

State Project No. 6.469002T
Dual Structures on -L- over -Y2-
Robeson County, North Carolina

SUMMARY OF LABORATORY TEST DATA
Right Lane

Boring No.	Sample Depth (m)	Sample No.*	Natural Moisture Content (%)	AASHTO Class (Group Index)	N-Value (bpi)**	Atterberg Limits			Gradation Results					Minus 2.00 mm Fraction			
						L.L.	P.L.	P.I.	Pass #10	Pass #40	Pass #200	Pass #270	Ret #60	Coarse Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)
EB1-A (RL)	4.12-4.57	SS-3	41.4	A-4(0)	9	28	NP	NP	100	98	42	40	19	19	42	16	23
EB1-A (RL)	14.79-15.24	SS-10	40.7	A-4(0)	58	25	NP	NP	100	87	45	32	25	25	43	26	6
EB1-B (RL)	2.59-3.05	SS-2	-	A-2-4(0)	7	33	NP	NP	100	100	32	28	0	0	71	7	22
EB1-B (RL)	11.74-12.20	SS-8	18.8	A-4(0)	19	28	NP	NP	100	82	41	6	41	41	54	3	2
B2-A (RL)	4.12-4.57	SS-3	-	A-2-4(0)	5	32	NP	NP	100	100	34	30	1	1	69	6	24
B2-A (RL)	13.26-13.72	SS-9	20.5	A-5(0)	29	44	NP	NP	100	87	61	55	22	22	23	46	9
B2-A (RL)	19.36-19.82	SS-13	-	A-3(0)	43	24	NP	NP	100	65	7	4	80	80	16	3	1
B2-D (RL)	7.16-7.62	SS-5	-	A-2-4(0)	2	23	NP	NP	100	72	19	18	57	57	25	9	9
B2-D (RL)	14.79-15.24	SS-10	18.5	A-7-6(17)	38	42	19	23	100	97	76	67	7	7	26	55	12
B2-D (RL)	22.41-22.87	SS-15	21.9	A-5(0)	21	45	NP	NP	100	98	80	70	3	3	27	55	15

* SS = Split-Spoon Sample (ASTM-D-1586)

** bpi = Blows per increment of 30 cm

*** S = Bulk Sample

NP -- Non Plastic

TRIGON ENGINEERING CONSULTANTS, INC.
RALEIGH, NORTH CAROLINA
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						L.L.	P.L.	P.I.	Pass #10	Pass #40	Pass #200	Pass #270	Ret #60	Coarse Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)
B2-B (RL)	13.26-13.72	SS-9	22.9	A-5(0)	25	45	NP	NP	100	96	80	71	6	6	23	11	60
B2-B (RL)	17.84-18.29	SS-12	-	A-2-4(0)	55	38	28	10	100	61	24	19	53	53	28	13	6
B3-A (RL)	1.07-1.52	SS-1	-	A-2-4(0)	19	15	NP	NP	97	60	18	16	61	60	24	7	9
B3-A (RL)	4.12-4.57	SS-3	23.6	A-6(3)	7	38	21	17	100	99	41	36	2	2	62	7	29
B3-A (RL)	17.84-18.29	SS-12	-	A-2-4(0)	57	34	NP	NP	100	59	20	16	62	62	22	12	4
EB2-A (RL)	4.12-4.57	SS-3	-	A-2-4(0)	4	19	NP	NP	100	70	10	10	68	68	22	0	10
EB2-A (RL)	11.74-12.20	SS-8	20.0	A-4(0)	36	33	NP	NP	100	71	37	32	41	41	27	10	22

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