

E		PAVE	MENT ST	RENGTH]
SE	OVERLAY MAX SINGL	MAX. G	ROSS LO	REMARKS	
		SINGLE	DUAL	DUAL TAN	-
VAYS				•	
401	P-608	12,500			2,3
VAYS					
401	P-608	12,500			2,3
401		12,500			2,3 3
				1	
ONS		· · · · · ·		-	r
401	P-608	12,500			2,3

Big Sandy Airport

Inspection Photos October 14, 2018





A-1, Overview











R-11, Overview

A-2, Tie Down









T-3, Overview

T-3, Surface with Weathering



T-12, Overview





2018 Update

BIG S	ANDY A	RPORT				Branch:	18A	APRON		A-2
Length:	0 LF	Width:	0 LF	Area:	23,750 SF		st Const: 19	86	Family:	ACAN
From:	0+00 BEGIN R	R/W 6-24			+50 END R/	W 6-24			Surface:	AC
				In	spections					
Samples S	urveyed:	3	Total	Samples: 6		Last Inspect	ion Date: 10	0/14/2018	PCI:	86
Sample #	2							Area:	5,248 \$	SF
-		Distress Des	cription			Severity	Quantity	V		
		PATCHING	-			L	4 SF	7		
		LONGITUD	INAL/TRANSV	ERSE CRAC	KING	L	52 LF	7		
Sample #	4							Area:	5,248 \$	SF
Sample #	-	Distress Des	cription			Severity	Quantity		5,240	51
		PATCHING	cription			L	4 SF			
			INAL/TRANSV	FRSE CRAC	KING	L	35 LF			
			INAL/TRANSV			M	2 LF			
Sample #	6							Area:	5.248	SF
oumpie "	0	Distress Des	cription			Severity	Quantity		3,2101	51
			INAL/TRANSV	FRSE CRAC	KING	M	26 LF			
			INAL/TRANSV			L	63 LF			
		DEPRESSIO			KING	L	168 SF			
			[Extrapolated	Distress Q	uantities*				
		Distress Des	cription			Severity	Quantity		·	Deduct
		DEPRESSIO	N			LOW	336 SF	1.07%	0	7.02
		LONGITUD	INAL/TRANSV	ERSE CRAC	KING	LOW	300 LF	0.95%	6	4.85
		LONGITUD	INAL/TRANSV	ERSE CRAC	KING	MEDIUM	56 LF	0.18%	6	4.81
		PATCHING				LOW	15 SF	0.05%	ó	2.00
* Multiple d	leduct values are so	caled down from	their algebraic sur	n to keep the m	nodel consiste	nt with experin	nental data.			
			Percent of I	Deduct Value	es Based on	Distress Med	hanism			
		0.0	% Load		62.0 %	Climate/Dur	ability		38.0	% Other

	ANDY AI		(0 I E	A	219,060		Branch:	18R	RUNWAY	F	R-11
Length: From:	3,651 LF BEGINNING O	Width: F RUNWAY	60 LF	Area: To:	219,060 END OF R		Las	t Const: 201	0	Family: Surface:	ACRM
					Inspection	ns					
Samples S	urveyed:	7	Tot	al Samples	: 45	Last	Inspectio	on Date: 10	/4/2018	PCI:	86
Sample #	2								Area:	4,800	SF
		Distress Des				Se	everity	Quantity			
		LONGITUD					М	7 LF			
			INAL/TRAN	SVERSE C	RACKING		L L	85 LF			
		DEPRESSIC	JIN				L	13 SF			
Sample #	9								Area:	4,800	SF
_		Distress Des	cription			Se	everity	Quantity			
		LONGITUD	INAL/TRAN	SVERSE C	RACKING		М	2 LF			
		LONGITUD	INAL/TRAN	SVERSE C	RACKING		L	31 LF			
Sample #	16								Area:	4,800	SF
sumple "	10	Distress Des	cription			Se	everity	Quantity		1,000	51
			INAL/TRAN	SVERSE C	RACKING		L	24 LF			
		PATCHING					L	0.4 SF			
Sample #	23								Area:	4,800	SF
/umpie //		Distress Des	cription			Se	everity	Quantity		1,000	51
			INAL/TRAN	SVERSE C	RACKING	~	L	147 LF			
		LONGITUD	INAL/TRAN	SVERSE C	RACKING		М	8 LF			
Sample #	30								Area:	4,800	SF
		Distress Des	cription			Se	everity	Quantity		,	
		LONGITUD	INAL/TRAN	SVERSE C	RACKING		Μ	6 LF			
		PATCHING					L	0.4 SF			
		LONGITUD	INAL/TRAN	SVERSE C	RACKING		L	106 LF			
Sample #	37								Area:	4,800	SF
-		Distress Des	cription			Se	everity	Quantity			
		LONGITUD	INAL/TRAN	SVERSE C	RACKING		L	89 LF			
		LONGITUD	INAL/TRAN	SVERSE C	RACKING		М	32 LF			
Sample #	44								Area:	4,800	SF
-		Distress Des	cription			Se	everity	Quantity			
		DEPRESSIO	DN				L	507 SF			
				Extrapo	lated Distres	s Quantit	ties*				
		Distress Des					everity	Quantity	Dens	•	Deduc
		DEPRESSIO		OVED OF C	DACKING		LOW	3,388 SF	1.55		9.4 5.0
		LONGITUD	INAL/TRAN INAL /TRAN				low Edium	3,142 LF 359 LF	1.43 0.16		5.9 4.5
		PATCHING		SVERSE U	NAUNINU		LOW	559 LF 5 SF	0.10		4.5 2.0
⁶ Multiple d	leduct values are sc			sum to keep	the model con				5.00	.,.	2.0
			Percent	of Deduct '	Values Based	l on Distr	ess Mech	anism			
		0.0	% Load		57.0) % Clim	ate/Dura	bility		43.0	% Othe

2018 Update

BIG S	SANDY A	IRPORT	Branch:	18T	TAXIWAY		T-3
Length:	664 LF	Width: 25 LF Area: 16,600	SF Las	t Const: 2010)	Family:	ACAM
From:	RW	To: APRON				Surface:	AC
		Inspection	IS				
Samples S	Surveyed:	3 Total Samples: 4	Last Inspection	on Date: 10/1	4/2018	PCI:	92
Sample #	1				Area:	4,250 S	F
		Distress Description	Severity	Quantity			
		LONGITUDINAL/TRANSVERSE CRACKING	L	46 LF			
		PATCHING	L	0.18 SF			
		DEPRESSION	L	22 SF			
Sample #	2				Area:	4,000 S	F
~	_	Distress Description	Severity	Ouantity		.,	-
		PATCHING	L	0.14 SF			
		LONGITUDINAL/TRANSVERSE CRACKING	L	26 LF			
Sample #	4				Area:	3.600 S	F
•		Distress Description	Severity	Quantity			
		LONGITUDINAL/TRANSVERSE CRACKING	L	38 LF			
		PATCHING	L	0.33 SF			
		Extrapolated Distress	Quantities*				
		Distress Description	Severity	Quantity	Density		Deduct
		DEPRESSION	LOW	31 SF	0.19%		0.67
		LONGITUDINAL/TRANSVERSE CRACKING	LOW	154 LF	0.93%		4.80
		PATCHING	LOW	1 SF	0.01%		2.00
* Multiple d	deduct values are	scaled down from their algebraic sum to keep the model cons	sistent with experim	ental data.			
		Percent of Deduct Values Based	on Distress Mech	nanism			
		0.0 % Load 91.0	% Climate/Dura	bility		9.0 %	% Other

2018 Update

BIG S	ANDY AI	IRPORT		Branch:	18T	TAXIWAY		T-12
Length:	1692 LF	Width: 25 LF Area:	42,311 SF	Last	Const: 2015		Family:	ACPI
From:	APRON A-2	To: HA	ANGARS				Surface:	AC
		In	ispections					
Samples S	urveyed:	4 Total Samples: 12	L	ast Inspectio	n Date: 10/1	4/2018	PCI:	94
Sample #	3					Area:	5,000 \$	SF
•		Distress Description		Severity	Quantity		<i>.</i>	
		LONGITUDINAL/TRANSVERSE CRAC	KING	L	12 LF			
Sample #	6					Area:	4,081 \$	ε
sample "	U U	Distress Description		Severity	Quantity	mea.	4,001 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		PATCHING		L	3 SF			
				Ľ	5.51			
Sample #	9					Area:	4,081 \$	Έ
Sample #	,	Distress Description		Severity	Quantity	Alta.	4,001 5	51
		PATCHING		L	0.14 SF			
				Ľ	0.14 51			
Sample #	12					Area:	2,250 \$	SF
oumpie "	12	Distress Description		Severity	Quantity	in cu.	2,230 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		DEPRESSION		L	80 SF			
		LONGITUDINAL/TRANSVERSE CRAC	KING	L	52 LF			
		PATCHING		L	52 SF			
		Extrapolated	Distress Qua	ntities*				
		Distress Description		Severity	Quantity	Density		Deduc
		DEPRESSION		LOW	220 SF	0.52%		3.44
		LONGITUDINAL/TRANSVERSE CRAC	KING	LOW	177 LF	0.42%		3.91
		PATCHING		LOW	151 SF	0.36%		2.20
* Multiple d	leduct values are so	caled down from their algebraic sum to keep the m	nodel consistent	with experime	ntal data.			
		Percent of Deduct Value	es Based on Di	istress Mecha	anism			
		0.0 % Load	64.0 % C	limate/Dural	oility		36.0	% Other

BIG SANDY AIRPORT (18)

-	NDY AIRPORT (18)							
	EAR PROJECTIONS			EST	IMATED AVERAGE			<mark>27,196</mark>
Plan Year: Section	2019 Maintenance	Local	Global	Major <crit< td=""><td>Estimated Cost: Major>Crit</td><td>\$129,373 Total</td><td>PCI Before</td><td>After</td></crit<>	Estimated Cost: Major>Crit	\$129,373 Total	PCI Before	After
A-1	Major Below Critical	\$0	\$0	\$37,440	\$0	\$37,440	0	100
A-2	Preventive + Global MR	\$139	\$10,706	\$0 \$0	\$0	\$10,844	86	91 91
R-11 T-12	Preventive + Global MR None	\$965 \$0	\$74,480 \$0	\$0 \$0	\$0 \$0	\$75,444 \$0	86 93	91
T-3	Global MR	\$0	\$5,644	\$0	\$0	\$5,644	92	95
Plan Year:					Estimated Cost:	\$14,607	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	Total	Before	After
A-1 A-2	None	\$0 \$28	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$28	97 89	97 89
R-11	Preventive Preventive	\$28 \$193	\$0 \$0	\$0 \$0	\$0 \$0	\$28 \$193	89	89
T-12	Global MR	\$0	\$14,386	\$0	\$0	\$14,386	90	99
T-3	None	\$0	\$0	\$0	\$0	\$0	94	94
Plan Year:	2021 Maintenance	Local	Global	Major <crit< td=""><td>Estimated Cost: Major>Crit</td><td>\$628</td><td>PCI Before</td><td>After</td></crit<>	Estimated Cost: Major>Crit	\$628	PCI Before	After
A-1 A-2	None Preventive	\$0 \$79	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$79	94 87	94 88
R-11	Preventive	\$549	\$0	\$0	\$0	\$549	87	88
T-12	None	\$0	\$0	\$0	\$0	\$0	96	96
T-3	None	\$0	\$0	\$0	\$0	\$0	93	93
Plan Year: Section	2022 Maintenance	Local	Global	Major <crit< td=""><td>Estimated Cost: Maior>Crit</td><td>\$1,031 </td><td>PCI Before</td><td>After</td></crit<>	Estimated Cost: Maior>Crit	\$1,031 	PCI Before	After
A-1	None	\$0	\$0	\$0	\$0	\$0	91	91
A-2	Preventive	\$130	\$0	\$0	\$0	\$130	86	86
R-11	Preventive	\$902	\$0	\$0	\$0 \$0	\$902	86	86
T-12 T-3	None None	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	93 92	93 92
Plan Year:	2023				Estimated Cost:	\$1,450	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	Total	Before	After
A-1	Preventive	\$12	\$0	\$0	\$0	\$12	88	88
A-2 R-11	Preventive Preventive	\$181 \$1,258	\$0 \$0	\$0 \$0	\$0 \$0	\$181 \$1,258	84 84	84 84
T-12	None	\$0	\$0	\$0	\$0	\$0	90	90
T-3	None	\$0	\$0	\$0	\$0	\$0	91	91
Plan Year: Section	2024 Maintenance	Local	Global	Major <crit< td=""><td>Estimated Cost: Major>Crit</td><td>\$92,819 Total</td><td>PCI Before</td><td>After</td></crit<>	Estimated Cost: Major>Crit	\$92,819 Total	PCI Before	After
A-1 A-2	Preventive Preventive + Global MR	\$27 \$232	\$0 \$10,706	\$0 \$0	\$0 \$0	\$27 \$10,938	85 83	86 88
R-11	Preventive + Global MR	\$1,612	\$74,480	\$0	\$0	\$76,092	83	88
T-12 T-3	Preventive Preventive + Global MR	\$115 \$3	\$0 \$5,644	\$0 \$0	\$0 \$0	\$115 \$5,647	87 90	87 93
Plan Year:		Ç.	\$3,011	\$0	Estimated Cost:		PCI	
	Maintenance	Local	Global	Major <crit< td=""><td></td><td>\$15,626_ Total</td><td>Before</td><td>After</td></crit<>		\$15,626_ Total	Before	After
A-1	Preventive	\$43	\$0	\$0	\$0	\$43	83	83
A-2	Preventive	\$121	\$0	\$0	\$0	\$121	86	86
R-11 T-12	Preventive Preventive + Global MR	\$843 \$234	\$0 \$14,386	\$0 \$0	\$0 \$0	\$843 \$14,620	86 84	86 94
T-3	None	\$0	\$0	\$0	\$0	\$0	92	92
Plan Year:					Estimated Cost:	\$1,433	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td></td><td>Total</td><td>Before</td><td>After</td></crit<>		Total	Before	After
A-1 A-2	Preventive Preventive	\$62 \$172	\$0 \$0	\$0 \$0	\$0 \$0	\$62 \$172	80 85	80 85
R-11	Preventive	\$1,199	\$0	\$0	\$0	\$1,199	85	85
T-12 T-3	None None	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	91 91	91 91
Plan Year:		7 -	÷ •	70	Estimated Cost:	\$1,999	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	Total	Before	After
A-1 A-2	Preventive Preventive	\$125 \$223	\$0 \$0	\$0 \$0	\$0 \$0	\$125 \$223	77 83	77 83
R-11	Preventive	\$1,551	\$0	\$0	\$0	\$1,551	83	83
T-12 T-3	Preventive Preventive	\$98 \$3	\$0 \$0	\$0 \$0	\$0 \$0	\$98 \$3	88 90	88 90
1-2		ŞS	ŞU	ŞU	ŞU	\$3	90	30

BIG SANDY AIRPORT (18) ----

FIFTEEN YI	EAR PROJECTIONS			ESTI	\$27,196			
Plan Year:	2028				Estimated Cost:	\$2,602	PCI	
	Maintenance	Local	Global	Major <crit< th=""><th>Major>Crit</th><th>Total</th><th>Before</th><th>After</th></crit<>	Major>Crit	Total	Before	After
	D	Å 1 0 0	40	40	40	* 100		
A-1	Preventive	\$188	\$0 \$0	\$0	\$0 \$0	\$188	74	75
A-2	Preventive	\$274		\$0 \$0	\$0 \$0	\$274	81	81
R-11 T-12	Preventive Preventive	\$1,905 \$217	\$0 \$0	\$0 \$0	\$0 \$0	\$1,905 \$217	81 85	81 85
T-3	Preventive	\$217 \$19	\$0 \$0	\$0 \$0	\$0 \$0	\$217 \$19	85 89	89
1-5	Fleventive	\$19	ŞU	ŲÇ	ŲÇ	Ş19	89	89
Plan Year:	2029				Estimated Cost:	\$94,284	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	Total	Before	After
A-1	Droventive	¢251	ćo	ćo	ćo	\$251	72	72
A-1 A-2	Preventive Preventive + Global MR	\$251 \$355	\$0 \$10,706	\$0 \$0	\$0 \$0	\$251 \$11,061	72 80	72 85
A-2 R-11	Preventive + Global MR	\$2.479	\$74.480	\$0 \$0	\$0 \$0	\$76,959	80	85
T-12	Preventive	\$335	\$0	\$0 \$0	\$0	\$335	82	82
T-3	Preventive + Global MR	\$34	\$5,644	\$0	\$0	\$5,678	88	91
		ţ0 l	<i>\$6)611</i>	φ¢	φ¢	<i>\$3,67.6</i>	00	51
Plan Year:					Estimated Cost:	\$16,957	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	Total	Before	After
A-1	Preventive	\$320	\$0	\$0	\$0	\$320	69	69
A-2	Preventive	\$214	ŠÕ	ŠÕ	ŠÕ	\$214	83	83
R-11	Preventive	\$1,490	\$0	\$0	\$0	\$1,490	83	83
T-12	Preventive + Global MR	\$547	\$14,386	\$0	\$0	\$14,932	79	88
T-3	Preventive	\$1	\$0	\$0	\$0	\$1	90	90
Plan Year:	2021				Estimated Cost:	\$2,715	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	Total	Before	After
occuon						rotar	Derore	711001
A-1	Preventive	\$398	\$ 0	\$0	\$ 0	\$398	66	66
A-2	Preventive	\$265	\$0	\$0	\$0	\$265	82	82
R-11	Preventive	\$1,844	\$0	\$0	\$0	\$1,844	82	82
T-12	Preventive	\$191	\$0	\$0	\$0	\$191	85	86
T-3	Preventive	\$17	\$0	\$0	\$0	\$17	89	89
Plan Year:	2032			Estimated Cost:		\$3,363	PCI	
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	Total	Before	After
A-1	Preventive	\$477	\$0	\$0	\$0	\$477	63	64
A-1 A-2	Preventive	\$319	\$0 \$0	\$0 \$0	\$0 \$0	\$319	80	80
R-11	Preventive	\$2,224	\$0	\$0 \$0	\$0	\$2,224	80	80
T-12	Preventive	\$311	\$0	\$0	\$0	\$311	83	83
T-3	Preventive	\$33	\$0	\$0	\$0	\$33	88	88
Diana Via - m	2022				Fatimated Cast	ćr 340	PCI	
Plan Year:		1	Clabal		Estimated Cost:	\$5,218		
Section	Maintenance	Local	Global	Major <crit< td=""><td>Major>Crit</td><td>Total</td><td>Before</td><td>After</td></crit<>	Major>Crit	Total	Before	After
A-1	Preventive	\$556	\$0	\$0	\$0	\$556	61	61
A-2	Preventive	\$523	\$0	\$0	\$0	\$523	78	78
R-11	Preventive	\$3,645	\$0	\$0	\$0	\$3,645	78	78
T-12	Preventive	\$447	\$0	\$0	\$0	\$447	80	80
T-3	Preventive	\$49	\$0	\$0	\$0	\$49	87	87