



North Carolina Department of Transportation
 Division of Highways
 Materials and Test Unit
 Soils Laboratory

T.I.P. ID NO.: B-4319

REPORT ON SAMPLES OF: SOIL FOR QUALITY

PROJECT: 33656.1.1
 DATE SAMPLED: 5/05
 SAMPLED FROM: -L-
 SUBMITTED BY: E.C. Howey

COUNTY: Wayne
 RECEIVED: 5/05
 REPORTED: 5/24/05
 BY: Dave Jenks

TEST RESULTS

PROJ. SAMPLE NO.	EB1-A	EB1-A	EB1-B	EB1-B	EB2-A	EB2-B
LAB SAMPLE NO.	SS-27	SS-29	SS-3	SS-5	SS-19	SS-13
Retained #4 Sieve %	2.1	7.0	0.0	9.1	0.4	0.0
Passing #10 Sieve %	97.8	92.9	100.0	90.8	99.5	100.0
Passing #40 Sieve %	66.2	66.0	98.6	68.8	77.3	97.9
Passing #200 Sieve %	21.3	37.2	12.9	38.9	31.0	38.5

MINUS #10 FRACTION

SOIL MORTAR - 100%						
Coarse Sand Ret - #60 %	48.7	47.9	23.8	34.0	43.4	10.8
Fine Sand Ret - #270 %	32.0	12.6	66.3	30.4	25.6	53.6
Silt 0.053 - 0.010 mm %	6.0	15.9	2.9	20.8	0.0	8.4
Clay < 0.010 mm %	13.3	23.6	7.0	14.8	31.0	27.2
L.L.	13	29	16	22	37	29
P.L.	NP	NP	NP	NP	20	20
P.I.	NP	NP	NP	NP	17	9
AASHTO Classification	A-2-4(0)	A-4(0)	A-2-4(0)	A-4(0)	A-2-6(0)	A-4(0)
Station	15+91	15+91	15+84	15+84	16+74	16+74
Offset	16 ft LT	16 ft LT	21 ft RT	21 ft RT	18 ft LT	18 ft RT
Depth (ft)	3.5	13.5	8.5	18.5	3.5	8.5
to	5.0	15.0	10.0	20.0	5.0	10.0
Moisture Content (%)	9.2	30.9	19.9	10.3	17.2	33.4
Organic Content (%)						

NT = Not Tested
 NP = Not Plastic
 NA = Not Applicable

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