,310	1,304.8	162 / 106
100	9,972	4,310	1,308.3	188 / 55
105	10,497	4,310	1,311.7	112 / 60
107	10,661	4,085	1,313.9	88 / 52
111	11,149	4,085	1,318.7	40 / 111
114	11,391	4,085	1,320.7	35 / 214
116	11,635	900	1,321.6	100 / 160
122	12,214	900	1,323.1	33 / 39
BIG WARRIOR CREEK				
010	997	5,816	1,089.5[4]	30 / 128
011	1,141	5,816	1,089.5[4]	32 / 137
014	1,430	5,816	1,089.5[4]	97 / 230
017	1,680	5,816	1,089.9	126 / 42
019	1,917	5,816	1,091.5	178 / 61
027	2,684	5,816	1,096.6	196 / 207
031	3,061	5,816	1,096.8	229 / 86
035	3,459	5,816	1,097.2	76 / 324
037	3,744	5,816	1,097.4	164 / 175

TR. STA. 899 BR.U.

960143

RIVER STA: 5899 BR. U.