

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

Memorandum

DATE: August 17, 2006

TO: **Second District Materials Engineer**

FROM: Richard G. Roberts, Assistant Bituminous Laboratory Coordinator

SUBJECT: Proposed Recycle F.P.N.: **207734-4-52-01**
FAP No.: **N/A**
State Road: **121**
County: **Alachua**
From M.P. **0.000** to M.P. **8.698**

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 17, 2006

Milling Depth : 2.00 in.

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F. P. N. : 207734-4-52-01	S.R. No.: 121	Notes
F. A. P. No. : N/A	From : Levy County	
County : Alachua	To : I-75	
No. of Lanes : 2	Beg M.P. : 0.000 End M.P. : 8.698	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumer	
			FC2	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	0.200	R1	0.70	2.00	0.50	2.50	0.70	---	---	6.40												
2	0.500	R1	0.60	2.00	0.50	0.70	0.60	---	---	4.40												
3	0.800	R1	0.70	1.60	0.50	1.10	0.60	---	---	4.50	100.00	91.49	83.56	52.66	40.12	33.82	28.81	21.21	10.96	8.65	7.72	
4	1.200	R1	0.60	1.90	0.50	1.20	0.60	---	---	4.80												
5	1.500	R1	0.50	2.00	0.50	1.10	0.50	---	---	4.60												
6	1.800	R1	1.00	1.70	0.50	1.00	0.40	---	---	4.60	99.06	90.82	83.88	47.25	34.86	29.47	25.09	18.44	9.14	5.40	6.89	
7	2.200	R1	0.80	1.50	0.50	1.20	0.60	---	---	4.60												
8	2.500	R1	1.10	1.80	0.50	1.50	0.50	---	---	5.40												
9	2.800	R1	0.70	1.80	0.50	1.50	0.50	---	---	5.00	100.00	92.87	84.84	53.94	40.06	33.72	28.66	21.15	10.45	6.19	6.87	
10	3.200	R1	0.70	1.50	0.50	1.70	0.50	---	---	4.90												
11	3.500	R1	0.90	1.80	0.50	1.80	0.50	---	---	5.50												
12	3.800	R1	0.70	1.80	0.50	1.00	0.50	---	---	4.50	99.35	89.46	83.29	53.74	40.85	34.82	29.93	22.32	11.25	6.58	7.45	
13	4.200	R1	0.80	1.60	0.50	1.90	0.50	---	---	5.30												
14	4.500	R1	0.50	1.30	0.50	0.70	0.50	---	---	3.50												
15	4.800	R1	0.80	1.30	0.50	1.30	0.50	---	---	4.40	100.00	96.09	89.41	53.77	40.12	33.65	28.51	20.37	9.62	5.46	8.50	
16	5.200	R1	0.70	3.00	---	---	---	---	---	3.70												
17	5.500	R1	0.60	1.30	0.50	1.30	0.50	---	---	4.20												
18	5.800	R1	0.80	1.50	0.50	1.00	0.50	---	---	4.30	100.00	95.45	88.56	57.77	43.13	36.16	30.64	22.06	10.51	6.02	8.23	
19	6.200	R1	0.50	2.50	0.50	1.30	0.50	---	---	5.30												
20	6.500	R1	0.80	1.80	0.50	1.00	0.50	---	---	4.60												
21	6.800	R1	0.60	1.80	0.50	0.70	0.50	---	---	4.10	99.04	95.74	91.43	62.86	48.16	40.48	34.58	25.30	12.43	7.11	7.69	
22	7.200	R1	0.60	1.70	0.50	1.30	0.50	---	---	4.60												
23	7.500	R1	0.40	2.30	0.50	0.40	0.50	---	---	4.10												
24	7.800	R1	0.60	1.70	0.50	1.10	0.50	---	---	4.40	97.11	90.79	85.07	57.40	44.85	37.91	21.42	23.45	11.44	6.55	7.79	
25	8.200	R1	0.70	3.10						3.80												
26	8.500	R1	---	1.90	0.50	0.60	0.50	---	---	3.50												

Remarks : _____

State of Florida Department of Transportation
Pavement Composition Data Sheet

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F. P. N. : 207734-4-52-01	S.R. No.: 121	Notes
F. A. P. No. : N/A	From : Levy County	
County : Alachua	To : I-75	
No. of Lanes :	Beg M.P. : 0.000 End M.P. : 8.698	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumen
			FC2	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	
27	0.300	L1	0.80	1.90	0.50	1.20	0.60	---	---	5.00	100.00	90.46	82.61	51.28	38.49	32.78	28.05	20.48	9.86	5.74	6.44
28	0.600	L1	0.90	2.90	0.50	1.10	0.60	---	---	6.00											
29	0.900	L1	1.00	2.70	0.50	0.90	0.50	---	---	5.60											
30	1.300	L1	0.70	2.00	0.50	0.80	0.50	---	---	4.50	100.00	89.45	80.93	55.96	43.07	36.33	30.90	21.93	9.82	5.72	7.76
31	1.600	L1	0.60	2.30	0.50	0.70	0.50	---	---	4.60											
32	1.900	L1	0.50	3.80	---	---	---	---	---	4.30											
33	2.300	L1	0.60	2.40	0.50	2.40	0.50	---	---	6.40	100.00	87.41	80.33	53.19	41.34	35.50	30.62	22.01	9.92	5.58	7.39
34	2.600	L1	0.50	2.50	0.50	1.00	0.50	---	---	5.00											
35	2.900	L1	0.70	2.00	0.50	0.60	0.60	---	---	4.40											
36	3.300	L1	0.40	1.70	0.50	1.50	0.50	---	---	4.60	100.00	96.75	89.23	62.71	48.38	40.54	34.36	24.14	11.10	6.26	8.82
37	3.600	L1	0.50	2.00	0.50	1.40	0.50	---	---	4.90											
38	3.900	L1	0.40	2.00	0.50	1.50	0.60	---	---	5.00											
39	4.300	L1	0.50	2.00	0.50	0.90	0.60	---	---	4.50	100.00	91.99	85.00	60.52	46.54	39.64	34.19	24.40	11.53	6.66	8.00
40	4.600	L1	0.40	2.00	0.50	0.80	0.50	---	---	4.20											
41	4.900	L1	0.60	2.50	0.50	0.50	0.50	---	---	4.60											
42	5.300	L1	1.40	3.80	---	---	---	---	---	5.20	100.00	96.77	89.99	47.65	31.42	27.58	24.99	18.64	9.08	5.44	6.57
43	5.600	L1	0.70	2.00	0.50	0.50	0.50	---	---	4.20											
44	5.900	L1	0.50	2.00	0.50	0.50	0.50	---	---	4.00											
45	6.300	L1	0.60	1.60	0.50	0.80	0.50	---	---	4.00	100.00	92.63	86.43	56.40	42.84	36.21	30.99	22.38	10.50	5.99	8.19
46	6.600	L1	0.50	1.70	0.50	0.40	0.50	---	---	3.60											
47	6.900	L1	0.90	2.60	0.50	0.70	0.50	---	---	5.20											
48	7.300	L1	0.60	3.60	---	---	---	---	---	4.20	100.00	89.60	83.09	56.78	44.93	38.01	32.39	22.89	10.06	5.63	7.37
49	7.600	L1	0.70	2.50	0.50	1.00	0.50	---	---	5.20											
50	7.900	L1	0.50	1.80	0.50	1.40	0.50	---	---	4.70											
51	8.300	L1	0.40	2.30	---	---	0.50	---	---	3.20	100.00	92.87	85.93	58.66	45.87	38.72	32.85	24.06	11.97	7.13	6.66
52	8.600	L1	---	5.00	---	---	---	---	---	5.00											

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F. P. N. : 207734-4-52-01	S.R. No.: 121	<u>Notes</u>
F. A. P. No. : N/A	From : Levy County	
County : Alachua	To : I-75	
No. of Lanes :	Beg M.P. : 0.000 End M.P. : 8.698	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves								% Bitumen		
			FC2	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
53	8.300	L1	0.40	2.30	---	---	0.50	---	---	3.20											
54	0.200	OR	1.00	1.30	---	---	---	---	---	2.30											
55	0.500	OR	0.60	1.60	---	---	---	---	---	2.20											
56	0.800	OR	0.70	2.20	---	---	---	---	---	2.90											
57	1.200	OR	0.40	2.20	---	---	---	---	---	2.60											
58	1.500	OR	0.40	2.00	---	---	---	---	---	2.40											
59	1.800	OR	0.40	2.00	---	---	---	---	---	2.40											
60	2.200	OR	0.60	1.50	---	---	---	---	---	2.10											
61	2.500	OR	0.80	1.80	---	---	---	---	---	2.60											
62	2.800	OR	0.80	2.20	---	---	---	---	---	3.00											
63	3.200	OR	0.60	1.40	---	---	---	---	---	2.00											
64	3.500	OR	0.60	1.70	---	---	---	---	---	2.30											
65	3.800	OR	0.60	2.20	---	---	---	---	---	2.80											
66	4.200	OR	1.00	2.80	---	---	---	---	---	3.80											
67	4.500	OR	0.80	1.50	---	---	---	---	---	2.30											
68	4.800	OR	0.60	1.40	---	---	---	---	---	2.00											
69	5.200	OR	1.30	2.20	---	---	---	---	---	3.50											
70	5.500	OR	0.50	1.00	---	---	---	---	---	1.50											
71	5.820	OR	0.60	1.50	---	---	---	---	---	2.10											
72	6.200	OR	0.50	2.00	---	---	---	---	---	2.50											
73	6.500	OR	0.50	1.80	---	---	---	---	---	2.30											
74	6.800	OR	0.50	1.60	---	---	---	---	---	2.10											
75	7.200	OR	0.70	1.70	---	---	---	---	---	2.40											
76	7.500	OR	0.40	1.30	---	---	---	---	---	1.70											
77	8.200	OR	1.20	3.60	---	---	---	---	---	4.80											
78	8.500	OR	---	2.20	---	---	---	---	---	2.20											
79	0.300	OR	0.40	1.30	---	---	---	---	---	1.70											

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County : Alachua	To : I-75	
No. of Lanes :	Beg M.P. : 0.000 End M.P. : 8.698	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves								% Bitumer			
			FC2	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	
80	0.600	OL	1.10	2.00	---	---	---	---	---	3.10												
81	0.900	OL	0.90	2.10	---	---	---	---	---	3.00												
82	1.300	OL	1.00	1.50	---	---	---	---	---	2.50												
83	1.600	OL	0.60	2.00	---	---	---	---	---	2.60												
84	1.900	OL	0.50	1.80	---	---	---	---	---	2.30												
85	2.300	OL	0.80	2.30	---	---	---	---	---	3.10												
86	2.600	OL	0.60	1.50	---	---	---	---	---	2.10												
87	2.900	OL	0.70	2.00	---	---	---	---	---	2.70												
88	3.300	OL	0.50	1.50	---	---	---	---	---	2.00												
89	3.600	OL	0.70	1.80	---	---	---	---	---	2.50												
90	3.900	OL	0.90	2.00	---	---	---	---	---	2.90												
91	4.300	OL	0.90	2.30	---	---	---	---	---	3.20												
92	4.600	OL	0.80	2.00	---	---	---	---	---	2.80												
93	4.900	OL	0.70	2.30	---	---	---	---	---	3.00												
94	5.300	OL	1.00	2.00	---	---	---	---	---	3.00												
95	5.600	OL	0.70	2.20	---	---	---	---	---	2.90												
96	5.900	OL	0.80	2.20	---	---	---	---	---	3.00												
97	6.300	OL	0.80	1.30	---	---	---	---	---	2.10												
98	6.560	OL	0.70	4.00	---	---	---	---	---	4.70												
99	6.900	OL	---	3.70	---	---	---	---	---	3.70												
100	7.300	OL	0.70	3.00	---	---	---	---	---	3.70												
101	7.600	OL	1.20	2.70	---	---	---	---	---	3.90												
102	7.900	OL	0.60	1.60	---	---	---	---	---	2.20												
103	8.300	OL	0.70	1.60	---	---	---	---	---	2.30												
104	8.600	OL	---	7.00	---	---	---	---	---	7.00												

Remarks : _____
