

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOTECHNICAL ENGINEERING UNIT**

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ID: B-5420

STRUCTURE SUBSURFACE INVESTIGATION

PROJ. REFERENCE NO. 5451.1.1 (B-5420) F.A. PROJ. BRZ-1753(4)
COUNTY BEAUFORT PROJECT DESCRIPTION CULVERT NO. 2II ON SR 1753
(STOKESVILLE-ST. JOHNS RD.) OVER BUCKLEBERRY CANAL AT

IN ACCORDANCE WITH THE INVESTIGATION MANIFEST AND THE INVESTIGATOR'S WRITING MADE ON UPON THE CONTRACTOR AS TO THE TYPE OF MATERIALS AND CONSUMPTIONS TO BE ENCOUNTERED, THE BINDER OR CONTRACTOR IS CAUTIOUS TO MAKE SUCH INQUIRIES TO SUBSTANTIATE INVESTIGATIONS AS HE DEEMS NECESSARY TO SATISFY HIMSELF AS TO THE EXPENSES OF ENFORCING THE PAYMENT OF THIS PRODUCT. THE CONTRACTOR SHALL HAVE NO CLAIM FOR ADDITIONAL COMPENSATION OR FEE FOR OR PAYMENT OF THIS PRODUCT AS A RESULT OF THE ACTUAL CONDITIONS ENCOUNTERED AT THE TIME OF PAYMENT.

CAUTION NOTICE

PERSONNEL

R. SWARTZ

THE ACCESSORIES

WESTIGIALED BY DIA. AMSTERDAM

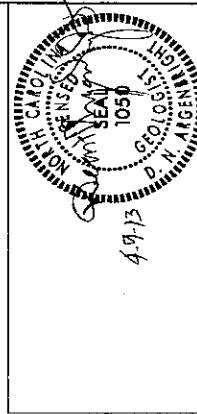
D.N. ARGENT/BRIGHT
CHECKED BY

DN ASSOCIATE

SUBMITTED BY D.N. ARGUAMIENTI

NOTE: THE INFORMATION CONTAINED HEREIN IS NOT IMPLIED OR GUARANTEED BY THE N.C. DEPARTMENT OF TRANSFORMATION AS BEING ACCURATE NOR IS IT CONSIDERED TO BE PART OF THE PLANS, SPECIFICATIONS, OR CONTRACT FOR THE PROJECT.

E - BY HAVING REQUESTED THIS INFORMATION THE CONTRACTOR SPECIFICALLY NAMES ANY CLAIMS FOR HOME-SEED COMPENSATION AND EXTENSION OF TIME BASED ON DIFFERENCES BETWEEN THE CONDITIONS INDICATED HEREIN AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

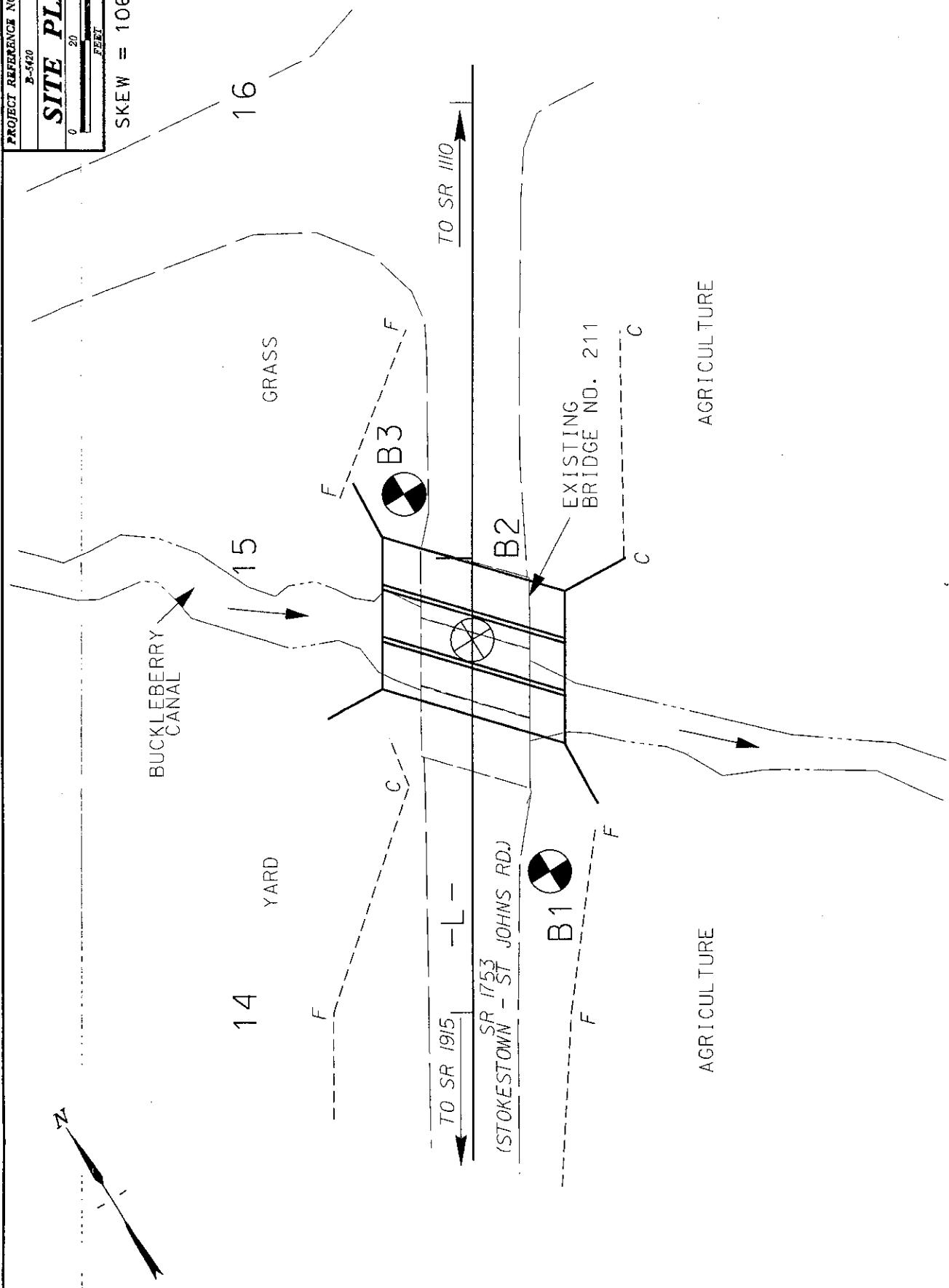


SUBSURFACE INVESTIGATION

SOURCE BOOK LEGEND TERMS SYMBOLS AND ABBREVIATIONS

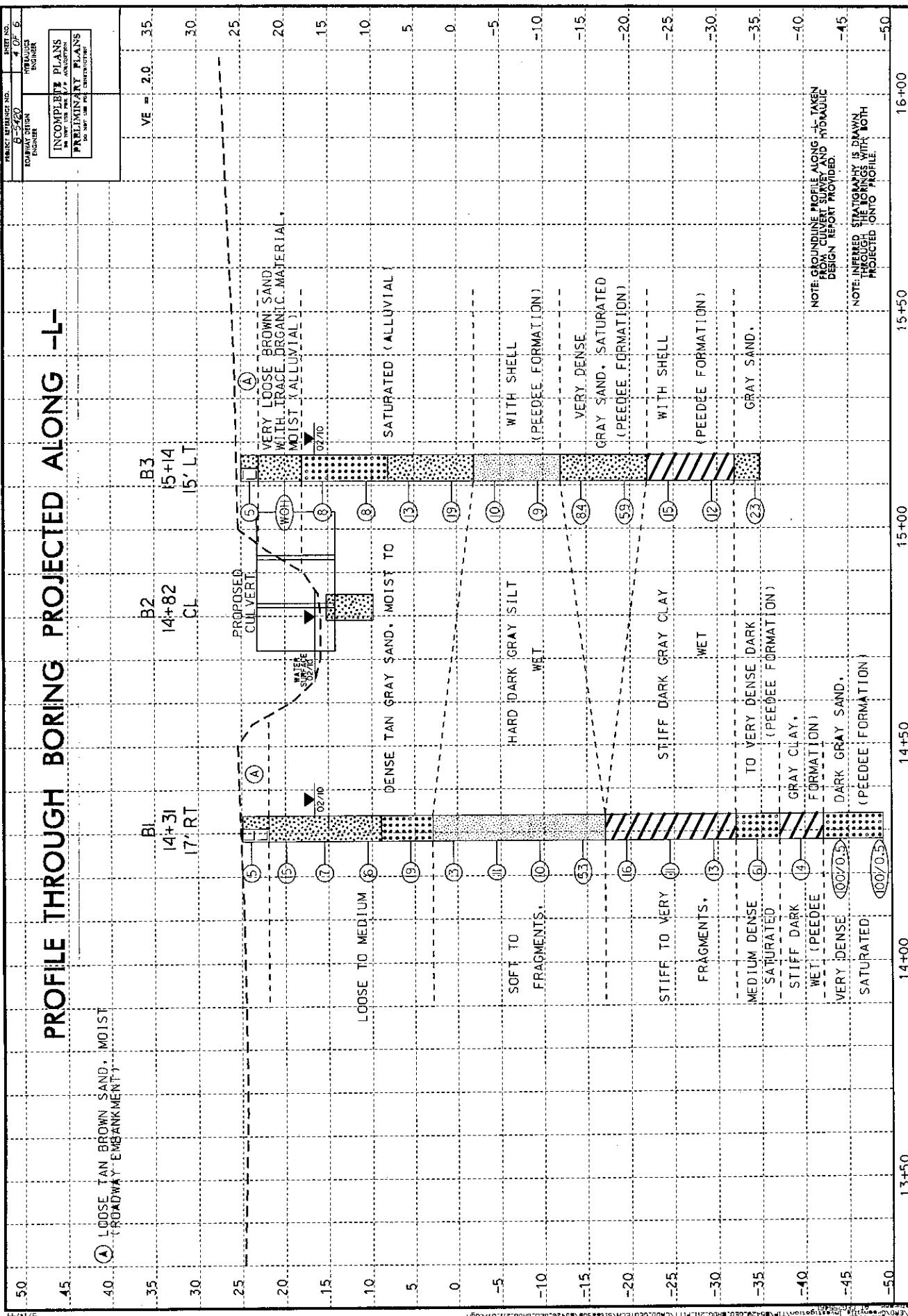
PROJECT REFERENCE NO.	SHEET
B-5420	3 OF 4
SITE PLAN	
0	40

SKEW = 106.5°

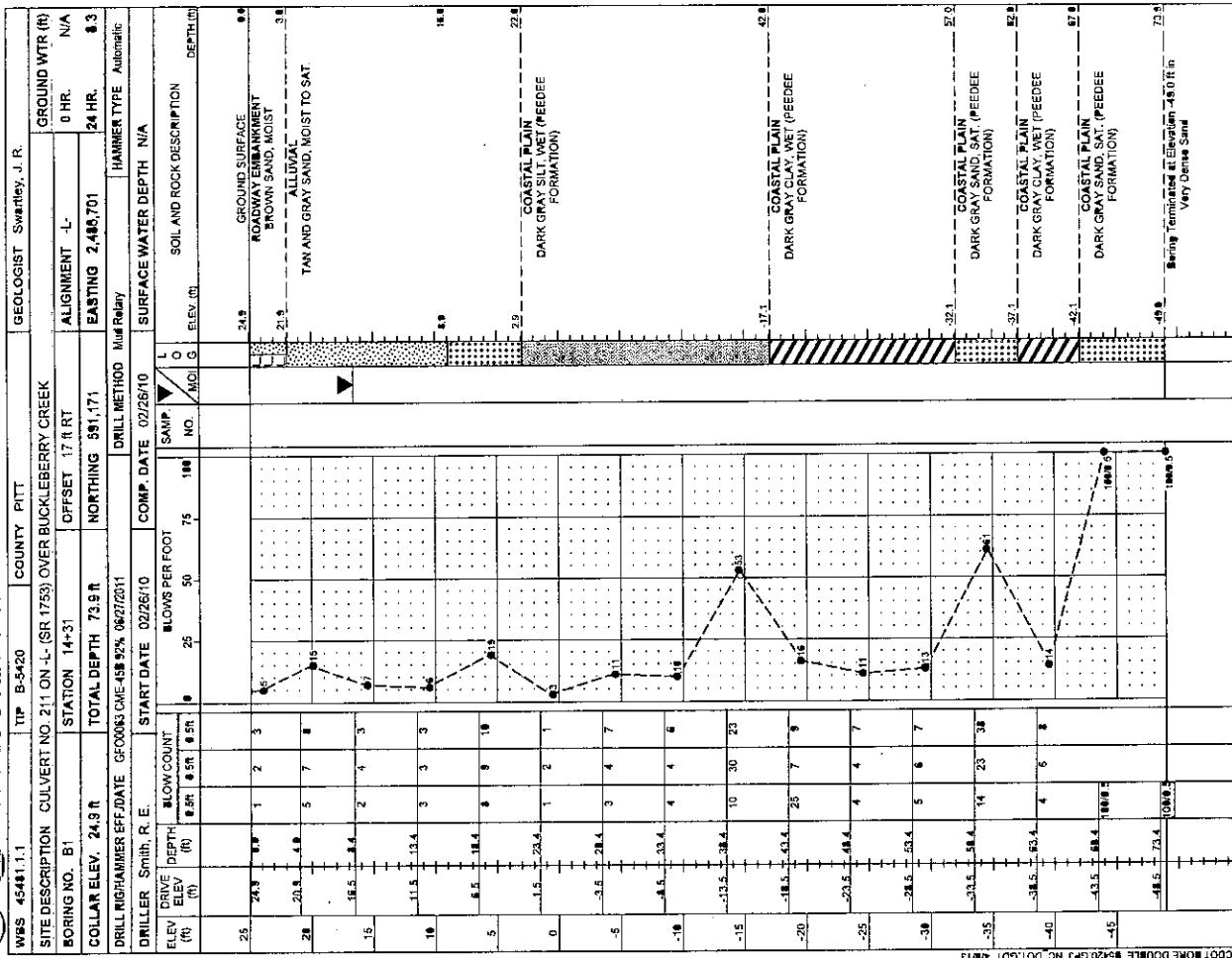


PROFILE THROUGH BORING PROJECTED ALONG -L

40.  LOOSE TAN BROWN SAND, MOIST
TERRACE-FLOODPLAIN



NDOT GEOTECHNICAL ENGINEERING UNIT
BORELOG REPORT



WBS	TIP	COUNTY	PITT	GEOLOGIST	Swartley, J. R.	GEOLOGIST	Argenbright, D. N.
WBS 45481.1.1	TIP B-520	COUNTY PITT	TIP B-5420	COUNTY PITT			
SITE DESCRIPTION CULVERT NO. 211 ON L-SR 1753 OVER BUCKLEBERRY CREEK						GROUND WTR (ft)	
BORING NO. B1	STATION 14+51	OFFSET	17 ft RT	ALIGNMENT	-L-	0 H.R.	N/A
COLLAR ELEV. 15.2 ft	TOTAL DEPTH 24.3 ft	NORTHING	581.171	TOTAL DEPTH	5.4 ft	NORTHING	581.171
DRILLING HAMMER EFF. DATE 06/27/2011	DRILL METHOD Mini-Relay	HAMMER TYPE	Automatic	DRILL METHOD	Hand Auger	HAMMER TYPE	Automatic
DRILLER Smith, R. E.	START DATE 02/26/10	SURFACE WATER DEPTH	N/A	START DATE	03/21/13	SURFACE WATER DEPTH	0 ft
ELEV. DEPTH (ft)	BLW COUNT (ft)	BLWS PER FOOT	100	ELEV. DEPTH (ft)	BLW COUNT	BLWS PER FOOT	SAMP. NO. 100
26	24.3	1	2	26	24.3	0	NO
28	20.8	4.0	5	25	21.9	0 ft	NO
15	18.5	1.4	2	15	19.9	0 ft	NO
10	11.5	1.34	3	10	18.6	0 ft	NO
5	6.5	18.4	0	5	18.6	0 ft	NO
0	0	23.4	1	0	23.4	0 ft	NO
-5	-3.6	24.4	3	-5	24.4	1 ft	NO
-10	-4.5	33.4	4	-10	33.4	4 ft	NO
-15	-13.5	38.4	10	-15	38.4	10 ft	NO
-20	-18.5	41.4	25	-20	41.4	25 ft	NO
-25	-23.5	43.4	4	-25	43.4	4 ft	NO
-30	-28.5	53.4	5	-30	53.4	5 ft	NO
-35	-33.5	58.4	14	-35	58.4	14 ft	NO
-40	-38.5	63.4	4	-40	63.4	4 ft	NO
-45	-43.5	68.4	4	-45	68.4	4 ft	NO
-48.5	-48.5	73.4	10 ft	-48.5	73.4	10 ft	NO

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