



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT L. MCCRORY
GOVERNOR

NICHOLAS J. TENNYSON
SECRETARY

September 10, 2015

Wilmington Regulatory Field Office
US Army Corp. of Engineers
69 Darlington Avenue
Wilmington, NC 28403

N.C. Dept. of Environment & Natural Resources
Division of Coastal Management
400 Commerce Avenue
Morehead City, NC 28557

ATTN: Brad Shaver
NCDOT Coordinator

ATTN: Stephen Lane
NCDOT Coordinator

Dear Sirs:

Subject: **Modification Request for Section 404 Nationwide Permit 23, Section 10 Permit, CAMA Major Development Permit, and Section 401 Water Quality Certification** for proposed widening of the US 17-74-76/NC 133 from the NC 133/SR 1472 Interchange to the US 421/NC 133 Interchange, Brunswick County. Federal Aid Project No. NHS-0017(68); TIP No. R-3601.

Debit \$400.00 from WBS Element 38868.1.1

References: R-3601 Nationwide Permit 23 and 12, issued July 14, 2014 (SAW-2007-03461-010)
R-3601 Major CAMA permit, issued July 22, 2014 (#89-13)
R-3601 401 Water Quality Certification, issued July 14, 2014 (DWR# 13-0472v.4)
R-3601 Modification to Nationwide Permit 23 and 12, issued March 30, 2015 (SAW-2007-03461-010)
R-3601 Letter of Refinement for Major CAMA permit, issued March 30, 2015 (#89-13)
R-3601 Modification to 401 Water Quality Certification, issued March 27, 2015 (DWR# 13-0472v.5)
R-3601 Letter of Refinement for Major CAMA permit, issued July 15, 2015 (#89-13)

The purpose of this letter is to request modification and/or a letter of refinement of the issued permits on this project to accommodate construction of the temporary work bridge on the south side of Structure 107. Please find enclosed the revised permit drawing sheets 28, 29 and 44 for the above referenced project.

The contractor has determined an additional 0.02 acre of temporary fill is necessary to create a causeway for work bridge access at site 10. In addition, approximately 0.04 acre of hand clearing will be required for construction of the work bridge.

Regulatory Approvals

CAMA: NCDOT requests that the Coastal Area Management Act (CAMA) Major Development permit (#89-13) issued on July 22, 2014 be modified to account for an increase in impacts.

Section 404 Permit: All aspects of this project are being processed by the Federal Highway Administration as a "Categorical Exclusion" in accordance with 23 CFR 771.115(b). The NCDOT requests that these activities be re-issued under the existing Nationwide Permit 23 (refer to NWP 23 issued on July 14, 2014 SAW-2007-03641-010).

Section 401 Permit: We anticipate 401 General Certification number 3891 will apply to this project as it was previously permitted (refer to 401 Water Quality Certification issued on July 14, 2014 DWQ#: 13-0472). NCDOT is providing this modification request to the NCDWR for their review and approval.

A copy of this permit modification request will be posted on the NCDOT Website at: <https://connect.ncdot.gov/resources/Environmental/Pages/default.aspx> under Quick Links > Permit Applications

Thank you for your assistance with this project. If you have any questions or need additional information, please contact Tyler Stanton at tstanton@ncdot.gov or (919) 707-6156.

Sincerely,



RS

Richard Hancock, P.E., Manager
Project Development and Environmental Analysis Unit

cc: Mason Herndon, NCDWR
Stoney Mathis, Division 3 Environmental Officer

8/17/99

PROJECT REFERENCE NO. R-3601		SHEET NO. 9	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION			

Stantec
 Stantec Consulting Services Inc.
 301 Jones Franklin Road
 Suite 300
 Raleigh, NC 27608
 Tel. (919) 851-6865
 Fax. (919) 851-7024
 www.stantec.com
 License No. F-0572

PERMIT DRAWING
SHEET 28 OF 44

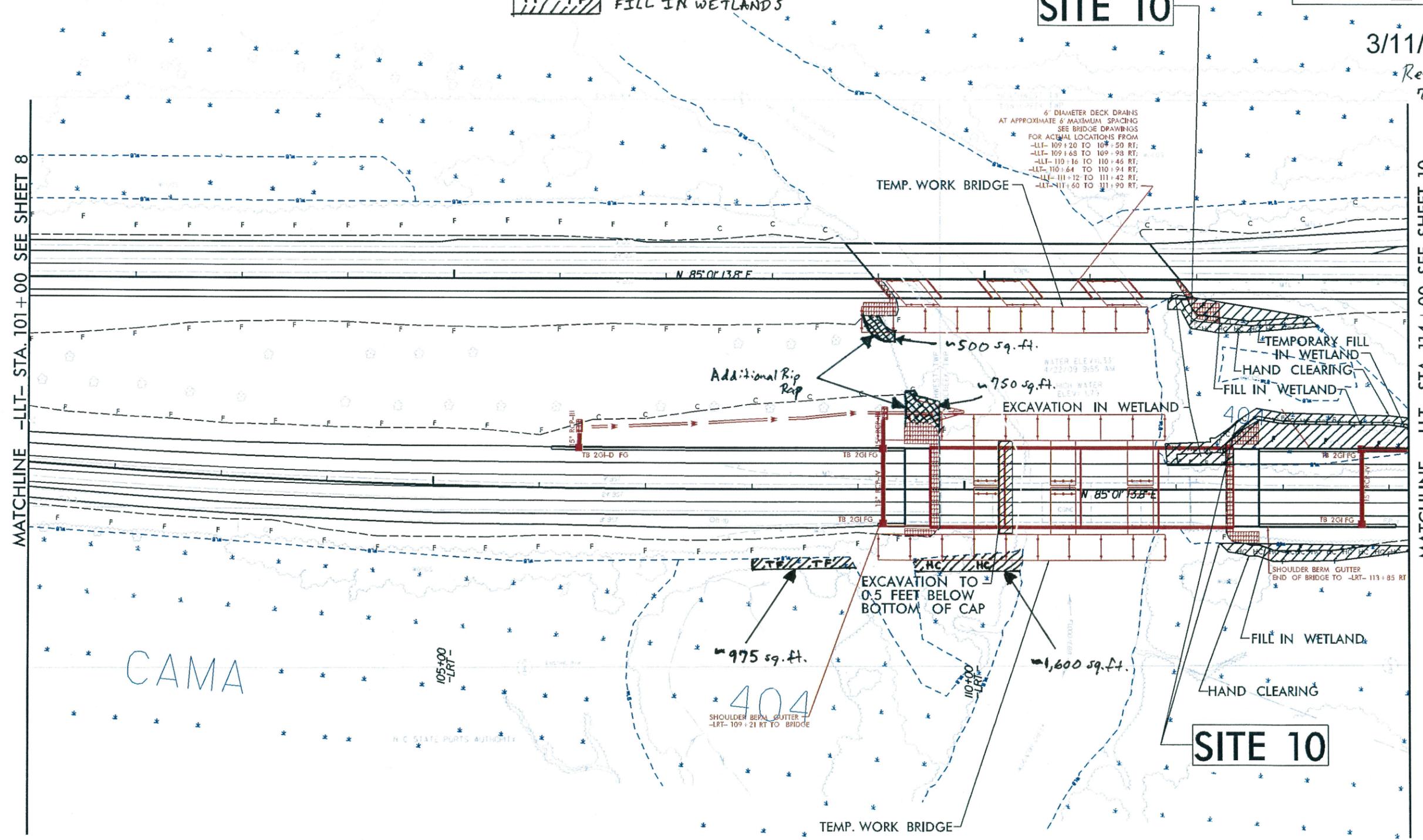
- DENOTES FILL IN WETLAND
- DENOTES HAND CLEARING
- DENOTES EXCAVATION IN WETLAND
- DENOTES TEMPORARY FILL IN WETLANDS

NAD 83/95

SITE 10

3/11/2015

Revised
7/13/15
SDM
Revised
9/8/15
SDM



MATCHLINE -LLT- STA. 101+00 SEE SHEET 8

MATCHLINE -LLT- STA. 114+00 SEE SHEET 10

REFERENCE:
FOR -LLT- & -LRT- PROFILE VIEW, SEE SHEETS 19-20

5/8/2014
STANTEC
R-3601 PERMIT PACKAGE 20140508.PDF

8/17/99

PROJECT REFERENCE NO. R-3601	SHEET NO. 9
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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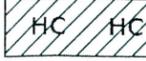
Stantec
 Stantec Consulting Services Inc.
 901 Jones Franklin Road
 Suite 200
 Raleigh, NC 27606
 Tel. (919) 851-3886
 Fax. (919) 851-7024
 www.stantec.com
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PERMIT DRAWING
SHEET 29 OF 44

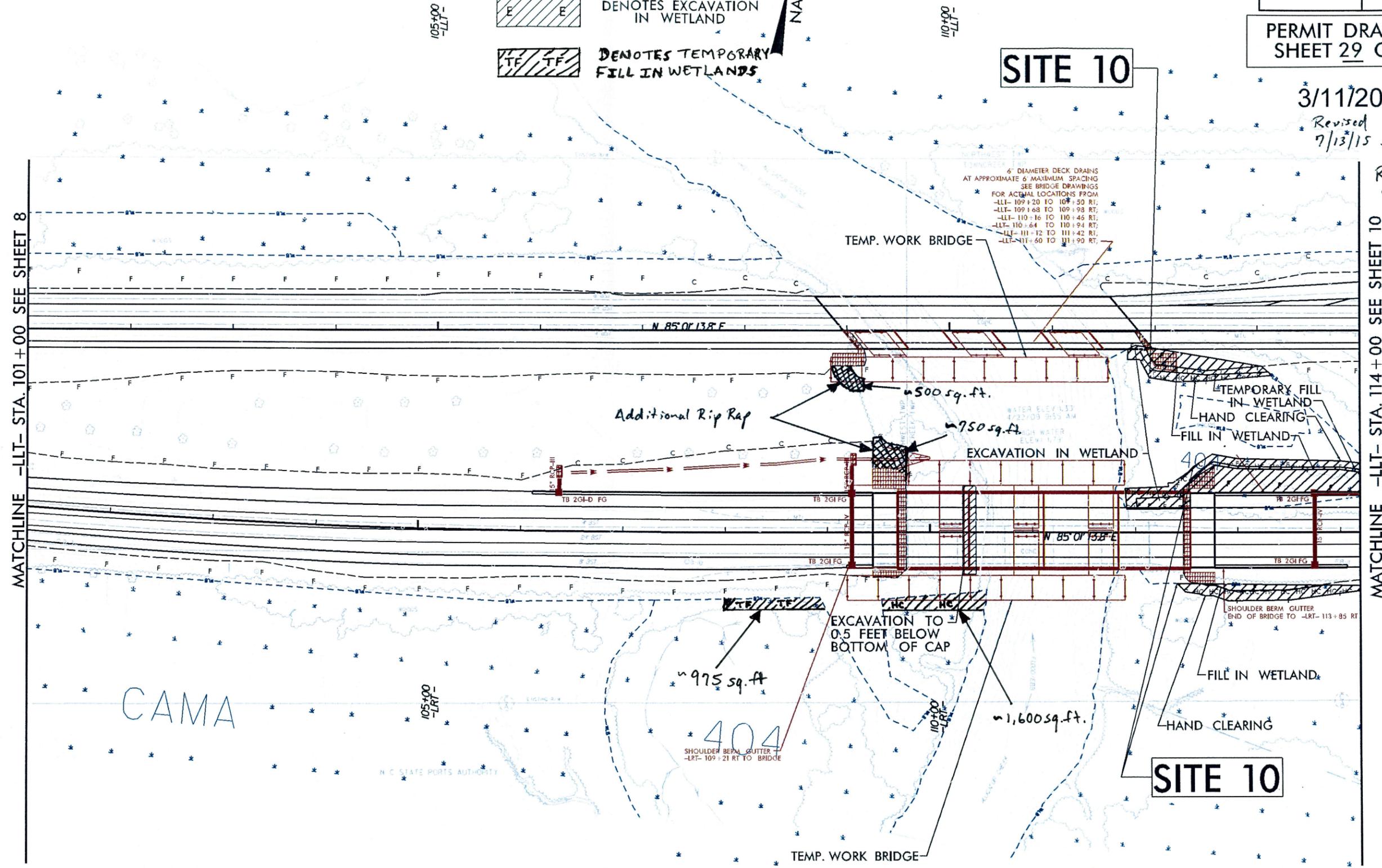
3/11/2015

Revised
7/13/15 SDM

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9/8/15
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-  DENOTES FILL IN WETLAND
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5/8/2014
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R-3601_PERMIT_PACKAGE_20140508.PDF

WETLAND PERMIT IMPACT SUMMARY														
Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS							SURFACE WATER IMPACTS				
			CAMA Permanent Fill in Wetlands (ac)	404 Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Temp 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	-Y2- 13+05	48" DRAINAGE PIPE								0.01	< 0.01	47	10	
2	-LMED- 54+37 TO 54+75 RT	24" DRAINAGE PIPE		< 0.01				< 0.01	0.02					
3	64+43 LT & LMED 65+92 TO 66+26 LT	BRIDGE 24" DRAINAGE PIPE	0.03	< 0.01				< 0.01	0.04					
4	76+31 LT & -LMED- 74+99 TO 75+19 RT	ROADWAY FILL/36" DRAINAGE PIPE		0.04	< 0.01			< 0.01	0.16					
5	-LMED- 83+00 TO 83+21 RT	EXISTING DRAINAGE PIPE			< 0.01			< 0.01						
6	-LRT- 85+81 TO 87+69 RT	ROADWAY							0.01					
7	-LLT- 90+25 TO 90+74 LT & -LLT- 94+00 TO 94+21 LT	ROADWAY			< 0.01			< 0.01	< 0.01					
8	-LLT- 99+60 TO 99+97 LT	30" DRAINAGE PIPE		< 0.01					0.01					
9	-LRT- 101+06 TO 101+17 RT	EXISTING DRAINAGE PIPE							< 0.01					
10	-LLT- 111+79 TO 113+14 RT & -LRT- 112+37 TO 114+59	BRIDGE 108 & BRIDGE 107		0.14	0.05	0.01			0.15					
11	-LRT- 115+52 TO 118+61 RT & -LRT- 121+21 TO 121+77 RT	ROADWAY							0.03					
12	-Y2- 20+65	ROADWAY/36" DRAINAGE PIPE		0.16					0.04					
13	-Y- 34+98 TO 36+55 LT	42" DRAINAGE PIPE								0.02	< 0.01	44	37	
13	-Y- 36+10 LT	BANK STABILIZATION								< 0.01		14		
14	-Y- 38+30 RT	ROADWAY							< 0.01					
TOTALS*:			0.03	0.34	0.06	0.01	0.02	0.04	0.43	0.03	< 0.01	105	47	0.00

*Rounded totals are sum of actual impacts

NOTES:

1. Permanent bridge pier surface water impacts = 0.04 acres
2. Temporary bridge pier surface water impacts = 0.05 acres (Due to work bridges=0.02 acre; due to temporary excavation=0.03 acre)
3. There will be 0.43 acre of hand clearing on this project. Additionally, there will be 0.04 acre of temporary fill in wetlands for erosion control measures in hand clearing areas. There will also be a <0.01 acre (165 sq. ft.) of temporary fill in CAMA wetlands for erosion control measures in hand clearing areas.

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 R-3601 REVISED 9/09/2015
 BRUNSWICK AND NEW HANOVER COUNTY
 US 17-74-76 FROM NC 133/SR 1472 INTERCHANGE
 TO US 421 / NC 133 INTERCHANGE
 PERMIT DRAWING SHEET 44 OF 44