

State Materials Office
5007 Northeast 39th 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.: **210597-2-52-01 (74110)**
FAP No.: **N/A**
State Road: **A-1-A**
County: **Nassau**
From M.P. **0.000** to M.P. **5.693**

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 : 2.00 in.

Page: 2 of 4

F. P. N. : 210597-2-52-01 (74110)	S.R. No.: A-1-A	Notes co/sec # 74110
F. A. P. No. : N/A	From : CR 105A	
County : Nassau	To : Atlantic Avenue	
No. of Lanes : 2	Beg M.P. : 0.000 End M.P. : 5.693	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumer
			FC4	S	T2	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	0.220	R1	2.00	5.00	---	---	---	---	7.00												
2	0.500	R1	0.70	4.90	---	0.70	---	---	6.30												
3	0.800	R1	2.00	8.00	---	0.80	---	---	10.80	100.00	98.23	96.40	85.96	66.46	49.02	37.66	28.56	12.18	6.95	6.61	
4	1.200	R1	0.90	7.00	---	---	---	---	7.90												
5	1.500	R1	1.00	4.50	---	0.70	---	---	6.20												
6	1.800	R1	1.20	2.90	---	0.50	---	---	4.60	100.00	99.19	96.24	79.39	62.65	53.66	41.95	25.59	9.47	5.18	7.52	
7	2.200	R1	1.00	3.20	---	0.70	---	---	4.90												
8	2.500	R1	0.60	3.60	---	0.70	---	---	4.90												
9	2.800	R1	0.90	3.90	---	0.50	---	---	5.30	100.00	99.83	98.18	89.31	72.75	58.56	45.06	29.76	11.54	6.21	6.95	
10	3.200	R1	0.70	2.30	1.70	1.00	---	---	5.70												
11	3.500	R1	0.90	2.80	1.90	1.50	---	---	7.10												
12	3.800	R1	0.70	3.00	1.50	1.30	---	---	6.50	100.00	99.30	97.54	85.91	69.70	56.70	43.18	28.50	12.06	7.04	6.82	
13	4.200	R1	0.80	2.80	1.30	1.50	---	---	6.40												
14	4.500	R1	0.70	2.60	1.80	1.70	---	---	6.80												
15	4.800	R1	0.70	4.30	2.50	1.60	---	---	9.10	100.00	98.93	97.01	84.60	69.61	56.50	42.21	27.37	11.88	7.16	6.57	
16	5.200	R1	0.60	5.00	---	0.90	---	---	6.50												
17	5.500	R1	1.00	3.60	2.80	1.90	---	---	9.30												
18	0.300	L1	0.90	5.20	---	0.50	---	---	6.60	100.00	99.58	97.33	85.56	65.34	51.37	39.28	26.78	10.42	5.56	7.12	
19	0.600	L1	0.80	3.00	---	---	---	---	3.80												
20	0.900	L1	1.50	2.80	---	---	---	---	4.30												
21	1.300	L1	0.90	5.00	---	0.50	---	---	6.40	100.00	100.00	98.25	88.50	69.70	55.55	42.17	27.53	11.01	6.29	7.02	
22	1.600	L1	0.90	4.50	---	0.60	---	---	6.00												
23	1.900	L1	0.80	4.00	---	0.70	---	---	5.50												
24	2.300	L1	1.10	4.10	---	---	---	---	5.20	100.00	100.00	99.49	94.78	78.47	61.42	45.87	29.15	12.56	7.08	6.43	
25	2.600	L1	0.70	5.00	---	0.50	---	---	6.20												

Remarks : _____

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Page: 3 of 4

F. P. N. : 210597-2-52-01 (74110)	S.R. No.: A-1-A	Notes co/sec # 74110
F. A. P. No. : N/A	From : CR 105A	
County : Nassau	To : Atlantic Avenue	
No. of Lanes : 2	Beg M.P. : 0.000 End M.P. : 5.693	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumer	
			FC4	S	T2	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	2.900	L1	0.60	3.00	1.50	1.00	---	---	---	6.10												
27	3.300	L1	0.90	2.70	1.40	1.89	---	---	---	6.89	100.00	99.34	98.16	88.97	74.02	59.67	45.79	31.02	13.45	8.05	6.72	
28	3.600	L1	1.40	3.40	1.80	1.20	---	---	---	7.80												
29	3.900	L1	0.70	3.30	3.00	2.40	---	---	---	9.40												
30	4.300	L1	0.50	2.40	2.10	0.40	---	---	---	5.40	100.00	99.25	97.32	81.94	65.63	54.22	41.69	27.22	12.25	7.29	6.66	
31	4.600	L1	0.60	3.00	2.20	1.60	---	---	---	7.40												
32	4.900	L1	0.50	5.90	2.00	1.10	---	---	---	9.50												
33	5.300	L1	0.60	3.00	2.10	1.30	---	---	---	7.00	100.00	98.93	96.53	83.63	66.12	53.57	41.35	28.43	12.36	7.48	8.42	
34	5.600	L1	0.60	2.40	1.50	1.00	---	---	---	5.50												
35	0.220	OR	0.70	3.50	---	---	---	---	---	4.20												
36	0.500	OR	1.10	3.50	---	---	---	---	---	4.60												
37	0.800	OR	1.80	4.30	---	---	---	---	---	6.10												
38	1.200	OR	1.30	4.80	---	---	---	---	---	6.10												
39	1.500	OR	1.00	5.00	---	---	---	---	---	6.00												
40	1.800	OR	0.80	2.30	---	---	---	---	---	3.10												
41	2.200	OR	1.10	4.70	---	---	---	---	---	5.80												
42	2.500	OR	0.90	3.30	---	---	---	---	---	4.20												
43	2.800	OR	1.30	3.80	---	---	---	---	---	5.10												
44	3.200	OR	1.10	4.50	---	---	---	---	---	5.60												
45	3.500	OR	1.10	4.20	---	---	---	---	---	5.30												
46	3.800	OR	0.80	5.50	---	---	---	---	---	6.30												
47	4.200	OR	1.10	3.50	---	---	---	---	---	4.60												
48	4.500	OR	0.70	4.50	---	---	---	---	---	5.20												
49	4.800	OR	1.10	3.90	---	---	---	---	---	5.00												
50	5.200	OR	1.20	4.00	---	---	---	---	---	5.20												

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Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves								% Bitumer		
			FC4	S				---	---		3/4 in.	1/2 in.	3/8 in.	No. 4	No. 8	No. 16	No. 30	No. 50		No. 100	No. 200
51	5.500	OR	0.90	3.50	---	---	---	---	---	4.40											
52	0.300	OL	0.80	2.70	---	---	---	---	---	3.50											
53	0.600	OL	1.00	3.60	---	---	---	---	---	4.60											
54	0.900	OL	0.70	3.50	---	---	---	---	---	4.20											
55	1.300	OL	0.70	4.80	---	---	---	---	---	5.50											
56	1.600	OL	0.80	5.00	---	---	---	---	---	5.80											
57	1.900	OL	0.60	2.70	---	---	---	---	---	3.30											
58	2.240	OL	0.80	4.00	---	---	---	---	---	4.80											
59	2.600	OL	0.90	3.30	---	---	---	---	---	4.20											
60	2.900	OL	1.00	4.30	---	---	---	---	---	5.30											
61	3.300	OL	0.80	2.70	---	---	---	---	---	3.50											
62	3.600	OL	1.10	4.80	---	---	---	---	---	5.90											
63	3.900	OL	1.10	4.60	---	---	---	---	---	5.70											
64	4.300	OL	1.00	4.40	---	---	---	---	---	5.40											
65	4.600	OL	1.20	3.80	---	---	---	---	---	5.00											
66	4.900	OL	0.90	4.30	---	---	---	---	---	5.20											
67	5.300	OL	1.30	4.00	---	---	---	---	---	5.30											
68	5.600	OL	1.50	3.30	---	---	---	---	---	4.80											

Remarks : _____
