

State Materials Office  
5007 Northeast 39<sup>th</sup> Avenue, Gainesville, FL 32609  
Phone (352) 955-6600, Fax (352) 955-2914

## Memorandum

DATE: August 16, 2006

TO: **Second District Materials Engineer**

FROM: Richard G. Roberts, Assistant Bituminous Laboratory Coordinator

SUBJECT: Proposed Recycle F.P.N.: **210673-2-52-01**  
FAP No.: **N/A**  
State Road: **SR 5 / US 17**  
County: **Nassau**  
From M.P. **10.737** to M.P. **13.375**

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At your request, tests were performed on the subject project to determine the composition of existing pavement. A summary of the results is attached.

Please note that these roadway core test results are for informational purposes only and are not to be considered as a guarantee of the pavement composition other than at the locations identified in this summary.

If we can be of further assistance in developing the project, please let us know.

RGR

Attachment(s)

State of Florida Department of Transportation  
**Pavement Composition Data Sheet**

Revised 03/01

Date: August 16, 2006

Milling Depth : 3.00 in.

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<b>F. P. N. :</b> 210673-2-52-01	<b>S.R. No.:</b> SR 5 / US 17	<b>Notes</b>
<b>F. A. P. No. :</b> N/A	<b>From :</b> I-95	
<b>County :</b> Nassau	<b>To :</b> Georgia S/L	
<b>No. of Lanes :</b> 2	<b>Beg M.P. :</b> 10.737 <b>End M.P. :</b> 13.375	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumer	
			FC3	S	CRL	T1	ST	---	---		3/4 in.	1/2 in.	3/8 in.	No. 4	No. 8	No. 16	No. 30	No. 50	No. 100	No. 200		
1	10.900	R1	0.90	1.30	---	1.20	---	---	---	3.40												
2	11.210	R1	0.80	1.10	---	1.70	---	---	---	3.60												
3	11.510	R1	0.60	3.80	0.50	1.40	1.10	---	---	7.40	100.00	98.77	95.39	68.17	47.52	37.03	30.24	23.90	9.91	5.70	7.02	
4	11.920	R1	0.70	4.30	0.50	1.00	1.70	---	---	8.20												
5	12.200	R1	0.80	3.30	0.50	1.00	0.80	---	---	6.40												
6	12.510	R1	0.50	4.30	0.50	1.10	1.50	---	---	7.90	100.00	99.08	96.91	72.24	51.28	39.57	32.08	25.50	11.52	6.87	7.99	
7	12.870	R1	0.50	3.70	0.50	0.20	---	---	---	4.90												
8	13.180	R1	0.50	4.50	0.50	1.00	3.80	---	---	10.30												
9	10.900	R2	0.90	1.00	---	1.50	---	---	---	3.40	100.00	99.91	99.11	82.93	59.89	47.11	38.86	31.27	11.71	6.90	6.25	
10	11.210	R2	1.00	1.30	---	1.00	---	---	---	3.30												
11	10.810	L1	1.00	1.10	---	1.20	---	---	---	3.30												
12	11.270	L1	0.60	3.50	---	0.90	---	---	---	5.00	100.00	99.12	96.42	70.65	48.41	37.79	31.25	25.26	11.28	6.70	6.89	
13	11.570	L1	0.60	4.30	0.50	2.10	---	---	---	7.50												
14	11.870	L1	0.70	3.40	0.50	0.80	---	---	---	5.40												
15	12.260	L1	0.70	3.10	0.50	0.90	0.90	---	---	6.10	100.00	99.05	95.51	70.15	48.75	38.27	31.59	25.56	11.58	6.90	7.99	
16	12.550	L1	0.80	3.90	0.50	5.20	---	---	---	10.40												
17	12.740	L1	0.70	4.00	0.50	1.20	1.50	---	---	7.90												
18	12.970	L1	0.90	4.80	0.50	1.00	0.60	---	---	7.80	100.00	98.74	95.27	67.36	46.18	35.42	28.46	21.96	7.61	6.74	7.42	
19	11.220	L2	1.00	1.00	---	1.20	---	---	---	3.20												
20	10.810	L2	1.00	1.20	---	0.90	---	---	---	3.10												
21	10.900	OR	1.10	3.80	---	---	---	---	---	4.90												
22	11.210	OR	0.90	3.80	---	---	---	---	---	4.70												
23	11.510	OR	0.70	1.80	---	---	---	---	---	2.50												
24	11.920	OR	0.60	1.50	---	---	---	---	---	2.10												
25	12.200	OR	0.70	1.40	---	---	---	---	---	2.10												

Remarks : \_\_\_\_\_

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State of Florida Department of Transportation  
**Pavement Composition Data Sheet**

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Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves							% Bitumer				
			FC3	S	CRL	T1	ST	---	---		3/4 in.	1/2 in.	3/8 in.	No. 4	No. 8	No. 16	No. 30		No. 50	No. 100	No. 200	
26	12.510	OR	0.40	1.50	---	---	---	---	---	1.90												
27	12.870	OR	0.50	1.10	---	---	---	---	---	1.60												
28	13.180	OR	0.50	1.50	---	---	---	---	---	2.00												
29	10.810	OL	1.00	1.50	---	---	---	---	---	2.50												
30	11.270	OL	0.60	1.40	---	---	---	---	---	2.00												
31	11.570	OL	0.60	1.30	---	---	---	---	---	1.90												
32	11.870	OL	0.50	1.50	---	---	---	---	---	2.00												
33	12.260	OL	0.50	1.20	---	---	---	---	---	1.70												
34	12.550	OL	0.60	1.40	---	---	---	---	---	2.00												
35	12.740	OL	0.50	1.00	---	---	---	---	---	1.50												
36	12.970	OL	0.50	1.10	---	---	---	---	---	1.60												

Remarks : \_\_\_\_\_

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