



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

September 10, 2012

U. S. Army Corps of Engineers  
Regulatory Field Office  
69 Darlington Avenue  
Wilmington NC 28402-1890

ATTN: Mr. Ronnie Smith  
NCDOT Coordinator

Dear Sir:

Subject: **Request for Modification to the Section 404 Individual Permit and Section 401 Water Quality Certification** for widening and new lane construction from US 74 Rockingham/Hamlet Bypass to US 220 Ellerbe Bypass in Richmond County. Federal Aid Project No. NHF-0220(4), State Project No. 8.1580802, Division 8, TIP No. R-3421A, B and C.

Debit \$570 from WBS 34542.1.1


Reference: USACE Individual Permit Action ID SAW-1996-03023, dated August 7, 2012.  
NCDWQ Water Quality Certification No. 20120142, dated May 10, 2012.

The purpose of this letter is to request a modification to the United States Army Corps of Engineers (USACE) Individual Permit and North Carolina Division of Water Quality Certification for the above referenced project. The requested modification is to account for additional temporary impacts to the project. It was discovered after receipt of the permit for the project that additional temporary stream impacts will occur due to a fill slope on the temporary detour alignment. The fill slopes at Site 13 (Permit Drawing Sheet 12 of 49) will have to be expanded farther than in the original permit application to accommodate the travel lane for the temporary detour. This action will cause an additional 27 linear feet (<0.01 acres) of temporary impact will occur at this site, due to the placement of a pipe. The pipe will be removed after construction is complete. The additional impact has been labeled as Site 13A on the attached permit drawings. The total temporary stream impacts for the project are now 438 linear feet (0.06 acres). There are no additional permanent impacts to

streams or wetlands. Please replace the current permit drawings with the new revised drawings attached with this letter (Permit Drawing Sheet 12, 13, 48 and 49 of 49) and insert new permit drawing (Permit Drawing Sheet 45A of 49).

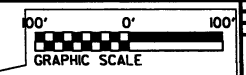
Thank you for your assistance with this project. If you have any questions or need additional information, please contact Mr. Jason Dilday at [jldilday@ncdot.gov](mailto:jldilday@ncdot.gov) or (919) 707-6111. A copy of this modification application will also be posted at <https://connect.ncdot.gov/resources/Environmental/Pages/default.aspx>

Sincerely,

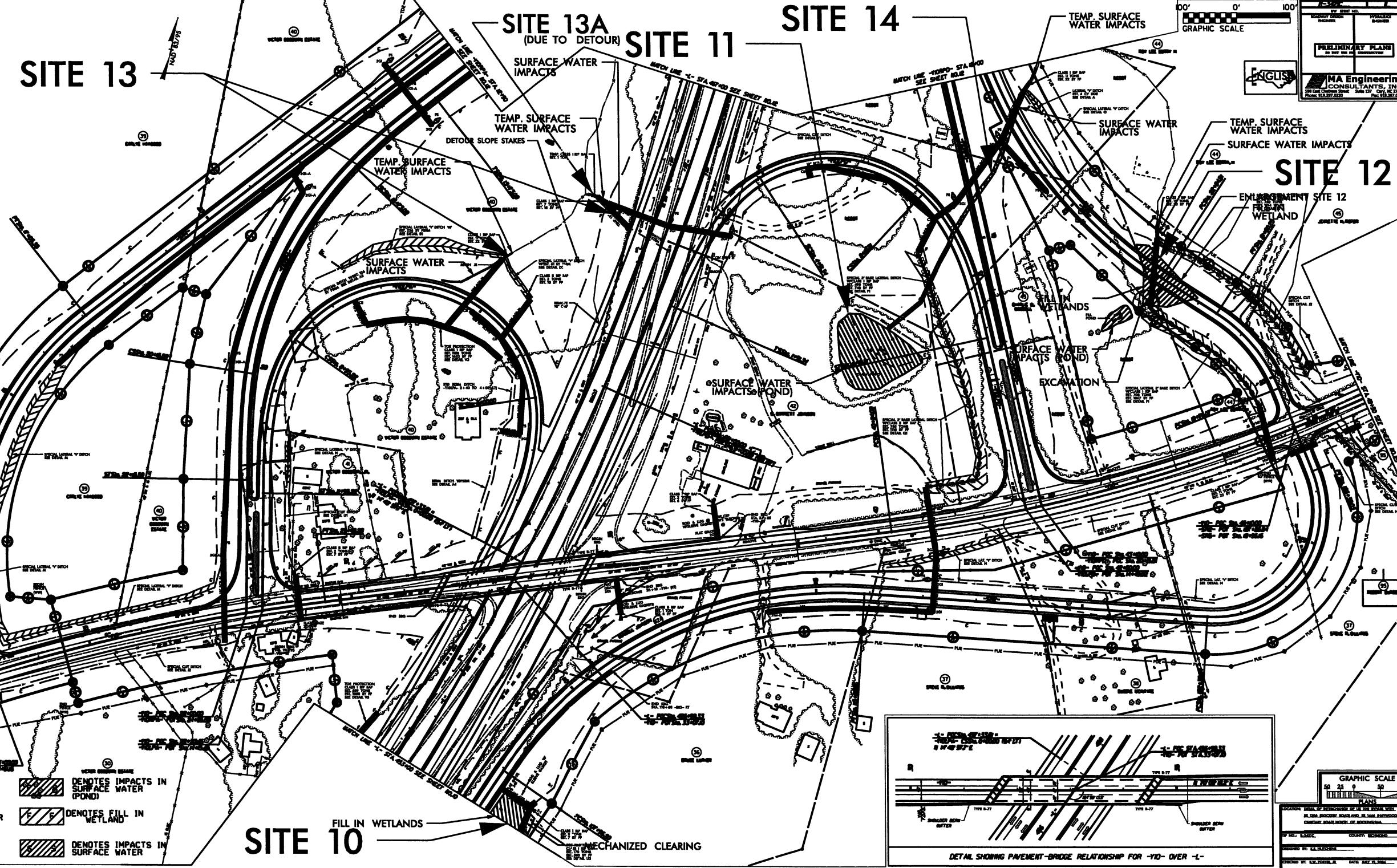
*fev*   
Gregory J. Thorpe, Ph.D., Manager  
Project Development and Environmental Analysis Unit

CC:  
NCDOT Permit Application Standard Distribution List

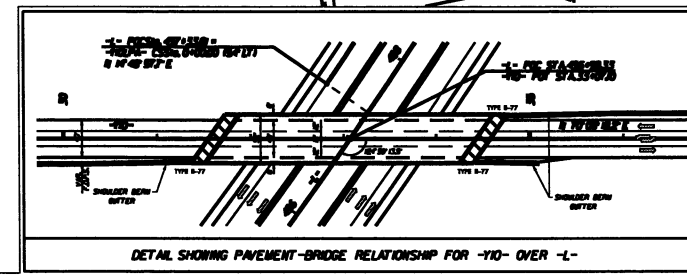
Permit Drawing  
 Sheet 12 of 49  
 Revised 9/29/02



PROJECT REFERENCE NO. 02-00000000  
 SHEET NO. 12 OF 49  
 PRELIMINARY PLANS  
 MA Engineering CONSULTANTS, INC.  
 1000 N. GARDNER ST. SUITE 100  
 GAITHERSBURG, MD 20878  
 TEL: 301.941.1100 FAX: 301.941.1101

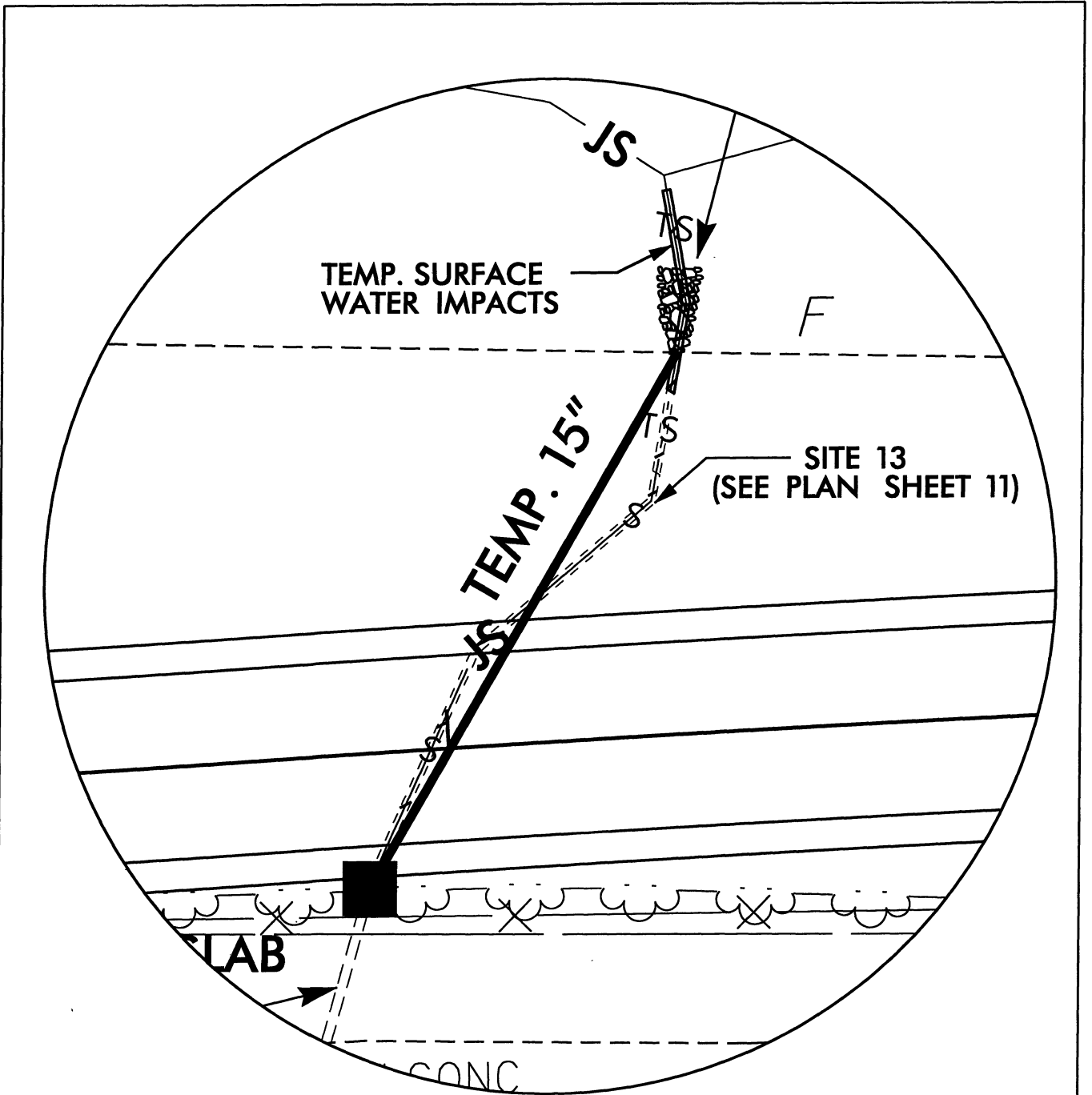


- DENOTES MECHANIZED CLEARING
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES EXCAVATION IN WETLAND
- DENOTES IMPACTS IN SURFACE WATER (POND)
- DENOTES FILL IN WETLAND
- DENOTES IMPACTS IN SURFACE WATER



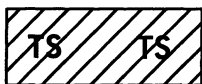
GRAPHIC SCALE  
 0 25 50 100  
 FEET  
 PLANS  
 POSITION: AREA OF INTEREST OF THE PROJECT  
 IN THE COUNTY OF... STATE OF...  
 COUNTY:... STATE:...



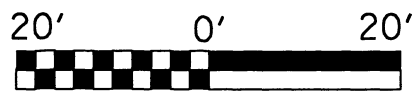


**SITE 13A ENLARGMENT**

Permit Drawing  
 Sheet 45A of 49  
 Revised 8/28/2012



DENOTES TEMPORARY  
 IMPACTS IN SURFACE WATER



GRAPHIC SCALE

**NCDOT**

DIVISION OF HIGHWAYS  
 RICHMOND COUNTY

PROJECT: 34542.1.2 (R-3421C)

US 220 BYPASS FROM 0.2 MILES SW OF  
 SR 1304 TO US 220 BUS/US 220 BYPASS  
 INTERCHANGE SOUTH OF ELLERBE

SHEET OF 08/09/12

WETLAND PERMIT IMPACT SUMMARY																
Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS				SURFACE WATER IMPACTS									
			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	-L- 354+45		0.03			0.05										
2	-L- 355+25 (LT)		0.16			0.04										
3	-L- 373+40 (LT)		0.17			0.02										
4	-L- 376+50		0.69			0.10										
5	-L- 383+50		1.30		0.01	0.14				0.03	<0.01		278	20		
6	-L- 385+50 (LT)				<0.01	0.01										
7	-L- 398+50		2.58		<0.01	0.08										
8	-L- 435+00 (LT)		0.19		0.07	0.05				0.12	<0.01		629	10		
9	-L- 435+00 (RT)		0.59		0.01	0.07				0.05	<0.01		463	20		
10	-L- 451+00 (RT)		0.83			0.09										
11	-Y10LPD- 11+00 (RT)	POND								0.35						
12	-SR5- 23+00		0.16		<0.01					<0.01	<0.01		40	10		
13	-SR5- 23+00	POND								0.03						
13A	-L- 462+70 (LT)			0.00						<0.01	<0.01		205	20		
14	-L- 462+70 (LT)	TEMP. DETOUR									<0.01			27		
14	-Y10RPD-14+00									0.07	<0.01		538	10		
15	-SR4- 28+00	POND	0.10							1.24						
16	-Y10RPD- 8+00	POND								0.99						
16	-Y10RPD- 8+00				0.02	0.01				<0.01			61			
17a	-L- 473+00 LT	Intermittant								0.02	<0.01		381	10		
17b	-L- 473+00 LT	Perennial								0.03	<0.01		606	10		
18	-L- 485+50									0.02	<0.01		208	17		
18	-L- 484+90 RT	Bank Stabilization								<0.01			10			
19	-L- 489+40									0.01	<0.01		199	22		
SUBTOTAL SHEET 1:			6.80		0.11	0.65				2.96	0.01		3618	176		

Site 11, 15, & 16 are non-mitigable pond impacts. Site 15 includes 0.10ac of non-mitigable fringe wetlands bordering pond.

Site 12 includes 0.0309ac of non-mitigable surface water impacts for pond impacts, and 0.0048ac of other mitigable surface water impacts for stream impacts.

Site 17b includes 428ft. non-mitigable impacts to an existing concrete lined ditch.

Permit Drawing  
Sheet 48 of 49  
Revised 8/26/2012

N.C.D.O.T.  
DIVISION OF HIGHWAYS  
RICHMOND COUNTY  
PROJECT: 34542.1.2 (R-3421C)  
US 220 BYPASS FROM 0.2 MILES SW OF  
SR1304 TO US220BUS/US220 BYPASS  
INTERCHANGE SOUTH OF ELLERBE  
SHEET 8 OF 8 8/16/2012

