	State of Florida Department of Transportation PAVEMENT EVALUATION AND CONDITION DATA SHEET																					
Project No.: 442885-1 Cored By: Elipsis Engineering and Consulting												ng and	Date			Janu	ary 21,	2021		Page No.: 1 of 3		
Cou	County: Brevard								Highway Sect. No: 70100 & 70100-001									A	urora Re	oad		To: Humphrey Causeway Bridge
Roa	d No.:		SR 520				Begin MP: 7.740 & 0.578								End I	MP:		9.3	90 & 1.	142		Length: 1.650 & 0.564
		Distance from		Wheel			:	Pavement	t Layer (in	in.)			Ba	ase	Crack				Pavt	Rut	Cross	
Core No.	МР	left edge of lane (ft)	Lane	Path	FC-6	FC-12.5	Type SP	Type S	Type I	Surf. Trtmnt.	Binder	Core Length (in)	Туре	Thick-ness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
1	7.790	2.0	OR		1.2		1.2					2.4	ABC	11.4	-	I	-	-	F			
2	7.884	6.0	R2		2.0		1.5					3.5	LR	-	В	SL	П	S	Р			Longitudal cracking - Center of Lane (Near Motor Werks)
3	8.139	9.0	R2	х	0.9		1.2	0.6				2.7	LR	11.3	В	Α	Π	S	Р			Severe Alligator Cracking RWPWawa Entrance, Take base and subgrade sample.
4	8.399	8.5	R2	х	0.8		1.6					2.4	LR	10.6	В	А	п	s	Р			Alligator cracking RWP Advance Discount Auto Parts Entrance
5	9.125	9.5	R2	х		1.0	0.3	0.9			0.3	2.5	LR	6.0	В	Α	Ι	S	Р			Alligator cracking RWP Just West of visible traffic loop (near SR 520/Delannoy Ave intersection
6	9.331	4.0	OR			1.7						1.7	LR	6.4	-	-	-	-	F			
7	0.652	3.5	L2	х		1.3	0.9				1.5	3.7	LR	9.4	В	Br	Ι	S	Р			LR Pumping - LWP - Take Base/Subgrade Sample
8	0.652	4.5	OL			1.2	0.9					10.5	SAHM w/ Shell	8.4	-	-	-	-	F			
9	0.978	3.5	L3	х		1.3	1.9	4.8				8.0	COQ	19.0	3.0	SL	Ι	S	Р			Longitudal cracking LWP
10	8.296	4.0	L2		1.2		1.1					2.3	LR	10.7	В	А	Ι	S	Р			Alligator cracking LWP Just West of Valencia Ave
11	8.159	3.0	L2	х	0.9		0.9	0.8				2.6	LR	11.4	В	А	П	М	Р			Branch and Alligator cracking LWPJust West of visible traffic loop (Newer Pavement)
12	7.904	6.0	L2		1.5		1.0				1.1	3.6	LR	-	В	SL	П	М	Р			Longitudal cracking LWP Center of lane (Near TV station WMIE)
13	7.904	3.0	OL		1.6		1.5	0.8				3.9	LR	11.9	-	-	-	-	F			
14	7.790	8.0	R1		0.9		1.8				1.5	4.2	LR	-	В	SL	Ι	S	Р			Longitudal Cracking RWP
15A	7.800	9.0	RLTL	х	1.2		2.9					4.1	LR	10.4	В	J	Ι	S	Р			Side closest to median, To gated driveway
15B	7.800	9.0	RLTL	х	1.2				1.2		1.2	3.6	LR	10.9	В	J	I	S	Р			Side closest to R1, To gated driveway
Rema <u>Crac</u> SL= Base	rks: Cra <u>x Extent</u> : Single Loi <u>Cypes</u> : LR=	ck Depth L= Light; ngitudina Limerock	of "B" in ; M= Mo l; ST= S ; COQ= 0	ndicate: oderate; ingle T Coquina;	s full de ; S= Se ransver SC= So	epth crae evere rse; R= pil Cemer	ck to the <u>Pave</u> Reflect nt; ABC=	e base. ment Co ive; J= Asphalt	EO onditior Joint; O t Base; S	P = Edg $h: G = G$ $GFC = G$ $GAHMS =$	e of Pa ood; F Dpen-G Sand As	vement = Fair; raded F sphalt Ho	P= Poo C Stress t Mix wi	r <u>Cr</u> s Crack th Shell;	ack Typ NB= No	<u>es:</u> A=) Base; S	Alligat	or; Bl= = Sand B	Block;	Br= Bra	anch Mix with	Shell; CC= Crushed Concrete

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Cou	nty:		Brevard				Highway Sect. No: 70100 & 70100-001									1:		A	urora Ro	oad		To: Humphrey Causeway Bridge	
Roa	d No.:		SR 520				Begir	n MP:			7.740 & 0.578				End MP: 9.3				90 & 1.	142		Length: 1.650 & 0.564	
		Distance from		Wheel			1	Pavement	Layer (in	.)	0	1	B	ase		Cr	ack	_	Pavt	Rut	Cross		
Core No.	МР	left edge of lane (ft)	Lane	Path	FC-6	FC-12.5	Type SP	Type S	Type I	Surf. Trtmnt.	Binder	Core Length (in)	Туре	Thick-ness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments	
16	8.612	3.0	R1	Х	1.2		1.8					3.0	LR	11.0	В	Br	Π	S	Р			Branch cracking LWP Near Washington Ave	
17	9.022	2.5	R1	х		1.1	1.0	0.9			1.9	4.9	LR	5.1	В	А	Ι	L	Р			Limerock pumping LWPIn front of Black Lotus (East of Florida Ave), Take Base/Subgrade Samples, Core length field measured, Binder layer disintegrated	
18	9.283	10.0	IR	х		2.2						2.2	LR	7.4	В	SL	Π	М	Р			Branch and longitudal cracking	
19	0.631	5.5	IL			1.5						1.5	LR	11.8	-	-	-	-	F				
20	0.685	6.0	LLTL			0.7	0.8					13.0	ABC	11.5	-	-	-	-	F			Raveling center of lane, To Riveredge Blvd	
21	0.852	2.0	L1	х		1.0	1.2			1.0		3.2	LR	6.8	В	А	П	L	Р			Alligator cracking with asphalt pop-outs (near intersection SR 520/Brevard Ave)	
22A	0.981	7.0	L1			1.4	0.5		3.2			5.1	LR	4.4	В	Br	П	М	Р			EB Side of Core, Base crack not fully shown in order to show all core layers	
22B	0.981	7.0	L1			1.4	1.4					7.4	SAHM w/ Shell	4.6	В	Br	П	М	Р			WB Side of Core	
23	8.580	5.5	L1		1.6		2.2					3.8	LR	-	-	-	-	-	F			*Take core in center of lane* near Champions Honda entrance	
24	8.042	9.0	L1	х	0.9		1.7				1.4	4.0	LR	10.0	-	-	-	-	F				
25	8.034	2.5	LLTL	х	0.9		1.8				0.9	3.6	LR	10.8	-	-	-	-	F			To Varr Ave	
26A	0.981	6.0	L1			1.6	0.6	5.4				7.6	LR	1.9	В	Br	Π	М	Р			EB Side of Core, Extra Core Taken near Core 22 for better LR representation	
26B	0.981	6.0	L1			1.6	0.7	1.2				9.6	SAHM w/ Shell	6.1	В	Br	Π	М	Р			WB Side of Core, Extra Core Taken near Core 22 for better LR representation	
Rema Cracl SL= Base 7	rks: Cra <u>x Extent</u> : Single Lor <u>Cypes</u> : LR=	ack Depth L= Light; ngitudinal = Limerock;	of "B" in M= Mo ; ST= S ; COQ= 0	ndicate: oderate; ingle T Coquina;	s full de ; S= Se ransver SC= So	epth crac evere rse; R= pil Cemer	ck to the <u>Paver</u> Reflecti nt; ABC=	e base. ment Co ive; J= . Asphalt	EO ondition Joint; O t Base; S	P = Edg : G= G GFC= (AHMS=	e of Pav ood; F= Dpen-G Sand As	vement = Fair; raded F sphalt Ho	* = Re P= Poo C Stress ot Mix wi	fer to A r <u>Cra</u> s S Crack th Shell;	erial Co ack Typ NB= No	oring Pl bes: A= o Base; S	an for a Alligat SBRMS =	or; Bl=	Block;	locatio Br= Bra as Road I	n anch Mix with	Shell; CC= Crushed Concrete	

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Cou	nty:		Brevard	l			Highway Sect. No: 70100 & 70100-001								:		Aı	irora Ro	oad		To: Humphrey Causeway Bridge
Road	l No.:		SR 520	Begin	n MP:			7.740 8	& 0.578		End I	MP:		9.3	9.390 & 1.142			Length: 1.650 & 0.564			
		Distance		Wheel Path			Paver	nent Lay	er (in.)			Base			Cr	ack		Povt	Rut	Cross	
Core No.	No. MP fr edg	edge of lane (ft)	Lane						Core Length (in)	Туре	Thick-ness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments		
D-1	9.388	5.0	R2									PCC	-	-	-	-	-	F			Hand Drill 10' from Bridge Deck (Noted MP is beginning of bridge deck) Asphalt Thickness = 6.8"
D-2	0.580	5.5	L2									PCC	-	-	-	-	-	F			Hand Drill 10' from Bridge Deck (Noted MP is beginning of bridge deck) Asphalt Thickness = 7.3"
D-3	9.388	5.5	R1									PCC	-	-	-	-	-	F			Hand Drill 10' from Bridge Deck (Noted MP is beginning of bridge deck) Asphalt Thickness = 6.6"
D-4	0.580	5.0	L1									PCC	-	-	-	-	-	F			Hand Drill 10' from Bridge Deck (Noted MP is beginning of bridge deck) Asphalt Thickness = 8.0"
Rema Crack SL= S Base T	rks: Cra <u>Extent</u> : Single Lo <u>ypes</u> : LR=	ack Deptl L= Light ngitudina Limerock	n of "B" $ t; M = M $ $ dl; ST = 3 $ $ t; COQ = 0$	indicate Ioderate Single 7 Coquina;	es full d e; S= S Fransve ; SC= So	lepth cr evere erse; R= pil Ceme	rack to t <u>Pav</u> = Reflec ent; ABC	he base r <u>ement</u> ctive; J= = Aspha	e. E <u>Conditi</u> = Joint; ılt Base;	COP = H on: G= OGFC SAHMS	Edge of = Good; = Open S= Sand A	Paveme F= Fa -Gradee Asphalt l	ent $* =$ ir; P=1 d FC St Hot Mix	Refer to Poor ress Cra with She	o Aeria <u>Crack</u> ack 11; NB=	l Corin Types: No Base	g Plan A= Al e; SBRM	for a mo ligator; (S = Sano	ore accu Bl= Bl l Bitumi	urate loc ock; Bi nous Roa	cation = Branch ad Mix with Shell; CC= Crushed Concrete