From:	Wheeler, Tracey L SAW
To:	Manley, Chris; Williams, Paul C; Wainwright, David; Ward, Garcy
Cc:	Rivenbark, Chris; Willis, Thomas C
Subject:	RE: B-5122 Utility Modification (UNCLASSIFIED)
Date:	Wednesday, August 14, 2013 8:39:37 AM

Classification: UNCLASSIFIED
Caveats: NONE

Chris,

Per your August 1, 2013 request, DoD permit SAW-2009-02266 has been revised to allow hand clearing of 0.32 acres of wetlands. This authorization allows clearing of 0.04 acres of wetlands on the northwest portion of the bridge for gas line installation and 0.28 acres of wetlands on the southwest side of the bridge to allow for staging and welding of the pipeline. This area must be allowed to revegetate and may not be maintained in a mowed or cut condition.

Please feel free to contact me if you have additional questions.

Tracey L. Wheeler
Regulatory Project Manager
U.S. Army Corps of Engineers
Washington Regulatory Field Office
2407 West 5th Street
Washington, North Carolina 27889
(910) 251-4627

The Wilmington District is committed to providing the highest level of support to the public. To help us ensure we continue to do so, please complete the Customer Satisfaction Survey located at our website at http://regulatory.usacesurvey.com/ to complete the survey online.

-----Original Message-----
From: Manley, Chris [mailto:cdmanley@ncdot.gov]
Sent: Thursday, August 01, 2013 5:13 PM
To: Williams, Paul C; Wheeler, Tracey L SAW; Wainwright, David
Cc: Rivenbark, Chris; Willis, Thomas C
Subject: RE: B-5122 Utility Modification

Please replace the previous sheets with the attached sheets. There was some minor changes missing from the last set sent out. An utility pole was added and the Narrative was updated. Also, the utility justification that was asked for is attached also.

Thank you,

Chris Manley

From: Manley, Chris
Sent: Monday, July 29, 2013 1:21 PM
To: Williams, Paul C; 'tracey.l.wheeler@usace.army.mil'; Wainwright, David
Cc: Rivenbark, Chris
Subject: B-5122 Utility Modification

Subject: Modification Request for Section 404 Nationwide Permits (NWP) 23, 33 & 12, Section 401 Water Quality Certification and CAMA Major Development Permit for the replacement of Bridge No. 51 over the Cashie River on US 13 in Bertie County; TIP Project B-5122; Federal Aid Project No. BRNHS-0013(24); WBS No. 42264.1.1.

References: USACE Nationwide Permit SAW 2009-02266 issued 3/25/2013

NCDWQ Water Quality Certification 20130190 issued 4/9/2013

NCDWQ Water Quality Certification 20130190 v.2 issued 4/26/2013

NCDCM CAMA Major Development Permit 51-13 issued 5/1/13

This modification is for the utility installation of the gas line. The change is due to changing the type of pipe being used for the high pressure gas line. The new line will need room within the wetland for the assembly (welding of the joints). The proposed area will only be hand cleared and once the line is installed the hand cleared will be allowed to regenerate, area will not be maintained. Please see the attachment showing the changes. If you have any questions or need additional information, please contact Chris Manley at cdmanley@ncdot.gov <mailto:cdmanley@ncdot.gov> or (919) 707-6135.

Thank you,

Chris Manley

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Classification: UNCLASSIFIED
Caveats: NONE

NCDENR
North Carolina Department of Environment and Natural Resources
Division of Water Resources
Water Quality Programs
Thomas A. Reeder
Director

Pat McCrory
Governor

John E. Skvarla, III
Secretary

RECEIVED
AUG 14 2013
DIVISION OF HIGHWAYS
PDEA-OFFICE OF NATURAL ENVIRONMENT

August 8, 2013
Bertie County
NCDWQ Project No. 20130190 v.3
TIP B-5122

MODIFICATION of APPROVAL of 401 WATER QUALITY CERTIFICATION with ADDITIONAL CONDITIONS

Dr. Greg Thorpe, PhD., Manager
Project Development and Environmental Analysis
North Carolina Department of Transportation
1598 Mail Service Center
Raleigh, North Carolina, 27699-1598

Dear Dr. Thorpe:

You have our approval, in accordance with the conditions listed below, for the following impacts for the purpose of replacing Bridge No. 51 over the Cashie River on US 13 in Bertie County:

Bridge 51	Wetland Fill (ac)	Wetland Hand Clearing (ac)	Wetland Fill (ac)	Wetland Hand Clearing (ac)	Wetland Excavation (ac)	Wetland Temp Fill (ac)
Impacts with the April 26, 2013 modification	0.67	0.33	0.01	0.30	0.02	0.03
Additional Impacts with this modification	0	0	0	**0.32**	0	0
Total	0.67	0.33	0.01*	0.62*	0.02*	0.03*
Net total impacts	**1.68**					

* Impacts associated with utility relocations

This approval is only valid for the purpose and design that you submitted in your modified application dated received July 29, 2013. All the authorized activities and conditions associated with the original Water Quality Certification dated April 9, 2013 and the modification dated April 26,2013 still apply except where superceded by this certification. After reviewing your application, we have decided that these impacts are covered by General Water Quality Certification Numbers 3891, 3893, and 3844. These certifications correspond to the Nationwide Permits 23. 33 and 12 issued by the Corps of Engineers. In addition, you should acquire any other federal, state or local permits before you proceed with your project including (but not limited to) Sediment and Erosion Control, Non-Discharge and Water Supply Watershed regulations. This approval will expire with the accompanying 404 permit.

This approval is valid solely for the purpose and design described in your application (unless modified below). Should your project change, you must notify the NCDWR and submit a new application. If the property is sold, the new owner must be given a copy of this Certification and approval letter, and is thereby responsible for complying with all the conditions. If total wetland fills for this project (now or in the future) exceed one acre, or of total impacts to streams (now or in the future) exceed 150 linear feet, compensatory mitigation may be required as described in 15A NCAC 2H .0506 (h) (6) and (7). Additional buffer impacts may require compensatory mitigation as described in 15A NCAC 2B .0200. For this approval to remain valid, you must adhere to the conditions listed in the attached certification.

Condition(s) of Certification:

1. This modification is applicable only to the additional proposed activities. All of the authorized activities and conditions of the certification associated with the original Water Quality Certification dated April 9, 2013 and subsequent modifications still apply except where superceded by this certification.
2. A copy of this Water Quality Certification shall be maintained on site at the construction site at all times. In addition, the Water Quality Certification and all subsequent modifications, if any, shall be maintained with the Division Engineer and the on-site project manager.

If you do not accept any of the conditions of this certification, you may ask for an adjudicatory hearing. You must act within 60 days of the date that you receive this letter. To ask for a hearing, send a written petition that conforms to Chapter 150B of the North Carolina General Statutes to the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, N.C. 27699. This certification and its conditions are final and binding unless you ask for a hearing. This letter completes the review of the Division of Water Resources under Section 401 of the Clean Water Act. If you have any questions, please contact Garcy Ward at (252) 948-3922.

Sincerely,

Amy Adams

for Thomas A. Reeder,
Director

Cc: Bill Biddlecome, US Army Corps of Engineers, Washington Field Office
Paul Williams, DCM, Elizabeth City
Clay Willis, NC DOT Division One
Sonia Carrillo, NCDWQ, 401/Wetlands Unit
File Copy

NCDENR
North Carolina Department of Environment and Natural Resources
Division of Coastal Management

Pat McCrory
Governor

Braxton C. Davis
Director

John E. Skvarla, III
Secretary

August 15, 2013

Chris Manley
Environmental Program Consultant
NC Department of Transportation
1598 Mail Service Center
Raleigh, NC 27699-1598

RE: Refinement of CAMA Major Development Permit No. 51-13 (TIP No. B-5122), Replacement of Bridge No. 51 over the Cashie River on US 13 in Bertie County.

Dear Mr. Manley:

This letter is in response to your letter dated August 7, 2013, requesting a letter of refinement to CAMA Major Permit No. 51-13, which was issued for the Replacement of Bridge No. 51 over the Cashie River in Bertie County. According to your letter, NCDOT proposes to hand clear an additional 0.32 acres of 404 wetlands in order to install a different type of pipe for the gas line than was originally proposed. The additional impacts would be required due to different assembly techniques for the pipe. The additional hand clearing would not be maintained and would be allowed to regenerate.

Please be advised that through this **Letter of Refinement,** the Division of Coastal Management (DCM) conveys its determination that the above referenced request is consistent with existing State rules and regulations and is in keeping with the original purpose and intent of CAMA Permit No. 51-13. This Letter of Refinement authorizes the hand clearing of an additional 0.32 acres of 404 wetlands as described in your request dated August 7, 2013 and as depicted on the attached design drawings (4): 2 dated July 31, 2013; and 2 dated July 25, 2013.

This Letter of Refinement does not eliminate the need to obtain any additional state, federal or local permits, approvals or authorizations that may be required. This letter shall be attached to the original of CAMA Permit No. 51-13, which was issued on May 1, 2013. Both documents shall be readily available on site when a DCM representative inspects the project for compliance. All conditions and stipulations of the active permit remain in force unless altered herein.

400 Commerce Ave., Morehead City, NC 28557
Phone: 252-808-2808 \ FAX: 252-247-3330 Internet: www.nccoastalmanagement.net

An Equal Opportunity \ Affirmative Action Employer

Please contact Paul Williams at (252) 264-3901 ext. 237 if you have any questions or concerns.

Sincerely,

Doug Huggett

Doug Huggett
Major Permits and Consistency Coordinator

cc: Paul Williams, NCDCM
Clay Willis, NCDOT
Cathy Brittingham, NCDCM
Tracey Wheeler, USACE
Garcy Ward, DWR

400 Commerce Ave., Morehead City, NC 28557
Phone: 252-808-2808 \ FAX: 252-247-3330 Internet: www.nccoastalmanagement.net

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B-5122 NEU ENVIRONMENTAL PERMIT NARRATIVE

Town of Windsor – 6 inch force sewer main: The 6" force sewer main (Force Sanitary Sewer; 6" FSS) will be directionally bored outside of wetland boundaries on the south end of the project but will require open trenching (excavation of 6 foot trench) from L-22+92 to L-24+00 and hand clearing within wetland boundaries from approximately L-23+11 to L-23+78. Temporary fill in the wetlands will occur on the west side of the L- line from approximately L-23+11 to L-23+72 and will be approximately 21 feet wide. Some of these impacts will occur in an area to be permitted for Fill due to the roadway/bridge facility, therefore they are not listed within the Utility Wetland Impact Summary Sheet. Contact: Mr. William Coburn – Public Works Director (water/sewer/power); Town of Windsor; P. O. Box 508; Windsor, NC 27983; office: 252-794-3121; cell: 252-724-0125.

Town of Askewville – 8 inch force sewer main: The 8" force sewer main (Force Sanitary Sewer; 8" FSS) will be directionally bored outside of wetland boundaries on the south end of the project but will require open trenching (excavation of 6 foot trench) from L-23+11 to 23+72 and hand clearing within wetland boundaries from L-22+92 to approximately L-24+00. Temporary fill in the wetland will occur from approximately L-23+11 to L-23+75 and will be approximately 21 feet wide. These impacts will occur in an area to be permitted for Fill due to the roadway/bridge facility, therefore they are not listed within the Utility Wetland Impact Summary Sheet. Contact: Town of Askewville; P. O. Box 655; Windsor, NC 27983-0655; Phone: 252-794-2553.

Century Link Telephone: The telephone line and multiuse poles will be relocated to the east side of the road within wetland boundaries. The poles are currently within wetland boundaries on the west side of the road. The two existing poles on the northern end of the project are within areas to be permitted for Fill due to the roadway facility. The existing pole on the southern end of the project will be removed with equipment staged in the area to be filled for the proposed bridge facility. The proposed multiuse poles will produce fill in the wetland and the area will be hand cleared for the overhead lines from L-18+91 to L-19+35 and L-13+48 to L-15+08. Contact: Mrs. Cecelia Price; CenturyLink; 1528 Brimley Drive; Greenville, NC 27834; Phone: 252-321-9401.

Piedmont Natural Gas – 12 inch gas line: The 12" gas line will be directionally bored outside of wetland boundaries on the south and north end of the project. Hand clearing in the wetland on the northwest side of the bridge of 0.04 acres will occur in order to provide adequate site distance for the gas line installation. Hand clearing will occur in the wetland on the southwest of the bridge off of the project in order to provide room for staging the gas pipe. Approximately 0.28 acres of hand clearing will occur in the wetland due to hand clearing this gas pipe staging area. Contact: Mr. John Hughes; Piedmont Natural Gas; 410 Dowd Street; Tarboro, NC 27886; Phone: 252-641-8411.

Bertie County – 8 inch water line – The 8” water line will be directionally bored outside the wetland boundaries on the southeast side and the northeast side of the project. The open trenching for the water line is outside the wetland and will not impact the wetlands. There is an area on the northeast side of the L-line which will require excavation in the wetlands from approximately L-22+53 to L-22+61. It will vary in width from 6 to 13 feet in width. Contact: Mr. Ricky Spivey Public Works Director Bertie County Water P.O. Box 487 Windsor, N.C. 27983 office 252-724-1671.

`

			WETLAND IMPACTS					SURFACE WATER IMPACTS				
Site No.	Station (From/To)	Structure Size / Type	Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	13+22 to 15+12	Multiuse Phone Pole	<0.01		<0.01		0.06					
2	16+49 to 21+79	Multiuse Phone Pole	<0.01				0.18					
3	21+79 to 23+00	Sewer Lines		0.03	0.02		0.06					
4	Off Project	Gas Line Staging					0.28					
5	23+51 TO 25+30	Gas Line					0.04					
TOTALS:			<0.01	0.03	0.02		0.62					

Note:

Revised 8/1/13

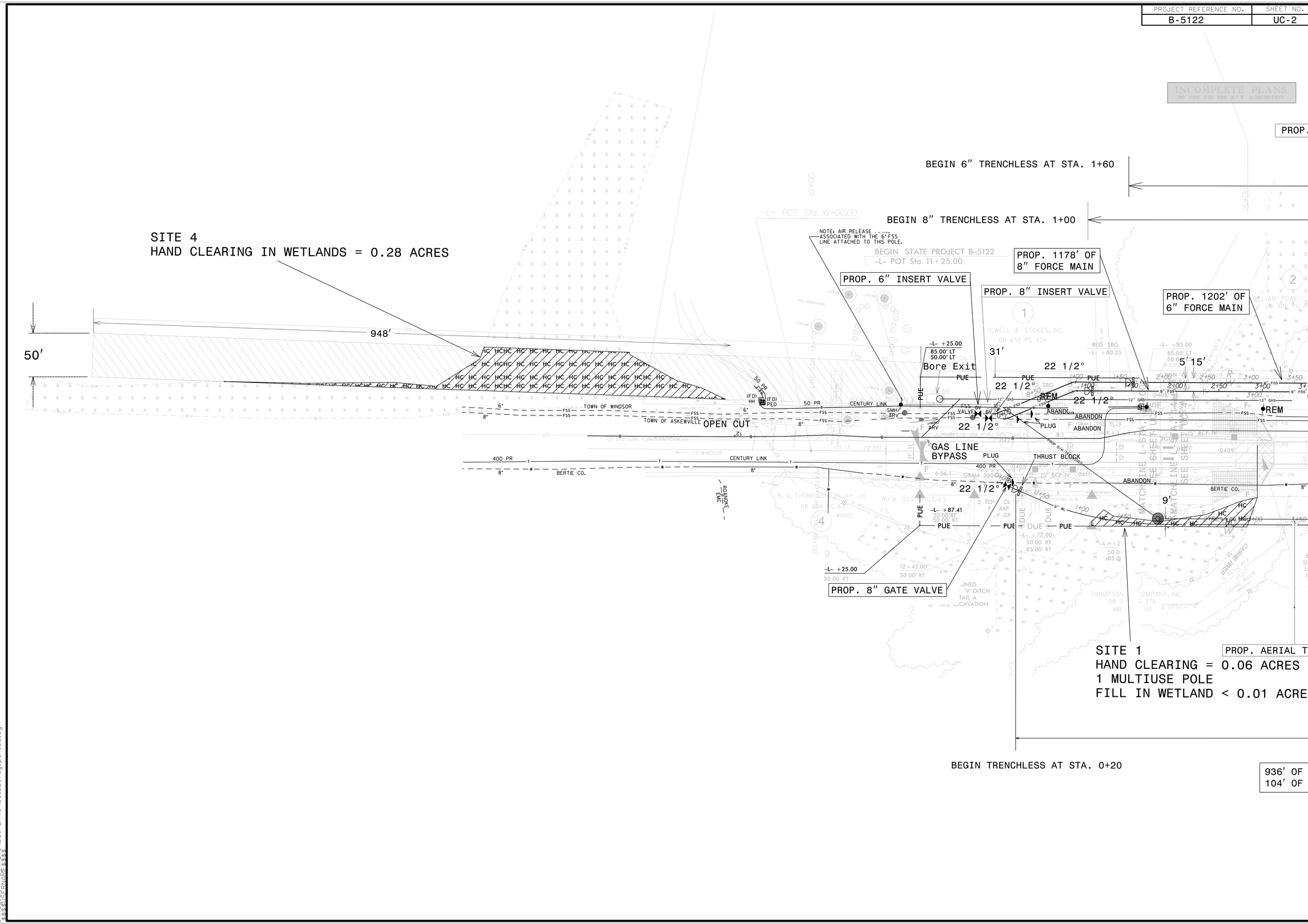
NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

BERTIE COUNTY
WBS - 42264.1.1 (B-5122)

SHEET 1 OF 1 8/1/2013

ATN Revised 3/31/05

PROJECT REFERENCE NO.	SHEET NO.
B-5122	UC-2



25-JUL-2013 17:26

PROJECT REFERENCE NO.	SHEET NO.
B-5122	UC-3

UTILITY CONSTRUCTION

878′ OF 6″ TRENCHLESS INSTALLATION (IN SOIL)
98′ OF 6″ TRENCHLESS INSTALLATION (NOT IN SOIL)

918′ OF 8″ TRENCHLESS INSTALLATION (IN SOIL)
102′ OF 8″TRENCHLESS INSTALLATION (NOT IN SOIL)

BEGIN 6″ TRENCHLESS AT STA. 1+60

END 6″ TRENCHLESS AT STA. 11+36

6″ TRENCHLESS INSTALLATION

8″ TRENCHLESS INSTALLATION

BEGIN 8″ TRENCHLESS AT STA. 1+00

END 8″ TRENCHLESS AT STA. 11+20

PROP. 12″ GAS LINE

PROP. 1178′ OF 8″ FORCE MAIN

PROP. 8″ INSERT VALVE

PROP. 1202′ OF 6″ FORCE MAIN

ABANDON 1178′ OF 6″ UTILITY PIPE

ABANDON 1158′ OF 8″ UTILITY PIPE

PROP. 12″ GAS LINE

PROP. 6″ INSERT VALVE

SITE 3
HAND CLEARING IN WETLANDS = 0.06 ACRES
EXCAVATION IN WETLANDS = 0.02 ACRES
TEMP FILL IN WETLANDS = 0.03 ACRES

SITE 3

SITE 5
HAND CLEARING IN WETLANDS = 0.04 ACRES

SITE 1
HAND CLEARING = 0.06 ACRES
1 MULTIUSE POLE
FILL IN WETLAND < 0.01 ACRES

PROP. AERIAL TELEPHONE LINE

SITE 2
HAND CLEARING = 0.18 ACRES
3 MULTIUSE POLES
FILL IN WETLAND < 0.01 ACRES
EXCAVATION IN WETLANDS < .01 ACRES

PROP. 1123′ OF 8″ WATER LINE

ABANDON 1099 OF 8″ UTILITY PIPE

PROP. AERIAL TELEPHONE LINE

PROP. 8″ GATE VALVE

PROP. 8″ INSERT VALVE

SITE 2

8″ TRENCHLESS INSTALLATION

BEGIN TRENCHLESS AT STA. 0+20

END TRENCHLESS AT STA. 10+60

936′ OF 8″ TRENCHLESS INSTALLATION (IN SOIL)
104′ OF 8″ TRENCHLESS INSTALLATION (NOT IN SOIL)

E E DENOTES EXCAVATION IN WETLAND

HC HC DENOTES HAND CLEARING

T T DENOTES TEMPORARY FILL IN WETLAND

F F DENOTES FILL IN WETLAND

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

5/14/99
31-JUL-2013 17:22
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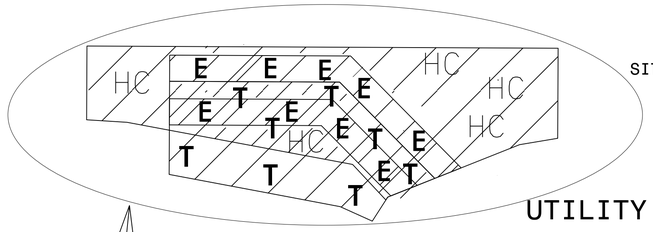
PROJECT REFERENCE NO.	SHEET NO.
B-5122	UC-4



SITE 3

UTILITY CONSTRUCTION

RENCHLESS INSTALLATION (IN SOIL)
NCHLESS INSTALLATION (NOT IN SOIL)

RENCHLESS INSTALLATION (IN SOIL)
NCHLESS INSTALLATION (NOT IN SOIL)

END 6″ TRENCHLESS AT STA. 11+36

" TRENCHLESS INSTALLATION

" TRENCHLESS INSTALLATION

END 8″ TRENCHLESS AT STA. 11+20

PROP. 12″ GAS LINE

NDON 1178′ OF
UTILITY PIPE

SITE 3
HAND CLEARING IN WETLANDS = 0.06 ACRES
EXCAVATION IN WETLANDS = 0.02 ACRES
TEMP FILL IN WETLANDS = 0.03 ACRES

PROP. 6″ INSERT VALVE

N 1158′ OF
LITY PIPE

SITE PLAN FOR DIRECTIONAL BORE EQUIPMENT

Bore Entrance

OPEN CUT

EXISTING 12″ GAS LINE

GAS LINE BYPASS

SITE 5
HAND CLEARING IN WETLANDS = 0.04 ACRES

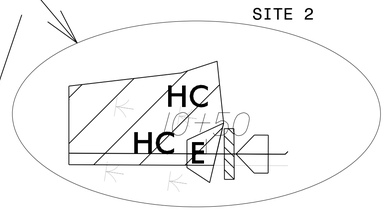
SITE 2
HAND CLEARING = 0.18 ACRES
3 MULTIUSE POLES
FILL IN WETLAND < 0.01 ACRES
EXCAVATION IN WETLANDS < .01 ACRES

PROP. 8″ GATE VALVE

PROP. 8″ INSERT VALVE

PROP. AERIAL TELEPHONE LINE

SITE 2



PROP. 1123′ OF
" WATER LINE

ABANDON 1099 OF
" UTILITY PIPE

S INSTALLATION

END TRENCHLESS AT STA. 10+60

J SOIL)
OT IN SOIL)

DENOTES EXCAVATION IN WETLAND

DENOTES HAND CLEARING

DENOTES TEMPORARY FILL IN WETLAND

DENOTES FILL IN WETLAND

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

31-JUL-2013 17:25
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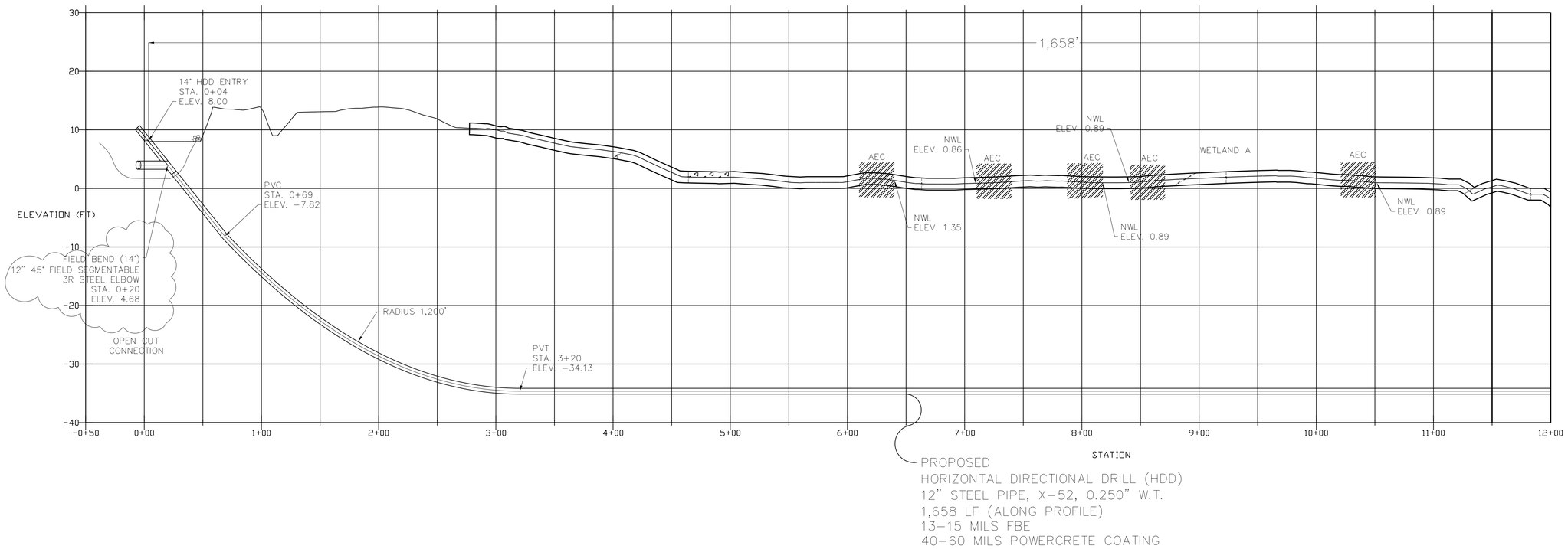
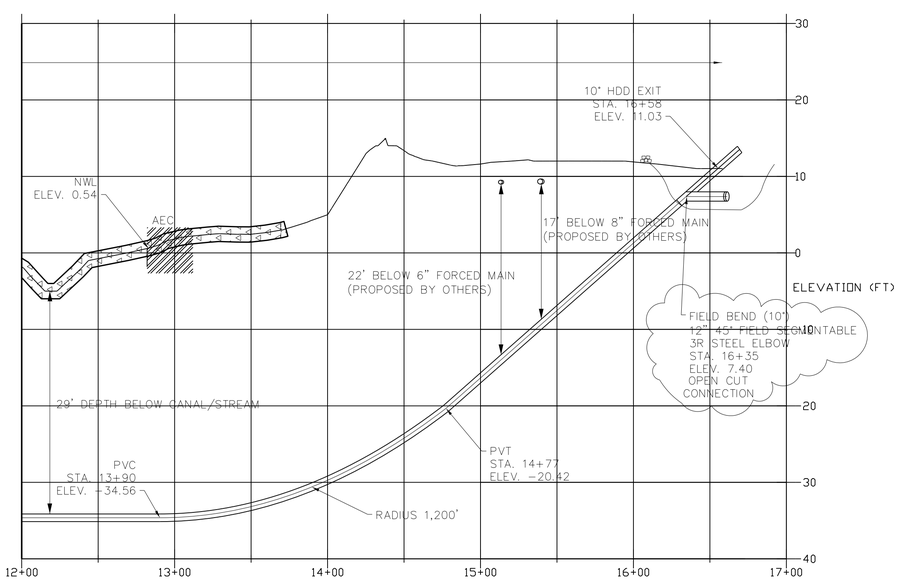
$$$$USERNAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
B-5122	UC-20

12" STEEL GAS LINE





5/14/99

25-JUL-2013 18:50
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$$$$USERNAME$$$$