



Florence & Hutcheson

CONSULTING ENGINEERS

Project: WBS 42567.1.1 (BK-5116)
Bridge #115 on SR 1308 over Kings Creek
Alleghany County

To: Meeting Attendees

Subject: **MINUTES OF MEETING**

Date Prepared: Sept. 3, 2010

Prepared by: Jim Mondolfi

PURPOSE/DESCRIPTION:		Pre-Bid Meeting
DATE & TIME:		Thursday, September 2, 2010 1:30 pm
LOCATION:		NCDOT Bridge Management Unit Large Conference Room Raleigh, North Carolina
ATTENDEES		
Name	Representing	Telephone Number
	See Meeting Roster	
Jim Mondolfi	Ko/Florence & Hutcheson, Inc.	919-851-6066

The following is my understanding of items discussed:

- 1) The revised date of availability for this contract is the date the Contractor begins work but not before the issuance of the purchase order and no later than March 1, 2011.

The completion date for this contract is the date that is **one hundred and twenty (120)** consecutive calendar days after and including the date of availability.

- 2) On Page 6 of the Proposal, under the scope of work, the reference to "traffic control" should be removed.
- 3) On Page 16 of the Proposal, under "Good Faith Effort for Projects with Goals More Than Zero" disregard the reference to "9 copies" of the required information. Only one copy will be required to be submitted.
- 4) Attached herein is the environmental permit for this project.

5) The following specification is to be added to the Proposal:

ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS (6-11-07)

1.0 GENERAL

Installation and Testing of Adhesively anchored anchor bolts and dowels shall be in accordance with Section 420-13, 420-21 and 1081-1 of the Standard Specifications except as modified in this provision.

2.0 INSTALLATION

Installation of the adhesive anchors shall be in accordance with manufacturer's recommendations and shall occur when the concrete is above 40 degrees Fahrenheit and has reached its 28 day strength.

The anchors shall be installed before the adhesive's initial set ('gel time').

3.0 FIELD TESTING

Replace the third paragraph of Section 420-13 (C) with the following:

"In the presence of the Engineer, field test the anchor bolt or dowel in accordance with the test level shown on the plans and the following:

Level One Field testing: Test a minimum of 1 anchor but not less than 10% of all anchors to 50% of the yield load shown on the plans. If less than 60 anchors are to be installed, install and test the required number of anchors prior to installing the remaining anchors. If more than 60 anchors are to be installed, test the first 6 anchors prior to installing the remaining anchors, then test 10% of the number in excess of 60 anchors.

Level Two Field testing: Test a minimum of 2 anchors but not less than 10% of the all anchors to 80% of the yield load shown on the plans. If less than 60 anchors are to be installed, install and test the required number of anchors prior to installing the remaining anchors. If more than 60 anchors are to be installed, test the first 6 anchors prior to installing the remaining anchors, then test 10% of the number in excess of 60 anchors.

Testing should begin only after the Manufacturer's recommended cure time has been reached. For testing, apply and hold the test load for three minutes. If the jack experiences any drop in gage reading, the test must be restarted. For the anchor to be deemed satisfactory, the test load must be held for three minutes with no movement or drop in gage reading."

4.0 REMOVAL AND REPLACEMENT OF FAILED TEST SPECIMENS:

Remove all anchors and dowels that fail the field test without damage to the surrounding concrete. Redrill holes to remove adhesive bonding material residue

and clean the hole in accordance with specifications. For reinstalling replacement anchors or dowels, follow the same procedures as new installations. Do not reuse failed anchors or dowels unless approved by the Engineer.

5.0 USAGE

The use of adhesive anchors for overhead installments is not permitted without written permission from the Engineer.

6.0 BASIS OF PAYMENT

No separate measurement or payment will be made for furnishing, installing, and testing anchor bolts/dowels. Payment at the contract unit prices for the various pay items will be full compensation for all materials, equipment, tools, labor, and incidentals necessary to complete the work.

JEM/



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 P. O. Box 25201, Raleigh, NC 27611-5202
 PHONE: 919-733-2520

BEVERLY PURDUE
 GOVERNOR

EUGENE CONTI, JR.
 SECRETARY

July 27, 2010

Mr. Monte Matthews
 U. S. Army Corps of Engineers
 Raleigh Regulatory Field Office
 3331 Heritage Trade Drive, Suite 105
 Wake Forest, NC 27587

Subject: Nationwide Permit #14
 Bridge #115 on SR 1308
 Alleghany County, North Carolina
WBS Element Number: 42567.2.1 (DWQ Permit Fee: \$240)

Dear Mr. Matthews:

The North Carolina Department of Transportation is scheduled to replace Bridge #115 on SR 1308 with a triple barreled reinforced concrete box culvert (3) @ 8'x 6'x 61' at the same location. The channel will be directed through the middle cell with 2' sills in the inlets and outlets of the eastern most and western most cells. Bedrock is present underneath the existing bridge, but according to geotechnical surveys, the proposed culvert can and will be buried the required one foot. Miscellaneous rip-rap impacts will total 40 linear feet for floodplain construction. Floodplains will be constructed by placing a layer of class B stone at the inlet and outlet of the stormwater barrels. The floodplains will be completed by placing soil on top of the class B followed by seed and coir fiber matting. Floodplains will be constructed at the same elevations as the concrete sills. An offsite detour is proposed.

Stream Impacts:

Station Number	Existing Structure Size	Proposed Culvert Size	Temporary Dewatering	Riprap Impacts (feet)	Total Impacts at this Station (ft.)
Bridge #115	Single span 31' long bridge	3 @ 8'x 6'x 61' RCBC	40	40	141
		Perm. Fill/Riprap Impacts = 101 feet		Total Project Impacts = 141 feet	

The replacement of the existing bridge will require temporary dewatering. An impervious dike will be constructed upstream of the existing bridge to divert the water so that one cell of the culvert

P. O. Box 250, N. WILKESBORO, NC 28659
 PHONE (336) 667-9111 FAX (336) 667-4549

Mr. Monte Matthews
Bridge #115 on SR 1308
Page 2
July 27, 2010

can be constructed in the dry. Once this cell is in place, the impervious dike will be removed. Water will then be directed through this cell during the construction of the remaining two cells.

Construction of this project will require impacts to waters of the United States in the New River Basin. Bridge #115 crosses an unnamed tributary to the South Fork New River (Class: B; ORW). The subject project will have no effect on any federally listed endangered plant or animal species. Historic compliance work will be scheduled and concurrence with the State Historic Preservation Office will be obtained if required.

Attached is a Preconstruction Notification Form, plan sheets, a marked county map, a marked topography map and photographs. Please note that wildlife comments and a 404 permit were issued for this project in January of 2005 (Action ID# 200520310 & 200520311). A 401 was not issued because we rescinded our request prior to issuance due to loss of funding. We are now ready to proceed. Previous wildlife comments requested that we add sills to the outlets of the stormwater barrels and fill the stormwater barrels with stone up to the sill height. We have no objection and will add these tasks to the construction plan.

By copy of this letter, it is requested that Mr. Ron Linville, Mountain Region Coordinator, with the North Carolina Wildlife Resources Commission comment directly to you concerning the 404 Nationwide Permit application with a copy sent to me.

We would like to begin construction as soon as possible. If further information is required, please let me know. Your early review and consideration will be appreciated.

Sincerely,



Heath Slaughter
Division Environmental Officer

Enclosures

cc: Monte Matthews, US Army Corps of Engineers (1 additional copy)
Ron Linville, Western Piedmont Region Coordinator, NCWRC
Brian Wrenn, Division of Water Quality (5 copies)
Amy Euliss, Division of Water Quality
Mike Pettyjohn, PE, Division Engineer
Ivan Dishman, PE, Division Bridge Project Manager
Rick Minton, Alleghany County Bridge Supervisor
Heath Slaughter, Division Environmental Officer
Scott Pipes, Roadside Environmental Field Operations Technician



Office Use Only:
Corps action ID no. _____
DWQ project no. _____
Form Version 1.3 Dec 10 2008

Pre-Construction Notification (PCN) Form

A. Applicant Information

1. Processing

1a. Type(s) of approval sought from the Corps:

Section 404 Permit Section 10 Permit

1b. Specify Nationwide Permit (NWP) number: 14 or General Permit (GP) number:

1c. Has the NWP or GP number been verified by the Corps? Yes No

1d. Type(s) of approval sought from the DWQ (check all that apply):

401 Water Quality Certification – Regular Non-404 Jurisdictional General Permit
 401 Water Quality Certification – Express Riparian Buffer Authorization

1e. Is this notification solely for the record because written approval is not required?

For the record only for DWQ 401 Certification:

Yes No

For the record only for Corps Permit:

Yes No

1f. Is payment into a mitigation bank or in-lieu fee program proposed for mitigation of impacts? If so, attach the acceptance letter from mitigation bank or in-lieu fee program.

Yes No

1g. Is the project located in any of NC's twenty coastal counties. If yes, answer 1h below.

Yes No

1h. Is the project located within a NC DCM Area of Environmental Concern (AEC)?

Yes No

2. Project Information

2a. Name of project:

Replace Bridge #115 with Triple Barreled Box Culvert

2b. County:

Alleghany

2c. Nearest municipality / town:

Piney Creek

2d. Subdivision name:

2e. NCDOT only, T.I.P. or state project no:

42567.2.1

3. Owner Information

3a. Name(s) on Recorded Deed:

NCDOT

3b. Deed Book and Page No.

3c. Responsible Party (for LLC if applicable):

3d. Street address:

801 Statesville Road

3e. City, state, zip:

North Wilkesboro, NC 28659

3f. Telephone no.:

336-903-9202

3g. Fax no.:

336-667-4549

3h. Email address:

hslaughter@ncdot.gov

4. Applicant Information (if different from owner)	
4a. Applicant is:	<input type="checkbox"/> Agent <input type="checkbox"/> Other, specify:
4b. Name:	
4c. Business name (if applicable):	
4d. Street address:	
4e. City, state, zip:	
4f. Telephone no.:	
4g. Fax no.:	
4h. Email address:	
5. Agent/Consultant Information (if applicable)	
5a. Name:	
5b. Business name (if applicable):	
5c. Street address:	
5d. City, state, zip:	
5e. Telephone no.:	
5f. Fax no.:	
5g. Email address:	

B. Project Information and Prior Project History	
1. Property Identification	
1a. Property identification no. (tax PIN or parcel ID):	
1b. Site coordinates (in decimal degrees):	Latitude: 36.52890 (DD.DDDDDD) Longitude: -81.32867 (-DD.DDDDDD)
1c. Property size:	0.1 acres
2. Surface Waters	
2a. Name of nearest body of water (stream, river, etc.) to proposed project:	UT to South Fork New River
2b. Water Quality Classification of nearest receiving water:	B; ORW
2c. River basin:	New
3. Project Description	
3a. Describe the existing conditions on the site and the general land use in the vicinity of the project at the time of this application: Substandard bridge to be replaced in a rural area	
3b. List the total estimated acreage of all existing wetlands on the property: 0 acres	
3c. List the total estimated linear feet of all existing streams (intermittent and perennial) on the property: 70 linear feet	
3d. Explain the purpose of the proposed project: Upgrade substandard stream crossing	
3e. Describe the overall project in detail, including the type of equipment to be used: See attached cover letter.	
4. Jurisdictional Determinations	
4a. Have jurisdictional wetland or stream determinations by the Corps or State been requested or obtained for this property / project (including all prior phases) in the past? Comments:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
4b. If the Corps made the jurisdictional determination, what type of determination was made?	<input type="checkbox"/> Preliminary <input type="checkbox"/> Final
4c. If yes, who delineated the jurisdictional areas? Name (if known):	Agency/Consultant Company: Other:
4d. If yes, list the dates of the Corps jurisdictional determinations or State determinations and attach documentation.	
5. Project History	
5a. Have permits or certifications been requested or obtained for this project (including all prior phases) in the past?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
5b. If yes, explain in detail according to "help file" instructions. 404 received but project was delayed. 401 request was recinded.	
6. Future Project Plans	
6a. Is this a phased project?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6b. If yes, explain.	

C. Proposed Impacts Inventory						
1. Impacts Summary						
1a. Which sections were completed below for your project (check all that apply):						
<input type="checkbox"/> Wetlands <input checked="" type="checkbox"/> Streams - tributaries <input type="checkbox"/> Buffers <input type="checkbox"/> Open Waters <input type="checkbox"/> Pond Construction						
2. Wetland Impacts						
If there are wetland impacts proposed on the site, then complete this question for each wetland area impacted.						
2a. Wetland impact number – Permanent (P) or Temporary (T)	2b. Type of impact	2c. Type of wetland (if known)	2d. Forested	2e. Type of jurisdiction (Corps - 404, 10 DWQ – non-404, other)	2f. Area of impact (acres)	
W1 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
W2 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
W3 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
W4 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
W5 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
W6 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
2g. Total wetland impacts						
2h. Comments:						
3. Stream Impacts						
If there are perennial or intermittent stream impacts (including temporary impacts) proposed on the site, then complete this question for all stream sites impacted.						
3a. Stream impact number - Permanent (P) or Temporary (T)	3b. Type of impact	3c. Stream name	3d. Perennial (PER) or intermittent (INT)?	3e. Type of jurisdiction (Corps - 404, 10 DWQ – non-404, other)	3f. Average stream width (feet)	3g. Impact length (linear feet)
S1 <input checked="" type="checkbox"/> P <input checked="" type="checkbox"/> T	Culvert, Riprap & Dewatering	UT to South Fork New River	<input checked="" type="checkbox"/> PER <input type="checkbox"/> INT	<input checked="" type="checkbox"/> Corps <input checked="" type="checkbox"/> DWQ	7	141
S2 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> PER <input type="checkbox"/> INT	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
S3 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> PER <input type="checkbox"/> INT	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
S4 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> PER <input type="checkbox"/> INT	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
S5 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> PER <input type="checkbox"/> INT	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
S6 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> PER <input type="checkbox"/> INT	<input type="checkbox"/> Corps <input type="checkbox"/> DWQ		
3h. Total stream and tributary impacts						141
3i. Comments: 40 linear feet of the impacts are temporary						

4. Open Water Impacts

If there are proposed impacts to lakes, ponds, estuaries, tributaries, sounds, the Atlantic Ocean, or any other open water of the U.S. then individually list all open water impacts below.

4a. Open water impact number – Permanent (P) or Temporary (T)	4b. Name of waterbody (if applicable)	4c. Type of impact	4d. Waterbody type	4e. Area of impact (acres)
O1 <input type="checkbox"/> P <input type="checkbox"/> T				
O2 <input type="checkbox"/> P <input type="checkbox"/> T				
O3 <input type="checkbox"/> P <input type="checkbox"/> T				
O4 <input type="checkbox"/> P <input type="checkbox"/> T				
4f. Total open water impacts				

4g. Comments:

5. Pond or Lake Construction

If pond or lake construction proposed, then complete the chart below.

5a. Pond ID number	5b. Proposed use or purpose of pond	5c. Wetland Impacts (acres)			5d. Stream Impacts (feet)			5e. Upland (acres)
		Flooded	Filled	Excavated	Flooded	Filled	Excavated	Flooded
P1								
P2								
5f. Total								

5g. Comments: N/A

5h. Is a dam high hazard permit required?

Yes

No

If yes, permit ID no:

5i. Expected pond surface area (acres):

5j. Size of pond watershed (acres):

5k. Method of construction:

6. Buffer Impacts (for DWQ)

If project will impact a protected riparian buffer, then complete the chart below. If yes, then individually list all buffer impacts below. If any impacts require mitigation, then you **MUST** fill out Section D of this form.

6a. Project is in which protected basin?				<input type="checkbox"/> Neuse <input type="checkbox"/> Tar-Pamlico <input type="checkbox"/> Other: <input type="checkbox"/> Catawba <input type="checkbox"/> Randleman		
6b. Buffer impact number – Permanent (P) or Temporary (T)	6c. Reason for impact	6d. Stream name	6e. Buffer mitigation required?	6f. Zone 1 impact (square feet)	6g. Zone 2 impact (square feet)	
B1 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> Yes <input type="checkbox"/> No			
B2 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> Yes <input type="checkbox"/> No			
B3 <input type="checkbox"/> P <input type="checkbox"/> T			<input type="checkbox"/> Yes <input type="checkbox"/> No			
6h. Total buffer impacts						

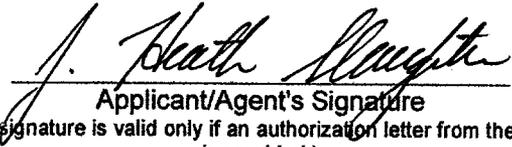
6i. Comments:

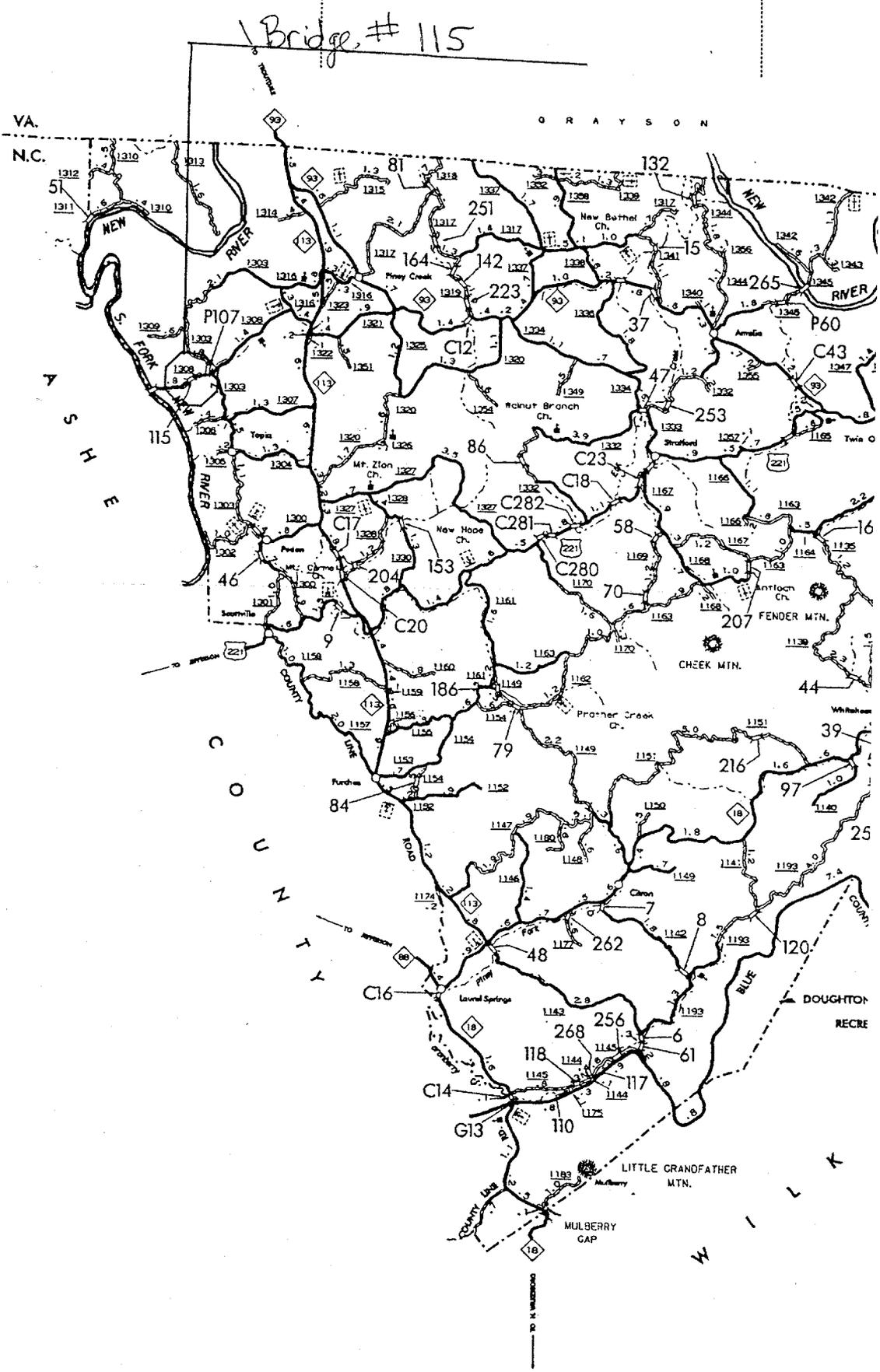
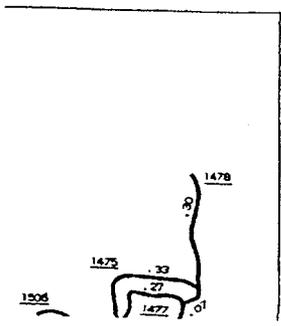
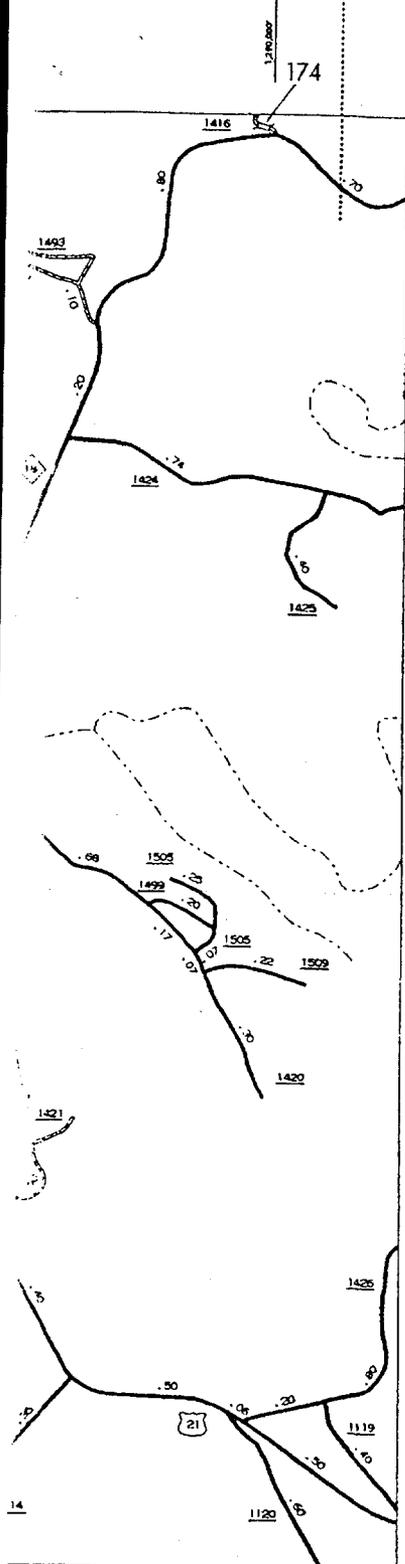
D. Impact Justification and Mitigation		
1. Avoidance and Minimization		
1a. Specifically describe measures taken to avoid or minimize the proposed impacts in designing project. Stormwater barrel sills and floodplains will be added to maintain channel width.		
1b. Specifically describe measures taken to avoid or minimize the proposed impacts through construction techniques. All appropriate BMPs will be used during construction		
2. Compensatory Mitigation for Impacts to Waters of the U.S. or Waters of the State		
2a. Does the project require Compensatory Mitigation for impacts to Waters of the U.S. or Waters of the State?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
2b. If yes, mitigation is required by (check all that apply):	<input type="checkbox"/> DWQ <input checked="" type="checkbox"/> Corps	
2c. If yes, which mitigation option will be used for this project?	<input type="checkbox"/> Mitigation bank <input checked="" type="checkbox"/> Payment to in-lieu fee program <input type="checkbox"/> Permittee Responsible Mitigation	
3. Complete if Using a Mitigation Bank		
3a. Name of Mitigation Bank:		
3b. Credits Purchased (attach receipt and letter)	Type	Quantity
3c. Comments:		
4. Complete if Making a Payment to In-lieu Fee Program		
4a. Approval letter from in-lieu fee program is attached.	<input type="checkbox"/> Yes	
4b. Stream mitigation requested:	61 linear feet	
4c. If using stream mitigation, stream temperature:	<input type="checkbox"/> warm <input type="checkbox"/> cool <input checked="" type="checkbox"/> cold	
4d. Buffer mitigation requested (DWQ only):	square feet	
4e. Riparian wetland mitigation requested:	acres	
4f. Non-riparian wetland mitigation requested:	acres	
4g. Coastal (tidal) wetland mitigation requested:	acres	
4h. Comments:		
5. Complete if Using a Permittee Responsible Mitigation Plan		
5a. If using a permittee responsible mitigation plan, provide a description of the proposed mitigation plan.		

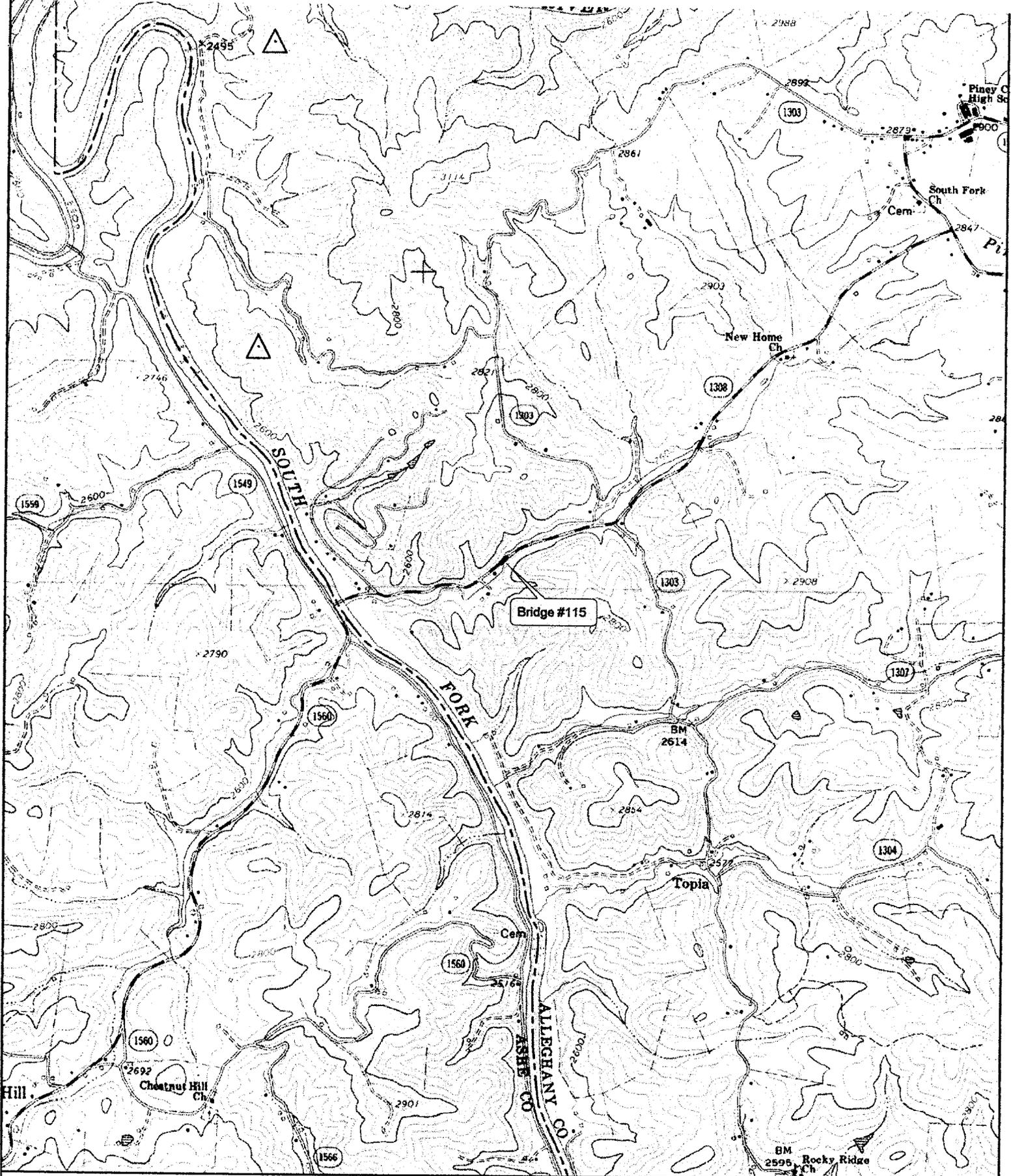
6. Buffer Mitigation (State Regulated Riparian Buffer Rules) – required by DWQ				
6a. Will the project result in an impact within a protected riparian buffer that requires buffer mitigation?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6b. If yes, then identify the square feet of impact to each zone of the riparian buffer that requires mitigation. Calculate the amount of mitigation required.				
Zone	6c. Reason for impact	6d. Total impact (square feet)	Multiplier	6e. Required mitigation (square feet)
Zone 1			3 (2 for Catawba)	
Zone 2			1.5	
6f. Total buffer mitigation required:				
6g. If buffer mitigation is required, discuss what type of mitigation is proposed (e.g., payment to private mitigation bank, permittee responsible riparian buffer restoration, payment into an approved in-lieu fee fund).				
6h. Comments:				

E. Stormwater Management and Diffuse Flow Plan (required by DWQ)	
1. Diffuse Flow Plan	
1a. Does the project include or is it adjacent to protected riparian buffers identified within one of the NC Riparian Buffer Protection Rules?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
1b. If yes, then is a diffuse flow plan included? If no, explain why. Comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. Stormwater Management Plan	
2a. What is the overall percent imperviousness of this project?	%
2b. Does this project require a Stormwater Management Plan?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2c. If this project DOES NOT require a Stormwater Management Plan, explain why:	
2d. If this project DOES require a Stormwater Management Plan, then provide a brief, narrative description of the plan:	
2e. Who will be responsible for the review of the Stormwater Management Plan?	<input type="checkbox"/> Certified Local Government <input type="checkbox"/> DWQ Stormwater Program <input type="checkbox"/> DWQ 401 Unit
3. Certified Local Government Stormwater Review	
3a. In which local government's jurisdiction is this project?	
3b. Which of the following locally-implemented stormwater management programs apply (check all that apply):	<input type="checkbox"/> Phase II <input type="checkbox"/> NSW <input type="checkbox"/> USMP <input type="checkbox"/> Water Supply Watershed <input type="checkbox"/> Other:
3c. Has the approved Stormwater Management Plan with proof of approval been attached?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. DWQ Stormwater Program Review	
4a. Which of the following state-implemented stormwater management programs apply (check all that apply):	<input type="checkbox"/> Coastal counties <input type="checkbox"/> HQW <input checked="" type="checkbox"/> ORW <input type="checkbox"/> Session Law 2006-246 <input type="checkbox"/> Other:
4b. Has the approved Stormwater Management Plan with proof of approval been attached?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. DWQ 401 Unit Stormwater Review	
5a. Does the Stormwater Management Plan meet the appropriate requirements?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5b. Have all of the 401 Unit submittal requirements been met?	<input type="checkbox"/> Yes <input type="checkbox"/> No

F. Supplementary Information	
1. Environmental Documentation (DWQ Requirement)	
1a. Does the project involve an expenditure of public (federal/state/local) funds or the use of public (federal/state) land?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b. If you answered "yes" to the above, does the project require preparation of an environmental document pursuant to the requirements of the National or State (North Carolina) Environmental Policy Act (NEPA/SEPA)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
1c. If you answered "yes" to the above, has the document review been finalized by the State Clearing House? (If so, attach a copy of the NEPA or SEPA final approval letter.) Comments:	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. Violations (DWQ Requirement)	
2a. Is the site in violation of DWQ Wetland Rules (15A NCAC 2H .0500), Isolated Wetland Rules (15A NCAC 2H .1300), DWQ Surface Water or Wetland Standards, or Riparian Buffer Rules (15A NCAC 2B .0200)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2b. Is this an after-the-fact permit application?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2c. If you answered "yes" to one or both of the above questions, provide an explanation of the violation(s):	
3. Cumulative Impacts (DWQ Requirement)	
3a. Will this project (based on past and reasonably anticipated future impacts) result in additional development, which could impact nearby downstream water quality?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3b. If you answered "yes" to the above, submit a qualitative or quantitative cumulative impact analysis in accordance with the most recent DWQ policy. If you answered "no," provide a short narrative description.	
4. Sewage Disposal (DWQ Requirement)	
4a. Clearly detail the ultimate treatment methods and disposition (non-discharge or discharge) of wastewater generated from the proposed project, or available capacity of the subject facility. N/A	

5. Endangered Species and Designated Critical Habitat (Corps Requirement)		
5a. Will this project occur in or near an area with federally protected species or habitat?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5b. Have you checked with the USFWS concerning Endangered Species Act impacts?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5c. If yes, indicate the USFWS Field Office you have contacted.	<input type="checkbox"/> Raleigh	<input type="checkbox"/> Asheville
5d. What data sources did you use to determine whether your site would impact Endangered Species or Designated Critical Habitat? GIS and visual observation		
6. Essential Fish Habitat (Corps Requirement)		
6a. Will this project occur in or near an area designated as essential fish habitat?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
6b. What data sources did you use to determine whether your site would impact Essential Fish Habitat? WRC will comment		
7. Historic or Prehistoric Cultural Resources (Corps Requirement)		
7a. Will this project occur in or near an area that the state, federal or tribal governments have designated as having historic or cultural preservation status (e.g., National Historic Trust designation or properties significant in North Carolina history and archaeology)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
7b. What data sources did you use to determine whether your site would impact historic or archeological resources? SHPO will comment if required		
8. Flood Zone Designation (Corps Requirement)		
8a. Will this project occur in a FEMA-designated 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
8b. If yes, explain how project meets FEMA requirements:		
8c. What source(s) did you use to make the floodplain determination? ncfloodmaps		
J. Heath Slaughter Applicant/Agent's Printed Name	 Applicant/Agent's Signature (Agent's signature is valid only if an authorization letter from the applicant is provided.)	7/27/10 Date





Name: MOUTH OF WILSON
Date: 7/22/2010
Scale: 1 inch equals 2000 feet

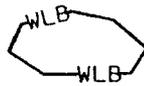
Location: 036.5280698° N 081.3286203° W



Bridge #115 on SR 1308 in Alleghany County.

WETLAND LEGEND

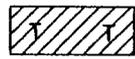
—WLB— WETLAND BOUNDARY

 WETLAND

 DENOTES FILL IN WETLAND

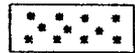
 DENOTES FILL IN SURFACE WATER

 DENOTES FILL IN SURFACE WATER (POND)

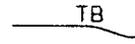
 DENOTES TEMPORARY FILL IN WETLAND

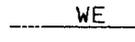
 DENOTES EXCAVATION IN WETLAND

 DENOTES TEMPORARY FILL IN SURFACE WATER

 DENOTES MECHANIZED CLEARING

→ FLOW DIRECTION

 TOP OF BANK

 EDGE OF WATER

---C--- PROP. LIMIT OF CUT

---F--- PROP. LIMIT OF FILL

 PROP. RIGHT OF WAY

---NG--- NATURAL GROUND

---PL--- PROPERTY LINE

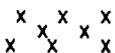
---TDE--- TEMP. DRAINAGE EASEMENT

---PDE--- PERMANENT DRAINAGE EASEMENT

---EAB--- EXIST. ENDANGERED ANIMAL BOUNDARY

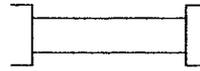
---EPB--- EXIST. ENDANGERED PLANT BOUNDARY

 WATER SURFACE

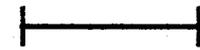
 LIVE STAKES

 BOULDER

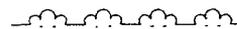
--- CORE FIBER ROLLS

 PROPOSED BRIDGE

 PROPOSED BOX CULVERT

 PROPOSED PIPE CULVERT
 (DASHED LINES DENOTE EXISTING STRUCTURES)
 12"-48" PIPES
 54" PIPES & ABOVE

 SINGLE TREE

 WOODS LINE

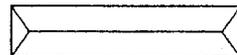
 DRAINAGE INLET

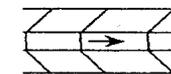
 ROOTWAD

 RIP RAP

 ADJACENT PROPERTY OWNER OR PARCEL NUMBER (IF AVAILABLE)

 PREFORMED SCOUR HOLE

 LEVEL SPREADER (LS)

 DITCH / GRASS SWALE

NORTH CAROLINA
DEPARTMENT OF HIGHWAYS

ALLEGHANY COUNTY
MA11015B

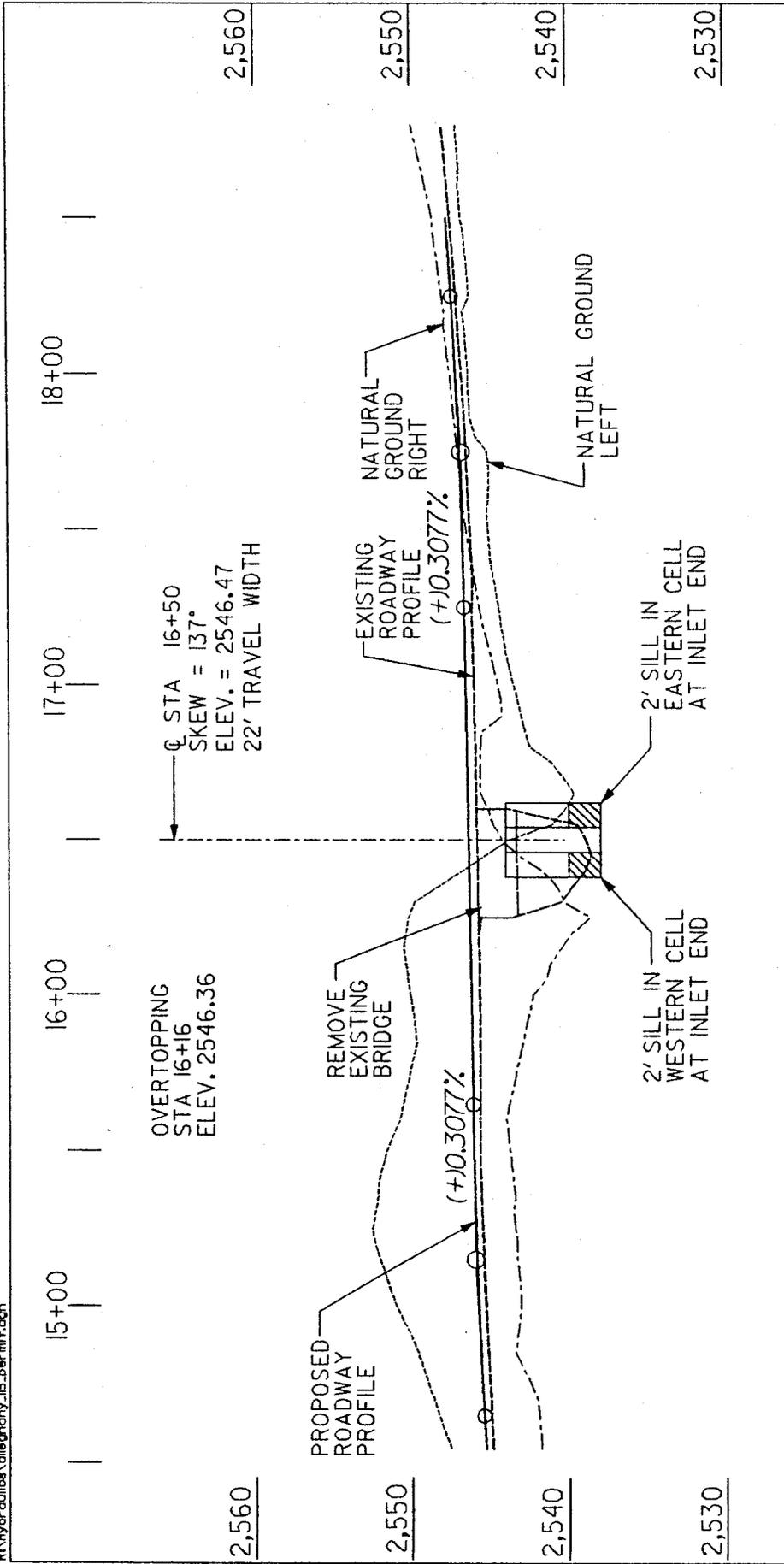
BRIDGE NO. 115 ON SR 1308
OVER KINGS CREEK

NOT TO SCALE

4 DATES
8 TIMES
9 FILES

DATE: 12-17-04

SHEET 2 OF 4



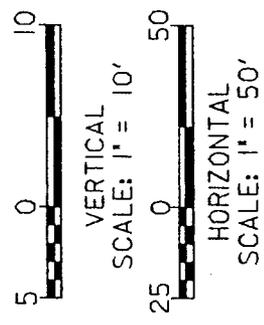
NORTH CAROLINA
 DEPARTMENT OF HIGHWAYS

ALLEGHANY COUNTY
 MA11015B

BRIDGE NO. 115 ON SR 1308
 OVER KINGS CREEK

DATE: 12-17-04

SHEET 4 OF 4



RIVER BASIN: NEW
 WATER CLASSIFICATION: CLASS B+

PROFILE

**OFFICIAL ROSTER OF PRE-BID CONFERENCE ATTENDEES
NCDOT- BRIDGE MANAGEMENT UNIT-POC**

DATE: Thursday 9-2-10
TIME: 1:30 p.m.

BRIDGE REPLACEMENT CONTRACTS:

- | | |
|---|--|
| 1. Alleghany Co. Br. # 115, DO00071 (BK-5116) | 4. Warren Co. Br. #107, D000067 (B-4308) |
| 2. Cabarrus Co. Br. # 90, DO00072 (B-4051) | 5. Nash Co. Br. #120, D000086 (BK-5107) |
| 3. Robeson Co. Br. # 380, DO00075 (BK-5111) | |

(PLEASE CIRCLE THE PROJECT THAT YOU ARE BIDDING ON UNDER THE PROJECT COLUMN)

NAME	PROJECT	COMPANY REPRESENTED AND ADDRESS	CONTACT INFORMATION
JIM GILLESPIE	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	MOUNTAIN CREEK CONTR. 205 E. CENTRAL AVE CATAWBA N.C. 28609	Email: <u>r.rockett@mtcreek</u> Phone: <u>828-241-3642 L.L.C. CON</u> Fax: <u>828-241-3642</u>
Gary Eisner	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	P.O. Box 635 Jefferson NC 28640 28	Email: <u>Gary Eisner @ JRVannoy, c</u> Phone: <u>336-846-7191</u> Fax: <u>336-846-7112</u>
Phillips Shore	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	Davie Grading Inc 1623 Hwy 158 Mocksville N.C. 27028	Email: <u>Davie grading & Grading, nc</u> Phone: <u>336-751-6022</u> Fax: <u>336 751-1622</u>
Gary Eisner	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	JRVannoy & Son's P.O. Box 635 Jefferson NC 28675	Email: <u>Gary Eisner @ JRVannoy, c</u> Phone: <u>336-846-7191</u> Fax: <u>336-846-7112</u>
Roger Yonnis	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	TCB Builders, PO Box 1625 LEXINGTON, NC 27293	Email: <u>TCBBUILDERS@AOL</u> Phone: <u>336-224-2200</u> Fax: <u>336-224-2299</u>
Frank Fulp	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	Smith-Rowe, Inc. 639 Old US 52 South Mount Airy, NC 27030	Email: <u>ffulp@tried.rr.com</u> Phone: <u>336-789-8221</u> Fax: <u>336-789-6807</u>

**OFFICIAL ROSTER OF PRE-BID CONFERENCE ATTENDEES
NCDOT- BRIDGE MANAGEMENT UNIT -POC**

DATE: Thursday 9-2-10
TIME: 1:30 p.m.

BRIDGE REPLACEMENT CONTRACTS:

- | | |
|---|--|
| 1. Alleghany Co. Br. # 115, DO00071 (BK-5116) | 4. Warren Co. Br. #107, D000067 (B-4308) |
| 2. Cabarrus Co. Br. # 90, DO00072 (B-4051) | 5. Nash Co. Br. #120, D000086 (BK-5107) |
| 3. Robeson Co. Br. # 380, DO00075 (BK-5111) | |

(PLEASE CIRCLE THE PROJECT THAT YOU ARE BIDDING ON UNDER THE PROJECT COLUMN)

NAME	PROJECT	COMPANY REPRESENTED AND ADDRESS	CONTACT INFORMATION
Charles Moore	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 <input type="radio"/> 5	Palmetto Infrastructure 3620 Pelham Rd Greenville, SC 29615	Email: <u>gcaniff@palmettoii.com</u> Phone: <u>864-879-2166</u> Fax: <u>864-879-2167</u>

Adam Jarman	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Dane Construction Inc. 280 Mooresville, NC 28115	Email: <u>jarman@daneconstruction.com</u> Phone: <u>704-664-5042</u> 6/30 Fax: <u>704-663-2475</u>
-------------	---	--	--

DAVID BARE	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Apple Truck & Assoc P. O. Box 901 RFDW NC 28135	Email: <u>appletuck@att.net</u> Phone: <u>828 287 3767</u> Fax: <u>828 287 2181</u>
------------	---	---	---

Evan Miller	<input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Miller Engineering Company Inc. P. O. Box 1047 Marion N.C. 28752	Email: _____ Phone: <u>828-738-8441</u> Fax: <u>828-738-3440</u>
-------------	--	--	--

David Hutto	<input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Republic Contracting Corp 869 Pepper St Columbia, SC 29290	Email: <u>dhutto@RepublicContracting.com</u> Phone: <u>803-783-4920</u> Fax: <u>803-783-1623</u>
-------------	--	--	--

CHRIS BROWN	<input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5	Sanford Contractors, Inc. 628 Rocky Fork Church Rd Sanford, NC 27332	Email: <u>cbrown@sanfordcontractors.com</u> Phone: <u>919-775-7882</u> Fax: <u>919 775-3406</u>
-------------	--	--	---

**OFFICIAL ROSTER OF PRE-BID CONFERENCE ATTENDEES
NCDOT- BRIDGE MANAGEMENT UNIT -POC**

DATE: Thursday 9-2-10
TIME: 1:30 p.m.

BRIDGE REPLACEMENT CONTRACTS:

- | | |
|---|--|
| 1. Alleghany Co. Br. # 115, DO00071 (BK-5116) | 4. Warren Co. Br. #107, D000067 (B-4308) |
| 2. Cabarrus Co. Br. # 90, DO00072 (B-4051) | 5. Nash Co. Br. #120, D000086 (BK-5107) |
| 3. Robeson Co. Br. # 380, DO00075 (BK-5111) | |

(PLEASE CIRCLE THE PROJECT THAT YOU ARE BIDDING ON UNDER THE PROJECT COLUMN)

NAME	PROJECT	COMPANY REPRESENTED AND ADDRESS	CONTACT INFORMATION
Horry Parker	1	Cape Ronan Contractors 612 Cape Ronan Rd Wando, S.C. 29492	Email: <u>horry@caperonan.com</u> Phone: <u>843-884-5167</u> Fax: <u>843-884-0516</u>
	2		
	3		
	4		
	5		

Ken Carith	1	DLR Inc 1230 Hillsville VA 24343	Email: _____ Phone: <u>276-728-2137</u> Fax: <u>276-728-2069</u>
	2		
	3		
	4		
	5		

Seth Hathcock	1	Country Boy Landscaping Inc P.O. Box 290 Harmony NC 28634	Email: <u>cb109@yahoo.com</u> Phone: <u>704-924-9330</u> Fax: <u>704-924-9332</u>
	2		
	3		
	4		
	5		

Dan Nickol	1	Caroline Bridge Co Inc PO Box 515 Orangesburg SC 29116	Email: <u>dan@carolinebridgeinc.com</u> Phone: <u>803-531-1152</u> Fax: <u>803-531-3810</u>
	2		
	3		
	4		
	5		

	1	Continue	Email: _____ Phone: _____ Fax: _____
	2		
	3		
	4		
	5		

	1		Email: _____ Phone: _____ Fax: _____
	2		
	3		
	4		
	5		

**OFFICIAL ROSTER OF PRE-BID CONFERENCE ATTENDEES
NCDOT- BRIDGE MANAGEMENT UNIT-POC**

DATE: Tuesday 9-2-10
TIME: 1:30 p.m.

BRIDGE REPLACEMENT CONTRACTS:

- | | |
|---|--|
| 1. Alleghany Co. Br. # 115, DO00071 (BK-5116) | 4. Warren Co. Br. #107, D000067 (B-4308) |
| 2. Cabarrus Co. Br. # 90, DO00072 (B-4051) | 5. Nash Co. Br. #120, D000086 (BK-5107) |
| 3. Robeson Co. Br. # 380, DO00075 (BK-5111) | |

(PLEASE CIRCLE THE PROJECT THAT YOU ARE BIDDING ON UNDER THE PROJECT COLUMN)

NAME	PROJECT	COMPANY REPRESENTED AND ADDRESS	CONTACT INFORMATION
Jason Williams	1 2 3 4 5	Fred Smith Company P.O. Box 31768 Raleigh, NC 27622	Email: <u>jason.williams@fredsmithcompany.com</u> Phone: <u>(919) 582-3532</u> Fax: <u>(919) 582-3533</u>
Kevin Austin	1 2 3 4 5	Mulkey, Inc 6750 Tryon Rd Cary, NC	Email: <u>kaustin@mulkeyinc.com</u> Phone: <u>(919) 858-1790</u> Fax: <u>(919) 851-1912</u>
Erick Frazier	1 2 3 4 5	S.T. Wooten Corp P.O. Box 2408 Wilson, NC 27893	Email: <u>Erick@STWCorp.com</u> Phone: <u>252-291-5165</u> Fax: <u>252-243-0901</u>
Alec Blythe	1 2 3 4 5	1415 E Westinghouse Blvd Charlotte, NC 28277	Email: <u>Ablythe@blythe.development.co</u> Phone: <u>704-588-0023</u> Fax: <u>704-588-9935</u>
	1 2 3 4 5		Email: _____ Phone: _____ Fax: _____
	1 2 3 4 5		Email: _____ Phone: _____ Fax: _____