

**STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PAVEMENT EVALUATION CORING AND CONDITION DATA**

Cored By: Luis Rodriguez & Phillip Williams

Date: 09/02/2015 - 09/08/2015

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Name:		WIDEN MAINLINE FROM ATLANTIC BLVD. TO WILES RD.							
Fin. Proj. ID:	406150-1-52-01	PSI W.O. #:	0260113	County:	Broward	State Road:	91.0		
From:	Atlantic Blvd.	To:	Wiles Rd.	Length:	5.1 mi	Beg. MP:	18.1	End MP:	23.2

Core No.	Mile Post	County Mile Post	Lane	W h e e l P a t h	Pavement Layer (in.)								Core Lgth (in.)	Base		Crack				P C v o n d	D e r u p t h (in.)	C S r l o o p s e (%)	Comments
					Top									Thickness (in.)	Type	D e p t h (in.)	T y p e	C l a s s	E x t e n t				
					FC5	SP2C	S	S	S	S	S	BIND											
NORTHBOUND MAINLINE																							
B-2	66.6	19.5	R1	X	0.8	2.1	0.8	2.1	1.0	1.6	0.6	3.8	12.8	12.0	LR						0.1	1.9	
B-3	67.0	19.9	R1	X	0.8	2.3	0.8	1.0	2.8	1.0	1.0	1.5	11.2	12.0	LR						0.1	1.6	
B-6	68.3	21.1	R1	X	1.1	1.6	1.5						4.2	12.0	LR						0.4	1.8	
B-8	69.1	22.0	R1	X	0.8	2.3	1.9					1.9	6.9	12.0	LR						0.3	2.0	(2) Core 7 (MP 69.431) indicates base thickness of 11"
B-9	69.5	22.4	R1	X	0.8	2.3	2.5	1.3	1.8				8.7	12.0	LR						0.4	1.8	
B-1	66.2	19.1	R3	X	0.5	2.0	1.8	2.1					6.4	12.0 ⁽¹⁾	LR						0.4	2.5	Light Mechanical Gouging at Right Wheel Path
B-4	67.5	20.3	R3	X	0.9	1.8	4.3						7.0	12.0 ⁽¹⁾	LR						0.3	2.1	(2) Core 3 (MP 66.361) indicates base thickness of 9". Light Mechanical Gouging at Right Wheel Path
B-5	67.9	20.7	R3	X	0.9	1.8	2.3	2.0					7.0	12.0	LR						0.3	2.6	Light Mechanical Gouging at Right Wheel Path
B-7	68.7	21.6	R3	X	0.8	2.0	3.0						5.8	12.0 ⁽¹⁾	LR						0.3	3.0	Light Mechanical Gouging at Right Wheel Path
B-10	69.9	22.8	R3	X	1.0	1.9	1.0	1.5					5.4	12.0 ⁽¹⁾	LR						0.4	2.2	(2) Core 7 (MP 69.431) indicates base thickness of 11"
SOUTHBOUND MAINLINE																							
B-14	67.7	20.5	L1	X	0.8	2.0	1.0	1.5	0.8	1.4	1.3	1.5	10.3	12.0 ⁽¹⁾	LR						0.3	2.3	
B-15	68.1	20.9	L1	X	0.9	2.0							2.9	12.0 ⁽¹⁾	LR						0.4	2.3	
B-17	68.9	21.8	L1	X	1.0	2.4	2.0	1.3				2.0	8.7	12.0	LR						0.4	2.1	
B-18	69.3	22.2	L1	X	0.6	2.0	1.1	1.0				1.6	6.3	12.0	LR						0.3	1.0	(2) Core 54 (MP 69.958) indicates base thickness of 10"
B-20	70.1	23.0	L1	X	0.8	0.8	1.6	2.0	1.6	1.5	1.3	1.8	11.4	12.0	LR						0.4	1.6	
B-11	66.4	19.6	L3	X	0.8	2.0	1.0	2.0					5.8	12.0 ⁽¹⁾	LR						0.1	2.6	Mechanical Gouging at Left and Right Wheel Path
B-12	66.8	19.7	L3	X	0.9	2.1	1.1	2.0					6.1	12.0 ⁽¹⁾	LR						0.3	2.5	Mechanical Gouging at Left and Right Wheel Path
B-13	67.2	20.1	L3	X	0.8	2.0	1.8	1.8					6.4	12.0 ⁽¹⁾	LR						0.6	2.4	Mechanical Gouging at Left and Right Wheel Path Mechanical Gouging at Left and Right Wheel Path
B-16	68.5	21.4	L3	X	1.1	5.4							6.5	12.0 ⁽¹⁾	LR						0.4	1.5	(2) Core 18 (MP 68.311) indicates base thickness of 12"
B-19	69.7	22.6	L3	X	0.8	2.8	1.4						5.0	12.0 ⁽¹⁾	LR						0.3	2.8	Mechanical Gouging at Left and Right Wheel Path

Notes:
 (1) Estimated thickness of 12". Refusal to SPT was encountered.
 (2) These are the values for base thickness performed in close proximity to our core locations taken from Coring Evaluation Report performed on 2004 by Williams Earth Sciences.

Note: Coring Data from 406150-1 was used in the Pavement Design for 446024-1

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From:	Atlantic Blvd.	To:	Wiles Rd.		Length:	5.1 mi	Beg. MP:	18.1	End MP:	23.2

Core No.	Mile Post	County Mile Post	Lane	W h e l P a t h	Pavement Layer (in.)								Core Lgth (in.)	Base		Crack				P v o l u m e	D e p t h (in.)	C r a c k C l a s s	R e p t h (in.)	C o o p e r s e	Comments			
					Top	SP2C	S	S	S	S	S	S		Thickness (in.)	Type	D e p t h (in.)	T y p e	C l a s s	E x t e n t									
NORTHBOUND SHOULDERS																												
BS-1	66.3	19.2	IR			1.6	1.4	3.3					6.3	6.0	LR										0.1	1.8		
BS-3	67.1	20.0	IR			2.0	1.9	4.3					8.2	6.0	LR											0.1	3.3	
BS-5	68.0	20.8	IR			2.6							2.6	6.0	LR											0.1	2.4	
BS-7	68.8	21.7	IR			3.3	3.4						6.7	6.0	LR											0.1	1.6	
BS-9	69.6	22.5	IR			1.5	1.5						3.0	6.0	LR											0.1	1.9	⁽²⁾ Core 44 (MP 69.638) indicates base thickness of 9"
BS-2	66.7	19.6	OR			2.3							2.3	12.0 ⁽¹⁾	LR											0.1	4.6	
BS-4	67.5	20.4	OR			1.4	1.4						2.8	12.0 ⁽¹⁾	LR											1.1	1.4	
BS-6	68.4	21.2	OR			2.4							2.4	12.0	LR											0.1	3.8	
BS-8	69.2	22.1	OR			1.4	0.5						1.9	12.0	LR											0.1	3.4	
BS-10	70.0	22.9	OR			1.3	1.4						2.7	12.0	LR											0.1	4.6	
SOUTHBOUND SHOULDERS																												
BS-12	66.9	19.8	IL			1.4	1.1	1.5	2.0	1.5			7.5	12.0	LR											0.1	2.5	
BS-14	67.8	20.6	IL			2.0	1.8	2.0					5.8	12.0	LR											0.1	2.9	
BS-16	68.6	21.5	IL			1.8	2.4	4.0					8.2	12.0 ⁽¹⁾	LR											0.1	1.6	
BS-18	69.4	22.3	IL			1.4	1.6						3.0	6.0	LR											0.1	2.8	
BS-20	70.3	23.1	IL			0.8	1.4						2.2	6.0	LR											0.1	1.3	
BS-11	66.5	19.4	OL			1.5							1.5	12.0	LR											0.1	4.1	
BS-13	67.3	20.2	OL			1.6							1.6	12.0	LR											0.1	3.4	
BS-15	68.2	21.0	OL			2.1							2.1	12.0	LR											0.1	3.6	
BS-19	68.8	21.7	OL			2.4							2.4	12.0	LR											0.1	4.4	
BS-17	69.0	21.9	OL			1.8							1.8	12.0	LR											0.1	4.9	⁽²⁾ Core 16 (MP 69.624) indicates base thickness of 9"

Notes:
 (1) Estimated thickness of 12". Refusal to SPT was encountered.
 (2) These are the values for base thickness performed in close proximity to our core locations taken from Coring Evaluation Report performed on 2004 by Williams Earth Sciences.

Note: Coring Data from 406150-1 was used in the Pavement Design for 446024-1

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Fin. Proj. ID:	406150-1-52-01	PSI W.O. #:	0260113	County:	Broward	State Road:	91.0				
From:	Atlantic Blvd.	To:	Wiles Rd.	Length:	5.1 mi	Beg. MP:	18.1	End MP:	23.2		

Core No.	Mile Post or Sta. No.	County Mile Post	Lane	W P a t h	Pavement Layer (in.)						Core Lgth (in.)	Base		Crack				P C o n d	R e p t h (in.)	C S r l o o p s e (%)	Comments
					Top							Thickness (in)	Type	D e p t h (in.)	T y p e	C l a s s	E x t e n t				
					FC5	SP2C	S	S	S	BIND											
Exit 65 (Pompano Beach Service Plaza)																					
RB-1	65.9 Ramp 24	18.7	R1	X	1.4	1.9					3.3	12.0	LR					0.1	2.3		
RB-2	65.9 Ramp 24	18.7	OR			1.6					1.6	12.0	LR					0.1	2.5		
RB-3	65.9 Ramp 24	18.7	R1	X	0.5	2.0	2.0	1.5	1.8	2.0	9.8	12.0	LR					0.1	1.8		
RB-4	66.0 Ramp 23	18.8	L1	X	0.8	2.5	2.4	1.1		2.0	8.8	12.0	LR					0.3	1.6		
RB-5	66.0 Ramp 23	18.8	IL			1.0	2.5	1.5			5.0	6.0	LR					0.1	1.5		
RB-6	66.0 Ramp 23	18.8	L1	X	3.3						3.3	12.0	LR					0.1	2.4		
Exit 66 (Atlantic Blvd)																					
RB-7	65.8 Ramp 40	18.6	R1	X	0.8	2.1					2.9	12.0	LR					0.3	1.5		
RB-8	65.8 Ramp 40	18.6	OR			1.5					1.5	6.0	LR					0.1	2.0		
RB-9	65.8 Ramp 40	18.6	R1	X	3.3	1.3					4.6	12.0 ⁽¹⁾	LR					0.3	2.3		
RB-10	65.9 Ramp 41	18.4	L1	X	0.5	1.8	1.5				3.8	12.0 ⁽¹⁾	LR					0.3	2.5	Mechanical Gouging	
RB-11	65.9 Ramp 41	18.4	OL			1.0	0.8				1.8	12.0 ⁽¹⁾	LR					0.1	1.5		
RB-12	65.9 Ramp 41	18.4	L1	X	1.5	1.9					3.4	12.0 ⁽¹⁾	LR					0.1	2.9		
Exit 67 (Martin Luther King Blvd/Coconut Creek Pkwy)																					
RB-13	67.6 Ramp 26	20.4	R1	X	1.3	5.3					6.6	12.0	LR					0.1	5.0	Moderate Raveling	
RB-14	67.6 Ramp 26	20.4	OR			2.1					2.1	12.0	LR					0.1	3.5		
RB-15	67.6 Ramp 26	20.4	R1	X	1.4	7.4					8.8	12.0	LR					0.1	3.6	Moderate Raveling	
RB-16	67.8 Ramp 28	20.5	L1	X	0.8	4.1	2.0	5.0			11.9	12.0	LR					0.3	5.9		
RB-17	67.8 Ramp 28	20.5	OL			1.0	1.5	1.9			4.4	12.0 ⁽¹⁾	LR					0.1	4.3		
RB-18	67.8 Ramp 28	20.5	L1	X	1.0	2.1	1.3				4.4	12.0 ⁽¹⁾	LR					0.3	6.3		
RB-19	67.7 Ramp 30	20.5	R1	X	0.5	2.6					3.1	12.0 ⁽¹⁾	LR					0.3	3.6	Severe Raveling	
RB-20	67.7 Ramp 30	20.5	OR			1.1	1.8				2.9	12.0 ⁽¹⁾	LR					0.1	1.3	Longitudinal Cracking	
RB-21	67.7 Ramp 30	20.5	R1	X	0.6	1.1	1.9				3.6	12.0 ⁽¹⁾	LR					0.3	4.6	Severe Raveling	
RB-22	67.9 Ramp 27	20.6	L1	X	2.0	2.3					4.3	12.0	LR	0.6	A	II	S	Poor	0.3	3.3	Severe Gouging and Alligator Cracking
RB-23	67.9 Ramp 27	20.6	OL			1.4					1.4	12.0 ⁽¹⁾	LR					0.1	3.3		
RB-24	67.9 Ramp 27	20.6	L1	X	0.5	2.8					3.3	12.0 ⁽¹⁾	LR					0.1	2.3		

Notes:
(1) Estimated thickness of 12". Refusal to SPT was encountered.

Note: Coring Data from 406150-1 was used in the Pavement Design for 446024-1

