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

Cored by: Tierra, Inc.									_	Date:			09/2	22/20		_	Page	9		1		of	1		Туріс	al Seo	ction No.:				
W.P.I. No.:										Name: Central Polk Parkway (SR 570A) at SR 60 MP 16.7 to 17.4												17.4	Lanes: R1, R2, RLTL, RRTL, L1, L2, LLTL, LRTL								
Fin. Proj. ID: 440897-3-52-01										From:														Shoulder Type and Condition:							
F.A. Proj. No.:										To:														Inside:							
County: Polk SR No.: 60									Beg	g MP:	1	6.700		End N	17.400 Length 0.700					00	Outside:										
Median Curbed (Y / N): Paved, Lawn, Other										r: C													Curb	Curb & Gutter (Y / N):							
Core No.	Mile Post or Sta. No.		W h e				Pave	ment La	ayer Ty	ype (in.)				Base			Stabilized Subgrade		Crack				P v	D Re up	CS rI oo	C rD oi		L a	L		
		Lane	e I P a t h	Top FC5	SP2F	ARMI	SP2F	S1	ARMI	MI S1 S2 S3 Core Lgth (in.)						T o t a I	Yes / No	T h i c k n e s s	D e p t h (in.)	F u p l t h	T y e	C I a s s	E x t e n t	t C o n d	t t h (in.)	s p s e) (%)	se c St li oo pn	Comments	t i u d e	g i t u d e	
C-1	16.81	L1	YES	0.9	2.6			1.9	0.2	0.8	1.9		8.3	7.6		7.6			NA ⁽¹⁾					F					27.90810	-81.79880	
C-11	17.20	L1	YES	0.8	2.5			1.4	0.3	0.5	2.0		7.5	8.8		8.8			NA ⁽¹⁾					F					27.90929	-81.79268	
C-4	16.90	L2	YES	0.8	3.5			1.0	0.4	0.8	2.1		8.6	8.3		8.3			NA ⁽¹⁾					F				Pavement layer delamination observed within core sample at an approximate depth of 3-inches below asphalt surface.	27.90863	-81.79743	
C-14	17.24	L2	YES	0.8	1.5			1.2			0.9		4.3	9.0		9.0			4.3	YES	с	111	м	F				Mechanical gouging observed within the pavement surface. Core sample is cracked full depth and broken apart. 4.3 inches of total pavement measured within the core hole.	27.90934	-81.79193	
C-8	17.11	LLTL	YES	0.8	1.1			3.5					5.4	10.5		10.5			NA ⁽¹⁾					F				Horizontal cracking developed during the coring process.	27.90923	-81.79404	
C-9	17.13	LRTL	YES	0.8	4.1								4.9	11.0		11.0			NA ⁽¹⁾					F					27.90936	-81.79374	
C-3	16.89	R1	YES	1.0	2.4			3.6				2.5	9.5	8.3		8.3			NA ⁽¹⁾					F					27.90839	-81.79756	
C-12	17.25	R1	YES	0.8	1.4			2.1					4.3	6.0		6.0			2.2	NO	Т	II	М	F				Horizontal cracking developed during the coring process.	27.90922	-81.79173	

⁽¹⁾ No cracking was observed in the vicinity of the pavement core location.

⁽²⁾ No measureable rutting was observed in the vicinity of the pavement core location.

C - Combination cracking; T - Tranverse cracking; LG - Longitudinal cracking; B - Block cracking; A - Alligator cracking

L - Light; M - Moderate; S - Severe

F - Fair; G - Good; P - Poor

IN - Cross slope direction is to the Left; OUT - Cross slope direction is to the Right

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

| 7-3-52
Dlk
W | Tie
2-01 | erra, | Inc. | No.: | | | Name
From: | Date:

 | | Centra

 | 09/2 | 2/20

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 | Name: Central Polk Parkway (SR 570A) at SR 60 MP 16.7 to 17.4 |

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 | | Lanes: R1, R2, RLTL, RRTL, L1, L2, LLTL, LRTL |
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 | Shoulder Type and Condition: | |
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 | End MP: | |

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 | 17.400 Length 0.700
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| w | | Median Curbed (Y / N): Paved, Lawn, Other: | | | | | |

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 | | r: Cr

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 | | Curb & Gutter (Y / N): | | | | | | |
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 | Base |

 | | Stabilized
Subgrade |

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SP2F
FC5 | SP2F | ARMI | SP2F | S1 | ARMI | S1 S2 S3 Core
Lgth LR
(in.) |

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| ′ES | 0.6 | 2.1 | 0.5 | 3.5 | | 0.5 | 2.0 |

 | | 9.2

 | 12.0 |

 | 12.0 | |

 | NA ⁽¹⁾
 |
 | | | | | | | | |
 | F | |
 | | Mechanical gouging observed within
the pavement surface. Core
disentegrated during extraction. 12.0
inches of total pavement measured
within the core hole. | 27.90811 | -81.79823 | | | | |
| /ES | 0.6 | 2.0 | 0.9 | | | | |

 | | 3.5

 | 6.1 |

 | 6.1 | |

 | 2.6
 | NO
 | LG | 11 | М
 | F | |
 | | Crack extends from top of pavement to ARMI layer. | 27.90916 | -81.79165 | | | | |
| /ES | 0.9 | 4.5 | | | 5.3 | | | 1.9

 | | 12.6

 | 10.0 |

 | 10.0 | |

 | NA ⁽¹⁾
 |
 | | | | | | | | |
 | F | |
 | | | 27.90904 | -81.79526 | | | | |
| NO | 0.9 | 4.1 | | | | | |

 | | 5.0

 | 10.0 |

 | 10.0 | |

 | 0.3
 | NO
 | LG | Ι | L
 | F | | | | | | | |
 | | | 27.90895 | -81.79507 | | | | |
| NO | 1.0 | 4.5 | | | 3.5 | | |

 | | 9.0

 | NA |

 | 0.0 | |

 | NA ⁽¹⁾
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 | | | | | | | | |
 | F | |
 | | Base material was NOT encountered
within the core boring. Horizontal
cracking developed during the coring
process. | 27.90902 | -81.79607 | | | | |
| NO | 0.6 | 1.5 | | | 2.0 | | |

 | | 4.1

 | 5.0 |

 | 5.0 | |

 | NA ⁽¹⁾
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 | | | | | | | | |
 | F | |
 | | Core disentegrated during extraction.
9.5 inches of total pavement measured within the core hole. | 27.90916 | -81.79309 | | | | |
| | | S 0.6 S 0.6 S 0.9 O 0.9 O 1.0 O 0.6 | 5 0.6 2.1 5 0.6 2.0 5 0.9 4.5 0 0.9 4.1 0 1.0 4.5 0 0.6 1.5 | S 0.6 2.1 0.5 S 0.6 2.0 0.9 S 0.9 4.5 0 O 0.9 4.1 0 O 1.0 4.5 0 O 0.6 1.5 0 | S 0.6 2.1 0.5 3.5 S 0.6 2.0 0.9 3.5 S 0.9 4.5 - - O 0.9 4.1 - - O 1.0 4.5 - - O 0.6 1.5 - - | S 0.6 2.1 0.5 3.5 S 0.6 2.0 0.9 4.5 S 0.9 4.5 4.5 5.3 O 0.9 4.1 4.5 5.3 O 1.0 4.5 4.5 4.5 O 0.6 1.5 1.5 2.0 | S 0.6 2.1 0.5 3.5 0.5 0.5 S 0.6 2.0 0.9 1 1 1 1 S 0.9 4.5 1 1 5.3 1 1 O 0.9 4.1 1 | S 0.6 2.1 0.5 3.5 0.5 2.0 S 0.6 2.0 0.9 1.0 </td <td>S 0.6 2.1 0.5 3.5 0.5 2.0 S 0.6 2.0 0.9 1 1 1 S 0.9 4.5 1 5.3 1 1 O 0.9 4.1 1 1 1 1 O 1.0 4.5 1 1 1 1 O 0.6 1.5 1 3.5 1 1 O 0.6 1.5 1 2.0 1 1</td> <td>S 0.6 2.1 0.5 3.5 0.5 2.0 1 S 0.6 2.0 0.9 3.5 0.5 2.0 1 S 0.6 2.0 0.9 1 1 1 1 1 S 0.9 4.1 1<!--</td--><td>S$0.6$$2.1$$0.5$$3.5$$1.0$$0.5$$2.0$$1.0$$9.2S0.6$$2.0$$0.9$$3.5$$1.0$$1.0$$1.0$$3.5S0.9$$4.5$$1.0$$1.0$$1.0$$1.0$$12.6$$0$$0.9$$4.1$$1.0$$1.0$$1.0$$1.0$$1.0$$0$$1.0$$4.5$$1.0$$1.0$$3.5$$1.0$$1.0$$1.0$$9.0$$0$$0.6$$1.5$$1.5$$2.0$$1.0$$1.0$$1.5$$1.5$$2.0$$1.0$$1.0$$1.5$</td><td>S 0.6 2.1 0.5 3.5 0.5 2.0 1 9.2 12.0 S 0.6 2.0 0.9 1.0<td>S 0.6 2.1 0.5 3.5 0.5 2.0 1 9.2 12.0 S 0.6 2.0 0.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 S 0.6 2.0 0.9 1.0 1.0 1.0 1.0 1.0 S 0.9 4.1 1.0 1.0 1.9 12.6 10.0 O 0.9 4.1 1.0 1.0 1.9 12.6 10.0 O 0.9 4.1 1.0 1.0 1.9 12.6 10.0 O 0.9 4.1 1.0 1.0 1.0 1.0 1.0 O 1.0 4.5 1.0 1.0 1.0 1.0 1.0 O 0.6 1.5 1.0 2.0 1.0 1.0 1.1 5.0</td><td>S 0.6 2.1 0.5 3.5 0.5 2.0 9.2 12.0 12.0 S 0.6 2.0 0.9 1.0 1.0 1.0 1.1</td><td>S 0.6 2.1 0.5 3.5 0.5 2.0 1 9.2 12.0 10.0<td>S 0.6 2.1 0.5 3.5 0.5 2.0 1.0 9.2 12.0 12.0 12.0 12.0 S 0.6 2.0 0.9 0.5 2.0 0.5 3.5 6.1 6.1 12.0 <td< td=""><td>S 0.6 2.1 0.5 3.5 0.5 2.0
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C - Combination cracking; T - Tranverse cracking; LG - Longitudinal cracking; B - Block cracking; A - Alligator cracking

L - Light; M - Moderate; S - Severe

F - Fair; G - Good; P - Poor

IN - Cross slope direction is to the Left; OUT - Cross slope direction is to the Right