

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

## Memorandum

DATE: March 17, 2006

TO: **First District Materials Engineer**

FROM: Richard G. Roberts, Assistant Bituminous Laboratory Coordinator

SUBJECT: Proposed Recycle F.P.N.: **198017-2-52-01**  
FAP No.: **N/A**  
State Road: **45A**  
County: **Sarasota**  
From M.P. **0.419** to M.P. **2.830**

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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: March 17, 2006

Milling Depth : 3.00 in.

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F. P. N. : 198017-2-52-01	S.R. No.: 45A	<b>Notes</b>
F. A. P. No. : N/A	From : Center Rd.	
County : Sarasota	To : Bird Bay Dr.	
No. of Lanes : 4 @ 12'	Beg M.P. : 0.419      End M.P. : 2.830	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumer	
			S	WC	S	T-I	BIND	---	---		3/4 in.	1/2 in.	3/8 in.	No. 4	No. 8	No. 16	No. 30	No. 50	No. 100	No. 200		
1	0.618	R2	---	---	4.10	---	---	---	---	4.10												
2	0.819	R1	---	0.40	---	2.10	2.00	---	---	4.50												
3	1.019	R2	---	0.50	---	2.00	2.00	---	---	4.50												
4	1.219	R1	---	0.50	---	2.00	2.00	---	---	4.50												
5	1.419	R2	---	0.70	---	1.30	2.30	---	---	4.30	93.45	87.63	83.46	52.39	34.17	29.34	26.66	20.61	9.09	3.54	5.99	
6	1.619	R1	---	0.40	---	1.80	2.00	---	---	4.20	93.56	89.56	86.83	61.59	40.94	33.47	29.15	22.32	10.15	4.18	6.10	
7	1.819	R2	1.00	0.60	---	1.40	2.30	---	---	5.30												
8	2.019	R1	---	0.40	---	2.00	2.00	---	---	4.40												
9	2.219	R2	---	0.60	---	2.00	2.10	---	---	4.70												
10	2.419	R1	---	0.60	---	2.00	2.00	---	---	4.60												
11	2.619	R2	---	0.60	---	1.80	2.00	---	---	4.40	98.63	95.56	92.75	67.75	46.90	38.08	32.90	25.75	13.65	6.54	6.27	
12	2.776	R1	3.00	0.40	---	2.00	2.10	---	---	7.50	100.00	100.00	93.77	73.71	58.10	49.12	38.89	27.55	12.36	4.54	7.46	
13	2.619	L2	---	0.50	---	2.50	1.50	---	---	4.50												
14	2.652	L1	---	0.50	---	2.00	2.00	---	---	4.50												
15	2.219	L2	---	0.50	---	1.60	2.50	---	---	4.60												
16	2.259	L1	---	0.70	---	2.00	2.10	---	---	4.80												
17	1.819	L2	---	0.50	---	1.80	1.90	---	---	4.20	96.17	92.56	90.61	64.67	42.49	35.93	31.97	24.82	11.99	5.89	6.23	
18	1.852	L1	0.80	0.50	---	2.00	2.00	---	---	5.30	95.41	91.14	88.57	66.74	45.24	38.06	33.91	26.70	13.81	7.28	6.42	
19	1.419	L2	---	0.30	---	2.00	2.30	---	---	4.60												
20	1.452	L1	---	0.40	---	1.40	2.40	---	---	4.20												
21	1.019	L2	---	0.60	---	1.70	2.00	---	---	4.30												
22	1.052	L1	---	0.50	---	1.60	2.00	---	---	4.10												
23	0.619	L2	---	0.50	---	1.80	2.20	---	---	4.50	100.00	98.03	95.03	68.39	47.08	37.92	32.62	25.57	14.18	7.99	5.82	
24	0.652	L1	---	---	2.00	1.00	1.50	---	---	4.50	96.90	91.81	87.22	67.13	53.39	46.40	41.85	32.51	13.31	5.97	6.08	
25	0.198	R2	---	---	0.90	1.70	---	---	---	2.60												

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