							PAV	'EMI		ate of EVA									A SH	EET		
Proj	ect No.:		4373	31-1	Corec	l By:		Arda	aman						Date	:			11/3	30/2016		<b>Page No.:</b> 1 of 4
Cou	County: Orange			nge	Highv	way Sec	et. No:	75	020						From: Jones Avenue						To: Wadsworth Road	
Road	l No.:	SR :	SR 500 (US 441)			MP:	18.729									MP:			21.779			Length: 3.05
		Distance from left				1	Pavement Layers (in.)						В	ase		Cr	ack	1 <del></del>	Pavt	Rut	Cross	
Core No.	МР	edge of lane (ft.)	Lane	Path	FC-5	FC-3	FC-6	Type SP	Type S	Туре II	Binder Course	Core Length (in)	Туре	Thickness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
1	21.428	1.0	OL			1.2			3.4			4.6	LR						F			
2	21.428	7.0	LRTL	Х		1.0			3.0			4.0	LR	11.8					F			Turn Lane to Wright Avenue
3	20.284	6.0	LRTL	Х		1.6					1.0	2.6	LR	13.2					F			Turn Lane to CR 448/Sadler Road
4	20.179	4.0	ACCEL	Х		1.0			0.5		1.3	2.8	LR	10.6					F			
5	19.329	7.5	LRTL		0.9				3.3			12.2	ABC	8.0					F			Turn lane to Willow Street
6	20.212	10.5	RRTL	Х	0.9			0.8				1.7	LR	13.4					F			Medium raveling Turn Lane to CR 448/Sadler Roa
7	20.212	1.0	OR		0.8			5.2				6.0	LR	5.6					F			Medium raveling
8	20.280	10.5	ACCEL	Х	0.9			1.0			0.4	2.3	LR	11.4					Р			Medium raveling.
9	20.710	8.0	RLTL	Х			1.9			0.2	1.7	3.8	LR	10.1					F			
10	21.260	5.5	RLTL				1.4			0.9	1.1	3.4	LR	10.6					F			
11	21.054	6.0	LLTL				1.3			0.4	1.0	2.7	LR	11.1					F			Turn Lane to Terrell Road
12	19.710	2.5	LLTL	х			1.6				1.2	2.8	LR	11.6					F			Turn Lane to Holly Street
13	20.819	2.0	OL						2.6			8.2	ABC	5.6	В	ST	Ι	L	F			Bottom ABC portion broke off.
14	20.655	2.0	OL						3.1			8.5	ABC	5.4	1.1	ST	Ι	L	F			
15	20.072	2.5	OL						2.4			5.5	ABC	3.1	В	ST	Ι	L	F			Note: total core length measured in the field was 5. inches. ABC broke off.
16	19.798	2.5	OL						3.6			6.0	ABC	2.4	В	ST	Ι	L	F			Note: total core length measured in the field was 6.0 inches. ABC broke off.

**Remarks:** Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement

 $\underline{Crack \ Extent}: \ L=Light; \ M=Moderate; \ S=Severe \qquad \underline{Pavement \ Condition}: \ G=Good; \ F=Fair; \ P=Poor \qquad \underline{Crack \ Types:} \ A=Alligator; \ Bl=Block; \ Br=Branch$ 

SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

							PAV	'EMF					epart N Al			-			A SH	ЕЕТ	I	
Proj	ect No.:		4373	31-1	Core	l By:		Arda	aman						Date	:			11/3	30/2016		<b>Page No.:</b> 2 of 4
Cour	nty:		Ora	nge	Highway Sect. No: 75020 Fr										From: Jones Avenue							To: Wadsworth Road
Road	<b>Road No.:</b> SR 500 (US 441)			41)	Begin	MP:		18.	18.729						<b>End MP:</b> 21.779					1.779		Length: 3.05
		Distance from left		Wheel		<b>1</b>	1	Pavement La	yers (in.)		i e	4	Ba	ise		Cr	ack	1	Pavt	Rut		
Core No.	MP	edge of lane (ft.)	Lane	Path	FC-5	FC-3	FC-6	Type SP	Type S	Туре П	Binder Course	Core Length (in)	Туре	Thickness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
17	18.932	2.5	OL						3.5			3.5	LR	11.0	В	ST	Ι	L	F			
18	18.802	10.5	R2	Х	0.7			0.9	1.4			3.0	LR	10.5					F			Light ravling
19	18.802	1.5	OR		0.5				1.9			2.4	LR						G			Light ravling
20	19.444	9.0	R2	Х	0.5			1.0	1.8		0.7	4.0	LR						G			Taken on outside wheelpath.
21	19.444	1.0	OR		0.5				1.5			2.0	NB						F			Medium ravling
22	19.975	8.5	R2	Х	0.8			0.9	2.0		0.9	4.6	LR	10.2					F			Taken on outside wheelpath.
23	19.975	1.5	OR		1.4				1.4			2.8	LR						F			Medium ravling
24	20.200	3.0	R2	Х	0.7			1.2	1.2		1.0	4.1	LR						F			Light ravling, taken on inside wheelpath.
25	20.716	3.5	R2	Х	0.7			1.0	1.8		1.0	4.5	LR	9.1					F			Light ravling, taken on inside wheelpath.
26	20.716	1.5	OR		0.5				2.1			2.6	NB						G			Light ravling
27	21.156	10.0	R2	Х	1.0			0.2	1.2		0.8	3.2	LR						G			Taken on outside wheelpath.
28	21.156	1.0	OR		1.2				2.1			7.2	ABC	3.9					G			Core Split at 4 inches during removal.
29	21.489	9.5	R2	Х	0.6			0.6	1.3		0.7	3.2	LR	8.9					G			Taken on outside wheelpath.
30	21.489	1.5	OR		1.0				2.0			6.4	ABC	3.4					G			
31	21.730	2.0	OL						3.3			3.3	ABC	6.2					F			Note: total core length measured in the field was 6.2 inches. ABC broke off.
32	21.350	2.5	IL		0.3			1.7				2.0	LR	11.2					F			
<u>Crack</u> SL= S	<u>: Extent</u> : Single Lo	rack Dept L= Ligh ongitudina LR= Lime	t; M= M al; ST=	Ioderate Single	e; S= S Transve	evere rse; R=	<u>Pave</u> Reflecti	<u>ment Co</u> ive; J= J	ondition loint; O	: G= C GFC=	Good; I Open-C	Graded	; P= Po FC Stre	ss Crac	k			-	Bl= Blo	ock; Br=	= Branch	·

							PAV	EMI					epart N Al			-			A SH	EET	I	
Proj	ect No.:		4373	31-1	Core	d By:		Arda	aman						Date	:			11/3	30/2016		Page No.: 3 of 4
Cou	County: Orange					Highway Sect. No: 75020										n:		Joi	nes Ave	nue		To: Wadsworth Road
Road	<b>Road No.:</b> SR 500 (US 441)			41)	Begin	MP:		18.729							End I	MP:			2	1.779		Length: 3.05
		Distance from left		Wheel			1	Pavement La	ayers (in.)				Ba	ise		Cra	ack		Pavt	Rut	Cross	
Core No.	МР	edge of lane (ft.)	Lane	Path	FC-5	FC-3	FC-6	Type SP	Type S	Туре П	Binder Course	Core Length (in)	Туре	Thickness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
33	19.780	2.5	IL	Х	0.3			1.7				2.0	LR						G			LR on bottom of core
34	19.098	3.0	IL		0.5			1.7				2.2	LR	7.2					F			Light ravling
35	18.830											0.0										No shoulder on desired core location. See roadway photo #46
36	18.830	2.0	R1	х	0.6			1.3	1.0		1.1	4.0	LR	9.5					F			Medium ravling
37	19.256	2.0	R1	х	0.9			1.0	1.2		1.2	4.3	LR						F			
38	19.776	1.5	IR		0.6			0.9				1.5	LR	4.5					F			
39	20.004	9.5	R1	Х	1.0			1.0	0.5		1.1	3.6	LR	11.5					F			
40	20.465	2.5	R1	Х	0.5			1.4	1.6		1.0	4.5	LR						F			
41	20.805	1.0	IR		0.6			1.4	1.1		1.1	4.2	LR	10.2					F			
42	20.805	2.5	R1	Х	0.6			0.4				1.0	LR	3.6					F			Light ravling
43	21.258	2.5	R1	Х	0.8			1.2	1.5		0.9	4.4	LR						G			
44	21.550	17.0	MXO					1.5		1.7	2.8	6.0	LR	8.6	В	SL	Ι	L	F			Distance from Left Lane yellow line
45	20.425	15.0	MXO					1.5		1.1	1.6	4.2	LR	9.3	В	BR	Ι	М	F			Large crack in center. Distance from Left Lane yellow line
46	19.486	24.0	MXO					2.1		0.5	1.4	4.0	LR	9.8	В	SL	II	М	F			Large crack in center. Distance from Left Lane yellow line
47	19.151	16.5	MXO					1.8		1.2	2.1	5.1	LR	8.4	В	ST	Ι	L	F			Distance from Left Lane yellow line
48	19.016	2.0	LLTL	Х			1.2			0.8	1.6	3.6	LR	8.4	В	ST	II	L	F			Turn lane to Laughlin Road
<u>Crack</u> SL= S	<u>t Extent</u> : Single Lo	cack Dept L= Ligh ongitudina LR= Lime	it; M= M al; ST=	Ioderate Single 7	e; S= So Fransver	evere rse; R=	<u>Pave</u> Reflecti	ment Co ive; J= J	ondition Joint; O	: G= C GFC=	Good; I Open-C	Graded	; P= Po FC Stre	ss Crac	k				Bl= Blo	ock; Br=	= Branch	

							PAV	EMF					-	ment		_			A SH	EET		
Proje	Project No.: 437331-1 Cored By: Ardaman Date:										11/3	80/2016		Page No.: 4 of 4								
Cour	ity:		Ora	nge	Highway Sect. No: 75020										From	ı:		Jor	es Ave		To: Wadsworth Road	
Road	No.:	SR 5	500 (US 4	41)	Begin	MP:		18.	729							End MP:				1.779		<b>Length:</b> 3.05
		Distance from left		Wheel			]	Pavement La	ayers (in.)				B	ase		Crack		Pavt	Rut	Cross		
Core No.	МР	edge of lane (ft.)	Lane	Path	FC-5	FC-3	FC-6	Type SP	Type S	Туре П	Binder Course	Core Length (in)	Туре	Thickness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
49	18.954	2.0	LLTL	Х			2.1			0.9	1.5	4.5	LR	7.8	В	SL	Ι	L	F			Light ravling. Turn lane to Laughlin Road
50	19.259	2.0	RLTL	Х			1.9				1.1	3.0	LR	9.8	В	SL	Ι	L	F			
51	20.035	6.0	RLTL				1.7				3.3	5.0	LR	10.4	В	ST	Ι	L	F			Cracking present
52	21.154	21.0	MXO					1.0		1.8	1.3	4.1	LR		В	ST	Ι	L	F			Distance from Right Lane yellow line
Crack	Extent:	ack Dept L= Ligh	it; M= M	Ioderate	e; S= S	evere	Paver	ment Co	ondition	: G= C		F= Fair	P=Po			ypes: A	A= Alli	igator; I	Bl= Blo	ock; Br=	= Branch	
ase [	<u>Гуреs</u> : I	LR= Lim	erock; C	COQ = C	Coquina;	SC= S	oil Cem	ent; AB	C= Asp	halt Ba	ase; SA	AHM=	Sand A	sphalt H	Hot Mix	; NB=	No Ba	ise				

## Supplemental Data to PECD

(Cross Slope of Each Locations Cored) SR 500 (US 441) FPN: 437331-1 County: Orange

Core #	GPS Co	ordinates				
1	N 28.765215	W -81.624720				
2	N 28.765215	W -81.62472				
3	N 28.749344	W -81.620579				
4	N 28.748119	W -81.619558				
5	N 28.748001	W -81.619446				
6	N 28.736989	W -81.614182				
7	N 28.748515	W -81.619501				
8	N 28.748516	W -81.6195				
9	N 28.749446	W -81.620282				
10	N 28.754619	W -81.624085				
11	N 28.762541	W -81.62451				
12	N 28.759676	W -81.624581				
13	N 28.756217	W -81.624628				
14	N 28.753841	W -81.623989				
15	N 28.663839	W -81.367719				
16	N 28.743311	W -81.616598				
17	N 28.733356	W -81.609067				
18	N 28.66314	W -81.361603				
19	N 28.732133	W -81.60734				
20	N 28.73847	W -81.615009				

Core #	GPS Co	ordinates
21	N 28.738470	W -81.615009
22	N 28.745853	W -81.617349
23	N 28.745853	W -81.61735
24	N 28.748495	W -81.619516
25	N 28.754752	W -81.624108
26	N 28.754752	W -81.624108
27	N 28.761146	W -81.624416
28	N 28.76114	W -81.624416
29	N 28.76597	W -81.624405
30	N 28.765979	W -81.624405
31	N 28.769528	W -81.624515
32	N 28.764153	W -81.62459
33	N 28.743222	W -81.616496
34	N 28.73499	W -81.611253
35	N 28.734929	W -81.611152
36	N 28.732488	W -81.607747
37	N 28.736447	W -81.613168
38	N 28.743214	W -81.616302
39	N 28.746245	W -81.617736
40	N 28.751634	W -81.622237

## Supplemental Data to PECD

(Cross Slope of Each Locations Cored) SR 500 (US 441) FPN: 437331-1 County: Orange

Core #	GPS Co	ordinates
41	N 28.756130	W -81.624392
42	N 28.756132	W -81.624392
43	N 28.762751	W -81.624453
44	N 28.76679	W -81.624575
45	N 28.751142	W -81.621916
46	N 28.738936	W -81.615445
47	N 28.735443	W -81.611816
48	N 28.734213	W -81.610072
49	N 28.733626	W -81.609167
50	N 28.736383	W -81.613127
51	N 28.746505	W -81.617997
52	N 28.76108	W -81.624512
	N	W
	N	W
	N	W
	Ν	W
	N	W
	N	W
	N	W
	N	W

Core #	GPS Co	ordinates
	N	W
	N	W
	N	W
	N	W
	N	W
	N	W
	N	W
	N	W
	N	W
	N	W
	N	w
	Ν	W
	Ν	W
	N	W
	N	W
	N	W
	N	W
	N	W
	N	W
	N	W