

Memorandum

DATE: August 17, 2006

TO: **Second District Materials Engineer**

FROM: Richard G. Roberts, Assistant Bituminous Laboratory Coordinator

SUBJECT: Proposed Recycle F.P.N.: **210530-2-52-01**
FAP No.: **N/A**
State Road: **145**
County: **Madison**
From M.P. **6.702** to M.P. **13.000**

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 : 3.00 in.

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F. P. N. : 210530-2-52-01	S.R. No.: 145	Notes
F. A. P. No. : N/A	From : Livingston Street	
County : Madison	To : MP 13.0	
No. of Lanes : 2	Beg M.P. : 6.702 End M.P. : 13.000	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumer	
			FC4	S	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	6.800	R1	1.00	1.80	---	0.90	---	---	---	3.70												
2	7.100	R1	0.70	2.10	1.20	0.70	---	---	---	4.70												
3	7.400	R1	1.00	1.90	0.90	1.00	---	---	---	4.80	100.00	96.62	91.45	75.16	60.47	51.75	41.01	26.00	12.32	7.17	6.67	
4	7.800	R1	0.90	2.50	0.60	0.60	---	---	---	4.60												
5	8.100	R1	0.80	2.30	1.00	1.00	---	---	---	5.10												
6	8.400	R1	0.80	2.40	2.00	1.00	---	---	---	6.20	100.00	98.98	94.52	77.32	60.76	51.71	40.87	25.57	12.11	6.86	6.30	
7	8.800	R1	1.10	2.10	1.20	0.90	---	---	---	5.30												
8	9.100	R1	0.90	1.50	2.70	1.30	---	---	---	6.40												
9	9.400	R1	1.20	2.30	0.60	1.20	---	---	---	5.30	100.00	98.79	95.53	80.76	65.64	56.00	43.88	27.55	13.19	7.35	6.43	
10	9.800	R1	0.90	3.00	1.50	1.00	---	---	---	6.40												
11	10.100	R1	0.80	3.00	0.70	0.80	---	---	---	5.30												
12	10.400	R1	0.90	2.80	1.40	0.90	---	---	---	6.00	100.00	99.07	94.06	74.91	58.58	49.27	38.84	24.65	11.72	6.73	6.56	
13	10.800	R1	0.80	2.80	1.00	1.00	---	---	---	5.60												
14	11.100	R1	0.80	3.40	2.80	0.80	---	---	---	7.80												
15	11.400	R1	0.80	2.40	0.80	0.80	---	---	---	4.80	100.00	97.92	92.88	74.10	57.91	48.78	38.95	25.36	12.53	7.83	6.70	
16	11.800	R1	0.80	2.50	1.70	1.00	---	---	---	6.00												
17	12.100	R1	0.90	2.80	0.50	---	---	---	---	4.20												
18	12.400	R1	0.80	2.80	0.80	1.00	---	---	---	5.40	100.00	97.95	92.77	73.36	57.58	49.06	39.68	26.34	12.81	7.07	6.14	
19	12.800	R1	1.00	2.40	0.80	0.90	---	---	---	5.10												
20	6.900	L1	0.80	1.50	0.70	1.00	---	---	---	4.00												
21	7.200	L1	1.00	2.60	1.60	1.00	---	---	---	6.20	100.00	98.48	94.40	77.04	61.80	52.83	42.17	26.61	12.09	6.54	6.44	
22	7.500	L1	0.80	3.00	0.80	1.20	---	---	---	5.80												
23	7.900	L1	1.00	2.00	0.50	1.00	---	---	---	4.50												
24	8.200	L1	1.00	3.00	1.20	0.90	---	---	---	6.10	100.00	97.88	93.23	72.32	58.04	50.45	40.44	25.49	11.79	6.51	6.25	
25	8.500	L1	1.00	2.50	---	0.80	---	---	---	4.30												

Remarks : _____

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County : Madison	To : MP 13.0	
No. of Lanes :	Beg M.P. : 6.702 End M.P. : 13.000	

Core No.	M.P.	Lane	Pavement Layers (in.)							Core Length (in.)	Percent Passing Sieves										% Bitumer		
			FC4	S	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			
26	8.900	L1	0.80	3.80	1.50	1.20	---	---	---	7.30													
27	9.200	L1	0.90	3.50	---	0.80	---	---	---	5.20	100.00	97.98	94.09	77.51	62.07	53.07	42.07	26.23	12.17	6.73	6.50		
28	9.500	L1	0.70	3.30	0.80	1.00	---	---	---	5.80													
29	9.900	L1	1.00	3.80	0.50	0.80	---	---	---	6.10													
30	10.200	L1	0.90	2.30	0.80	0.90	---	---	---	4.90	100.00	98.36	93.32	75.13	59.20	50.42	39.82	24.94	11.56	6.14	6.24		
31	10.500	L1	0.90	3.90	0.20	0.90	---	---	---	5.90													
32	10.800	L1	0.60	3.00	0.50	0.60	---	---	---	4.70													
33	11.200	L1	0.90	2.50	0.80	1.20	---	---	---	5.40	99.55	97.33	89.96	71.71	57.14	48.98	38.42	23.62	10.83	6.04	6.40		
34	11.500	L1	0.80	2.60	1.50	1.00	---	---	---	5.90													
35	11.800	L1	1.00	2.10	1.10	1.10	---	---	---	5.30													
36	12.200	L1	0.70	2.30	1.00	0.90	---	---	---	4.90	100.00	96.59	90.14	66.56	51.57	43.79	34.66	21.93	10.57	6.19	5.96		
37	12.500	L1	0.90	2.80	0.70	1.00	---	---	---	5.40													
38	12.800	L1	0.70	3.00	0.60	0.90	---	---	---	5.20													

Remarks : _____
