

State Materials Office  
5007 Northeast 39<sup>th</sup> 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.: **207849-9-52-01**  
FAP No.: **N/A**  
State Road: **SR 25 / US 441**  
County: **Alachua**  
From M.P. **13.440** to M.P. **17.471**

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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

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Milling Depth : 3.00 in.

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F. P. N. : 207849-9-52-01	S.R. No.: SR 25 / US 441	<b>Notes</b>
F. A. P. No. : N/A	From : SR 24	
County : Alachua	To : SR 20	
No. of Lanes : 4	Beg M.P. : 13.440      End M.P. : 17.471	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumer	
			FC4	T1	BIND	SAHM	T1	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	13.700	CO	1.00	2.30	2.40	2.00	0.70	1.30	---	9.70												
2	14.000	CO	1.70	1.20	3.00	2.00	0.90	1.50	---	10.30												
3	14.300	CO	1.20	1.80	1.10	---	---	---	---	4.10	99.37	96.59	90.75	73.32	55.84	48.23	40.27	27.78	10.87	6.43	6.81	
4	14.750	CO	1.10	2.20	1.50	---	---	---	---	4.80												
5	15.000	CO	0.60	1.40	1.30	---	---	---	---	3.30												
6	15.300	CO	2.00	0.90	1.20	---	---	---	---	4.10	100.00	98.64	95.71	65.57	40.02	32.84	28.37	20.57	9.40	4.99	8.13	
7	15.700	CO	0.50	2.10	1.40	---	---	---	---	4.00												
8	13.700	R1	1.00	2.80	0.90	1.70	0.70	1.30	---	8.40												
9	14.000	R1	1.40	1.10	1.80	2.90	0.20	1.50	---	8.90	100.00	98.99	95.41	83.67	64.69	55.06	44.78	26.96	13.88	4.95	7.48	
10	14.300	R1	1.30	1.50	1.40	---	---	---	---	4.20												
11	14.750	R1	1.40	1.80	1.60	---	---	---	---	4.80												
12	15.000	R1	0.90	1.40	1.20	---	---	---	---	3.50	96.36	85.19	78.77	65.23	52.72	47.05	38.90	22.68	8.79	4.40	5.96	
13	15.300	R1	1.50	1.00	1.30	---	---	---	---	3.80												
14	15.700	R1	0.70	2.00	1.50	---	---	---	---	4.20												
15	16.050	R1	1.30	0.60	1.70	---	---	---	---	3.60	96.90	88.26	82.24	66.55	56.73	50.00	40.44	22.21	8.43	4.17	6.74	
16	16.340	R1	1.10	1.40	1.40	---	---	---	---	3.90												
17	16.700	R1	0.90	2.90	0.90	---	---	---	---	4.70												
18	17.000	R1	1.00	2.20	1.10	---	---	---	---	4.30	100.00	97.73	93.57	77.09	65.39	58.66	48.34	27.32	10.49	4.94	7.22	
19	17.300	R1	0.60	1.50	1.40	---	---	---	---	3.50												
20	13.700	R2	1.40	2.30	1.80	---	---	---	---	5.50												
21	14.000	R2	0.70	1.50	2.00	---	---	---	---	4.20	100.00	97.99	95.30	79.93	61.90	40.79	18.86	9.58	6.02	5.27	7.44	
22	14.300	R2	0.80	1.80	1.50	---	---	---	---	4.10												
23	14.750	R2	0.90	1.60	1.50	---	---	---	---	4.00												
24	15.000	R2	0.80	1.50	1.60	---	---	---	---	3.90	98.06	86.36	79.39	65.18	53.87	47.82	40.29	22.00	9.19	4.68	6.30	
25	15.300	R2	1.50	0.70	1.00	---	---	---	---	3.20												

Remarks : \_\_\_\_\_  
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**Pavement Composition Data Sheet**

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<b>F. P. N. :</b> 207849-9-52-01	<b>S.R. No.:</b> SR 25 / US 441	<b>Notes</b>
<b>F. A. P. No. :</b> N/A	<b>From :</b> SR 24	
<b>County :</b> Alachua	<b>To :</b> SR 20	
<b>No. of Lanes :</b>	<b>Beg M.P. :</b> 13.440 <b>End M.P. :</b> 17.471	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumer	
			FC4	T1	BIND	SAHM	T1	BIND	---		3/4 in.	1/2 in.	3/8 in.	No. 4	No. 8	No. 16	No. 30	No. 50	No. 100	No. 200		
26	15.700	R2	0.60	1.60	1.90	---	---	---	---	4.10												
27	16.050	R2	0.90	1.30	1.20	---	---	---	---	3.40	97.46	90.33	83.91	67.56	57.38	50.55	41.70	24.66	9.90	5.22	6.79	
28	16.340	R2	0.80	1.20	1.20	---	---	---	---	3.20												
29	16.700	R2	0.80	3.00	1.30	---	---	---	---	5.10												
30	17.000	R2	0.70	1.40	1.40	---	---	---	---	3.50	96.09	87.02	81.10	67.45	57.85	51.28	42.47	26.20	12.19	7.41	6.48	
31	17.300	R2	0.70	1.40	1.10	---	---	---	---	3.20												
32	13.700	L1	1.30	1.80	3.30	---	---	---	---	6.40												
33	14.000	L1	1.10	1.30	2.70	---	---	---	---	5.10	100.00	98.85	97.07	84.90	68.05	55.82	44.30	26.80	11.68	6.58	7.42	
34	14.300	L1	0.80	1.60	1.20	---	---	---	---	3.60												
35	14.750	L1	1.20	1.60	1.10	---	---	---	---	3.90												
36	15.000	L1	0.90	1.50	1.20	---	---	---	---	3.60	97.98	84.09	76.82	64.32	52.71	45.72	37.66	21.70	8.18	4.06	6.13	
37	15.300	L1	1.10	0.80	1.20	---	---	---	---	3.10												
38	15.700	L1	0.90	1.60	1.50	---	---	---	---	4.00												
39	16.050	L1	0.80	1.60	1.60	---	---	---	---	4.00	98.79	89.67	83.03	66.88	57.93	52.30	44.74	28.17	13.41	8.32	6.59	
40	16.340	L1	0.90	1.60	1.50	---	---	---	---	4.00												
41	16.700	L1	0.70	3.00	1.50	---	---	---	---	5.20												
42	17.000	L1	1.00	1.00	1.50	---	---	---	---	3.50	98.18	89.91	83.43	66.81	56.19	49.37	40.94	24.88	10.34	5.64	6.45	
43	17.300	L1	0.80	1.40	2.00	---	---	---	---	4.20												
44	13.700	L2	1.00	2.40	1.30	---	---	---	---	4.70												
45	14.000	L2	0.70	2.30	1.60	---	---	---	---	4.60	100.00	100.00	98.95	85.48	68.90	59.92	49.17	29.13	11.67	8.26	7.79	
46	14.300	L2	1.10	1.40	1.50	---	---	---	---	4.00												
47	14.750	L2	1.30	1.60	1.10	---	---	---	---	4.00												
48	15.000	L2	0.90	1.70	1.10	---	---	---	---	3.70	100.00	97.67	92.93	78.37	64.07	57.91	47.49	26.36	9.50	4.65	6.72	
49	15.300	L2	1.50	---	1.60	---	---	---	---	3.10												
50	15.700	L2	0.80	1.80	1.40	---	---	---	---	4.00												

Remarks : \_\_\_\_\_  
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No. of Lanes :	Beg M.P. : 13.440      End M.P. : 17.471	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves								% Bitumer		
			FC4	T1	BIND	SAHM	T1	BIND	---		3/4 in.	1/2 in.	3/8 in.	No. 4	No. 8	No. 16	No. 30	No. 50		No. 100	No. 200
51	16.050	L2	0.80	1.20	1.40	---	---	---	---	3.40	96.97	89.29	84.25	66.68	57.26	50.72	41.79	25.30	11.33	6.31	6.51
52	16.340	L2	0.80	1.40	1.40	---	---	---	---	3.60											
53	16.700	L2	0.80	2.80	1.70	---	---	---	---	5.30											
54	17.000	L2	0.80	1.50	1.10	---	---	---	---	3.40	98.00	87.09	81.15	63.93	53.61	47.68	40.18	24.87	11.18	6.51	6.55
55	17.300	L2	1.00	1.00	1.50	---	---	---	---	3.50											

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