

State Materials Office
2006 Northeast Waldo Road, Gainesville, FL. 32609
Phone (352)337-3100, Fax (352)334-1649

Memorandum

DATE: August 16, 2001

TO: [Second District Materials Engineer](#)

FROM: David E. Webb, Jr., Bituminous Laboratory Engineer

SUBJECT: Proposed Recycle F.P.N. - [210806-1-52-01](#)
FAP No. - [N/A](#)
S.R. - [249](#)
County - [Suwannee](#)
From M.P. [12.847](#) to M.P. [23.346](#)

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.

DEW/rg

cc: [Second District Design Engineer](#)
[Second District Specifications Engineer](#)
[Second District Bituminous Engineer](#)
[Second District Project Manager, JP/AM](#)

Attachment(s)

State of Florida Department of Transportation
Pavement Composition Data Sheet

Revised 03/01

Date: August 16, 2001

Milling Depth : 1.00 in.

Page: 2 of 5

F. P. N. : 210806-1-52-01	S.R. No.: 249	Notes
F. A. P. No. : N/A	From : McAlpin	
County : Suwannee	To : Live Oak	
No. of Lanes : 2	Beg M.P. : 12.847 End M.P. : 23.346	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves								% Bitumen			
			FC-4	T-1	T-2	---	---	---	---		3/4 in.	1/2 in.	3/8 in.	No. 4	No. 8	No. 16	No. 30	No. 50		No. 100	No. 200	
1	13.000	R1	---	1.80	1.20	---	---	---	---	3.00												
2	13.300	R1	---	0.70	1.40	---	---	---	---	2.10												
3	13.600	R1	---	1.20	1.10	---	---	---	---	2.30	100.00	100.00	97.20	75.20	59.10	49.40	41.90	30.50	14.10	5.80	6.85	
4	14.000	R1	---	1.10	1.35	---	---	---	---	2.45												
5	14.300	R1	---	1.10	1.55	---	---	---	---	2.65												
6	14.600	R1	---	0.70	2.10	---	---	---	---	2.80	100.00	100.00	95.70	78.80	61.50	47.60	37.00	25.90	14.10	6.20	6.84	
7	15.000	R1	0.80	1.65	---	---	---	---	---	2.45												
8	15.300	R1	0.70	1.80	---	---	---	---	---	2.50												
9	15.600	R1	1.00	1.55	---	---	---	---	---	2.55	100.00	100.00	98.70	87.50	73.90	60.00	40.80	20.40	7.60	2.40	6.79	
10	16.000	R1	1.45	1.45	---	---	---	---	---	2.90												
11	16.300	R1	1.10	1.40	---	---	---	---	---	2.50												
12	16.600	R1	0.75	1.55	---	---	---	---	---	2.30	100.00	100.00	98.50	85.50	70.60	57.10	40.10	21.90	9.10	3.30	6.21	
13	17.000	R1	0.90	1.60	---	---	---	---	---	2.50												
14	17.300	R1	0.60	1.80	---	---	---	---	---	2.40												
15	17.600	R1	1.20	1.40	---	---	---	---	---	2.60	100.00	100.00	99.60	92.80	80.80	65.70	46.00	25.70	9.70	3.30	7.12	
16	18.000	R1	1.65	1.40	---	---	---	---	---	3.05												
17	18.300	R1	0.85	1.70	---	---	---	---	---	2.55												
18	18.600	R1	0.80	1.75	---	---	---	---	---	2.55												
19	19.000	R1	1.45	1.50	---	---	---	---	---	2.95												
20	19.300	R1	0.75	1.40	---	---	---	---	---	2.15												
21	19.600	R1	1.00	1.25	---	---	---	---	---	2.25												
22	20.000	R1	0.90	1.20	---	---	---	---	---	2.10												
23	20.300	R1	0.55	1.30	---	---	---	---	---	1.85												
24	20.600	R1	0.75	1.40	---	---	---	---	---	2.15	100.00	100.00	100.00	89.00	74.00	58.00	38.90	20.60	9.40	3.40	6.88	
25	21.000	R1	0.70	1.40	---	---	---	---	---	2.10												

Remarks : _____

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Page: 3 of 5

F. P. N. : 210806-1-52-01	S.R. No.: 249	Notes
F. A. P. No. : N/A	From : McAlpin	
County : Suwannee	To : Live Oak	
No. of Lanes : 2	Beg M.P. : 12.847 End M.P. : 23.346	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves								% Bitumen		
			FC-4	T-1	T-2	---	---	---	---		3/4 in.	1/2 in.	3/8 in.	No. 4	No. 8	No. 16	No. 30	No. 50		No. 100	No. 200
26	21.300	R1	0.70	1.15	---	---	---	---	1.85												
27	21.600	R1	0.90	1.40	---	---	---	---	2.30	100.00	100.00	99.90	82.10	66.80	57.70	45.30	26.00	10.40	3.40	5.77	
28	22.000	R1	0.70	1.60	---	---	---	---	2.30												
29	22.300	R1	0.70	1.50	---	---	---	---	2.20												
30	22.600	R1	0.75	1.65	---	---	---	---	2.40	100.00	100.00	98.00	82.00	66.60	54.70	39.90	24.20	10.90	3.40	6.94	
31	23.000	L1	0.85	1.35	---	---	---	---	2.20												
32	23.300	L1	0.50	1.40	---	---	---	---	1.90												
33	13.100	L1	---	0.70	2.10	---	---	---	2.80	100.00	100.00	99.10	82.30	68.70	58.70	50.80	37.30	15.30	5.10	6.88	
34	13.400	L1	---	0.80	1.00	---	---	---	1.80												
35	13.700	L1	---	0.60	1.50	---	---	---	2.10												
36	14.100	L1	---	1.00	1.10	---	---	---	2.10	100.00	99.20	95.90	77.00	56.90	44.60	36.60	27.20	14.20	6.40	6.79	
37	14.400	L1	---	1.00	1.05	---	---	---	2.05												
38	14.700	L1	0.70	1.70	---	---	---	---	2.40												
39	15.100	L1	0.60	1.65	---	---	---	---	2.25	100.00	100.00	97.60	77.90	61.40	50.80	37.90	23.60	9.80	2.20	6.83	
40	15.400	L1	0.45	1.50	---	---	---	---	1.95												
41	15.700	L1	0.55	1.55	---	---	---	---	2.10												
42	16.100	L1	0.70	2.00	---	---	---	---	2.70	100.00	100.00	99.20	86.20	70.60	55.90	37.80	21.00	9.50	3.20	7.02	
43	16.400	L1	1.00	1.80	---	---	---	---	2.80												
44	16.700	L1	0.95	1.80	---	---	---	---	2.75												
45	17.100	L1	1.00	1.65	---	---	---	---	2.65	100.00	100.00	99.30	91.70	80.30	64.90	43.20	22.40	9.10	3.50	7.10	
46	17.400	L1	1.00	1.35	---	---	---	---	2.35												
47	17.700	L1	0.80	1.75	---	---	---	---	2.55												
48	18.100	L1	0.75	1.65	---	---	---	---	2.40	100.00	100.00	98.10	85.90	72.60	59.30	42.90	24.10	10.40	3.80	6.77	
49	18.400	L1	1.00	1.80	---	---	---	---	2.80												
50	18.700	L1	0.80	1.60	---	---	---	---	2.40												

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			FC-4	T-1	T-2	---	---	---	---		3/4 in.	1/2 in.	3/8 in.	No. 4	No. 8	No. 16	No. 30	No. 50		No. 100
51	19.100	L1	1.00	1.60	---	---	---	---	2.60	100.00	100.00	99.50	91.00	78.70	65.20	47.00	25.50	8.60	2.90	6.57
52	19.400	L1	1.00	1.30	---	---	---	---	2.30											
53	19.700	L1	1.05	1.60	---	---	---	---	2.65											
54	20.100	L1	0.85	1.55	---	---	---	---	2.40											
55	20.400	L1	1.00	1.65	---	---	---	---	2.65											
56	20.700	L1	0.90	1.50	---	---	---	---	2.40											
57	21.100	L1	1.00	1.30	---	---	---	---	2.30	100.00	100.00	100.00	95.90	86.30	71.70	52.00	27.90	9.30	3.40	7.05
58	21.400	L1	0.65	1.25	---	---	---	---	1.90											
59	21.700	L1	0.60	1.30	---	---	---	---	1.90											
60	22.100	L1	0.70	1.50	---	---	---	---	2.20	100.00	100.00	99.70	79.90	63.20	54.50	43.20	25.60	10.70	3.70	5.48
61	22.400	L1	0.80	1.30	---	---	---	---	2.10											
62	22.700	L1	0.50	1.50	---	---	---	---	2.00											
63	23.100	L1	1.00	1.10	---	---	---	---	2.10	100.00	100.00	100.00	91.70	79.40	66.70	48.60	23.40	9.10	3.70	6.51
64	23.400	L1	1.00	1.20	---	---	---	---	2.20											

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