

SOIL AND ROCK TEST RESULTS

PROJECT: 8.180501 R-2206C

COUNTY: CATAWBA

SITE DESCRIPTION: BRIDGE ON NC 16 (-L-) OVER NC 150 (-Y14-)

SHEET 16 OF 17

SOIL SAMPLE DATA

SAMPLE NO.	OFFSET	BORING LOCATION	DEPTH INTERVAL	AASHTO CLASS	N	LL	P.I.	% BY WEIGHT				% PASSING SIEVES		
								C. SAND	F. SAND	SILT	CLAY	10	40	200
SS-1	18.2 LT	EB1-A LT LN	1.25-1.55	A-7-5(19)	8	57	22	9.9	21.7	27.9	40.5	100	95	75
SS-2	"	"	2.77-3.07	A-5(5)	8	45	8	5.3	49	27.5	18.2	100	98	63
SS-3	"	"	5.81-6.11	A-5(5)	7	50	9	7.3	50.8	25.7	16.2	100	97	55
SS-4	"	"	10.37-10.67	A-5(5)	6	46	9	7.3	46.2	30.4	16.2	100	98	63
SS-5	"	"	14.93-15.23	A-4(0)	20	32	5	18.6	45.5	23.7	12.1	100	94	46
SS-6	"	"	25.53-25.83	A-4(0)	69	37	7	31.8	37.7	22.5	8.1	99	75	41
SS-7	7.7 LT	EB1-B LT LN	4.14-4.44	A-5(6)	11	46	10	8.7	39.5	31.6	20.2	100	96	63
SS-8	18 RT	EB1-B RT LN	3.05-3.35	A-7-5(8)	9	55	12	8.9	40.1	34.8	16.2	100	97	62
SS-9	15.6 RT	EB2-B RT LN	4.53-4.83	A-7-5(6)	7	53	13	10.5	46.4	24.9	18.2	100	97	53
SS-10	"	"	18.21-18.51	A-4(0)	7	35	4	28.9	36	22.9	12.1	95	78	43
SS-11	7.6 RT	EB2-A RT LN	1.44-1.74	A-7-5(18)	9	60	21	11.3	20.2	34	34.4	100	95	74
SS-12	"	"	4.48-4.78	A-5(3)	9	45	9	22.5	34.4	26.9	16.2	100	88	51
SS-13	16.5 LT	EB2-A LT LN	2.91-3.21	A-4(0)	8	32	4	10.3	48.4	27.1	14.2	100	99	51
SS-14	"	"	4.43-4.73	A-5(1)	10	42	6	21.7	41.7	24.5	12.1	100	90	48
SS-15	"	"	5.95-6.25	A-7-5(7)	9	52	12	10.1	41.5	32.2	16.2	100	94	59
SS-16	"	"	8.99-9.29	A-5(0)	9	41	6	23.1	45.7	23.1	8.1	100	90	40
SS-17	10 LT	EB2-B LT LN	5.92-6.22	A-5(3)	7	48	10	14.4	46.2	27.3	12.1	100	94	49
SS-18	"	"	18.08-18.38	A-4(0)	54	26	NP	31.4	39.5	21.1	8.1	98	80	37