TEST RESULTS

PROJECT: 8.2625201 B-3454
COUNTY: FORSYTH COUNTY
SITE DESCRIPTION: BRIDGE NO. 260 OVER MUDDY CREEK ON SR 1525

SOIL SAMPLE RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	N	L.L.	P.I.	% BY WEIGHT C. SAND	F. SAND	SILT	CLAY	% PASSING SIEVES 10	40	200	% MOISTURE	% ORGANIC	UNIT WT. (d)	VOID RATIO
SS-19	21.0 RT.	20+43 (EB1-B)	10.30-11.80	A-4(1)	6	30	10	14.8	49.9	11	24.3	100	96	43				
SS-20			15.30-16.80	A-5(1)	8	47	10	21.5	43.6	24.7	10.1	100	95	41				
SS-21			20.30-21.80	A-7-5(12)	5	60	16	5.1	36.7	40	18.3	100	99	66				
SS-22			34.70-36.20	A-7-5(9)	29	56	19	14.8	36.3	30.6	18.3	100	95	55				
SS-23			39.70-41.20	A-5(0)	61	41	8	27.8	42	20.1	10.1	100	91	37				
SS-24	14.0 RT.	20+66 (B1-B)	10.20-11.70	A-4(1)	0	36	8	11.6	51.5	20.7	16.2	100	97	43				
SS-25			15.20-16.70	A-7-5(29)	3	66	33	5.9	19.3	24.1	50.7	98	95	79				
SS-26			20.20-21.70	A-7-5(2)	7	50	13	29.6	35.1	23.1	12.2	100	84	41				
SS-27			25.20-26.70	A-5(7)	12	53	10	8.7	38.7	34.3	18.3	100	99	61				
SS-28			34.50-36.00	A-2-4(0)	44	31	5	51.3	26.6	14	8.1	89	58	24				
SS-33	13.0 LT.	21+20 (B2-A)	25.20-26.70	A-7-5(8)	17	60	22	20	40.4	29.4	10.2	100	93	48				
SS-8	14.0 RT.	21+19 (B2-B)	10.20-11.70	A-7-5(33)	1	70	33	4.9	16.4	30	48.7	99	96	84				
SS-9			16.30-17.80	A-7-5(11)	6	65	24	15	29.2	31.4	24.3	85	77	52				
SS-10			19.50-21.00	A-7-5(2)	31	51	13	30	32	25.8	12.2	95	78	41				
SS-11			24.60-26.10	A-7-5(3)	7	51	15	18.1	46	23.7	12.2	93	88	42				
SS-12			34.60-36.10	A-2-4(0)	35	37	4	46	28	17.8	8.1	95	69	30				
SS-13			44.30-45.80	A-2-5(0)	100+	43	10	19.1	44.6	24.1	12.2	75	68	34				
SS-32	13.0 LT.	21+44 (EB2-A)	29.40-30.90	A-2-7(2)	31	56	18	23.7	49.2	12.9	14.3	100	92	35				
SS-14	17.0 RT.	24+47 (EB2-B)	5.10-6.60	A-7-5(20)	13	60	26	11.6	19.1	26.8	42.6	96	89	71				
SS-15			10.10-11.60		9			1.6	12.4	37.3	48.7	100	99	91				
SS-16			15.10-16.60	A-7-5(2)	14	48	16	33.1	26.6	22.1	18.3	86	67	39				
SS-17			20.10-21.60	A-5(2)	20	51	9	19.1	42	26.8	12.2	97	90	43				
SS-18			44.40-45.90	A-7-5(2)	35	48	11	21.3	44.2	24.3	10.1	100	94	41				
SS-29	8.0 LT.	21+58 (EB2-AX)	15.30-16.80	A-7-5(5)	7	54	13	18.1	36.9	30.8	14.2	96	88	49				
SS-30			20.30-21.80	A-7-5(9)	14	62	21	16.6	39.1	32	12.2	100	96	50				
SS-31			30.30-31.80	A-7-5(4)	100+	50	15	17	47.5	25.4	10.1	100	96	46				
		DETOUR BRIDGE																
SS-34	50.0 RT.	13+50 (EB1DET)	0.00-1.50	A-6(4)	2	33	13	10.8	44.7	18	26.5	100	98	51				
SS-35			4.00-5.50	A-4(0)	3	28	7	12.9	55.7	15.1	16.3	100	97	38				
SS-36			9.00-10.50	A-7-6(13)	8	45	24	11	29.6	18.6	40.8	100	97	64				
SS-37			14.00-15.50	A-4(2)	2	33	10	3.3	58.6	19.8	18.4	100	99	48				
SS-1	15.0 RT.	14+90 (EB2-B)	0.00-1.50	A-6(4)	4	34	14	12.6	40.9	13.4	33.1	100	96	52				
SS-2			4.40-5.90	A-7-5(23)	10	62	27	9.9	16.3	20	53.7	96	90	75				
SS-3			9.40-10.90	A-7-5(13)	7	61	23	12.8	32.9	29.5	24.8	100	96	59				
SS-4			14.40-15.90	A-7-5(5)	10	53	17	17.4	41.9	24.2	16.5	100	95	47				
SS-5			19.40-20.90	A-7-5(16)	9	60	20	5.8	31.8	37.6	24.8	100	99	69				
SS-6			24.40-25.90	A-5(0)	12	42	6	37.6	30	22.1	10.3	100	77	39				
SS-7			29.40-30.90	A-5(1)	23	44	8	25.6	40.4	23.9	10.1	100	89	42				

ROCK SAMPLE RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	RQD	UNIT WT	Q(MPa) (MPsi)	E(MPa) (MPsi)