

REFERENCE: BR-0014

PROJECT: 67014

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

**STRUCTURE**  
**SUBSURFACE INVESTIGATION**

COUNTY CUMBERLAND  
 PROJECT DESCRIPTION BRIDGE NO. 0025 ON -LREV-  
NC 242 OVER BEAVER DAM CREEK AT  
STA. 21+37

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0014	1	9

CAUTION NOTICE

THE SUBSURFACE INFORMATION AND THE SUBSURFACE INVESTIGATION ON WHICH IT IS BASED WERE MADE FOR THE PURPOSE OF STUDY, PLANNING AND DESIGN, AND NOT FOR CONSTRUCTION OR PAY PURPOSES. THE VARIOUS FIELD BORING LOGS, ROCK CORES AND SOIL TEST DATA AVAILABLE MAY BE REVIEWED OR INSPECTED IN RALEIGH BY CONTACTING THE N. C. DEPARTMENT OF TRANSPORTATION, GEOTECHNICAL ENGINEERING UNIT AT 1919 TOT-6850. THE SUBSURFACE PLANS AND REPORTS, FIELD BORING LOGS, ROCK CORES AND SOIL TEST DATA ARE NOT PART OF THE CONTRACT.

GENERAL SOIL AND ROCK STRATA DESCRIPTIONS AND INDICATED BOUNDARIES ARE BASED ON A GEOTECHNICAL INTERPRETATION OF ALL AVAILABLE SUBSURFACE DATA AND MAY NOT NECESSARILY REFLECT THE ACTUAL SUBSURFACE CONDITIONS BETWEEN BORINGS OR BETWEEN SAMPLED STRATA WITHIN THE BOREHOLE. THE LABORATORY SAMPLE DATA AND THE IN SITU (IN-PLACE) TEST DATA CAN BE RELIED ON ONLY TO THE DEGREE OF RELIABILITY INHERENT IN THE STANDARD TEST METHOD. THE OBSERVED WATER LEVELS OR SOIL MOISTURE CONDITIONS INDICATED IN THE SUBSURFACE INVESTIGATIONS ARE AS RECORDED AT THE TIME OF THE INVESTIGATION. THESE WATER LEVELS OR SOIL MOISTURE CONDITIONS MAY VARY CONSIDERABLY WITH TIME ACCORDING TO CLIMATIC CONDITIONS INCLUDING TEMPERATURES, PRECIPITATION AND WIND, AS WELL AS OTHER NON-CLIMATIC FACTORS.

THE BIDDER OR CONTRACTOR IS CAUTIONED THAT DETAILS SHOWN ON THE SUBSURFACE PLANS ARE PRELIMINARY ONLY AND IN MANY CASES THE FINAL DESIGN DETAILS ARE DIFFERENT. FOR BIDDING AND CONSTRUCTION PURPOSES, REFER TO THE CONSTRUCTION PLANS AND DOCUMENTS FOR FINAL DESIGN INFORMATION ON THIS PROJECT. THE DEPARTMENT DOES NOT WARRANT OR GUARANTEE THE SUFFICIENCY OR ACCURACY OF THE INVESTIGATION MADE, NOR THE INTERPRETATIONS MADE, OR OPINION OF THE DEPARTMENT AS TO THE TYPE OF MATERIALS AND CONDITIONS TO BE ENCOUNTERED. THE BIDDER OR CONTRACTOR IS CAUTIONED TO MAKE SUCH INDEPENDENT SUBSURFACE INVESTIGATIONS AS HE DEEMS NECESSARY TO SATISFY HIMSELF AS TO CONDITIONS TO BE ENCOUNTERED ON THE PROJECT. THE CONTRACTOR SHALL HAVE NO CLAIM FOR ADDITIONAL COMPENSATION OR FOR AN EXTENSION OF TIME FOR ANY REASON RESULTING FROM THE ACTUAL CONDITIONS ENCOUNTERED AT THE SITE DIFFERING FROM THOSE INDICATED IN THE SUBSURFACE INFORMATION.

NOTES:

- THE INFORMATION CONTAINED HEREIN IS NOT IMPLIED OR GUARANTEED BY THE N. C. DEPARTMENT OF TRANSPORTATION AS ACCURATE NOR IS IT CONSIDERED PART OF THE PLANS, SPECIFICATIONS OR CONTRACT FOR THE PROJECT.
- BY HAVING REQUESTED THIS INFORMATION, THE CONTRACTOR SPECIFICALLY WAIVES ANY CLAIMS FOR INCREASED COMPENSATION OR EXTENSION OF TIME BASED ON DIFFERENCES BETWEEN THE CONDITIONS INDICATED HEREIN AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

PERSONNEL

A. N. KINTNER

D. G. PINTER

R. E. CLARKE

R. E. SMITH

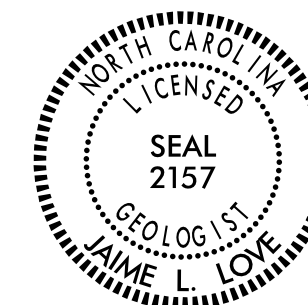
INVESTIGATED BY J. L. LOVE

DRAWN BY A. N. KINTNER

CHECKED BY N. T. ROBERSON

SUBMITTED BY N. T. ROBERSON

DATE JANUARY 2019



DocuSigned by:

Jaime L. Love 4/5/2019

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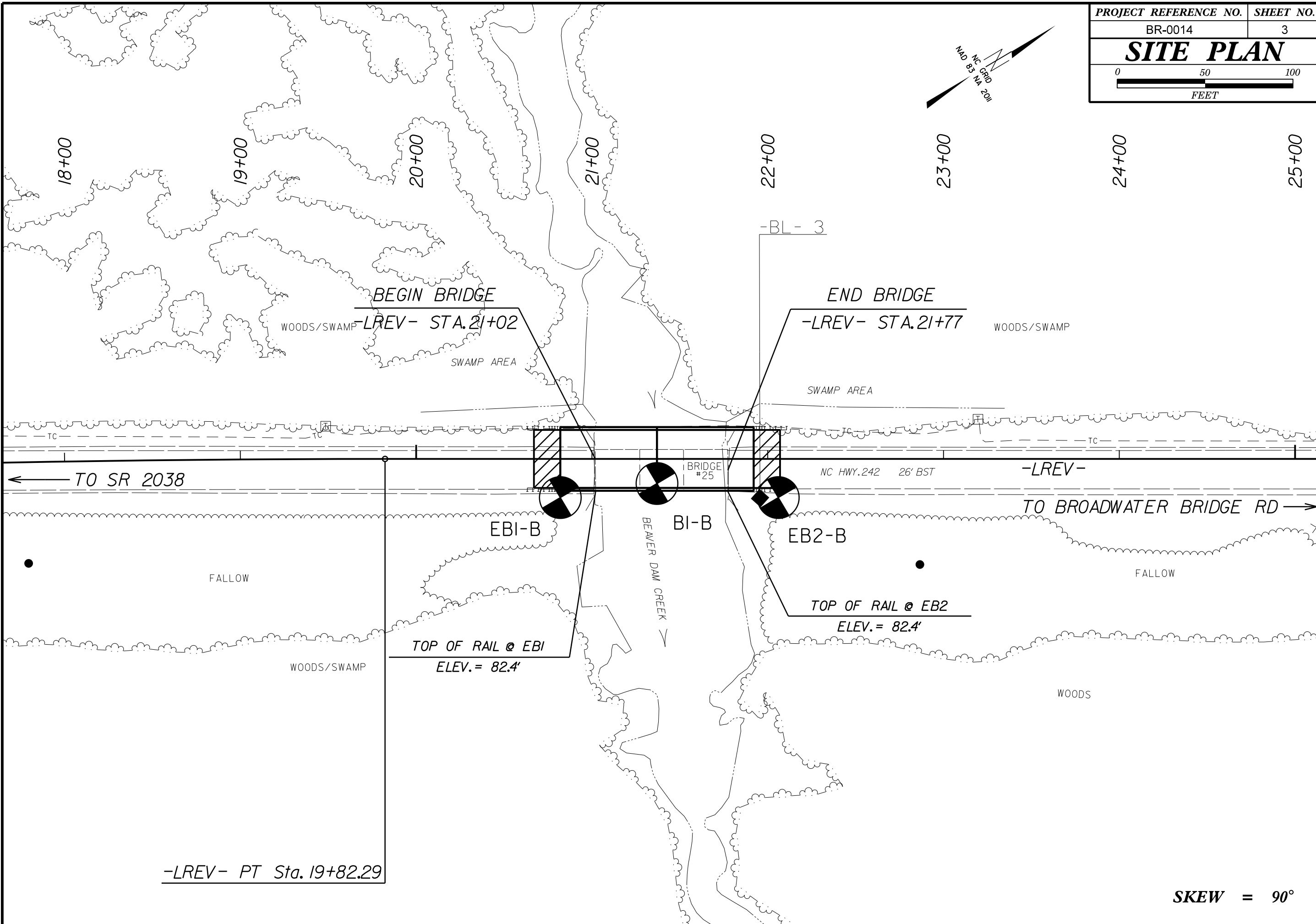
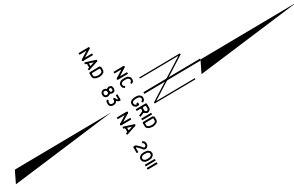
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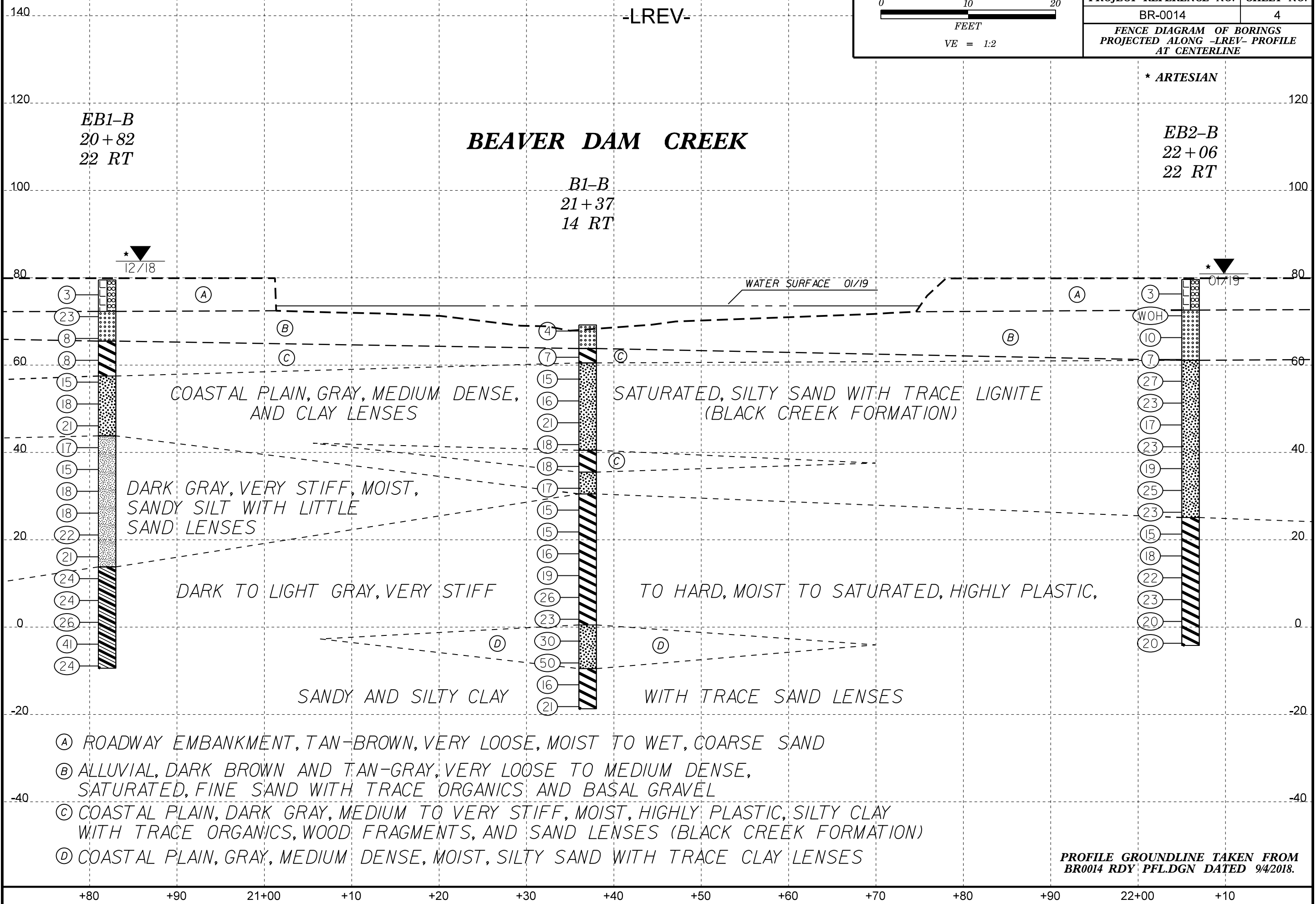
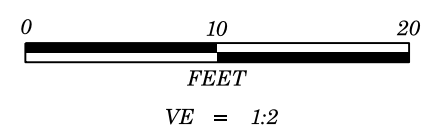
DOCUMENT NOT CONSIDERED FINAL  
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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
GEOTECHNICAL ENGINEERING UNIT  
**SUBSURFACE INVESTIGATION**  
SOIL AND ROCK LEGEND, TERMS, SYMBOLS, AND ABBREVIATIONS

SOIL DESCRIPTION			GRADATION			ROCK DESCRIPTION			TERMS AND DEFINITIONS																																																																																																																																																					
<p>SOIL IS CONSIDERED UNCONSOLIDATED, SEMI-CONSOLIDATED, OR WEATHERED EARTH MATERIALS THAT CAN BE PENETRATED WITH A CONTINUOUS FLIGHT POWER AUGER AND YIELD LESS THAN 100 BLOWS PER FOOT ACCORDING TO THE STANDARD PENETRATION TEST (AASHTO T 206, ASTM D1586). SOIL CLASSIFICATION IS BASED ON THE AASHTO SYSTEM. BASIC DESCRIPTIONS GENERALLY INCLUDE THE FOLLOWING: CONSISTENCY, COLOR, TEXTURE, MOISTURE, AASHTO CLASSIFICATION, AND OTHER PERTINENT FACTORS SUCH AS MINERALOGICAL COMPOSITION, ANGULARITY, STRUCTURE, PLASTICITY, ETC. FOR EXAMPLE, VERY STIFF, GRAY, SILTY CLAY, MOIST WITH INTERBEDDED FINE SAND LAYERS, HIGHLY PLASTIC, A-7-6</p>			<p><b>WELL GRADED</b> - INDICATES A GOOD REPRESENTATION OF PARTICLE SIZES FROM FINE TO COARSE. <b>UNIFORMLY GRADED</b> - INDICATES THAT SOIL PARTICLES ARE ALL APPROXIMATELY THE SAME SIZE. <b>GAP-GRADED</b> - INDICATES A MIXTURE OF UNIFORM PARTICLE SIZES OF TWO OR MORE SIZES.</p>			<p>HARD ROCK IS NON-COASTAL PLAIN MATERIAL THAT WOULD YIELD SPT REFUSAL IF TESTED, AN INFERRED ROCK LINE INDICATES THE LEVEL AT WHICH NON-COASTAL PLAIN MATERIAL WOULD YIELD SPT REFUSAL. SPT REFUSAL IS PENETRATION BY A SPLIT SPOON SAMPLER EQUAL TO OR LESS THAN 0.1 FOOT PER 60 BLOWS IN NON-COASTAL PLAIN MATERIAL. THE TRANSITION BETWEEN SOIL AND ROCK IS OFTEN REPRESENTED BY A ZONE OF WEATHERED ROCK. ROCK MATERIALS ARE TYPICALLY DIVIDED AS FOLLOWS:</p>			<p><b>ALLUVIUM (ALLUV.)</b> - SOILS THAT HAVE BEEN TRANSPORTED BY WATER. <b>AQUIFER</b> - A WATER BEARING FORMATION OR STRATA. <b>ARENACEOUS</b> - APPLIED TO ROCKS THAT HAVE BEEN DERIVED FROM SAND OR THAT CONTAIN SAND. <b>ARGILLACEOUS</b> - APPLIED TO ALL ROCKS OR SUBSTANCES COMPOSED OF CLAY MINERALS, OR HAVING A NOTABLE PROPORTION OF CLAY IN THEIR COMPOSITION, SUCH AS SHALE, SLATE, ETC. <b>ARTESIAN</b> - GROUND WATER THAT IS UNDER SUFFICIENT PRESSURE TO RISE ABOVE THE LEVEL AT WHICH IT IS ENCOUNTERED, BUT WHICH DOES NOT NECESSARILY RISE TO OR ABOVE THE GROUND SURFACE. <b>CALCAREOUS (CALC.)</b> - SOILS THAT CONTAIN APPRECIABLE AMOUNTS OF CALCIUM CARBONATE. <b>COLLUVIUM</b> - ROCK FRAGMENTS MIXED WITH SOIL DEPOSITED BY GRAVITY ON SLOPE OR AT BOTTOM OF SLOPE. <b>CORE RECOVERY (REC.)</b> - TOTAL LENGTH OF ALL MATERIAL RECOVERED IN THE CORE BARREL DIVIDED BY TOTAL LENGTH OF CORE RUN AND EXPRESSED AS A PERCENTAGE. <b>DIKE</b> - A TABULAR BODY OF IGNEOUS ROCK THAT CUTS ACROSS THE STRUCTURE OF ADJACENT ROCKS OR CUTS MASSIVE ROCK. <b>DIP</b> - THE ANGLE AT WHICH A STRATUM OR ANY PLANAR FEATURE IS INCLINED FROM THE HORIZONTAL. <b>DIP DIRECTION (DIP AZIMUTH)</b> - THE DIRECTION OR BEARING OF THE HORIZONTAL TRACE OF THE LINE OF DIP, MEASURED CLOCKWISE FROM NORTH. <b>FAULT</b> - A FRACTURE OR FRACTURE ZONE ALONG WHICH THERE HAS BEEN DISPLACEMENT OF THE SIDES RELATIVE TO ONE ANOTHER PARALLEL TO THE FRACTURE. <b>FISSILE</b> - A PROPERTY OF SPLITTING ALONG CLOSELY SPACED PARALLEL PLANES. <b>FLOAT</b> - ROCK FRAGMENTS ON SURFACE NEAR THEIR ORIGINAL POSITION AND DISLOGGED FROM PARENT MATERIAL. <b>FLOOD PLAIN (FP)</b> - LAND BORDERING A STREAM, BUILT OF SEDIMENTS DEPOSITED BY THE STREAM. <b>FORMATION (FM)</b> - A MAPPABLE GEOLOGIC UNIT THAT CAN BE RECOGNIZED AND TRACED IN THE FIELD. <b>JOINT</b> - FRACTURE IN ROCK ALONG WHICH NO APPRECIABLE MOVEMENT HAS OCCURRED. <b>LEDGE</b> - A SHELF-LIKE RIDGE OR PROJECTION OF ROCK WHOSE THICKNESS IS SMALL COMPARED TO ITS LATERAL EXTENT. <b>LENS</b> - A BODY OF SOIL OR ROCK THAT THINS OUT IN ONE OR MORE DIRECTIONS. <b>MOTTLED (MOT.)</b> - IRREGULARLY MARKED WITH SPOTS OF DIFFERENT COLORS. MOTTLING IN SOILS USUALLY INDICATES POOR AERATION AND LACK OF GOOD DRAINAGE. <b>PERCHED WATER</b> - WATER MAINTAINED ABOVE THE NORMAL GROUND WATER LEVEL BY THE PRESENCE OF AN INTERVENING IMPERVIOUS STRATUM. <b>RESIDUAL (RES.) SOIL</b> - SOIL FORMED IN PLACE BY THE WEATHERING OF ROCK. <b>ROCK QUALITY DESIGNATION (RQD)</b> - A MEASURE OF ROCK QUALITY DESCRIBED BY TOTAL LENGTH OF ROCK SEGMENTS EQUAL TO OR GREATER THAN 4 INCHES DIVIDED BY THE TOTAL LENGTH OF CORE RUN AND EXPRESSED AS A PERCENTAGE. <b>SAPROLITE (SAP.)</b> - RESIDUAL SOIL THAT RETAINS THE RELIC STRUCTURE OR FABRIC OF THE PARENT ROCK. <b>SILL</b> - AN INTRUSIVE BODY OF IGNEOUS ROCK OF APPROXIMATELY UNIFORM THICKNESS AND RELATIVELY THIN COMPARED WITH ITS LATERAL EXTENT, THAT HAS BEEN EMPLACED PARALLEL TO THE BEDDING OR SCHISTOSITY OF THE INTRUDED ROCKS. <b>SLICKENSIDE</b> - POLISHED AND STRIATED SURFACE THAT RESULTS FROM FRICTION ALONG A FAULT OR SLIP PLANE. <b>STANDARD PENETRATION TEST (PENETRATION RESISTANCE) (SPT)</b> - NUMBER OF BLOWS (N OR BPF) OF A 140 LB. HAMMER FALLING 30 INCHES REQUIRED TO PRODUCE A PENETRATION OF 1 FOOT INTO SOIL WITH A 2 INCH OUTSIDE DIAMETER SPLIT SPOON SAMPLER. SPT REFUSAL IS PENETRATION EQUAL TO OR LESS THAN 0.1 FOOT PER 60 BLOWS. <b>STRATA CORE RECOVERY (SREC.)</b> - TOTAL LENGTH OF STRATA MATERIAL RECOVERED DIVIDED BY TOTAL LENGTH OF STRATUM AND EXPRESSED AS A PERCENTAGE. <b>STRATA ROCK QUALITY DESIGNATION (SROD)</b> - A MEASURE OF ROCK QUALITY DESCRIBED BY TOTAL LENGTH OF ROCK SEGMENTS WITHIN A STRATUM EQUAL TO OR GREATER THAN 4 INCHES DIVIDED BY THE TOTAL LENGTH OF STRATA AND EXPRESSED AS A PERCENTAGE. <b>TOPSOIL (TS.)</b> - SURFACE SOILS USUALLY CONTAINING ORGANIC MATTER.</p>																																																																																																																																																					
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GENERALLY SILT-CLAY MATERIAL (COHESIVE)	VERY SOFT SOFT MEDIUM STIFF STIFF VERY STIFF HARD	< 2 2 TO 4 4 TO 8 8 TO 15 15 TO 30 > 30	< 0.25 0.25 TO 0.5 0.5 TO 1.0 1 TO 2 2 TO 4 > 4																																																																																																																																																											
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**SKEW = 90°**



# BEAVER DAM CREEK

-LREV-

EB1-B  
20+82  
22 RT

B1-B  
21+37  
14 RT

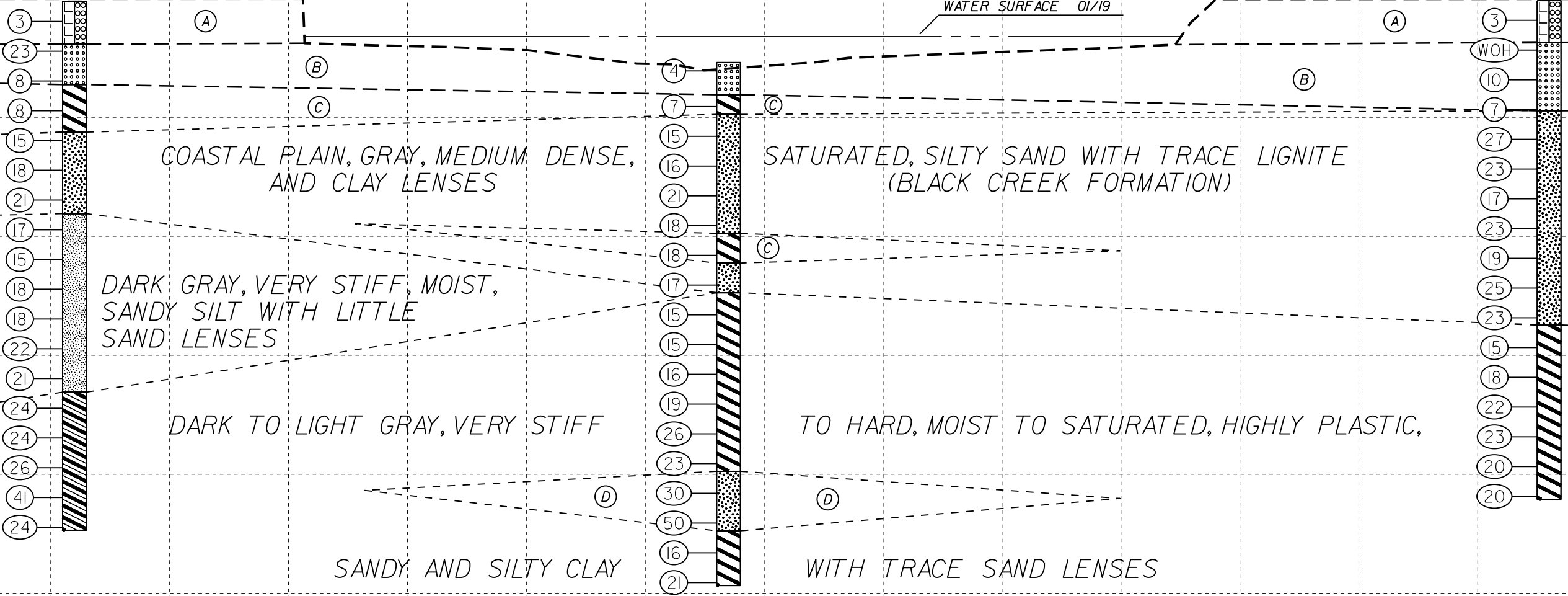
EB2-B  
22+06  
22 RT

\* ARTESIAN

\*  
12/18

\*  
01/19

WATER SURFACE 01/19



- (A) ROADWAY EMBANKMENT, TAN-BROWN, VERY LOOSE, MOIST TO WET, COARSE SAND
- (B) ALLUVIAL, DARK BROWN AND TAN-GRAY, VERY LOOSE TO MEDIUM DENSE, SATURATED, FINE SAND WITH TRACE ORGANICS AND BASAL GRAVEL
- (C) COASTAL PLAIN, DARK GRAY, MEDIUM TO VERY STIFF, MOIST, HIGHLY PLASTIC, SILTY CLAY WITH TRACE ORGANICS, WOOD FRAGMENTS, AND SAND LENSES (BLACK CREEK FORMATION)
- (D) COASTAL PLAIN, GRAY, MEDIUM DENSE, MOIST, SILTY SAND WITH TRACE CLAY LENSES

PROFILE GROUNDLINE TAKEN FROM  
BR0014 RDY PFL.DGN DATED 9/4/2018.

# GEOTECHNICAL BORING REPORT

## BORE LOG

WBS 67014.1.1		TIP BR-0014		COUNTY CUMBERLAND		GEOLOGIST Kintner, A. N.									
SITE DESCRIPTION BRIDGE NO. 0025 ON -LREV- NC 242 OVER BEAVER DAM CREEK							GROUND WTR (ft)								
BORING NO. EB1-B		STATION 20+82		OFFSET 22 ft RT		ALIGNMENT -LREV-									
COLLAR ELEV. 79.5 ft		TOTAL DEPTH 88.9 ft		NORTHING 410,274		EASTING 2,141,027									
DRILL RIG/HAMMER EFF./DATE RFO0074 CME-55 86% 11/17/2017			DRILL METHOD Mud Rotary		HAMMER TYPE Automatic										
DRILLER Pinter, D. G.		START DATE 12/19/18		COMP. DATE 12/19/18		SURFACE WATER DEPTH N/A									
ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	DEPTH (ft)	
			0.5ft	0.5ft	0.5ft	0	25	50	75	100					
85															
80															
75	77.1	2.4	1	2	1										
70	72.1	7.4	4	14	9										
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SITE DESCRIPTION BRIDGE NO. 0025 ON -LREV- NC 242 OVER BEAVER DAM CREEK							GROUND WTR (ft)								
BORING NO. EB1-B		STATION 20+82		OFFSET 22 ft RT		ALIGNMENT -LREV-									
COLLAR ELEV. 79.5 ft		TOTAL DEPTH 88.9 ft		NORTHING 410,274		EASTING 2,141,027									
DRILL RIG/HAMMER EFF./DATE RFO0074 CME-55 86% 11/17/2017			DRILL METHOD Mud Rotary		HAMMER TYPE Automatic										
DRILLER Pinter, D. G.		START DATE 12/19/18		COMP. DATE 12/19/18		SURFACE WATER DEPTH N/A									
ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	DEPTH (ft)	
			0.5ft	0.5ft	0.5ft	0	25	50	75	100					
5															
0	2.1	77.4	4	14	12										
-5	-2.9	82.4	6	11	30										
	-7.9	87.4	6	12	12										

NCDOT BORE DOUBLE BR0014\_GEO\_BRDG\_BH.GPJ NC\_DOT.GDT 1/31/19

# GEOTECHNICAL BORING REPORT

## BORE LOG

WBS 67014.1.1		TIP BR-0014		COUNTY CUMBERLAND		GEOLOGIST Kintner, A. N.	
SITE DESCRIPTION BRIDGE NO. 0025 ON -LREV- NC 242 OVER BEAVER DAM CREEK							GROUND WTR (ft)
BORING NO. B1-B		STATION 21+37		OFFSET 14 ft RT		ALIGNMENT -LREV-	
COLLAR ELEV. 69.2 ft		TOTAL DEPTH 87.9 ft		NORTHING 410,326		EASTING 2,141,048	
DRILL RIG/HAMMER EFF./DATE RFO0074 CME-55 86% 11/17/2017			DRILL METHOD Mud Rotary			HAMMER TYPE Automatic	
DRILLER Pinter, D. G.		START DATE 01/07/19		COMP. DATE 01/07/19		SURFACE WATER DEPTH 4.6ft	

ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	DEPTH (ft)	
			0.5ft	0.5ft	0.5ft	0	25	50	75	100					
75															
70	68.8	0.4	1	2	2										
65	62.8	6.4	2	3	4										
60	57.8	11.4	4	5	10										
55	52.8	16.4	4	8	8										
50	47.8	21.4	7	9	12										
45	42.8	26.4	6	8	10										
40	37.8	31.4	6	8	10										
35	32.8	36.4	7	8	9										
30	27.8	41.4	5	7	8										
25	22.8	46.4	5	7	8										
20	17.8	51.4	6	7	9										
15	12.8	56.4	6	9	10										
10	7.8	61.4	5	9	17										
5	2.8	66.4	6	11	12										
0	-2.2	71.4	6	11	19										
-5															

WBS 67014.1.1		TIP BR-0014		COUNTY CUMBERLAND		GEOLOGIST Kintner, A. N.	
SITE DESCRIPTION BRIDGE NO. 0025 ON -LREV- NC 242 OVER BEAVER DAM CREEK							GROUND WTR (ft)
BORING NO. B1-B		STATION 21+37		OFFSET 14 ft RT		ALIGNMENT -LREV-	
COLLAR ELEV. 69.2 ft		TOTAL DEPTH 87.9 ft		NORTHING 410,326		EASTING 2,141,048	
DRILL RIG/HAMMER EFF./DATE RFO0074 CME-55 86% 11/17/2017			DRILL METHOD Mud Rotary			HAMMER TYPE Automatic	
DRILLER Pinter, D. G.		START DATE 01/07/19		COMP. DATE 01/07/19		SURFACE WATER DEPTH 4.6ft	

ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	DEPTH (ft)	
			0.5ft	0.5ft	0.5ft	0	25	50	75	100					
-5															
-10	-7.2	76.4	9	20	30										
-15	-12.2	81.4	6	7	9										
	-17.2	86.4	6	9	12										

NCDOT BORE DOUBLE BR0014\_GEO\_BRDG\_BH.GPJ\_NC\_DOT.GDT 1/31/19



**EB1-B**

<b>SOIL TEST RESULTS</b>															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-1	22' RT	20+82	2.4-3.9	A-1-b(0)	-	NP	78.9	11.9	1.2	8.0	92	44	9	-	-
SS-2	22' RT	20+82	12.4-13.9	A-3(0)	-	-	61.6	33.4	1.0	4.0	92	77	6	-	-
SS-3	22' RT	20+82	17.4-18.9	A-7-6(51)	75	48	5.4	3.2	16.9	74.4	100	96	92	-	-
SS-4	22' RT	20+82	22.4-23.9	A-2-4(0)	-	NP	32.0	47.9	4.0	16.1	98	92	22	-	-
SS-5	22' RT	20+82	42.4-43.9	A-4(1)	33	10	8.5	54.5	10.9	26.2	100	98	43	-	-
SS-6	22' RT	20+82	72.4-73.9	A-6(4)	35	15	3.0	54.9	11.9	30.2	98	96	47	-	-

**B1-B**

<b>SOIL TEST RESULTS</b>															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-10	14' RT	21+37	6.4-5.9	A-7-5(46)	73	43	4.8	3.6	17.1	74.4	100	97	92	-	-
SS-11	14' RT	21+37	86.4-87.9	A-7-6(41)	62	41	1.8	13.9	46.1	38.2	100	99	91	-	-

**EB2-B**

<b>SOIL TEST RESULTS</b>															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
SS-7	22' RT	22+06	12.3-13.8	A-3(0)	-	NP	62.8	30.4	2.8	4.0	100	79	9	-	-
SS-8	22' RT	22+06	27.3-28.8	A-2-4(0)	-	NP	65.4	25.6	1.0	8.0	100	95	11	-	-
SS-9	22' RT	22+06	57.3-58.8	A-7-6(35)	60	41	2.0	22.1	21.5	54.3	100	99	82	-	-



# SITE PHOTOGRAPH

Bridge No. 25 on -LREV- (NC 242) over Beaver Dam Creek



Looking Northeast towards End Bent 2