

**Summary of Soil Laboratory Tests**

<b>Project Name: Widening of I-75 from SR7 to SR122, Lowndes County</b>			
<b>GDOT Project No.: NHS00-0000-00(762)</b>			
<b>GDOT P.I. No.: 0000762</b>			
<b>MAAI Project No.: 11512</b>			
Sample location:	Ramp DD 62+00, BL	Ramp DD 72+00, BL	Ramp DD 82+00, BL
Sample depth:	1' - 5'	1' - 5'	1' - 5'
Lab No.:	4730	4732	4734
Date sampled:	11/12/2013	11/12/2013	11/12/2013
Date tested:	12/10/2013	12/9/2013	12/10/2013
Soil description:	Dark grey sand	Tan/red sand	Dark grey silty sand
% Passing No. 10:	100.0	100.0	100.0
% Passing No. 20:	97.6	86.1	94.1
% Passing No. 40:	85.3	62.7	78.9
% Passing No. 60:	65.9	42.8	60.1
% Passing No. 100:	38.3	28.3	39.9
% Passing No. 200:	16.5	20.0	34.4
% Clay:	5.8	15.4	20.0
D <sub>5</sub> (mm)	0.321	0.612	0.381
Total volume change:	2.4	1.0	4.4
% Swell:	0.9	0.2	3.2
% Shrinkage:	1.5	0.8	1.2
Max. Dry Density (pcf):	119.8	112.5	123.8
% Optimal Moisture:	10.9	12.4	9.1
Liquid Limit:	NP	NP	NP
Plastic Limit:	NP	NP	NP
Plasticity Index:	NP	NP	NP
Erosion index	8.16	7.67	7.67
CBR			
Resistivity			
In-situ Moist Content, %	10.6	10.7	11.9
Ph			
Organic			
<b>GDOT Class:</b>	<b>IA2</b>	<b>IA2</b>	<b>IIB1</b>
			<b>IIB2</b>

Remarks: GDOT Methods GDT-4, GDT-6, GDT-67

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