



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT L. MCCRORY  
GOVERNOR

NICHOLAS J. TENNYSON  
SECRETARY

September 21, 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 Reverification of 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)  
R-3601 Reverification of Nationwide Permits 23 and 12, issued September 16, 2015 (SAW-2007-03461-010)  
R-3601 Letter of Refinement for Major CAMA permit, issued September 15, 2015 (#89-13)

R-3601 Modification to 401 Water Quality Certification, issued September 15, 2015 (DWR# 13-0472v.5)

The purpose of this letter is to revise our most recent submittal for Site 10 and request modifications and a letter of refinement of the issued permits to further 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 needs an expansion of the work bridge by ten feet additional to the south side of the original proposed work bridge. This necessitates additional temporary fill needs for the approach to the proposed widened work bridge which also creates additional hand clearing needs. Our last request did not account for hand clearing at the east end of the proposed work bridge, however, we feel that it is needed in this location.

Totals are as follows for this revision: 1) 10 feet expansion of the work bridge to the south side. (2) 0.05 acre of temporary fill for the work bridge approach. (3) 0.11 acre of hand clearing for 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](mailto:tstanton@ncdot.gov) or (919) 707-6156.

Sincerely,



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

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

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

**Stantec**  
 Stantec Consulting Services Inc.  
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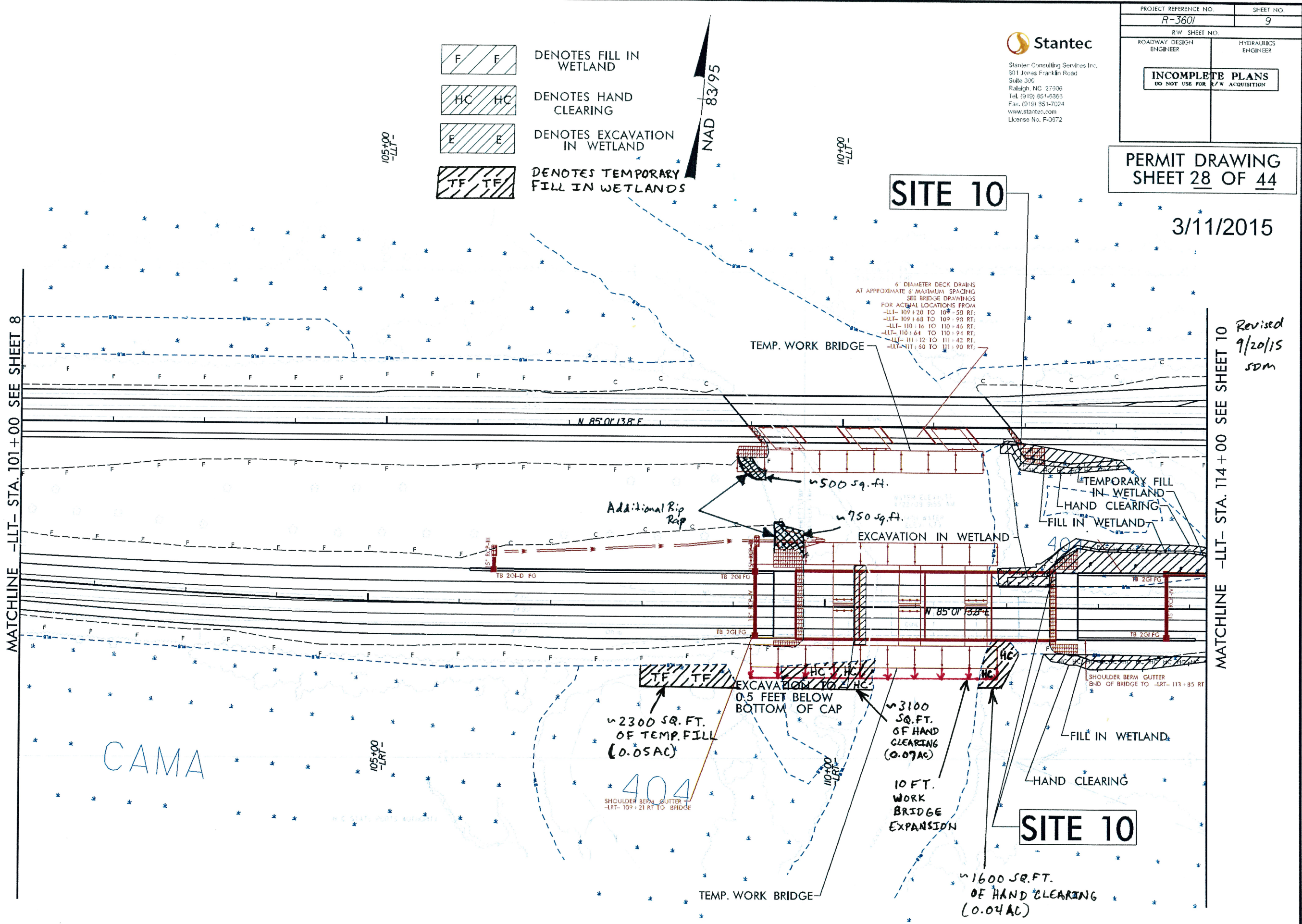
**PERMIT DRAWING SHEET 28 OF 44**

3/11/2015

Revised  
9/20/15  
sdm

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

NAD 83/95



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

8.17.09

5/8/2014  
STANTEC  
R-3601\_PERMIT PACKAGE\_20140508.PDF

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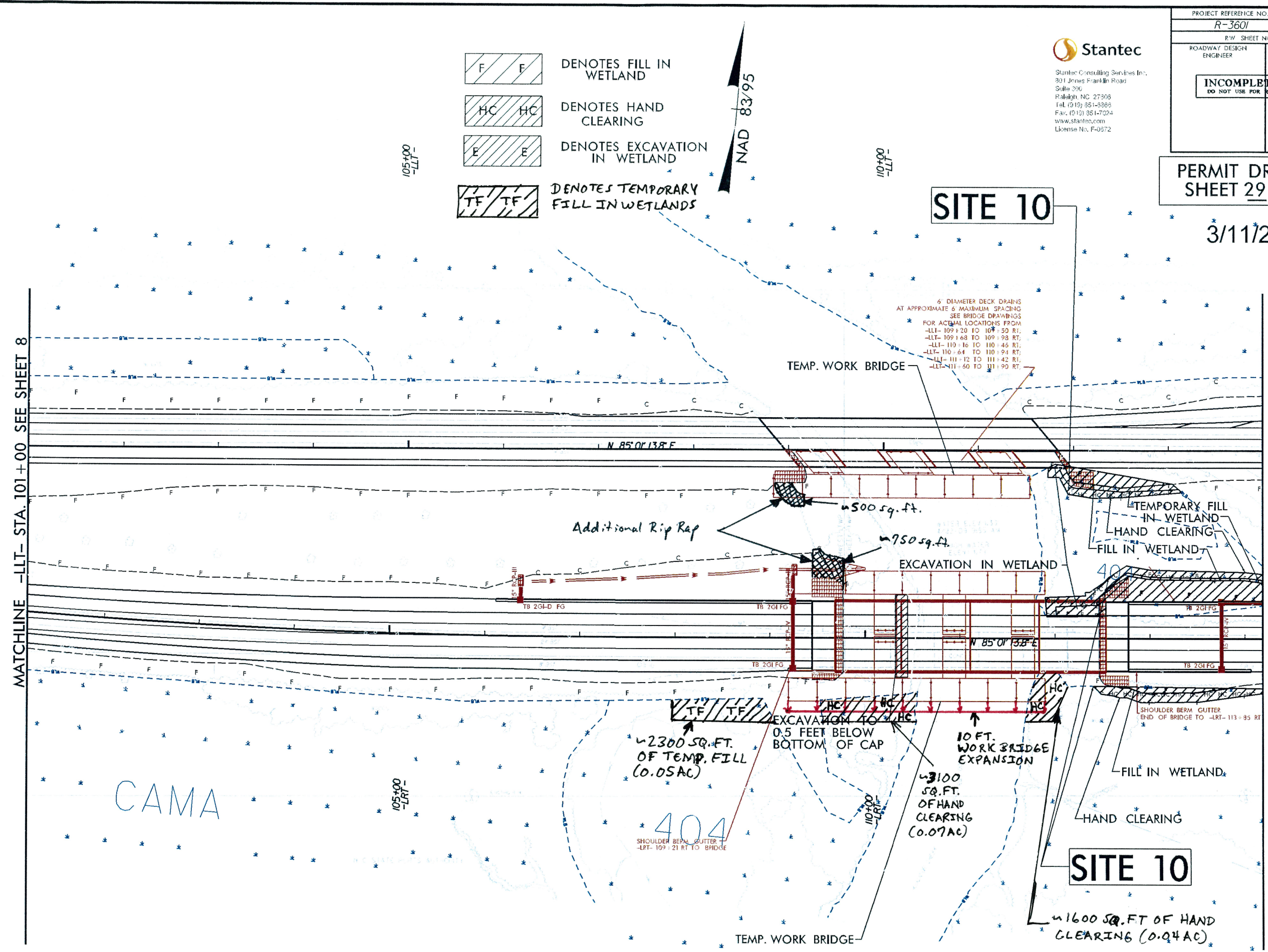
**PERMIT DRAWING**  
**SHEET 29 OF 44**

3/11/2015

Revised  
 9/20/15  
 sdm

- DENOTES FILL IN WETLAND
- DENOTES HAND CLEARING
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NAD 83/95



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

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	0.08	0.01				0.22				
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	0.09	0.01	0.02	0.04	0.5	0.03	< 0.01	105	47	0.00

\*Rounded totals are sum of actual impacts

NOTES:

1. Permanent bridge pier surface water impacts = 0.05 acres
2. Temporary bridge pier surface water impacts = 0.04 acres (Due to work bridges=0.02 acre; due to temporary excavation=0.02 acre)
3. There will be 0.38 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.

Revised 9/21/2015

NC DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 R-3601 3/06/2015  
 BRUNSWICK AND NEW HANOVER COUNTY  
 US 17-74-76 FROM NC 133/SR 1472 INTERCHANGE  
 TO US 421 / NC 133 INTERCHANGE  
 SHEET 44 OF 44