



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

September 13, 2012

Mr. Bill Biddlecome  
U.S. Army Corps of Engineers  
Regulatory Field Office  
Post Office Box 1000  
Washington, NC 27889-1000

Mr. Paul Williams  
Division of Coastal Management  
N. C. Dept. of Env. and Natural Resources  
1367 US 17 South  
Elizabeth City, NC 27909

Dear Sirs:

**Subject: Request for Modification to Individual Section 404 Permit, Individual Water Quality Certification and, CAMA Major Development Permit** the proposed widening of US 158 from Murfreesboro Bypass to US 13 West of Winton, Hertford County. TIP R-2583; Debit \$570 from WBS 35489.1.1

**References:** R-2583 Section 404 Individual Permit issued July 18, 2012 (USAID SAW-2002-11081);  
R-2583 Section 401 Water Quality Certification issued January 19, 2012 (DWQ No. 20111075);  
R-2583 CAMA Major Development Permit issued June 7, 2012 (CAMA permit No. 63-12);

The purpose of this letter is to submit a modification request for the permits listed above. Revised permit drawings and impact summary sheet are included with this modification request.

#### **Permit Site 1**

Due to a realignment of the water line, temporary stream impacts have decreased by 10 feet resulting in a total temporary stream impacts of 212 linear feet. Additionally, hand clearing in wetlands increased by 0.07 acre due to the installation of the power line south of 158. Total hand clearing for the project is now 0.89 acre. Proposed permanent impacts to wetlands and streams have not changed.

#### **Regulatory Approvals**

**Section 404:** We are requesting the modification of the USACE Individual 404 Permit issued July 18, 2012.

**Section 401:** We are hereby requesting a modification to the 401 Water Quality Certification from the NCDWQ issued January 19, 2012. In compliance with Section 143-215.3D (e) of the NCAC,

we will provide \$570.00 to act as payment for processing the Section 401 permit modification. We are providing five (5) copies of this modification request to the NCDWQ, for their approval.

CAMA: The NCDOT respectfully requests that the referenced CAMA Major Development Permit issued June 7, 2012 be modified to reflect the changes in jurisdictional impacts as outlined in this letter and presented in the attached revised drawings.

A copy of this modification request will be posted on the NCDOT website at:  
<https://connect.ncdot.gov/resources/Environmental>

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.

Sincerely,



for Gregory J. Thorpe, Ph.D., Manager  
Project Development & Environmental Analysis Unit

cc list: NCDOT Permit Application Standard Distribution List.

8/17/99



S.T. WOOTEN CORPORATION

PROJECT REFERENCE NO. R-2583 SHEET NO. 6

SHEET NO. ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER

HNTB HNTB NORTH CAROLINA, P.C. 343 E. Six Forks Road, Suite 200 Raleigh, North Carolina 27609 NC License No: C-1554

DATE: OCTOBER 3, 2011

PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION

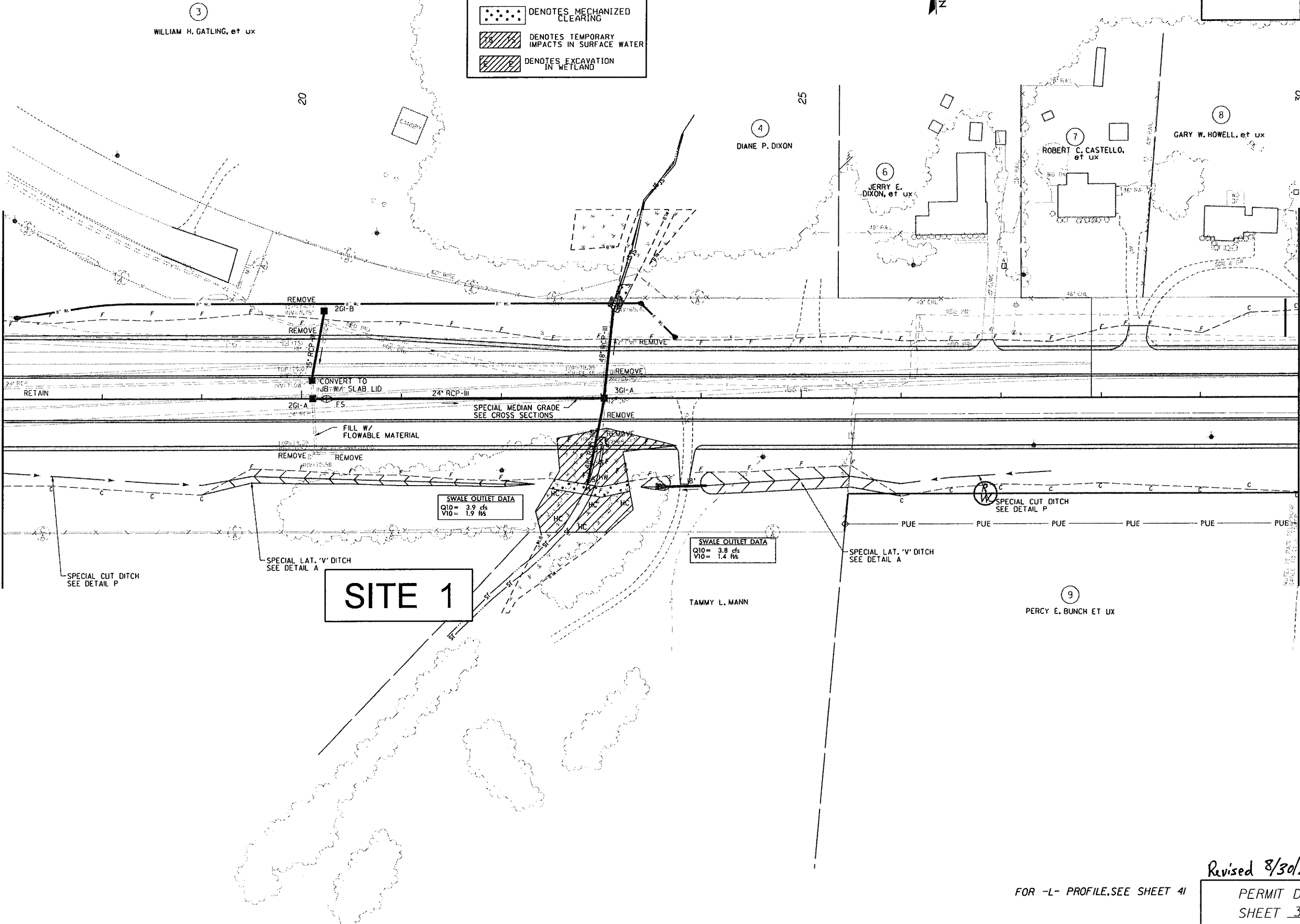
**LEGEND**

- [Hatched pattern] DENOTES IMPACTS IN SURFACE WATER
- [Hatched pattern] DENOTES FILL IN WETLAND
- [Dotted pattern] DENOTES MECHANIZED CLEARING
- [Hatched pattern] DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- [Hatched pattern] DENOTES EXCAVATION IN WETLAND



MATCH LINE TO SHEET 5 STA. 17+00

MATCH LINE TO SHEET 7 STA. 30+00



REVISIONS

12:05:17 PM 8/30/12 2583.dgn

Revised 8/30/2012

FOR -L- PROFILE, SEE SHEET 41

PERMIT DRAWINGS SHEET 3 OF 52

8/17/99



S.T. WOOTEN CORPORATION



HNTB NORTH CAROLINA, P.C.  
343 E. Six Forks Road, Suite 200  
Raleigh, North Carolina 27609  
NC License No: C-1554

DATE: OCTOBER 3, 2011

PROJECT REFERENCE NO. R-2583	SHEET NO. 6
SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	

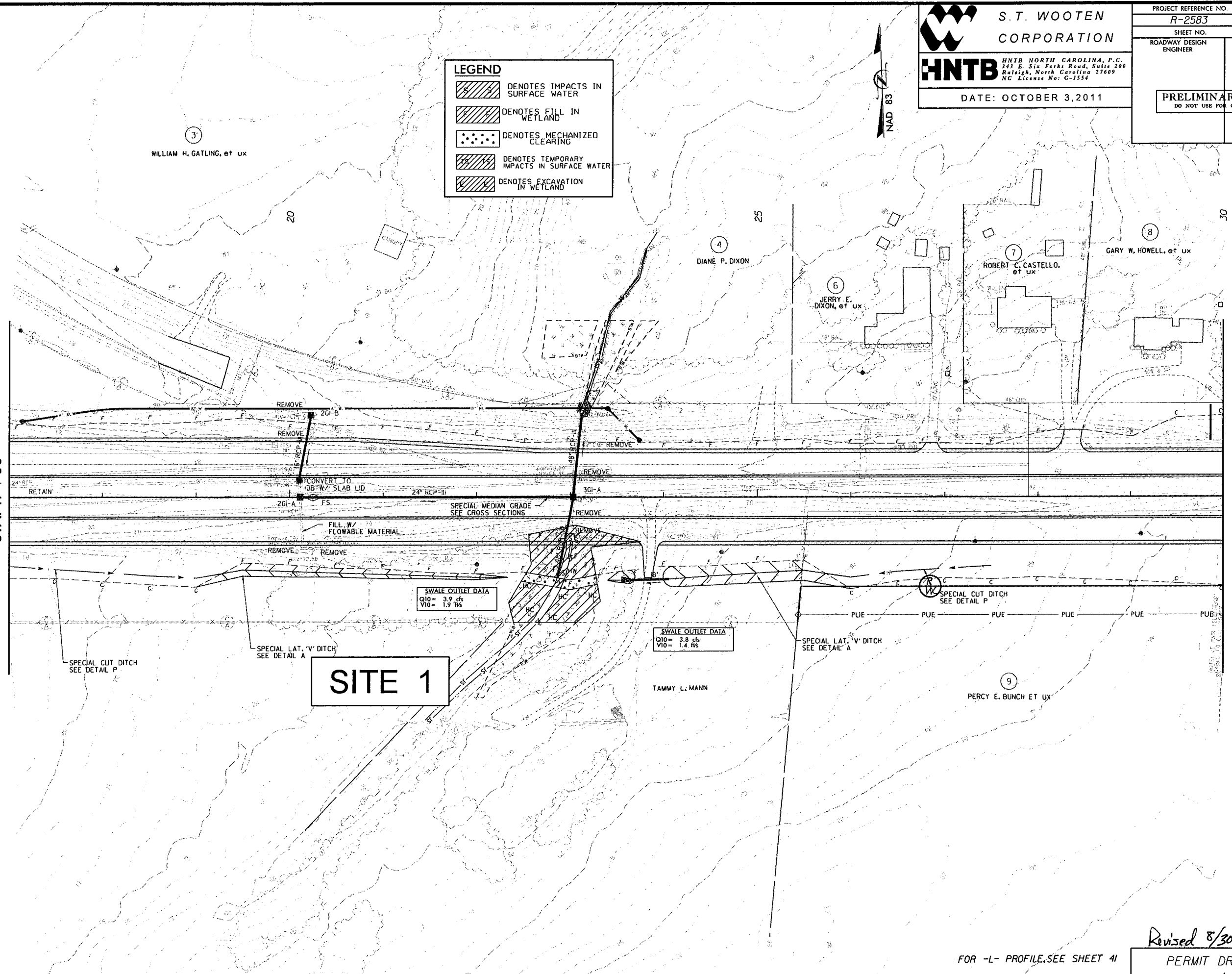
**LEGEND**

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



MATCH LINE TO SHEET 5  
STA. 17+00

MATCH LINE TO SHEET 7  
STA. 30+00



**SITE 1**

SWALE OUTLET DATA  
Q10 = 3.9 cfs  
V10 = 1.9 f/s

SWALE OUTLET DATA  
Q10 = 3.8 cfs  
V10 = 1.4 f/s

SPECIAL CUT DITCH  
SEE DETAIL P

SPECIAL LAT. 'V' DITCH  
SEE DETAIL 'A'

SPECIAL CUT DITCH  
SEE DETAIL P

SPECIAL LAT. 'V' DITCH  
SEE DETAIL 'A'

REVISIONS

12/21/10 10:15 AM 2583 perm.psh.068.dgn

FOR -L- PROFILE, SEE SHEET 41

Revised 8/30/2012

PERMIT DRAWINGS  
SHEET 4 OF 52

**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)	Wetland Type*	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Stream Type**	Natural Stream Design (ft)
1	-L- 23+00	1 @ 48" RCP	0.08	-	0.01	0.02	R	0.07	0.01	0.01	60	24	P	-
2	-L- 146+94 TO 154+23	2 @ 12' x 8' RCBC	1.25	-	0.45	-	R	-	0.08	0.01	230	20	P	-
3	-L- 172+45 TO 176+66	48" RCP	0.38	-	-	0.11	R	0.05	0.01	0.01	114	10	P	-
4	-L- 177+35 TO 179+36	-	0.01	-	0.09	0.15	NR	0.02	-	-	-	-	-	-
5	-L- 185+51 TO 191+97	54" RCP	0.12	-	-	0.06	R	0.10	0.01	0.01	175	20	P	-
6	-L- 209+39	36" RCP	-	-	-	-	-	-	0.01	0.01	97	10	P	-
7	-L- 218+25 TO 221+76	36" RCP	-	-	-	-	-	-	0.01	-	240	-	I	-
7	-L- 218+25 TO 221+76	36" RCP	-	-	-	-	-	-	0.02	0.01	378	26	P	-
8	-L- 230+30	15" RCP	-	-	-	-	-	-	0.01	0.01	190	4	I	-
9	-L- 237+05 TO 241+50	24" RCP	0.37	-	-	0.04	R	-	0.01	-	130	-	I	-
10	-L- 241+66 TO 244+75	72" Modified Bulb Tee Girder Bridge	0.01	-	-	0.05	R	0.62	-	-	-	-	-	-
11	-L- 255+75	18" RCP	0.05	-	-	0.02	R	-	-	-	-	-	-	-
12	-L- 278+27	15" RCP	-	-	0.01	-	R	0.01	-	-	-	-	-	-
13	-L- 283+40	24" RCP	-	-	0.01	-	R	-	-	-	-	-	-	-
14	-L- 291+25	-	-	-	0.01	-	R	-	-	-	-	-	-	-
15	-L- 337+75 TO 340+00	30" RCP	0.03	-	0.08	0.12	NR	-	-	-	-	-	-	-
16	-L- 349+96	72" RCP	-	-	-	-	-	-	0.01	0.01	18	10	P	-
16	-L- 351+58	1 @ 10' x 6' RCBC	-	-	-	-	-	-	0.03	0.01	72	18	P	-
16	-L- 352+44	1 @ 9' x 5' RCBC	-	-	-	-	-	-	0.03	0.01	70	20	P	-
16	-L- 354+21	66" RCP	0.67	-	-	0.22	R	-	-	-	-	-	-	-
17	-L- 360+10	36" RCP	-	-	0.01	0.01	R	0.02	0.01	0.01	58	50	I	-
<b>TOTALS:</b>			<b>2.97</b>	<b>-</b>	<b>0.67</b>	<b>0.80</b>		<b>0.89</b>	<b>0.25</b>	<b>0.11</b>	<b>1832</b>	<b>212</b>		<b>-</b>

\* R - Riparian, NR - Non-riparian

\*\* P - Perennial, I - Intermittent

Notes: 1. An additional 0.05 acre of Mechanized Clearing in wetlands is required for installation of temporary and permanent bridge piers at Site 10.  
 2. The 0.01 acre of Permanent Fill in Wetlands is included to account for the placement of bridge piers at Site 10.

NC DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

HERTFORD COUNTY  
 PROJECT: 35489.3.1 R-2583

SHEET 52 OF 52

8/30/2012

Revised 8/30/2012