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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION MATERIALS AND RESEARCH

DATE OF SURVEY :	2/15/2007-5/1/2007
SURVEY MADE BY :	HARTFORD TESTING COMPANY
SUBMITTED BY .	IAPRY BALLARO P.F.

PROJECT	NAME: _			
FINANCIAL	L PROJECT	ID	:	

DISTRICT : 3

ROAD NO : S.R. 166

COUNTY : JACKSON

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA.: 400+00 SURVEY ENDS STA.: 554+00

REFERENCE: BASELINE SURVEY

		ORGANIC ONTENT					ALYSIS RI L PASS	ESULTS				TERBERG IMITS (%)				CORROSION T	EST RESU	LTS	
STRATUM NO.	NO. OF TESTS	% ORGANIC	MOISTURE CONTENT	NO. OF TESTS	IO MESH	40 MESH	60 MESH	IOO MESH	200 <u>MESH</u>	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP	DESCRIPTION	NO. OF TESTS	RESISTIVITY ohms-cm	CHLORIDE ppm	SULFATES ppm	рН
,												N.P.		ROCK BASE, ASPHALTIC CONCRETE					
2				4	87-98	77-93	59- <i>82</i>	44-55	3-10			N.P.	A-3	SUBGRADE, GRAY & TAN SAND W/TRACE SILT, LIMEROCK & SHELL					
3	7	3-4	8-20	7	94-100	86-94	65-71	34-45	15-21			N.P.	A-2-4	FILL, DARK BROWN SAND W/SOME SILT & TRACE LIMEROCK	7	34000-43000	40-60	18-72	6.4-8.3
4	3	1-2	15-25	4	84-100	71-93	60-90	53-82	37-45	4	25-38	5-9	A-4	GRAY AND BROWN SILTY SAND W/TRACE CLAY AND LIMESTONE FRAGMENTS	4	23000-26000	60-120	84-96	8.4-8.9
5				3	100	99-100	96-98	75-80	30-34	3	42-44	11-15	A-2-7	TAN AND LIGHT GRAY SILTY SAND W/SOME CLAY AND TRACE SHELL	3	6600-8000	60-120	156-216	7.5-8.2
6	3	18- 4 0	20-60						30-46	3	25-33	10-15	A-8	MUCK, ORGANIC DARK BROWN SILTY SAND W/SOME CLAY					
7				3	100	88-92	73-79	60-69	5/-55	3	55-6/	38-53	A-7	YELLOW AND GRAY SILTY SAND CLAY					
8	3	16-20	20-58	3	99-100	97-99	88-97	77-80	10-15			N.P.	A-8	MUCK, BROWN SAND W/SOME ORGANIC AND TRACE SHELL	3	20000-35000	120	120	4.6-5.2
9														NATURAL LIMESTONE					

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE MAKE FINAL CHECK AFTER GRADING

¬ - WATER TABLE ENCOUNTERED

GNE - GROUND WATER NOT ENCOUNTERED

The material from Stratum Number Lis Rock Base under Asphaltic Concrete.

The material from Stratum Number 2 appears satisfactory for use in the embankment when utilized in accordance with Index 505.

The material from Stratum Number 3 appears satisfactory for use in the embankment when utilized in accordance with Index 505. However, this material is likely to retain excess moisture and may be difficult to dry and compact. It should be used in the submitted in accordance existing at the time of construction. This material may not be used in the subgrade portion of the roadbed due to its organic content.

The materials from Stratum Numbers 4 and 5 are plastic materials and shall be removed in accordance with index 500. They may be placed above the existing water level at the time of construction, to within 4 feet of the proposed base. They should be placed uniformly in the lower portion of the embankment for some distances along the project rather than full depths for short distances.

The material from Stratum Numbers 6 and 8 is ORGANIC/A-8 material and shall be removed in accordance with Index 500, except where noted in the cross sections.

The material from Stratum Number 7 is Highly Plastic material and shall be removed in accordance with index 500. It may be used within the project limits as indicated in index 505 only when excovated within the project limits and is not to be used when obtained from outside the project limits.

The material from Stratum Number 9 is the Natural Limestone Formation. Special tools and equipment may be required to excavate and/or dewater this material.

	EXHIBIT	SS-I	
1	Date.•	1/1/09	

		SIONS				STATE OF FLO	RIDA
DATE	DESCRIPTION	DATE	DESCRIPTION				
					DEPARTMENT OF TRANSPORTATION		
					ROAD NO.	COUNTY	FINANCIAL PROJEC
					166	JACKSON	123456-1-52

ROADWAY SOILS SURVEY

ILS SURVEY