TEST RESULTS

PROJECT: 8.1601401 B-3157
COUNTY: DAVIDSON
SITE DESCRIPTION: BRIDGES 74 & 76 ON I-85 BUS. OVER SR 1242 & MICHAEL CREEK

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-4	40' LT	28+44(EB1-A)	9.80-10.80	A-2-4(0)	77	30	4	50.2	27.5	14.3	8.0	92	59	30				
SS-1	4' RT	28+45.5(EB1-C)	5.10-6.10	A-7-6(9)	1	46	19	18.1	24.3	21.5	36.1	92	83	58				
SS-2	4' RT	28+45.5(EB1-C)	10.10-11.10	A-1-b(0)	50	29	5	61.4	24.9	9.6	4.0	83	45	14				
SS-3	4' RT	28+45.5(EB1-C)	15.10-16.10	A-2-4(0)	100+	29	4	41.2	27.3	21.5	10.0	94	67	34				
SS-14	49' RT	28+45(EB1-B)	9.10-10.10	A-1-b(0)	12	27	NP	56.4	22.7	12.9	8.0	81	45	20				
SS-4A	75' LT	29+83.1(EB2-A)	4.30-5.30	A-7-6(18)	10	50	26	14.1	18.1	19.7	48.2	100	92	71				
SS-5	75' LT	29+83.1(EB2-A)	9.30-10.30	A-2-4(0)	10	29	NP	38.4	41.4	14.3	6.0	100	80	27				
SS-9	67' RT	29+93(EB2-B)	9.00-10.00	A-7-5(31)	17	75	36	9.2	18.7	21.9	50.2	99	95	75				
SS-10	67' RT	29+93(EB2-B)	14.00-15.00	A-2-4(0)	16	39	7	28.3	44.2	15.5	12.0	100	88	34				
SS-11	67' RT	29+93(EB2-B)	19.00-20.00	A-2-4(0)	14	36	NP	27.7	48.6	15.7	8.0	100	91	34				
SS-12	67' RT	29+93(EB2-B)	24.00-25.00	A-2-4(0)	16	32	NP	35.1	45.6	13.3	6.0	100	85	26				
SS-13	67' RT	29+93(EB2-B)	29.00-30.00	A-2-4(0)	24	31	NP	41.0	39.8	13.3	6.0	97	76	24				
SS-6	7.2' LT	29+62.5(EB2-C)	4.60-5.60	A-7-6(22)	2	56	30	9.4	23.7	18.7	48.2	100	96	72				
SS-7	7.2' LT	29+62.5(EB2-C)	9.60-10.60	A-7-6(27)	10	56	33	8.2	22.7	24.9	44.2	100	97	79				
SS-8	7.2' LT	29+62.5(EB2-C)	14.60-15.60	A-2-4(0)	7	37	7	41.6	31.1	19.3	8.0	100	73	34				

ROCK SAMPLE RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	RQD	UNIT WT	Q(MPa) (MPsi)	E(MPa) (MPsi)
		EB1-C					
RS-2	4' RT	28+45.5	34.0-34.5	42%	CURRENTLY BEING TESTED		
		EB1-B					
RS-1	49' RT	28+45	37.4-38.0	85%	CURRENTLY BEING TESTED		