

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE GOVERNOR

EUGENE A. CONTI, JR. SECRETARY

Revised July 10, 2012

July 3, 2012

Wilmington Regulatory Field Office US Army Corps of Engineers 69 Darlington Avenue Wilmington, North Carolina 28403

ATTN:

Mr. Brad Shaver

NCDOT Coordinator

Dear Sir:

Subject: Revised Application for Individual Section 404 and Section 401 Water Quality

Certification for the proposed improvements to NC 24 from 2.8 miles east of I-95 to I-40 in Cumberland, Sampson, and Duplin Counties. Federal Aid Project No. STPNHF-F-8-

2(17), TIP No. R-2303. WBS 34416.

Reference: NCDOT application dated March 8, 2012

The purpose of this letter is to revise the previously submitted individual permit application. Permit Site 8 of R-2303A has been revised due to constructability issues and to allow for additional natural stream design (NSD). There will be a total of 294 feet of NSD with this new proposal, an increase of 227 feet. Due to the increase in natural stream design footage, NCDOT is now proposing compensatory mitigation for 278 feet of stream impacts from EEP and 294 feet from onsite NSD. Revised permit drawings 2, 27, 28, 30, 32, and 43 as well as a revised EEP Acceptance Letter are included with this request.

A copy of this revised permit application and its distribution list will be posted on the NCDOT website at: http://www.ncdot.org/doh/preconstruct/pe/neu/permit.html

If you have any questions or need additional information, please contact Chris Manley at 919-707-6135 or cdmanley@ncdot.gov.

Sincerely.

Gregory J. Thorpe, Ph.D., Manager

Project Development and Environmental Analysis Unit

NCDOT Permit Application Standard Distribution List.

WEBSITE: WWW.NCDOT.ORG



June 26, 2012

Mr. Gregory J. Thorpe, Ph.D.

Manager, Project Development and Environmental Analysis Unit
North Carolina Department of Transportation
1548 Mail Service Center
Raleigh, North Carolina 27699-1548

Dear Dr. Thorpe:

Subject: EEP Mitigation Acceptance Letter:

R-2303A, NC 24 from West of SR 1006 (Maxwell Road / Clinton Road) to SR 1853 (John Nunnery Road), Cumberland County

The purpose of this letter is to notify you that the Ecosystem Enhancement Program (EEP) will provide the compensatory stream, riparian and non-riparian wetland mitigation for the subject project. Based on the information supplied by you on June 21, 2012, the impacts are located in CU 03030006 of the Cape Fear River basin in the Southern Inner Coastal Plain (SICP) Eco-Region, and are as follows:

Cape Fear		Stream			Wetlands	Buffer (Sq. Ft.)			
03030006 SICP	Cold	Cool	Warm	Riparian	Non- Riparian	Coastal Marsh	Zone 1	Zone 2	
Impacts (feet/acres)	0	0	278	2.46	5.22	0	0	0	

This mitigation acceptance letter replaces the mitigation acceptance letters issued on February 28 and April 12, 2012. EEP commits to implementing sufficient compensatory stream, riparian and non-riparian wetland mitigation credits to offset the impacts associated with this project as determined by the regulatory agencies in accordance with the N.C. Department of Environment and Natural Resources' Ecosystem Enhancement Program In-Lieu Fee Instrument dated July 28, 2010. If the above referenced impact amounts are revised, then this mitigation acceptance letter will no longer be valid and a new mitigation acceptance letter will be required from EEP.

If you have any questions or need additional information, please contact Ms. Beth Harmon at 919-715-1929.

Sincerely,

Suzanne Klimek
EEP Acting Director

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Mr. Ronnie Smith, USACE – Wilmington Regulatory Field Office

Mr. David Wainwright, Division of Water Quality, Wetlands/401 Unit

File: R-2303A Revised 2

cc:



DITCH DETAILS

PROJECT REFERENCE NO. SHEET NO. R-2303A 2-T

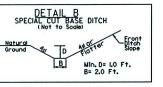
RW SHEET NO.

HYDRAULICS ENGINEER

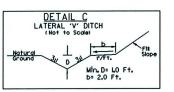


FROM STA. 21+50 TO STA. 28+40 -L- LT. FROM STA. 53+70 TO STA. 60+00 -L- LT. FROM STA. 64+50 TO STA. 60+00 -L- LT. FROM STA. 107+00 TO STA. 112+33 -L- LT. FROM STA. 112+33 TO STA. 112+33 -L- LT. FROM STA. 112+30 TO STA. 112+00 -L- LT. FROM STA. 115+00 TO STA. 117+90 -L- LT. FROM STA. 115+00 TO STA. 120+50 -L- LT. FROM STA. 125+50 TO STA. 130+00 -L- LT. FROM STA. 121+50 TO STA. 130+70 -L- LT. FROM STA. 131+50 TO STA. 133+70 -L- LT. FROM STA. 131+50 TO STA. 152+00 -L- LT. FROM STA. 131+50 TO STA. 152+00 -L- LT. FROM STA. 175+00 TO STA. 152+00 -L- LT. FROM STA. 175+00 TO STA. 181+00 -L- LT. FROM STA. 175+00 TO STA. 181+00 -L- LT. FROM STA. 120+50 TO STA. 224+05 -L- LT. FROM STA. 231+50 TO STA. 248+50 -L- LT. FROM STA. 305+50 TO STA. 307+50 -L- LT. FROM STA. 310+00 TO STA. 307+50 -L- LT. FROM STA. 310+00 TO STA. 310+00 -L- LT. FROM STA. 310+00 TO STA. 310+00 -L- LT. FROM STA. 310+00 TO STA. 310+00 -L- LT. FROM STA. 310+50 TO STA. 322+00 -L- LT. FROM STA. 333+50 TO STA. 332+50 -L- LT. FROM STA. 333+50 TO STA. 332+50 -L- LT. FROM STA. 333+50 TO STA. 336+50 -L- LT. FROM STA. 335+50 TO STA. 336+50 -L- LT. FROM STA. 351+00 TO STA. 336+50 -L- LT. FROM STA. 351+00 TO STA. 336+50 -L- LT. FROM STA. 351+00 TO STA. 360+50 -L- LT. FROM STA. 35

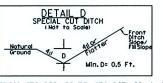
FROM STA. 336+50 TO STA. 340+00 -L- LT. FROM STA. 331+00 TO STA. 360+50 -L- LT. FROM STA. 30+00 TO STA. 33-80 -L- RT. FROM STA. 49+00 TO STA. 50+50 -L- RT. FROM STA. 49+00 TO STA. 55+00 -L- RT. FROM STA. 90+00 TO STA. 55+00 -L- RT. FROM STA. 90+00 TO STA. 90+50 -L- RT. FROM STA. 107+00 TO STA. 112+80 -L- RT. FROM STA. 112+80 TO STA. 112+80 -L- RT. FROM STA. 112+80 TO STA. 112+80 -L- RT. FROM STA. 112+80 TO STA. 113+00 -L- RT. FROM STA. 129+00 TO STA. 131+00 -L- RT. FROM STA. 129+00 TO STA. 131+00 -L- RT. FROM STA. 155+50 TO STA. 164+50 -L- RT. FROM STA. 162+50 TO STA. 164+50 -L- RT. FROM STA. 162+50 TO STA. 164+50 -L- RT. FROM STA. 162+50 TO STA. 186+00 -L- RT. FROM STA. 162+50 TO STA. 186+00 -L- RT. FROM STA. 125+00 TO STA. 186+00 -L- RT. FROM STA. 125+00 TO STA. 186+00 -L- RT. FROM STA. 200+00 TO STA. 231+00 -L- RT. FROM STA. 225+50 TO STA. 231+00 -L- RT. FROM STA. 232+00 TO STA. 234+00 -L- RT. FROM STA. 232+00 TO STA. 232+00 -L- RT. FROM STA. 232+00 TO STA. 232+00 -L- RT. FROM STA. 236+00 TO STA. 232+00 -L- RT. FROM STA. 236+00 TO STA. 236+00 -L- RT. FROM STA. 232+00 TO STA. 232+00 -L- RT. FROM STA. 232+00 TO STA. 232+00 -L- RT. FROM STA. 232+00 TO STA. 232+00 -L- RT. FROM STA. 232+00 TO STA. 233+00 -L- RT. FROM STA. 232+00 TO STA. 331+00 -L- RT. FROM STA. 333+00 TO STA. 334+27 -L- RT. FROM STA. 333+00 TO STA. 334+27 -L- RT. FROM STA. 333+00 TO STA. 334+20 -L- RT. FROM STA. 333+10 TO STA. 334+27 -L- RT. FROM STA. 338+00 TO STA. 334+27 -L- RT. FROM STA. 338+00 TO STA. 334+20 -L- RT. FROM STA. 338+00 TO STA. 344+27 -L- RT. FROM STA. 338+00 TO STA. 344+27 -L- RT. FROM STA. 338+00 TO STA. 344+27 -L- RT. FROM STA. 322+00 TO STA. 344+20 -L- RT. FROM STA. 322+00 TO STA. 344+27 -L- RT. FROM STA. 345+50 TO STA. 344+20 -L- RT. FROM STA. 345+50 TO STA. 345+50 -Y- RT. FROM STA. 345+50



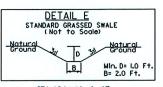
FROM STA. 195+50 TO STA. 209+00 -L- LT. FROM STA. 203+50 TO STA. 214+50 -L- RT.



FROM STA. 147+50 TO STA. 174+00 -L- LT. FROM STA. 234+00 TO STA. 240+50 -L- RT. FROM STA. 252+00 TO STA. 258+00 -L- RT. FROM STA. 276+50 TO STA. 284+00 -L- RT.



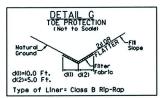
FROM STA. 365+50 TO STA. 367+00 -L- RT.



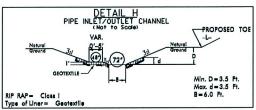
STA. 124+46 -L- LT. STA. 147+98 -L- LT STA. 190+39 -L- LT. STA. 215+02 -L- LT. STA. 96+70 -L- RT STA. 304+93 -L- RT

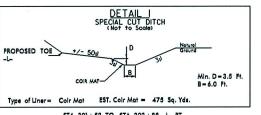


FROM STA. 161+00 TO STA. 162+00 -L- MED. FROM STA. 196+00 TO STA. 199+00 -L- MED. FROM STA. 211+00 TO STA. 214+00 -L- MED.

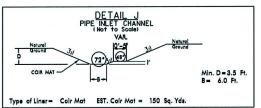


FROM STA. 300 + 38 TO STA. 305 + 00 -L- LT. FROM STA. 322 + 68 TO STA. 323 + 10 -L- RT.

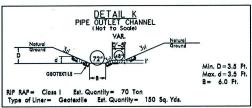




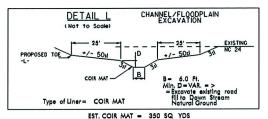
STA. 301+52 TO STA. 302+88 -L- RT



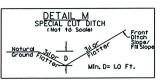
STA, 302 + 88 TO STA, 303 + 23 -L- RT



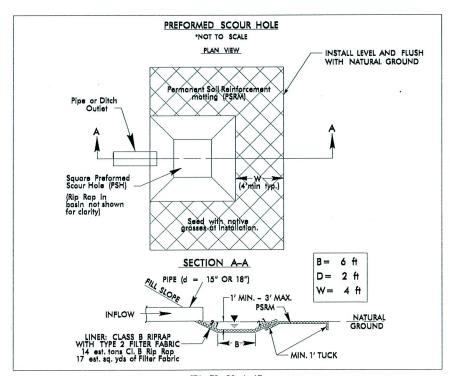
STA, 304+15 TO STA, 304+50 -L- RT



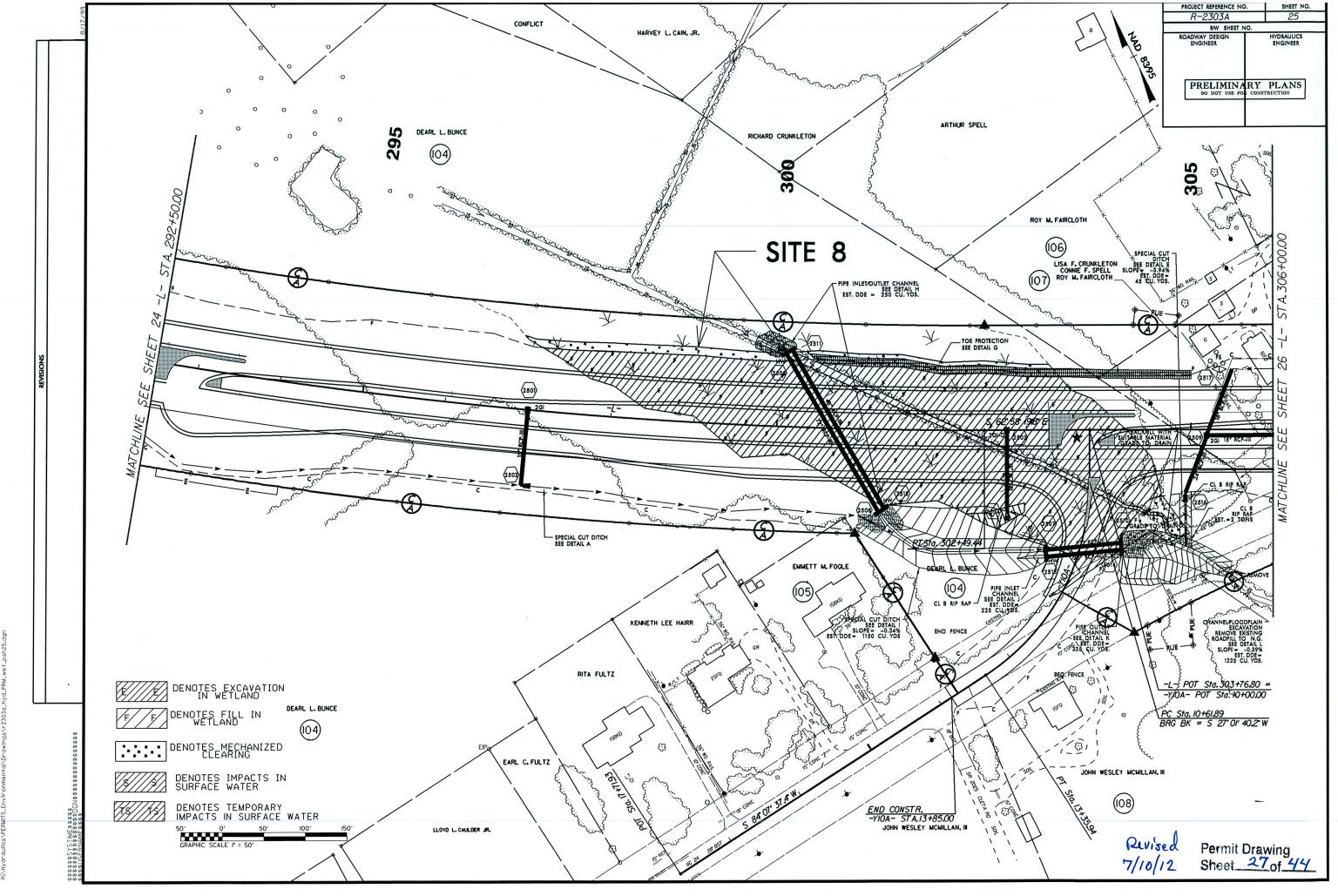
FROM STA. 304+50 TO STA. 305+41 -L- RT

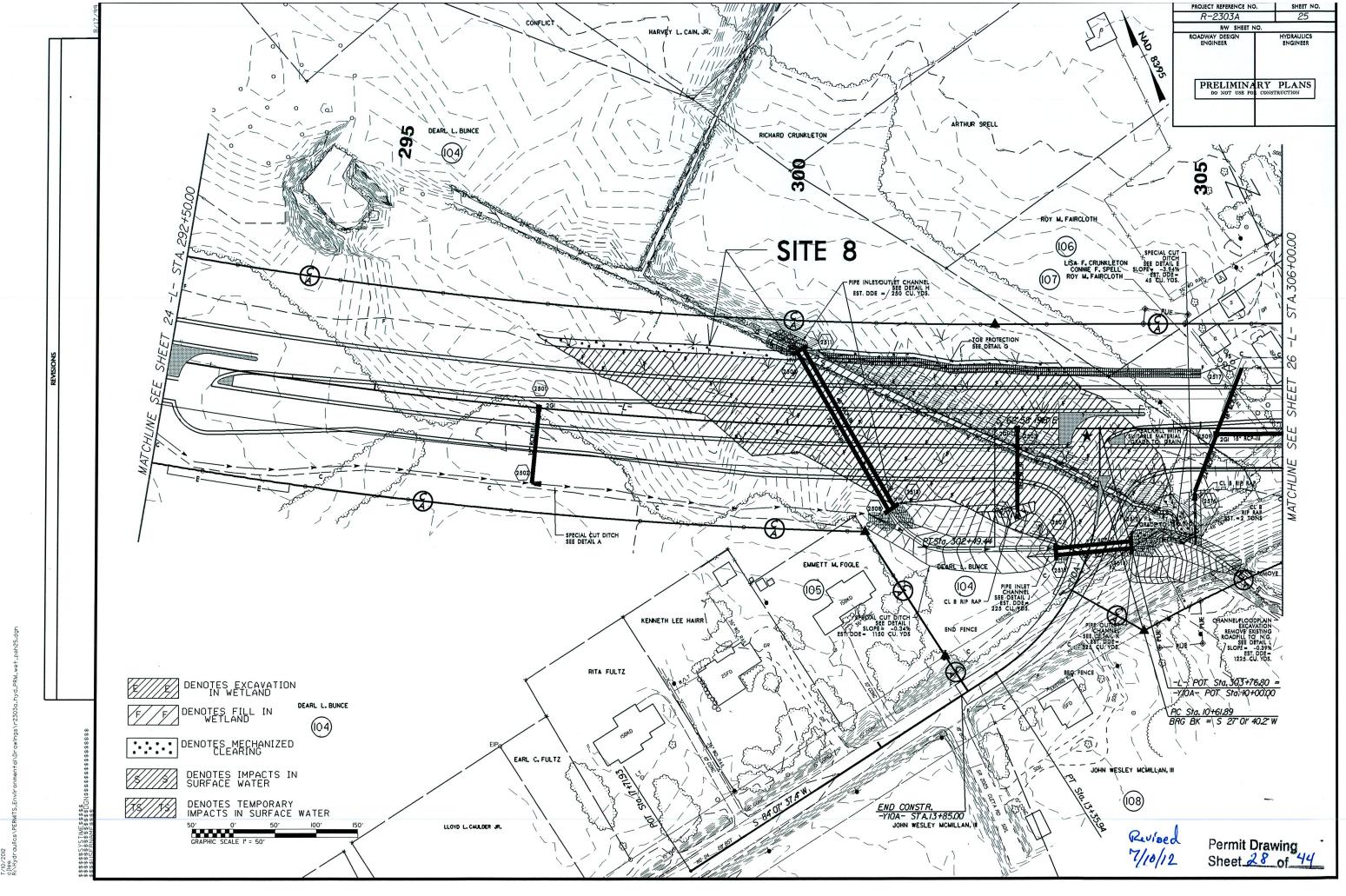


FROM STA. 300+00 TO STA. 301+33 -L- RT



STA. 73+23 -L- LT STA. 172+00 -L- RT





			Natural	Stream	Design	(E)											294.00				294
T SUMMARY	PACTS	Existing	Channel	Impacts	Temp.													27.00			27
	SURFACE WATER IMPACTS	Existing	Channel	Impacts	Permanent	(11)											531.00	41.00			572
			Temp.		ဌ	(ac)												<0.01			<0.01
			Permanent	SW.	impacts (26)	(ac)	0.13		<0.01		0.18			0.02	0.24		0.08	<0.01			0.79
MIT IMPAC		_	و ق	: ⊇	Wetlands	(ac)															
WETLAND PERMIT IMPACT SUMMARY	WETLAND IMPACTS		Mechanized	Clearing	in Wetlands	(ac)		0.53				0.03				0.20					0.76
			Excavation Mechanized		Wetlands	(ac)										0.02					0.02
			Temp.	- III	vvetiands (ac)	(ac)															
			Permanent		vvetiands (ac)	(90)		4.44				0.04				2.03					6.51
			Č	Structure	olze / i ype		Ē	Εij						Œ	Ē	Fill	2*(1@72"&1@48")	Bank Stablization			
			, in the state of	Station	(01/11017)	69+45 to 70+63-L-RT	70+93 to 72+81-L-RT	73+00 to 85+00-L-	96+93 -L- RT		131+57 to 133+50-L- RT	167+09 to 168+51-L- RT		178+97 to 179+07-L- RT	200+65 to 202+44-L-	* 296+63 to 304+66-L-	300+06 to 305+40-L-	304+40 to 304+51-L- LT			.S.
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Site 1, 4 and 7 are Pond surface water impacts.

*Site 8 Wetland sta. 296+63 -L- impact shown as a total take due to ditch. Additional impact outside of ditch is 0.02acres.

NC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

CUMBERLAND COUNTY WBS - 34416.1.1 (R-2303A) 5/25/2012

Ruised Permit Drawing 6/24/2 Sheet 43 of 44